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Agricultural Production in the United States by County: A Compilation of Information from the 1974 Census of Agriculture for Use in Terrestrial Food-Chain Transport and Assessment Models

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HEALTH AND SAFETY RESEARCH DIVISION

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ABSTRACT

Terrestrial food-chain models that simulate the transport of environmentally released radionuclides incorporate parameters describing agricultural production and practice. Often a single set of default parameters, such as that listed in USNRC Regulatory Guide 1.109, is used in lieu of site-specific information. However, the geographical diversity of agricultural practice in the United States suggests the limitations of a single set of default parameters for assessment models. This report documents default parameters with a county-wide resolution based on analysis of the 1974 U.S. Census of Agriculture for use in terrestrial food chain models. Data reported by county, together with state-based information from the U.S. Department of Agriculture, Economic and Statistics Service, provided the basis for estimates of model input parameters. This report also describes these data bases, their limitations, and lists default parameters by county. Vegetable production is described for four categories: leafy vegetables; vegetables and fruit exposed to airborne material; vegetables, fruits, and nuts protected from airborne materials; and grains. Livestock feeds were analyzed in categories of hay, silage, pasture, and grains. Pasture consumption was estimated from cattle and sheep inventories, their feed requirements, and reported quantities of harvested forage. The results were compared with assumed yields of the pasture areas reported. In addition, non-vegetable food production estimates, including milk, beef, pork, lamb, poultry, eggs, goat milk, and honey, are described. The agricultural parameters and land use information – in all 47 items – are tabulated in four appendices for each of the 3,067 counties of the U.S. reported to the Census of Agriculture, excluding those in Hawaii and Alaska.

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1.0 INTRODUCTION

Health effects from airborne pollutants generated by power plants or other industrial or agricultural processes are usually estimated from models that simulate the transport of contaminants from their source to man. The concentration of pollutants in ingested food is one of the important intermediate quantities estimated by such assessment models. Applicable models require agricultural parameters that may be based on site-specific production data, but more commonly, default values are used. Because such assessment models form the basis for regulatory processes or mitigative procedures, it is desirable that the default agricultural parameters reflect geographical variation in agricultural practice.

The funding for this research was provided by the U.S. Environmental Protection Agency (EPA), which upon assuming regulatory authority of nuclear effluents covered by the Clean Air Act of 1977, launched an extensive review and revision of models that simulate transport of radionuclides through environmental pathways to man and calculate resulting health impacts. The results of the first phase of this work undertaken by the Health and Safety Research Division (HASRD) of the Oak Ridge National Laboratory (ORNL) are published in two reports: AIRDOS-EPA (Moore et al., 1979) and DARTAB (Begovich et al., 1981). This report is part of the final phase of work in which an integrated set of computer codes and data bases is being assembled into a computerized radiological risk investigation system, CRRIS (Baes and Miller, 1981). However, beyond this immediate purpose, the impetus for this research arises from the inadequacy of a single set of default agricultural parameters to describe the enormous geographical diversity of agricultural practice in the U.S. Such parameters as those contained in the U.S. Nuclear Regulatory Commission's Reg. Guide 1.109 (USNRC, 1977) are currently being used for most generic nuclear assessments.

Our analysis of agricultural parameters by county includes a compilation of parameters related to food crops, livestock feeds, livestock production, and agricultural land use. The analyses include 3,067 counties in the continental United States, excluding Hawaii and Alaska.

The report includes a discussion of the parameters, details of our analyses, and discussions of parameter usage in food chain models. Some discussion of parameter variability and possible errors in their determination is also included. Finally, four appendices list all the default parameters by U.S. county. Appendix A summarizes information on land usage. Appendix B describes food crops and honey. Appendix C covers livestock feeds, and Appendix D details livestock inventory and sales.

The information in this report is the basis for site-specific agricultural default parameters used in the CRRIS system. However, information contained within should prove useful to modelers and impact assessors who wish to incorporate "best estimate" site-specific information into their models when actual observations are unavailable. Information contained in the appendices also may prove useful to determination of predominant food chain pathways in various locations.

2.0 DESCRIPTION OF DATA BASES

Both the U.S. Department of Commerce (DOC), Bureau of the Census and the U.S. Department of Agriculture, Economic and Statistics Service (USDA-ESS) make extensive surveys of agricultural production and other information concerning farm operations. The Census of Agriculture is conducted by the Bureau of the Census, U.S. Department of Commerce (in recent years) at four- or five-year intervals (USDC, 1977). The results are reported on a county, state, and national basis in a series of publications and magnetic tapes. The USDA-ESS work is ongoing and is summarized annually in the *Agricultural Statistics* series (USDA, 1975-1980). This information is reported by state and is available in smaller, more frequent and detailed summary publications and magnetic tapes. Tapes of the 1974 Census of Agriculture (hereafter designated 'census' or 1974 census) were used in this study.

The 1974 census information was used for this report, rather than an average of the 1969 and 1974 census information for two reasons. First, changes in agricultural production of most crops are gradual and correspond roughly with population growth (USDA, 1980). Thus, an average of the 1969 and 1974 census information would have been less representative of agricultural practice after 1974 than the 1974 census information alone. Second, in 1974 the official definition of a farm changed from the definition used for the 1969 census. In 1974 a farm was defined as "all land on which agricultural operations were conducted at any time in the census year under the day-to-day control of an individual management, and from which $1,000 or more of agricultural products were sold during the census year. Control may be exercised through ownership or management, or through a lease, rental, or cropping arrangement. Places having less than the minimum $1,000 sales in the census year are also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition." The previous (1959) definition used in the 1969 census required ten acres (4.0E4m^2) and minimum values of agricultural products sold of $50 ($250 for places of less than 10 acres). Thus, the change in farm definition between the 1969 and 1974 censuses might have

fostered inappropriate averaging of information. The 1978 census tapes were not available at the time this work was initiated. However, a summary of the 1978 census results became available before publication of the report (USDC, 1981). Summaries of agricultural data for the U.S. from the 1974 and 1978 Censuses of Agriculture are compared in Table 1. Increases in irrigated land and chickens sold and the decrease in sheep sales are noteworthy. Most items of production are increasing at rates commensurate with population increases (USDC, 1981).

We emphasize that the census format and the nature of census questions were not tailored to the needs of assessment models. Thus, interpretation of the questions asked and farmer responses were prerequisite to our analysis and use of our results in assessment models. For example, areas harvested and harvested quantities may not necessarily be equivalent for food crops and feed crops (we will emphasize these differences in Sects. 3 and 5). Also, reported livestock inventories are specified as *on December 31, 1974,* but sales include any sales during calendar year 1974.

The 1974 census was the second such survey conducted by mail [methods used to identify farms and test the reliability of responses are discussed in *United States Agricultural Census of 1974 Summary and State Data*, Vol. 1, Part 51, U.S. Department of Commerce, 1977 (USDC, 1977)]. Failure to respond is believed to be a principal source of error in the reported data. Responses from farms with sales expected to equal or exceed $40,000 were reviewed individually, and estimates were made from auxiliary sources if no response occurred. However, for all farms, except the above, a non-response adjustment, based on a random sample survey of mailing register addresses, was made by the Department of Commerce (DOC). Table 2 shows the non-response adjustment as a percent of total responses for several items. In general, this adjustment is less than 10 percent. The uncertainty in the reported numerical value of an item increases as the percent non-response adjustment increases. However, the accuracy is not known.

Some information is lost to the county records if less than three farms in the county report an item of production. In order to avoid disclosure of these farms, the information was included in the state totals, but not in the county totals for such cases. Thus, for a given parameter

Table 1. Comparison of items from the 1974 and 1978 Censuses of Agriculture Summaries

U.S. total	1974[a]	1978[b]	% change
Population[c]	2.09E8	2.20E8	+5
Pasture land, m^2	2.32E12	2.27E12	-2
Cropland	3.34E11	2.68E11	-20
Woodland	1.83E11	1.95E11	+7
Rangeland	1.80E12	1.77E12	-2
Irrigated land, m^2	1.67E11	2.06E11	+23
Cattle and calf inventory, head	1.13E8	1.06E8	-6
Milk cow inventory, head	1.07E7	1.04E7	-3
Cattle on feed inventory, head[d]	1.30E7	1.48E7	+14
Hogs sold, head	8.00E7	9.21E7	+15
Sheep sold, head	1.34E7	1.03E7	-23
Chicken sold for meat, head	2.52E9	3.14E9	+25
Turkeys sold, head	1.20E8	1.36E8	+13
Area harvested for vegetables, m^2	1.26E10	1.44E10	+14
Irish potatoes, kg	1.43E10	1.60E10	+12
Strawberries, kg	2.24E8	2.73E8	+22
Silage, kg air dry	3.25E10	3.31E10	+2
Hay, kg air dry	1.04E11	1.21E11	+16

[a]USDC, 1977.

[b]USDC, 1981.

[c]USDA, 1980 (eating from civilian food supplies on July 1).

[d]Estimate based on cattle on feed sold (see Sect. 5.1.1).

Table 2. Typical adjustments in the 1974 Census of Agriculture for non-response[a]

Item	Non-Response Adjustment (% of total)
Number of farms	12.3
Land in farms	5.9
Value of products sold	4.1
Harvested cropland	6.2
Cattle and calf inventory	7.1
Chickens over 3 months inventory	1.8
Hog and pig inventory	5.5

[a]USDC, 1977.

in the appendices, the sum total of all counties may be less than that reported for the state total.

Farms expecting sales of less than $1,000 were excluded from the 1974 census, and thus information here pertains to larger farms. Two forms were sent out to farms. The form addressed to "all farms" (Form 74-A2) had six pages of questions, and the form for farms expecting sales equal or exceeding $2,500 (Form 74-A1) contained 18 pages of questions. This separation of all U.S. farms into two groups contributes to errors in our analyses in two ways. The first stems from the lack of information from producers having sales less than $2,500 for some commodities. Items affected are vegetables, oats, rye, barley, inventory and sales of cattle fattened on grain, turkeys, fruits and nuts, honey, milk goats, land in ponds, and pasture areas. The number of farms with less than $2,500 sales in 1974 is 33% of the number of all farms, but accounts for only 11% of the total farm land and for less than 1% of the total sales value of agricultural products (USDC, 1977). Consequently, the lack of information on the production of these items for farms with less than $2,500 in sales is probably not significant — except as it may pertain to a "maximum individual" assessment.

The second error concerns the extrapolation of data from farms with incomes exceeding $2,500 to all farms. Estimates for most of the above-mentioned items, excluding inventory and sales of cattle fattened on grain, were extrapolated in the following way by example of woodland pasture:

$$(P_w)^A = \frac{W^A}{W^{2500}} \cdot P_w^{2500} \qquad (1)$$

where

$(P_w)^A$ = woodland pasture, all farms (estimate);

P_w^{2500} = woodland pasture reported, farms $\geq$$2500;

W^A = woodland (pastured and non-pastured) reported, all farms; and

W^{2500} = woodland (pastured and non-pastured) reported, farms $\geq$$2500.

The greater the ratio, W^A/W^{2500}, the less reliable is the extrapolation. A similar extrapolation is made in determining the quantity of corn or sorghum for grain and corn or sorghum for silage from categories of corn or sorghum for all purposes. In these cases the pertinent ratios are close to one. Sorghum or corn for all purposes is reported by area and the detailed classifications by area and quantity.

One additional extrapolation concerns production of fruit and nuts from orchards. We assume that tree density is the same for bearing and non-bearing trees. Therefore, the area supporting bearing trees is calculated from the total area by multiplying by the ratio of bearing to total trees. The number of bearing and non-bearing trees, total area planted, and harvested quantity are all reported.

The USDA reports harvested quantity and area estimates by state obtained from sample surveys of farmers and people who do business with farmers (USDA, 1975-1980). Some information such as cattle slaughtered are actual counts from slaughtering plants supplemented by estimates of farm slaughters. A few comparisons of national values from the two sources is shown in Table 3. The two sources report comparable statistics with typical differences of less than or equal to 10% between the two indicated in the table.

Some information useful for assessment work not found in the census is supplied by USDA-ESS. The two most important records of this nature are the number of cattle slaughtered and the quantities harvested of certain vegetables. In the case of these vegetables, the information found in the census — the area harvested — is combined with state average yields from the USDA-ESS records (or from other sources if the crop is a minor one) to estimate the county-average production.

Maps of the geographic distribution by county of agricultural production and productivity are interspersed throughout the report. The large differences in area among the counties is important to note in viewing the production and inventory maps. In addition, high productivity estimates may represent only a small reported area of crops that will, however, stand out on the map by shading the entire county to the productivity level of the reported area.

Table 3. Comparison of agricultural statistics reported in two independent sources

United States total	Value		Relative difference[a]
	USDA, 1976 (for 1974)	1974 Census	
Cattle inventory, head	1.28E8	1.13E8	-0.13
Hog sales (ESS slaughter), head	8.18E7	7.99E7	-0.02
Milk cows inventory, head	11.3E6	10.7E6	-0.05
Hay production, kg	1.15E11	1.32E11	+0.13
Wheat production, kg	4.85E10	4.10E10	-0.05
Potato production, kg	1.55E10	1.43E10	-0.08
Vegetables, area harvested (except potatoes), m^2	1.35E10	1.26E10	-0.07
Apple production, kg	2.98E9	2.68E9	-0.10
Farms, number	2.83E6	2.31E6	-0.20
Area in farms, m^2	4.00E12	4.12E12	-0.07
Honey sold, kg	8.6E7	1.06E8	+0.23

[a] $\frac{\text{Census - USDA}}{\text{USDA}}$.

3.0 FOOD FROM PLANTS

Foods for humans are divided into three main categories for this report; food from plants, milk, and meat. The food from plants is further divided by pathways of exposure to radionuclides (Fig. 1). In Figure 1, arrow sizes show qualitatively relative importance of deposition and uptake pathways. Leafy vegetables present a broad flat leaf surface for direct interception of atmospherically depositing material. Furthermore, the edible portion of the plant is primarily concerned with vegetative growth (leaves and stems). Exposed food from plants (snap beans, tomatoes, apples) intercepts atmospherically depositing material, but surface areas for exposure are relatively small compared to leafy vegetables. Additionally, edible portions are typically reproductive organs (fruits and seeds) which accumulate radionuclides through soil uptake to a smaller extent than vegetative portions (Baes et al., in preparation). Protected food from plants (potatoes, peanuts, citrus fruits, etc.) is not directly exposed to atmospherically depositing material because the growth habit is underground, or if aboveground, the edible portion is protected by pods, shells, or non-edible skins or peels. Typically, edible portions are reproductive or storage organs (fruits, seeds, tubers). Grains are similar to protected food from plants, but their relatively high dry matter content and their importance as livestock feeds dictate a separate category.

The information for food crops was taken from the more detailed census long forms. The quantities harvested were reported "as sold," and the reported weights correspond to the harvested form of the crop. Leafy vegetables, exposed produce, and protected produce are reported in fresh weight, and grains are reported in air-dry weight. The farmers were instructed that "when more than one vegetable crop is harvested from the same acres, (to) report the acres for each crop." Thus, these *harvested* areas are not necessarily *physical* areas because more than one harvest may have occurred on them. Number of harvests was not reported.

In assessment modeling, estimates of average or mature standing crop biomass is important in calculating vegetable concentrations of depositing materials. Our best estimate of the standing crop biomass of individual

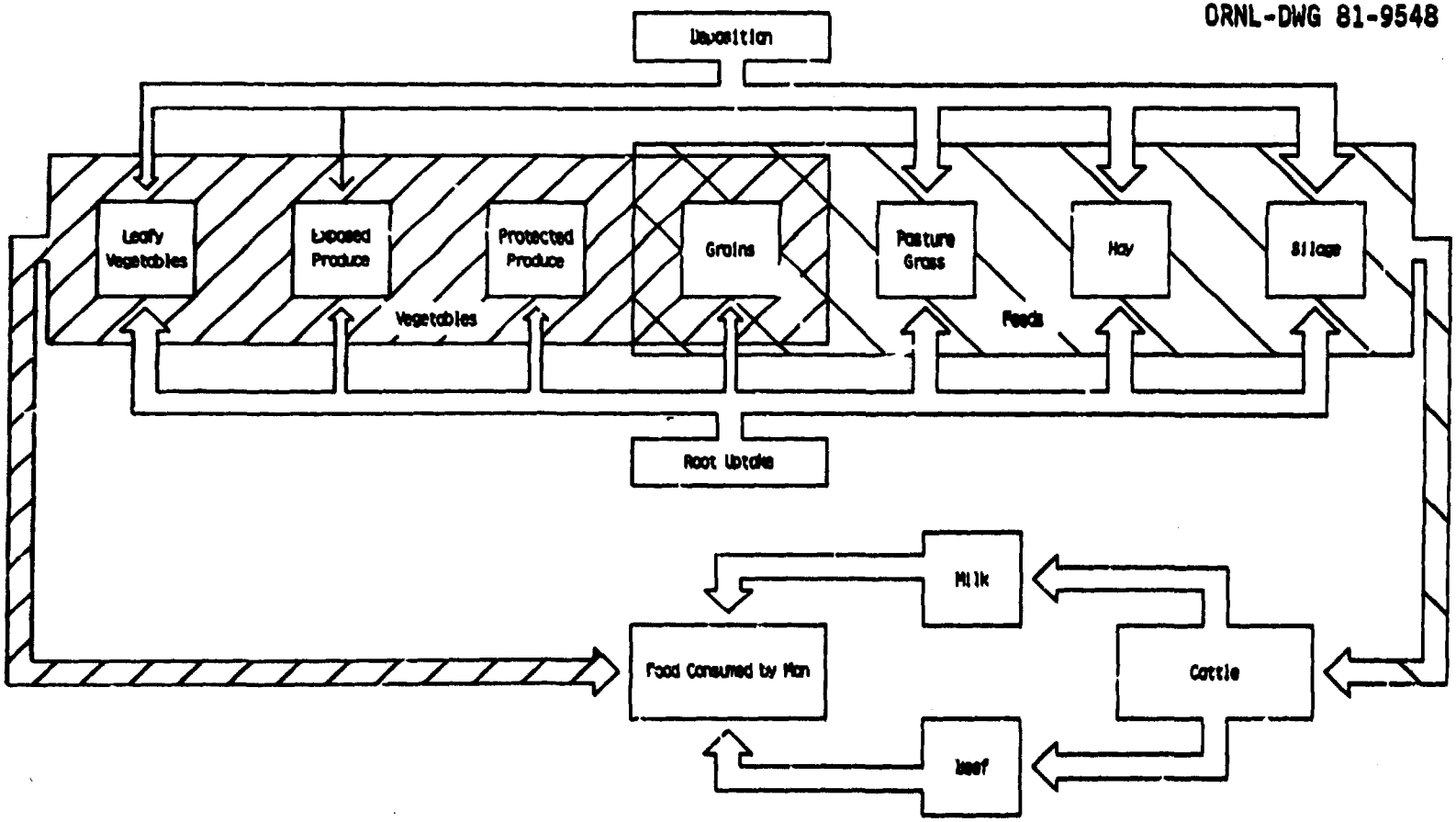

Figure 1. Categorization of produce for human consumption and animal feeds according to radionuclide interception and uptake pathways.

food crops is the ratio, hereafter called "productivity" (P), given by:

$$P_i = \frac{Y_{hi}}{A_{hi}}, \text{ where} \qquad (2)$$

P_i = the productivity of crop i (kg/m^2) per harvest,
Y_{hi} = the harvest yield of crop i (kg), and
A_{hi} = the area planted to crop i which is harvested or harvest area (m^2).

This estimate of standing edible crop biomass at harvest is a default estimate, not an experimental estimate. Influences of harvest efficiency, harvest technique, and reporting accuracy may significantly contribute to discrepancies between our values and actual standing crop biomasses at harvest.

The productivity of a produce category is calculated for each county (Appendix B) from the productivities determined for each individual crop in the category by the equation:

$$P_c = \frac{\sum_{i=1}^{n} Y_{hi}}{\sum_{i=1}^{n} A_{hi}}, \qquad (3)$$

where

P_c = productivity of the vegetable category, and
n = the number of individual vegetable crops which make up the vegetable category in the county.

Thus, the productivity of a vegetable category in any given county reflects both the site-specific productivities of the individual crops within the category and also the number and relative importance of those individual vegetable crops. It should be emphasized that production and productivities are annual averages from harvested areas and quantities.

The census reports both areas and quantities harvested for 78% of the vegetation in all vegetable categories, but only the harvest area for the remaining 22% (USDC, 1977). Leafy vegetables comprise the most important

omission. Other significant vegetable crops for which quantities harvested are not reported are tomatoes, cucumbers, snapbeans, sweet peppers, sweet corn, onions, melons, and carrots. We estimate production of these vegetables (Appendix B) by multiplying productivities reported in other sources by harvested areas reported in the census.

No attempt is made here to differentiate between fresh and processed foods, although production is about equally divided between the two (USDA, 1976). However, the census records do not provide sufficient information to make the distinction between processed and fresh foods.

3.1 Leafy Vegetables

Leafy vegetables, although only about 6% of the crops consumed by man, are relatively important in the terrestrial food chain pathway because of their relatively high interception fractions and uptake of radionuclides into edible portions (Baes et al., in preparation). Table 4 lists the state average productivities of the individual leafy vegetable crops which are used to estimate county-wide production (Appendix B). Values in Table 4 are obtained from four-year state averages of vegetable production and harvest areas (USDA-ESCS, 1975-1978), except where noted.

The relative importance of the individual leafy vegetable crops by U.S. production and harvested area is shown in Table 5. Nationally, lettuce and cabbage dominate the category. However, in most areas cabbage is the principal crop in the category. Most lettuce is grown in a few counties in California. A map of annual leafy vegetable production by order of magnitude intervals (Fig. 2) shows the importance of this category in California, Arizona, southern Texas, Florida, and New York. Estimated productivity of leafy vegetables by county is shown in Fig. 3. Generally, high productivity corresponds to areas of high production for this category.

3.2 Food from Plants Exposed to Airborne Pollutants

Exposed produce accounts for about 20% of the total vegetation by harvested weight used for food in the United States. Of this 20%, about half is reported by quantity and area in the census; the remaining half by area

Table 4. State and U.S. productivity estimates for leafy vegetables

State	Productivity (kg/m², fresh weight)[a]								
	Broccoli	Brussel sprouts	Cabbage	Cauliflower	Celery	Escarole, endive, chicory	Lettuce	Greens	Green onions
Arizona	0.63		1.8	0.7			2.4		
Arkansas								1.1	
California	0.91	1.4	2.7	1.0	6.4	2.6[b]	2.9	2.2	2.3[b]
Colorado			3.7				2.6	0.79	
Connecticut			2.3				1.6		
Florida			2.7		4.0	1.5	2.0	1.3	
Georgia			1.2						
Idaho								3.1	
Illinois			2.3						
Louisiana			1.2						
Maine			2.6				1.8		
Maryland			2.1					0.6	
Michigan			1.9	0.6	4.9		1.9		
Minnesota			2.0						
Mississippi			0.95						
Missouri			1.6					0.64	
New Jersey			2.4			1.9	2.1	0.71	1.8
New Mexico							2.3		3.7
New York			4.4	1.1	4.3		2.1	1.8	
North Carolina			1.6						
Ohio			3.0		5.1	1.3	1.7	0.90	
Oklahoma								1.0	
Oregon	0.94		2.4	1.6			2.1	1.7	
Pennsylvania			2.5						
South Carolina			1.3						
Tennessee			3.5					1.7	

Table 4. State and U.S. productivity estimates for leafy vegetables (continued)

State	Productivity (kg/m^2, fresh weight)[a]								
	Broccoli	Brussel sprouts	Cabbage	Cauliflower	Celery	Escarole, endive, chicory	Lettuce	Greens	Green onions
Texas	0.56		2.6	1.0			2.2	1.1	
Virginia			2.6					1.3	
Washington			2.8		5.0		2.0	2.5	4.2
Wisconsin			4.5				2.2	3.0	
U.S.	0.94	1.4	3.1	1.1	5.6	1.6	2.7	1.4	1.2[c]

[a]Average 1975-1978 productivity from USDA-ESCS tape unless otherwise indicated.

[b]Halverson, 1980.

[c]Knott, 1957.

Table 5. Relative importance of crops comprising the leafy vegetable category

Crop	U.S. Production[a] (kg)	Percent of total	Total harvested area (m^2)	Percent of total
Lettuce	2.3E9	47	9.5E8	43
Cabbage	1.1E9	22	4.3E8[a]	19
Celery	7.7E8	16	1.4E8[b]	6
Spinach-Greens	2.8E8	6	2.1E8[b]	9
Broccoli	1.8E8	4	2.0E8[a]	9
Cauliflower	1.4E8	3	1.3E8[a]	6
Green Onions	(1.3E8)[c]	3	5.8E7[b]	3
Escarole	5.0E7	1	3.4E7	2
Brussel Sprouts	3.0E7	<1	2.6E7[b]	1
Artichokes	3.0E7	<1	4.4E7[a]	2
	4.9E9		2.2E9	

[a]USDA, 1976.

[b]USDC, 1977.

[c]Green onions are not distinguished from all onions in Ref. a.

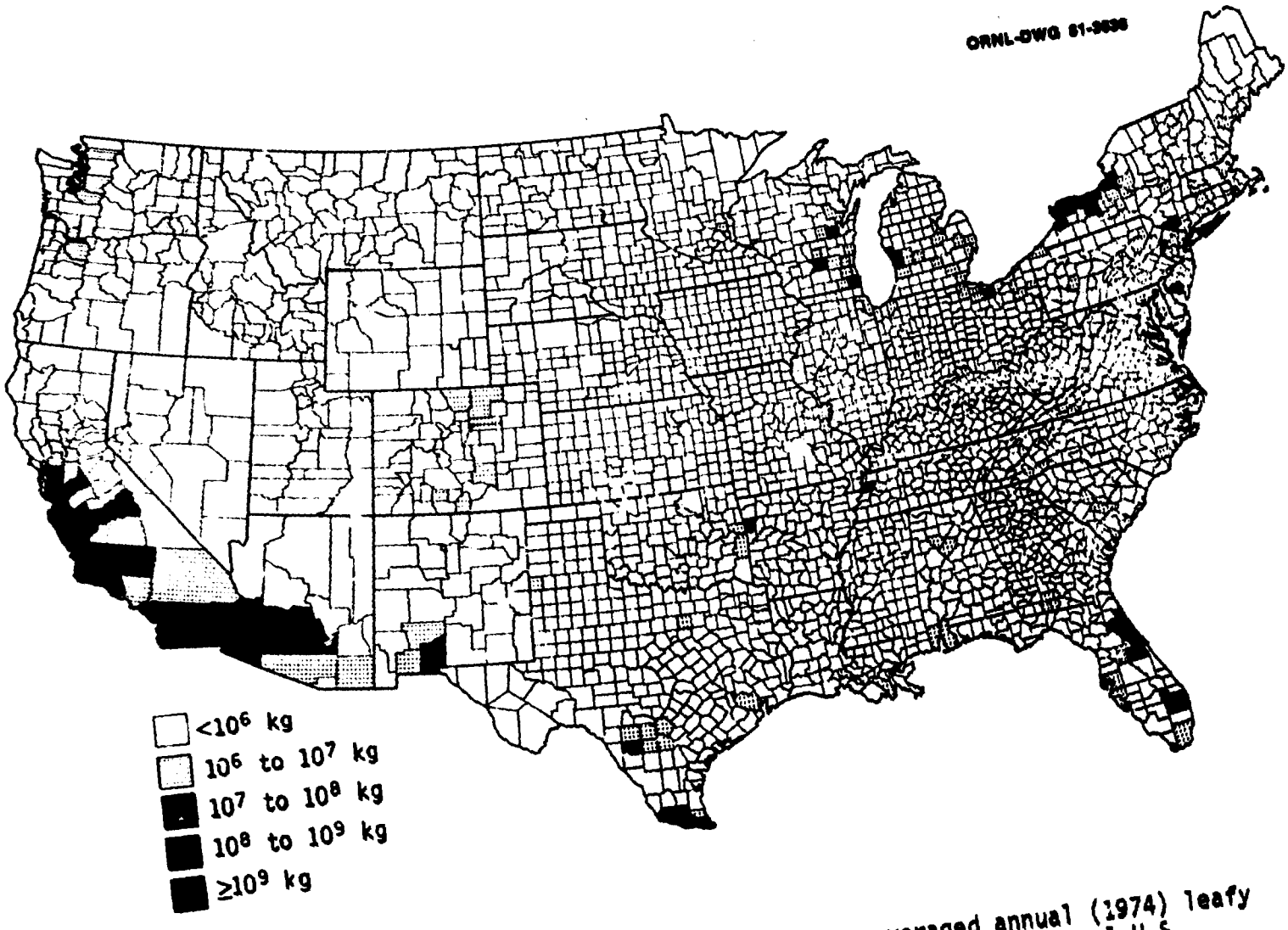

Figure 2. Geographic distribution of county-averaged annual (1974) leafy vegetable production in kilograms in the continental U.S.

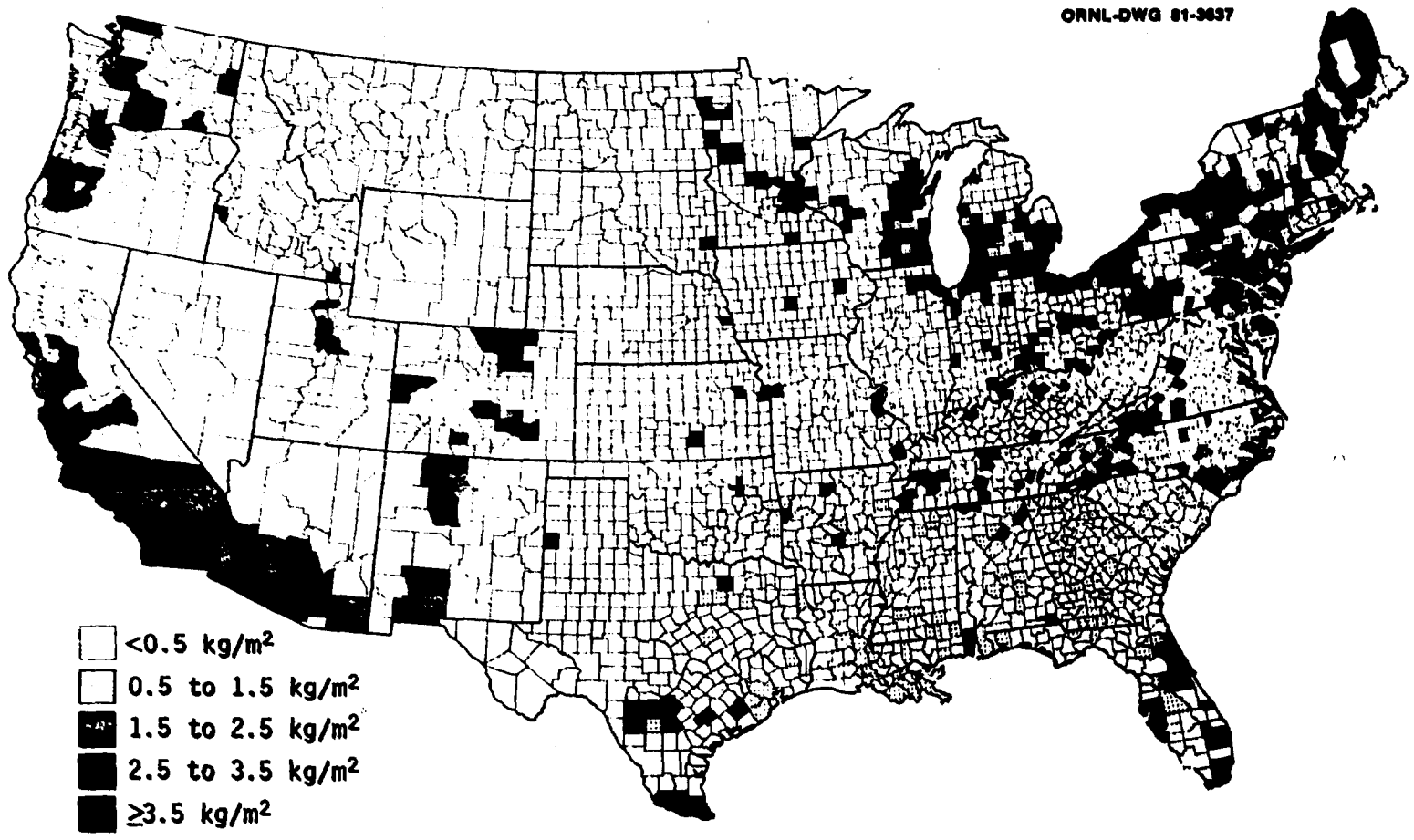

Figure 3. Geographic distribution of county-averaged annual (1974) leafy vegetable productivity in kilograms per square meter in the continental U.S.

only. The productivity values that complement the omissions in the census data for exposed vegetation are shown in Table 6. The source of the values is the four-year averages from USDA-ESCS 1975-1978 unless otherwise indicated. Table 7 gives the relative importance, nationally, of major crops in the exposed produce category. Tomatoes and non-citrus fruits dominate the category.

The geographical distribution of the annual production of exposed produce (Fig. 4) is slightly more diverse than that for leafy vegetables. The major areas of exposed vegetable production include all of those for leafy vegetables and Oregon and Washington. The high production estimates for Washington reflect the importance of apples in that state. The geographical distribution of exposed vegetable productivities is shown in Fig. 5.

3.3 Food from Plants Protected from Airborne Pollutants

Protected vegetation constitutes about 42% by weight of food from plants for human consumption. Approximately 15% of this category is not reported in the census by quantity and area. Productivity values used when quantities were not reported are given in Table 8. The edible portions of nuts and sugar and oil-producing plants differ significantly from the quantities harvested as reported in the census. Therefore, the edible harvest was estimated from the reported harvest using appropriate conversion factors (Table 9).

The relative importance of the crops in the protected category is seen in Table 10. The category is dominated by potatoes, beets, peanuts, and oranges. Maps of both the production and productivity of protected vegetation, Figures 6 and 7, respectively, show a far greater distribution over the U.S. than the distributions for leafy or exposed vegetation. In particular, the importance of potato production in North Dakota, Idaho, and Maine can be seen.

3.4 Grains and Oil Seeds

Wheat, corn, barley, soybeans, oats, rye, and sorghum are crops in the grain category (rice is excluded in our analysis). They comprise

Table 6. State and U.S. productivity estimates for food from plants exposed to airborne pollutants

State	Productivity (kg/m^2, fresh weight)[a]							
	Asparagus	Snap beans	Cucumber	Eggplant	Okra	Green Peppers	Squash	Tomatoes
Alabama		0.40	0.55					0.73
Arkansas		0.48						1.1
California	0.36	0.70	3.0	1.1[b]	0.8[b]	2.0	3.7[b]	5.0
Connecticut		0.45						1.5
Colorado		0.75	2.0					2.7
Delaware		0.47						
Florida		0.40	1.5	2.5		1.2		2.5
Georgia		0.32						0.76
Idaho		0.66						
Illinois	0.12	0.59						0.75
Indiana		0.55	1.7					3.4
Kentucky		0.36				0.92		1.1
Louisiana		0.38				0.55		1.0
Maine		0.76						
Maryland		0.41	1.4					2.0
Massachusetts	0.18	0.46				1.1		2.3
Michigan	0.13	0.50	1.0			0.83		2.4
Minnesota		0.66						
Mississippi		0.29	0.53					
Missouri		0.49						0.95
New Jersey	0.15	0.43	1.8	1.7		0.77		2.4
New Mexico								2.2
New York		0.46	1.3					1.2
North Carolina		0.40	0.61			0.41		1.6
Ohio		0.49	2.3			1.2		4.4
Oklahoma		0.45						

Table 6. State and U.S. productivity estimates for food from plants exposed to airborne pollutants (continued)

State	Productivity (kg/m^2, fresh weight)[a]							
	Asparagus	Snap beans	Cucumber	Eggplant	Okra	Green Peppers	Squash	Tomatoes
Oregon		0.98	1.4			0.63		5.6
Pennsylvania		0.49						3.4
South Carolina		0.34	0.73		1.0[c]		1.3[c]	1.1
Tennessee		0.43	1.8[d]		0.90[d]	1.4[d]		1.4
Texas		0.50	1.1		0.56	0.87		1.2
Utah		0.61						
Virginia		0.35	0.90					1.9
Washington	0.35	0.64	2.4					1.9
West Virginia		0.43						
Wisconsin		0.57	1.1					
U.S.	0.27	0.55	1.1	2.3	1.1[e]	1.1	2.2[e]	4.1

[a]Average 1975-1978 productivity from USDA-ESCS tape unless otherwise indicated.

[b]Halverson, 1980.

[c]Clemson, 1976.

[d]Rutledge, 1980.

[e]Knott, 1957.

Table 7. Relative importance of crops comprising the food from plants exposed to airborne pollutants category

Crop	U.S. Production (kg)	Percent of total	Total harvested area[a] (m^2)	Percent of total
Tomatoes	7.3E9[b]	39	1.7E9	16
Grapes	3.8E9[a]	20	2.4E9	22
Apples	2.9E9[a]	15	1.7E9	16
Peaches	1.3E9[a]	7	8.2E8	8
Cucumbers	7.5E8[b]	4	4.1E8	4
Pears	6.6E8[b]	4	3.3E8	3
Prunes & Plums	5.9E8[b]	3	2.0E8	2
Squash	3.4E8[a]	2	1.6E8	2
Bushberries[c]	3.0E8[a]	2	4.6E8	4
Strawberries	2.4E8[b]	1	1.5E8	1
Sweet peppers	2.4E8[b]	1	2.0E8	2
Snap beans	1.3E8[b]	<1	1.2E9	11
Cherries	1.3E8[a]	<1	3.9E8	4
Asparagus	1.2E8[b]	<1	4.2E8	4
Eggplant	2.2E7[b]	<1	1.7E7	<1
Total[d]	1.9E10		1.1E10	

[a]USDC, 1977.

[b]USDA, 1976.

[c]Includes blueberries, cranberries, blackberries, raspberries, currants, gooseberries, dewberries, and boysenberries.

[d]Excludes dates, dill, hops, figs, mangoes, nectarines, okra, olives, papayas, rhubarb, guavas, and sesame, which are included in the exposed produce category in our analyses.

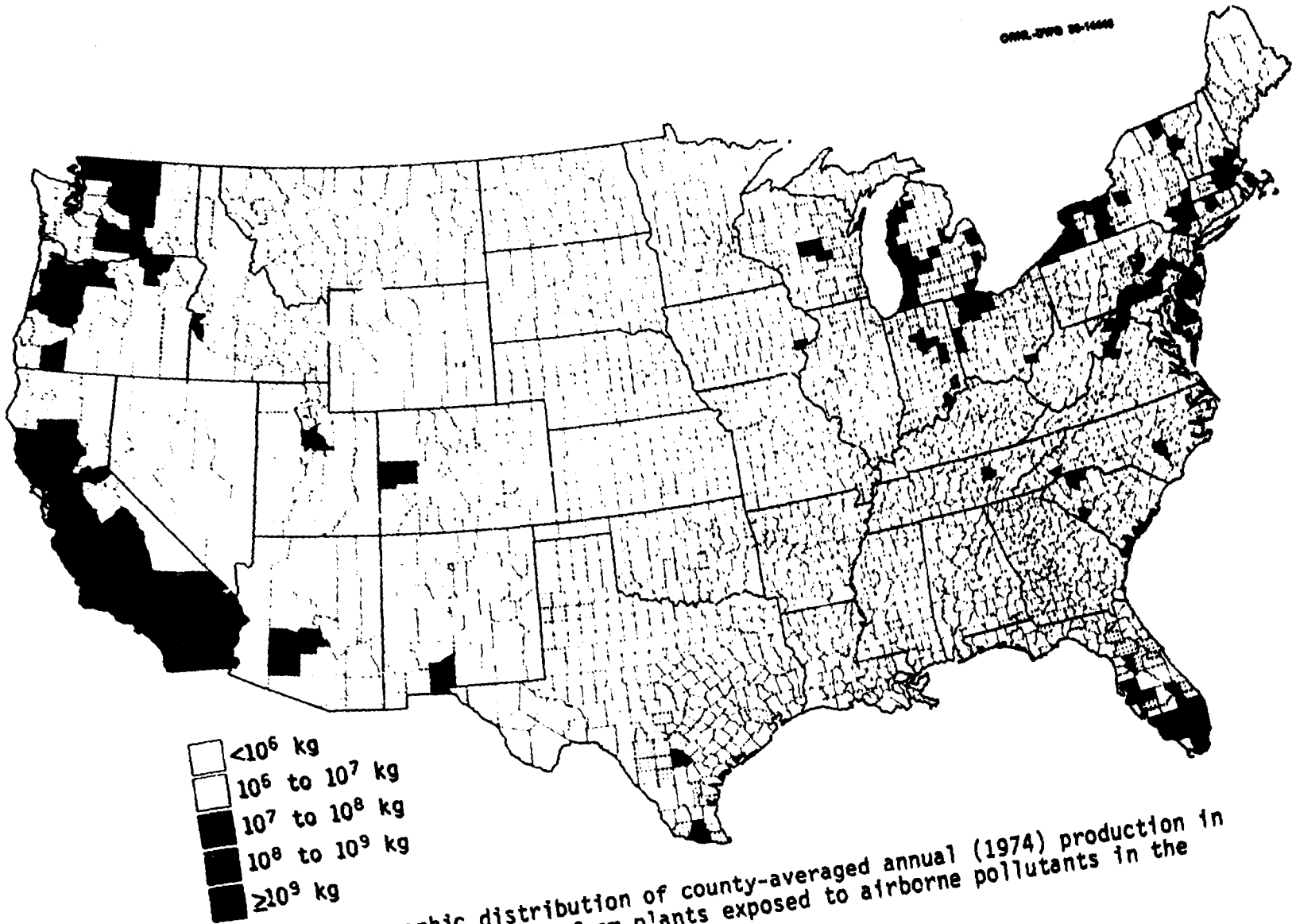

Figure 4. Geographic distribution of county-averaged annual (1974) production in kilograms of food from plants exposed to airborne pollutants in the continental U.S.

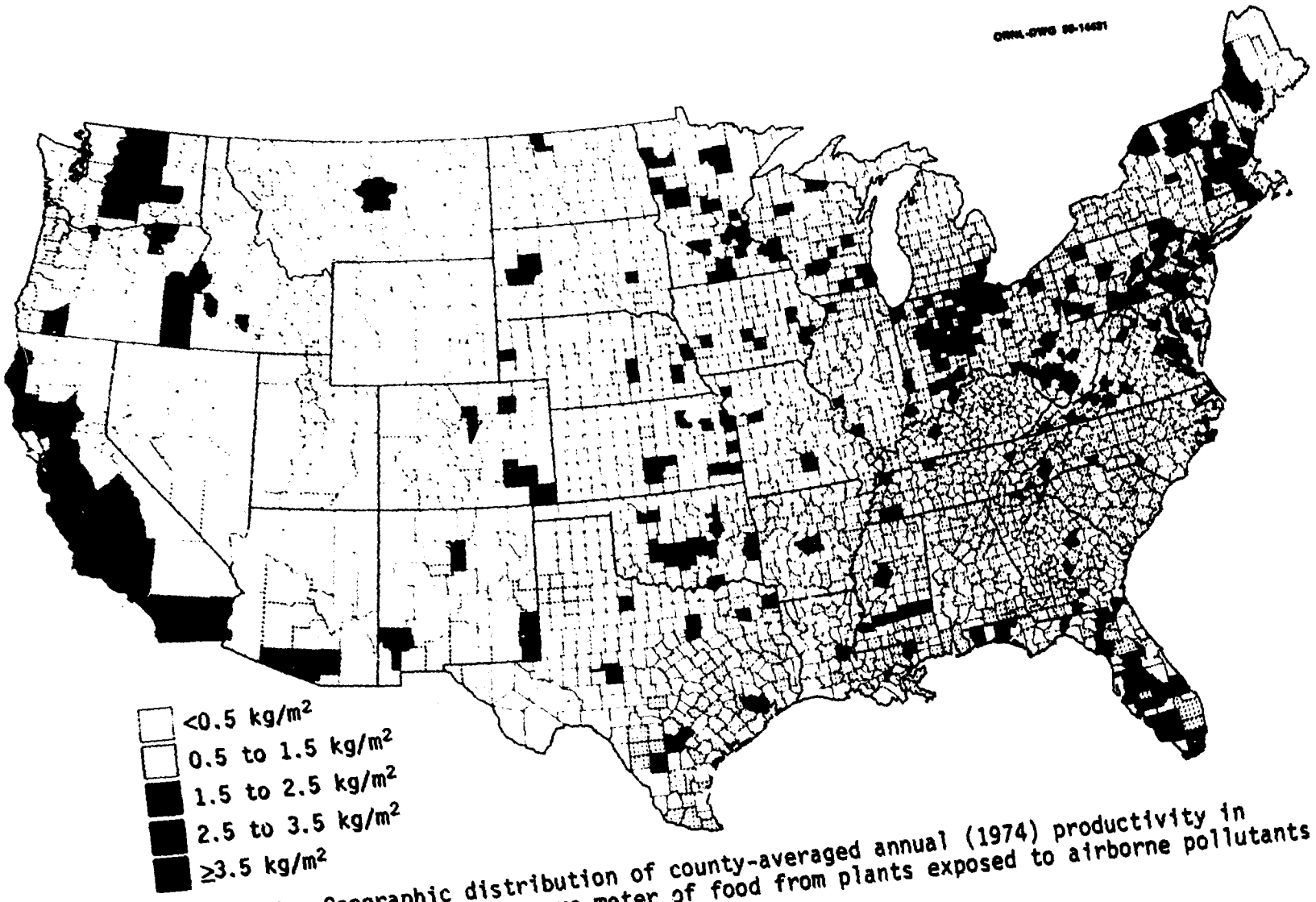

Figure 5. Geographic distribution of county-averaged annual (1974) productivity in kilograms per square meter of food from plants exposed to airborne pollutants in the continental U.S.

Table 8. State and U.S. productivity estimates for food from plants protected from airborne pollutants

State	Productivity (kg/m², fresh weight)[a]											
	Beets	Cantaloupes	Carrots	Honeydew melons	Green lima beans	Onions	Peas	Pumpkins	Radishes	Sweet corn	Turnips	Watermelon
Alabama										0.78		0.77
Arizona		1.5	1.4	1.7		4.9						1.8
Arkansas					0.21							0.89
California		1.6	3.0	2.4	0.36	3.8	0.36	3.3	0.80[b]	0.80	1.3[b]	2.1
Connecticut										0.76		
Colorado		1.8	2.8			3.7	0.30			1.1		
Delaware					0.18		0.29			0.90		1.8
Florida										1.0		2.0
Georgia		0.7										0.95
Idaho		1.4			0.40	5.4	0.28			1.4		
Illinois			3.3		0.20		0.34			1.1		
Indiana		1.6				3.1				0.80		1.7
Iowa							0.35			1.0		
Louisiana												0.92
Maine							0.23					
Maryland					0.17		0.30			0.86		1.9
Massachusetts			2.3							0.84		
Michigan		0.88	2.8		0.15	3.4	0.29			0.69		
Minnesota			4.6		0.20	2.6	0.28			1.1		
Mississippi					0.45							0.84
Missouri												1.2
Montana							0.33			1.0		
New Hampshire										0.78		
New Jersey					0.23	1.8	0.36			0.78		
New Mexico						3.7						
New York	3.2		3.7		0.27	3.2	0.31			0.92		
North Carolina										0.65		0.64
Ohio		1.5			0.20	4.2	0.21			0.88		
Oklahoma												0.95
Oregon			4.8		0.36	5.5	0.25			1.7		

Table 8. State and U.S. productivity estimates for food from plants protected from airborne pollutants (continued)

State	Productivity (kg/m², fresh weight)[a]											
	Beets	Cantaloupes	Carrots	Honeydew melons	Green lima beans	Onions	Peas	Pumpkins	Radishes	Sweet corn	Turnips	Watermelon
Pennsylvania					0.11		0.29[d]			0.80		
South Carolina		0.47					0.51[d]			0.56		0.60
Tennessee		1.4[b]			0.13					0.56[c]		2.9[b]
Texas	1.5	1.2	1.9	1.3		2.0				0.87		1.1
Utah					0.46	3.6	0.37					
Virginia					0.13		0.24			1.0		
Washington			4.6		0.36	4.5	0.36			1.5		
West Virginia										0.70		
Wisconsin	2.7		4.7		0.23	3.1	0.26			0.90		
Wyoming							0.51					
U.S.	2.9	1.5	3.0	2.0	0.27	3.5	0.30	2.2[e]	1.1[e]	1.1	1.1[e]	2.0

[a]Average 1975-1978 productivity from USDA-ESCS tape unless otherwise indicated.

[b]Halverson, 1980.

[c]Rutledge, 1980.

[d]Clemson, 1976.

[e]Knott, 1957.

Table 9. The edible fraction, f_e, of various crops classified as protected food from plants[a]

Item	f_e	Comments
Almonds	0.50	shelled weight/unshelled weight
Filberts	0.40	shelled weight/unshelled weight
Peanuts	0.67	shelled weight/unshelled weight
Pecans	0.40	shelled weight/unshelled weight
Pistachios	0.50	shelled weight/unshelled weight
Safflower	0.60	oil/seed
Sugar beet	0.12	refined weight/bulk weight of beets
Sugar cane	0.10	refined weight/bulk weight of cane
Sunflower	0.60	oil/seed

[a]USDA, 1976.

Table 10. Relative importance of crops comprising the food from plants protected from airborne pollutants category

Crop	U.S. Production (kg)	Percent of total	Total harvested area (m^2)	Percent of total
Potatoes	1.4E10[a]	34	5.6E9[a]	15
Oranges	9.5E9[a]	23	2.9E9[b]	8
Sugar beets	2.7E9[a]	6	4.9E9[a]	13
Sweet corn	2.5E9[a]	6	2.6E9[b]	7
Grapefruit	2.3E9[a]	6	7.8E8[a]	2
Sugar cane	2.3E9[a]	6	2.8E9[a]	7
Onions	1.5E9[a]	4	4.4E8[a]	1
Peanuts	1.4E9[b]	3	5.5E9[b]	15
Watermelon	1.1E9[a]	3	8.7E8[a]	2
Carrots	1.0E9[a]	2	3.1E8[a]	1
Lemons	1.0E9[a]	2	2.5E8[b]	1
Dry beans	9.2E8[a]	2	6.2E9[a]	17
Sweet potatoes	6.3E8[a]	2	4.9E8[b]	1
Cantaloupes	4.4E8[a]	1	2.8E8[a]	1
Dry peas	1.5E8[a]	<1	8.9E8[a]	2
Tree nuts	1.5E8[a]	<1	2.6E9[b]	7
Total[c]	4.2E10		3.7E10	

[a]USDA, 1976.

[b]USDC, 1977.

[c]Does not include avocados, popcorn, pumpkins, radishes, spices (mint, ginger, mustard seed), sunflower seeds, tangerines, turnips, taro, garlic, limes, tangelos, kumquats, and honeydew melons, that are included in protected produce category in our analyses.

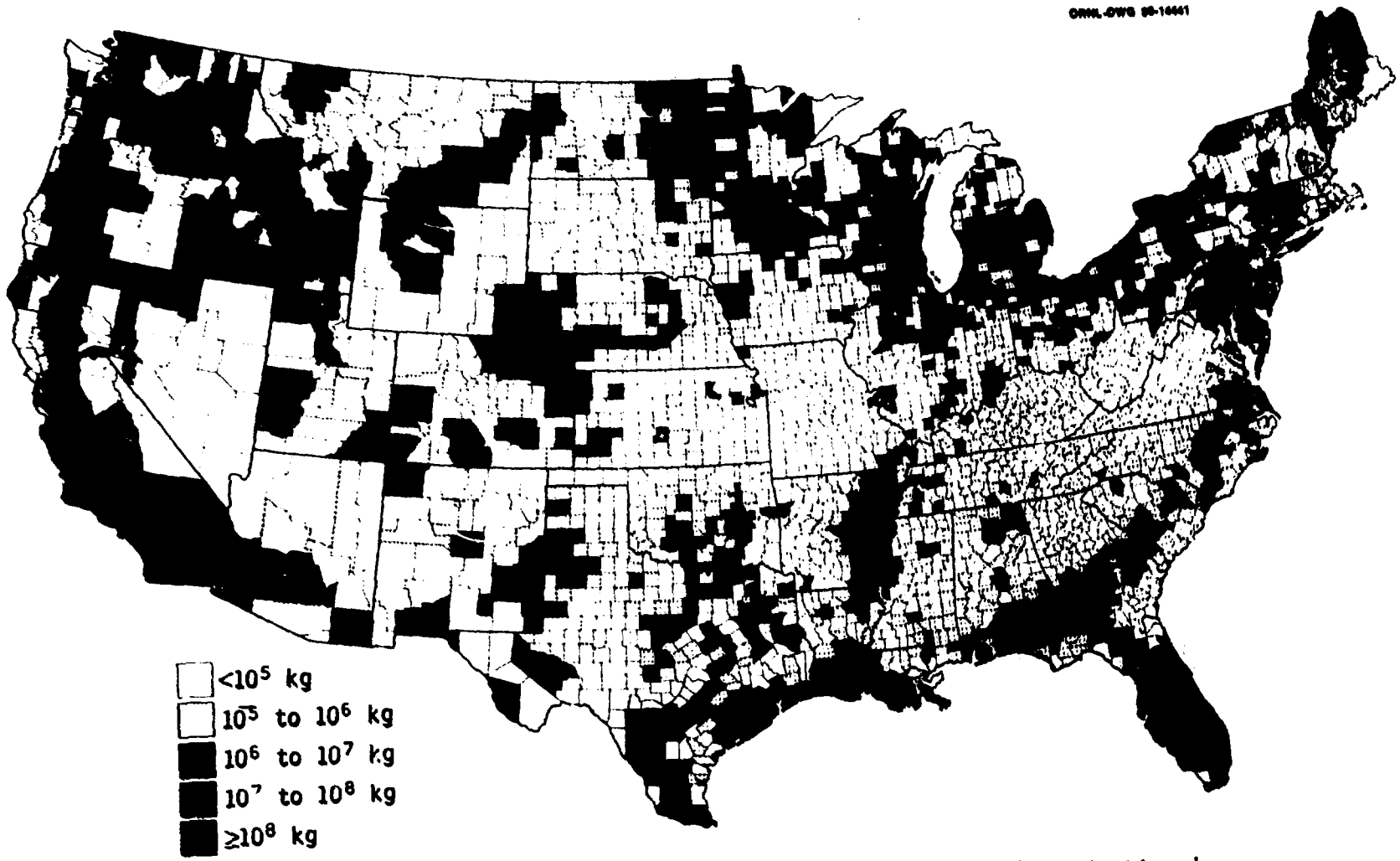

Figure 6. Geographic distribution of county-averaged annual (1974) production in kilograms of food from plants protected from airborne pollutants in the continental U.S.

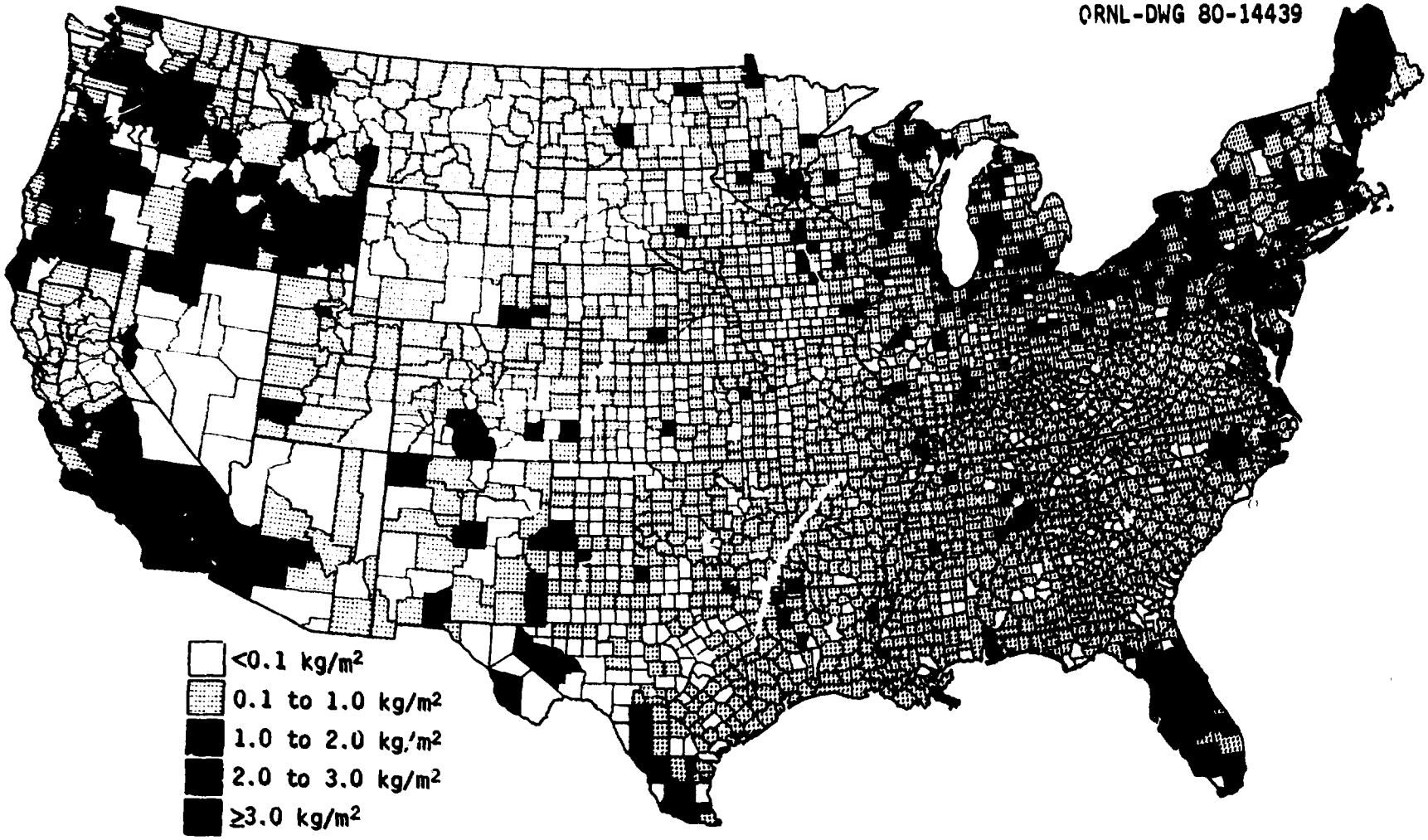

Figure 7. Geographic distribution of county-averaged annual (1974) productivity in kilograms per square meter of food from plants protected from airborne pollutants in the continental U.S.

about 31% of the harvested food found in the 1974 census. Soybean use as food is primarily as oil, and livestock feeds are residues made from crushed oil seeds. Oil from cottonseeds and molasses from sorghum grain have been omitted from our analysis of food grains because they are relatively unimportant in the human diet and in the total use of the crop.

Both quantity and area are reported for each of these crops in the census. Therefore, no estimates of productivity from other sources were needed in our analysis. However, the major portion of grain crops is fed to livestock or exported. The fraction of grain production of each crop used for food remains fairly constant from year to year according to USDA estimates (USDA, 1976). Of the total grain production of these crops, about 14% is consumed as food and alcoholic beverages. The fraction of each crop consumed for food is assumed to be a geographical constant, also. The carryover stocks and exports that do vary annually are not used in the estimation of grains for food. The fractions of grains used for food or feed are shown in Table 11 as estimated by the USDA (1976). The productivity of the grain and oil seed category (P_{gh}) for each county is found by the relation:

$$P_{gh} = \frac{\sum_{i=1}^{n} f_{hi} \cdot Y_{hi}}{\sum_{i=1}^{n} f_{hi} \cdot A_{hi}}, \qquad (4)$$

where

f_{hi} = the fraction of grain crop i which is used for human food.

Maps of the production and productivity of grains for food are shown in Figs. 8 and 9, respectively. Grain production is extremely widespread in the continental United States. Of all crop categories for human foods, grains are the most significant in the midwestern and western states. Areas of high grain crop productivity, unlike the other crop categories, do not coincide well with areas of high production. In general, areas with high crop productivities occur in the Ohio Valley, Northeast, and the Midwest.

Table 11. The disposition of grains for human food, livestock feed, and exports[a]

Crop	Total Production (kg)	Human food (kg)	Human food (%)[b]	Livestock feed (kg)	Livestock feed (%)[b]	Exports (kg)	Exports (%)[b]
Corn	1.3E11	1.2E10	10	8.1E10	68	2.9E10	25
Wheat	4.9E10	1.4E10	29	4.2E9	8.6	2.8E10	57
Soybeans	3.3E10	1.7E9	5.0	1.1E10	35	1.1E10	33
Sorghum	1.6E10	--	--	1.1E10	69	5.4E9	34
Oats	8.9E9	7.25E8	8.1	8.5E9	95	1.6E8	1.8
Barley	6.6E9	3.2E9	48	4.0E9	61	9.1E8	14
Cottonseed	4.1E9	--	--	3.50E9	42	4.0E8	10
Rye	4.8E8	1.7E8	36	2.4E8	51	2.2E8	46

[a]USDA, 1976.

[b]Percent of total production for each crop. Percentages may not sum to 100% for a single crop because carryover stocks are not shown in the table.

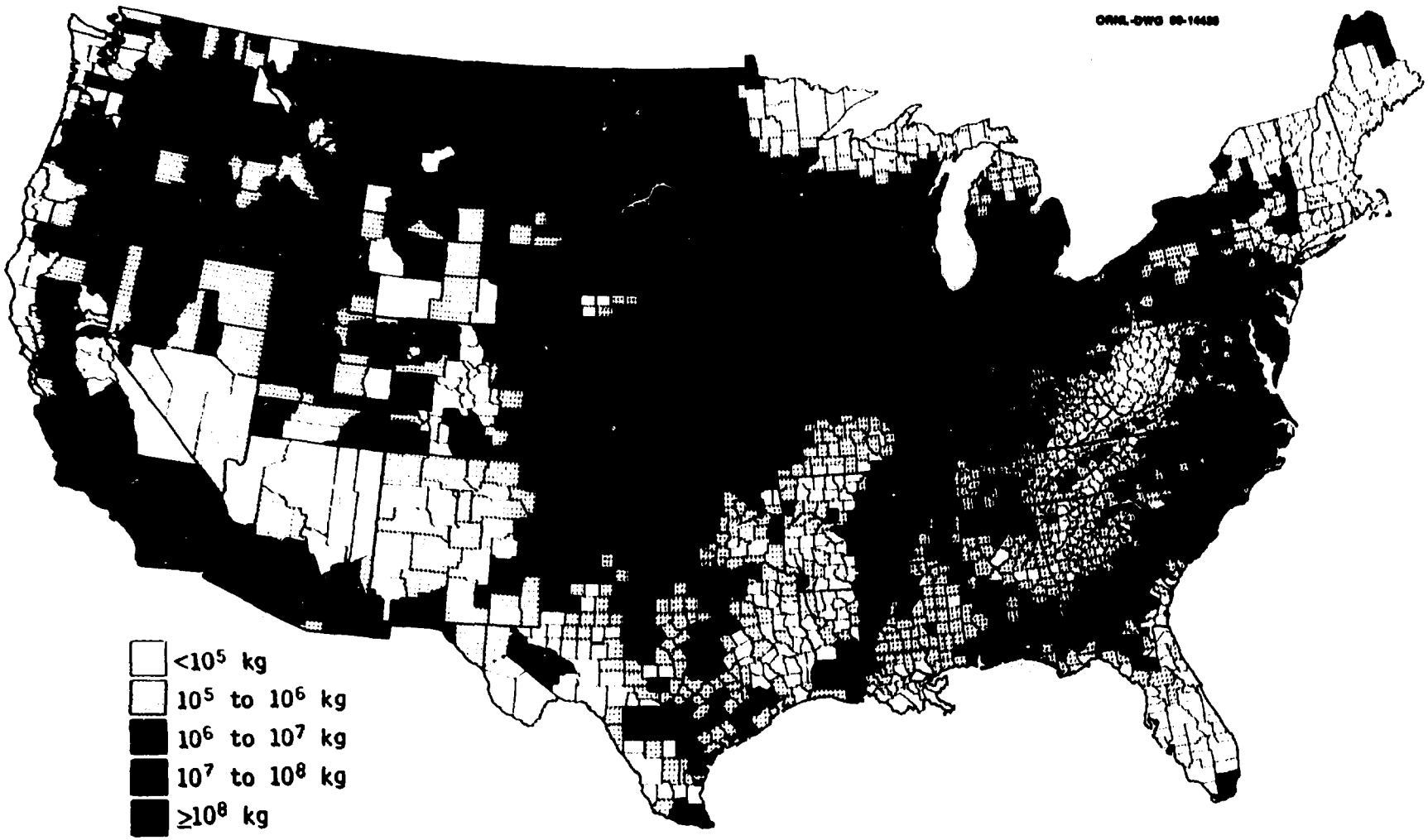

Figure 8. Geographic distribution of county-averaged annual (1974) production in kilograms of grain for human consumption in the continental U.S.

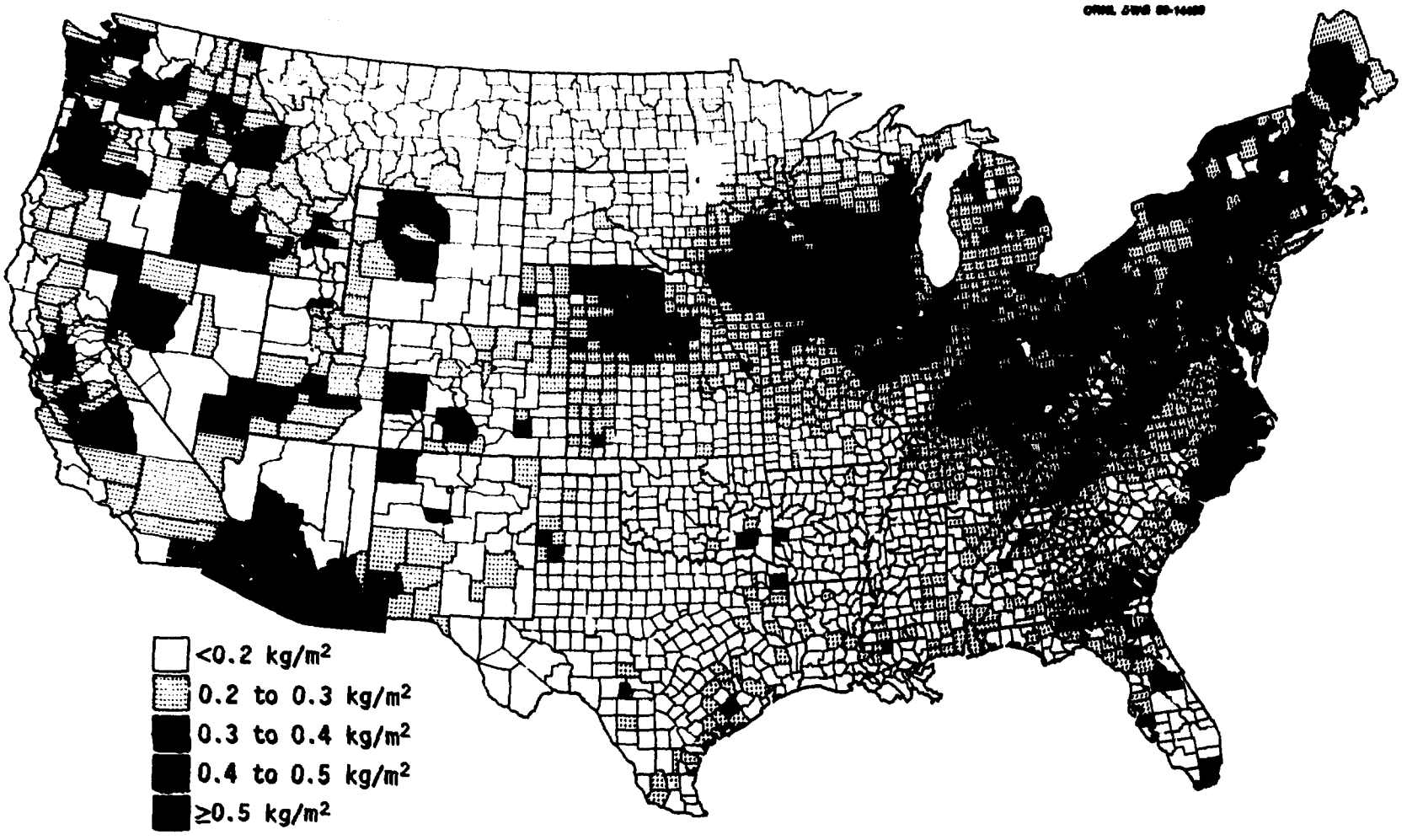

Figure 9. Geographic distribution of county-averaged annual (1974) productivity in kilograms per square meter of grain for human consumption in the continental U.S.

Appendix B summarizes our analysis of vegetation for human consumption in the four categories by county and state. Included also in Appendix B is honey production.

3.5 Food Consumption Estimates

The total U.S. production of food crops in 1974 is estimated at 9.24E10 kg (Appendix B). The estimated U.S. population as of July 1, 1974, is 2.09E8 civilians (USDA, 1975). Assuming no import or export of food from plants other than grain suggests an average consumption of 440 kg vegetables per person in 1974, assuming no losses due to shrinkage, spoilage, or waste. It is interesting to compare this per capita food consumption estimate with consumption survey reports and civilian consumption estimates (Rupp, 1980; USDA, 1979b).

Rupp's review of consumption studies and the USDA per capita civilian consumption estimates are difficult to compare with our results because food categories are different, and Rupp's estimates are daily consumption rates extrapolated to annual rates. However, if our categories are combined, some comparisons may be made (Table 12). In general, all consumption estimates show the same trends. Rupp's "best estimate" rates yield the lowest estimates and our results the highest estimates of annual per capita consumption. Both show leafy vegetables to be less than 8% by weight of the total diet. Both the "best estimate" and twenty-four hour recall surveys reported by Rupp indicate grains to be about one-fifth of the U.S. diet, while our results agree more closely with the USDA report that grains are about one-third of the U.S. diet. In the former two estimates, it is probable that the consumption of grain used in making alcoholic beverages is underestimated.

Consumption estimates are subject to errors in sampling, survey structure, and other inaccuracies. For example, the production values from Appendix B are, in part, estimated from assumed productivities and refer to harvested forms of the crops. The per capita consumption estimates derived via dividing by U.S. population do not include supply adjustments for import and export (except grain) nor losses due to shrinkage, spoilage, waste, or food preparation, and thus probably are

Table 12. Comparison of annual per capita food consumption rate estimates

Category	1974 Production / 1974 Population[a]	USDA per capita civilian consumption, 1974[b]	Twenty-four hour recall surveys of adults[c]	"Best estimate"[d]
	kg/yr			
Leafy vegetables	25	---	---	15
Leafy, exposed, and protected vegetables	299	234[e]	248	165
Grains	141[c]	134[e]	63[e]	35
Total	440[f]	368	311	200[f]

[a]Based on 1974 U.S. population of 2.10E8 and U.S. production from Appendix B.

[b]USDA, 1979b. Estimates for the year 1974.

[c]Rupp, 1980 (Table 1, 1965). Sugar assumed to be 43% domestically produced (excluding Hawaii).

[d]Rupp, 1980 (Table 8). Values determined by weighting age categories as follows: <1 = 0.015, 1-11 = 0.168, >11-18 = 0.153, and >18 = 0.664.

[e]Excludes rice.

[f]Leafy vegetables are included in second category.

conservative estimates. Similarly, the USDA civilian consumption quantities are based on total supply and disappearances of food commodities in the U.S. that include adjustments before retail sales, but not after. In short, each approach to determination of per capita consumption in Table 12 has its limitations. The estimate obtained by dividing U.S. production by U.S. population probably provides a reasonable upper limit estimate of average annual consumption for use in assessment models.

4.0 LIVESTOCK AND THEIR PRODUCTS

4.1 Milk Cows

Dairy milk cows (milk cows and heifers that have calved) are reported in the census in two categories: (1) the number of milk cows and (2) the number of milk cows on farms having only 1 to 2 cows (Appendix D). The second category gives an estimate of non-commercial milk producers whose milk is consumed on the farm. The number of cows in this category continues to decline with time. The USDA estimates that milk production for farm food use declined from 1.56E9 kg in 1965 to 6.83E8 kg in 1975, a factor of more than two.

Milk production, as indicated by numbers of milk cows, is concentrated mainly in Wisconsin, Minnesota, New York, Pennsylvania, California, and Washington (Fig. 10). Most U.S. counties contain less than 10,000 milk cattle. Milk production in kilograms, by county, may be obtained from the reported milk cow inventory in Appendix D by multiplying the inventory by the state average milk production per cow estimates given in Table 13.

4.2 Beef Cattle

The census contains records of inventory and sales of cattle in several categories. By state, none of these records corresponds closely to state records of cattle slaughter made by the USDA. The common assumption in assessments, that local food is consumed locally, is shown by these records to be questionable for beef. Cattle, of course, are known to be shipped across state lines for slaughter. However, the most conservative assumption for assessment purposes is that beef grown locally is consumed in the same locale, i.e., "the area of interest" (USNRC, 1977). If the shipping of cattle to slaughter is ignored (in the absence of a model to describe it), the national average of cattle slaughtered per year to total U.S. cattle and calf inventory is the best approximation of a slaughter factor. This factor is the number of cattle and calves slaughtered in the U.S., 3.82E7 head/yr (USDA, 1975), divided by the inventory number of cattle and calves reported in the census, 1.13E8 head, or 0.34/yr, where the calves slaughtered have been counted as average weight

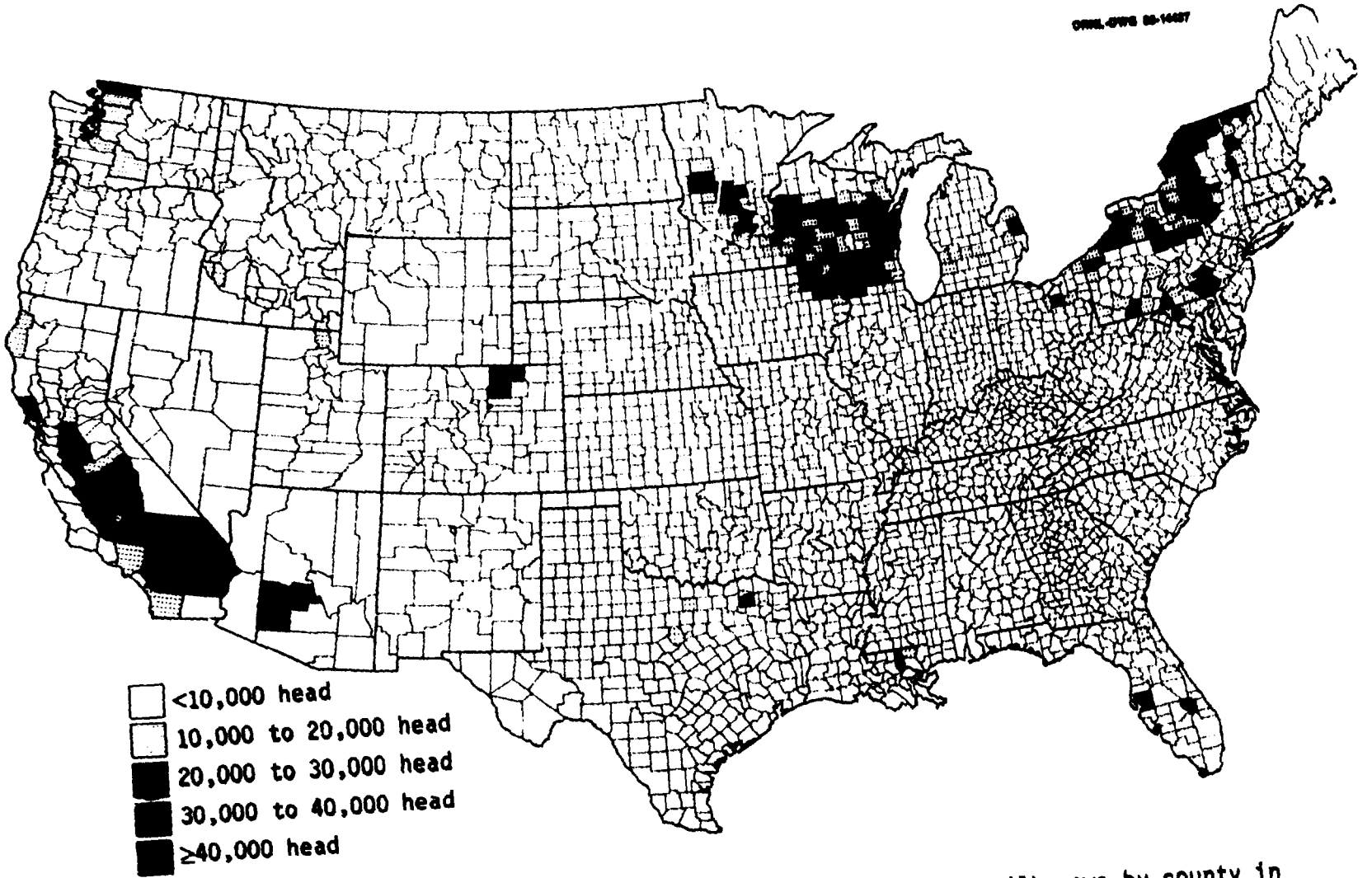

Figure 10. Geographic distribution of the (1974) inventory of milk cows by county in the continental United States.

Table 13. Average annual milk and milk fat production per cow by state in 1974[a]

State	Milk and milkfat production (kg/yr/cow)	State	Milk and milkfat production (kg/yr/cow)
Alabama	3506	Nebraska	4395
Arizona	6136	Nevada	5604
Arkansas	3606	New Hampshire	4840
California	6248	New Jersey	5184
Colorado	5356	New Mexico	5575
Connecticut	5245	New York	5101
Delaware	4934	North Carolina	4746
Florida	4384	North Dakota	3682
Georgia	4303	Ohio	4879
Idaho	4906	Oklahoma	4307
Illinois	4661	Oregon	5199
Indiana	4834	Pennsylvania	4780
Iowa	4651	Rhode Island	5019
Kansas	4485	South Carolina	4257
Kentucky	3753	South Dakota	4416
Louisiana	3635	Tennessee	4083
Maine	4790	Texas	4548
Maryland	5204	Utah	5576
Massachusetts	5163	Vermont	4740
Michigan	4872	Virginia	4837
Minnesota	4914	Washington	6012
Mississippi	3307	West Virginia	3920
Missouri	4475	Wisconsin	4889
Montana	4935	Wyoming	4380
U.S. average	4844		

[a]Reference: USDA, 1976.

cattle [(average weight of calf/average weight of cattle) * number of calves]. If calves are not counted as equivalent weight cattle, then the fraction slaughtered is 0.36 (4.1E7/1.13E8 = 0.36).

In Table 14 the cattle and calves inventory from the census is compared with the number of cattle slaughtered by state (on basis of equivalent weight cattle) from the USDA (USDA, 1975). It is evident that transport of cattle in and out of state for slaughter is widespread. Therefore, we recommend the fraction of the inventory slaughtered to be approximately 35% for most assessment purposes.

Appendix D lists the cattle and calves inventory, the number of cattle sold which had fattened on grain and concentrates more than 30 days during the year, and the number of beef cows on farms having 1-4 beef cows. The latter category may be a guide to local slaughter and consumption. However, this category is not as good an indicator of local farm consumption of beef as the one-two milk cows category is for milk, since beef cattle may be marketed in small numbers, but commercial milk producers require a much larger herd to maintain an economically viable operation.

Geographic distributions of the cattle and calves inventory, and the number of cattle fattened on grain sold are shown in Figs. 11 and 12, respectively. Comparison of the two maps indicates that while beef production is relatively important and widespread west of the Mississippi River, feed lot operations are important mostly in California, Iowa, Nebraska, Kansas, Colorado, West Oklahoma, and North Texas.

4.3 Hogs, Sheep, Turkeys, and Chickens

Meat pathways other than beef are not presently included in most terrestrial food-chain assessment models (USNRC, 1977; Moore et al., 1979). Traditionally, the lack of information on production and transfer factors for pork, poultry, and mutton or lamb and perceived insignificance of non-beef meat pathways have resulted in beef being used as a surrogate for all meats in assessments. However, the production data from the census for livestock other than cattle may provide a basis for a more complete assessment of the meat pathway. The live-weights in kilograms of cattle, chickens, hogs, sheep, and turkeys slaughtered in 1974 are

Table 14. Cattle and calves inventory and annual slaughter by state in 1974

State	Cattle and calves inventory[a] (head)	Rank	Cattle slaughtered[b] (head/yr)	Rank	Slaughter factor (yr^{-1})
Texas	1.338E7	1	4.189E6	3	.31
Iowa	6.658E6	2	4.469E6	2	.67
Nebraska	6.215E6	3	4.755E6	1	.77
Kansas	5.591E6	4	2.618E6	5	.47
Missouri	5.298E6	5	9.119E5	11	.17
Oklahoma	4.944E6	6	7.043E5	14	.14
South Dakota	4.523E6	7	7.130E5	13	.16
California	4.425E6	8	2.997E6	4	.68
Wisconsin	4.218E6	9	1.324E6	8	.31
Minnesota	3.666E6	10	1.314E6	9	.36
Montana	3.212E6	11	1.854E5	35	.058
Colorado	3.088E6	12	2.298E6	6	.74
Kentucky	3.033E6	13	2.148E5	32	.071
Illinois	2.899E6	14	1.335E6	7	.46
Tennessee	2.751E6	15	5.362E5	17	.19
North Dakota	2.404E6	16	2.174E5	31	.090
Florida	2.367E6	17	4.463E5	21	.19
Mississippi	2.270E6	18	4.146E5	23	.18
Alabama	2.204E6	19	2.272E5	30	.10
Georgia	2.023E6	20	3.631E5	25	.18
Idaho	1.917E6	21	5.547E5	16	.29
Arkansas	1.960E6	22	2.136E5	33	.11
Ohio	1.899E6	23	9.691E5	10	.51
Indiana	1.827E6	24	4.760E5	19	.26
New York	1.753E6	25	3.722E5	24	.24
Pennsylvania	1.762E6	26	7.740E5	12	.44

Table 14. Cattle and calves inventory and annual slaughter by state in 1974 (continued)

State	Cattle and calves inventory[a] (head)	Rank	Cattle slaughtered[b] (head/yr)	Rank	Slaughter factor (yr^{-1})
Virginia	1.704E6	27	1.873E5	34	.11
Wyoming	1.599E6	28	2.290E4	42	.014
Oregon	1.559E6	29	2.997E5	26	.19
New Mexico	1.553E6	30	4.225E5	22	.27
Louisiana	1.516E6	31	2.789E5	27	.18
Michigan	1.430E6	32	6.416E5	15	.45
U.S.	1.129E8	--	3.825E7	--	.34

[a] 1974 Census.

[b] USDA, 1975.

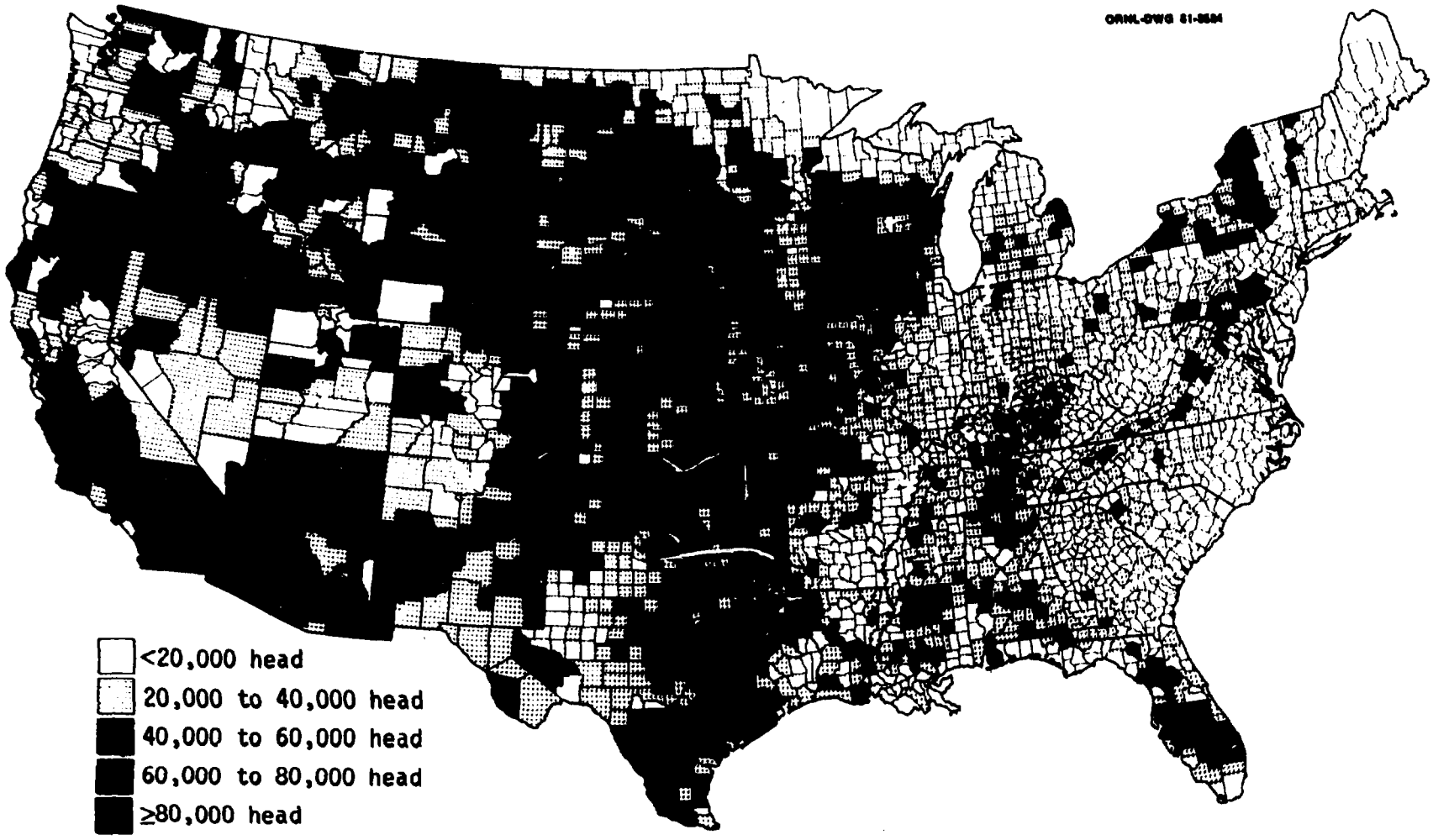

Figure 11. Geographic distribution of the (1974) inventory of cattle and calves by county in the continental United States.

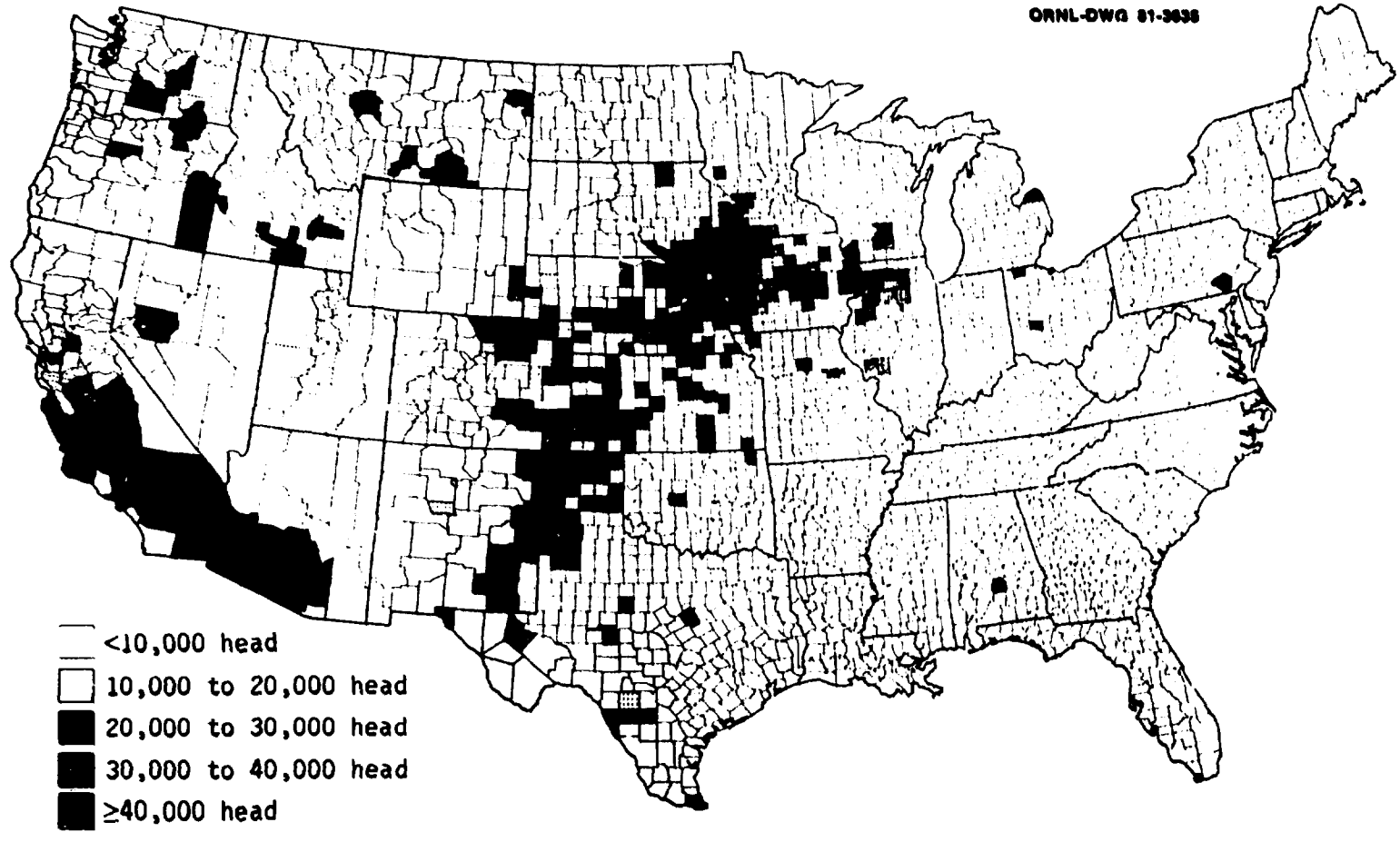

Figure 12. Geographic distribution of the (1974) number of cattle sold that were fed grain and concentrates by county in the continental United States.

given in Table 15, and factors for estimating beef, chicken, egg, milk, mutton, pork, and turkey production from entries in Appendix D are given in Table 16. Geographic distributions of hog sales, sheep sales, turkey sales, and dressed weight of chicken are shown in Figs. 13, 14, 15, and 16, respectively. Comparison of these figures shows the importance of hog production in the Midwest, sheep production in the West, turkey production in California, and chicken production in the South.

Hog, chicken, and turkey sales reported in the census correspond roughly to the number of animals slaughtered for food, because these animals are brought to market in less than a year from birth. Although the number sold of these animals is our best estimate of slaughter (leading to an estimate of meat production), it should be remembered that some sales may support new breeding stocks, and not all slaughtered animals pass Federal inspection for commercial food processing. In 1974, 0.6% of all poultry meat was condemned after Federal inspection (USDA, 1974).

In Table 16, U.S. average values of slaughter weight, dressed-to-live weight ratios, egg production and weight, and milk production from the USDA (USDA, 1975) have been provided. However, the geographic variation in these factors, evidenced by annual milk production per cow (Table 13), suggests the use of site-specific values whenever available.

Table 15. Live weights of slaughtered meat-producing animals in 1974[a]

Animal	U.S. total			
	Slaughter (head)	Live weight (kg)	Percent of total	Average live weight (kg)
Cattle	3.8E7[b]	1.8E10	53	477
Hogs	8.3E7	9.0E9	27	109
Chickens	3.1E9	5.4E9	16	1.74
Turkeys	1.3E8	1.1E9	3	8.32
Sheep	9.1E6	4.3E8	1	47.2

[a]USDA, 1976.

[b]Includes equivalent weight calves.

Table 16. Factors for calculation of annual prodction of livestock products (kg/yr)[a]

Product	Entry from Appendix D	multiply by: Slaughter factor (yr^{-1})	Weight at slaughter (kg/animal)	Dressed weight / Live weight[b]	Annual egg production (egg/hen)	Weight of egg (kg/egg)	Annual milk production (kg)
Beef	cattle and calf inventory	0.34[c] (0.35)[d]	477[e] (452)[f]	0.56	---	---	---
Chicken	dressed weight of chicken	---	---	---	---	---	---
Eggs	hens of laying age	---	---	---	231[b]	0.06[b]	---
Lamb	sheep sold	0.67	47.2	0.48	---	---	---
Milk	milk cows	---	---	---	---	---	4884[g]
Pork	hogs sold	1	109	0.72	---	---	---
Turkey	turkeys sold	1	8.32	0.80	---	---	---

[a]Multiply entry listed in Appendix D by all factors in appropriate row.

[b]USDA, 1975.

[c]Fraction includes adjustment for weight of average calf at slaughter. See Table 14 for state average values.

[d]Fraction does not include adjustment for weight of average calf at slaughter.

[e]Average weight of mature cattle slaughtered.

[f]Average weight of cattle and calves slaughtered.

[g]See Table 13 for state average values.

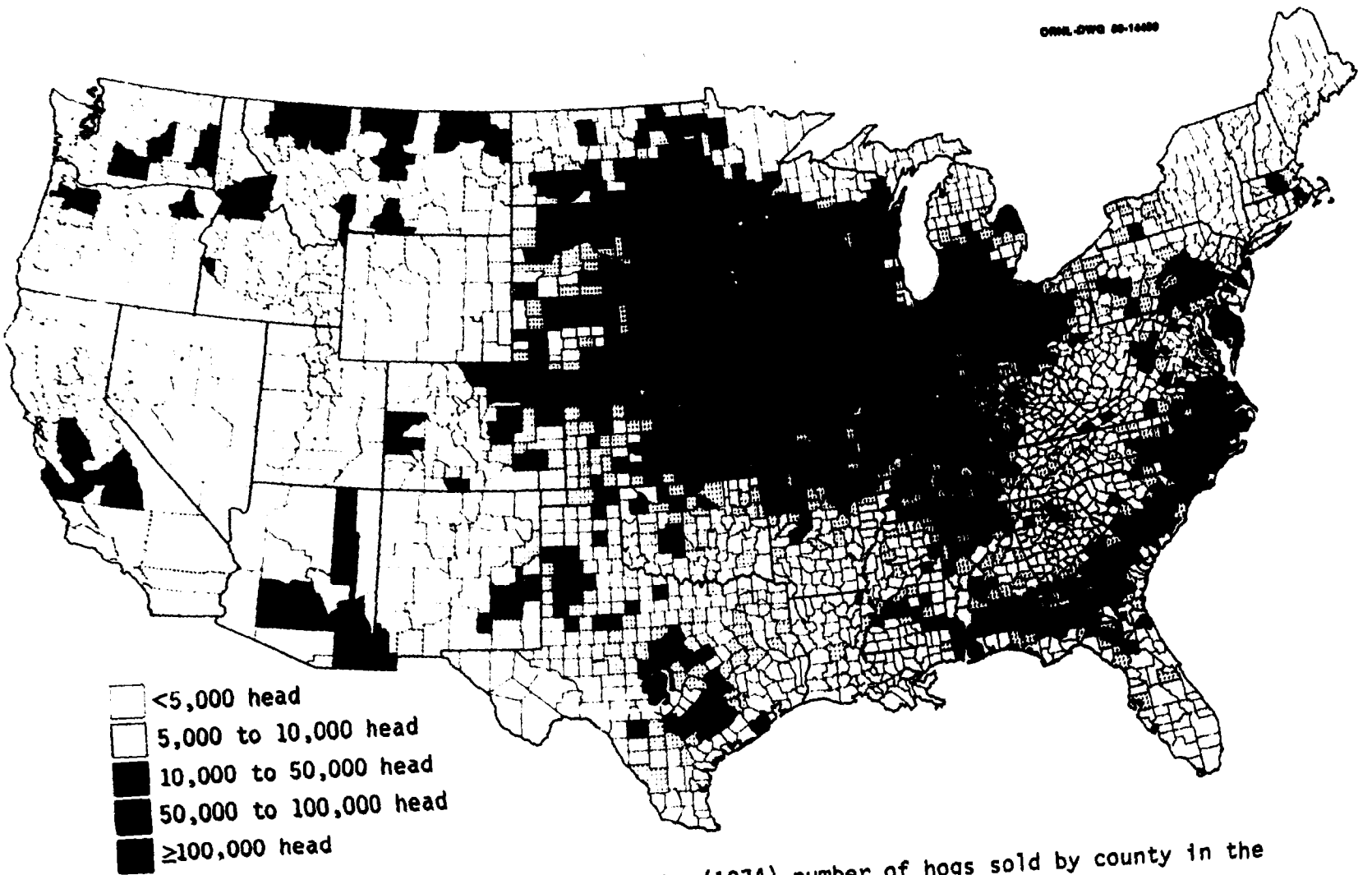

Figure 13. Geographic distribution of the (1974) number of hogs sold by county in the continental United States.

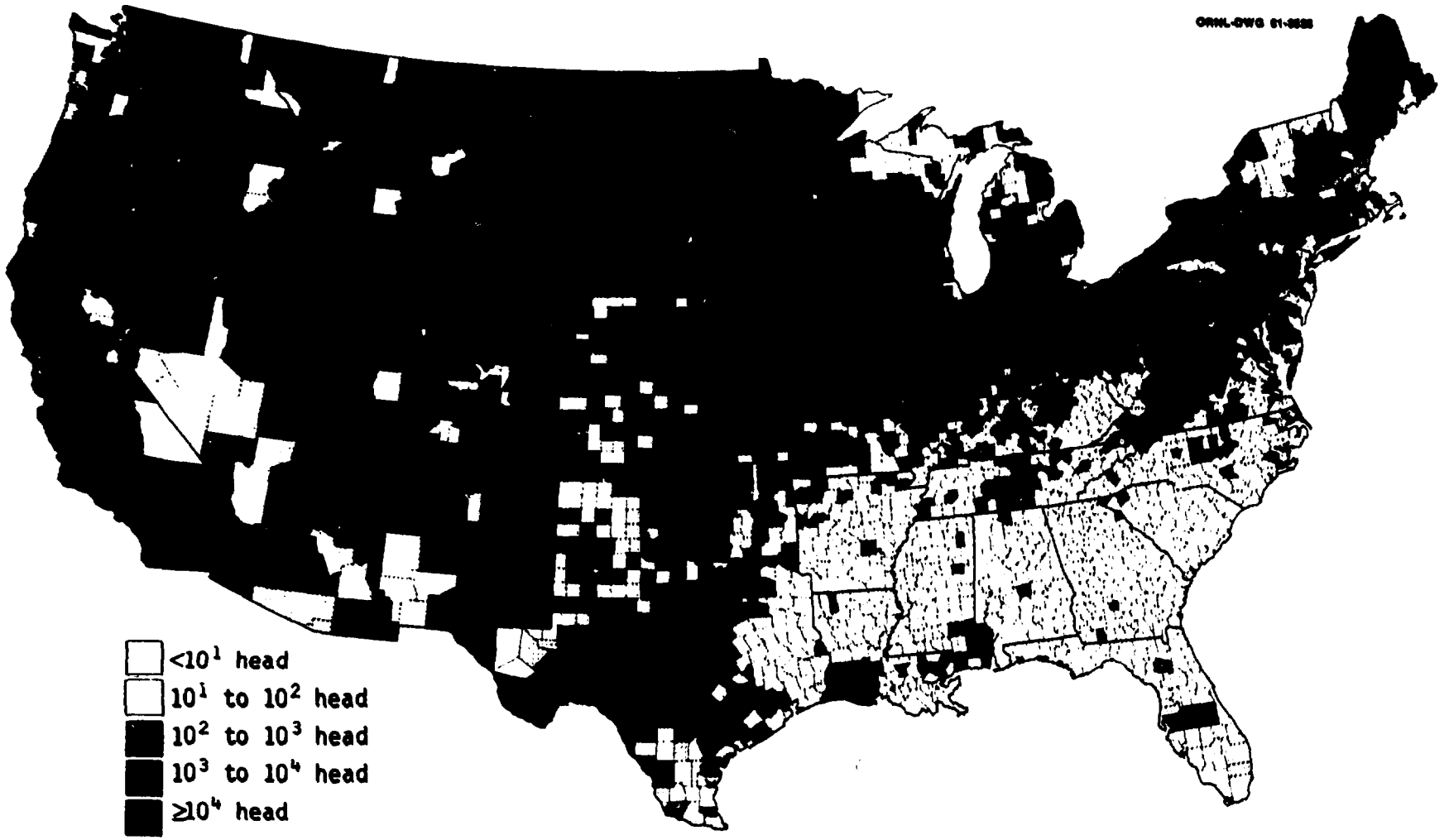

Figure 14. Geographic distribution of the (1974) number of sheep sold by county in the continental United States.

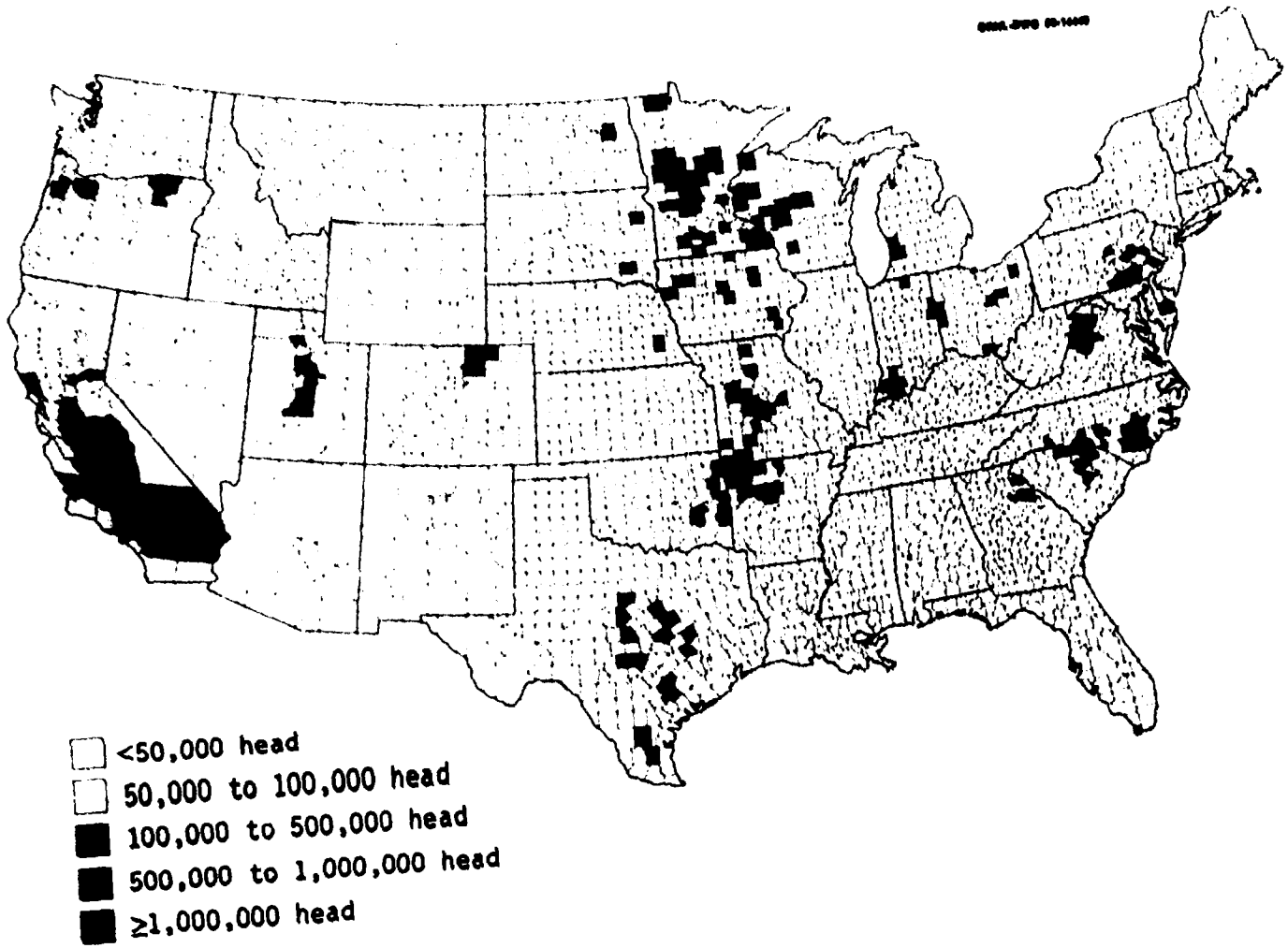

Figure 15. Geographic distribution of the (1974) number of turkeys sold by county in the continental United States.

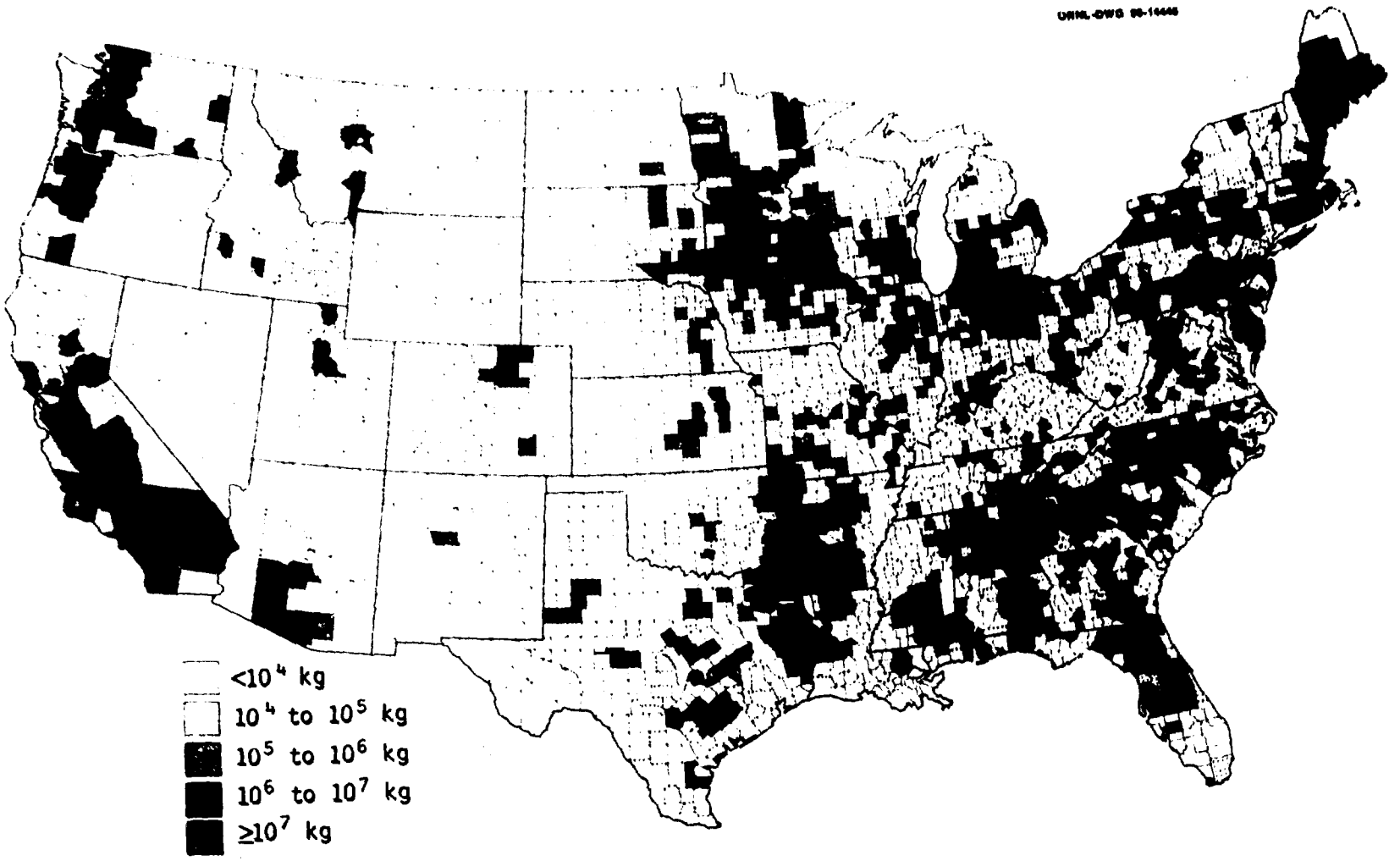

Figure 16. Geographic distribution by county of the estimated (1974) dressed weight of chicken in kilograms produced in the continental United States.

5.0 LIVESTOCK FEEDS

Livestock feeds are classified as forage or grain and concentrates. Forage consists mainly of pasture, hay, and silage; livestock grains are corn, sorghum, oats, wheat, barley, and rye; and concentrates are primarily the cake and meal from soybeans and cottonseeds and mill and animal byproducts. Except for hogs and poultry that are primarily fed grains and concentrates (NAS, 1979; NAS, 1977), forages are fed to the maximum extent consistent with growth or milk production because forage is inexpensive compared with grains and concentrates. Current practice is to find the percent of grain and concentrates for each class of cattle or sheep that is required for the desired growth rate or milk production and to consign the remainder of the feed to forage.

The categorization of livestock feeds by exposure pathway was previously outlined in Figure 1. The following sections detail the assumptions and methods used to estimate feed production and areal yields and the relative fractions of each which make up cattle feed in each county. The results of our analyses are listed in Appendix C.

The information available from the census records for some animal feeds is significantly different from the information available for vegetable crops. As for vegetable crops, the information reported for feed grains and corn and sorghum silage are harvest areas (A_h) and harvest yields (Y_h). The estimated productivities (P) are good estimates of standing edible crop biomass at harvest. However, for "dry hay, grass silage, haylage, and green chop," collectively reported as "hay" in this report, the farmer was directed to respond as follows:

> "If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings."

The result is that the reported quantities for hay represent an annual yield (the sum of all harvests) and the reported areas represent physical areas over which one or more harvests occurred.

Our analysis of these quantities is defined in terms of an annual areal yield (also for convenience referred to as "areal yield") such that:

$$Y_i = \frac{Y_{ai}}{A_i}, \tag{5}$$

where

Y_i = the annual areal yield of crop i (kg/yr/m^2),

Y_{ai} = the annual yield of crop i (kg/yr) summed over all harvests, and

A_i = the area allocated to crop i (m^2).

Eq. (5) resembles Eq. (3), but they are not equivalent as reflected by the difference in units. The relationship between the inventoried area, A_i, and the annual area harvested, A_{hi}, is assumed to be:

$$A_{hi} = h_i \cdot A_i, \tag{6}$$

where

h_i = the annual number of harvests for crop i (harvests/yr).

With this assumption, we can estimate the productivity as:

$$P_i = \frac{Y_{ai}}{h_i \cdot A_i}. \tag{7}$$

When, as is frequently the case, h_i = 1/yr, the annual areal yield, Y_i, has the same numerical value as the productivity, P_i.

The number of harvests per year can be estimated for hay and pasture by assuming average periods of time between harvests and grazings, respectively, and minimum productivities below which the farmer will not harvest hay or the cattle cannot be maintained on pasture. The average number of frost-free days (Appendix C) at the geographical location of the county divided by the assumed number of days for an average growth to hay harvest or successive pasture grazings gives the estimated number of harvests (rounded to the nearest integer). If the quotient of the

areal yield and the estimated number of harvests is less than the assumed minimum productivity, then the number of harvests is too high. Thus, the estimated number of harvests may be reduced by one and the process repeated until the assumed minimum productivity is equaled or exceeded by the quotient or the number of harvests is reduced to one – whichever comes first. The average time between hay harvests is estimated to be 60 days (Hughes et al., 1962); the average time between successive grazings of pasture by cattle, 30 days (USNRC, 1977; Hughes et al., 1962). The minimum productivity is assumed to be 0.15 kg/m^2 for hay (Burns, 1981) and 0.005 kg/m^2 for pasture. The latter value is based on a minimum daily feed requirement for a 220 kg steer (NAS, 1976) of 4 kg/day, a maximum daily grazing range of 8.0E3 m (5 miles) (Dwyer, 1961) and an assumed swath of 0.1 m. In view of the uncertainty in the productivity estimate via this method, Appendix C lists pasture and hay areal yields and estimated number of frost-free days.

5.1 Pasture

Estimates of pasture consumption by livestock are notoriously rough as witnessed by the units employed to described them: animal unit months or animal units per acre, where an animal unit is the forage part of a single lactating beef or dairy cow's consumption. In this study annual consumption needs by cattle and sheep inventories form the basis for our estimate of pasture areal yield and the fraction of the cattle's feed that is pasture. Pasture consumption by county is estimated by a mass balance of supply and demand, or:

$$C_p = R_f - 0.75\, Y_{af}, \qquad (8)$$

where

C_p = the annual consumption, i.e. production, of pasture in the county (kg/yr),

R_f = the annual forage requirement of the forage-consuming livestock inventory in the county (kg/yr), and

Y_{af} = the annual yield or production of harvested air dry forage (hay and silage) in the county (kg/yr).

Forage commonly consists of pasture, hay, and silage. Other forage feeds such as citrus pulp, soybean fodder and hulls, wheat and oat straws, corn and sorghum fodders, or sugar beet tops may supplement the main forage feeds. These forage feeds have not been included in our estimate because their contribution is not reported in the census and is assumed to be small.

Harvested forage is reported in the census in two categories: hay and silage. Hay consists of hay, grass silage, and green chop; and silage consists of corn and sorghum silage. Nutritionally, all forage dry matter is considered equal in Eq. 8 except that harvested forage is subject to loss from storage and handling that is assumed to be 25 percent (Allen, 1980). Silage is assumed to be 30% air-dry matter (NAS, 1978a). In the census records, green chop, or grass silage has been converted to dry weight by a factor of 0.33.

Hay is uneconomical (and silage and pasture are impractical) to transport, except locally. Therefore, forage is assumed to remain in the county of origin. Animals are also assumed to remain in the county; our mass balance model [Eq. (8)] does not consider transport of cattle and sheep to other counties for feed. Consumption of feeds by horses is not considered because their relatively small numbers (1.4% of the number of cattle) and wide distribution make consideration of them insignificant in our estimate of forage consumption (USDC, 1977). Forage consumption by hogs and poultry is also not considered here because their feed is mostly grain and concentrates (NAS, 1977, 1979).

Our estimate of the annual average forage requirement by forage consuming livestock is given by:

$$R_f = 401C\ n_m + 965\ n_g + 3030\ n_a + 600\ n_s, \qquad (9)$$

where

n_m = the average annual inventory of milk cows in the county (head),

n_g = the average annual inventory of grain fattened cattle in the county (head),

n_a = the average annual inventory of all other cattle in the county (head), and

n_s = the average annual inventory of sheep in the county (head).

The coefficients in Eq. (9) represent the annual forage requirement in kilograms [kg (air dry)/head/yr] for each of the forage consuming livestock categories. The following section details how the average annual inventories and forage requirements were determined for forage consuming livestock.

5.1.1 Nutritional requirements for cattle and sheep

The USDA makes an estimate of pasture consumption on an annual, nationwide basis by the method of nutritional requirements of pasture-consuming animals. Their consumption model is described in a privately published report (Allen, 1980). In general, livestock in the model are divided into classes requiring similar feed. The numbers in each class are based on 1969-1971 average numbers of livestock, and feeds are obtained from knowledge of the nutritional requirements of each class. Pasture consumption is obtained by the difference between livestock requirements and available harvested feeds in a manner similar to Eqs. (8) and (9).

Allen's model divides cattle into more classes than are recorded in the census. Therefore, we have adapted his model and supplemented the nutrition requirements from other sources to provide a model based on three classes of cattle and one of sheep which is consistent with the census information. The cattle classes are (1) lactating dairy cows, (2) cattle fattened on grain and concentrates, and (3) all other cattle. Lactating dairy cattle and mature bulls in service require considerably more feed than any other cattle. Consequently, milk cows comprise one class. Bulls are not separated into a class for our analysis because they are only a few percent of the typical herd and are not listed as a separate class in the census. Other dairy cattle require feeds similar to beef cattle at the same stage of growth. Both beef and dairy cattle, except bulls and dairy milk cows, are fed mostly forage until they are fattened on grain and concentrates for sale. Thus our second category is cattle that are fattened on grain and concentrates, and our third category is all

other cattle. Sheep comprise the fourth category for our model because their numbers are concentrated in some counties and because sheep feed principally on forage.

Estimates of lactating milk cows' feed, forage, and grain requirements (Table 17) are based on an earlier study of the Dairy Herd Improvement Association (DHIA) herd records for 1976-1977 (Shor and Fields, 1980). Table 17 lists the feed per head in each class. Feed for milk cows is based on DHIA records.

Grain fattened cattle are reported in the census in response to the question, "Of the total cattle sold, how many were fattened on this place on grain or concentrates 30 days or more and sold for slaughter?" For our analyses we estimate the standing inventory from the number sold by estimating the annual average turnover rate for the fattened cattle herd from:

$$\lambda_g = \frac{s_g}{n_g} , \qquad (10)$$

where

λ_g = the turnover rate for cattle on grain (yr^{-1}), and
s_g = the number of grain fattened cattle sold in the county (head/yr).

For the period 1975-1980, λ_g = 2.0/yr (USDA, 1981). Thus, by rearranging Eq. (10) we may estimate the annual average cattle on feed inventory according to:

$$n_g = \frac{s_g}{2.0} . \qquad (11)$$

Feeding schedules and efficiencies for fattening cattle vary considerably. Therefore, our analysis of average feed requirements for fattening cattle are derived from representative information from ranges reported by Ensminger (1976) for average feed lot cattle. From Ensminger's data an average rate of weight gain while on the fattening regime is 0.92 kg/day. Assuming an efficient 5.4 kg of total digestible nutrients (TDN) per kilogram of weight gain yields an annual requirement of 1810 kg TDN/head. If a kilogram "corn equivalent" (weight of corn equal to feeding value of reference feed) equals 0.786 TDN (Allen, 1980), then the

Table 17. Feed requirements of cattle and sheep used in the estimate of pasture consumption

Category	Grain			Forage		
	Requirement [kg(air dry)/head/yr]	Percent		Requirement [kg(air dry)/head/yr]	Percent	
		air dry	TDN[a]		air dry	TDN[a]
Milk cows[b]	2600	39	56	4010	61	44
Cattle on grain[c]	1820	65	79	970	35	21
All other cattle[d]	150	5	9	3030	95	91
Sheep[d]	--	--	--	600	100	100

[a]Total digestible nutrients.

[b]Based on Shor and Fields, 1980.

[c]Based on Ensminger, 1976.

[d]Based on Allen, 1980.

average annual feed requirement is 2310 kg corn equivalents. Assuming that grain is 79% of the annual feed in corn equivalents, gives 1820 kg (air dry)/head/yr of grain. We assume that one kilogram of forage on an air dry basis is 0.5 kg corn equivalents (Morrison, 1956), and therefore the annual average forage requirement is 970 kg (air dry)/head/yr.

As mentioned in Sect. 2.0, the livestock inventories reported in the census are as of Dec. 31. This "instantaneous" inventory estimate may be an appropriate value for the annual average inventory for some livestock, including milk cows, but it is inappropriate for the "all other cattle category." According to Ensminger, some cattle in the "fattened on grain" category were in the "all other" category during the year. Thus, we derive the annual average "all other cattle" inventory by:

$$n_a = n_{cc} - n_m - \frac{3}{2} n_g, \tag{12}$$

where

n_{cc} = the cattle and calves inventory (head).

This relationship is derived from a model in which cattle on feed are fed for a half year and sold. At sale for slaughter an equivalent number n_g are removed from the "all other cattle' inventory and are put on the fattening regime. Thus, for the first half of the year the "all other cattle" inventory may be estimated by:

$$n_a = n_{cc} - n_m - n_g. \tag{13}$$

During the second half of the year (after removal of n_g cattle), the "all other cattle" inventory may be estimated by:

$$n_a = n_{cc} - n_m - 2 n_g. \tag{14}$$

Thus, the annual average inventory of all other cattle is given by Eq. (12), which is the average of Eqs. (13) and (14).

The feed requirements for the "all other cattle" category is based on Allen's (1980) analysis of the United States composite beef cattle herd that is not on grain feed. The average annual forage requirement for this herd is 1515 kg corn equivalents or 3030 kg (air dry)/head/yr, assuming forage at 0.5 corn equivalents. Assuming grain is 9% of total feed on a corn equivalent basis yields 150 kg (air dry)/head/yr.

The remaining class considered for calculation of pasture consumption is sheep. Allen's estimates are 323 kg of corn equivalents for an average sheep or 646 kg of air dry forage. Nutrition recommendations from the National Academy of Sciences is 576 kg for a ewe with one lamb or 608 kg/yr, dry matter, for a ewe with twins (NAS, 1975). We have used a value of 600 kg (air dry)/head/yr. Table 17 summarizes the feed assignments to cattle and sheep used in making the pasture estimate for each county. This estimate of the annual requirement of pasture by the livestock within the county is considered to be our best estimate of pasture production for feed and is used to calculate the areal yield of pasture (Appendix C) when combined with reported pasture areas as discussed below.

5.1.2 Pasture areal yield

Pasture areal yield is calculated by dividing estimated pasture consumption [Eq. (8)] by the total pasture area (Appendix A) according to Eq. (5). Thus, in our analysis pasture areal yield refers to the pasture consumed if the entire pasture area is actually grazed. Total pasture area consists of cropland pasture (that is "cropland used only for pasture"), woodland pasture, and rangeland pasture (Appendix A). The greatest uncertainty in our estimate of pasture areal yield is found in counties reporting over 80% rangeland pasture. The question of how much of the reported rangeland area is actually grazed is not easily resolved. A fairly safe assumption is that cropland pasture will be grazed intensively with other types of pasture less so. In the eastern half of the U.S., cropland pasture is 40-60% of the total (except Florida, in which it is ~12%). Consequently, an upper limit on the areal yield of pasture in eastern states including Minnesota, Iowa, Missouri, Arkansas, and Louisiana, except Florida, can be estimated by dividing pasture consumption

by cropland pasture only, ignoring any pasture obtained from woodland and rangeland. The average maximum areal yield of these states is 0.47 kg/m^2 compared with 0.18 kg/m^2 found by dividing pasture consumption by total pasture area (Appendix C). The hay areal yield values by state calculated directly from census information via Eq. (5) range between 0.4 and 0.6 kg/m^2 and roughly correspond to the maximum pasture areal yield, except for states that have a considerable percentage of irrigated cropland or less than six percent cropland pasture. Thus, hay areal yield may be used as an estimate of the upper limit of pasture areal yield in a county in the eastern half of the United States.

Comparison of maps of pasture production and areal yield, Figs. 17 and 18, respectively, shows that many areas of relatively low areal yield are supporting large numbers of cattle or sheep. Mohave County, Arizona, as an example, has an estimated average pasture areal yield of .02 kg/m^2 and supports ~50,000 head of cattle. Farm operators report only 1.9E7 m^2 (4700 acres) of cropland pasture and 8.5E9 m^2 (2.1 million acres) of total pasture, and we estimate 90% of cattle feed is pasture (Appendix C). The evidence here, supported by other studies, shows that rangeland pasture, although of low areal yield, supplies a large proportion of cattle feed (Pimentel et al., 1980).

A second uncertainty associated with the estimate of pasture areal yield is due to an extrapolation of rangeland pasture area from farms with greater than $2,500 sales to all farms. The factor by which the rangeland pasture for farms with greater than $2,500 sales is multiplied to find rangeland pasture for all farms is an average for the U.S. of 1.09. In Arizona the factor is 2.1, and in other western states it is about 1.2. Since the farms that the extrapolation represents may stock cattle and sheep at lower rates than farms with greater than $2,500 sales, the effect of this extrapolation, especially in Arizona, is to underestimate the pasture areal yield.

We inspected the census records for the percent of irrigated pasture, counties that report only cropland pasture, counties that report less than 300 head of cattle, or those with less than 4.0E6 m^2 (1,000 acres) total pasture to search for a correlation with pasture areal yield anomalies. In general, irrigation did not correlate well with high pasture areal

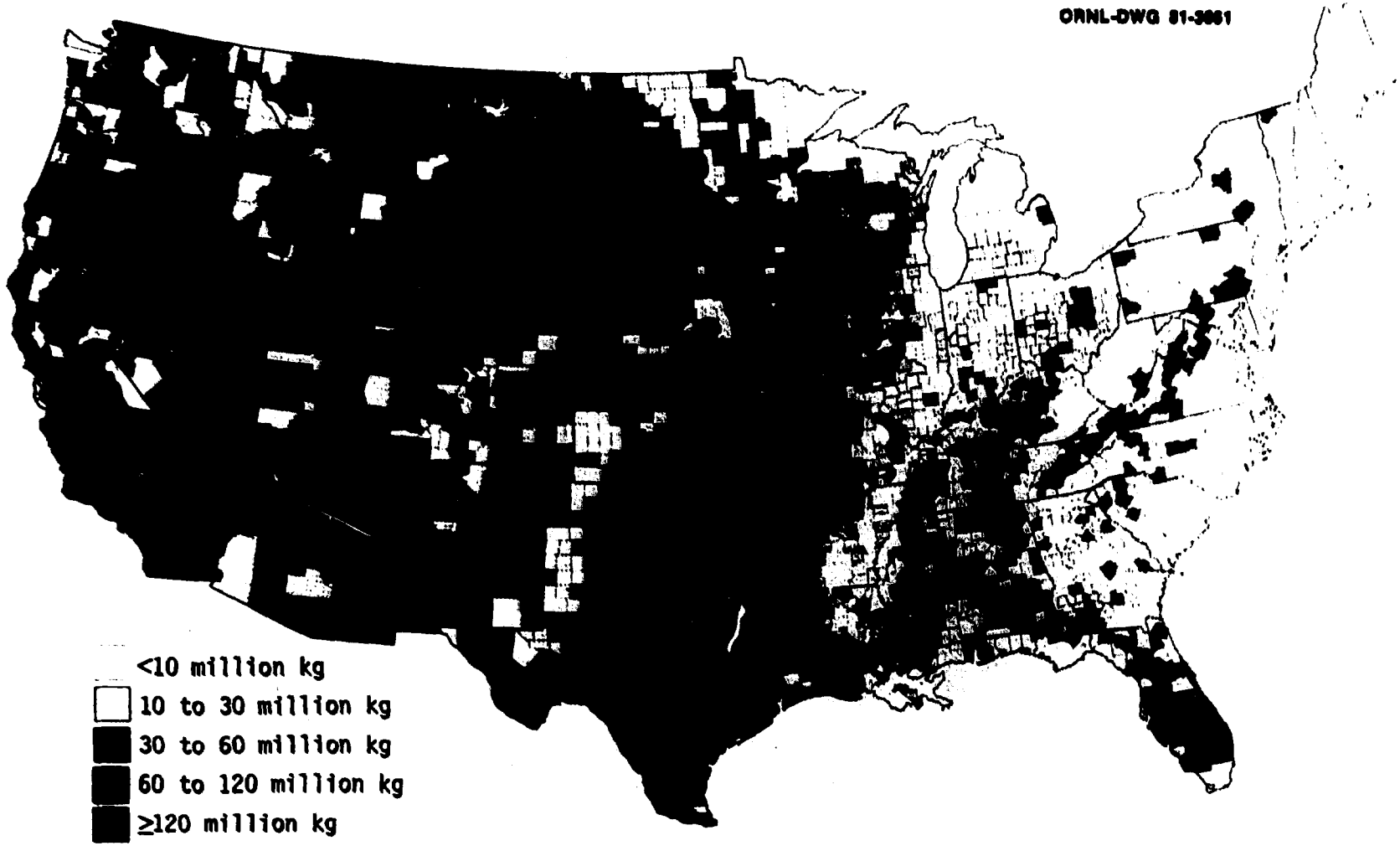

Figure 17. Geographic distribution of estimated (1974) annual pasture production by county in kilograms for direct consumption by livestock in the continental United States.

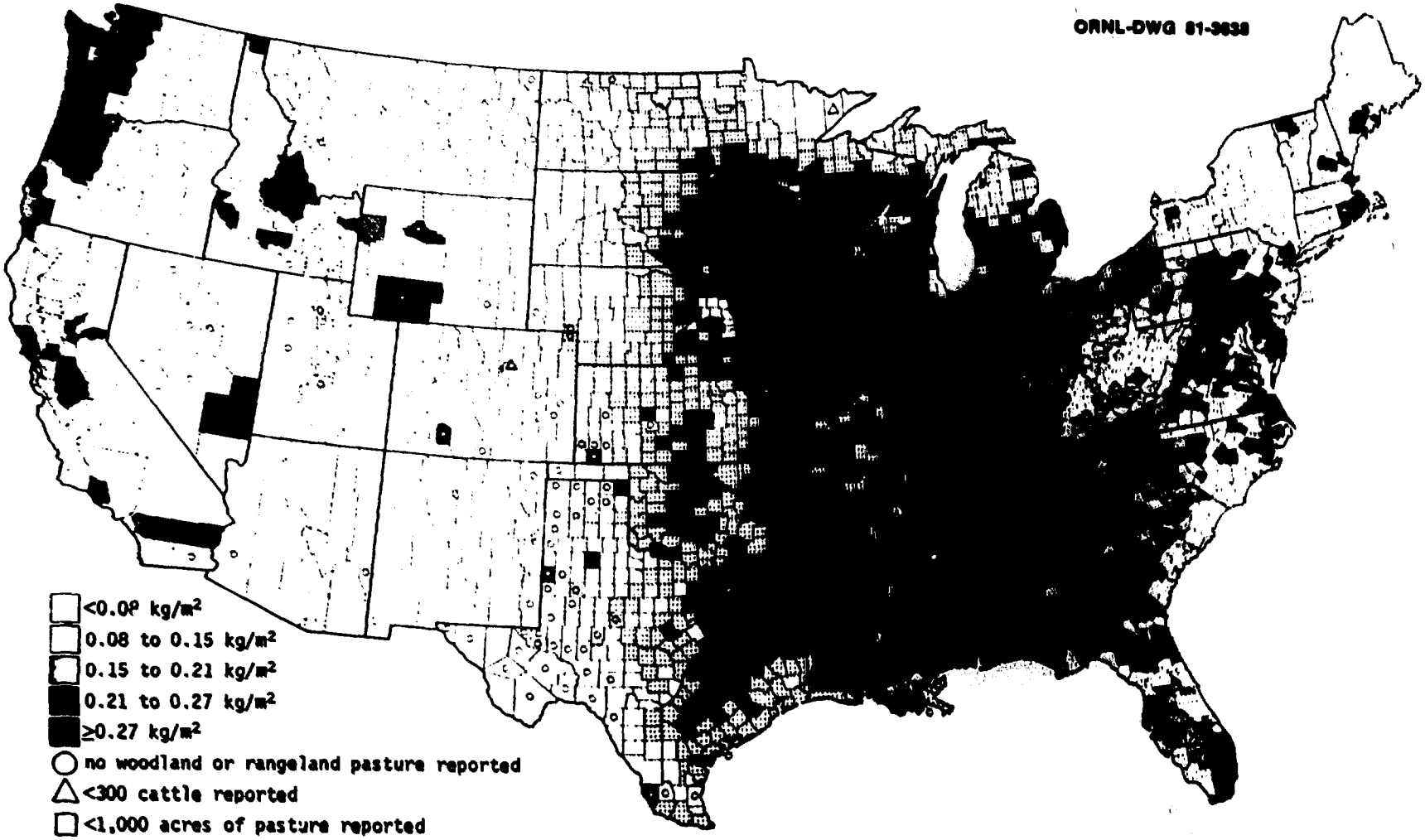

Figure 18. Geographic distribution of estimated (1974) pasture areal yield in kilograms per square meter by county in the continental United States.

yield, except in two counties: Palm Beach, Florida, and Stevens, Kansas. However, low numbers of cattle, small pasture area, and absence of pasture land other than cropland make areal yield estimates suspect in some counties. Those counties are flagged in Figure 18. It can be observed that most of the flags refer to "no woodland or rangeland pasture reported." If farm operators lumped all pasture under the first pasture item encountered in the census form (cropland pasture), then the pasture areal yield calculation is unaffected. However, if the woodland and rangeland pasture was grazed, but not reported, pasture areal yield will be anomalously high. Table 18 shows all counties with pasture areal yield estimates greater than 0.6 kg/m^2. Other counties with a high percent of irrigated pasture and/or only cropland pasture reported are listed, also. Inspection of Table 18 suggests that extremely high areal yield estimates are associated with counties in which woodland and rangeland pasture are not reported or with counties having a relatively very small area of total pasture. In the Wyoming counties shown in Table 18, only 1-2% of the farm land is recorded as pasture.

The pasture consumption estimate does not depend upon the relative importance of the three classes of pasture because the calculation of consumption is entirely independent of pasture area. To test the reasonableness of the calculations, we compared the consumption (production) of pasture obtained from Eq. (8) with that found by assigning a fixed areal yield value to each of the classes of pasture area. Cropland pasture was assigned an areal yield of 0.4 kg/m^2 (which is near the U.S. hay average of 0.46 kg/m^2). Woodland and rangeland pastures were then assigned 0.1 and 0.04 kg/m^2, respectively, to correspond roughly to their relative stock carrying capacities (USDA, 1972; Coupland et al., 1979).

The value of the area-based pasture production is found by the relation,

$$P_p = 0.4\, P_c + 0.1\, P_w + 0.04\, P_r, \qquad (15)$$

where

P_p = annual pasture production (kg),

Table 18. U.S. counties for which estimated annual pasture areal yields exceed 0.6 kg/m^2 or are otherwise suspect[a]

Code[b]	County	State	Pasture areal yield (kg/m^2)[c]	Percent of pasture irrigated	Cropland, woodland, and rangeland pasture all reported?[d]	Total pasture area (m^2)[d]	(acres)
12045	Gulf	FL	3.82	0	no	4.97E6	1,228
56017	Hot Springs	WY	2.94	6	no	3.13E7	7,730
56037	Sweetwater	WY	2.18	12	no	4.12E7	10,200
36087	Rockland	NY	1.45	1	no	3.80E5	94
20189	Stevens	KS	1.29	16	no	6.37E7	16,000
34031	Passaic	NJ	1.22	0	no	1.94E5	48
34039	Union	NJ	1.10	0	no	1.50E5	37
08079	Mineral	CO	0.91	0	no	2.87E6	707
48505	Zapata	TX	0.89	0	no	1.43E8	35,000
53033	King	WA	0.86	1	yes	1.12E8	28,000
53061	Snohomish	WA	0.85	1	yes	1.34E8	33,000
44001	Bristol	RI	0.80	0	yes	1.53E6	378
41057	Tillamook	OR	0.79	2	yes	1.11E8	27,400
39107	Mercer	OH	0.72	0	yes	7.58E7	19,000
53073	Whatcom	WA	0.70	2	yes	2.01E8	50,000
13261	Sumter	GA	0.68	0	yes	2.10E8	52,000
53053	Pierce	WA	0.66	1	yes	1.23E8	30,000
12099	Palm Beach	FL	0.51	41	yes	5.83E8	144,000
06015	Del Norte	CA	0.44	13	yes	4.14E7	10,000

[a] See Appendix C.

[b] FIPS state-county code (Olsen and Westley, 1973).

[c] Estimated from Eqs. 5 and 8.

[d] From Appendix A.

P_c = cropland pasture (m^2),
P_w = woodland pasture (m^2), and
P_r = rangeland pasture (m^2),

and the coefficients of Eq. (15) are the assigned areal yields (kg/m^2). A comparison between pasture production via the consumption model and via the area-based estimate was then made. The assignment of areal yields to the three pasture classes gives a reasonable estimation of pasture production for the entire nation (Pimentel et al., 1980), but is clearly deficient as a method for obtaining site-specific pasture production because of differences in climate, soil, and land use in the United States. Consequently, the comparison of consumption values for pasture production with assigned areal yields should show a geographical pattern of deviations of one from the other that is consistent with known variations in climate and land productivity. Table 19 shows the comparison of pasture production by the consumption model and assignment of yields by state. The relative difference (D) of production by the two methods is:

$$D = \frac{B - A}{B}, \qquad (16)$$

where

A = production by the consumption model (C_p), and
B = assigned areal yield (P_p) method.

States with positive deviations produce more pasture by the assigned areal yield than by the consumption method. Those states having short growing seasons, dry climate or unproductive soil should show positive deviations (D>0). Sections of the country having long growing seasons, adequate rainfall, and productive soil for pasture would be expected to have negative deviations (D<0). Examination of the table confirms the direction and relative magnitude of differences expected from soil and climate variations. Pasture production found by the two methods agrees within 28% as shown by the relative difference values in states producing 60-66% of the total pasture. Relative differences in the midwest and middle eastern states are negative in Iowa, Illinois, Indiana, and

Table 19. Comparison of pasture production estimates via livestock consumption model and assigned areal yields method

State	Consumption model[a]	Assigned areal yields model[b]	Relative difference[c]	Percent rangeland pasture[d]
	10^9 kg			
Western states				
Arizona	1.34	5.97	.78	94
California	6.51	5.97	-.09	89
Colorado	3.94	6.17	.36	92
Idaho	2.66	2.73	.03	82
Montana	6.89	9.54	.28	94
Nevada	1.28	1.85	.31	98
New Mexico	3.64	8.54	.57	94
Oregon	3.13	3.63	.14	84
Texas	31.7	34.8	.09	84
Utah	1.64	2.17	.24	89
Washington	1.60	2.78	.42	67
Wyoming	4.19	6.04	.31	97
Midwestern states				
Illinois	4.55	3.58	-.27	31
Indiana	3.23	2.69	-.20	25
Iowa	9.07	6.63	-.37	32
Kansas	8.66	8.95	.03	79
Michigan	1.31	1.70	.23	21
Minnesota	4.44	4.01	-.11	32
Missouri	11.5	12.7	.09	31
Nebraska	8.45	8.97	.06	86
North Dakota	3.83	5.46	.30	81
Ohio	3.09	2.86	-.07	31
Oklahoma	12.1	10.7	-.13	71
South Dakota	8.13	8.55	.05	89
Wisconsin	4.81	3.71	-.30	26
Northeastern and New England states				
Connecticut	0.075	0.11	.32	26
Delaware	0.046	0.040	-.15	16
Maine	0.14	0.22	.36	24
Massachusetts	0.11	0.11	.05	29
Maryland	0.60	0.48	-.25	30
New Hampshire	0.068	0.10	.32	18
New Jersey	0.083	0.16	.48	28
New York	1.3	2.4	.45	36
Pennsylvania	2.1	1.98	-.07	32
Rhode Island	0.019	0.011	-.73	30
Vermont	0.40	0.50	.20	26
West Virginia	1.51	1.51	.31	31

Table 19. Comparison of pasture production estimates via livestock consumption model and assigned areal yields method (continued)

State	Consumption model[a]	Assigned areal yields model[b]	Relative difference[c]	Percent rangeland pasture[d]
	10^9 kg			
Southern states				
Alabama	5.79	4.40	-.32	35
Arkansas	5.07	4.80	-.06	32
Florida	6.86	3.53	-.94	65
Georgia	5.24	3.83	-.37	28
Kentucky	7.17	8.02	.11	20
Louisiana	4.17	2.82	-.48	41
Mississippi	6.08	5.04	-.21	31
North Carolina	2.40	2.25	-.07	25
South Carolina	1.47	1.47	-.01	22
Tennessee	6.88	6.44	-.07	23
Virginia	3.75	3.36	-.12	37
U.S. total	213	224	.05	78

[a] Eq. 8.

[b] Eq. 15.

[c] $\frac{B-A}{B}$, where A = consumption model (C_p) and B = assigned areal yield (P_p) method.

[d] From Appendix A.

Wisconsin; positive in Michigan and North Dakota; and very similar in Kansas, Missouri, Minnesota, Ohio, Oklahoma, Nebraska, Pennsylvania, and South Dakota. Western states having large percentages of pasture which are arid rangeland show the largest positive relative differences, e.g., Arizona, New Mexico and Washington. Southern states with high rainfall and longer-than-average growing seasons show negative deviations, roughly proportional to the length of the growing season. The northernmost states, especially in New England (except Rhode Island*), show high positive differences that are consistent with the shorter growing season and poor soils of that region. In general, the geographical correlations of the relative differences of pasture estimates by the two methods provides surprising support for the soundness of the pasture consumption estimates.

The lower limit of pasture areal yield values can be estimated by regression analysis of the relationship between percent cropland pasture and total pasture area divided by cattle and calf inventory (Fig. 19). The average annual U.S. pasture consumption per head of cattle and calf inventory is 1,800 kg/head/yr [as estimated by the pasture consumption method, Eq. (8)]. In Figure 19 the following relationship is seen for the 18 states in which cropland pasture is less than 25% of total pasture,

$$P_{aph} = \exp[11.15 - 0.09(100\ P_c/P_t)], \qquad (17)$$

where

P_{aph} = the area of pasture per head of cattle and calf inventory (m^2/head) and

$P_t = P_c + P_w + P_r$ (m^2).

When the percent of cropland pasture is zero, P_{aph} = 7.0E4 m^2/head (17 acres/head). At 1,800 kg/head, the areal yield of non-cropland pasture of western states is 0.026 kg/m^2. This value is within a factor of 2 of the value of 0.04 kg/m^2, previously assumed for rangeland pasture, and rangeland pasture is approximately 80-90% of total pasture for the states on which Eq. 17 is based.

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*Unexplained.

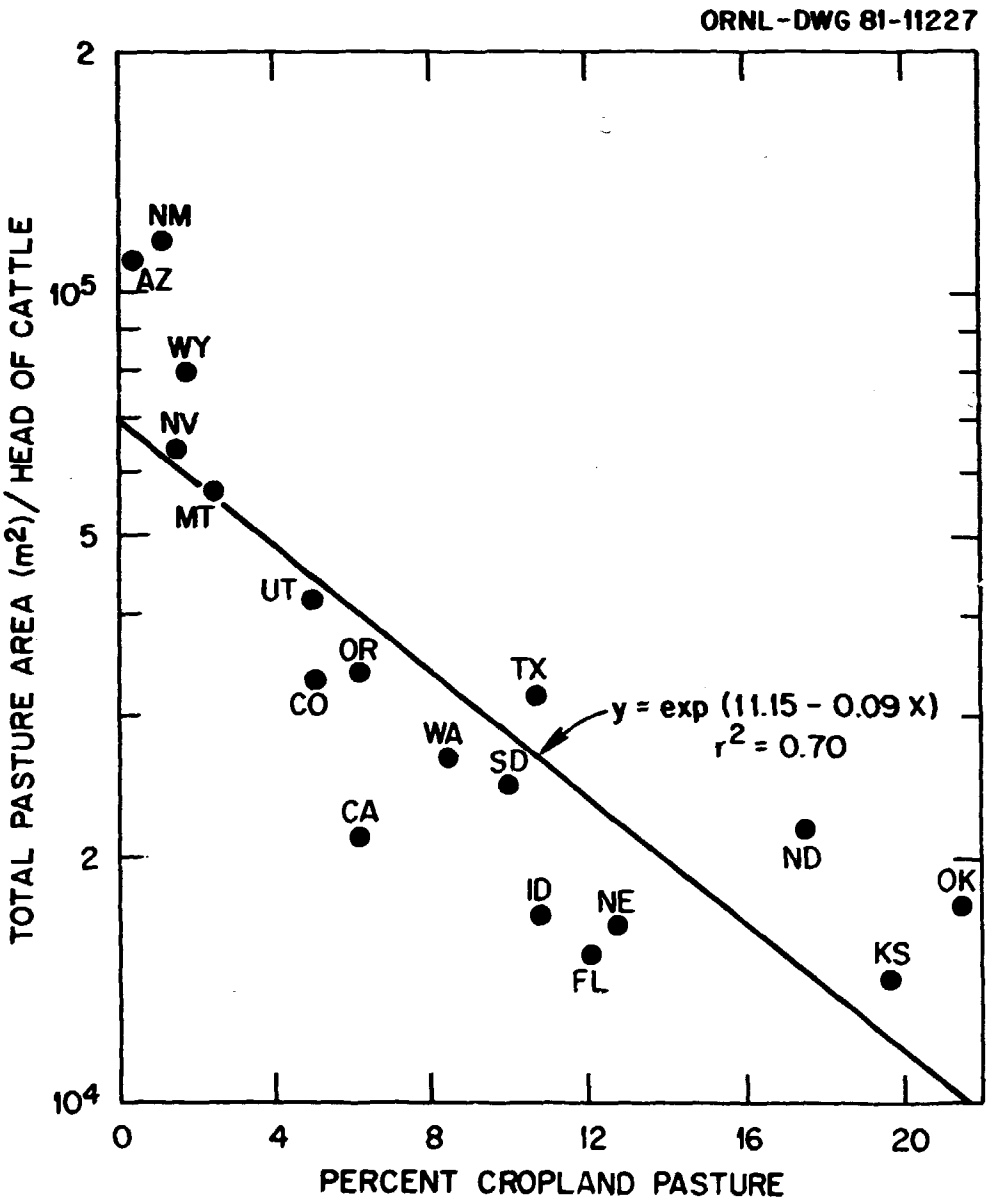

Figure 19. The relationship between pasture area per head of cattle and percent of total cropland pasture for states having high percentages of rangeland pasture.

At the high end of pasture areal yield, literature values of 1.0 to 1.5 kg/m^2 are reported for intensively grazed, non-irrigated pasture in England and New Zealand (Hughes, 1970; Shaw, 1977). In some parts of England rainfall is excellent for pasture growth during the growing season and in New Zealand pastures are grazed throughout the year. As we noted previously, hay areal yield may be a reasonable estimate of maximum pasture areal yield. The highest hay areal yields (possibly irrigated hay) are reported for counties in Arizona and California of 1.4 to 1.6 kg/m^2 (Appendix C) (USDA, 1978).

5.2 Hay and Silage

Hay and silage include hay, green chop, grass silage, corn, and sorghum silage. Area and production for hay is reported for all farms, and areal yield is calculated according to Eq. (5). Corn and sorghum silage production for all farms is extrapolated from values reported for farms reporting $2,500 or more in sales in the following way:

$$Y_{hs}^{A} = Y_{hs}^{2500} \cdot \left(\frac{A_{hc}^{A}}{A_{hc}^{2500}} \right), \tag{18}$$

where

Y_{hs}^{A} = corn or sorghum silage harvest yields for all farms [kg (air dry)] per harvest,

Y_{hs}^{2500} = corn or sorghum silage harvest yields for all farms with greater than $2,500 incomes [kg (air dry)] per harvest,

A_{hc}^{A} = harvested areas for corn or sorghum for all purposes on all farms (m^2), and

A_{hc}^{2500} = harvested areas for corn or sorghum for all purposes on farms with greater than $2,500 incomes (m^2).

The areas harvested for all purposes on farms with sales greater than $2,500 is the sum of areas for grain and silage in the county. Silage yields have been converted to dry silage by a factor of 0.3. Silage productivities were calculated according to Eq. (3).

The quantities of harvested forage used in the pasture estimates and the fraction of cattle's feed are reduced by 25% for loss (Allen, 1980).

However, quantities of hay and silage shown in Appendix C are quantities reported by the census and have not been reduced for loss in storage and handling.

5.3 Grain for Livestock Feed

Grains for livestock in order of importance in feeding all livestock are corn, soybean meal and cake, sorghum, wheat, barley, cottonseed meal and cake, oats, and rye as shown in Table 11. The fraction of grains fed to livestock are calculated in a similar way to the fraction consumed by humans [Eq. (4)]. Livestock grain productivity (P_{gl}) is found by the relation:

$$P_{gl} = \frac{\sum_{i=1}^{n} f_{li} \cdot Y_{hi}}{\sum_{i=1}^{n} f_{li} \cdot A_{hi}}, \qquad (19)$$

where

f_{li} = fraction of each individual crop that is fed to livestock.

Appendix C lists production and productivities or areal yields of livestock feeds, including pasture. The total feed produced for livestock from the census is 4.6E11 kg, air dry (approximately 3.1E11 kg corn equivalents), compared to the USDA estimate of 4.6E11 kg corn equivalents for 1974 (USDA, 1979a). Total feed from the census is only about 70% of the USDA estimate and 80% of this difference is in the pasture production estimate.

The geographic distribution of grain production for livestock feeds (Fig. 20) is quite similar to that for human food (Fig. 8). Differences in the two figures reflect primarily the difference in importance of wheat and corn in the diets of humans and livestock.

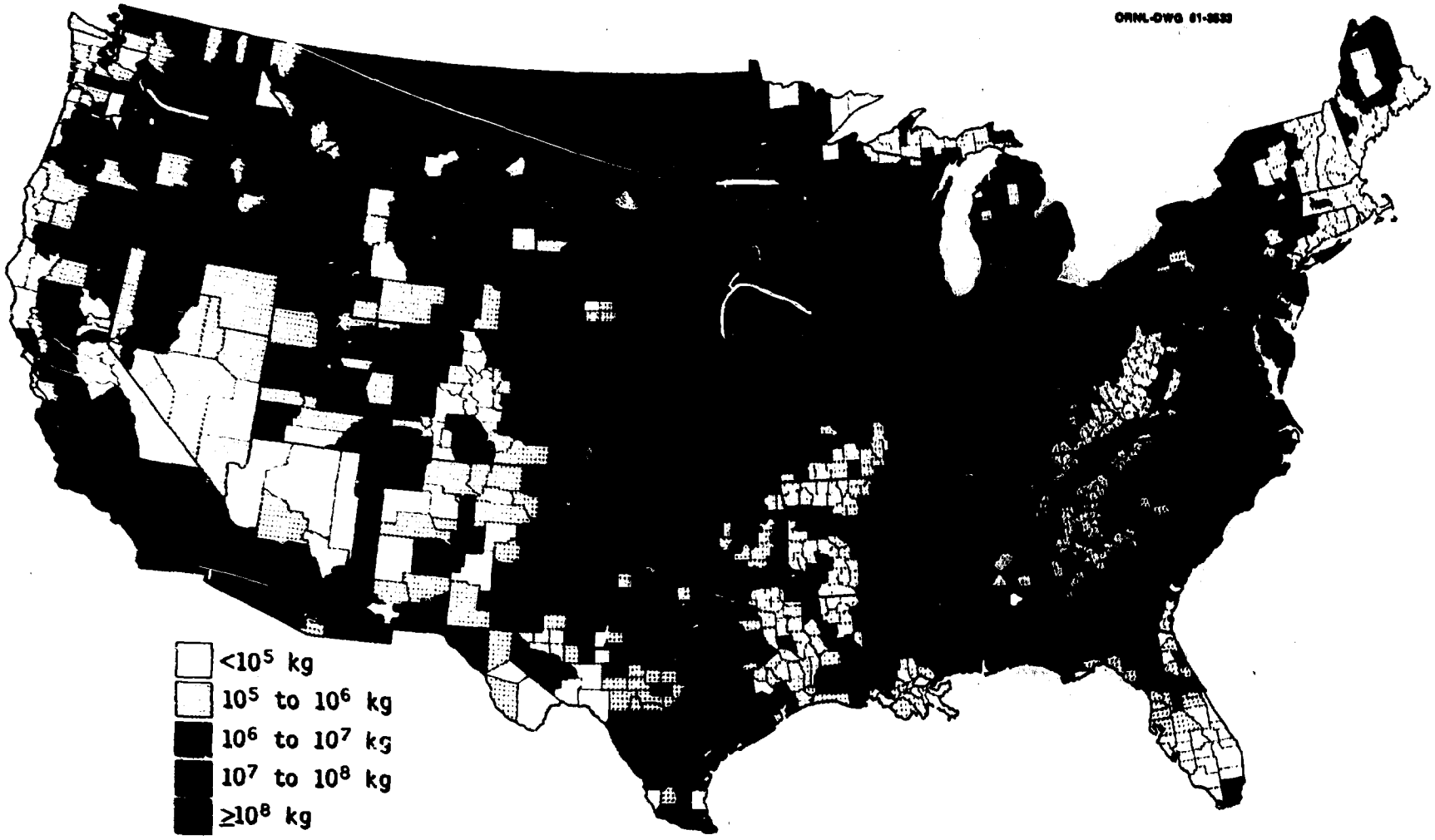

Figure 20. Geographic distribution of (1974) annual grain production for livestock feed in kilograms by county in the continental United States.

5.4 Fraction of Cattle Feed which is Grain, Pasture, Hay, and Silage

Grain is fed to almost all livestock. Therefore, in finding the amount of grain fed to cattle and the fraction of grain, hay, silage, and pasture in cattle feed for a county, the assumed amount of grain fed to cattle in each county is determined from the numbers of cattle in each class and their annual grain requirements (Table 17), instead of the total feed grains produced (from the census). This amount is given by:

$$C_g^c = 2600\ n_m + 1820\ n_g + 150\ n_a, \tag{20}$$

where

C_g^c = the amount of grain which is fed to cattle only (kg/yr).

If more grain is required to feed cattle in a county than is produced, the difference is assumed to be imported from outside the county.

Pasture consumption by cattle (C_p^c) is total pasture consumption minus that attributed to sheep. All sheep feed is assumed to be pasture; and therefore,

$$C_p^c = C_p - 600 \cdot n_s. \tag{21}$$

All hay and silage is assumed to be fed to cattle only. The amount of each fed is equal to the amount produced minus a 25% loss during storage and handling (one harvest/yr for silage is assumed). Therefore, the total feed for cattle in a county is given by:

$$C_t^c = C_g^c + C_p^c + 0.75(Y_{ah} + Y_{hs}), \tag{22}$$

where

C_t^c = total feed for cattle [kg (air dry)/yr],
Y_{ah} = annual hay harvest [kg (air dry)/yr], and
Y_{hs} = harvest yield of silage [kg (air dry)/yr].

The feed fractions listed in Appendix C are simply the ratios of the individual feed types, given by Eqs. (20) and (21) for grain and pasture, respectively, and the production estimates for silage [Eq. (18)] and hay (as given in the census) to the total cattle feed estimate [Eq. (22)].

The quantities of grain, pasture, hay, and silage estimated for all cattle in the U.S. by this method are shown in Table 20. Geographic distributions of estimated pasture, grain, hay, and silage fractions of cattle feed are given in Figures 21, 22, 23, and 24, respectively. From these figures the importance of pasture in the South and Southwest can be seen. Grain feeds appear to be important in the Northeast and in areas coincident with milk cattle production (Fig. 10). Hay and silage are important in the Northeast and Northwest.

Table 20. U.S. cattle feed estimates: grain, pasture, hay, and silage

Feed	U.S. production [kg(air dry)]	Percent of total		TDN[a]
		air dry	TDN	air dry
Grain	6.38E10	17	23	0.8
Pasture	2.04E11	55	54	0.6
Hay	7.82E10	21	17	0.5
Silage	2.44E10	7	6	0.6
Total	3.70E11			

[a]NAS, 1978a.

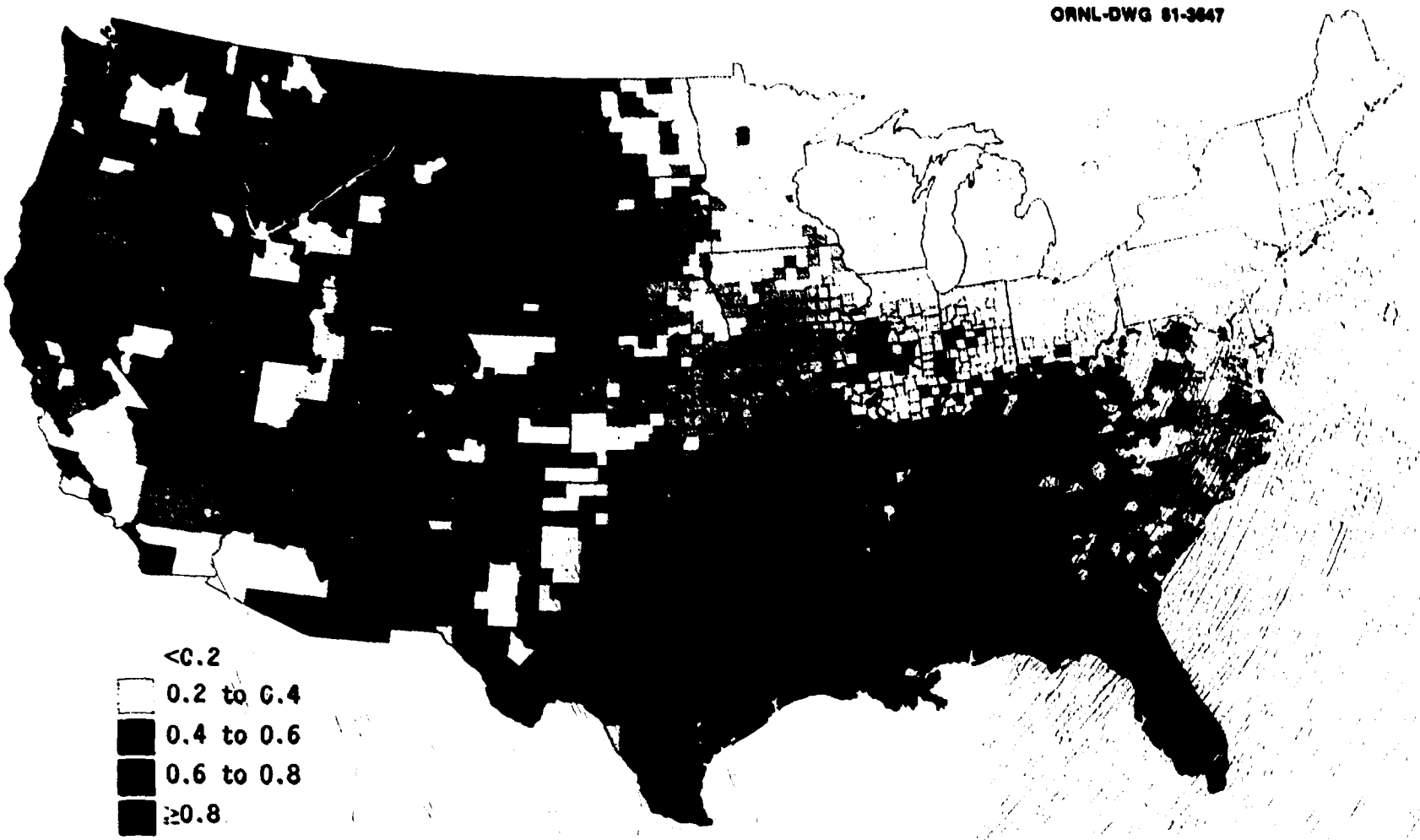

Figure 21. Geographic distribution of estimated (1974) fraction of cattle feed that is composed of pasture by county in the continental United States.

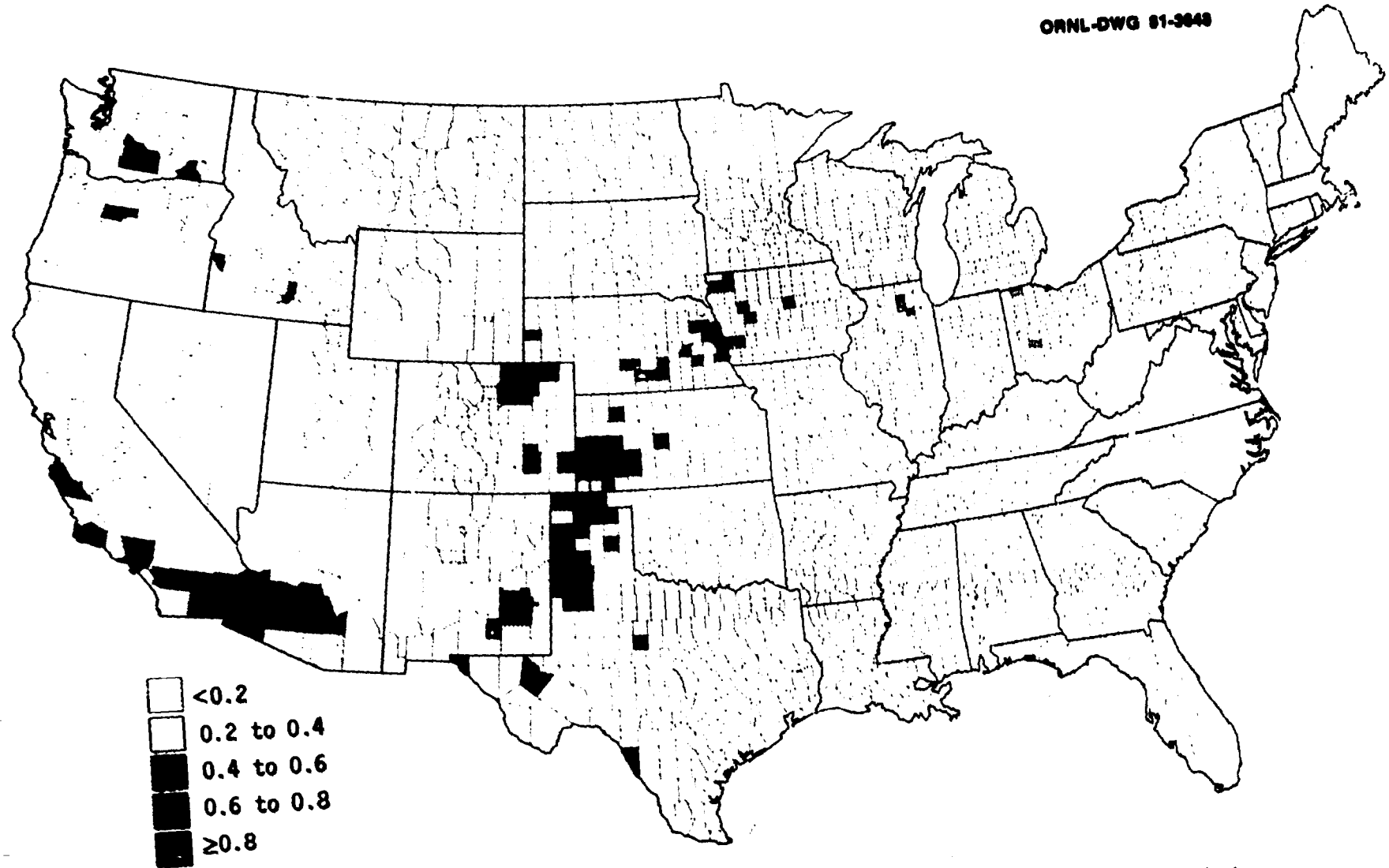

Figure 22. Geographic distribution of estimated (1974) fraction of cattle feed that is composed of grain by county in the continental United States.

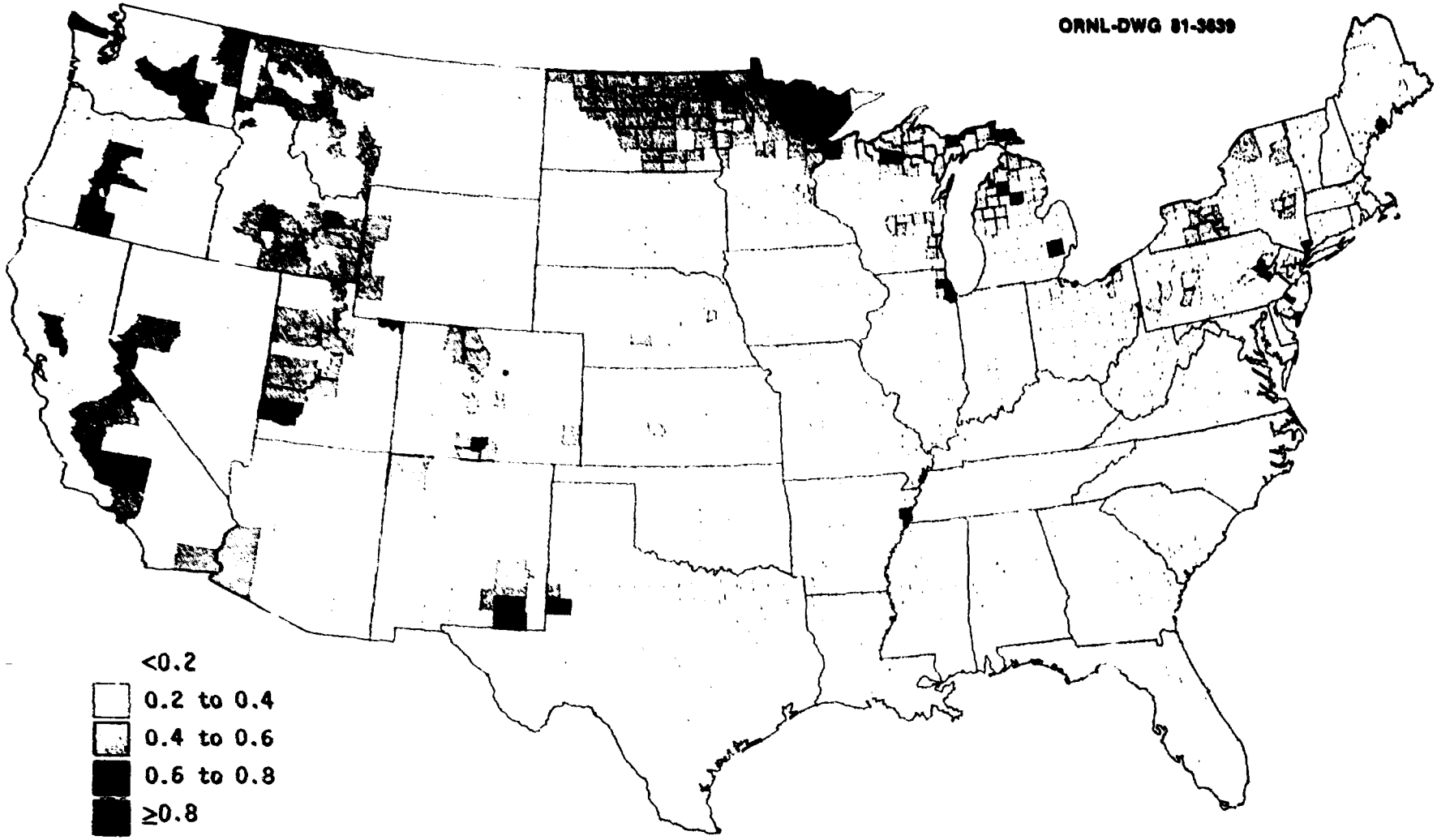

Figure 23. Geographic distribution of estimated (1974) fraction of cattle feed that is composed of hay by county in the continental United States.

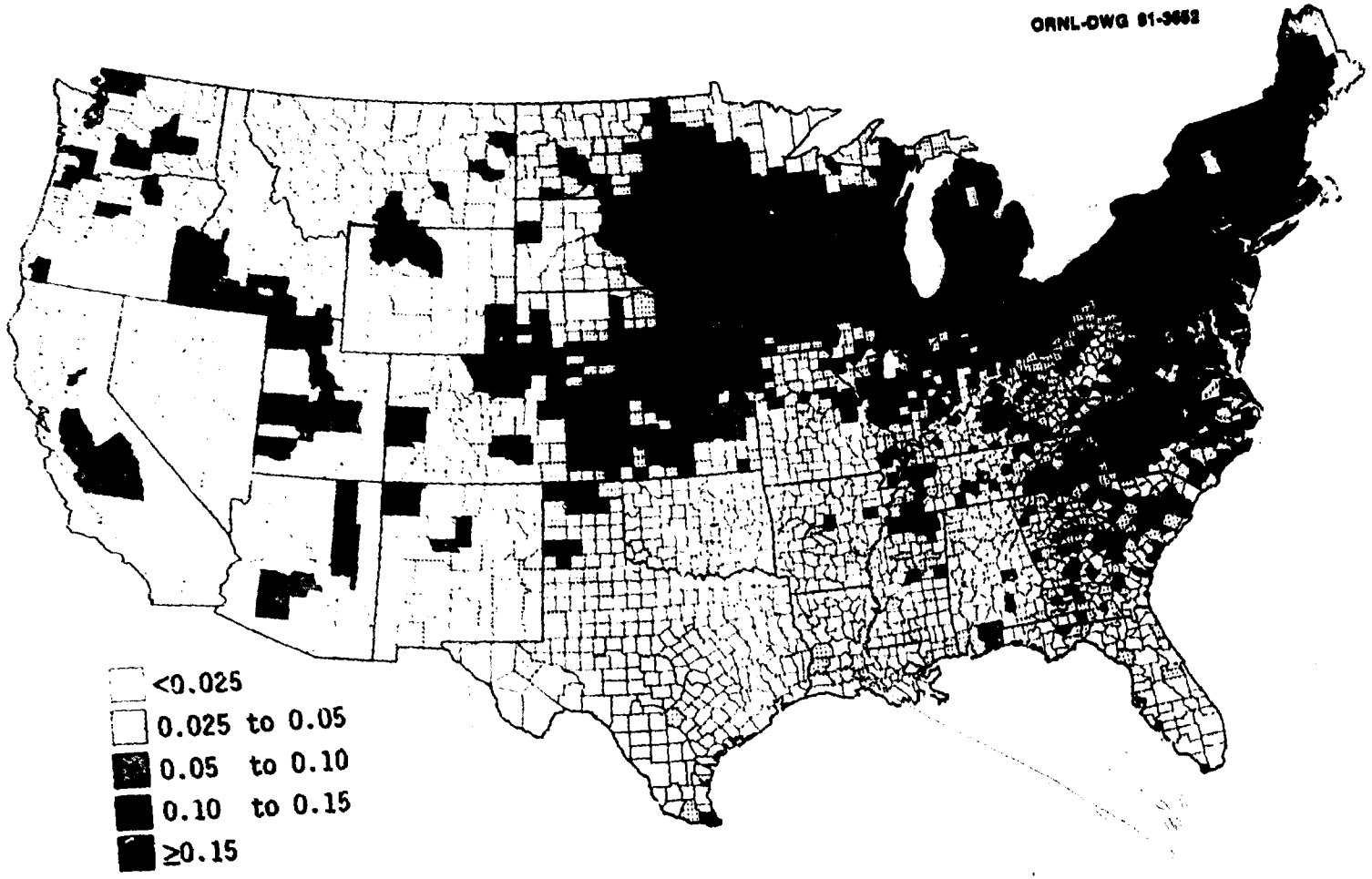

Figure 24. Geographic distribution of estimated (1974) fraction of cattle feed that is composed of silage by county in the continental United States.

6.0 SUMMARY

We have analyzed information reported in the 1974 Census of Agriculture for use in terrestrial transport assessment models. All vegetable and feed crops have been assigned to one of eight food and feed categories, depending upon pathways of elemental uptake from soil or atmospheric deposition on them. For most crop categories the estimated mature standing edible crop biomass is given by the term productivity, which is a ratio of the harvest yield to the harvested area. For hay and pasture the estimated areal yields are defined by the ratio of the annual yield to the area harvested. Areal yields may be an estimate of average standing crop biomass of the edible form when divided by the number of harvests per year.

Our estimate of pasture areal yield is based on a model of the estimated consumption of pasture by grazing cattle and sheep inventories. The model is based on a mass balance of collective livestock forage need and harvested forage supply. This model has been compared well with assigning default areal yields to the three classifications of pasture reported in the census — cropland, woodland, and rangeland.

Estimates of agricultural parameters by county are shown in four appendices and are supplemented by maps showing their geographical distribution by county. Also, an appraisal of errors in census information and in our analysis and guidance to use of the information in assessment models is provided.

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APPENDIX A. Land Use

Appendix A lists physical characteristics of each county, including total land and the fraction that is farmland and total pasture and fractions that are cropland, woodland, and rangeland. Also included are irrigated land and agricultural pond area. All statistics have been taken directly from the census or derived from the ratio of two statistics from the census. All areas were reported in acres in the census and have been converted to square meters using the conversion factor 4.04686E3 m^2/acre. As in all appendices, the latitude and longitude coordinates refer to the centroid of the county.

The "total land" entries were determined from U.S. Geological Survey topographic maps according to methods described by Proudfoot (1947).[a] Water areas have been excluded if greater than 1.6E5 m^2 (40 acres) or if a river's width exceeds 0.81 km (0.5 mile).

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[a]Proudfoot, M. J. 1947. *Measurement of Geographical Areas.* Bureau of Census Publication, 16th census.

APPENDIX A LAND USE.

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
1	0		AL			1.31E+11	4.90E+10	34.3	2.28E+10	37.9	27.2	34.9	9.63E+07	1.24E+08
1	1	AUTAUGA	AL	86.6	32.5	1.55E+09	6.64E+08	42.8	3.57E+08	33.2	39.3	27.5	1.70E+05	1.03E+06
1	3	BALDWIN	AL	87.7	30.7	4.09E+09	1.11E+09	27.1	2.33E+08	47.4	25.2	27.4	1.43E+07	1.97E+06
1	5	BARBOUR	AL	85.4	31.9	2.31E+09	1.07E+09	46.4	4.47E+08	31.6	37.5	30.9	1.93E+06	2.35E+06
1	7	BIBB	AL	87.1	33.0	1.62E+09	3.10E+08	19.2	1.29E+08	51.9	19.4	28.7		4.86E+05
1	9	BLOUNT	AL	86.6	34.0	1.66E+09	7.06E+08	42.6	3.68E+08	44.2	24.4	31.3	6.53E+05	3.04E+06
1	11	BULLOCK	AL	85.7	32.1	1.59E+09	8.18E+08	51.4	5.36E+08	23.1	33.4	43.5	1.11E+06	3.29E+06
1	13	BUTLER	AL	86.7	31.8	2.00E+09	6.33E+08	31.6	3.56E+08	30.7	43.7	25.6	2.83E+05	2.30E+06
1	15	CALHOUN	AL	85.8	33.8	1.58E+09	4.50E+08	28.4	2.08E+08	50.3	21.1	28.6	1.62E+04	1.27E+06
1	17	CHAMBERS	AL	85.4	32.9	1.55E+09	5.43E+08	34.4	4.05E+08	32.5	40.7	26.7	9.71E+04	1.13E+06
1	19	CHEROKEE	AL	85.6	34.2	1.44E+09	6.27E+08	43.5	3.27E+08	32.9	32.6	34.6	1.21E+04	1.24E+06
1	21	CHILTON	AL	86.7	32.9	1.91E+09	5.58E+08	30.8	2.63E+08	42.6	25.4	32.1	1.01E+05	8.82E+05
1	23	CHOCTAW	AL	88.3	32.0	2.36E+09	4.61E+08	19.5	1.87E+08	47.0	22.9	30.1		4.48E+05
1	25	CLARKE	AL	87.8	31.7	3.19E+09	5.59E+08	17.5	2.10E+08	39.1	37.5	23.4		3.40E+05
1	27	CLAY	AL	85.9	33.3	1.58E+09	3.60E+08	23.1	1.84E+08	52.1	23.4	23.5	1.90E+05	3.84E+05
1	29	CLEBURNE	AL	85.5	33.7	1.49E+09	2.13E+08	14.4	1.10E+08	45.1	26.2	28.7		4.33E+05
1	31	COFFEE	AL	86.0	31.4	1.75E+09	8.95E+08	51.1	3.42E+08	38.1	37.0	24.9	6.78E+05	1.72E+06
1	33	COLBERT	AL	87.8	34.7	1.54E+09	6.21E+08	40.2	3.00E+08	49.4	20.6	30.0	1.09E+05	4.29E+05
1	35	CONECUH	AL	87.0	31.6	2.20E+09	5.72E+08	26.0	2.43E+08	41.5	37.1	21.3	2.43E+04	2.34E+06
1	37	COOSA	AL	86.2	32.9	1.68E+09	2.75E+08	16.4	1.51E+08	43.7	35.9	20.4	1.42E+05	3.44E+05
1	39	COVINGTON	AL	86.5	31.3	2.55E+09	1.02E+09	40.2	4.05E+08	44.0	35.7	20.3	9.71E+04	3.50E+06
1	41	CRENSHAW	AL	86.3	31.7	1.58E+09	6.43E+08	40.6	3.27E+08	31.3	41.3	27.3	1.30E+06	1.93E+06
1	43	CULLMAN	AL	86.9	34.1	1.89E+09	9.41E+08	49.9	4.19E+08	48.5	19.5	33.9	2.19E+05	4.77E+06
1	45	DALE	AL	85.6	31.4	1.45E+09	6.78E+08	46.8	2.54E+08	36.4	43.0	20.6	1.55E+06	1.18E+06
1	47	DALLAS	AL	87.1	32.3	2.53E+09	1.43E+09	56.6	8.23E+08	28.0	20.6	51.4	3.93E+05	3.47E+06
1	49	DE KALB	AL	85.8	34.5	2.02E+09	9.54E+08	47.3	3.48E+08	49.9	20.9	29.2	9.43E+05	3.20E+06
1	51	ELMORE	AL	86.2	32.6	1.62E+09	6.45E+08	39.9	2.89E+08	48.8	24.7	26.5	4.76E+05	1.35E+06
1	53	ESCAMBIA	AL	87.2	31.1	3.49E+09	4.99E+08	20.0	1.45E+08	35.1	20.6	44.3	9.71E+04	9.54E+05
1	55	ETOWAH	AL	86.0	34.1	1.44E+09	5.10E+08	35.5	2.64E+08	47.9	28.8	23.4	3.32E+05	1.20E+06
1	57	FAYETTE	AL	87.7	33.7	1.62E+09	3.72E+08	22.9	1.47E+08	44.2	31.8	24.0		2.39E+05
1	59	FRANKLIN	AL	87.9	34.4	1.67E+09	5.99E+08	35.9	3.31E+08	48.6	30.7	20.7	1.42E+05	1.03E+06
1	61	GENEVA	AL	85.8	31.1	1.49E+09	9.43E+08	63.1	3.19E+08	40.7	27.5	31.7	3.60E+06	2.24E+06
1	63	GREENE	AL	87.9	32.9	1.62E+09	7.44E+08	47.0	4.83E+08	29.3	27.4	43.1	6.47E+04	3.34E+06
1	65	HALE	AL	87.6	32.8	1.71E+09	8.05E+08	46.9	4.39E+08	43.1	11.4	45.4	4.25E+05	9.11E+06
1	67	HENRY	AL	85.3	31.5	1.43E+09	6.92E+08	48.3	4.39E+08	40.6	30.7	28.7	1.07E+06	1.01E+06
1	69	HOUSTON	AL	85.3	31.2	1.49E+09	9.75E+08	65.5	2.87E+08	46.9	25.3	33.8	8.73E+06	1.76E+06
1	71	JACKSON	AL	86.0	34.8	2.79E+09	1.08E+09	38.8	3.39E+08	49.8	21.5	28.7	8.09E+04	1.60E+06
1	73	JEFFERSON	AL	86.9	33.6	2.89E+09	2.09E+08	7.2	1.22E+08	50.9	23.3	25.8	1.17E+05	8.98E+05
1	75	LAMAR	AL	88.1	33.8	1.57E+09	3.56E+08	22.7	1.36E+08	38.0	32.8	29.2	2.43E+04	3.04E+05
1	77	LAUDERDALE	AL	87.7	34.9	1.71E+09	9.27E+08	54.1	4.34E+08	60.8	17.4	21.6	1.21E+04	1.14E+06
1	79	LAURENCE	AL	87.3	34.5	1.77E+09	9.74E+08	54.9	4.70E+08	47.9	20.4	31.7	1.47E+06	2.02E+06
1	81	LEE	AL	85.4	32.6	1.58E+09	4.59E+08	29.0	2.79E+08	40.1	31.8	28.1	1.50E+05	2.41E+06
1	83	LIMESTONE	AL	87.0	34.8	1.41E+09	9.79E+08	69.3	3.55E+08	48.0	18.4	33.4	1.53E+06	1.46E+06
1	85	LOWNDES	AL	86.7	32.2	1.85E+09	1.28E+09	69.0	9.95E+08	24.4	27.3	48.3	1.51E+06	4.37E+06
1	87	MACON	AL	85.7	32.4	1.60E+09	8.22E+08	51.5	4.11E+08	22.6	32.8	44.6	3.29E+06	2.48E+06
1	89	MADISON	AL	86.5	34.8	2.08E+09	1.47E+09	70.7	5.13E+08	40.1	17.8	42.1	9.51E+05	1.61E+06
1	91	MARENGO	AL	87.8	32.3	2.53E+09	1.14E+09	45.8	7.39E+08	30.3	24.2	45.4	4.05E+03	2.84E+06
1	93	MARION	AL	87.9	34.1	1.92E+09	5.33E+08	27.7	2.11E+08	46.5	21.0	32.5		1.04E+06
1	95	MARSHALL	AL	86.3	34.4	1.48E+09	6.50E+08	43.9	2.49E+08	52.1	20.3	27.7	4.45E+04	3.97E+06
1	97	MOBILE	AL	88.2	30.8	3.21E+09	5.39E+08	16.8	2.19E+08	41.1	36.1	22.8	3.27E+06	1.32E+06
1	99	MONROE	AL	87.4	31.4	2.47E+09	7.26E+08	29.1	3.88E+08	40.5	36.5	23.0	1.74E+05	7.45E+05
1	101	MONTGOMERY	AL	86.2	32.2	2.05E+09	1.55E+09	76.0	1.05E+09	30.4	21.0	48.6	2.95E+05	8.48E+06
1	103	MORGAN	AL	86.9	34.5	1.48E+09	7.23E+08	48.9	3.72E+08	31.7	20.7	27.6	6.47E+04	1.49E+06

APPENDIX A (CONTINUED)

ST	CO	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
1	105	PERRY	AL	87.3	32.6	1.90E+09	9.03E+08	47.5	4.43E+08	31.8	18.6	49.7	4.05E+04	3.48E+06
1	107	PICKENS	AL	88.1	33.3	2.30E+09	7.03E+08	30.6	2.50E+08	37.4	19.2	43.4	1.13E+05	1.22E+06
1	109	PIKE	AL	85.9	31.6	1.74E+09	1.13E+09	65.0	6.17E+08	25.4	20.2	54.5	5.30E+05	1.87E+06
1	111	RANDOLPH	AL	85.5	33.3	1.50E+09	4.67E+08	31.0	2.95E+08	47.9	30.3	21.8	4.05E+03	9.02E+05
1	113	RUSSELL	AL	85.2	32.3	1.42E+09	7.96E+08	49.0	3.12E+08	21.2	50.5	28.3	8.09E+03	2.23E+06
1	115	ST CLAIR	AL	86.3	33.7	1.66E+09	4.13E+08	24.9	2.44E+08	49.2	29.9	20.9	2.13E+04	1.20E+06
1	117	SHELBY	AL	86.7	33.3	2.07E+09	3.86E+08	18.7	1.99E+08	53.3	16.6	30.1	1.02E+06	9.11E+05
1	119	SUMTER	AL	88.2	32.6	2.37E+09	1.07E+09	45.2	6.61E+08	34.3	20.2	45.4	3.64E+04	4.39E+06
1	121	TALLADEGA	AL	86.2	33.4	1.94E+09	5.44E+08	28.1	3.10E+08	38.7	31.6	29.8		1.88E+06
1	123	TALLAPOOSA	AL	85.8	32.9	1.82E+09	3.90E+08	21.4	2.13E+08	44.2	30.5	25.3	8.09E+03	9.87E+05
1	125	TUSCALOOSA	AL	87.5	33.3	3.45E+09	6.48E+08	18.8	3.01E+08	36.0	43.5	20.7	1.62E+05	2.31E+06
1	127	WALKER	AL	87.3	33.8	2.08E+09	2.63E+08	12.6	1.37E+08	53.3	25.7	21.0	7.28E+04	8.17E+05
1	129	WASHINGTON	AL	88.2	31.4	3.76E+09	4.21E+08	22.5	2.51E+08	23.6	37.5	38.9	8.09E+03	8.90E+05
1	131	WILCOX	AL	87.3	32.0	2.33E+09	9.78E+08	42.0	5.28E+08	26.1	26.4	47.5	5.26E+05	1.20E+06
1	133	WINSTON	AL	87.4	34.2	1.39E+09	2.74E+08	17.2	1.40E+08	40.5	27.8	31.6	2.43E+04	8.09E+05
4	0		AZ			2.94E+11	1.54E+11	52.3	1.34E+11	0.4	5.4	94.2	4.67E+09	3.79E+07
4	1	APACHE	AZ	109.5	35.4	2.89E+10	2.48E+10	85.9	2.16E+10	0.2	10.9	88.9	4.39E+07	3.06E+06
4	3	COCHISE	AZ	109.8	31.9	1.42E+10	8.35E+09	58.8	7.89E+09	1.3	1.6	97.4	4.47E+08	4.08E+06
4	5	COCONINO	AZ	111.8	35.8	4.80E+10	2.36E+10	49.2	2.35E+10	0.1	8.1	91.8	1.21E+07	2.88E+06
4	7	GILA	AZ	110.8	33.8	1.27E+10	4.59E+09	37.3	4.48E+09	0.4	30.8	68.8	3.00E+06	3.20E+05
4	9	GRAHAM	AZ	109.9	32.9	1.20E+10	8.17E+09	68.3	7.64E+09	0.3	5.1	94.7	1.70E+08	3.79E+06
4	11	GREENLEE	AZ	109.2	33.2	4.87E+09	8.38E+08	17.2	8.05E+08	1.9		98.1	2.24E+07	1.42E+06
4	13	MARICOPA	AZ	112.5	33.4	2.37E+10	6.23E+09	26.3	3.84E+09	1.6	0.5	97.9	1.73E+07	2.38E+06
4	15	MOHAVE	AZ	113.8	35.7	3.42E+10	9.95E+09	29.1	8.67E+09	0.2	1.3	98.5	2.24E+07	4.58E+06
4	17	NAVAJO	AZ	110.3	35.4	2.57E+10	2.57E+10	100.0	2.63E+10	0.1	16.0	83.9	2.88E+07	2.11E+06
4	19	PIMA	AZ	111.9	32.1	2.39E+10	1.57E+10	69.6	1.53E+10	0.2	0.9	98.9	1.86E+08	2.30E+06
4	21	PINAL	AZ	111.4	32.9	1.39E+10	9.23E+09	66.5	7.12E+09	0.4		99.6	9.97E+08	4.62E+06
4	23	SANTA CRUZ	AZ	110.9	31.5	3.23E+09	1.14E+09	35.9	1.15E+09	2.9	0.2	96.9	6.88E+06	1.56E+06
4	25	YAVAPAI	AZ	112.5	34.6	2.10E+10	9.49E+09	45.3	9.40E+09	0.5	0.1	99.4	4.67E+07	3.88E+06
4	27	YUMA	AZ	113.9	33.2	2.59E+10	1.99E+09	7.7	7.43E+08	2.4		97.6	9.34E+08	1.81E+06
5	0		AR			1.35E+11	5.93E+10	44.0	2.23E+10	44.8	23.3	31.9	3.84E+09	2.67E+08
5	1	ARKANSAS	AR	91.4	34.3	2.63E+09	1.74E+09	66.2	1.18E+08	32.6	32.0	35.8	5.25E+08	3.49E+07
5	3	ASHLEY	AR	91.8	33.2	2.40E+09	6.48E+08	27.0	1.24E+08	50.2	18.5	31.3	5.98E+07	5.67E+06
5	5	BAXTER	AR	92.3	36.3	1.39E+09	3.54E+08	25.4	2.61E+08	38.8	24.8	36.3	1.21E+04	1.10E+06
5	7	BENTON	AR	94.3	36.3	2.20E+09	1.14E+09	51.7	8.06E+08	52.3	18.9	28.8	1.80E+06	5.39E+06
5	9	BOONE	AR	93.1	36.3	1.52E+09	9.78E+08	64.4	7.83E+08	39.4	25.8	34.9	9.96E+05	3.53E+06
5	11	BRADLEY	AR	92.2	33.5	1.49E+09	1.84E+08	10.9	1.09E+08	48.2	39.6	12.1	2.57E+06	1.28E+06
5	13	CALHOUN	AR	92.5	33.6	1.53E+09	1.20E+08	7.4	7.11E+07	74.0	16.9	9.1	2.31E+05	1.78E+05
5	15	CARROLL	AR	93.5	36.3	1.52E+09	9.04E+08	55.8	7.26E+08	39.2	37.1	23.0	1.57E+06	2.76E+06
5	17	CHICOT	AR	91.3	33.3	1.66E+09	1.12E+09	67.6	1.17E+08	51.8	9.2	39.0	9.38E+07	5.63E+06
5	19	CLARK	AR	93.2	34.1	2.27E+09	5.24E+08	23.0	2.69E+08	50.8	24.4	24.8	6.43E+06	1.10E+06
5	21	CLAY	AR	90.4	36.4	1.66E+09	1.24E+09	74.8	1.72E+08	38.0	18.4	43.4	8.09E+07	1.90E+06
5	23	CLEBURNE	AR	92.0	35.5	1.43E+09	5.23E+08	36.5	3.36E+08	43.1	27.5	29.6	9.71E+04	1.72E+06
5	25	CLEVELAND	AR	92.2	33.9	1.56E+09	2.29E+08	14.7	1.11E+08	50.4	28.8	20.6	4.09E+05	8.90E+05
5	27	COLUMBIA	AR	93.3	33.2	1.99E+09	3.68E+08	18.5	2.22E+08	50.0	22.3	27.7	6.88E+04	1.08E+06
5	29	CONWAY	AR	92.7	35.3	1.45E+09	7.11E+08	49.0	4.00E+08	50.6	20.4	29.0	1.57E+06	2.99E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRIC'ULTURAL POND AREA(M##2)
5	31	CRAIGHEAD	AR	90.6	35.8	1.86E+09	1.44E+09	77.5	9.76E+07	53.0	24.2	22.8	1.72E+08	1.76E+06
5	33	CRAWFORD	AR	94.3	35.6	1.54E+09	5.42E+08	35.1	3.09E+08	48.4	33.1	28.5	1.79E+07	2.51E+06
5	35	CRITTENDEN	AR	90.3	35.2	1.57E+09	1.42E+09	90.1	3.23E+07	45.2	17.7	37.1	4.37E+07	1.29E+06
5	37	CROSS	AR	90.8	35.3	1.62E+09	1.37E+09	84.5	1.19E+08	38.7	21.0	43.3	2.86E+06	4.42E+06
5	39	DALLAS	AR	92.6	34.0	1.74E+09	1.62E+08	9.3	9.52E+07	39.4	43.1	17.5	1.23E+06	5.34E+05
5	41	DESHA	AR	91.3	33.8	1.91E+09	1.15E+09	60.3	1.15E+08	29.5	5.3	65.4	1.68E+08	5.40E+06
5	43	DREW	AR	91.7	33.6	2.15E+09	6.51E+08	30.2	1.97E+08	50.7	13.1	36.3	1.57E+07	3.66E+06
5	45	FAULKNER	AR	92.3	35.1	1.66E+09	9.18E+08	55.3	6.43E+08	50.4	14.2	33.4	7.82E+06	3.88E+06
5	47	FRANKLIN	AR	93.9	35.5	1.57E+09	6.94E+08	43.7	4.93E+08	44.8	15.2	40.0	1.27E+06	3.52E+06
5	49	FULTON	AR	91.8	36.4	1.58E+09	8.57E+08	54.4	6.93E+08	36.9	24.7	38.4	2.63E+05	2.82E+06
5	51	GARLAND	AR	93.1	34.6	1.70E+09	1.83E+08	10.8	1.40E+08	50.7	22.4	26.9	8.50E+04	9.02E+05
5	53	GRANT	AR	92.4	34.3	1.63E+09	1.67E+08	10.2	1.08E+08	51.3	23.4	25.3	8.90E+04	6.47E+05
5	55	GREENE	AR	90.6	36.1	1.50E+09	1.01E+09	67.3	1.51E+08	43.9	30.4	25.6	6.48E+07	1.12E+06
5	57	HEMPSTEAD	AR	93.7	33.7	1.88E+09	7.31E+08	38.9	4.95E+08	45.1	19.5	35.4	1.23E+05	3.58E+06
5	59	HOT SPRING	AR	92.9	34.3	1.61E+09	2.75E+08	17.1	1.86E+08	50.6	20.1	29.3	2.79E+06	6.96E+05
5	61	HOWARD	AR	94.0	34.1	1.48E+09	3.98E+08	26.9	2.89E+08	43.0	13.7	43.3	1.82E+08	2.21E+06
5	63	INDEPENDENCE	AR	91.6	35.7	1.95E+09	1.17E+09	60.0	6.57E+08	41.4	24.0	34.6	1.06E+07	2.64E+06
5	65	IZARD	AR	91.9	36.1	1.49E+09	7.20E+08	48.5	5.83E+08	42.0	34.8	23.2		1.17E+06
5	67	JACKSON	AR	91.2	35.6	1.63E+09	1.42E+09	87.3	1.57E+08	37.8	25.5	36.7	1.87E+06	3.49E+06
5	69	JEFFERSON	AR	91.9	34.3	2.26E+09	1.20E+09	53.2	1.77E+08	26.1	8.0	65.9	1.38E+08	6.38E+06
5	71	JOHNSON	AR	93.5	35.4	1.74E+09	4.66E+08	26.7	2.88E+08	53.7	16.0	30.3	6.02E+06	1.46E+06
5	73	LAFAYETTE	AR	93.6	33.2	1.33E+09	4.88E+08	36.1	2.50E+08	35.9	21.5	42.6	2.71E+07	1.81E+06
5	75	LAWRENCE	AR	91.1	36.0	1.53E+09	1.12E+09	73.0	3.13E+08	46.8	22.3	30.9	7.86E+07	2.66E+06
5	77	LEE	AR	90.8	34.6	1.57E+09	1.17E+09	74.4	1.11E+08	46.3	14.6	39.0	4.34E+07	5.87E+05
5	79	LINCOLN	AR	91.7	34.0	1.46E+09	8.94E+08	61.4	1.89E+08	42.6	25.0	32.4	1.17E+08	5.32E+06
5	81	LITTLE RIVER	AR	94.2	33.7	1.26E+09	6.50E+08	51.6	3.82E+08	35.0	21.2	43.8	4.77E+06	2.14E+06
5	83	LOGAN	AR	93.7	35.2	1.86E+09	7.97E+08	42.9	5.79E+08	44.9	10.5	36.4	1.43E+06	2.66E+06
5	85	LONOKE	AR	91.9	34.8	2.06E+09	1.71E+09	83.1	3.38E+08	35.8	19.4	44.7	4.44E+08	4.87E+07
5	87	MADISON	AR	93.7	36.0	2.15E+09	8.93E+08	41.5	4.24E+08	41.6	28.2	30.2	2.55E+05	3.40E+06
5	89	MARION	AR	92.7	36.3	1.51E+09	5.37E+08	35.5	4.22E+08	39.9	27.0	33.0	4.13E+06	1.38E+06
5	91	MILLER	AR	93.9	33.3	1.41E+09	7.22E+08	44.8	3.81E+08	40.0	14.7	45.3	5.48E+06	1.84E+06
5	93	MISSISSIPPI	AR	90.1	35.8	2.34E+09	2.06E+09	87.9	5.64E+07	34.6	9.2	56.2	1.91E+07	3.28E+05
5	95	MONROE	AR	91.2	34.7	1.57E+09	9.14E+08	58.1	7.43E+07	22.2	22.7	55.1	1.15E+08	5.19E+06
5	97	MONTGOMERY	AR	93.7	34.5	2.01E+09	2.98E+08	14.8	2.02E+08	37.2	21.9	20.9	2.67E+05	8.90E+05
5	99	NEVADA	AR	93.3	33.7	1.59E+09	4.27E+08	26.8	2.87E+08	46.3	26.4	27.4	4.05E+05	1.93E+06
5	101	NEWTON	AR	93.2	35.9	2.13E+09	3.99E+08	18.7	2.62E+08	41.3	36.7	22.1	6.89E+05	1.02E+06
5	103	OUACHITA	AR	92.9	33.4	1.91E+09	2.25E+08	11.8	7.77E+07	69.3	14.0	16.6		9.58E+05
5	105	PERRY	AR	92.9	34.9	1.43E+09	3.11E+08	21.8	1.73E+08	47.4	14.2	38.4	8.89E+06	1.02E+06
5	107	PHILLIPS	AR	90.9	34.4	1.78E+09	1.41E+09	79.1	8.88E+07	38.0	16.5	45.5	3.15E+07	1.26E+06
5	109	PIKE	AR	93.7	34.2	1.35E+09	2.78E+08	17.9	1.85E+08	44.4	27.0	28.7	1.09E+05	1.46E+06
5	111	POINSETT	AR	90.7	35.6	1.97E+09	1.58E+09	80.3	5.91E+07	49.3	19.8	30.7	2.09E+08	1.56E+06
5	113	POLK	AR	94.2	34.5	2.22E+09	4.23E+08	19.0	2.74E+08	44.5	26.0	29.5	1.56E+06	2.63E+06
5	115	POPE	AR	93.0	35.4	2.10E+09	7.36E+08	35.0	3.81E+08	53.3	18.4	28.2	2.88E+06	3.82E+06
5	117	PRAIRIE	AR	91.6	34.8	1.71E+09	1.26E+09	73.4	9.68E+07	32.7	10.6	56.7	2.95E+08	1.84E+07
5	119	PULASKI	AR	92.3	34.8	1.98E+09	5.61E+08	28.3	2.15E+08	50.7	12.1	37.2	2.86E+07	1.90E+06
5	121	RANDOLPH	AR	91.0	36.3	1.68E+09	9.37E+08	55.9	4.59E+08	43.5	29.2	27.3	2.82E+07	3.10E+06
5	123	ST FRANCIS	AR	90.8	35.0	1.65E+09	1.25E+09	76.0	1.01E+08	55.5	19.7	24.9	1.33E+08	1.83E+06
5	125	SALINE	AR	92.7	34.6	1.87E+09	2.22E+08	11.8	1.29E+08	53.9	25.6	20.5	1.70E+05	6.31E+05
5	127	SCOTT	AR	94.1	34.9	2.33E+09	4.90E+08	21.1	3.64E+08	39.4	29.2	31.3		1.55E+06
5	129	SEARCY	AR	92.7	35.9	1.73E+09	6.91E+08	40.2	4.91E+08	39.7	31.8	28.6	4.86E+04	1.45E+06
5	131	SEBASTIAN	AR	94.3	35.2	1.36E+09	5.65E+08	41.4	4.43E+08	47.5	21.6	30.9	7.12E+05	2.25E+06
5	133	SEVIER	AR	94.3	34.0	1.35E+09	4.78E+08	35.4	3.55E+08	46.2	19.2	34.7	2.43E+06	1.48E+06
5	135	SHARP	AR	91.5	36.2	1.50E+09	7.56E+08	50.3	5.91E+08	35.0	45.0	20.0	1.48E+06	1.96E+06
5	137	STONE	AR	92.2	35.9	1.58E+09	5.10E+08	32.4	3.14E+08	46.1	35.5	18.4	2.83E+04	1.21E+06
5	139	UNION	AR	92.6	33.2	2.72E+09	1.61E+08	5.9	8.68E+07	57.2	27.3	15.5	4.09E+04	9.11E+05
5	141	VAN BUREN	AR	92.5	35.6	1.81E+09	5.05E+08	27.9	3.38E+08	48.2	29.8	22.0	1.17E+05	1.38E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
5	143	WASHINGTON	AR	94.2	36.0	2.48E+09	1.36E+09	54.6	8.32E+08	48.4	18.6	33.1	5.28E+06	7.09E+06
5	145	WHITE	AR	91.7	35.3	2.70E+09	1.70E+09	63.1	7.33E+08	51.4	24.3	24.3	2.03E+07	4.61E+06
5	147	WOODRUFF	AR	91.2	35.2	1.33E+09	1.19E+09	77.5	7.64E+07	41.3	31.4	27.3	1.91E+09	2.81E+06
5	149	YELL	AR	93.4	35.0	2.41E+09	8.65E+08	35.9	5.23E+08	45.0	53.9	31.1	3.35E+06	2.84E+06
6	0		CA			4.05E+11	1.35E+11	33.4	9.16E+10	6.3	4.7	89.1	3.14E+10	1.19E+08
6	1	ALAMEDA	CA	121.8	37.6	1.90E+09	1.09E+09	57.4	9.36E+08	12.8	2.4	84.9	5.03E+07	1.33E+06
6	3	ALPINE	CA	119.8	38.6	1.51E+09								
6	5	AMADOR	CA	120.6	38.5	1.51E+09	8.01E+08	53.0	7.44E+08	8.6	27.1	64.3	9.05E+06	5.99E+05
6	7	BUTTE	CA	121.6	39.7	4.26E+09	1.92E+09	45.1	8.37E+08	9.4	3.5	88.1	7.76E+08	1.35E+06
6	9	CALAVERAS	CA	120.6	38.2	2.45E+09	1.03E+09	38.9	9.83E+08	5.9	7.3	86.8	1.59E+07	2.08E+06
6	11	COLUSA	CA	122.2	39.2	2.98E+09	1.79E+09	60.0	6.16E+08	10.9	9.0	80.1	7.99E+08	6.47E+05
6	13	CONTRA COSTA	CA	121.9	37.9	1.90E+09	1.05E+09	55.0	8.08E+08	12.6	1.7	85.7	1.34E+08	1.13E+06
6	15	DEL NORTE	CA	123.9	41.8	2.61E+09	7.35E+07	2.8	4.14E+07	48.4	6.9	44.7	1.79E+07	9.09E+01
6	17	EL DORADO	CA	120.5	38.8	4.44E+09	8.00E+08	18.0	7.61E+08	8.6	26.4	64.8	2.98E+07	5.91E+05
6	19	FRESNO	CA	119.6	36.8	1.35E+10	8.22E+09	53.2	3.31E+09	5.4	0.8	93.8	4.92E+09	3.82E+06
6	21	GLENN	CA	122.4	39.6	3.40E+09	2.53E+09	74.8	1.26E+09	11.2	2.8	86.0	7.72E+08	5.51E+06
6	23	HUMBOLDT	CA	123.9	40.7	9.29E+09	3.12E+09	33.6	2.64E+09	8.9	26.9	67.2	6.60E+07	1.98E+05
6	25	IMPERIAL	CA	115.4	33.0	1.10E+10	2.08E+09	18.9	1.22E+08	32.9		67.1	1.84E+09	1.39E+06
6	27	INYO	CA	117.4	36.5	2.62E+10	1.84E+09	7.0	1.81E+09	0.8		99.1	5.81E+07	2.83E+04
6	29	KERN	CA	118.7	35.3	2.11E+10	1.26E+10	59.8	8.92E+09	3.9	0.3	96.9	3.12E+09	5.97E+06
6	31	KINGS	CA	119.8	36.1	3.42E+09	3.97E+09	82.2	9.24E+08	6.7	1.2	91.1	1.86E+09	2.65E+06
6	33	LAKE	CA	122.8	39.1	3.27E+09	7.34E+08	22.5	5.60E+08	4.4	10.2	85.3	6.34E+07	2.93E+06
6	35	LASSEN	CA	120.6	40.7	1.10E+10	2.55E+09	21.6	2.14E+09	6.7	8.0	85.3	2.45E+08	4.31E+06
6	37	LOS ANGELES	CA	118.2	34.4	1.05E+10	1.62E+09	15.4	1.21E+09	5.5		94.5	1.84E+08	9.26E+05
6	39	MADERA	CA	119.8	37.2	5.56E+09	3.03E+09	54.6	1.96E+09	9.0	1.4	89.6	9.25E+08	2.32E+06
6	41	MARIN	CA	122.7	38.1	1.35E+09	5.70E+08	42.3	5.13E+08	7.6	1.6	90.8	3.11E+06	9.51E+05
6	43	MARIPOSA	CA	119.9	37.6	3.76E+09	9.38E+08	24.9	9.19E+08	3.4	3.9	92.6	1.83E+07	9.63E+05
6	45	MENDOCINO	CA	123.4	39.5	9.09E+09	2.73E+09	30.0	3.39E+09	5.5	13.9	81.4	6.43E+07	2.05E+06
6	47	MERCED	CA	120.7	37.2	5.07E+09	4.12E+09	81.3	3.55E+09	13.6	0.4	86.0	1.60E+09	3.92E+06
6	49	MODOC	CA	120.7	41.6	1.06E+10	2.64E+09	24.9	2.09E+09	6.9	5.5	87.6	5.09E+08	4.67E+06
6	51	MONO	CA	118.9	37.9	7.84E+09	3.01E+08	3.8	2.58E+08	3.3		96.7	1.11E+08	6.07E+04
6	53	MONTEREY	CA	121.2	36.2	9.41E+09	5.76E+09	66.9	4.20E+09	3.7	2.9	93.4	9.21E+08	3.97E+06
6	55	NAPA	CA	122.3	38.5	2.04E+09	9.12E+08	44.7	7.02E+08	7.5	10.4	82.1	4.62E+07	3.19E+06
6	57	NEVADA	CA	120.8	39.3	2.52E+09	3.70E+08	14.7	3.53E+08	7.0	30.2	62.8	1.05E+07	2.35E+05
6	59	ORANGE	CA	117.8	33.7	2.03E+09	6.75E+08	33.3	4.66E+08	6.7	0.2	93.1	1.08E+08	3.87E+06
6	61	PLACER	CA	120.7	39.1	3.71E+09	6.79E+08	18.3	4.29E+08	22.8	9.4	67.8	1.05E+08	1.88E+06
6	63	PLUMAS	CA	120.8	40.0	6.45E+09	5.30E+08	8.1	4.38E+08	9.6	3.6	87.8	9.26E+07	1.90E+05
6	65	RIVERSIDE	CA	116.0	33.7	1.86E+10	2.27E+09	12.2	8.80E+08	8.0	1.4	90.6	7.98E+08	1.94E+06
6	67	SACRAMENTO	CA	121.3	38.5	2.92E+09	1.81E+09	71.8	9.95E+08	14.6	2.4	83.0	6.45E+08	2.69E+06
6	69	SAN BENITO	CA	121.1	36.6	3.62E+09	2.76E+09	76.1	2.47E+09	2.0	0.4	97.6	1.40E+08	1.66E+06
6	71	SAN BERNARDI	CA	116.2	34.8	5.21E+10	9.66E+09	18.5	9.30E+09	0.5		99.5	1.99E+08	8.26E+05
6	73	SAN DIEGO	CA	116.7	33.0	1.10E+10	3.79E+09	35.2	2.24E+09	3.3	2.7	94.0	2.94E+08	1.40E+06
6	75	SAN FRANCISC	CA	122.4	37.8	3.66E+09								2.99E+04
6	77	SAN JOAQUIN	CA	121.3	37.9	3.66E+09	3.45E+09	94.3	1.31E+09	14.6	0.4	85.0	1.91E+09	2.99E+06
6	79	SAN LUIS OBI	CA	120.4	35.4	8.24E+09	6.57E+09	79.7	5.09E+09	4.3	2.4	93.3	1.45E+08	3.88E+04
6	81	SAN MATEO	CA	122.3	37.4	1.16E+09	3.18E+08	27.5	2.37E+08	25.6	4.5	69.8	3.76E+07	9.59E+05
6	83	SANTA BARBAR	CA	120.0	34.7	7.09E+09	3.91E+09	55.2	3.18E+09	3.0	0.8	96.1	2.89E+08	2.66E+06
6	85	SANTA CLARA	CA	121.7	37.2	3.37E+09	1.60E+09	47.5	1.32E+09	4.8	4.3	90.7	1.34E+08	1.51E+06
6	87	SANTA CRUZ	CA	122.0	37.1	1.14E+09	2.12E+08	19.2	1.07E+08	16.4	3.0	80.6	5.40E+07	8.58E+05
6	89	SHASTA	CA	122.1	40.8	9.81E+09	1.54E+09	15.9	1.34E+09	11.9	13.8	74.3	1.57E+08	2.21E+06
6	91	SIERRA	CA	120.5	39.6	2.48E+09	3.14E+08	12.6	2.76E+08	6.1	2.2	91.8	4.58E+07	1.09E+05

APPENDIX A (CONTINUED)

FS	FC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	PERCENT OF TOTAL PASTURE %WOODLAND	PERCENT OF TOTAL PASTURE %RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
6	93	SISKIYOU	CA	122.6	41.6	1.63E+10	3.27E+09	20.1	2.56E+09	9.2	19.1	71.7	4.84E+08	2.85E+06
6	95	SOLANO	CA	121.9	38.3	2.13E+09	1.53E+09	71.7	7.63E+08	20.8	1.0	78.2	4.90E+08	1.22E+06
6	97	SONOMA	CA	122.9	38.5	4.15E+09	2.38E+09	57.3	1.70E+09	14.0	11.0	75.0	1.32E+08	4.99E+06
6	99	STANISLAUS	CA	121.0	37.6	3.91E+09	3.04E+09	77.6	1.58E+09	14.1	4.2	81.7	1.26E+09	2.42E+06
6	101	SUTTER	CA	121.7	39.0	1.56E+09	1.48E+09	95.1	3.30E+08	12.8	31.8	55.4	8.56E+08	3.56E+05
6	103	TEHAMA	CA	122.2	40.1	7.72E+09	5.08E+09	65.8	4.58E+09	4.6	4.7	90.7	3.18E+08	4.32E+06
6	105	TRINITY	CA	123.1	40.7	8.22E+09	3.93E+08	4.7	3.08E+08	5.4	19.1	75.4	5.48E+06	2.43E+04
6	107	TULARE	CA	118.8	36.2	1.05E+10	5.67E+09	45.5	2.79E+09	5.3	3.0	91.8	2.39E+09	3.02E+06
6	109	TUOLUMNE	CA	120.0	38.0	5.83E+09	4.96E+08	8.5	4.67E+08	10.1	8.8	81.1	1.10E+07	8.86E+05
6	111	VENTURA	CA	119.1	34.5	4.83E+09	1.25E+09	26.0	6.93E+08	7.1	1.7	91.2	4.01E+08	4.61E+05
6	113	YOLO	CA	121.9	38.7	2.46E+09	2.35E+09	88.3	5.97E+08	13.0	3.6	83.4	1.11E+09	1.02E+06
6	115	YUBA	CA	121.4	39.3	1.46E+09	7.69E+08	46.5	4.70E+08	15.5	0.4	84.2	3.44E+08	2.51E+05
8	0		CO			2.69E+11	1.45E+11	54.1	1.03E+11	5.1	3.9	92.0	1.14E+10	1.16E+08
8	1	ADAMS	CO	104.4	39.9	3.22E+09	3.22E+09	100.0	1.29E+09	7.1	0.7	92.2	1.48E+08	3.90E+06
8	3	ALAMOSA	CO	105.8	37.6	1.86E+09	1.20E+09	64.3	8.52E+08	9.5	2.8	87.7	3.55E+08	8.62E+05
8	5	ARAPAHOE	CO	104.4	39.7	2.11E+09	1.68E+09	79.7	1.16E+09	4.3	0.1	95.6	2.05E+07	5.58E+06
8	7	ARCHULETA	CO	107.0	37.3	3.53E+09	5.66E+08	16.0	5.13E+08	10.5	18.9	70.6	3.95E+07	5.22E+05
8	9	BACA	CO	102.6	37.3	6.66E+09	5.66E+09	85.3	2.94E+09	7.7		92.2	3.46E+08	1.77E+06
8	11	BENT	CO	103.1	37.9	3.93E+09	3.20E+09	81.3	2.57E+09	1.6		98.4	2.38E+08	1.20E+06
8	13	BOULDER	CO	105.3	40.1	1.94E+09	4.97E+08	25.6	2.47E+08	21.9	1.8	76.3	1.55E+08	1.26E+06
8	15	CHAFFEE	CO	106.2	38.7	2.49E+09	3.71E+08	13.8	3.19E+08	10.2	1.1	88.7	4.76E+07	3.04E+05
8	17	CHEYENNE	CO	102.4	38.8	4.59E+09	3.66E+09	79.8	2.10E+09	2.5		97.5	7.07E+07	9.15E+05
8	19	CLEAR CREEK	CO	105.6	39.7	3.28E+09								8.78E+05
8	21	CONEJOS	CO	106.2	37.2	3.28E+09	1.35E+09	41.0	9.15E+08	10.8	0.8	88.4	4.17E+08	8.78E+05
8	23	COSTILLA	CO	105.4	37.3	3.14E+09	1.62E+09	51.5	1.11E+09	3.4		96.6	1.03E+08	7.49E+05
8	25	CROWLEY	CO	103.8	38.3	2.08E+09	1.77E+09	85.1	1.47E+09	2.2	0.1	97.7	1.29E+08	7.97E+05
8	27	CUSTER	CO	105.4	38.1	1.91E+09	9.81E+08	51.3	8.51E+08	7.5	7.4	85.1	5.39E+07	5.79E+05
8	29	DELTA	CO	107.9	38.8	2.99E+09	1.14E+09	38.1	7.62E+08	12.7	4.3	83.0	2.79E+08	1.35E+06
8	31	DENVER	CO	105.0	39.7	1.75E+08	2.06E+06	1.2	1.22E+06			100.0	2.67E+05	
8	33	DOLORES	CO	108.5	37.8	2.66E+09	7.15E+08	26.9	3.02E+08	10.7	13.1	76.2	2.47E+06	1.19E+06
8	35	DOUGLAS	CO	104.9	39.3	2.18E+09	1.11E+09	50.7	9.77E+08	3.0	1.6	94.8	1.61E+07	4.20E+06
8	37	EAGLE	CO	106.7	39.6	4.35E+09	1.26E+09	29.0	1.17E+09	2.2	4.5	93.3	9.19E+07	6.23E+05
8	39	ELBERT	CO	104.1	39.3	4.83E+09	4.37E+09	90.4	3.57E+09	5.0	1.4	93.7	1.98E+07	5.06E+06
8	41	EL PASO	CO	104.5	38.8	5.59E+09	3.78E+09	67.7	3.43E+09	4.2	2.9	92.9	4.51E+07	3.74E+06
8	43	FREMONT	CO	105.4	38.5	4.04E+09	1.64E+09	40.6	1.57E+09	1.3	5.6	93.1	3.28E+07	2.67E+04
8	45	GARFIELD	CO	107.9	39.6	7.76E+09	1.61E+09	20.7	1.38E+09	6.4	4.0	89.6	1.97E+08	1.08E+06
8	47	GILPIN	CO	105.5	39.9	4.80E+09								2.87E+06
8	49	GRAND	CO	106.1	40.1	4.80E+09	1.24E+09	25.8	9.86E+08	5.0	11.4	83.5	1.61E+08	2.87E+06
8	51	GUNNISON	CO	107.0	38.7	8.34E+09	1.06E+09	12.7	8.48E+08	9.0	2.0	89.0	1.98E+08	6.13E+05
8	53	HINSDALE	CO	107.3	37.8	2.73E+09	3.20E+07	1.2	2.62E+07	7.1	11.2	81.7	6.56E+04	2.10E+05
8	55	HUERFANO	CO	105.0	37.7	4.08E+09	2.88E+09	70.5	2.70E+09	2.1	2.7	95.1	4.95E+07	2.54E+06
8	57	JACKSON	CO	106.4	40.7	4.20E+09	1.90E+09	45.3	1.54E+09	4.6	2.9	92.4	3.67E+08	3.05E+06
8	59	JEFFERSON	CO	105.2	39.6	2.03E+09	3.52E+08	17.3	2.89E+08	12.7	20.8	66.5	1.49E+07	6.52E+05
8	61	KIOWA	CO	102.7	38.4	4.58E+09	4.06E+09	88.6	2.69E+09	3.9		96.1	4.94E+07	6.80E+05
8	63	KIT CARSON	CO	102.6	39.3	5.42E+09	5.56E+09	98.9	2.63E+09	6.8		93.1	5.03E+08	3.86E+06
8	65	LAKE	CO	106.4	39.2	9.82E+08	6.84E+07	7.0	6.37E+07	32.5	1.3	66.2	2.06E+07	
8	67	LA PLATA	CO	107.8	37.3	4.36E+09	2.39E+09	54.9	1.67E+09	11.2	48.6	40.2	2.94E+08	2.12E+06
8	69	LARIMER	CO	105.5	40.7	6.76E+09	2.92E+09	43.2	2.30E+09	5.3	4.2	90.4	3.51E+06	2.92E+06
8	71	LAS ANIMAS	CO	104.0	37.3	1.24E+10	8.57E+09	69.0	8.29E+09	0.9	1.3	97.9	3.76E+07	7.21E+06
8	73	LINCOLN	CO	103.5	39.0	6.72E+09	6.53E+09	97.3	5.07E+09	2.0		98.0	1.86E+07	5.15E+06
8	75	LOGAN	CO	103.1	40.2	4.72E+09	4.65E+09	98.6	2.50E+09	8.3	0.2	91.5	3.53E+08	3.14E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
8	77	MESA	CO	108.5	39.0	8.35E+09	2.04E+09	23.9	1.68E+09	9.8	6.0	84.1	3.38E+08	4.18E+06
8	79	MINERAL	CO	106.9	37.7	2.39E+09	3.85E+07	1.6	2.87E+06	100.0			1.09E+06	4.05E+04
8	81	MOFFAT	CO	108.2	40.6	1.23E+10	4.64E+09	37.8	3.93E+09	1.7	3.1	95.2	8.92E+07	2.65E+06
8	83	MONTEZUMA	CO	108.6	37.3	5.42E+09	3.36E+09	62.0	2.56E+09	4.4	3.9	91.7	1.35E+08	1.50E+06
8	85	MONTROSE	CO	108.3	38.4	5.80E+09	1.74E+09	30.0	1.36E+09	9.5	3.5	87.0	3.07E+08	2.03E+04
8	87	MORGAN	CO	103.8	40.3	3.31E+09	3.03E+09	91.5	1.84E+09	6.8		93.2	5.28E+08	2.10E+06
8	89	OTERO	CO	103.7	37.9	3.25E+09	2.58E+09	79.4	2.27E+09	6.1	0.1	93.8	2.45E+08	1.48E+06
8	91	OURAY	CO	107.8	38.2	1.40E+09	6.37E+08	45.5	5.51E+08	10.4	11.1	78.5	6.16E+07	3.44E+05
8	93	PARK	CO	105.7	39.1	5.60E+09	1.48E+09	26.5	1.31E+09	1.8	4.1	94.2	1.32E+08	1.71E+06
8	95	PHILLIPS	CO	102.4	40.4	1.76E+09	1.76E+09	100.0	4.02E+08	18.7	0.1	81.2	2.47E+08	1.34E+06
8	97	PITKIN	CO	106.9	39.2	4.20E+09								1.45E+06
8	99	PROWERS	CO	102.4	37.9	4.20E+09	4.13E+09	98.4	2.28E+09	5.3	0.2	94.5	5.06E+08	1.45E+06
8	101	PUEBLO	CO	104.5	38.2	6.23E+09	4.97E+09	79.8	4.40E+09	2.1	5.2	92.7	1.46E+08	2.63E+06
8	103	RIO BLANCO	CO	108.2	40.0	8.45E+09	1.94E+09	23.0	1.74E+09	3.8	3.1	93.1	1.05E+08	2.07E+06
8	105	RIO GRANDE	CO	106.4	37.6	2.37E+09	8.55E+08	36.1	4.42E+08	14.7	1.8	83.5	4.10E+08	6.60E+05
8	107	ROUTT	CO	107.0	40.5	6.03E+09	2.63E+09	43.6	2.17E+09	3.7	4.5	91.8	1.86E+08	2.67E+06
8	109	SAGUACHE	CO	106.3	38.1	8.14E+09	1.92E+09	23.5	1.47E+09	7.6	2.1	90.3	4.15E+08	9.39E+05
8	111	SAN JUAN	CO	107.7	37.8	3.32E+09								7.49E+05
8	113	SAN MIGUEL	CO	108.4	38.0	3.32E+09	7.06E+08	21.3	6.42E+08	6.0	4.4	89.5	5.96E+07	7.49E+05
8	115	SEDGWICK	CO	102.4	40.9	1.41E+09	1.38E+09	98.2	4.78E+08	6.2		93.8	1.23E+08	4.82E+05
8	117	SUMMIT	CO	106.1	39.6	1.56E+09	1.04E+08	6.6	8.62E+07	9.6	23.9	66.6	1.78E+07	2.02E+04
8	119	TELLER	CO	105.2	38.9	1.43E+09	4.46E+08	31.1	3.84E+08	2.2	27.5	70.3	1.25E+07	6.84E+05
8	121	WASHINGTON	CO	103.2	40.0	6.54E+09	5.59E+09	85.5	2.60E+09	7.4	0.6	92.0	1.23E+08	1.97E+06
8	123	WELD	CO	104.4	40.6	1.04E+10	9.52E+09	91.8	5.81E+09	5.5	0.1	94.4	1.47E+09	8.37E+06
8	125	YUMA	CO	102.4	40.0	6.16E+09	5.80E+09	94.1	3.40E+09	10.1		89.9	7.01E+08	1.04E+06
9	0		CT			1.26E+10	1.78E+09	14.1	5.29E+08	42.8	30.8	26.4	3.02E+07	9.03E+06
9	1	FAIRFIELD	CT	73.4	41.3	1.62E+09	7.37E+07	4.5	2.92E+07	50.9	27.3	21.9	7.85E+05	2.51E+05
9	3	HARTFORD	CT	72.7	41.8	1.91E+09	3.12E+08	16.3	6.70E+07	39.4	32.2	28.4	2.33E+07	1.23E+06
9	5	LITCHFIELD	CT	73.3	41.9	3.40E+09	4.05E+08	16.9	1.27E+08	47.7	22.2	30.1	4.94E+05	6.84E+05
9	7	MIDDLESEX	CT	72.5	41.5	9.62E+08	8.05E+07	8.4	1.93E+07	50.9	24.6	24.5	9.75E+05	1.74E+05
9	9	NEW HAVEN	CT	72.9	41.4	1.56E+09	1.39E+08	8.9	4.05E+07	38.1	28.8	33.0	3.06E+06	4.90E+05
9	11	NEW LONDON	CT	72.1	41.5	1.73E+09	3.21E+08	18.6	1.16E+08	38.1	38.9	25.0	2.63E+05	1.16E+06
9	13	TOLLAND	CT	72.3	41.9	1.08E+09	1.70E+08	15.8	5.00E+07	48.0	34.7	17.3	1.27E+06	4.53E+05
9	15	WINDHAM	CT	72.0	41.8	1.33E+09	2.79E+08	20.9	7.86E+07	39.6	32.9	27.5	1.25E+05	5.83E+05
10	0		DE			5.13E+09	2.55E+09	49.7	1.60E+08	52.6	31.8	15.7	8.04E+07	1.61E+06
10	1	KENT	DE	75.6	39.1	1.54E+09	7.95E+08	51.7	5.07E+07	67.8	23.8	8.5	4.92E+07	7.40E+05
10	3	NEW CASTLE	DE	75.7	39.6	1.13E+09	4.05E+08	35.7	4.13E+07	61.2	16.3	22.5	2.97E+06	5.79E+05
10	5	SUSSEX	DE	75.4	38.7	2.46E+09	1.35E+09	54.9	6.76E+07	35.9	47.1	16.9	2.83E+07	3.97E+05
12	0		FL			1.40E+11	5.34E+10	38.1	3.62E+10	12.1	23.0	64.9	6.31E+09	5.08E+07
12	1	ALACHUA	FL	82.4	29.7	2.37E+09	1.11E+09	46.7	6.61E+08	31.7	19.7	48.7	2.60E+07	7.53E+05
12	3	BAKER	FL	82.3	30.3	1.51E+09	1.73E+08	11.5	9.02E+07	14.2	74.1	11.8	3.10E+05	6.07E+04

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
12	5	BAY	FL	85.6	30.3	1.94E+09	7.35E+07	3.8	6.90E+06	48.7	28.3	23.1	2.46E+06	8.09E+03
12	7	BRADFORD	FL	82.2	29.9	7.61E+08	2.01E+08	26.4	1.53E+08	34.7	43.3	22.0	5.75E+05	2.19E+05
12	9	BREVARD	FL	80.8	28.2	2.62E+09	1.06E+09	40.3	9.33E+08	1.7	12.2	86.1	1.78E+08	6.23E+05
12	11	BROWARD	FL	80.5	26.1	3.16E+09	1.87E+08	5.9	1.01E+08	15.5	1.1	83.5	3.22E+07	2.63E+05
12	13	CALHOUN	FL	85.2	30.4	1.45E+09	2.38E+08	16.4	6.40E+07	45.5	23.7	30.8	9.31E+05	7.28E+04
12	15	CHARLOTTE	FL	81.9	26.9	1.82E+09	6.94E+08	38.1	6.23E+08	3.5	27.7	68.8	4.40E+07	3.40E+05
12	17	CITRUS	FL	82.5	28.9	1.45E+09	4.11E+08	28.3	3.12E+08	13.7	52.2	34.1	4.27E+06	8.50E+04
12	19	CLAY	FL	81.8	30.0	1.54E+09	5.37E+08	35.0	2.82E+08	8.4	43.4	48.2	1.04E+06	1.42E+04
12	21	COLLIER	FL	81.4	26.1	5.20E+09	1.10E+09	21.1	8.99E+08	2.8	16.5	80.7	1.29E+08	5.66E+04
12	23	COLUMBIA	FL	82.6	30.2	2.03E+09	5.68E+08	28.0	2.69E+08	39.5	21.5	39.0	5.05E+06	2.99E+05
12	25	DADE	FL	80.6	25.6	5.29E+09	3.09E+08	5.8	4.69E+07	17.8	2.7	79.5	1.80E+08	1.21E+05
12	27	DE SOTO	FL	81.8	27.2	1.68E+09	1.13E+09	67.6	9.01E+08	8.8	5.5	85.7	1.96E+08	3.56E+05
12	29	DIXIE	FL	83.2	29.6	1.79E+09	3.93E+08	21.9	3.81E+08	7.3	81.2	11.5	1.62E+04	2.02E+04
12	31	DUVAL	FL	81.7	30.3	1.98E+08	1.98E+08	100.0	2.29E+08	9.1	61.7	29.1	9.23E+05	4.33E+05
12	33	ESCAMBIA	FL	87.4	30.7	1.72E+09	3.64E+08	21.1	1.23E+08	16.1	64.5	19.3	1.66E+05	4.96E+05
12	35	FLAGLER	FL	81.3	29.5	1.26E+09	3.42E+08	27.1	2.91E+08	4.0	80.5	15.4	1.94E+07	6.07E+04
12	37	FRANKLIN	FL	84.8	29.9	1.33E+09								2.16E+04
12	39	GADSDEN	FL	84.6	30.6	1.33E+09	4.31E+08	32.5	1.83E+08	42.9	24.0	33.1	1.15E+07	2.16E+06
12	41	GILCHRIST	FL	82.8	29.7	8.97E+08	3.86E+08	43.1	2.38E+08	40.4	39.5	20.1	3.60E+04	9.31E+04
12	43	GLADES	FL	81.2	26.9	1.95E+09	1.95E+09	100.0	1.74E+09	2.2		97.8	1.64E+08	1.41E+06
12	45	GULF	FL	85.2	30.0	1.46E+09	2.42E+08	16.6	4.97E+06	68.1	31.9		8.09E+03	2.02E+04
12	47	HAMILTON	FL	82.9	30.5	1.33E+09	4.23E+08	31.8	1.68E+08	33.5	24.7	41.8	3.89E+06	1.26E+06
12	49	HARDEE	FL	81.8	27.5	1.63E+09	1.26E+09	77.1	9.87E+08	13.7	15.7	70.6	1.61E+08	9.83E+05
12	51	HENDRY	FL	81.2	26.5	3.07E+09	2.67E+09	86.9	2.01E+09	4.2	7.3	88.5	9.55E+08	3.08E+05
12	53	HERNANDO	FL	82.4	28.6	1.25E+09	3.04E+08	24.2	2.14E+08	29.2	16.5	54.3	6.94E+06	2.51E+05
12	55	HIGHLANDS	FL	81.3	27.3	2.58E+09	1.77E+09	68.7	1.55E+09	6.5	4.1	89.5	2.23E+08	5.95E+05
12	57	HILLSBOROUGH	FL	82.3	27.9	2.69E+09	1.45E+09	53.9	1.03E+09	18.3	18.7	63.0	1.07E+08	3.96E+06
12	59	HOLMES	FL	85.8	30.9	1.25E+09	4.98E+08	39.9	2.17E+08	46.0	25.4	28.6	3.64E+05	1.59E+06
12	61	INDIAN RIVER	FL	80.6	27.7	1.31E+09	7.46E+08	56.9	4.07E+08	3.2	31.9	64.9	2.92E+08	3.04E+05
12	63	JACKSON	FL	85.2	30.8	2.42E+09	1.19E+09	49.0	4.34E+08	44.8	18.8	37.2	1.23E+07	2.61E+06
12	65	JEFFERSON	FL	83.9	30.4	1.57E+09	5.78E+08	36.9	1.98E+08	31.6	31.3	37.2	5.79E+06	1.36E+06
12	67	LAFAYETTE	FL	83.2	30.0	1.42E+09	3.30E+08	23.2	2.02E+08	41.2	37.5	21.3	6.36E+06	2.63E+04
12	69	LAKE	FL	81.7	28.7	2.49E+09	1.32E+09	53.2	4.42E+08	20.4	29.6	50.0	2.40E+08	1.70E+06
12	71	LEE	FL	81.8	26.6	3.03E+09	5.13E+08	25.2	3.87E+08	7.4	11.2	81.3	7.39E+07	1.54E+05
12	73	LEON	FL	84.3	30.5	1.74E+09	5.49E+08	31.6	1.35E+08	35.1	17.0	47.9	7.28E+04	7.53E+06
12	75	LEVY	FL	82.7	29.3	2.80E+09	1.15E+09	41.2	9.95E+08	15.0	49.6	35.3	1.35E+07	4.05E+03
12	77	LIBERTY	FL	84.9	30.2	2.17E+09	7.80E+07	3.6	3.93E+07	34.5	58.3	5.2		1.13E+05
12	79	MADISON	FL	83.5	30.4	1.82E+09	6.81E+08	37.4	3.11E+08	36.5	34.3	29.2	5.35E+06	6.60E+05
12	81	MANATEE	FL	82.3	27.5	1.91E+09	1.51E+09	79.0	1.19E+09	9.4	27.2	63.4	1.21E+08	1.78E+06
12	83	MARION	FL	82.1	29.2	4.14E+09	2.11E+09	50.9	1.78E+09	15.3	15.6	69.0	4.66E+07	8.94E+05
12	85	MARTIN	FL	80.4	27.1	1.44E+09	8.77E+08	60.9	6.02E+08	4.3	13.3	82.3	2.08E+08	4.90E+05
12	87	MONROE	FL	81.1	25.5	1.68E+09								6.47E+04
12	89	NASSAU	FL	81.8	30.6	1.68E+09	2.31E+08	13.7	1.75E+08	11.5	41.6	46.8	1.21E+05	6.47E+04
12	91	OKALOOSA	FL	86.6	30.7	2.45E+09	3.54E+08	14.5	1.39E+08	29.8	50.5	19.7	1.61E+06	1.51E+06
12	93	OKEECHOBEE	FL	80.9	27.4	2.01E+09	1.48E+09	73.3	1.35E+09	11.5	3.0	85.5	1.03E+08	7.49E+05
12	95	ORANGE	FL	81.3	28.5	2.36E+09	9.23E+08	39.2	3.95E+08	9.4	42.1	48.5	1.53E+08	1.00E+06
12	97	OSCEOLA	FL	81.1	28.1	3.40E+09	3.40E+09	100.0	3.32E+09	2.4	26.2	71.3	5.19E+07	7.97E+05
12	99	PALM BEACH	FL	80.5	26.7	5.24E+09	2.10E+09	40.0	5.83E+08	13.1	1.4	85.2	1.35E+09	1.02E+06
12	101	PASCO	FL	82.4	28.3	1.92E+09	1.27E+09	66.1	7.62E+08	14.9	18.8	66.4	5.23E+07	1.25E+06
12	103	PINELLAS	FL	82.7	27.9	6.86E+08	6.25E+07	9.1	2.64E+07	26.3	12.5	61.2	8.62E+06	6.07E+04
12	105	POLK	FL	81.7	27.9	4.81E+09	3.22E+09	67.0	3.06E+09	11.3	32.5	66.2	4.82E+08	1.41E+06
12	107	PUTNAM	FL	81.7	29.6	2.02E+09	6.85E+08	34.0	5.74E+08	8.5	75.0	16.5	1.74E+07	1.74E+05
12	109	ST JOHNS	FL	81.4	29.9	1.57E+09	1.67E+08	10.7	6.41E+07	15.3	55.5	29.3	7.25E+07	9.71E+04
12	111	ST LUCIE	FL	80.5	27.4	1.51E+09	1.34E+09	88.6	9.50E+08	3.7	6.9	90.4	4.22E+08	6.03E+05
12	113	SANTA ROSA	FL	87.0	30.7	2.67E+09	3.85E+08	14.4	7.65E+07	52.4	29.7	17.9	8.00E+06	1.21E+06
12	115	SARASOTA	FL	82.4	27.2	1.52E+09	8.89E+08	58.4	8.27E+08	3.6	16.6	79.9	4.88E+07	3.97E+05

ST	CO	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
12	117	SEMINOLE	FL	81.2	28.7	7.90E+08	2.50E+08	31.6	1.81E+08	5.2	33.9	70.8	1.85E+07	1.21E+05
12	119	SUMTER	FL	82.1	28.7	1.44E+09	7.51E+08	52.3	6.13E+08	24.3	12.4	63.3	2.77E+07	4.49E+05
12	121	SUWANNEE	FL	83.0	30.2	1.78E+09	9.26E+08	52.1	4.32E+08	49.2	17.2	33.6	2.56E+07	7.61E+05
12	123	TAYLOR	FL	83.6	30.0	2.72E+09	4.67E+08	17.2	4.26E+08	6.9	89.9	3.2	4.13E+05	6.17E+04
12	125	UNION	FL	82.4	30.0	6.24E+08	2.45E+08	39.3	1.20E+08	24.3	55.0	18.6	1.80E+06	2.10E+05
12	127	VOLUSIA	FL	81.2	29.1	2.75E+09	7.51E+08	27.3	5.66E+08	7.9	37.1	55.0	2.25E+07	6.31E+05
12	129	WAKULLA	FL	84.4	30.2	1.56E+09	4.98E+07	3.2	2.01E+07	53.9	23.4	22.7	1.21E+04	4.05E+03
12	131	WALTON	FL	86.2	30.7	2.73E+09	4.79E+08	17.6	1.40E+08	40.6	34.4	25.0	5.10E+07	1.67E+04
12	133	WASHINGTON	FL	85.7	30.6	1.92E+09	3.29E+08	21.7	1.61E+08	35.8	36.9	27.3	1.17E+05	1.17E+06
13	0		GA			1.50E+11	5.62E+10	37.3	1.93E+10	38.3	34.0	27.7	4.54E+08	2.43E+08
13	1	APPLING	GA	82.3	31.7	1.33E+09	6.60E+08	49.7	1.46E+08	30.0	53.6	16.4	2.46E+06	2.20E+06
13	3	ATKINSON	GA	82.9	31.3	8.22E+08	4.17E+08	50.8	9.24E+07	20.5	66.8	12.6	2.52E+06	3.13E+04
13	5	BACON	GA	82.5	31.5	7.59E+08	4.50E+08	59.3	1.05E+08	27.5	47.3	25.1	1.52E+06	3.13E+06
13	7	BAKER	GA	84.5	31.3	9.20E+08	6.36E+08	69.2	2.49E+08	18.9	14.1	67.0	2.43E+07	9.63E+05
13	9	BALDWIN	GA	83.3	33.1	6.59E+08	1.79E+08	27.2	7.68E+07	38.4	31.0	30.6		3.52E+05
13	11	BANKS	GA	83.5	34.4	5.98E+08	2.27E+08	38.0	1.36E+08	36.2	31.7	32.1	8.09E+03	2.55E+05
13	13	BARROW	GA	83.7	34.0	7.13E+08	1.94E+08	43.8	1.21E+08	47.1	27.0	25.9	5.26E+04	6.76E+05
13	15	BARTOW	GA	84.9	34.2	1.60E+09	4.50E+08	37.7	1.90E+08	44.5	30.6	25.0	1.78E+05	4.41E+05
13	17	BEN HILL	GA	83.3	31.8	6.60E+08	2.60E+08	39.4	7.79E+07	25.8	47.2	27.1	1.07E+06	2.72E+04
13	19	BERRIEN	GA	83.2	31.3	1.21E+09	6.48E+08	53.5	3.04E+08	26.3	48.7	25.1	7.7.E+06	5.32E+04
13	21	BIBB	GA	83.7	32.8	6.58E+08	1.10E+08	16.7	3.61E+07	47.7	23.9	28.4	3.24E+04	2.63E+05
13	23	BLECKLEY	GA	83.4	32.4	5.67E+08	3.78E+08	66.7	7.04E+07	48.2	32.8	19.0	2.10E+06	1.35E+06
13	25	BRANTLEY	GA	82.0	31.2	1.16E+09	1.58E+08	13.7	4.61E+07	43.8	42.3	13.9	6.80E+05	4.21E+05
13	27	BROOKS	GA	83.6	30.8	1.37E+09	8.55E+08	62.3	2.42E+08	32.7	45.4	21.8	6.01E+06	4.54E+06
13	29	BRYAN	GA	81.4	32.0	1.15E+09	1.25E+08	10.8	5.75E+07	7.0	53.6	39.3	6.47E+04	3.24E+04
13	31	BULLOCH	GA	81.7	32.4	1.77E+09	1.04E+09	58.8	2.03E+08	37.9	33.5	28.6	2.26E+06	7.99E+04
13	33	BURKE	GA	82.0	33.1	2.15E+09	1.10E+09	50.9	2.03E+08	31.5	26.5	41.9	1.47E+06	2.63E+06
13	35	BUTTS	GA	84.2	33.3	4.80E+08	1.66E+08	34.6	7.24E+07	69.0	21.3	9.8		3.16E+05
13	37	CALHOUN	GA	84.5	31.5	7.48E+08	4.67E+08	62.4	9.91E+07	22.7	28.1	49.2	1.10E+07	3.27E+06
13	39	CAMDEN	GA	81.7	30.9	1.69E+09	1.56E+08	9.2	6.26E+07	17.2	70.0	12.8	1.21E+04	7.28E+04
13	43	CANDLER	GA	82.1	32.4	6.49E+08	3.67E+08	56.5	9.34E+07	37.1	40.0	22.9	3.44E+06	4.85E+06
13	45	CARROLL	GA	85.1	33.6	1.28E+09	3.61E+08	28.2	2.44E+08	53.4	23.1	23.5	1.42E+05	1.11E+06
13	47	CATOOSA	GA	85.1	34.9	4.32E+08	1.62E+08	37.4	9.77E+07	53.1	34.6	12.3	5.67E+04	3.68E+05
13	49	CHARLTON	GA	82.2	30.8	2.06E+09	1.38E+08	6.7	5.46E+07	10.6	74.7	14.7	6.47E+04	4.05E+04
13	51	CHATHAM	GA	81.1	32.0	1.15E+09	8.72E+07	7.6	3.81E+07	41.8	19.6	38.6	1.58E+05	3.28E+05
13	53	CHATTAHOOCHEE	GA	84.8	32.3	6.55E+08	2.94E+07	4.5	1.13E+07	30.8	49.5	19.7		2.23E+05
13	55	CHATTOOGA	GA	85.4	34.5	8.21E+08	2.99E+08	36.5	1.39E+08	54.0	26.8	19.2	3.64E+04	4.94E+05
13	57	CHEROKEE	GA	84.5	34.2	1.08E+09	2.10E+08	19.5	1.27E+08	45.9	18.2	35.9	8.09E+03	7.37E+05
13	59	CLARKE	GA	83.4	34.0	3.00E+08	7.48E+07	24.9	3.73E+07	47.3	30.5	22.3	3.12E+03	6.88E+05
13	61	CLAY	GA	85.0	31.6	5.18E+08	2.56E+08	49.4	1.02E+08	29.4	45.0	25.6	1.62E+04	3.97E+05
13	63	CLAYTON	GA	84.4	33.5	3.86E+08	3.94E+07	10.2	1.71E+07	70.6	26.3	3.2		2.83E+04
13	65	CLINCH	GA	82.7	30.9	2.06E+09	1.33E+08	6.4	2.90E+07	14.3	83.3	2.4	4.05E+04	3.24E+04
13	67	COBB	GA	84.6	33.9	8.87E+08	1.15E+08	13.0	7.32E+07	39.1	14.4	46.5	3.76E+05	5.26E+05
13	69	COFFEE	GA	82.9	31.5	1.58E+09	1.01E+09	63.8	2.58E+08	27.0	49.2	23.7	9.83E+06	1.13E+07
13	71	COLQUITT	GA	83.8	31.2	1.44E+09	9.74E+08	66.8	2.77E+08	34.5	34.6	30.9	1.47E+07	1.26E+07
13	73	COLUMBIA	GA	82.3	33.5	7.52E+08	2.00E+08	26.6	1.26E+08	35.2	54.4	10.4	6.47E+04	7.93E+05
13	75	COOK	GA	83.4	31.1	6.03E+08	3.68E+08	61.0	6.77E+07	37.4	27.6	35.1	8.39E+06	3.32E+06
13	77	COWETA	GA	84.8	33.3	1.15E+09	3.10E+08	27.0	1.91E+08	45.2	35.5	19.3	1.29E+05	1.32E+06
13	79	CRAWFORD	GA	84.0	32.7	8.16E+08	2.35E+08	28.8	7.05E+07	40.3	29.1	24.6	3.64E+04	3.52E+05
13	81	CRISP	GA	83.8	31.9	7.57E+08	4.99E+08	66.0	9.19E+07	21.9	34.6	43.5	4.78E+04	1.59E+06
13	83	DADE	GA	85.5	34.8	4.35E+08	1.37E+08	31.5	6.43E+07	37.3	40.4	22.4		3.93E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND X OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE XCROPLAND	PERCENT OF TOTAL PASTURE XWOODLAND	PERCENT OF TOTAL PASTURE XRANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
13	85	DAWSON	GA	84.4	34.4	5.45E+08	6.48E+07	11.9	2.84E+07	36.3	29.2	34.4		4.05E+04
13	87	DECATUR	GA	84.2	30.9	1.49E+09	7.78E+08	52.2	2.54E+08	34.7	31.0	34.3	3.87E+07	9.59E+05
13	89	DE KALB	GA	84.2	33.8	6.96E+08	2.82E+07	4.1	1.81E+07	47.1	23.5	29.4	6.47E+04	8.50E+04
13	91	DODGE	GA	83.2	32.2	1.29E+09	6.77E+08	52.4	2.01E+08	33.2	46.7	20.1	3.36E+05	3.31E+04
13	93	DOOLY	GA	83.8	32.1	1.02E+09	7.15E+08	70.0	9.48E+07	43.2	25.1	31.6	2.37E+04	1.01E+06
13	95	DOUGHERTY	GA	84.2	31.5	8.40E+08	5.94E+08	70.6	1.56E+08	20.3	26.9	52.8	6.52E+06	7.37E+05
13	97	DOUGLAS	GA	84.8	33.7	5.23E+08	4.08E+07	7.8	2.34E+07	51.3	28.6	20.1	1.21E+04	2.02E+04
13	99	EARLY	GA	84.9	31.3	1.36E+09	9.22E+08	67.9	2.99E+08	29.4	36.5	34.1	2.17E+07	1.61E+06
13	101	ECHOLS	GA	82.9	30.7	1.10E+09	6.83E+07	6.2	1.50E+07	52.0	23.2	24.9	4.45E+05	7.69E+04
13	103	EFFINGHAM	GA	81.3	32.4	1.24E+09	3.97E+08	31.9	6.73E+07	33.0	47.6	19.3	1.17E+05	4.94E+05
13	105	ELBERT	GA	82.8	34.	9.26E+08	2.70E+08	29.1	1.24E+08	46.7	29.9	23.4	4.05E+03	8.30E+05
13	107	EMANUEL	GA	82.3	32.6	1.78E+09	7.66E+08	43.1	1.65E+08	33.1	44.2	22.7	1.25E+06	5.27E+06
13	109	EVANS	GA	81.9	32.2	4.81E+08	2.71E+08	56.4	7.57E+07	35.2	51.2	13.6	2.28E+06	3.30E+06
13	111	FANNIN	GA	84.3	34.9	1.02E+09	8.78E+07	8.6	3.64E+07	34.0	23.0	43.0		5.67E+04
13	113	FAYETTE	GA	84.5	33.4	5.14E+08	1.52E+08	29.5	9.63E+07	56.8	21.4	21.8	3.04E+05	1.07E+06
13	115	FLOYD	GA	85.2	34.2	1.33E+09	5.47E+08	41.1	3.60E+08	48.3	26.2	25.5	2.67E+05	6.96E+05
13	117	FORSYTH	GA	84.1	34.2	5.66E+08	2.26E+08	39.9	1.13E+08	48.6	12.2	39.0	4.07E+04	2.91E+05
13	119	FRANKLIN	GA	83.2	34.4	6.81E+08	3.02E+08	44.3	1.73E+08	54.7	21.6	23.6	4.05E+04	7.04E+05
13	121	FULTON	GA	84.5	33.8	1.37E+09	1.93E+08	14.0	1.11E+08	57.7	15.5	27.2	1.98E+05	7.06E+05
13	123	GILMER	GA	84.5	34.7	1.14E+09	1.63E+08	14.3	5.82E+07	37	33.7	28.6	4.45E+04	1.98E+05
13	125	GLASCOCK	GA	82.6	33.2	3.70E+08	1.34E+08	36.2	5.00E+07	37..	44.2	18.5	3.64E+04	6.39E+05
13	127	GLYNN	GA	81.6	31.2	1.07E+09	4.93E+07	4.6	1.47E+07	33.8	53.2	13.0	1.42E+04	1.86E+05
13	129	GORDON	GA	84.9	34.5	9.27E+08	3.92E+08	42.3	1.91E+08	49.8	28.9	21.3	1.42E+04	2.06E+06
13	131	GRADY	GA	84.2	30.9	1.21E+09	8.78E+08	72.8	1.67E+08	38.4	36.2	25.5	7.49E+06	4.96E+06
13	133	GREENE	GA	83.2	33.6	1.04E+09	3.20E+08	30.7	1.75E+08	28.1	48.2	23.7		5.71E+05
13	135	GWINNETT	GA	84.0	33.9	1.13E+09	1.56E+08	13.8	7.69E+07	57.7	22.4	19.9	1.98E+05	5.87E+05
13	137	HABERSHAM	GA	83.5	34.6	7.31E+08	1.49E+08	20.3	7.84E+07	48.8	30.2	21.0	2.43E+04	1.13E+05
13	139	HALL	GA	83.8	34.3	9.78E+08	2.63E+08	26.9	1.58E+08	45.1	20.2	34.7		6.39E+05
13	141	HANCOCK	GA	83.0	33.3	1.24E+09	2.70E+08	21.8	1.40E+08	42.7	30.2	27.1		8.50E+05
13	143	HARALSON	GA	85.2	33.8	7.38E+08	1.53E+08	20.7	8.58E+07	45.3	22.5	32.2	8.09E+03	2.10E+05
13	145	HARRIS	GA	84.9	32.7	1.20E+09	3.10E+08	25.8	1.24E+08	38.9	28.0	33.1	6.48E+05	9.43E+05
13	147	HART	GA	83.0	34.4	5.98E+08	3.06E+08	51.1	1.47E+08	66.5	13.7	19.8	2.43E+04	1.39E+06
13	149	HEARD	GA	85.1	33.3	7.69E+08	1.43E+08	18.6	9.71E+07	46.6	32.6	20.8		3.28E+05
13	151	HENRY	GA	84.2	33.4	8.57E+08	2.34E+08	27.3	1.36E+08	56.6	19.3	24.2	4.05E+03	6.92E+05
13	153	HOUSTON	GA	83.7	32.5	9.84E+08	4.10E+08	41.6	9.67E+07	38.8	27.2	34.0	3.29E+06	1.19E+06
13	155	IRWIN	GA	83.3	31.6	9.63E+08	6.21E+08	64.5	1.49E+08	37.8	29.5	32.7	6.49E+06	9.27E+06
13	157	JACKSON	GA	83.6	34.1	8.96E+08	4.02E+08	44.8	2.07E+08	51.5	23.6	24.9	5.67E+04	1.19E+06
13	159	JASPER	GA	83.7	33.3	9.65E+08	3.23E+08	33.5	1.94E+08	33.9	35.9	30.3	2.83E+05	1.58E+04
13	161	JEFF DAVIS	GA	82.7	31.8	8.56E+08	4.16E+08	48.6	7.10E+07	23.0	63.0	14.1	8.78E+05	2.40E+06
13	163	JEFFERSON	GA	82.4	33.1	1.37E+09	7.33E+08	53.4	1.42E+08	33.3	39.1	27.6	6.07E+04	1.73E+06
13	165	JENKINS	GA	82.0	32.8	9.09E+08	5.10E+08	56.1	1.28E+08	34.5	30.7	34.8	7.32E+05	1.93E+06
13	167	JOHNSON	GA	82.7	32.7	8.10E+08	3.95E+08	48.7	1.38E+08	35.7	43.6	20.7	6.07E+04	1.97E+06
13	169	JONES	GA	83.6	33.0	1.04E+09	1.84E+08	17.7	1.21E+08	34.1	43.6	22.3	8.09E+03	7.12E+05
13	171	LAMAR	GA	84.2	33.1	4.69E+08	1.90E+08	40.5	9.91E+07	53.1	23.0	23.9	2.02E+04	1.10E+06
13	173	LANIER	GA	83.1	31.0	4.55E+08	2.05E+08	44.7	3.63E+07	24.8	34.8	40.5	3.31E+06	5.02E+05
13	175	LAURENS	GA	82.9	32.5	2.10E+09	1.11E+09	52.9	2.76E+08	34.0	44.6	21.4	1.45E+06	3.38E+06
13	177	LEE	GA	84.2	31.8	9.18E+08	7.30E+08	79.6	2.75E+08	19.4	46.2	34.4	1.72E+07	1.22E+06
13	179	LIBERTY	GA	81.5	31.8	1.33E+09	1.10E+08	8.2	7.20E+07	8.9	24.3	66.8		3.24E+04
13	181	LINCOLN	GA	82.5	33.8	4.99E+08	1.52E+08	30.4	1.08E+08	44.1	40.6	15.3		3.60E+05
13	183	LONG	GA	81.8	31.8	1.04E+09	9.79E+07	9.4	3.35E+07	30.8	49.1	20.0	1.42E+05	1.09E+05
13	185	LOWNDES	GA	83.3	30.8	1.31E+09	6.22E+08	47.3	1.46E+08	42.8	37.9	19.3	2.48E+06	2.76E+06
13	187	LUMPKIN	GA	84.0	34.6	7.55E+08	1.22E+08	16.2	5.91E+07	40.7	30.5	28.9	8.50E+04	1.29E+05
13	189	MC DUFFIE	GA	82.5	33.5	6.55E+08	1.96E+08	29.9	9.05E+07	44.1	33.1	22.8	6.88E+04	9.87E+05
13	191	MC INTOSH	GA	81.4	31.5	1.10E+09	1.91E+07	1.7	1.45E+07	17.8	51.9	30.2		
13	193	MACON	GA	84.1	32.3	1.04E+09	6.91E+08	66.3	1.50E+08	38.0	27.3	34.7	3.50E+06	1.10E+06
13	195	MADISON	GA	83.2	34.1	7.28E+08	2.80E+08	38.5	1.37E+08	51.8	23.6	24.6	2.83E+05	1.17E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	% OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
13	197	MARION	GA	84.5	32.3	9.45E+08	2.33E+08	24.7	1.12E+08	22.5	39.7	37.8		4.17E+05
13	199	MERIWETHER	GA	84.7	33.0	1.29E+09	4.81E+08	37.2	3.14E+08	34.3	40.6	25.1	2.43E+04	2.86E+06
13	201	MILLER	GA	84.7	31.2	7.43E+08	5.64E+08	76.1	1.86E+08	30.5	34.1	35.4	5.59E+07	7.57E+05
13	205	MITCHELL	GA	84.2	31.2	1.32E+09	1.01E+09	76.4	2.80E+08	43.0	27.0	29.9	3.38E+07	3.96E+06
13	207	MONROE	GA	83.9	33.0	1.03E+09	2.31E+08	22.4	1.32E+08	40.6	33.6	25.8	8.09E+03	7.61E+05
13	209	MONTGOMERY	GA	82.5	32.2	6.13E+08	3.78E+08	61.7	1.02E+08	29.6	41.2	29.2	1.86E+05	1.62E+06
13	211	MORGAN	GA	83.5	33.6	9.23E+08	4.88E+08	52.9	2.66E+08	43.7	25.1	26.2	8.09E+03	1.90E+06
13	213	MURRAY	GA	84.8	34.8	8.86E+08	2.24E+08	25.3	6.15E+07	58.2	17.6	24.2		1.74E+05
13	215	MUSCOGEE	GA	84.9	32.5	5.71E+08	4.10E+07	7.2	2.31E+07	44.0	18.4	37.6		1.42E+05
13	217	NEWTON	GA	83.9	33.6	7.03E+08	2.37E+08	33.7	1.45E+08	43.3	25.6	31.0	2.02E+04	7.32E+05
13	219	OCONEE	GA	83.4	33.8	4.82E+08	2.29E+08	47.5	1.25E+08	45.3	29.6	25.1	2.35E+05	7.37E+05
13	221	OGLETHORPE	GA	83.1	33.9	1.13E+09	3.36E+08	29.8	1.79E+08	44.0	25.7	28.3	1.62E+04	1.72E+06
13	223	PAULDING	GA	84.9	33.9	8.23E+08	1.25E+08	15.1	6.45E+07	47.2	27.5	25.3	2.43E+04	2.31E+05
13	225	PEACH	GA	83.8	32.6	3.91E+08	2.25E+08	57.7	3.83E+07	55.0	32.0	13.0	3.64E+04	7.20E+05
13	227	PICKENS	GA	84.5	34.5	5.82E+08	1.60E+08	17.3	5.13E+07	53.0	25.5	21.6		1.21E+05
13	229	PIERCE	GA	82.2	31.4	8.86E+08	5.04E+08	56.9	1.08E+08	30.8	48.9	20.3	4.04E+06	2.36E+06
13	231	PIKE	GA	84.4	33.1	5.94E+08	2.50E+08	41.9	1.50E+08	49.1	35.5	15.4	1.21E+04	1.24E+06
13	233	POLK	GA	85.2	34.0	8.08E+08	2.30E+08	28.4	1.10E+08	45.8	18.9	35.3		4.25E+05
13	235	PULASKI	GA	83.5	32.2	6.56E+08	3.96E+08	60.3	9.80E+07	35.9	45.9	18.2	7.32E+05	8.05E+05
13	237	PUTNAM	GA	83.4	33.3	8.79E+08	2.39E+08	27.2	1.61E+08	29.5	39.7	30.8	2.02E+05	1.07E+06
13	239	QUITMAN	GA	85.0	31.9	4.04E+08	1.25E+08	30.8	4.24E+07	34.2	58.5	7.3		7.69E+04
13	241	RABUN	GA	83.4	34.9	9.54E+08	5.90E+07	6.2	2.50E+07	54.9	15.7	29.4		4.86E+04
13	243	RANDOLPH	GA	84.8	31.8	1.13E+09	5.62E+08	49.7	1.76E+08	24.8	31.5	43.7	8.43E+06	8.66E+05
13	245	RICHMOND	GA	82.1	33.4	8.37E+08	1.56E+08	18.7	5.19E+07	20.6	43.5	35.9	8.09E+03	3.80E+05
13	247	ROCKDALE	GA	84.0	33.6	3.31E+08	8.23E+07	24.9	4.90E+07	55.3	19.7	25.0	8.09E+04	3.60E+05
13	249	SCHLEY	GA	84.3	32.3	4.20E+08	3.00E+08	71.4	8.68E+07	27.9	45.6	26.5		1.17E+05
13	251	SCREVEN	GA	81.6	32.8	1.69E+09	8.91E+08	52.9	1.77E+08	43.0	37.7	19.3	1.12E+06	4.3[illegible]+06
13	253	SEMINOLE	GA	84.9	30.9	6.36E+08	4.26E+08	67.0	1.30E+08	46.5	31.0	22.4	3.94E+07	8.17E+05
13	255	SPALDING	GA	84.3	33.3	5.20E+08	1.97E+08	37.9	1.16E+08	50.9	32.0	17.1	6.07E+04	8.30E+05
13	257	STEPHENS	GA	83.3	34.6	4.48E+08	8.18E+07	18.3	5.03E+07	47.6	27.8	24.6		3.64E+04
13	259	STEWART	GA	84.9	32.1	1.17E+09	2.80E+08	23.9	9.56E+07	31.6	31.3	37.1	5.20E+06	3.24E+05
13	261	SUMTER	GA	84.2	32.0	1.26E+09	8.17E+08	64.6	2.10E+08	42.6	24.6	32.7	5.99E+06	2.23E+06
13	263	TALBOT	GA	84.5	32.7	1.01E+09	2.27E+08	22.5	1.61E+08	23.5	44.6	32.0		8.22E+05
13	265	TALIAFERRO	GA	82.9	33.6	5.05E+08	1.35E+08	26.8	8.28E+07	42.0	35.9	22.1		2.10E+05
13	267	TATTNALL	GA	82.1	32.0	1.27E+09	6.25E+08	49.3	1.75E+08	29.5	45.1	25.4	9.09E+06	4.60E+06
13	269	TAYLOR	GA	84.2	32.6	1.04E+09	3.39E+08	32.5	1.02E+08	35.6	39.8	24.6	6.88E+05	4.49E+05
13	271	TELFAIR	GA	83.0	31.9	1.14E+09	4.10E+08	36.0	1.39E+08	23.8	54.3	22.0	1.64E+06	1.60E+06
13	273	TERRELL	GA	84.5	31.8	8.52E+08	6.56E+08	77.0	1.27E+08	37.9	23.5	38.5	1.66E+06	8.74E+05
13	275	THOMAS	GA	83.9	30.9	1.40E+09	9.49E+08	67.7	2.84E+08	26.0	37.4	36.6	2.56E+06	4.94E+06
13	277	TIFT	GA	83.6	31.5	6.89E+08	5.68E+08	82.4	1.67E+08	32.8	27.5	39.7	2.13E+07	7.17E+06
13	279	TOOMBS	GA	82.3	32.1	9.52E+08	4.18E+08	43.9	1.11E+08	53.1	32.8	14.1	4.82E+06	3.37E+06
13	281	TOWNS	GA	83.8	34.9	4.29E+08	5.22E+07	12.2	2.01E+07	67.6	25.4	6.9	6.07E+04	1.62E+04
13	283	TREUTLEN	GA	82.6	32.4	5.02E+08	2.28E+08	45.4	6.56E+07	37.2	36.3	36.5	8.50E+04	1.21E+06
13	285	TROUP	GA	85.0	33.0	1.07E+09	2.45E+08	22.8	1.89E+08	37.8	41.7	20.5	2.06E+05	9.15E+05
13	287	TURNER	GA	83.7	31.7	7.58E+08	5.81E+08	76.7	2.55E+08	16.0	54.6	29.4	7.83E+06	5.22E+06
13	289	TWIGGS	GA	83.5	32.7	9.43E+08	1.63E+08	17.3	3.05E+07	38.9	47.7	13.4	2.67E+05	5.87E+05
13	291	UNION	GA	84.0	34.8	8.00E+08	1.34E+08	16.8	5.17E+07	53.3	17.0	29.7		2.10E+05
13	293	UPSON	GA	84.3	32.9	8.65E+08	2.22E+08	25.7	1.30E+08	32.5	23.5	43.9	4.05E+03	1.75E+06
13	295	WALKER	GA	85.3	34.7	1.15E+09	4.03E+08	35.0	2.37E+08	47.0	30.6	22.4	8.09E+03	8.94E+05
13	297	WALTON	GA	83.7	33.8	8.55E+08	3.60E+08	42.1	1.59E+08	60.5	19.2	20.3		9.23E+05
13	299	WARE	GA	82.5	31.0	2.36E+09	3.02E+08	12.8	8.36E+07	26.2	56.9	16.9	1.03E+06	9.02E+05
13	301	WARREN	GA	82.7	33.4	7.76E+08	3.13E+08	42.6	1.28E+08	50.3	34.7	15.0		1.40E+06
13	303	WASHINGTON	GA	82.8	33.0	1.74E+09	6.69E+08	38.4	1.76E+08	42.4	37.9	19.7	4.05E+05	4.37E+06
13	305	WAYNE	GA	81.9	31.6	1.67E+09	3.75E+08	22.5	7.80E+07	42.1	42.7	15.2	8.86E+05	1.44E+06
13	307	WEBSTER	GA	84.6	32.0	5.05E+08	2.47E+08	48.8	6.92E+07	27.3	32.3	40.4	1.42E+06	4.98E+05
13	309	WHEELER	GA	82.7	32.1	7.91E+08	3.75E+08	47.4	1.17E+08	23.0	54.4	22.6	5.95E+05	1.74E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
13	311	WHITE	GA	83.8	34.6	6.29E+08	1.08E+08	17.2	5.33E+07	51.4	24.4	24.3		1.54E+05
13	313	WHITFIELD	GA	85.0	34.8	7.28E+08	2.00E+08	27.5	1.04E+08	52.4	28.0	19.6	7.49E+04	4.98E+05
13	315	WILCOX	GA	83.5	32.0	9.91E+08	4.64E+08	46.9	1.45E+08	38.5	35.3	26.2	8.77E+06	3.57E+06
13	317	WILKES	GA	82.8	33.8	1.21E+09	4.85E+08	40.0	3.47E+08	32.0	41.0	27.0	4.05E+04	9.96E+05
13	319	WILKINSON	GA	83.2	32.8	1.19E+09	2.12E+08	17.9	5.76E+07	32.8	49.2	18.0		1.29E+05
13	321	WORTH	GA	83.9	31.5	1.50E+09	9.84E+08	65.6	2.73E+08	36.3	30.6	33.1	5.52E+06	5.77E+06
16	0		ID			2.14E+11	5.78E+10	27.0	3.28E+10	10.8	7.6	81.6	1.16E+10	3.20E+07
16	1	ADA	ID	116.2	43.4	2.70E+09	9.88E+08	36.6	5.89E+08	20.0	1.6	78.4	3.25E+08	7.73E+05
16	3	ADAMS	ID	116.4	44.9	3.55E+09	7.25E+08	20.4	6.39E+08	5.6	8.4	86.0	5.59E+07	2.02E+05
16	5	BANNOCK	ID	112.2	42.7	2.91E+09	1.57E+09	53.9	6.91E+08	12.0	3.9	84.1	2.05E+08	1.66E+05
16	7	BEAR LAKE	ID	111.3	42.3	3.55E+09	1.34E+09	52.7	8.25E+08	14.3	1.0	82.7	2.00E+08	6.27E+05
16	9	BENEWAH	ID	116.6	47.2	2.04E+09	5.21E+08	25.5	1.80E+08	13.6	75.4	11.0	8.38E+05	2.14E+05
16	11	BINGHAM	ID	112.4	43.2	5.40E+09	4.28E+09	79.4	2.41E+09	9.9	1.6	88.4	1.09E+09	4.17E+05
16	13	BLAINE	ID	114.0	43.4	6.86E+09	1.06E+09	15.4	8.46E+08	7.5	0.1	92.4	1.58E+08	2.51E+05
16	15	BOISE	ID	115.7	44.0	4.95E+09	4.18E+08	8.4	3.69E+08	11.0	22.1	66.9	1.49E+07	1.42E+05
16	17	BONNER	ID	116.6	48.3	4.49E+09	6.04E+08	13.4	3.84E+08	14.1	61.6	24.3	2.89E+07	1.84E+05
16	19	BONNEVILLE	ID	111.6	43.4	4.75E+09	2.13E+09	44.9	8.16E+08	16.6	2.6	80.8	5.48E+08	2.55E+05
16	21	BOUNDARY	ID	116.4	48.8	3.30E+09	3.26E+08	9.9	8.28E+07	41.2	41.6	17.2	2.27E+06	1.05E+05
16	23	BUTTE	ID	113.2	43.7	5.80E+09	6.61E+08	11.4	4.53E+08	11.7	1.1	87.2	2.09E+08	2.02E+05
16	25	CAMAS	ID	114.8	43.5	2.73E+09	7.43E+08	27.2	3.64E+08	5.4	6.2	88.4	3.36E+07	3.60E+05
16	27	CANYON	ID	116.7	43.6	1.50E+09	1.29E+09	86.0	3.49E+08	46.8	0.1	53.1	8.89E+08	1.03E+06
16	29	CARIBOU	ID	111.4	42.8	4.52E+09	2.95E+09	65.2	1.87E+09	5.6	1.8	92.6	2.61E+08	5.58E+05
16	31	CASSIA	ID	113.6	42.3	6.59E+09	2.74E+09	41.6	1.39E+09	10.0		90.0	8.23E+08	1.02E+06
16	33	CLARK	ID	112.3	44.3	4.53E+09	1.46E+09	32.3	1.30E+09	2.2		97.8	6.90E+07	8.09E+03
16	35	CLEARWATER	ID	115.4	46.7	6.53E+09	6.56E+08	10.0	4.02E+08	7.0	43.6	49.3	6.43E+0[illegible]	3.28E+05
16	37	CUSTER	ID	114.3	44.2	1.28E+10	5.72E+08	4.5	4.15E+08	19.0	1.0	80.0	1.79E+08	1.98E+05
16	39	ELMORE	ID	115.5	43.4	7.89E+09	1.74E+09	22.1	1.37E+09	4.5	1.1	94.3	2.80E+08	1.45E+06
16	41	FRANKLIN	ID	111.9	42.2	1.72E+09	1.02E+09	59.4	4.54E+08	15.0	4.2	80.8	1.80E+08	8.26E+05
16	43	FREMONT	ID	111.5	44.2	4.83E+09	1.59E+09	32.9	8.58E+08	10.2	3.3	86.6	3.06E+08	1.18E+06
16	45	GEM	ID	116.4	44.1	1.44E+09	8.09E+08	56.2	6.33E+08	9.5	6.4	84.0	1.49E+08	6.11E+05
16	47	GOODING	ID	114.8	43.0	1.97E+09	9.23E+08	49.5	5.67E+08	19.5	0.2	80.3	3.44E+08	7.61E+05
16	49	IDAHO	ID	115.5	45.8	2.21E+10	3.30E+09	15.0	2.41E+09	7.3	18.3	74.4	2.93E+07	1.44E+06
16	51	JEFFERSON	ID	112.3	43.8	2.94E+09	1.35E+09	47.6	6.76E+08	13.2	1.0	85.8	5.65E+08	1.17E+05
16	53	JEROME	ID	114.3	42.7	1.54E+09	8.47E+08	55.0	2.80E+08	37.2	0.1	62.7	5.32E+08	5.06E+05
16	55	KOOTENAI	ID	116.7	47.7	3.24E+09	8.93E+08	27.6	4.12E+08	10.9	40.6	48.5	7.68E+07	2.51E+05
16	57	LATAH	ID	116.7	46.8	3.82E+09	1.49E+09	52.9	4.13E+08	20.7	40.4	38.9	1.34E+06	9.35E+05
16	59	LEMHI	ID	113.9	44.9	1.19E+10	8.17E+00	6.9	6.13E+08	19.4	0.9	79.7	2.77E+08	3.48E+05
16	61	LEWIS	ID	116.4	46.2	1.23E+09	9.87E+08	80.2	3.42E+08	9.9	28.2	61.9	7.49E+05	4.17E+05
16	63	LINCOLN	ID	114.1	43.0	3.11E+09	5.28E+08	16.9	2.69E+08	32.1	0.4	67.5	2.08E+08	7.81E+05
16	65	MADISON	ID	111.7	43.8	1.23E+09	9.82E+06	80.2	2.55E+08	21.6	4.6	73.8	3.65E+08	8.09E+04
16	67	MINIDOKA	ID	113.6	42.9	1.94E+09	1.19E+09	61.4	4.73E+08	12.6		87.4	6.54E+08	1.40E+06
16	69	NEZ PERCE	ID	116.7	46.3	2.19E+09	2.07E+09	94.8	1.12E+09	5.3	26.6	68.1	4.82E+06	5.42E+05
16	71	ONEIDA	ID	112.6	42.2	3.08E+09	1.35E+09	43.7	4.41E+08	14.3		85.7	1.02E+08	3.08E+05
16	73	OWYHEE	ID	116.2	42.6	1.98E+10	2.50E+09	12.6	1.95E+09	5.3	0.9	93.7	4.35E+08	6.69E+06
16	75	PAYETTE	ID	116.8	44.0	1.04E+09	5.63E+08	54.2	3.60E+08	14.2	0.3	85.6	1.98E+08	3.28E+05
16	77	POWER	ID	112.8	42.7	3.66E+09	2.01E+09	54.8	6.09E+08	7.0	1.2	91.7	3.27E+08	3.56E+05
16	79	SHOSHONE	ID	115.9	47.3	6.76E+09	4.31E+07	0.6	1.71E+07	40.1	22.3	37.6	3.82E+06	
16	81	TETON	ID	111.2	43.8	1.18E+09	5.86E+08	49.5	1.71E+08	33.9	9.6	56.5	1.51E+0[illegible]	1.84E+05
16	83	TWIN FALLS	ID	114.7	42.4	5.04E+09	2.60E+09	51.5	1.43E+09	14.1		85.9	1.05E+09	1.99E+06
16	85	VALLEY	ID	115.6	44.8	9.52E+09	4.33E+08	4.5	3.69E+08	12.6	18.2	69.3	7.42E+07	1.83E+06
16	87	WASHINGTON	ID	116.8	44.5	3.79E+09	2.10E+09	55.4	1.66E+09	4.9	1.7	93.4	1.39E+08	1.64E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
17	0		IL			1.44E+11	1.18E+11	81.5	1.63E+10	46.1	22.8	31.0	2.18E+08	1.58E+08
17	1	ADAMS	IL	91.2	40.0	2.23E+09	1.90E+09	85.2	4.84E+08	41.7	32.7	25.6	1.26E+06	6.64E+06
17	3	ALEXANDER	IL	89.3	37.2	5.93E+08	3.32E+08	56.0	4.51E+07	52.6	20.7	26.7	4.86E+05	3.80E+05
17	5	BOND	IL	89.4	38.9	9.79E+08	7.99E+08	81.6	1.37E+08	45.2	20.0	34.8	4.53E+05	2.82E+06
17	7	BOONE	IL	88.8	42.3	7.33E+08	6.84E+08	93.3	4.97E+07	47.3	21.2	31.5	1.67E+06	1.58E+05
17	9	BROWN	IL	90.8	40.0	7.93E+08	6.88E+08	86.8	2.62E+08	28.7	38.9	33.4		2.80E+06
17	11	BUREAU	IL	89.5	41.4	2.24E+09	2.07E+09	92.0	2.00E+08	45.8	28.7	25.5	1.53E+06	9.62E+05
17	13	CALHOUN	IL	90.7	39.2	6.40E+08	4.76E+08	74.4	1.77E+08	33.6	44.4	22.0		1.15E+06
17	15	CARROLL	IL	89.9	42.1	1.18E+09	1.08E+09	91.7	2.15E+08	41.2	21.6	37.2	1.24E+06	4.05E+05
17	17	CASS	IL	90.2	40.0	9.60E+08	8.38E+08	87.3	1.54E+08	27.0	23.3	47.7	2.08E+06	1.29E+06
17	19	CHAMPAIGN	IL	88.2	40.1	2.59E+09	2.40E+09	92.6	7.55E+07	32.1	25.1	22.8	7.28E+04	6.68E+05
17	21	CHRISTIAN	IL	89.3	39.5	1.84E+09	1.64E+09	89.2	1.22E+08	44.9	11.9	43.2	3.53E+05	1.24E+06
17	23	CLARK	IL	87.8	39.3	1.31E+09	1.21E+09	92.5	1.74E+08	38.5	29.9	31.6	8.54E+05	2.89E+06
17	25	CLAY	IL	88.5	38.8	1.20E+09	8.39E+08	69.9	1.19E+08	51.3	17.4	31.3	1.29E+06	1.56E+06
17	27	CLINTON	IL	89.4	38.6	1.12E+09	9.63E+08	85.7	8.19E+07	56.0	11.2	32.8	9.67E+05	1.48E+06
17	29	COLES	IL	88.2	39.5	1.31E+09	1.16E+09	88.4	8.52E+07	50.7	27.1	22.1	1.62E+04	1.21E+06
17	31	COOK	IL	87.8	41.8	2.47E+09	2.44E+08	10.7	2.30E+07	43.4	25.2	31.4	3.83E+06	2.35E+05
17	33	CRAWFORD	IL	87.8	39.0	1.13E+09	9.07E+08	79.1	9.17E+07	57.1	15.4	27.6	4.37E+05	1.92E+06
17	35	CUMBERLAND	IL	88.2	39.2	8.99E+08	7.85E+08	87.4	9.38E+07	46.4	23.1	30.4	1.54E+05	1.69E+06
17	37	DE KALB	IL	88.8	41.9	1.65E+09	1.53E+09	92.9	6.60E+07	43.7	13.2	23.1	2.95E+05	3.04E+05
17	39	DE WITT	IL	88.9	40.2	1.03E+09	9.84E+08	95.2	8.94E+07	47.3	22.0	30.7	1.05E+05	4.73E+05
17	41	DOUGLAS	IL	88.2	39.8	1.09E+09	1.08E+09	99.2	4.15E+07	57.8	19.6	22.7		4.78E+05
17	43	DU PAGE	IL	88.1	41.9	8.57E+08	2.10E+08	24.5	1.50E+07	44.1	24.3	31.6	1.77E+04	1.01E+05
17	45	EDGAR	IL	87.7	39.7	1.63E+09	1.57E+09	96.4	1.76E+08	42.2	26.9	30.9	4.86E+04	1.22E+06
17	47	EDWARDS	IL	88.1	38.4	5.83E+08	5.50E+08	94.3	9.87E+07	59.8	10.5	29.7	2.43E+06	1.66E+06
17	49	EFFINGHAM	IL	88.6	39.1	1.25E+09	1.07E+09	86.0	1.56E+08	43.3	26.6	30.1	1.23E+06	1.92E+06
17	51	FAYETTE	IL	89.0	39.0	1.82E+09	1.42E+09	77.9	2.36E+08	48.4	19.9	31.7	2.14E+05	2.69E+06
17	53	FORD	IL	88.2	40.6	1.26E+09	1.26E+09	100.0	4.52E+07	65.6	7.3	27.0	1.21E+05	1.98E+05
17	55	FRANKLIN	IL	88.9	38.0	1.12E+09	6.82E+08	60.7	1.07E+08	68.6	9.4	22.1		2.03E+06
17	57	FULTON	IL	90.2	40.5	2.27E+09	1.67E+09	73.6	4.95E+08	28.8	35.5	35.7		2.76E+06
17	59	GALLATIN	IL	88.2	37.8	8.48E+08	6.08E+08	71.6	7.67E+07	49.4	29.9	20.8	3.24E+05	6.07E+05
17	61	GREENE	IL	90.4	39.4	1.41E+09	1.30E+09	92.5	3.29E+08	32.4	32.5	35.1	1.29E+06	3.91E+06
17	63	GRUNDY	IL	88.4	41.3	1.12E+09	9.27E+08	82.9	4.68E+07	29.8	25.7	44.5		3.20E+05
17	65	HAMILTON	IL	88.5	38.1	1.13E+09	8.84E+08	78.5	1.20E+08	53.3	11.6	35.2	4.86E+05	2.02E+06
17	67	HANCOCK	IL	91.2	40.4	2.06E+09	1.85E+09	89.5	4.41E+08	32.7	28.0	39.3	4.86E+05	4.34E+05
17	69	HARDIN	IL	88.3	37.5	4.73E+08	1.88E+08	39.9	9.71E+07	71.0	13.8	15.2		4.29E+05
17	71	HENDERSON	IL	90.9	40.8	9.75E+08	8.78E+08	90.1	2.06E+08	44.5	20.7	35.2	7.05E+06	1.44E+06
17	73	HENRY	IL	90.1	41.4	2.14E+09	2.03E+09	95.1	2.83E+08	57.6	16.0	26.4	3.19E+06	1.01E+06
17	75	IROQUOIS	IL	87.8	40.7	2.91E+09	2.74E+09	94.3	1.42E+08	46.0	24.2	29.8	3.78E+06	8.05E+05
17	77	JACKSON	IL	89.4	37.8	1.57E+09	8.48E+08	54.1	1.91E+08	55.5	21.6	22.9	8.50E+04	1.78E+06
17	79	JASPER	IL	88.2	39.0	1.28E+09	1.06E+09	82.6	1.03E+08	53.7	15.9	30.3	7.08E+05	1.63E+06
17	81	JEFFERSON	IL	88.9	38.3	1.48E+09	9.60E+08	64.7	1.89E+08	57.3	19.1	23.6	2.19E+05	2.72E+06
17	83	JERSEY	IL	90.4	39.1	9.74E+08	7.97E+08	81.8	1.68E+08	33.3	30.4	36.3	4.05E+05	2.77E+06
17	85	JO DAVIESS	IL	90.2	42.4	1.57E+09	1.24E+09	79.1	5.14E+08	37.3	23.5	39.2	1.53E+06	7.81E+05
17	87	JOHNSON	IL	88.9	37.5	8.94E+08	4.41E+08	49.4	2.02E+08	43.9	15.2	20.9	4.05E+03	3.13E+06
17	89	KANE	IL	88.4	41.9	1.35E+09	9.69E+08	72.0	6.79E+07	49.3	25.4	25.1	3.58E+06	5.14E+05
17	91	KANKAKEE	IL	87.9	41.1	1.76E+09	1.58E+09	89.7	5.76E+07	60.9	10.7	28.4	3.05E+07	1.70E+05
17	93	KENDALL	IL	88.4	41.6	8.29E+08	7.20E+08	86.8	3.79E+07	45.4	30.5	23.9	1.70E+05	3.80E+05
17	95	KNOX	IL	90.2	40.9	1.55E+09	1.47E+09	88.5	4.07E+08	39.7	20.6	39.7	1.13E+05	2.92E+06
17	97	LAKE	IL	88.0	42.3	1.18E+09	3.85E+08	32.5	5.35E+07	49.6	15.4	35.1	7.28E+05	8.74E+05
17	99	LA SALLE	IL	88.9	41.3	2.98E+09	2.65E+09	88.9	1.60E+08	43.4	31.8	24.8	1.62E+04	9.51E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
17	101	LAWRENCE	IL	87.7	38.7	9.66E+08	7.54E+08	77.8	8.13E+07	58.0	14.6	27.4	8.70E+06	1.01E+06
17	103	LEE	IL	89.3	41.7	1.89E+09	1.73E+09	91.7	1.12E+08	56.0	16.5	27.5	1.03E+06	7.53E+05
17	105	LIVINGSTON	IL	88.6	40.9	2.70E+09	2.58E+09	95.5	1.04E+08	56.9	17.9	25.2	4.94E+05	6.43E+05
17	107	LOGAN	IL	89.4	40.1	1.61E+09	1.49E+09	92.5	7.98E+07	58.9	15.4	25.7		5.99E+05
17	109	MC DONOUGH	IL	90.7	40.5	1.51E+09	1.42E+09	94.4	3.08E+08	44.8	17.8	37.4	1.21E+04	1.80E+06
17	111	MC HENRY	IL	88.5	42.3	1.58E+09	1.07E+09	67.7	1.29E+08	46.7	25.6	27.7	1.21E+07	9.55E+05
17	113	MC LEAN	IL	88.9	40.5	3.04E+09	2.94E+09	96.8	1.79E+08	49.8	12.9	37.4	1.32E+06	1.16E+06
17	115	MACON	IL	89.0	39.9	1.50E+09	1.31E+09	87.8	5.04E+07	57.0	15.4	27.6	2.64E+06	1.58E+05
17	117	MACOUPIN	IL	89.9	39.3	2.26E+09	1.93E+09	85.7	3.70E+08	35.3	23.4	41.3	1.21E+05	6.84E+06
17	119	MADISON	IL	89.9	38.8	1.90E+09	1.31E+09	69.3	1.64E+08	50.5	14.6	34.9	4.71E+06	3.29E+06
17	121	MARION	IL	88.9	38.6	1.50E+09	1.13E+09	75.2	1.91E+08	49.0	16.8	34.3	4.88E+04	2.48E+06
17	123	MARSHALL	IL	89.3	41.0	1.01E+09	8.63E+08	85.3	1.08E+08	34.0	39.8	26.2		6.72E+05
17	125	MASON	IL	89.9	40.2	1.40E+09	1.22E+09	87.1	8.27E+07	59.6	23.0	17.4	7.59E+07	2.95E+05
17	127	MASSAC	IL	88.7	37.2	6.35E+08	4.63E+08	72.8	1.55E+08	66.1	18.0	16.0	4.05E+04	1.35E+06
17	129	MENARD	IL	89.8	40.0	8.08E+08	7.87E+08	97.4	9.82E+07	40.2	17.6	42.2	8.09E+03	9.35E+05
17	131	MERCER	IL	90.7	41.2	1.44E+09	1.31E+09	91.1	3.09E+08	41.4	20.9	37.7	3.24E+05	1.52E+06
17	133	MONROE	IL	90.2	38.3	9.89E+08	8.65E+08	87.5	7.31E+07	41.7	35.6	22.7	1.23E+06	2.09E+06
17	135	MONTGOMERY	IL	89.5	39.2	1.83E+09	1.60E+09	87.4	1.83E+08	50.8	16.1	33.1	1.21E+04	3.01E+06
17	137	MORGAN	IL	90.2	39.7	1.45E+09	1.36E+09	93.5	2.50E+08	33.4	17.7	46.9	1.90E+05	2.77E+06
17	139	MOULTRIE	IL	88.6	39.6	8.44E+08	8.01E+08	94.8	9.60E+07	45.0	21.0	34.0	4.05E+03	5.42E+05
17	141	OGLE	IL	89.3	42.0	1.96E+09	1.80E+09	91.8	2.16E+08	44.8	21.0	34.2	3.64E+05	3.84E+05
17	143	PEORIA	IL	89.8	40.8	1.61E+09	1.17E+09	72.4	1.86E+08	42.8	35.1	22.1	1.80E+06	1.70E+06
17	145	PERRY	IL	89.4	38.1	1.14E+09	9.18E+08	80.7	1.69E+08	55.9	11.3	32.8	6.64E+05	3.51E+06
17	147	PIATT	IL	88.6	40.0	1.13E+09	1.12E+09	99.1	4.67E+07	60.3	16.9	22.8		2.27E+05
17	149	PIKE	IL	90.9	39.5	2.14E+09	1.95E+09	91.1	6.05E+08	46.4	28.2	25.4	6.27E+05	4.87E+06
17	151	POPE	IL	88.6	37.4	9.86E+08	3.53E+08	35.8	1.42E+08	60.9	17.5	21.6		1.44E+06
17	153	PULASKI	IL	89.1	37.2	5.28E+08	3.19E+08	60.4	6.61E+07	58.5	17.0	24.5	4.45E+04	1.41E+06
17	155	PUTNAM	IL	89.3	41.2	4.13E+08	3.64E+08	87.9	6.39E+07	45.6	34.7	19.7		1.62E+05
17	157	RANDOLPH	IL	89.8	38.1	1.54E+09	1.18E+09	76.8	2.12E+08	51.7	19.7	28.6	4.05E+05	2.46E+06
17	159	RICHLAND	IL	88.1	38.7	9.42E+08	7.11E+08	75.4	9.00E+07	60.2	20.8	19.0	4.05E+03	1.71E+06
17	161	ROCK ISLAND	IL	90.6	41.5	1.10E+09	7.86E+08	71.5	1.74E+08	38.5	24.3	35.3	1.40E+06	6.56E+05
17	163	ST CLAIR	IL	89.9	38.5	1.74E+09	1.26E+09	72.6	1.17E+08	44.7	20.5	35.1	3.57E+06	2.41E+06
17	165	SALINE	IL	88.5	37.8	9.92E+08	5.86E+08	59.1	9.61E+07	68.2	11.5	20.3	8.17E+05	1.36E+06
17	167	SANGAMON	IL	89.7	39.8	2.28E+09	1.90E+09	83.7	1.79E+08	48.3	13.0	38.8	5.67E+05	2.48E+06
17	169	SCHUYLER	IL	90.6	40.2	1.13E+09	1.00E+09	89.0	3.16E+08	21.3	45.6	33.1	3.24E+05	2.70E+06
17	171	SCOTT	IL	90.5	39.6	6.51E+08	5.68E+08	87.2	1.25E+08	36.3	26.5	37.2		1.57E+06
17	173	SHELBY	IL	88.8	39.4	1.95E+09	1.68E+09	86.2	1.70E+08	51.7	18.7	29.6	4.98E+05	1.53E+06
17	175	STARK	IL	89.8	41.1	7.54E+08	7.31E+08	97.0	6.65E+07	57.1	8.4	34.5	1.38E+05	2.83E+05
17	177	STEPHENSON	IL	89.7	42.4	1.47E+09	1.33E+09	90.2	2.13E+08	64.5	10.6	24.9	7.32E+05	2.39E+05
17	179	TAZEWELL	IL	89.5	40.5	1.69E+09	1.38E+09	81.5	1.36E+08	40.7	24.4	34.9	7.70E+06	1.09E+06
17	181	UNION	IL	89.3	37.5	1.08E+09	6.71E+08	62.3	1.94E+08	61.0	16.7	22.3	3.64E+05	2.31E+06
17	183	VERMILION	IL	87.7	40.2	2.33E+09	2.03E+09	87.3	1.31E+08	45.1	27.2	27.7	4.61E+05	8.01E+05
17	185	WABASH	IL	87.8	38.4	5.75E+08	4.30E+08	74.7	4.27E+07	52.5	22.6	24.9	6.47E+05	6.23E+05
17	187	WARREN	IL	90.6	40.8	1.40E+09	1.31E+09	93.2	2.31E+08	47.8	16.0	36.2	8.09E+03	1.29E+06
17	189	WASHINGTON	IL	89.4	38.4	1.46E+09	1.28E+09	87.3	1.18E+08	52.5	19.4	28.2	2.10E+05	2.77E+06
17	191	WAYNE	IL	88.4	38.4	1.85E+09	1.47E+09	79.5	2.48E+08	67.3	13.9	18.8	1.86E+05	3.12E+06
17	193	WHITE	IL	88.2	38.1	1.30E+09	1.09E+09	83.7	1.32E+08	65.0	14.0	21.0	2.16E+06	2.08E+06
17	195	WHITESIDE	IL	89.9	41.8	1.78E+09	1.64E+09	92.2	2.05E+08	46.5	14.7	38.7	1.57E+06	3.97E+05
17	197	WILL	IL	88.0	41.4	2.19E+09	1.42E+09	64.8	8.51E+07	50.3	12.5	37.1	5.26E+06	6.76E+05
17	199	WILLIAMSON	IL	88.9	37.7	1.11E+09	3.89E+08	35.1	1.18E+08	66.9	10.0	23.1	1.62E+04	1.02E+06
17	201	WINNEBAGO	IL	89.2	42.3	1.34E+09	8.94E+08	66.9	1.26E+08	51.1	18.0	31.0	3.12E+05	4.73E+05
17	203	WOODFORD	IL	89.2	40.8	1.37E+09	1.29E+09	94.1	1.39E+08	47.0	33.5	19.5	6.84E+05	1.48E+06

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
18	0		IN			9.35E+10	6.79E+10	72.7	1.14E+10	50.7	24.6	24.7	1.35E+06	7.91E+07
18	1	ADAMS	IN	85.0	40.7	8.94E+08	8.03E+08	89.9	5.79E+07	60.2	19.9	19.9	7.28E+04	5.83E+05
18	3	ALLEN	IN	85.1	41.1	[illegible]	1.24E+09	71.3	9.36E+07	51.9	24.4	23.7	1.76E+06	1.08E+06
18	5	BARTHOLOMEW	IN	85.9	39.2	1.04E+09	7.10E+08	68.2	1.05E+08	47.0	22.2	30.8	1.01E+06	8.09E+05
18	7	BENTON	IN	87.3	40.6	1.06E+09	1.01E+09	95.4	6.20E+07	51.9	14.6	33.4		4.78E+05
18	9	BLACKFORD	IN	85.3	40.5	4.33E+08	3.53E+08	81.6	3.12E+07	55.1	23.5	21.5	4.05E+03	1.70E+05
18	11	BOONE	IN	86.5	40.0	1.11E+09	9.36E+08	84.6	1.32E+08	38.5	24.0	37.5	7.69E+05	3.64E+05
18	13	BROWN	IN	86.2	39.2	8.26E+08	9.68E+07	11.7	3.28E+07	42.1	31.3	26.5		3.76E+05
18	15	CARROLL	IN	86.6	40.6	9.69E+08	9.32E+08	96.2	1.05E+08	41.5	35.7	22.8	5.67E+05	3.28E+05
18	17	CASS	IN	86.3	40.8	1.07E+09	9.24E+08	85.9	1.16E+08	51.8	28.6	19.7	1.66E+06	3.93E+05
18	19	CLARK	IN	85.7	38.5	9.95E+08	5.14E+08	51.7	1.67E+08	54.3	19.7	26.0	1.20E+06	1.41E+06
18	21	CLAY	IN	87.1	39.4	9.43E+08	6.85E+08	72.7	1.05E+08	41.0	34.0	25.0		1.57E+06
18	23	CLINTON	IN	86.5	40.3	1.05E+09	7.54E+08	90.5	7.20E+07	50.5	34.2	15.3	4.05E+03	3.28E+05
18	25	CRAWFORD	IN	86.5	38.3	8.08E+08	3.82E+08	47.3	1.59E+08	52.7	23.0	23.4	4.86E+04	5.42E+05
18	27	DAVIESS	IN	87.1	38.7	1.11E+09	9.35E+08	84.0	1.88E+08	63.4	15.2	21.4	3.24E+04	2.58E+06
18	29	DEARBORN	IN	85.0	39.1	7.93E+08	4.42E+08	55.7	2.18E+08	39.8	19.7	40.5	7.45E+05	9.96E+05
18	31	DECATUR	IN	85.5	39.3	9.58E+08	8.54E+08	89.1	1.47E+08	51.7	27.0	21.3	8.09E+03	1.19E+06
18	33	DE KALB	IN	85.0	41.4	9.47E+08	7.57E+08	79.9	6.47E+07	59.7	21.3	19.0	1.41E+06	7.49E+05
18	35	DELAWARE	IN	85.4	40.2	1.03E+09	7.63E+08	74.3	7.18E+07	56.1	20.7	23.2	1.17E+05	4.29E+05
18	37	DUBOIS	IN	86.9	38.4	1.12E+09	8.68E+08	77.4	2.66E+08	55.2	21.1	23.7	4.01E+05	3.50E+06
18	39	ELKHART	IN	85.9	41.6	1.21E+09	8.55E+08	70.6	1.18E+08	59.6	17.9	22.5	1.33E+07	5.58E+05
18	41	FAYETTE	IN	85.2	39.6	5.57E+08	4.59E+08	82.4	1.24E+08	47.3	30.0	22.7		2.99E+05
18	43	FLOYD	IN	85.9	38.3	3.86E+08	1.58E+08	40.9	5.68E+07	61.5	14.6	23.9	3.64E+04	4.57E+05
18	45	FOUNTAIN	IN	87.2	40.1	1.03E+09	8.67E+08	84.3	1.46E+08	55.7	23.9	20.4	3.36E+05	2.91E+05
18	47	FRANKLIN	IN	85.1	39.4	1.02E+09	6.95E+08	68.1	2.49E+08	41.4	30.1	28.5	1.29E+05	1.17E+06
18	49	FULTON	IN	86.3	41.0	9.53E+08	8.24E+08	86.5	1.24E+08	55.1	17.8	27.0	2.23E+05	3.24E+05
18	51	GIBSON	IN	87.6	38.3	1.29E+09	9.39E+08	72.8	1.02E+08	56.9	19.7	23.3	1.45E+06	1.40E+06
18	53	GRANT	IN	85.7	40.5	1.09E+09	8.39E+08	76.9	8.73E+07	57.7	21.2	21.1	4.09E+05	2.95E+05
18	55	GREENE	IN	87.0	39.0	1.42E+09	8.69E+08	61.1	2.83E+08	43.4	26.2	30.4		2.23E+06
18	57	HAMILTON	IN	86.1	40.1	1.04E+09	7.38E+08	71.0	1.01E+08	41.6	28.4	30.0	8.09E+03	4.21E+05
18	59	HANCOCK	IN	85.8	39.8	7.90E+08	6.64E+08	84.0	7.15E+07	54.3	27.2	18.0	4.94E+05	3.16E+05
18	61	HARRISON	IN	86.1	38.2	1.24E+09	7.62E+08	61.1	2.75E+08	59.1	18.4	22.5	1.62E+04	1.96E+06
18	63	HENDRICKS	IN	86.5	39.8	1.08E+09	7.87E+08	72.8	1.40E+08	58.2	24.3	17.5	3.40E+05	7.28E+05
18	65	HENRY	IN	85.4	39.9	1.04E+09	8.36E+08	80.2	1.23E+08	59.4	18.4	22.2	2.35E+05	5.06E+05
18	67	HOWARD	IN	86.1	40.5	7.59E+08	6.75E+08	89.0	5.13E+07	55.2	27.4	17.3	6.07E+04	6.07E+04
18	69	HUNTINGTON	IN	85.5	40.9	9.56E+08	7.82E+08	81.9	7.37E+07	49.2	25.2	25.6	1.98E+05	5.30E+05
18	71	JACKSON	IN	86.0	38.9	1.35E+09	8.73E+08	64.8	1.59E+08	51.8	25.3	22.9	8.50E+04	1.66E+06
18	73	JASPER	IN	87.1	41.0	1.45E+09	1.26E+09	86.8	1.19E+08	41.3	25.7	33.1	1.58E+07	2.55E+05
18	75	JAY	IN	85.0	40.4	1.00E+09	8.39E+08	83.9	1.05E+08	61.3	17.0	21.8	1.62E+04	6.23E+05
18	77	JEFFERSON	IN	85.4	38.7	9.49E+08	6.11E+08	64.4	2.35E+08	49.7	29.7	20.5	2.02E+05	1.62E+06
18	79	JENNINGS	IN	85.6	39.0	9.75E+08	6.02E+08	61.6	1.64E+08	45.6	32.3	22.2	4.05E+03	1.30E+06
18	81	JOHNSON	IN	86.1	39.5	8.16E+08	5.99E+08	73.4	9.04E+07	53.5	23.5	23.1	8.09E+03	9.47E+05
18	83	KNOX	IN	87.4	38.7	1.34E+09	1.16E+09	86.7	1.43E+08	46.5	21.6	31.9	6.47E+06	1.97E+06
18	85	KOSCIUSKO	IN	85.7	41.2	1.49E+09	1.18E+09	84.3	1.65E+08	57.0	21.2	21.8	2.34E+06	2.73E+05
18	87	LAGRANGE	IN	85.4	41.7	9.87E+08	8.57E+08	86.9	1.29E+08	58.6	23.3	18.1	1.28E+07	9.68E+05
18	89	LAKE	IN	87.4	41.4	1.33E+09	6.12E+08	45.1	5.54E+07	59.0	16.9	24.2	3.46E+06	5.06E+05
18	91	LA PORTE	IN	86.9	41.5	1.52E+09	1.07E+09	69.1	1.02E+08	66.1	12.6	21.3	1.56E+07	6.15E+05
18	93	LAWRENCE	IN	86.5	38.9	1.19E+09	7.23E+08	60.9	1.29E+08	42.3	27.6	30.1		1.46E+06
18	95	MADISON	IN	85.7	40.2	1.12E+09	9.23E+08	82.2	7.30E+07	60.9	24.8	14.2	1.88E+06	3.63E+05
18	97	MARION	IN	86.1	39.8	1.02E+09	2.65E+08	26.1	3.83E+07	55.6	15.3	29.1	2.38E+06	3.80E+05
18	99	MARSHALL	IN	86.3	41.2	1.15E+09	9.39E+08	81.6	1.67E+08	53.0	20.6	16.5	1.59E+06	3.80E+05
18	101	MARTIN	IN	86.9	38.7	9.44E+08	7.48E+08	38.9	1.24E+08	45.8	23.5	30.7		3.38E+05
18	103	MIAMI	IN	86.0	40.7	9.76E+08	8.13E+08	83.0	1.08E+08	55.5	25.9	18.6	5.99E+05	5.63E+05
18	105	MONROE	IN	86.5	39.2	1.02E+09	3.10E+08	71.2	1.34E+08	49.3	23.6	27.1	4.05E+03	4.41E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
18	107	MONTGOMERY	IN	86.9	40.0	1.31E+09	1.17E+09	89.1	1.75E+08	43.5	32.2	24.3	1.05E+03	3.44E+05
18	109	MORGAN	IN	86.4	39.5	1.05E+09	5.69E+08	54.1	1.22E+08	46.1	30.7	23.3	1.98E+05	2.27E+06
18	111	NEWTON	IN	87.4	41.0	1.07E+09	9.61E+08	89.9	1.14E+08	24.6	31.9	43.6	6.44E+06	1.52E+05
18	113	NOBLE	IN	85.4	41.4	1.07E+09	8.34E+08	78.1	1.22E+08	58.1	19.8	22.1	1.78E+06	4.33E+05
18	115	OHIO	IN	85.0	39.0	2.25E+08	1.52E+08	67.4	8.45E+07	26.3	22.3	51.4	6.88E+04	5.22E+05
18	117	ORANGE	IN	86.5	38.5	1.05E+09	5.09E+08	48.6	95E+08	51.8	25.1	23.1		8.94E+05
18	119	OWEN	IN	86.8	39.3	1.01E+09	5.04E+08	50.0	.80E+08	45.8	34.1	20.1	1.62E+04	1.44E+06
18	121	PARKE	IN	87.2	39.8	1.15E+09	8.39E+08	72.8	1.72E+08	30.5	39.7	29.8	5.54E+05	1.38E+06
18	123	PERRY	IN	86.6	38.1	9.95E+08	4.37E+08	44.0	1.49E+08	50.8	22.0	27.2		9.75E+05
18	125	PIKE	IN	87.2	38.4	8.68E+08	4.04E+08	46.6	6.45E+07	58.1	13.9	28.1		8.98E+05
18	127	PORTER	IN	87.1	41.5	1.10E+09	6.70E+08	60.9	6.69E+07	52.8	16.4	30.8	9.27E+05	9.24E+05
18	129	POSEY	IN	87.9	38.0	1.07E+09	9.02E+08	84.6	8.91E+07	58.1	19.9	22.0		1.14E+06
18	131	PULASKI	IN	86.7	41.0	1.12E+09	1.01E+09	89.9	8.96E+07	57.4	27.9	14.7	5.59E+06	3.56E+05
18	133	PUTNAM	IN	86.8	39.7	1.27E+09	9.16E+08	72.2	2.65E+08	39.8	33.6	26.6	2.83E+04	1.18E+06
18	135	RANDOLPH	IN	85.0	40.2	1.18E+09	1.08E+09	91.2	1.31E+08	53.7	19.7	26.6	2.83E+04	5.50E+05
18	137	RIPLEY	IN	85.3	39.1	1.14E+09	7.61E+08	66.5	2.01E+08	50.9	18.0	31.1	6.03E+05	1.95E+06
18	139	RUSH	IN	85.5	39.6	1.06E+09	9.96E+08	94.0	1.56E+08	55.1	24.3	20.6		4.86E+05
18	141	ST JOSEPH	IN	86.3	41.6	1.21E+09	7.33E+08	60.7	4.81E+07	57.3	18.3	24.4	1.06E+07	3.04E+05
18	143	SCOTT	IN	85.7	38.7	5.00E+08	3.00E+08	60.1	6.64E+07	25.0	19.0	26.0	4.05E+05	1.18E+06
18	145	SHELBY	IN	85.8	39.5	1.06E+09	9.02E+08	85.2	1.01E+08	56.2	19.8	24.1	3.01E+06	3.40E+05
18	147	SPENCER	IN	87.0	38.0	1.03E+09	7.81E+08	76.2	1.86E+08	33.7	16.8	29.5	6.15E+05	2.28E+06
18	149	STARKE	IN	86.6	41.3	8.04E+08	5.87E+08	73.0	4.32E+07	38.2	41.8	20.0	2.67E+06	3.64E+05
18	151	STEUBEN	IN	85.0	41.7	8.01E+08	5.79E+08	72.2	9.22E+07	64.9	13.2	21.8	4.29E+05	7.73E+05
18	153	SULLIVAN	IN	87.4	39.1	1.18E+09	7.88E+08	66.6	1.04E+08	55.4	19.8	24.8	3.73E+06	1.96E+06
18	155	SWITZERLAND	IN	85.0	38.8	5.72E+08	3.75E+08	65.6	1.88E+08	42.2	19.7	38.0	4.29E+05	1.26E+06
18	157	TIPPECANOE	IN	86.9	40.4	1.29E+09	1.05E+09	81.3	1.31E+08	47.9	26.2	25.9	8.70E+05	3.20E+05
18	159	TIPTON	IN	86.1	40.3	6.76E+08	6.22E+08	92.0	4.10E+07	48.2	39.6	12.3		3.64E+04
18	161	UNION	IN	84.9	39.6	4.35E+08	3.56E+08	81.8	8.46E+07	52.2	31.8	16.1	4.05E+03	3.44E+05
18	163	VANDERBURGH	IN	87.6	38.0	6.24E+08	3.53E+08	56.5	2.45E+07	64.5	14.4	21.2	4.07E+04	4.94E+05
18	165	VERMILLION	IN	87.5	39.9	6.81E+08	4.63E+08	67.9	7.90E+07	40.7	34.7	24.6		5.06E+05
18	167	VIGO	IN	87.4	39.4	1.07E+09	6.21E+08	57.8	9.28E+07	38.3	28.4	33.3	4.31E+05	1.45E+06
18	169	WABASH	IN	85.8	40.8	1.03E+09	9.47E+08	91.9	1.21E+08	52.0	27.6	20.4	4.05E+03	7.89E+05
18	171	WARREN	IN	87.4	40.3	9.53E+08	8.46E+08	88.8	1.39E+08	41.5	34.4	24.0	3.08E+05	3.72E+05
18	173	WARRICK	IN	87.3	38.1	1.01E+09	5.13E+08	50.7	8.63E+07	68.5	14.0	17.5		1.19E+06
18	175	WASHINGTON	IN	86.1	38.6	1.34E+09	9.03E+08	67.7	2.97E+08	55.7	22.3	22.0	8.90E+04	2.38E+06
18	177	WAYNE	IN	85.0	39.9	1.05E+09	8.16E+08	77.8	1.71E+08	52.3	27.9	19.9	4.90E+05	8.05E+05
18	179	WELLS	IN	85.2	40.7	9.53E+08	8.75E+08	91.8	4.91E+07	59.0	27.2	13.8	6.07E+05	5.14E+05
18	181	WHITE	IN	86.9	40.7	1.29E+09	1.14E+09	88.7	9.65E+07	41.1	28.4	30.5	5.58E+05	3.68E+05
18	183	WHITLEY	IN	85.5	41.2	8.72E+08	7.80E+08	89.4	9.08E+07	52.9	27.1	20.0	2.42E+06	6.52E+05
19	0		IA			1.45E+11	1.34E+11	92.3	2.75E+10	53.5	14.8	31.7	1.40E+08	1.80E+08
19	1	ADAIR	IA	94.5	41.3	1.47E+09	1.47E+09	100.0	4.93E+08	64.6	5.0	30.4	3.02E+05	5.48E+06
19	3	ADAMS	IA	94.7	41.0	1.10E+09	1.05E+09	95.1	3.96E+08	55.5	5.9	38.6		4.46E+06
19	5	ALLAMAKEE	IA	91.4	43.3	1.65E+09	1.39E+09	84.7	6.02E+08	30.5	48.4	21.0	5.27E+05	2.27E+06
19	7	APPANOOSE	IA	92.9	40.8	1.35E+09	1.00E+09	74.0	4.72E+08	58.2	11.5	30.3		5.31E+06
19	9	AUDUBON	IA	94.9	41.7	1.16E+09	1.13E+09	97.8	2.36E+08	67.8	4.7	27.6	1.14E+06	1.83E+06
19	11	BENTON	IA	92.1	42.1	1.84E+09	1.81E+09	97.2	2.74E+08	55.6	13.5	30.9	7.93E+05	1.07E+06
19	13	BLACK HAWK	IA	92.3	42.5	1.47E+09	1.29E+09	87.7	1.27E+08	52.3	17.7	30.1	3.04E+05	1.58E+05
19	15	BOONE	IA	93.9	42.0	1.48E+09	1.43E+09	96.1	1.86E+08	40.3	33.4	26.4	1.62E+04	3.08E+05
19	17	BREMER	IA	92.3	42.8	1.17E+09	1.02E+09	89.4	1.33E+08	48.1	15.6	36.3	2.47E+05	1.01E+05
19	19	BUCHANAN	IA	91.8	42.5	1.47E+09	1.33E+09	90.7	1.87E+08	56.8	14.9	28.3		1.58E+05
19	21	BUENA VISTA	IA	95.2	42.7	1.48E+09	1.45E+09	97.5	1.34E+08	54.2	8.3	37.5	5.46E+05	3.52E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
19	23	BUTLER	IA	92.8	42.7	1.51E+09	1.41E+09	93.3	1.90E+08	59.1	12.2	28.7	1.62E+05	3.60E+05
19	25	CALHOUN	IA	94.6	42.4	1.48E+09	1.43E+09	96.4	1.12E+08	54.7	16.2	29.1	3.29E+06	1.54E+05
19	27	CARROLL	IA	94.9	42.0	1.49E+09	1.49E+09	100.0	1.84E+08	65.4	5.4	29.2	2.02E+04	3.68E+05
19	29	CASS	IA	94.9	41.3	1.45E+09	1.43E+09	98.5	3.64E+08	47.8	3.5	48.7	4.05E+03	2.23E+06
19	31	CEDAR	IA	91.1	41.8	1.52E+09	1.47E+09	97.2	2.59E+08	53.4	17.1	29.5	4.05E+03	5.34E+05
19	33	CERRO GORDO	IA	93.3	43.1	1.49E+09	1.38E+09	92.3	1.32E+08	51.9	6.8	41.[illegible]	3.20E+05	3.56E[illegible]5
19	35	CHEROKEE	IA	95.6	42.7	1.48E+09	1.37E+09	92.1	2.29E+08	41.5	6.5	52.0	8.09E+03	1.07E+06
19	37	CHICKASAW	IA	92.3	43.1	1.31E+09	1.16E+09	88.6	1.95E+08	54.1	11.6	34.3		1.86E+05
19	39	CLARKE	IA	93.8	41.0	1.11E+09	9.98E+08	89.9	4.69E+08	49.9	13.4	36.7	4.05E+03	4.48E+06
19	41	CLAY	IA	95.2	43.1	1.48E+09	1.36E+09	92.1	1.56E+08	59.2	3.5	37.4	4.45E+05	2.47E+05
19	43	CLAYTON	IA	91.3	42.8	2.02E+09	1.81E+09	89.5	5.99E+08	42.2	38.7	19.1		2.94E+06
19	45	CLINTON	IA	90.5	41.9	1.80E+09	1.63E+09	90.6	2.79E+08	55.2	18.2	26.6	4.05E+03	9.15E+05
19	47	CRAWFORD	IA	95.4	42.0	1.85E+09	1.75E+09	94.5	4.11E+08	62.4	7.2	30.5	4.05E+03	3.05E+06
19	49	DALLAS	IA	94.0	41.7	1.55E+09	1.43E+09	92.7	2.39E+08	48.6	18.1	33.3	3.93E+05	2.16E+06
19	51	DAVIS	IA	92.4	40.8	1.32E+09	1.17E+09	88.7	5.29E+08	51.7	14.1	34.2		7.52E+06
19	53	DECATUR	IA	93.8	40.8	1.37E+09	1.22E+09	88.9	6.37E+08	44.3	9.5	46.2		5.73E+06
19	55	DELAWARE	IA	91.4	42.5	1.48E+09	1.37E+09	92.4	2.74E+08	53.7	25.0	21.2	4.07E+05	3.36E+05
19	57	DES MOINES	IA	91.2	40.9	1.04E+09	8.73E+08	82.6	2.08E+08	37.4	21.9	40.7	1.21E+04	2.35E+06
19	59	DICKINSON	IA	95.2	43.4	9.83E+08	9.83E+08	100.0	1.28E+08	49.6	2.9	47.5	2.02E+05	1.74E+05
19	61	DUBUQUE	IA	90.9	42.5	1.59E+09	1.40E+09	88.6	4.21E+08	43.6	31.9	24.5	4.86E+04	8.13E+05
19	63	EMMET	IA	94.7	43.4	1.02E+09	9.53E+08	93.3	1.10E+08	50.0	12.3	37.7	8.09E+03	1.94E+05
19	65	FAYETTE	IA	91.8	42.9	1.89E+09	1.76E+09	93.5	2.97E+08	48.6	23.7	27.7	1.21E+04	6.43E+05
19	67	FLOYD	IA	92.8	43.1	1.30E+09	1.25E+09	95.6	1.25E+08	51.3	15.7	33.0	3.50E+05	4.86E+04
19	69	FRANKLIN	IA	93.2	42.7	1.52E+09	1.41E+09	93.0	1.28E+08	55.1	8.5	36.4	2.23E+05	5.67E+04
19	71	FREMONT	IA	95.6	40.8	1.36E+09	1.30E+09	96.1	2.38E+08	63.0	11.7	25.3	1.20E+07	1.99E+06
19	73	GREENE	IA	94.4	42.0	1.47E+09	1.44E+09	97.8	1.51E+08	41.6	22.3	36.1	1.05E+06	3.60E+05
19	75	GRUNDY	IA	92.9	42.4	1.30E+09	1.29E+09	99.3	1.35E+08	58.8	4.1	37.0	4.05E+03	9.71E+04
19	77	GUTHRIE	IA	94.5	41.7	1.54E+09	1.41E+09	91.6	4.59E+08	49.3	14.5	36.2		2.74E+06
19	79	HAMILTON	IA	93.7	42.4	1.50E+09	1.43E+09	95.6	9.30E+07	49.7	17.6	32.7		1.74E+05
19	81	HANCOCK	IA	93.7	43.1	1.48E+09	1.42E+09	96.4	9.45E+07	57.3	6.9	35.9		2.14E+05
19	83	HARDIN	IA	93.2	42.4	1.49E+09	1.41E+09	94.7	1.61E+08	40.4	18.4	41.2	8.09E+03	4.01E+05
19	85	HARRISON	IA	95.8	41.7	1.80E+09	1.69E+09	93.6	3.44E+08	53.0	19.8	27.2	3.07E+07	1.78E+06
19	87	HENRY	IA	91.5	41.0	1.14E+09	1.01E+09	88.5	2.28E+08	40.5	23.3	36.2		2.00E+06
19	89	HOWARD	IA	92.3	43.4	1.22E+09	1.09E+09	89.5	2.05E+08	62.8	9.3	27.8		3.24E+04
19	91	HUMBOLDT	IA	94.2	42.8	1.13E+09	1.11E+09	98.1	5.55E+07	56.8	18.5	24.7		1.58E+05
19	93	IDA	IA	95.5	42.4	1.12E+09	1.05E+09	93.8	1.80E+08	65.5	1.6	32.9	6.[illegible]0E+05	8.05E+05
19	95	IOWA	IA	92.1	41.7	1.51E+09	1.45E+09	95.6	4.33E+08	58.9	10.7	30.4		2.89E+04
19	97	JACKSON	IA	90.6	42.2	1.67E+09	1.48E+09	89.0	6.06E+08	44.7	32.5	22.8		1.95E+06
19	99	JASPER	IA	93.1	41.7	1.89E+09	1.78E+09	93.8	3.83E+08	53.5	11.1	35.4	3.24E+04	2.62E+06
19	101	JEFFERSON	IA	91.9	41.0	1.13E+09	9.46E+08	83.8	2.54E+08	50.4	17.0	32.6	4.05E+03	3.54E+06
19	103	JOHNSON	IA	91.6	41.7	1.40E+09	1.27E+09	89.4	2.90E+08	42.9	13.5	23.5	1.25E+05	9.15E+05
19	105	JONES	IA	91.1	42.1	1.52E+09	1.35E+09	89.1	3.56E+08	51.2	19.4	29.4		1.33E+06
19	107	KEOKUK	IA	92.2	41.3	1.50E+09	1.41E+09	94.3	3.77E+08	61.5	14.3	24.2		3.04E+06
19	109	KOSSUTH	IA	94.2	43.2	2.54E+09	2.44E+09	96.1	1.36E+08	54.3	6.8	38.9	4.07E+05	4.82E+05
19	111	LEE	IA	91.5	40.7	1.37E+09	1.09E+09	79.9	3.16E+08	31.9	36.4	31.6	2.27E+06	2.75E+06
19	113	LINN	IA	91.6	42.1	1.86E+09	1.51E+09	81.4	2.65E+08	49.7	17.6	32.6	2.75E+05	5.22E+05
19	115	LOUISA	IA	91.2	41.2	1.04E+09	8.78E+08	84.1	1.65E+08	47.4	25.9	26.7	8.01E+06	1.22E+06
19	117	LUCAS	IA	93.3	41.0	1.12E+09	9.21E+08	81.9	4.47E+08	53.7	13.6	32.8		4.96E+06
19	119	LYON	IA	96.2	43.4	1.52E+09	1.41E+09	92.9	1.96E+08	54.1	3.2	42.7	1.13E+05	2.63E+05
19	121	MADISON	IA	94.0	41.3	1.46E+09	1.36E+09	92.8	5.17E+08	42.7	11.9	45.5	4.45E+04	5.54E+06
19	123	MAHASKA	IA	92.6	41.3	1.48E+09	1.33E+09	89.6	2.84E+08	50.7	12.7	36.6	4.05E+03	2.49E+06
19	125	MARION	IA	93.1	41.3	1.27E+09	1.18E+09	91.7	3.41E+08	50.4	14.0	35.6	8.90E+04	4.34E+06
19	127	MARSHALL	IA	93.0	42.0	1.49E+09	1.44E+09	96.7	2.23E+08	60.1	12.8	27.0	8.09E+03	6.80E+05
19	129	MILLS	IA	95.6	41.0	1.16E+09	1.02E+09	88.4	1.58E+08	66.6	9.8	23.6	3.38E+06	1.02E+06
19	131	MITCHELL	IA	92.8	43.4	1.21E+09	1.20E+09	98.8	1.36E+08	52.4	14.7	32.9	4.07E+04	5.67E+04
19	133	MONONA	IA	96.0	42.0	1.81E+09	1.74E+09	96.2	3.50E+08	46.0	19.9	34.1	5.06E+07	2.89E+06

APPENDIX A (CONTINUED)

FS	FC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
19	135	MONROE	IA	92.9	41.0	1.13E+09	2.97E+08	99.6	4.46E+08	50.8	16.5	32.7		4.56E+06
19	137	MONTGOMERY	IA	95.2	41.0	1.09E+09	1.02E+09	93.1	2.22E+08	64.2	4.1	31.6	1.21E+04	1.57E+06
19	139	MUSCATINE	IA	91.1	41.5	1.15E+09	1.01E+09	88.2	2.09E+08	48.3	22.2	29.4	4.52E+04	7.00E+05
19	141	O'BRIEN	IA	95.6	43.1	1.45E+09	1.45E+09	99.5	1.51E+08	52.9	1.6	45.5	2.02E+04	3.93E+05
19	143	OSCEOLA	IA	95.6	43.4	1.03E+09	1.02E+09	99.1	8.99E+07	70.8	1.5	27.7		3.32E+05
19	145	PAGE	IA	95.2	40.8	1.39E+09	1.33E+09	96.0	3.47E+08	65.3	4.6	30.2	5.40E+04	3.21E+06
19	147	PALO ALTO	IA	94.7	43.1	1.45E+09	1.37E+09	94.1	9.63E+07	53.3	11.2	35.6	5.30E+05	9.91E+05
19	149	PLYMOUTH	IA	96.2	42.7	2.24E+09	2.16E+09	96.5	1.59E+08	61.6	2.8	35.6		2.14E+06
19	151	POCAHONTAS	IA	94.7	42.7	1.50E+09	1.45E+09	96.5	1.43E+07	67.4	4.7	27.9		7.28E+04
19	153	POLK	IA	93.6	41.7	1.50E+09	1.10E+09	73.7	1.43E+08	48.5	11.5	40.1	2.06E+05	1.32E+06
19	155	POTTAWATTAMI	IA	95.5	41.3	2.49E+09	2.28E+09	91.6	3.52E+08	72.7	6.8	20.5	1.05E+07	1.83E+06
19	157	POWESHIEK	IA	92.5	41.7	1.53E+09	1.49E+09	97.8	3.62E+08	63.6	6.0	30.4	8.09E+04	2.69E+06
19	159	RINGGOLD	IA	94.3	40.8	1.39E+09	1.30E+09	93.6	5.71E+08	66.3	6.0	27.7		6.92E+06
19	161	SAC	IA	95.1	42.4	1.50E+09	1.49E+09	99.5	2.02E+08	55.3	4.3	40.5	6.39E+05	2.39E+05
19	163	SCOTT	IA	90.6	41.6	1.17E+09	9.39E+08	80.0	1.33E+08	56.7	14.3	29.0	1.03E+06	4.86E+05
19	165	SHELBY	IA	95.3	41.7	1.52E+09	1.52E+09	100.0	3.48E+08	69.7	4.4	25.9		1.04E+06
19	167	SIOUX	IA	96.2	43.1	1.98E+09	1.95E+09	98.2	1.76E+08	69.1	2.4	28.4	3.46E+04	4.94E+05
19	169	STORY	IA	93.5	42.0	1.47E+09	1.38E+09	93.7	1.15E+08	48.0	17.2	34.7	2.63E+05	5.91E+05
19	171	TAMA	IA	92.5	42.1	1.86E+09	1.71E+09	91.6	3.09E+08	58.4	14.2	27.4	8.09E+05	1.63E+06
19	173	TAYLOR	IA	94.7	40.8	1.37E+09	1.25E+09	91.6	4.82E+08	60.7	6.8	32.5		6.37E+06
19	175	UNION	IA	94.3	41.0	1.10E+09	1.03E+09	93.2	4.55E+08	56.0	7.8	36.2	8.90E+05	5.13E+06
19	177	VAN BUREN	IA	91.9	40.8	1.26E+09	1.13E+09	89.6	4.78E+08	41.0	25.9	33.0	8.09E+04	4.95E+06
19	179	WAPELLO	IA	92.4	41.0	1.13E+09	8.85E+08	78.3	2.87E+08	46.6	16.9	36.5	8.09E+03	2.54E+06
19	181	WARREN	IA	93.6	41.3	1.45E+09	1.34E+09	92.8	4.88E+08	51.8	11.6	36.6	5.26E+05	5.30E+06
19	183	WASHINGTON	IA	91.7	41.3	1.47E+09	1.36E+09	92.3	2.74E+08	47.9	16.2	35.9		1.48E+06
19	185	WAYNE	IA	93.3	40.8	1.38E+09	1.22E+09	88.7	5.22E+08	62.5	6.7	30.8		6.19E+06
19	187	WEBSTER	IA	94.2	42.4	1.86E+09	1.74E+09	93.8	1.21E+08	42.7	31.4	25.9		2.23E+05
19	189	WINNEBAGO	IA	93.7	43.4	1.04E+09	1.03E+09	99.0	5.81E+07	61.4	7.2	31.4		1.66E+05
19	191	WINNESHIEK	IA	91.8	43.3	1.78E+09	1.58E+09	88.8	4.93E+08	51.6	24.0	24.4	4.05E+03	5.99E+05
19	193	WOODBURY	IA	96.0	42.4	2.26E+09	2.11E+09	93.4	4.47E+08	58.6	9.9	31.4	1.04E+07	3.10E+06
19	195	WORTH	IA	93.3	43.4	1.04E+09	9.62E+08	92.8	8.67E+07	63.7	6.3	30.0		5.26E+04
19	197	WRIGHT	IA	93.7	42.7	1.49E+09	1.48E+09	99.1	7.27E+07	48.6	17.8	33.6	4.05E+03	1.34E+05
20	0		KS			2.12E+11	1.94E+11	91.6	7.99E+10	19.7	1.7	78.6	8.14E+09	4.44E+08
20	1	ALLEN	KS	95.3	37.9	1.32E+09	1.26E+09	95.4	5.60E+08	38.6	1.8	59.6	7.66E+06	4.71E+06
20	3	ANDERSON	KS	95.3	38.2	1.49E+09	1.40E+09	93.7	6.28E+08	32.8	5.9	61.3	5.99E+05	5.67E+06
20	5	ATCHISON	KS	95.3	39.5	1.11E+09	9.96E+08	90.1	3.55E+08	47.2	8.4	44.4	2.46E+06	5.25E+06
20	7	BARBER	KS	98.7	37.2	2.97E+09	2.78E+09	93.5	1.84E+09	8.5	0.6	90.9	4.39E+06	8.41E+06
20	9	BARTON	KS	98.8	38.5	2.31E+09	2.28E+09	98.6	4.97E+08	40.8	0.6	58.6	8.93E+07	2.70E+06
20	11	BOURBON	KS	94.9	37.9	1.65E+09	1.41E+09	85.3	8.23E+08	28.2	7.4	64.4	1.86E+05	8.13E+06
20	13	BROWN	KS	95.6	39.8	1.50E+09	1.42E+09	95.0	3.69E+08	43.7	5.9	50.4	1.38E+05	5.39E+06
20	15	BUTLER	KS	96.9	37.8	3.73E+09	3.09E+09	82.8	1.92E+09	15.3	1.0	83.7	3.56E+06	1.08E+07
20	17	CHASE	KS	96.6	38.3	2.00E+09	1.73E+09	86.2	1.41E+09	5.5	0.5	94.0	1.05E+05	4.46E+06
20	19	CHAUTAUQUA	KS	96.3	37.1	1.68E+09	1.41E+09	84.3	1.13E+07	10.3	5.4	84.3	6.03E+05	7.87E+06
20	21	CHEROKEE	KS	94.9	37.2	1.52E+09	1.18E+09	78.0	3.46E+08	32.6	6.4	61.1	2.13E+06	3.72E+06
20	23	CHEYENNE	KS	101.7	39.8	2.66E+09	2.43E+09	91.2	9.40E+08	10.9	0.4	88.7	1.45E+08	1.48E+06
20	25	CLARK	KS	99.8	37.2	2.54E+09	2.54E+09	100.0	1.37E+09	4.0		96.0	1.25E+07	2.58E+06
20	27	CLAY	KS	97.2	39.3	1.64E+09	1.55E+09	94.1	5.89E+08	35.8	1.3	62.9	4.06E+07	5.11E+06
20	29	CLOUD	KS	97.7	39.5	1.84E+09	1.74E+09	94.5	5.89E+08	32.4	1.3	66.2	4.70E+07	4.54E+06
20	31	COFFEY	KS	95.7	38.2	1.60E+09	1.53E+09	97.2	7.93E+08	22.3	1.7	76.0	1.89E+06	6.25E+06
20	33	COMANCHE	KS	99.3	37.2	2.07E+09	2.07E+09	100.0	1.39E+09	6.4	0.2	93.4	9.94E+06	2.53E+06
20	35	COWLEY	KS	96.9	37.2	2.94E+09	2.55E+09	86.7	1.56E+09	12.4	1.5	86.1	1.43E+06	9.66E+06

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
20	37	CRAWFORD	KS	94.9	37.5	1.55E+09	1.25E+09	81.4	5.42E+08	38.3	5.1	56.6	3.08E+06	5.75E+06
20	39	DECATUR	KS	100.5	39.8	2.33E+09	2.16E+09	92.7	8.46E+08	20.9	0.5	78.6	3.14E+07	1.59E+06
20	41	DICKINSON	KS	97.2	38.9	2.21E+09	2.21E+09	100.0	7.80E+08	30.5	0.9	68.6	7.38E+06	6.90E+06
20	43	DONIPHAN	KS	95.2	39.8	1.01E+09	9.38E+08	93.2	2.52E+08	38.7	19.3	42.1	1.60E+06	2.83E+06
20	45	DOUGLAS	KS	95.3	38.9	1.22E+09	9.83E+08	80.6	4.36E+08	31.1	10.7	56.2	6.05E+06	4.31E+06
20	47	EDWARDS	KS	99.3	37.9	1.60E+09	1.53E+09	95.9	4.28E+08	14.8	1.1	84.2	9.95E+07	5.34E+05
20	49	ELK	KS	96.3	37.4	1.67E+09	1.28E+09	76.6	1.01E+09	12.5	3.9	83.6	3.93E+05	7.03E+06
20	51	ELLIS	KS	99.3	38.9	2.33E+09	2.20E+09	94.2	1.03E+09	16.0	0.5	83.5	3.06E+07	3.33E+06
20	53	ELLSWORTH	KS	98.2	38.7	1.86E+09	1.65E+09	88.7	7.39E+08	21.6	0.3	78.2	1.96E+06	4.63E+06
20	55	FINNEY	KS	100.7	38.0	3.37E+09	2.71E+09	80.3	8.02E+08	7.7	0.1	92.1	6.10E+08	3.31E+06
20	57	FORD	KS	99.9	37.7	2.83E+09	2.70E+09	95.6	7.23E+08	20.3	0.2	79.5	1.54E+08	1.83E+06
20	59	FRANKLIN	KS	95.3	38.6	1.49E+09	1.24E+09	83.3	5.20E+08	31.7	8.6	59.7	4.02E+06	5.63E+06
20	61	GEARY	KS	96.8	39.0	9.69E+08	6.86E+08	70.8	4.13E+08	12.2	2.4	85.4	3.78E+06	3.23E+06
20	63	GOVE	KS	100.5	38.9	2.77E+09	2.60E+09	93.7	1.20E+09	8.1		91.9	8.53E+07	3.23E+06
20	65	GRAHAM	KS	99.9	39.4	2.31E+09	2.20E+09	95.4	1.08E+09	10.0	0.1	90.0	4.13E+07	5.38E+06
20	67	GRANT	KS	101.3	37.6	1.48E+09	1.30E+09	88.0	2.20E+08	23.9		76.1	3.84E+08	4.73E+05
20	69	GRAY	KS	100.4	37.7	2.24E+09	2.10E+09	93.2	3.96E+08	16.8	0.1	83.0	5.47E+08	1.40E+06
20	71	GREELEY	KS	101.8	38.5	2.03E+09	1.83E+09	90.1	4.27E+08	7.1	0.1	92.8	9.55E+07	3.40E+05
20	73	GREENWOOD	KS	96.2	37.9	2.93E+09	2.76E+09	94.3	2.27E+09	8.0	1.2	90.8	5.59E+06	1.40E+07
20	75	HAMILTON	KS	101.8	38.0	2.57E+09	2.23E+09	86.7	6.18E+08	8.6		91.4	6.44E+07	7.16E+05
20	77	HARPER	KS	98.1	37.2	2.07E+09	2.07E+09	100.0	7.04E+08	25.5	0.5	74.0	3.75E+06	3.84E+06
20	79	HARVEY	KS	97.4	38.0	1.40E+09	1.27E+09	90.9	2.43E+08	39.6	0.9	59.5	3.28E+07	1.38E+06
20	81	KANSAS	KS	100.9	37.6	1.50E+09	1.48E+09	98.6	1.98E+08	10.1		89.9	6.40E+08	1.70E+06
20	83	KIOWA	KS	99.9	38.1	2.73E+09	2.01E+09	90.0	8.88E+08	7.7	0.1	92.3	6.56E+07	1.85E+06
20	85	JACKSON	KS	95.8	39.4	1.70E+09	1.42E+09	83.8	7.15E+08	40.6	2.7	56.6	2.43E+04	6.09E+06
20	87	JEFFERSON	KS	95.4	39.2	1.32E+09	1.11E+09	83.9	4.85E+08	42.2	10.9	46.9	4.33E+06	6.83E+06
20	89	JEWELL	KS	98.2	39.8	2.36E+09	2.11E+09	89.6	8.45E+08	28.2	1.2	70.6	3.33E+07	8.60E+05
20	91	JOHNSON	KS	94.8	38.9	1.23E+09	7.44E+08	60.5	2.71E+08	43.3	8.1	48.7	6.03E+05	3.54E+06
20	93	KEARNY	KS	101.3	38.0	2.21E+09	2.01E+09	90.6	7.01E+08	5.5	0.2	94.3	2.58E+08	8.51E+05
20	95	KINGMAN	KS	98.1	37.6	2.24E+09	2.18E+09	97.2	9.01E+08	15.4	0.4	84.2	1.41E+07	5.05E+06
20	97	KIOWA	KS	99.3	37.5	1.86E+09	1.85E+09	99.0	8.58E+08	12.6	0.1	87.3	7.02E+07	9.87E+05
20	99	LABETTE	KS	95.3	37.2	1.69E+09	1.55E+09	92.5	7.57E+08	29.3	4.5	66.1	1.42E+06	7.00E+06
20	101	LANE	KS	100.5	38.5	1.84E+09	1.84E+09	100.0	6.02E+08	12.8		87.2	6.73E+07	1.02E+06
20	103	LEAVENWORTH	KS	95.0	39.2	1.21E+09	8.82E+08	73.1	3.61E+08	40.7	14.6	44.9	1.43E+05	5.79E+06
20	105	LINCOLN	KS	98.2	39.0	1.88E+09	1.88E+09	100.0	8.74E+08	31.1	0.1	68.8	5.90E+06	6.94E+06
20	107	LINN	KS	94.9	38.2	1.57E+09	1.30E+09	82.8	6.80E+08	33.2	7.8	59.0	1.08E+06	5.50E+06
20	109	LOGAN	KS	101.1	38.9	2.78E+09	2.39E+09	85.9	1.09E+09	10.0	0.2	89.8	5.49E+07	5.30E+05
20	111	LYON	KS	96.2	38.4	2.18E+09	1.87E+09	85.7	1.06E+09	17.7	1.5	80.9	1.93E+06	8.96E+06
20	113	MC PHERSON	KS	97.7	38.4	2.32E+09	2.24E+09	96.5	5.90E+08	34.8	0.9	64.5	5.89E+07	4.39E+06
20	115	MARION	KS	97.1	38.3	2.45E+09	2.22E+09	90.8	8.84E+08	39.3	0.7	59.9	1.73E+06	4.51E+06
20	117	MARSHALL	KS	96.5	39.8	2.29E+09	2.27E+09	99.4	8.57E+08	35.6	3.6	60.8	4.50E+06	5.42E+06
20	119	MEADE	KS	100.4	37.2	2.53E+09	2.53E+09	100.0	1.36E+09	4.8	0.5	94.8	2.99E+08	2.70E+06
20	121	MIAMI	KS	94.8	38.6	1.53E+09	1.22E+09	79.8	5.68E+08	39.7	9.7	50.6	1.26E+06	6.41E+06
20	123	MITCHELL	KS	98.2	39.4	1.85E+09	1.85E+09	100.0	6.06E+08	22.3	0.5	77.2	1.64E+07	5.34E+06
20	125	MONTGOMERY	KS	95.8	37.2	1.43E+09	1.36E+09	83.3	7.19E+08	30.0	5.6	64.5	5.67E+06	4.30E+06
20	127	MORRIS	KS	96.6	38.7	1.81E+09	1.66E+09	92.1	1.02E+09	17.8	0.7	81.5	1.59E+06	5.58E+06
20	129	MORTON	KS	101.8	37.2	1.89E+09	1.81E+09	96.0	7.04E+08	6.6	0.6	92.8	1.05E+08	2.71E+05
20	131	NEMAHA	KS	96.0	39.8	1.83E+09	1.71E+09	93.4	6.85E+08	46.7	2.6	50.7	3.74E+06	5.68E+06
20	133	NEOSHO	KS	95.3	37.6	1.52E+09	1.30E+09	85.4	5.22E+08	37.0	4.1	58.8	6.86E+05	6.11E+06
20	135	NESS	KS	99.9	38.5	2.80E+09	2.79E+09	99.5	1.01E+09	20.5	0.2	79.3	2.37E+07	4.37E+06
20	137	NORTON	KS	99.9	39.8	2.26E+09	1.97E+09	87.3	8.17E+08	19.6	0.7	79.7	2.04E+07	3.60E+06
20	139	OSAGE	KS	95.7	38.6	1.83E+09	1.57E+09	85.5	7.75E+08	25.3	4.0	70.7	2.78E+06	8.29E+06
20	141	OSBORNE	KS	98.8	39.3	2.29E+09	2.28E+09	99.6	1.08E+09	25.0	0.4	74.6	3.04E+07	8.58E+06
20	143	OTTAWA	KS	97.7	39.1	1.87E+09	1.68E+09	89.9	7.23E+08	19.4	0.3	80.3	1.32E+07	6.24E+06
20	145	PAWNEE	KS	99.2	38.2	1.96E+09	1.94E+09	99.4	1.11E+08	100.0			1.39E+08	1.36E+06
20	147	PHILLIPS	KS	99.3	39.8	2.32E+09	2.29E+09	98.8	1.11E+09	15.6	0.7	83.7	2.05E+07	9.04E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
20	149	POTTAWATOMIE	KS	96.3	39.4	2.12E+09	1.89E+09	89.0	1.14E+09	17.0	3.0	80.0	2.38E+07	4.47E+06
20	151	PRATT	KS	98.7	37.6	1.89E+09	1.71E+09	90.7	3.75E+08	27.6		72.3	7.97E+07	9.31E+05
20	153	RAWLINS	KS	101.1	39.8	2.79E+09	2.64E+09	94.6	1.08E+09	15.6	0.4	84.0	5.04E+07	1.45E+06
20	155	RENO	KS	98.1	37.9	3.24E+09	2.94E+09	90.1	8.07E+08	28.2	1.2	70.5	3.57E+07	3.31E+06
20	157	REPUBLIC	KS	97.7	39.8	1.86E+09	1.73E+09	93.3	5.29E+08	39.0	1.8	59.3	1.46E+08	5.21E+06
20	159	RICE	KS	98.2	38.3	1.88E+09	1.85E+09	98.6	5.22E+08	25.0	0.0	74.2	2.49E+07	1.45E+06
20	161	RILEY	KS	96.7	39.3	1.55E+09	1.06E+09	68.8	5.52E+08	23.6	1.5	74.9	8.43E+06	2.93E+06
20	163	ROOKS	KS	99.3	39.4	2.30E+09	2.23E+09	97.1	1.04E+09	14.9	0.5	84.6	9.[illegible]E+06	6.15E+06
20	165	RUSH	KS	99.3	38.5	1.88E+09	1.80E+09	95.8	4.86E+08	27.0	0.2	72.8	3.[illegible]E+07	3.69E+06
20	167	RUSSELL	KS	98.8	38.9	2.25E+09	1.96E+09	87.2	8.77E+08	21.8	0.1	78.1	1.40E+06	4.37E+06
20	169	SALINE	KS	97.7	38.8	1.86E+09	1.74E+09	93.3	7.42E+08	20.4	0.4	79.2	1.55E+07	4.64E+06
20	171	SCOTT	KS	100.9	38.5	1.87E+09	1.87E+09	100.0	5.17E+08	18.0		82.0	3.58E+08	7.69E+05
20	173	SEDGWICK	KS	97.5	37.7	2.61E+09	2.29E+09	87.7	5.21E+08	39.0	1.3	59.7	4.81E+07	6.01E+06
20	175	SEWARD	KS	100.8	37.2	1.47E+09	1.32E+09	78.7	4.02E+08	12.5	0.3	87.2	2.35E+06	4.60E+05
20	177	SHAWNEE	KS	95.8	39.0	1.42E+09	9.91E+08	69.9	4.10E+08	33.9	4.7	61.5	2.02E+07	5.50E+06
20	179	SHERIDAN	KS	100.4	39.4	2.31E+09	2.00E+09	86.5	7.91E+08	10.6		89.3	1.91E+08	3.06E+06
20	181	SHERMAN	KS	101.7	39.4	2.73E+09	2.50E+09	91.4	7.25E+08	10.7		89.3	3.19E+08	1.52E+06
20	183	SMITH	KS	98.8	39.8	2.31E+09	2.26E+09	97.7	9.58E+08	23.5	0.7	75.7	2.98E+07	1.03E+07
20	185	STAFFORD	KS	98.7	38.0	2.06E+09	1.85E+09	89.8	5.09E+08	28.3	0.6	71.1	9.53E+07	7.20E+05
20	187	STANTON	KS	101.8	37.6	1.75E+09	1.75E+09	100.0	3.46E+08	6.0		94.0	5.28E+08	1.11E+06
20	189	STEVENS	KS	101.3	37.2	1.89E+09	1.85E+09	97.5	6.17E+07	100.0			3.52E+08	6.56E+05
20	191	SUMNER	KS	97.5	37.2	3.07E+09	2.91E+09	94.8	6.46E+08	29.7	2.5	67.8	4.37E+06	3.52E+06
20	193	THOMAS	KS	101.0	39.4	2.77E+09	2.77E+09	100.0	7.03E+08	12.4		87.6	1.89E+08	1.78E+06
20	195	TREGO	KS	99.9	38.9	2.33E+09	2.02E+09	86.8	9.09E+08	13.4		86.6	1.15E+07	2.41E+06
20	197	WABAUNSEE	KS	96.2	38.9	2.05E+09	1.73E+09	84.5	1.20E+09	15.2	1.9	82.9	6.96E+06	4.86E+06
20	199	WALLACE	KS	101.8	38.9	2.36E+09	2.05E+09	87.0	9.27E+08	7.7	0.2	92.2	2.04E+08	1.49E+06
20	201	WASHINGTON	KS	97.1	39.8	2.31E+09	2.24E+09	97.0	8.90E+08	30.0	2.3	67.7	2.34E+07	5.66E+06
20	203	WICHITA	KS	101.3	38.5	1.88E+09	1.70E+09	90.7	3.55E+08	13.4	0.1	87.5	4.43E+08	1.10E+06
20	205	WILSON	KS	95.8	37.6	1.49E+09	1.34E+09	90.3	6.51E+08	23.4	4.8	71.9	5.08E+06	4.97E+06
20	207	WOODSON	KS	95.8	37.9	1.29E+09	1.18E+09	91.8	7.55E+08	12.7	2.1	85.2	9.02E+05	5.34E+06
20	209	WYANDOTTE	KS	94.8	39.1	3.74E+08	1.06E+08	28.8	3.79E+07	41.9	7.3	50.8	2.30E+06	4.05E+05
21	0		KY			1.03E+11	5.84E+10	56.9	2.94E+10	61.8	17.8	20.4	4.42E+07	1.71E+08
21	1	ADAIR	KY	85.3	37.1	9.58E+08	6.83E+08	71.3	3.59E+08	67.8	19.4	12.9	1.58E+05	7.61E+05
21	3	ALLEN	KY	86.2	36.8	9.09E+08	6.37E+08	70.1	3.90E+08	59.6	21.6	18.8	1.54E+05	1.49E+06
21	5	ANDERSON	KY	85.0	38.0	5.34E+08	3.60E+08	67.6	2.34E+08	63.9	16.6	19.5	2.67E+05	1.01E+06
21	7	BALLARD	KY	89.0	37.1	6.71E+08	4.70E+08	70.0	1.41E+08	61.8	7.4	30.8	3.32E+05	1.86E+06
21	9	BARREN	KY	85.9	37.0	1.21E+09	1.02E+09	84.0	5.76E+08	73.9	11.6	14.5	9.23E+05	4.52E+06
21	11	BATH	KY	83.7	38.2	7.43E+08	5.31E+08	71.4	3.28E+08	72.4	8.8	18.5	4.09E+05	1.64E+06
21	13	BELL	KY	83.7	36.7	9.58E+08	1.77E+07	1.8	9.38E+06	38.6	46.8	14.6		4.05E+03
21	15	BOONE	KY	84.7	39.0	6.46E+08	4.03E+08	62.3	2.33E+08	55.2	15.0	29.8	1.86E+05	1.91E+06
21	17	BOURBON	KY	84.2	38.2	7.77E+08	7.53E+08	96.9	4.91E+08	75.9	2.1	22.0	1.44E+06	3.24E+06
21	19	BOYD	KY	82.7	38.4	4.13E+08	1.23E+08	29.9	8.27E+07	42.0	35.3	22.7	1.21E+04	6.88E+04
21	21	BOYLE	KY	84.9	37.6	4.75E+08	4.36E+08	91.9	2.63E+08	71.0	8.0	20.9	1.98E+05	1.96E+06
21	23	BRACKEN	KY	84.1	38.7	5.28E+08	4.27E+08	80.9	2.87E+08	59.2	17.9	23.0	1.38E+05	1.16E+06
21	25	BREATHITT	KY	83.3	37.5	1.28E+09	2.21E+08	17.3	9.37E+07	34.5	36.0	29.5		2.43E+04
21	27	BRECKINRIDGE	KY	86.4	37.8	1.46E+09	1.20E+09	83.8	6.45E+08	54.9	25.7	19.4	1.74E+05	3.72E+06
21	29	BULLITT	KY	85.7	38.0	7.77E+08	3.19E+08	41.1	1.72E+08	50.1	27.6	22.4	3.24E+04	7.69E+05
21	31	BUTLER	KY	86.7	37.2	1.15E+09	6.39E+08	55.7	3.00E+08	52.7	27.5	19.8	4.05E+03	1.04E+06
21	33	CALDWELL	KY	87.9	37.1	9.24E+08	5.73E+08	62.0	2.38E+08	70.2	17.6	12.2	5.67E+04	1.46E+06
21	35	CALLOWAY	KY	88.3	36.6	9.95E+08	6.47E+08	65.1	1.84E+08	52.4	24.5	23.2		9.31E+05
21	37	CAMPBELL	KY	84.4	39.0	3.86E+08	1.81E+08	46.8	1.07E+08	60.0	11.0	28.9	1.78E+05	4.78E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
21	39	CARLISLE	KY	89.0	36.9	5.06E+08	3.53E+08	69.9	1.37E+08	66.9	15.3	17.9	1.21E+04	1.50E+06
21	41	CARROLL	KY	85.1	38.7	3.37E+08	2.39E+08	70.7	1.58E+08	45.6	27.8	26.7	1.51E+06	1.10E+06
21	43	CARTER	KY	83.0	38.3	1.03E+09	4.74E+08	46.1	2.68E+08	46.7	36.4	17.4	1.21E+05	5.14E+05
21	45	CASEY	KY	84.9	37.3	1.13E+09	7.64E+08	67.8	3.81E+08	61.3	24.3	14.5	5.26E+04	1.00E+06
21	47	CHRISTIAN	KY	87.5	36.9	1.88E+09	1.23E+09	65.6	4.34E+08	62.6	17.6	19.8	2.23E+05	3.83E+06
21	49	CLARK	KY	84.1	38.0	6.71E+08	5.69E+08	84.9	4.06E+08	69.3	8.7	22.0	8.50E+05	2.64E+06
21	51	CLAY	KY	83.7	37.2	1.23E+09	3.64E+08	29.7	1.81E+08	32.4	50.5	17.1	8.09E+04	1.01E+05
21	53	CLINTON	KY	85.1	36.7	4.91E+08	3.53E+08	71.9	2.08E+08	55.8	20.1	24.1	1.29E+05	4.49E+05
21	55	CRITTENDEN	KY	88.1	37.4	9.44E+08	5.76E+08	[illegible]	3.06E+08	56.4	18.3	25.3		1.43E+06
21	57	CUMBERLAND	KY	85.4	36.8	8.02E+08	5.65E+08	[illegible].5	2.53E+08	48.5	31.3	20.2	4.86E+04	5.30E+05
21	59	DAVIESS	KY	87.1	37.7	1.20E+09	9.27E+08	77.5	2.39E+08	59.9	13.4	26.7	1.15E+06	2.04E+06
21	61	EDMONSON	KY	86.2	37.2	7.72E+08	3.92E+08	50.8	2.02E+08	58.3	27.0	14.7	4.05E+03	8.05E+05
21	63	ELLIOTT	KY	83.1	38.1	6.22E+08	3.07E+08	49.4	1.34E+08	59.6	36.5	4.0	2.43E+04	2.79E+05
21	65	ESTILL	KY	84.0	37.7	6.73E+08	2.98E+08	44.3	1.36E+08	45.7	26.9	27.4	4.05E+03	2.35E+05
21	67	FAYETTE	KY	84.5	38.0	7.26E+08	6.28E+08	86.6	4.33E+08	62.9	2.0	35.0	9.19E+05	2.34E+06
21	69	FLEMING	KY	83.7	38.4	9.06E+08	7.44E+08	82.1	4.33E+08	65.1	10.5	24.4	1.25E+05	2.40E+06
21	71	FLOYD	KY	82.7	37.6	1.03E+09	7.67E+07	7.4	2.54E+07	42.3	13.7	44.0	1.62E+04	1.62E+04
21	73	FRANKLIN	KY	84.9	38.2	5.46E+08	4.03E+08	73.8	2.69E+08	56.1	22.5	21.4	7.94E+05	1.29E+06
21	75	FULTON	KY	89.1	36.6	5.26E+08	4.07E+08	77.5	6.76E+07	79.6	10.3	10.1		8.66E+05
21	77	GALLATIN	KY	84.9	38.7	2.56E+08	1.89E+08	73.4	1.13E+08	42.7	29.5	27.8	6.07E+05	7.89E+05
21	79	GARRARD	KY	84.5	37.6	6.12E+08	5.59E+08	91.3	3.88E+08	76.2	6.8	17.0	2.55E+05	2.91E+06
21	81	GRANT	KY	84.6	38.6	6.44E+08	5.19E+08	80.6	3.39E+08	63.9	15.0	21.1	7.41E+05	1.88E+06
21	83	GRAVES	KY	88.6	36.7	1.45E+09	1.01E+09	69.7	2.62E+08	63.5	15.7	20.8	2.23E+05	3.39E+06
21	85	GRAYSON	KY	86.3	37.5	1.28E+09	8.89E+08	69.2	4.73E+08	64.8	19.2	16.0	1.62E+05	1.92E+06
21	87	GREEN	KY	85.6	37.3	7.30E+08	6.03E+08	82.5	3.24E+08	68.1	18.9	13.0	3.16E+05	1.46E+06
21	89	GREENUP	KY	82.9	38.4	9.08E+08	3.64E+08	40.1	1.85E+08	37.4	45.3	17.3	1.70E+05	1.82E+05
21	91	HANCOCK	KY	86.8	37.8	4.84E+08	2.65E+08	54.6	1.14E+08	55.5	22.7	21.8	2.23E+05	7.00E+05
21	93	HARDIN	KY	86.0	37.7	1.60E+09	9.55E+08	59.9	4.74E+08	68.9	13.3	17.9	2.35E+05	2.38E+06
21	95	HARLAN	KY	83.2	36.9	1.21E+09	2.71E+07	2.2	1.41E+07	13.6	27.0	59.5		9.02E+04
21	97	HARRISON	KY	84.3	38.4	7.98E+08	7.02E+08	88.0	4.90E+08	62.8	10.4	26.9	2.51E+06	3.08E+06
21	99	HART	KY	85.9	37.3	1.09E+09	7.59E+08	69.8	4.16E+08	66.6	17.1	16.3	1.54E+05	2.98E+06
21	101	HENDERSON	KY	87.6	37.8	1.12E+09	8.78E+08	78.3	2.39E+08	63.8	13.2	23.0	1.09E+05	2.75E+06
21	103	HENRY	KY	85.1	38.4	7.49E+08	6.18E+08	82.5	3.80E+08	65.5	14.2	20.4	3.96E+04	3.98E+06
21	105	HICKMAN	KY	88.9	36.7	6.37E+08	4.29E+08	67.3	1.17E+08	67.3	8.5	24.2	2.02E+04	1.54E+06
21	107	HOPKINS	KY	87.5	37.3	1.43E+09	6.57E+08	46.0	1.90E+08	64.4	15.1	20.5	4.86E+04	1.55E+06
21	109	JACKSON	KY	84.0	37.4	8.73E+08	3.77E+08	43.1	1.66E+08	56.3	24.0	17.6	4.86E+04	8.54E+05
21	111	JEFFERSON	KY	85.7	38.2	9.71E+08	3.03E+08	31.4	1.59E+08	59.0	16.9	24.1	2.42E+06	9.91E+05
21	113	JESSAMINE	KY	84.6	37.9	4.58E+08	3.63E+08	79.3	2.25E+08	73.1	8.1	18.8	2.43E+05	1.31E+06
21	115	JOHNSON	KY	82.8	37.8	6.84E+08	1.24E+08	18.1	5.14E+07	36.2	36.2	27.6		8.09E+03
21	117	KENTON	KY	84.5	38.9	4.28E+08	1.83E+08	42.8	1.20E+08	56.6	13.6	29.8	1.46E+05	5.95E+05
21	119	KNOTT	KY	83.0	37.4	9.22E+08	1.78E+07	1.9	3.15E+06	66.5		33.5		
21	121	KNOX	KY	83.8	36.9	9.36E+08	2.60E+08	26.9	1.10E+08	40.8	24.0	35.2	4.45E+04	1.25E+05
21	123	LARUE	KY	85.7	37.5	6.73E+08	5.41E+08	80.3	2.64E+08	74.7	12.6	12.7	3.23E+05	1.64E+06
21	125	LAUREL	KY	84.1	37.1	1.17E+09	4.25E+08	36.8	2.36E+08	63.1	24.6	12.2	4.45E+04	8.70E+05
21	127	LAWRENCE	KY	82.7	38.1	1.10E+09	2.86E+08	26.0	1.43E+08	36.1	36.8	27.1	8.50E+04	1.54E+05
21	129	LEE	KY	83.7	37.6	5.44E+08	9.50E+07	17.5	3.60E+07	51.2	34.4	14.1		9.31E+04
21	131	LESLIE	KY	83.4	37.1	1.06E+09	2.42E+07	2.3	8.01E+06	79.5		20.5		
21	133	LETCHER	KY	82.8	37.1	8.78E+08	1.83E+07	2.1	4.98E+06	100.0				
21	135	LEWIS	KY	83.4	38.5	1.26E+09	6.89E+08	54.7	3.00E+08	41.5	37.8	20.7	5.26E+04	8.42E+05
21	137	LINCOLN	KY	84.7	37.5	8.81E+08	7.65E+08	86.9	4.54E+08	67.2	12.4	20.4	5.91E+05	2.97E+06
21	139	LIVINGSTON	KY	88.4	37.2	8.03E+08	5.61E+08	69.6	3.19E+08	56.2	18.2	25.6	2.95E+05	1.69E+06
21	141	LOGAN	KY	86.9	36.9	1.46E+09	1.12E+09	77.1	4.50E+08	65.3	18.0	16.7	4.05E+04	3.35E+06
21	143	LYON	KY	88.1	37.0	5.59E+08	2.27E+08	40.6	1.12E+08	48.1	15.0	16.9	7.08E+05	8.09E+05
21	145	MC CRACKEN	KY	88.7	37.1	6.46E+08	3.04E+08	47.0	8.54E+07	48.2	13.4	18.2	4.57E+05	9.55E+05
21	147	MC CREARY	KY	84.5	36.7	1.08E+09	5.99E+07	5.5	1.57E+07	82.5	2.7	14.8		2.02E+04
21	149	MC LEAN	KY	87.3	37.5	6.66E+08	5.41E+08	81.3	1.7 +08	40.0	13.9	26.1	5.26E+04	1.16E+06

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
21	151	MADISON	KY	84.3	37.7	1.15E+09	7.26E+08	80.2	6.46E+08	67.4	12.8	19.8	3.40E+05	3.69E+06
21	153	MAGOFFIN	KY	83.1	37.7	7.85E+08	3.77E+08	35.3	9.04E+07	46.8	33.4	19.7	7.69E+04	4.05E+04
21	155	MARION	KY	85.3	37.3	8.88E+08	7.31E+08	81.1	4.14E+08	65.2	16.1	18.7	6.68E+05	3.26E+06
21	157	MARSHALL	KY	88.3	36.9	7.84E+08	3.47E+08	46.8	1.43E+08	62.2	20.6	17.2	3.20E+05	8.74E+05
21	159	MARTIN	KY	82.5	37.8	5.98E+08	1.66E+07	2.8	5.52E+06	42.4	44.4	13.2	2.43E+04	4.05E+03
21	161	MASON	KY	83.8	38.6	5.15E+08	5.75E+08	93.5	3.40E+08	73.7	7.9	19.4	8.50E+04	1.80E+06
21	163	MEADE	KY	86.2	37.9	7.90E+08	4.82E+08	61.1	2.28E+08	63.0	19.3	17.7		1.72E+06
21	165	MENIFEE	KY	83.6	37.9	5.44E+08	1.83E+08	33.7	7.93E+07	43.5	25.3	12.2	8.09E+03	4.13E+05
21	167	MERCER	KY	84.9	37.8	6.62E+08	5.47E+08	82.6	3.61E+08	71.2	6.6	22.1	3.40E+05	2.01E+06
21	169	METCALFE	KY	85.6	37.0	7.67E+08	5.70E+08	74.4	2.71E+08	57.2	24.2	18.6	4.49E+05	1.36E+06
21	171	MONROE	KY	85.7	36.7	8.65E+08	6.94E+08	80.2	3.92E+08	58.1	25.4	16.6	3.72E+05	9.97E+05
21	173	MONTGOMERY	KY	83.9	38.0	5.28E+08	4.52E+08	85.5	2.95E+08	72.8	7.7	19.5	1.05E+05	1.49E+06
21	175	MORGAN	KY	83.3	37.9	9.56E+08	4.57E+08	47.8	2.01E+08	46.8	30.2	23.0	3.64E+05	5.95E+05
21	177	MUHLENBERG	KY	87.1	37.2	1.24E+09	4.64E+08	37.3	1.80E+08	60.3	20.7	19.0		1.13E+06
21	179	NELSON	KY	85.5	37.8	1.13E+09	8.14E+08	71.9	4.09E+08	67.4	14.6	18.0	2.63E+05	3.51E+06
21	181	NICHOLAS	KY	84.0	38.3	5.28E+08	4.57E+08	86.5	3.16E+08	64.0	15.4	20.6	4.45E+05	1.48E+06
21	183	OHIO	KY	86.8	37.5	1.54E+09	7.36E+08	47.7	2.69E+08	63.8	18.3	17.9	5.95E+05	1.76E+06
21	185	OLDHAM	KY	85.5	38.4	4.76E+08	3.78E+08	79.5	2.05E+08	51.1	14.4	34.6	4.21E+05	1.56E+06
21	187	OWEN	KY	84.8	38.5	9.09E+08	6.90E+08	75.9	4.74E+08	55.4	24.7	19.8	1.45E+06	2.31E+06
21	189	OWSLEY	KY	83.7	37.4	5.10E+08	1.56E+08	30.5	3.95E+07	41.7	29.4	19.0	1.21E+04	4.47E+04
21	191	PENDLETON	KY	84.4	38.7	7.33E+08	5.19E+08	71.8	3.80E+08	43.8	13.7	33.6	8.82E+05	1.36E+06
21	193	PERRY	KY	83.2	37.2	9.83E+08	2.34E+07	2.6	5.55E+06	72.9	20.5	6.6		1.21E+04
21	195	PIKE	KY	82.4	37.5	2.03E+09	5.26E+07	2.6	8.99E+06	55.7	44.3			1.21E+04
21	197	POWELL	KY	83.8	37.8	4.48E+08	2.03E+08	45.4	7.01E+07	68.9	14.2	16.9	2.43E+04	2.87E+05
21	199	PULASKI	KY	84.6	37.1	1.69E+09	9.17E+08	54.2	4.69E+08	71.1	14.6	14.3	1.78E+05	1.81E+06
21	201	ROBERTSON	KY	84.0	38.5	2.62E+08	2.11E+08	80.6	1.35E+08	63.1	11.3	25.6	1.34E+05	5.34E+05
21	203	ROCKCASTLE	KY	84.3	37.4	8.05E+08	4.34E+08	53.9	3.22E+08	57.8	25.9	16.2	3.24E+04	4.90E+05
21	205	ROWAN	KY	83.4	38.2	7.51E+08	2.41E+08	32.1	1.11E+08	51.6	34.8	13.6	8.09E+03	4.83E+05
21	207	RUSSELL	KY	85.1	37.0	6.17E+08	4.10E+08	66.4	2.04E+08	66.0	18.8	15.1	4.29E+05	7.12E+05
21	209	SCOTT	KY	84.6	38.3	7.36E+08	6.79E+08	92.3	4.55E+08	61.7	9.2	29.1	1.71E+05	2.49E+06
21	211	SHELBY	KY	85.2	38.2	9.92E+08	8.00E+08	80.7	4.75E+08	67.9	11.9	20.2	2.36E+06	8.71E+06
21	213	SIMPSON	KY	86.6	36.7	6.19E+08	5.31E+08	85.9	1.64E+08	68.7	9.9	21.4	2.27E+05	1.83E+06
21	215	SPENCER	KY	85.3	38.0	3.00E+08	4.14E+08	82.7	2.35E+08	63.4	13.7	22.9	2.78E+05	2.30E+06
21	217	TAYLOR	KY	85.3	37.4	7.17E+08	4.92E+08	68.6	2.55E+08	61.8	23.7	14.5	3.64E+05	1.19E+06
21	219	TODD	KY	87.2	36.8	9.73E+08	7.57E+08	77.8	2.48E+08	63.8	17.4	18.8	4.17E+05	2.48E+06
21	221	TRIGG	KY	87.9	36.8	1.06E+09	5.68E+08	53.8	2.43E+08	64.9	15.3	19.8	4.01E+05	1.51E+06
21	223	TRIMBLE	KY	85.3	38.6	3.78E+08	2.76E+08	72.9	1.45E+08	38.6	36.5	24.9	6.03E+05	1.52E+06
21	225	UNION	KY	87.9	37.7	8.82E+08	8.20E+08	93.0	2.51E+08	51.8	13.4	35.8	3.24E+04	3.44E+06
21	227	WARREN	KY	86.4	37.0	1.41E+09	1.07E+09	75.7	5.99E+08	70.2	16.7	13.1	3.84E+05	3.81E+06
21	229	WASHINGTON	KY	85.2	37.8	7.95E+08	6.56E+08	82.5	4.30E+08	69.7	11.6	18.7	7.12E+05	3.39E+06
21	231	WAYNE	KY	84.8	36.8	1.14E+09	5.87E+08	51.5	2.09E+08	62.5	23.6	13.7	8.09E+03	9.75E+05
21	233	WEBSTER	KY	87.7	37.5	8.77E+08	6.67E+08	76.0	1.89E+08	56.3	21.1	22.5	6.92E+05	2.14E+06
21	235	WHITLEY	KY	84.1	36.8	1.19E+09	2.04E+08	17.2	1.20E+08	47.8	25.5	26.6		1.58E+05
21	237	WOLFE	KY	83.5	37.7	5.80E+08	2.89E+08	49.2	1.29E+08	51.1	33.8	15.1	4.45E+04	2.14E+05
21	239	WOODFORD	KY	84.7	38.0	5.00E+08	5.00E+08	100.0	3.36E+08	70.7	4.3	25.0	1.89E+06	1.51E+06
22	0		LA			1.16E+11	3.70E+10	31.7	1.44E+10	40.3	19.1	40.9	3.84E+09	7.09E+07
22	1	ACADIA	LA	92.4	30.3	1.72E+09	1.36E+09	79.1	2.56E+08	58.0	11.3	30.8	4.69E+08	7.04E+05
22	3	ALLEN	LA	92.8	30.7	3.01E+09	6.03E+08	30.1	1.74E+08	22.8	28.4	48.8	1.46E+08	4.98E+05
22	5	ASCENSION	LA	90.9	30.2	7.80E+08	2.28E+08	29.3	7.75E+07	44.0	15.7	40.2	1.58E+05	1.21E+05
22	7	ASSUMPTION	LA	91.1	29.9	9.21E+08	3.10E+08	33.7	3.86E+07	16.2	78.8	5.0	2.16E+06	7.69E+04
22	9	AVOYELLES	LA	92.0	31.1	3.15E+09	1.06E+09	49.1	2.66E+08	49.3	10.7	40.0	2.39E+07	1.49E+06

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M#S2	FARM LAND M#S2	% OF TOTAL	TOT. PASTURE M#S2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M#S2	AGRICULTURAL POND AREA(M#S2)
22	11	BEAUREGARD	LA	93.4	30.7	3.67E+09	6.46E+08	21.1	3.77E+08	22.8	54.2	23.1	2.30E+07	1.54E+06
22	13	BIENVILLE	LA	93.0	32.4	2.16E+09	2.47E+08	11.4	1.39E+08	50.5	22.9	26.6	8.09E+03	7.69E+05
22	15	BOSSIER	LA	93.6	32.7	2.20E+09	5.28E+08	24.0	3.30E+08	38.2	22.1	39.6	1.51E+06	9.38E+05
22	17	CADDO	LA	93.9	32.6	2.33E+09	1.02E+09	43.7	5.89E+08	31.9	16.6	51.6	5.88E+04	2.25E+06
22	19	CALCASIEU	LA	93.3	30.2	2.86E+09	1.65E+09	57.7	7.96E+08	23.9	17.6	59.6	3.27E+08	3.57E+06
22	21	CALDWELL	LA	92.1	32.1	1.43E+09	2.45E+08	17.1	8.01E+07	33.7	25.1	41.2	5.03E+06	2.99E+05
22	23	CAMERON	LA	93.2	29.9	3.73E+09	9.93E+08	26.6	8.01E+08	20.1	5.1	74.7	7.03E+07	2.04E+06
22	25	CATAHOULA	LA	91.8	31.7	1.92E+09	8.36E+08	43.5	1.60E+08	46.0	21.8	32.3	1.96E+06	1.43E+06
22	27	CLAIBORNE	LA	93.0	32.8	1.98E+09	3.65E+08	18.5	2.34E+08	43.1	32.9	23.9		1.41E+06
22	29	CONCORDIA	LA	91.6	31.5	1.86E+09	8.87E+08	47.7	2.30E+08	25.1	7.9	66.9		3.97E+05
22	31	DE SOTO	LA	93.7	32.1	2.32E+09	7.59E+08	32.8	5.53E+08	41.7	24.9	33.3	6.88E+04	3.77E+06
22	33	EAST BATON R	LA	91.1	30.5	1.19E+09	5.00E+08	42.0	3.58E+08	44.2	21.9	33.9	5.47E+05	1.16E+06
22	35	EAST CARROLL	LA	91.2	32.7	1.13E+09	9.36E+08	82.1	7.07E+07	29.3	1.4	69.3	1.54E+07	8.09E+05
22	37	EAST FELICIA	LA	91.0	30.8	1.18E+09	6.27E+08	53.4	4.19E+08	40.3	29.6	30.1	5.54E+05	3.16E+06
22	39	EVANGELINE	LA	92.4	30.7	1.73E+09	8.37E+08	48.3	3.01E+08	44.5	16.5	39.0	2.03E+08	1.19E+06
22	41	FRANKLIN	LA	91.7	32.1	1.68E+09	1.23E+09	73.6	3.03E+08	45.8	16.6	37.5	3.16E+07	5.16E+06
22	43	GRANT	LA	92.6	31.6	1.73E+09	2.25E+08	12.9	1.41E+08	42.3	27.8	29.9	1.34E+05	4.21E+05
22	45	IBERIA	LA	91.7	30.0	1.53E+09	4.47E+08	29.3	7.08E+07	56.0	7.3	36.7	2.24E+07	1.14E+06
22	47	IBERVILLE	LA	91.4	30.3	1.62E+09	4.48E+08	27.6	1.82E+08	37.4	26.5	36.2	1.50E+05	3.60E+05
22	49	JACKSON	LA	92.6	32.3	1.51E+09	1.56E+08	10.3	8.97E+07	49.2	39.5	11.3		3.93E+05
22	51	JEFFERSON	LA	90.1	29.7	9.57E+08	3.08E+07	3.2	2.11E+07	12.3		87.7	2.43E+06	2.02E+04
22	53	JEFFERSON DA	LA	92.8	30.3	1.70E+09	1.33E+09	78.0	2.55E+08	65.6	6.0	28.4	4.91E+08	3.08E+05
22	55	LAFAYETTE	LA	92.1	30.2	7.33E+08	4.51E+08	61.6	1.69E+08	66.0	2.9	31.1	6.04E+07	4.45E+05
22	57	LAFOURCHE	LA	90.4	29.6	2.95E+09	8.25E+08	27.9	2.06E+08	26.0	5.3	68.7	1.02E+06	1.58E+05
22	59	LA SALLE	LA	92.2	31.7	1.67E+09	7.03E+07	4.2	4.00E+07	39.2	41.7	19.2		6.47E+04
22	61	LINCOLN	LA	92.7	32.6	1.21E+09	2.63E+08	21.7	1.70E+08	44.3	29.8	25.9	2.43E+04	8.26E+05
22	63	LIVINGSTON	LA	90.7	30.4	1.69E+09	1.75E+08	10.4	1.33E+08	40.6	46.8	13.2	8.58E+05	6.56E+05
22	65	MADISON	LA	91.2	32.4	1.71E+09	9.64E+08	56.3	6.98E+07	30.0	5.6	64.3	2.17E+06	1.55E+06
22	67	MOREHOUSE	LA	91.8	32.8	2.08E+09	1.14E+09	54.6	2.67E+08	30.3	9.4	64.3	1.38E+08	1.54E+06
22	69	NATCHITOCHES	LA	93.1	31.7	3.35E+09	1.02E+09	30.4	4.67E+08	32.4	10.6	56.9	4.86E+05	1.14E+06
22	71	ORLEANS	LA	89.9	30.0	1.65E+09								1.14E+06
22	73	OUACHITA	LA	92.2	32.5	1.65E+09	3.67E+08	22.2	1.22E+08	40.0	29.0	31.1	1.09E+07	1.14E+06
22	75	PLAQUEMINES	LA	89.6	29.5	2.67E+09	1.54E+08	5.8	1.45E+08	15.8	0.9	83.2	2.55E+05	
22	77	POINTE COUPE	LA	91.6	30.7	1.46E+09	7.95E+08	54.5	3.79E+08	37.4	15.3	47.3	1.87E+06	1.94E+05
22	79	RAPIDES	LA	92.5	31.2	3.41E+09	8.65E+08	25.3	3.97E+08	46.3	22.0	31.7	1.14E+07	7.77E+05
22	81	RED RIVER	LA	93.3	32.1	1.05E+09	4.86E+08	46.2	3.03E+08	36.5	8.9	54.6		6.96E+05
22	83	RICHLAND	LA	91.8	32.4	1.49E+09	1.11E+09	74.3	2.48E+08	43.2	14.6	40.2	3.32E+07	1.38E+06
22	85	SABINE	LA	93.6	31.6	3.26E+09	3.61E+08	11.5	1.61E+08	42.7	18.1	19.3		1.31E+06
22	87	ST BERNARD	LA	89.5	29.9	1.33E+09	3.03E+07	2.3	2.36E+07	9.2		90.8	4.05E+03	
22	89	ST CHARLES	LA	90.4	29.9	7.62E+08	2.31E+08	30.3	1.75E+08	9.8	14.8	75.4	1.42E+04	2.43E+04
22	91	ST HELENA	LA	90.7	30.8	1.09E+09	2.75E+08	25.3	1.76E+08	54.9	20.6	24.5	7.28E+04	1.48E+06
22	93	ST JAMES	LA	90.8	30.0	6.56E+08	1.90E+08	29.0	1.59E+07	31.9	57.2	10.9	4.17E+06	
22	95	ST JOHN THE	LA	90.5	30.1	5.87E+08	1.07E+08	18.5	8.17E+06	27.9		72.1	2.43E+04	4.05E+03
22	97	ST LANDRY	LA	92.0	30.6	2.41E+09	1.25E+09	51.8	3.08E+08	63.7	7.6	28.7	9.38E+07	9.15E+05
22	99	ST MARTIN	LA	91.3	29.9	1.91E+09	3.70E+08	19.4	1.09E+08	57.5	15.4	27.1	2.06E+07	4.62E+06
22	101	ST MARY	LA	91.4	29.7	1.61E+09	4.76E+08	29.5	1.50E+07	30.1	51.2	18.7	5.91E+06	5.46E+05
22	103	ST TAMMANY	LA	89.9	30.5	2.30E+09	2.63E+08	11.5	1.47E+08	39.5	11.2	49.3	4.47E+06	2.40E+06
22	105	TANGIPAHOA	LA	90.4	30.7	3.09E+09	6.06E+08	29.0	4.11E+08	55.1	22.0	22.9	3.88E+06	3.74E+06
22	107	TENSAS	LA	91.3	32.0	1.62E+09	9.26E+08	57.1	2.72E+08	22.3	23.9	53.8	4.55E+06	1.50E+05
22	109	TERREBONNE	LA	90.8	29.4	3.54E+09	2.44E+08	6.9	5.78E+07	46.9	11.9	41.2		1.70E+05
22	111	UNION	LA	92.4	32.8	2.35E+09	3.08E+08	13.1	1.61E+08	53.8	20.8	25.4		1.19E+06
22	113	VERMILION	LA	92.3	29.9	3.12E+09	1.52E+09	48.6	4.70E+08	64.3	5.0	30.7	5.82E+08	3.97E+05
22	115	VERNON	LA	93.2	31.1	3.53E+09	3.70E+08	10.5	2.89E+08	23.0	66.3	10.8	1.58E+06	7.12E+05
22	117	WASHINGTON	LA	90.0	30.9	1.72E+09	5.10E+08	29.6	2.86E+08	65.6	18.0	16.4	1.86E+05	2.84E+06
22	119	WEBSTER	LA	93.3	32.7	1.59E+09	3.34E+08	21.0	2.24E+08	48.5	22.1	29.5	4.05E+03	1.51E+06
22	121	WEST BATON R	LA	91.3	30.5	5.26E+08	1.52E+08	28.9	2.72E+07	58.1	20.8	21.1	8.09E+03	1.21E+04

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
22	123	WEST CARROLL	LA	91.5	32.8	9.22E+08	7.47E+08	81.0	1.44E+08	62.6	13.0	24.3	1.30E+07	1.15E+06
22	125	WEST FELICIA	LA	91.4	30.9	1.05E+09	5.06E+08	48.3	3.65E+08	34.8	42.0	23.1	1.62E+04	1.32E+06
22	127	WINN	LA	92.6	31.9	2.46E+09	1.18E+08	4.8	8.13E+07	35.3	38.1	26.6		4.94E+05
23	0		ME			8.01E+10	6.17E+09	7.7	1.08E+09	37.6	38.5	23.9	2.51E+07	5.09E+06
23	1	ANDROSCOGGIN	ME	70.2	44.2	1.23E+09	3.77E+08	23.6	6.68E+07	42.2	38.6	19.2	4.13E+05	2.35E+05
23	3	AROOSTOOK	ME	68.6	46.7	1.77E+10	1.81E+09	10.3	2.03E+08	28.0	43.8	28.2	1.01E+07	1.31E+06
23	5	CUMBERLAND	ME	70.4	43.9	2.28E+09	2.58E+08	11.3	4.80E+07	48.7	27.2	24.2	4.56E+06	5.26E+05
23	7	FRANKLIN	ME	70.4	45.0	4.43E+09	1.89E+08	4.3	4.72E+07	37.0	30.1	32.9	8.09E+04	5.67E+04
23	9	HANCOCK	ME	68.4	44.7	3.98E+09	1.72E+08	4.3	1.36E+07	28.1	51.5	20.5	2.71E+05	4.05E+04
23	11	KENNEBEC	ME	69.8	44.4	2.26E+09	4.97E+08	22.0	1.19E+08	40.5	33.4	26.1	4.07E+04	3.60E+05
23	13	KNOX	ME	69.2	44.2	9.55E+08	1.32E+08	13.8	2.43E+07	54.3	24.6	21.6	2.59E+05	1.25E+05
23	15	LINCOLN	ME	69.5	44.1	1.18E+09	1.18E+08	10.0	3.12E+07	47.8	27.7	24.5	1.42E+05	1.34E+05
23	17	OXFORD	ME	70.8	44.5	5.39E+09	3.42E+08	6.3	6.93E+07	41.3	44.9	13.8	2.45E+06	1.21E+05
23	19	PENOBSCOT	ME	68.7	45.4	8.78E+09	6.14E+08	7.0	1.10E+08	40.4	35.2	24.4	3.38E+06	1.04E+06
23	21	PISCATAQUIS	ME	69.3	45.8	1.01E+10	1.59E+08	1.6	4.42E+07	28.1	30.2	41.7	8.09E+04	6.47E+04
23	23	SAGADAHOC	ME	69.9	44.0	6.66E+08	5.82E+07	8.7	1.15E+07	46.4	39.8	13.9	2.10E+05	4.86E+04
23	25	SOMERSET	ME	70.0	45.5	1.01E+10	5.01E+08	5.0	1.11E+08	45.7	37.5	16.6	2.95E+05	1.86E+05
23	27	WALDO	ME	69.2	44.5	1.91E+09	3.75E+08	19.6	7.74E+07	38.4	37.7	23.9	4.01E+05	2.91E+05
23	29	WASHINGTON	ME	67.6	45.0	4.61E+09	3.42E+08	5.2	4.01E+07	18.8	64.0	17.2	8.50E+04	9.31E+04
23	31	YORK	ME	70.7	43.5	2.59E+09	3.16E+08	12.2	7.44E+07	39.8	41.1	20.1	2.42E+06	4.61E+05
24	0		MD			2.56E+10	1.07E+10	41.6	2.09E+09	49.9	19.5	30.6	9.14E+07	1.35E+07
24	1	ALLEGANY	MD	78.7	39.6	1.11E+09	1.73E+08	15.6	7.78E+07	36.9	38.7	24.4	2.23E+05	7.28E+04
24	3	ANNE ARUNDEL	MD	76.6	39.0	1.10E+09	2.03E+08	18.6	3.65E+07	50.2	25.1	24.7	1.56E+06	2.83E+05
24	5	BALTIMORE	MD	76.6	39.5	1.95E+09	4.55E+08	23.3	1.29E+08	58.4	10.6	31.0	1.09E+06	5.87E+05
24	9	CALVERT	MD	76.6	38.6	5.61E+08	2.25E+08	40.2	5.25E+07	28.8	50.2	21.0	8.38E+05	2.91E+05
24	11	CAROLINE	MD	75.8	38.9	8.32E+08	5.21E+08	62.6	2.98E+07	41.5	29.4	29.1	3.06E+07	4.53E+05
24	13	CARROLL	MD	77.0	39.6	1.18E+09	7.38E+08	62.5	1.67E+08	46.0	10.0	44.0	2.39E+05	8.70E+05
24	15	CECIL	MD	75.9	39.6	9.37E+08	4.01E+08	42.8	8.48E+07	61.2	11.2	27.6	8.22E+05	7.12E+05
24	17	CHARLES	MD	77.0	38.5	1.19E+09	3.66E+08	30.7	7.38E+07	41.3	39.2	19.4	3.33E+06	5.58E+05
24	19	DORCHESTER	MD	76.0	38.5	1.54E+09	5.96E+08	38.8	2.55E+07	18.5	46.7	34.7	1.13E+07	4.23E+05
24	21	FREDERICK	MD	77.4	39.5	1.72E+09	1.01E+09	58.4	3.06E+08	59.6	8.5	31.9	1.83E+06	1.41E+06
24	23	GARRETT	MD	79.3	39.5	1.71E+09	5.35E+08	31.4	2.28E+08	36.8	31.2	32.0	1.58E+05	5.71E+05
24	25	HARFORD	MD	76.3	39.6	1.17E+09	4.49E+08	38.2	1.43E+08	54.0	12.4	33.6	2.95E+05	6.19E+05
24	27	HOWARD	MD	76.9	39.2	6.50E+08	2.65E+08	40.8	7.44E+07	61.1	8.8	30.1	8.17E+05	4.25E+05
24	29	KENT	MD	76.0	39.3	7.26E+08	5.56E+08	76.6	3.64E+07	59.3	11.8	29.9	6.09E+06	2.30E+06
24	31	MONTGOMERY	MD	77.2	39.1	1.28E+09	4.75E+08	37.1	1.59E+08	56.0	11.3	32.7	2.85E+06	5.58E+05
24	33	PRINCE GEORG	MD	76.9	38.8	1.26E+09	3.10E+08	24.7	8.31E+07	48.4	27.9	23.7	2.50E+06	1.94E+05
24	35	QUEEN ANNES	MD	76.0	39.1	9.72E+08	6.72E+08	69.1	6.35E+07	47.5	36.1	16.3	7.88E+06	7.37E+05
24	37	ST MARYS	MD	76.4	38.3	9.67E+08	4.16E+08	43.1	5.95E+07	37.7	41.3	21.0	1.92E+06	5.30E+05
24	39	SOMERSET	MD	75.7	38.1	8.78E+08	2.82E+08	32.1	2.19E+07	41.3	38.9	19.8	1.38E+06	2.87E+05
24	41	TALBOT	MD	76.1	38.8	6.76E+08	4.89E+08	72.3	3.28E+07	40.7	20.8	38.6	6.84E+05	5.44E+05
24	43	WASHINGTON	MD	77.8	39.4	1.19E+09	6.11E+08	51.4	1.84E+08	52.9	12.4	34.5	7.90E+06	4.45E+05
24	45	WICOMICO	MD	75.6	38.4	9.86E+08	4.15E+08	42.1	2.11E+07	29.8	21.9	48.2	6.70E+06	3.12E+05
24	47	WORCESTER	MD	75.3	38.2	1.24E+09	5.01E+08	40.4	3.03E+07	37.0	46.5	16.4	6.15E+05	1.38E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M$$2	FARM LAND M$$2	FARM LAND % OF TOTAL	TOT. PASTURE M$$2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M$$2	AGRICULTURAL POND AREA(M$$2)
25	0		MA			2.03E+10	2.44E+09	12.0	5.62E+08	39.9	30.9	29.2	7.49E+07	1.38E+07
25	1	BARNSTABLE	MA	70.3	41.7	1.02E+09	1.82E+07	1.8	3.29E+06	45.3	31.6	23.1	3.77E+06	1.21E+05
25	3	BERKSHIRE	MA	73.2	42.4	2.44E+09	2.98E+08	12.1	8.93E+07	43.3	34.0	22.8	2.27E+05	1.62E+05
25	5	BRISTOL	MA	71.1	41.8	1.44E+09	1.70E+08	11.9	4.19E+07	38.6	23.7	37.7	6.60E+06	1.03E+06
25	7	DUKES	MA	70.6	41.4	2.49E+08	3.69E+07	13.7	8.53E+06	16.6	20.4	63.0	1.98E+05	4.05E+03
25	9	ESSEX	MA	71.0	42.7	1.28E+09	1.17E+08	9.1	2.73E+07	35.0	24.5	40.5	5.05E+06	3.24E+05
25	11	FRANKLIN	MA	72.6	42.6	1.83E+09	2.95E+08	16.1	8.60E+07	31.9	42.1	26.1	2.41E+06	2.47E+05
25	13	HAMPDEN	MA	72.6	42.1	1.60E+09	1.70E+08	10.6	3.35E+07	45.6	31.7	22.6	5.88E+06	2.87E+05
25	15	HAMPSHIRE	MA	72.7	42.3	1.37E+09	2.63E+08	19.2	6.27E+07	53.4	22.4	24.2	2.03E+06	3.32E+05
25	17	MIDDLESEX	MA	71.4	42.5	2.14E+09	1.74E+08	8.1	2.85E+07	37.9	47.5	14.6	6.61E+06	3.64E+05
25	19	NANTUCKET	MA	70.1	41.3	1.02E+09								3.24E+05
25	21	NORFOLK	MA	71.2	42.2	1.02E+09	4.84E+07	4.7	1.05E+07	33.8	36.6	29.6	1.56E+06	3.24E+05
25	23	PLYMOUTH	MA	70.8	42.0	1.69E+09	3.13E+08	18.5	2.69E+07	46.3	29.1	24.6	3.73E+07	9.46E+06
25	25	SUFFOLK	MA	71.1	42.3									
25	27	WORCESTER	MA	71.9	42.4	3.91E+09	5.29E+08	13.5	1.52E+08	35.9	28.5	35.6	2.44E+06	1.07E+06
26	0		MI			1.47E+11	4.38E+10	29.8	6.85E+09	53.7	25.3	21.0	3.92E+08	2.17E+07
26	1	ALCONA	MI	83.6	44.7	1.75E+09	2.05E+08	11.7	9.95E+07	51.7	35.0	13.3	1.62E+04	7.28E+04
26	3	ALGER	MI	86.6	46.4	2.34E+09	7.75E+07	3.3	2.09E+07	46.5	47.2	6.4	1.34E+05	7.69E+04
26	5	ALLEGAN	MI	85.9	42.6	2.14E+09	1.05E+09	49.1	1.43E+08	56.1	20.5	23.5	1.46E+07	6.56E+05
26	7	ALPENA	MI	83.6	45.0	1.46E+09	3.26E+08	22.3	1.15E+08	46.9	37.6	15.5	4.09E+05	1.13E+05
26	9	ANTRIM	MI	85.1	45.0	1.23E+09	2.16E+08	17.6	5.52E+07	30.7	35.1	34.2	2.69E+06	1.01E+05
26	11	ARENAC	MI	83.9	44.1	9.52E+08	3.31E+08	34.8	5.78E+07	52.4	33.2	14.5	4.37E+05	5.26E+04
26	13	BARAGA	MI	88.4	46.7	2.33E+09	6.73E+07	2.9	1.99E+07	60.7	31.9	7.4	1.21E+04	8.50E+04
26	15	BARRY	MI	85.3	42.6	1.44E+09	7.47E+08	52.1	1.31E+08	60.2	13.3	26.4	2.00E+06	5.34E+05
26	17	BAY	MI	84.0	43.7	1.16E+09	6.75E+08	58.3	3.01E+07	53.9	36.3	9.8	3.73E+06	5.67E+04
26	19	BENZIE	MI	86.0	44.6	8.17E+08	1.34E+08	16.4	3.37E+07	47.2	8.9	43.9	6.07E+05	6.47E+04
26	21	BERRIEN	MI	86.4	42.0	1.50E+09	7.93E+08	52.8	5.91E+07	57.0	25.4	17.6	2.85E+07	1.67E+06
26	23	BRANCH	MI	85.1	41.9	1.31E+09	1.00E+09	76.5	1.18E+08	50.3	24.2	25.5	1.64E+07	2.87E+05
26	25	CALHOUN	MI	85.0	42.2	1.84E+09	1.09E+09	59.6	1.73E+08	57.5	18.6	23.8	6.00E+06	4.49E+05
26	27	CASS	MI	86.0	41.9	1.27E+09	7.94E+08	62.5	1.30E+08	61.3	17.1	21.6	1.13E+07	5.38E+05
26	29	CHARLEVOIX	MI	85.0	45.2	1.07E+09	1.78E+08	16.6	5.73E+07	49.5	27.4	23.1	2.02E+04	8.50E+04
26	31	CHEBOYGAN	MI	84.5	45.5	1.87E+09	1.88E+08	10.1	8.59E+07	53.5	36.4	10.2	4.45E+04	4.86E+04
26	33	CHIPPEWA	MI	84.7	46.3	4.12E+09	3.38E+08	8.2	1.10E+08	65.6	20.1	14.3	5.67E+04	8.50E+04
26	35	CLARE	MI	84.8	44.0	1.48E+09	3.06E+08	20.7	1.39E+08	43.3	32.8	23.9	1.62E+04	1.13E+05
26	37	CLINTON	MI	84.6	43.0	1.48E+09	1.06E+09	71.6	1.12E+08	61.8	18.9	19.3	1.75E+06	2.43E+05
26	39	CRAWFORD	MI	84.6	44.7	3.05E+09								8.90E+04
26	41	DELTA	MI	86.9	45.9	3.05E+09	3.72E+08	12.2	1.35E+08	40.2	37.9	21.9	2.75E+05	8.90E+04
26	43	DICKINSON	MI	87.9	46.0	1.96E+09	1.59E+08	8.1	3.52E+07	47.9	42.0	10.1	1.61E+06	7.69E+04
26	45	EATON	MI	84.8	42.6	1.48E+09	9.65E+08	65.3	1.38E+08	54.7	18.0	27.3	1.74E+06	3.12E+05
26	47	EMMET	MI	84.9	45.5	1.19E+09	1.78E+08	14.9	6.69E+07	40.9	33.9	25.2	8.58E+05	4.05E+04
26	49	GENESEE	MI	83.7	43.0	1.66E+09	6.04E+08	36.3	6.01E+07	52.3	17.8	29.9	2.40E+06	4.17E+05
26	51	GLADWIN	MI	84.4	44.0	1.30E+09	3.09E+08	23.7	1.06E+08	52.5	33.5	14.0		5.26E+04
26	53	GOGEBIC	MI	89.7	46.4	2.87E+09	3.54E+07	1.2	1.39E+07	53.9	29.3	16.8		3.64E+04
26	55	GRAND TRAVER	MI	85.6	44.7	1.20E+09	2.63E+08	21.9	4.57E+07	56.8	15.5	27.7	2.37E+06	9.31E+04
26	57	GRATIOT	MI	84.6	43.3	1.46E+09	1.14E+09	77.8	9.31E+07	43.5	24.7	31.8	3.37E+06	2.75E+05
26	59	HILLSDALE	MI	84.6	41.9	1.56E+09	1.08E+09	69.5	1.14E+08	51.8	19.7	28.5	1.55E+06	1.66E+05
26	61	HOUGHTON	MI	88.7	46.9	2.63E+09	1.65E+08	6.3	4.86E+07	49.5	28.7	21.7	1.39E+06	2.31E+05
26	63	HURON	MI	83.0	43.8	2.12E+09	1.66E+09	78.3	1.38E+08	59.4	22.4	18.2	1.81E+06	2.27E+05
26	65	INGHAM	MI	84.4	42.6	1.45E+09	9.21E+08	63.6	1.07E+08	53.3	17.3	29.4	8.02E+06	5.02E+05

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
26	67	IONIA	MI	85.1	42.9	1.49E+09	1.02E+09	68.2	1.39E+08	49.7	17.7	32.6	5.11E+06	3.32E+05
26	69	IOSCO	MI	83.6	44.4	1.41E+09	2.31E+08	16.4	1.11E+08	31.6	54.3	14.2	2.02E+04	4.73E+05
26	71	IRON	MI	88.5	46.2	3.03E+09	9.05E+07	3.0	3.61E+07	38.2	33.9	28.0	1.23E+06	4.86E+04
26	73	ISABELLA	MI	84.8	43.6	1.48E+09	8.27E+08	55.9	1.33E+08	56.0	23.2	20.8	1.39E+06	1.90E+05
26	75	JACKSON	MI	84.4	42.3	1.81E+09	9.93E+08	54.9	2.16E+08	39.7	29.0	31.3	3.11E+06	4.05E+05
26	77	KALAMAZOO	MI	85.5	42.2	1.45E+09	6.90E+08	47.5	8.90E+07	51.9	22.4	25.7	3.11E+06	3.74E+05
26	79	KALKASKA	MI	85.1	44.7	1.48E+09	4.98E+07	3.3	1.24E+07	53.1	25.6	21.3	1.10E+06	4.05E+03
26	81	KENT	MI	85.5	43.0	2.22E+09	9.16E+08	41.3	1.41E+08	63.7	15.5	20.9	1.48E+07	4.86E+05
26	83	KEWEENAW	MI	88.1	47.4	1.48E+09								3.24E+04
26	85	LAKE	MI	85.8	44.0	1.48E+09	9.48E+07	6.4	3.40E+07	55.3	21.0	23.7		3.24E+04
26	87	LAPEER	MI	83.2	43.1	1.70E+09	9.05E+08	53.2	1.40E+08	64.8	16.0	19.3	5.48E+06	9.55E+05
26	89	LEELANAU	MI	85.8	44.9	8.92E+08	2.85E+08	31.9	4.51E+07	49.5	20.2	30.3	2.49E+06	2.02E+05
26	91	LENAWEE	MI	84.1	41.9	1.95E+09	1.51E+09	77.4	8.69E+07	55.5	23.1	21.4	8.30E+05	2.95E+05
26	93	LIVINGSTON	MI	83.9	42.6	1.48E+09	5.69E+09	38.4	9.59E+07	51.2	16.1	32.7	3.61E+06	4.01E+05
26	95	LUCE	MI	85.5	46.5	2.35E+09	4.70E+07	2.0	1.57E+07	50.3	36.1	13.7	4.05E+03	6.07E+04
26	97	MACKINAC	MI	85.1	46.1	2.63E+09	9.50E+07	3.6	2.97E+07	71.4	18.9	9.4		2.02E+04
26	99	MACOMB	MI	82.9	42.7	1.24E+09	3.60E+08	29.0	4.28E+07	55.6	16.8	23.6	7.11E+06	3.20E+05
26	101	MANISTEE	MI	86.1	44.3	1.42E+09	2.25E+08	15.7	4.57E+07	50.2	25.7	24.2	6.43E+06	2.87E+05
26	103	MARQUETTE	MI	87.6	46.4	4.73E+09	1.00E+08	2.1	2.93E+07	23.8	60.6	15.7	2.02E+04	2.83E+04
26	105	MASON	MI	86.2	44.0	1.22E+09	3.64E+08	28.7	5.44E+07	63.4	18.9	17.7	1.39E+06	2.71E+05
26	107	MECOSTA	MI	85.3	43.6	1.45E+09	5.11E+08	35.2	1.29E+08	53.8	28.0	18.2	1.45E+07	2.95E+05
26	109	MENOMINEE	MI	87.6	45.6	2.69E+09	5.86E+08	21.8	1.22E+08	47.3	38.6	14.1	2.06E+05	2.35E+05
26	111	MIDLAND	MI	84.4	43.6	1.35E+09	3.57E+08	26.5	4.01E+07	43.1	46.0	10.9		3.64E+04
26	113	MISSAUKEE	MI	85.1	44.3	1.48E+09	3.50E+08	23.9	8.91E+07	63.5	21.1	15.4	1.25E+05	5.67E+04
26	115	MONROE	MI	83.5	41.9	1.44E+09	9.39E+08	65.1	3.97E+07	58.1	24.5	17.4	7.48E+06	4.49E+05
26	117	MONTCALM	MI	85.0	43.3	1.85E+09	9.71E+08	52.6	1.18E+08	53.2	21.7	25.2	4.38E+07	4.09E+05
26	119	MONTMORENCY	MI	84.1	45.0	1.44E+09	9.91E+07	6.9	3.82E+07	43.1	41.4	15.5	8.09E+03	4.86E+04
26	121	MUSKEGON	MI	86.1	43.3	1.30E+09	3.30E+08	25.4	4.34E+07	62.9	16.1	21.0	1.37E+07	1.35E+05
26	123	NEWAYGO	MI	85.9	43.6	2.20E+09	5.15E+08	23.4	1.16E+08	60.4	19.5	20.1	1.09E+07	2.10E+05
26	125	OAKLAND	MI	83.4	42.7	2.24E+09	3.50E+08	15.6	9.03E+07	59.9	16.1	24.0	2.44E+06	5.24E+05
26	127	OCEANA	MI	86.3	43.6	1.39E+09	5.08E+08	36.6	8.29E+07	61.8	23.6	14.6	3.73E+06	3.32E+05
26	129	OGEMAW	MI	84.1	44.3	1.48E+09	2.85E+08	19.3	9.42E+07	43.4	41.5	15.1	4.05E+04	5.67E+04
26	131	ONTONAGON	MI	89.3	46.7	2.41E+09	1.50E+08	6.4	7.42E+07	33.5	55.7	10.8	2.43E+04	1.21E+05
26	133	OSCEOLA	MI	85.3	44.0	1.50E+09	4.75E+08	31.5	1.59E+08	52.4	28.8	18.8	4.98E+05	5.83E+05
26	135	OSCODA	MI	84.1	44.7	1.46E+09	9.43E+07	5.8	4.21E+07	52.3	27.1	20.5	2.02E+04	5.67E+04
26	137	OTSEGO	MI	84.6	45.0	1.37E+09	1.43E+08	10.5	6.24E+07	27.2	50.1	22.7		4.86E+04
26	139	OTTAWA	MI	86.0	43.0	1.46E+09	7.06E+08	48.4	1.15E+08	59.7	18.1	22.2	2.01E+07	7.81E+05
26	141	PRESQUE ISLE	MI	83.9	45.3	1.68E+09	3.51E+08	20.9	1.36E+08	47.6	39.9	12.5	3.24E+05	1.29E+05
26	143	ROSCOMMON	MI	84.6	44.3	1.35E+09	2.65E+07	2.0	1.44E+07	32.4	61.6	6.0		1.21E+04
26	145	SAGINAW	MI	84.1	43.3	2.11E+09	1.35E+09	63.9	5.99E+07	50.0	31.9	18.1	3.07E+06	9.91E+05
26	147	ST CLAIR	MI	82.7	43.0	1.90E+09	8.19E+08	43.1	1.37E+08	63.2	15.7	21.1	2.44E+04	2.39E+05
26	149	ST JOSEPH	MI	85.5	41.9	1.31E+09	9.15E+08	69.8	1.17E+08	55.1	25.8	19.1	3.05E+07	6.27E+05
26	151	SANILAC	MI	82.8	43.4	2.49E+09	1.71E+09	68.5	2.22E+08	69.3	14.3	16.3	5.51E+06	5.02E+05
26	153	SCHOOLCRAFT	MI	86.2	46.2	3.06E+09	5.87E+07	1.9	2.51E+07	38.8	44.1	17.1		2.02E+04
26	155	SHIAWASSEE	MI	84.1	43.0	1.40E+09	9.80E+08	70.1	8.03E+07	58.3	19.8	21.9	5.58E+05	3.40E+05
26	157	TUSCOLA	MI	83.4	43.5	2.11E+09	1.36E+09	64.3	8.35E+07	66.0	20.4	13.6	4.56E+06	2.27E+05
26	159	VAN BUREN	MI	86.0	42.3	1.56E+09	8.61E+08	55.2	9.97E+07	57.4	18.1	24.4	4.75E+07	1.20E+06
26	161	WASHTENAW	MI	83.9	42.3	1.84E+09	9.15E+08	49.7	1.25E+08	59.8	13.9	26.3	5.49E+06	4.78E+05
26	163	WAYNE	MI	83.3	42.3	1.57E+09	1.52E+08	9.7	1.49E+07	41.6	7.9	50.5	4.73E+06	8.50E+04
26	165	WEXFORD	MI	85.6	44.3	1.45E+09	1.74E+08	12.0	4.71E+07	41.1	25.3	13.5	1.50E+05	1.38E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
27	0		MN			2.05E+11	1.12E+11	54.4	1.97E+10	40.9	26.8	32.3	3.19E+08	4.80E+07
27	1	AIT 'N	MN	93.4	46.6	4.73E+09	7.38E+08	15.6	2.65E+08	43.3	34.0	2'	9.67E+06	5.02E+05
27	3	ANOKA	MN	93.2	45.3	1.10E+09	4.31E+08	39.3	1.35E+08	27.1	28.2	44.8	2.87E+06	1.34E+05
27	5	BECKER	MN	95.7	46.9	3.36E+09	1.70E+09	50.6	4.91E+08	29.6	44.3	26.1	3.84E+05	1.40E+06
27	7	BELTRAMI	MN	94.9	48.0	6.49E+09	8.93E+08	13.8	2.41E+08	33.0	38.9	28.1	8.88E+06	3.60E+05
27	9	BENTON	MN	94.0	45.7	1.04E+09	8.06E+08	77.3	2.58E+08	38.6	29.8	31.7	4.90E+06	5.14E+05
27	11	BIG STONE	MN	96.4	45.4	1.27E+09	1.07E+09	84.5	1.21E+08	56.3	1.5	42.3	8.22E+05	4.01E+05
27	13	BLUE EARTH	MN	94.1	44.0	1.91E+09	1.68E+09	87.9	1.41E+08	33.9	38.5	27.5	2.20E+06	1.42E+05
27	15	BROWN	MN	94.7	44.3	1.58E+09	1.33E+09	84.3	1.09E+08	49.5	19.8	30.7	5.87E+05	1.50E+05
27	17	CARLTON	MN	92.7	46.6	2.23E+09	5.41E+08	24.2	2.22E+08	33.8	39.9	26.4	1.21E+04	2.87E+05
27	19	CARVER	MN	93.8	44.8	9.30E+08	7.15E+08	76.9	1.51E+08	38.5	34.9	26.6	4.21E+05	4.13E+05
27	21	CASS	MN	94.3	47.0	5.18E+09	7.89E+08	15.2	3.46E+08	33.9	39.9	26.2	2.75E+06	5.30E+05
27	23	CHIPPEWA	MN	95.6	45.0	1.51E+09	1.34E+09	88.7	9.78E+07	49.4	4.6	45.9	1.07E+06	2.19E+05
27	25	CHISAGO	MN	92.9	45.5	1.08E+09	6.44E+08	59.4	1.83E+08	33.3	40.0	26.8	1.21E+05	2.99E+05
27	27	CLAY	MN	96.5	46.9	2.71E+09	2.49E+09	92.1	2.54E+08	38.4	13.1	48.5	8.13E+06	1.05E+05
27	29	CLEARWATER	MN	95.4	47.6	2.59E+09	9.02E+08	34.8	3.38E+08	34.4	46.3	19.2	7.33E+06	2.31E+05
27	31	COOK	MN	90.5	47.9	1.65E+09								5.02E+05
27	33	COTTONWOOD	MN	95.2	44.0	1.65E+09	1.46E+09	88.5	1.39E+08	54.6	4.7	40.6	1.48E+06	5.02E+05
27	35	CROW WING	MN	94.1	46.5	2.58E+09	5.77E+08	22.4	2.31E+08	31.7	39.2	29.0	5.79E+05	9.31E+04
27	37	DAKOTA	MN	93.1	44.7	1.49E+09	9.84E+08	66.0	1.12E+08	52.6	12.2	35.2	2.11E+07	2.63E+05
27	39	DODGE	MN	92.9	44.0	1.13E+09	1.01E+09	89.8	1.23E+08	61.0	12.9	26.1		1.58E+05
27	41	DOUGLAS	MN	95.5	45.9	1.69E+09	1.29E+09	77.2	2.97E+08	42.5	33.5	34.0	2.82E+06	5.58E+05
27	43	FARIBAULT	MN	94.0	43.7	1.84E+09	1.70E+09	92.3	6.57E+07	49.8	20.6	29.6		9.71E+04
27	45	FILLMORE	MN	92.1	43.7	2.22E+09	1.99E+09	89.5	6.42E+08	40.6	28.6	30.8	1.08E+06	2.42E+06
27	47	FREEBORN	MN	93.4	43.7	1.81E+09	1.62E+09	89.4	1.27E+08	52.0	14.7	33.3	3.50E+06	6.36E+05
27	49	GOODHUE	MN	92.7	44.4	1.95E+09	1.62E+09	83.2	3.49E+08	51.2	17.8	31.1	4.29E+05	1.38E+06
27	51	GRANT	MN	96.0	45.9	1.41E+09	1.21E+09	85.4	9.64E+07	51.7	6.8	41.5	1.42E+06	2.39E+05
27	53	HENNEPIN	MN	93.5	45.0	1.47E+09	4.57E+08	31.1	1.01E+08	47.1	24.8	28.1	1.39E+07	3.64E+05
27	55	HOUSTON	MN	91.5	43.7	1.46E+09	1.21E+09	82.7	5.30E+08	26.5	46.0	27.5	4.09E+05	3.48E+06
27	57	HUBBARD	MN	94.9	47.1	2.41E+09	5.18E+08	21.5	1.85E+08	27.9	43.9	28.3	3.14E+06	9.31E+04
27	59	ISANTI	MN	93.3	45.6	1.14E+09	6.04E+08	53.2	1.27E+08	42.1	29.4	28.5	6.31E+06	1.09E+05
27	61	ITASCA	MN	93.6	47.5	6.82E+09	5.33E+08	7.8	2.10E+08	30.1	46.7	23.2	4.21E+05	1.90E+05
27	63	JACKSON	MN	95.2	43.6	1.80E+09	1.40E+09	88.5	1.07E+08	48.2	5.0	46.8	9.71E+04	5.79E+05
27	65	KANABEC	MN	93.3	46.0	1.36E+09	7.02E+08	51.8	3.10E+08	24.2	38.9	36.9		6.56E+05
27	67	KANDIYOHI	MN	95.0	45.2	2.03E+09	1.63E+09	80.4	2.23E+08	53.1	13.0	33.9	4.96E+06	3.12E+05
27	69	KITTSON	MN	96.8	48.8	2.91E+09	2.16E+09	74.1	3.59E+08	26.7	32.6	40.6	2.27E+06	1.01E+06
27	71	KOOCHICHING	MN	93.8	48.2	8.10E+09	3.38E+08	4.2	1.09E+08	44.9	36.7	18.3	1.83E+06	1.09E+05
27	73	LAC QUI PARL	MN	96.2	45.0	1.99E+09	1.74E+09	87.7	1.97E+08	50.1	2.9	47.0	1.21E+04	8.58E+05
27	75	LAKE	MN	91.4	47.6	5.34E+09	2.18E+07	0.4	7.71E+04	43.0	55.5	1.5		4.05E+04
27	77	LAKE OF THE	MN	94.9	48.8	3.39E+09	4.58E+08	13.5	1.10E+08	51.3	32.5	16.3	2.63E+05	1.86E+05
27	79	LE SUEUR	MN	93.7	44.4	1.14E+09	9.86E+08	86.5	1.39E+08	40.0	19.3	40.7	9.83E+05	2.67E+05
27	81	LINCOLN	MN	96.2	44.4	1.46E+09	1.14E+09	78.5	2.10E+08	48.9	3.1	48.0	4.37E+05	1.69E+06
27	83	LYON	MN	95.9	44.4	1.84E+09	1.63E+09	88.6	1.86E+08	49.9	3.6	46.5	1.52E+06	8.78E+05
27	85	MC LEOD	MN	94.3	44.9	1.26E+09	1.13E+09	89.2	1.39E+08	53.4	14.5	32.1		4.94E+05
27	87	MAHNOMEN	MN	95.8	47.3	1.46E+09	8.67E+08	59.5	2.07E+08	26.9	26.9	46.3		3.72E+05
27	89	MARSHALL	MN	96.4	48.4	4.63E+09	3.46E+09	74.6	3.79E+08	46.1	24.8	29.0	8.70E+05	7.32E+05
27	91	MARTIN	MN	94.6	43.7	1.82E+09	1.74E+09	95.7	1.13E+08	54.1	6.9	39.0	3.04E+05	3.36E+05
27	93	MEEKER	MN	94.5	45.1	1.60E+09	1.28E+09	79.9	1.75E+08	54.6	15.0	30.4	1.97E+06	7.41E+05
27	95	MILLE LACS	MN	93.6	45.9	1.48E+09	6.50E+08	43.9	2.49E+08	35.9	31.7	32.4	2.79E+05	4.25E+05
27	97	MORRISON	MN	94.3	46.0	2.92E+09	1.84E+09	63.0	6.98E+08	32.6	35.6	31.7	1.98E+05	1.11E+06
27	99	MOWER	MN	92.8	43.7	1.82E+09	1.60E+09	87.9	1.43E+08	59.6	8.3	32.1	1.19E+06	2.95E+05
27	101	MURRAY	MN	95.8	44.0	1.82E+09	1.50E+09	82.6	2.10E+08	52.3	1.2	46.5		4.90E+05
27	103	NICOLLET	MN	94.2	44.4	1.12E+09	9.61E+08	85.8	7.47E+07	41.8	29.5	28.7	1.70E+05	1.05E+05
27	105	NOBLES	MN	95.8	43.7	1.94E+09	1.61E+09	87.2	1.54E+08	52.7	1.4	45.9	2.43E+05	4.78E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
27	107	NORMAN	MN	96.4	47.3	2.29E+09	2.21E+09	96.3	2.10E+08	43.2	25.4	31.4		5.38E+05
27	109	OLMSTED	MN	92.4	44.0	1.70E+09	1.32E+09	77.7	3.51E+08	52.3	14.1	33.6	1.46E+05	8.34E+05
27	111	OTTER TAIL	MN	95.7	46.4	5.08E+09	3.86E+09	75.9	9.98E+08	37.1	37.3	25.6	3.3PE+07	8.42E+05
27	113	PENNINGTON	MN	96.0	48.1	1.61E+09	1.32E+09	82.0	2.14E+08	46.7	26.3	27.0	1.56E+06	5.58E+05
27	115	PINE	MN	92.7	46.1	3.66E+09	1.14E+09	31.1	4.64E+08	32.0	37.9	30.1	2.19E+05	7.16E+05
27	117	PIPESTONE	MN	96.2	44.0	1.20E+09	1.01E+09	84.4	2.02E+08	48.9	0.6	50.4	4.05E+05	7.97E+05
27	119	POLK	MN	96.4	47.8	5.21E+09	4.50E+09	86.3	5.00E+08	40.7	18.2	41.2	1.27E+07	5.71E+05
27	121	POPE	MN	95.4	45.6	1.73E+09	1.38E+09	79.6	2.68E+08	49.8	8.3	41.9	1.70E+07	8.22E+05
27	123	RAMSEY	MN	93.1	45.0	4.01E+08	1.17E+07	2.9	2.82E+06	35.4		64.6	3.16E+05	
27	125	RED LAKE	MN	96.1	47.9	1.12E+09	8.37E+08	74.8	1.42E+08	42.0	29.2	28.8	1.94E+06	3.97E+05
27	127	REDWOOD	MN	95.3	44.4	2.26E+09	2.07E+09	91.6	1.41E+08	51.9	9.5	38.6	3.64E+05	5.18E+05
27	129	RENVILLE	MN	94.9	44.7	2.53E+09	2.36E+09	93.0	1.35E+08	44.1	12.3	43.6	9.27E+05	5.95E+05
27	131	RICE	MN	93.3	44.4	1.29E+09	9.52E+08	74.0	1.64E+08	52.7	15.6	31.8	1.38E+05	3.72E+05
27	133	ROCK	MN	96.2	43.7	1.26E+09	1.08E+09	85.7	1.74E+08	51.6	0.6	47.9	8.74E+05	6.68E+05
27	135	ROSEAU	MN	95.8	48.8	4.34E+09	2.36E+09	54.3	4.74E+08	43.5	25.0	31.5	2.36E+06	4.05E+05
27	137	ST LOUIS	MN	92.5	47.6	1.58E+10	6.59E+08	4.2	2.17E+08	40.3	45.1	14.7	2.02E+04	1.54E+05
27	139	SCOTT	MN	93.5	44.7	9.13E+08	6.25E+08	68.4	1.15E+08	42.9	29.6	27.5	1.90E+05	2.27E+05
27	141	SHERBURNE	MN	93.8	45.5	1.12E+09	5.66E+08	50.7	1.31E+08	36.3	30.5	33.2	4.36E+07	2.19E+05
27	143	SIBLEY	MN	94.2	44.6	1.51E+09	1.34E+09	88.5	1.21E+08	56.2	17.4	26.4		2.43E+05
27	145	STEARNS	MN	94.6	45.6	3.48E+09	2.81E+09	80.7	6.79E+08	42.5	24.8	32.7	1.46E+07	1.11E+06
27	147	STEELE	MN	93.2	44.0	1.10E+09	9.15E+08	83.0	7.76E+07	52.5	17.6	29.9	2.23E+05	1.42E+05
27	149	STEVENS	MN	96.0	45.6	1.45E+09	1.29E+09	89.4	1.06E+08	58.8	2.6	38.6	2.43E+06	2.71E+05
27	151	SWIFT	MN	95.7	45.3	1.92E+09	1.67E+09	87.2	2.07E+08	48.9	4.3	46.8	1.30E+07	6.43E+05
27	153	TODD	MN	94.9	46.1	2.44E+09	1.76E+09	72.2	5.89E+08	30.0	40.2	29.8	1.72E+07	5.46E+05
27	155	TRAVERSE	MN	96.5	45.8	1.47E+09	1.32E+09	89.6	9.23E+07	50.1	2.5	47.3		2.35E+05
27	157	WABASHA	MN	92.2	44.3	1.35E+09	1.06E+09	78.3	3.12E+08	45.1	30.9	24.0	9.27E+05	2.63E+06
27	159	WADENA	MN	95.0	46.6	1.39E+09	7.65E+08	55.1	2.87E+08	27.7	40.2	32.1	2.57E+06	2.35E+05
27	161	WASECA	MN	93.6	44.0	1.07E+09	9.75E+08	90.8	6.61E+07	48.8	13.5	37.7	4.05E+03	1.34E+05
27	163	WASHINGTON	MN	92.9	45.0	9.99E+08	5.05E+08	50.5	1.08E+08	50.5	16.8	32.7	8.19E+06	2.75E+05
27	165	WATONWAN	MN	94.6	44.0	1.12E+09	1.04E+09	92.9	6.76E+07	44.7	9.1	46.2	5.67E+05	1.78E+05
27	167	WILKIN	MN	96.5	46.4	1.95E+09	1.71E+09	88.0	8.68E+07	53.0	9.0	38.0		3.52E+05
27	169	WINONA	MN	91.8	44.0	1.61E+09	1.27E+09	79.0	3.80E+08	32.6	46.1	21.3	1.62E+04	2.30E+06
27	171	WRIGHT	MN	94.0	45.2	1.75E+09	1.26E+09	72.4	2.74E+08	44.6	27.0	28.4	5.84E+06	5.26E+05
27	173	YELLOW MEDIC	MN	95.9	44.7	1.95E+09	1.87E+09	95.8	1.89E+08	51.3	5.3	43.4	3.48E+05	5.58E+05
28	0		MS			1.22E+11	5.79E+10	47.2	2.51E+10	40.0	28.7	31.3	6.54E+08	2.00E+08
28	1	ADAMS	MS	91.4	31.5	1.16E+09	5.22E+08	44.9	3.34E+08	22.3	43.7	34.0		1.32E+06
28	3	ALCORN	MS	88.6	34.9	1.05E+09	5.02E+08	47.8	1.69E+08	43.1	25.6	31.4	4.86E+04	1.52E+06
28	5	AMITE	MS	90.8	31.2	1.89E+09	7.71E+08	40.8	4.87E+08	41.9	34.8	23.3	8.58E+05	3.05E+06
28	7	ATTALA	MS	89.6	33.1	1.88E+09	7.26E+08	38.7	4.26E+08	36.7	28.1	35.2	7.28E+04	1.73E+06
28	9	BENTON	MS	89.2	34.8	1.07E+09	4.28E+08	40.1	2.15E+08	30.5	38.1	31.5	3.44E+05	1.69E+06
28	11	BOLIVAR	MS	90.9	33.8	2.39E+09	2.07E+09	86.8	1.64E+08	38.9	31.0	30.1	2.09E+08	2.09E+06
28	13	CALHOUN	MS	89.3	33.9	1.49E+09	7.34E+08	49.3	2.62E+08	34.2	27.1	38.7	4.57E+05	2.74E+06
28	15	CARROLL	MS	89.9	33.5	1.65E+09	9.18E+08	55.6	5.43E+08	33.2	27.4	39.4	6.56E+05	4.11E+06
28	17	CHICKASAW	MS	88.9	33.9	1.31E+09	8.18E+08	62.4	3.99E+08	44.6	19.5	35.9	3.64E+04	4.02E+06
28	19	CHOCTAW	MS	89.2	33.3	1.08E+09	3.25E+08	30.1	1.60E+08	37.3	27.9	34.8	1.62E+05	8.58E+05
28	21	CLAIBORNE	MS	90.9	32.0	1.27E+09	6.28E+08	49.6	4.80E+08	20.5	42.5	37.0		1.93E+06
28	23	CLARKE	MS	88.7	32.0	1.81E+09	3.96E+08	21.9	2.58E+08	36.5	41.8	21.7	2.02E+05	1.13E+06
28	25	CLAY	MS	88.8	33.7	1.07E+09	5.91E+08	55.1	3.09E+08	56.6	15.8	27.7	4.53E+05	1.97E+06
28	27	COAHOMA	MS	90.6	34.2	1.47E+09	1.19E+09	81.1	6.07E+07	36.5	22.4	41.1	3.71E+07	9.91E+05
28	29	COPIAH	MS	90.5	31.9	2.02E+09	9.30E+08	46.0	6.29E+08	29.9	45.7	24.4	5.67E+05	2.69E+06
28	31	COVINGTON	MS	89.6	31.6	1.08E+09	5.57E+08	51.7	3.16E+08	48.3	24.8	27.0	1.62E+04	1.66E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
28	33	DE SOTO	MS	90.0	34.9	1.23E+09	8.04E+08	65.2	3.54E+08	47.3	14.6	38.1	5.52E+06	2.78E+06
28	35	FORREST	MS	89.3	31.2	1.21E+09	2.90E+08	23.9	1.45E+08	45.9	26.4	27.6	1.62E+04	1.81E+06
28	37	FRANKLIN	MS	90.9	31.5	1.47E+09	2.40E+08	16.3	1.35E+08	46.4	26.6	27.0	6.07E+04	6.64E+05
28	39	GEORGE	MS	88.6	30.9	1.24E+09	2.60E+08	20.9	1.06E+08	37.8	44.4	17.8	4.33E+05	6.52E+05
28	41	GREENE	MS	88.6	31.2	1.89E+09	3.09E+08	16.4	1.27E+08	42.2	39.2	18.6	1.01E+05	7.16E+05
28	43	GRENADA	MS	89.8	33.8	1.12E+09	5.06E+08	45.3	2.42E+08	37.5	23.3	39.2	4.05E+03	1.50E+06
28	45	HANCOCK	MS	89.5	30.4	1.25E+09	2.22E+08	17.8	1.46E+08	32.4	43.1	24.5	1.50E+06	5.67E+05
28	47	HARRISON	MS	89.1	30.5	1.52E+09	1.02E+08	6.7	6.65E+07	31.7	45.0	23.3	1.21E+04	2.71E+05
28	49	HINDS	MS	90.5	32.3	2.27E+09	1.39E+09	61.3	9.13E+08	40.5	23.2	36.3	1.82E+05	6.47E+06
28	51	HOLMES	MS	90.1	33.1	1.99E+09	1.23E+09	61.8	4.85E+08	36.7	22.4	40.9	6.75E+06	4.95E+06
28	53	HUMPHREYS	MS	90.5	33.1	1.09E+09	9.16E+08	83.9	5.73E+07	50.1	15.8	34.1	2.15E+07	6.07E+06
28	55	ICSAQUENA	MS	91.0	32.7	1.07E+09	4.41E+08	41.1	4.45E+07	34.9	7.5	57.6	3.29E+06	8.09E+04
28	57	ITAWAMBA	MS	88.4	34.3	1.40E+09	5.37E+08	38.4	2.49E+08	37.3	22.6	40.1		9.79E+05
28	59	JACKSON	MS	88.6	30.6	1.91E+09	1.23E+08	6.5	4.63E+07	37.2	39.2	23.6		1.13E+05
28	61	JASPER	MS	89.1	32.0	1.77E+09	5.39E+08	30.5	3.60E+08	37.2	29.2	33.6	7.69E+04	2.24E+06
28	63	JEFFERSON	MS	91.0	31.7	1.35E+09	5.86E+08	43.5	3.53E+08	28.4	48.8	22.8		1.13E+06
28	65	JEFFERSON DA	MS	89.8	31.6	1.07E+09	4.55E+08	42.4	3.21E+08	48.7	34.1	17.2	1.62E+04	1.32E+06
28	67	JONES	MS	89.2	31.6	1.82E+09	6.08E+08	33.4	3.38E+08	46.3	27.1	26.7	4.86E+04	3.52E+06
28	69	KEMPER	MS	88.6	32.8	1.96E+09	6.44E+08	32.9	3.98E+08	42.8	32.4	24.9		1.76E+06
28	71	LAFAYETTE	MS	89.5	34.4	1.73E+09	6.50E+08	37.6	3.79E+08	39.2	27.7	33.2		2.06E+06
28	73	LAMAR	MS	89.5	31.2	1.29E+09	4.34E+08	33.5	2.06E+08	54.3	18.8	26.9	3.08E+05	2.01E+06
28	75	LAUDERDALE	MS	88.7	32.4	1.83E+09	5.39E+08	29.4	3.20E+08	38.5	27.4	34.1	9.31E+04	2.41E+06
28	77	LAURENCE	MS	90.1	31.6	1.12E+09	3.90E+08	34.8	2.45E+08	39.6	47.1	13.3	1.13E+05	7.73E+05
28	79	LEAKE	MS	89.5	32.8	1.52E+09	5.79E+08	38.2	3.87E+08	46.0	30.7	23.3	4.05E+04	2.20E+06
28	81	LEE	MS	88.7	34.3	1.18E+09	7.36E+08	62.5	3.39E+08	44.9	10.8	44.3	5.50E+05	2.38E+06
28	83	LEFLORE	MS	90.3	33.6	1.53E+09	1.34E+09	87.3	1.14E+08	40.8	26.5	30.7	7.28E+07	1.31E+06
28	85	LINCOLN	MS	90.5	31.5	1.52E+09	5.87E+08	38.7	4.34E+08	41.9	39.4	18.7	4.86E+04	2.04E+06
28	87	LOWNDES	MS	88.4	33.5	1.32E+09	7.05E+08	53.6	3.02E+08	43.2	20.6	36.2	2.27E+05	2.37E+06
28	89	MADISON	MS	90.0	32.6	1.88E+09	1.34E+09	71.2	7.69E+08	40.9	12.1	47.0	3.88E+05	6.26E+06
28	91	MARION	MS	89.8	31.2	1.42E+09	5.47E+08	38.4	3.25E+08	50.6	33.5	15.9		1.93E+06
28	93	MARSHALL	MS	89.5	34.8	1.84E+09	1.21E+09	66.0	7.33E+08	32.0	34.3	33.7	8.22E+05	5.18E+06
28	95	MONROE	MS	88.5	33.9	1.99E+09	9.12E+08	45.8	3.30E+08	42.7	21.4	35.9	7.16E+05	2.51E+06
28	97	MONTGOMERY	MS	89.6	33.5	1.04E+09	5.54E+08	53.0	2.71E+08	43.1	24.5	32.4	2.43E+04	1.29E+06
28	99	NESHOBA	MS	89.1	32.8	1.47E+09	6.79E+08	46.2	4.46E+08	43.5	37.3	19.3		2.25E+06
28	101	NEWTON	MS	89.1	32.4	1.50E+09	6.04E+08	40.2	3.72E+08	48.0	32.9	19.1	1.62E+05	2.35E+06
28	103	NOXUBEE	MS	88.6	33.1	1.80E+09	1.16E+09	64.5	6.16E+08	33.1	23.1	43.8	5.34E+05	4.71E+06
28	105	OKTIBBEHA	MS	88.9	33.4	1.18E+09	5.56E+08	47.3	3.95E+08	41.7	21.6	36.7	3.44E+05	3.07E+06
28	107	PANOLA	MS	89.9	34.4	1.79E+09	1.18E+09	66.0	5.49E+08	39.3	19.4	41.3	5.38E+05	4.99E+06
28	109	PEARL RIVER	MS	89.6	30.6	2.14E+09	6.01E+08	28.0	4.38E+08	41.1	22.8	36.1	2.14E+05	2.75E+06
28	111	PERRY	MS	89.0	31.2	1.69E+09	2.03E+08	12.0	1.01E+08	45.1	39.4	15.5	6.92E+05	7.89E+05
28	113	PIKE	MS	90.4	31.2	1.06E+09	4.44E+08	41.9	2.74E+08	51.4	28.1	20.5	1.05E+05	2.16E+06
28	115	PONTOTOC	MS	89.0	34.2	1.30E+09	7.23E+08	55.7	2.83E+08	41.4	21.1	37.6		2.32E+06
28	117	PRENTISS	MS	88.5	34.6	1.08E+09	6.27E+08	57.9	1.97E+08	35.9	29.4	34.7	3.64E+04	2.06E+06
28	119	QUITMAN	MS	90.3	34.3	1.07E+09	9.72E+08	91.2	3.25E+07	53.3	10.3	36.4	2.17E+07	8.58E+05
28	121	RANKIN	MS	90.0	32.3	2.01E+09	7.30E+08	36.4	4.23E+08	41.5	30.7	27.8	2.27E+05	2.56E+06
28	123	SCOTT	MS	89.5	32.4	1.59E+09	6.21E+08	39.0	3.88E+08	45.7	28.7	25.5	2.51E+05	2.67E+06
28	125	SHARKEY	MS	90.8	32.9	1.13E+09	8.06E+08	71.4	4.92E+07	26.7	24.0	49.3	1.22E+07	4.92E+06
28	127	SIMPSON	MS	89.9	31.9	1.52E+09	5.89E+08	38.7	3.85E+08	44.4	38.3	17.3	8.09E+04	2.31E+06
28	129	SMITH	MS	89.5	32.0	1.66E+09	5.55E+08	33.4	3.67E+08	44.8	29.5	25.7		3.30E+06
28	131	STONE	MS	89.1	30.8	1.16E+09	2.07E+08	17.8	1.23E+08	43.2	40.8	15.9		1.14E+06
28	133	SUNFLOWER	MS	90.6	33.6	1.80E+09	1.80E+09	100.0	2.00E+08	41.1	12.1	46.8	7.79E+07	3.64E+06
28	135	TALLAHATCHIE	MS	90.2	34.0	1.67E+09	1.35E+09	80.7	2.44E+08	41.6	16.8	41.6	1.01E+07	2.16E+06
28	137	TATE	MS	89.9	34.7	1.05E+09	7.97E+08	75.9	4.40E+08	38.9	17.2	43.9	2.03E+06	2.94E+06
28	139	TIPPAH	MS	88.9	34.8	1.20E+09	6.49E+08	54.0	3.22E+08	30.3	32.0	37.8	6.60E+05	2.19E+06
28	141	TISHOMINGO	MS	88.2	34.7	1.15E+09	3.24E+08	28.2	1.37E+08	41.3	35.3	23.4	6.60E+05	3.72E+05
28	143	TUNICA	MS	90.4	34.5	1.19E+09	9.30E+08	78.4	2.96E+07	26.0	23.9	50.1	3.75E+07	3.94E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
28	145	UNION	MS	89.0	34.5	1.09E+09	5.62E+08	51.4	2.13E+08	44.2	25.9	29.9	1.38E+05	1.99E+06
28	147	WALTHALL	MS	90.1	31.2	1.04E+09	6.23E+08	59.7	3.91E+08	56.0	24.9	17.0	1.82E+05	4.38E+06
28	149	WARREN	MS	90.8	32.4	1.50E+09	5.50E+08	36.6	2.31E+08	31.3	36.	32.5		1.66E+06
28	151	WASHINGTON	MS	91.0	33.3	1.90E+09	1.64E+09	86.2	1.35E+08	31.1	19.[illegible]	49.2	1.01E+08	4.29E+06
28	153	WAYNE	MS	88.7	31.6	2.14E+09	3.77E+08	17.6	1.92E+08	37.8	41.[illegible]	20.6	4.41E+05	1.41E+06
28	155	WEBSTER	MS	89.3	33.6	1.08E+09	5.30E+08	49.2	3.04E+08	37.8	34.[illegible]	27.4	4.45E+05	1.30E+06
28	157	WILKINSON	MS	91.3	31.2	1.75E+09	7.38E+08	42.3	4.29E+08	32.8	41.6	25.6	8.09E+03	2.67E+06
28	159	WINSTON	MS	89.0	33.1	1.57E+09	5.36E+08	34.1	3.20E+08	45.6	34.3	20.1	8.09E+03	1.76E+06
28	161	YALOBUSHA	MS	89.7	34.0	1.26E+09	5.16E+08	40.8	2.69E+08	34.2	34.1	31.7		1.48E+06
28	163	YAZOO	MS	90.4	32.8	2.43E+09	1.79E+09	73.6	6.70E+08	36.9	29.7	33.4	1.98E+07	1.33E+07
29	0		MO			1.79E+11	1.21E+11	67.5	5.64E+10	48.0	20.6	31.4	6.09E+08	4.79E+08
29	1	ADAIR	MO	92.6	40.2	1.48E+09	1.16E+09	78.7	6.11E+08	51.5	13.7	34.8	2.43E+05	4.57E+06
29	3	ANDREW	MO	94.8	40.0	1.13E+09	9.56E+08	84.7	3.58E+08	56.1	13.[illegible]	30.5	1.34E+05	5.26E+06
29	5	ATCHISON	MO	95.4	40.5	1.42E+09	1.34E+09	94.1	3.51E+[illegible]	59.8	3.8	36.4	2.87E+06	2.60E+06
29	7	AUDRAIN	MO	91.8	39.2	1.79E+09	1.68E+09	93.7	4.63E+08	53.9	15.5	30.6	1.15E+07	7.84E+06
29	9	BARRY	MO	93.8	36.7	2.03E+09	1.19E+09	58.9	8.33E+08	52.9	18.1	29.0	5.58E+06	4.07E+06
29	11	BARTON	MO	94.4	37.5	1.54E+09	1.33E+09	86.6	4.42E+0[illegible]	42.0	10.1	48.0	2.00E+07	7.79E+06
29	13	BATES	MO	94.3	38.3	2.18E+09	1.90E+09	87.2	8.34E+08	49.9	6.8	43.3	3.67E+06	9.70E+06
29	15	BENTON	MO	93.3	38.3	1.90E+09	1.13E+09	59.2	7.18E+08	29.2	38.2	32.7		7.36E+06
29	17	BOLLINGER	MO	90.0	37.3	1.61E+09	8.50E+08	52.9	4.21E+[illegible]	51.1	32.5	16.5	9.96E+05	2.13E+06
29	19	BOONE	MO	92.3	39.0	1.77E+09	1.20E+09	67.4	[illegible].49E+08	51.2	20.0	28.8	6.71E+06	6.04E+06
29	21	BUCHANAN	MO	94.8	39.7	1.05E+09	8.02E+08	76.7	2.61E+08	50.2	10.0	39.9	1.05E+06	3.70E+06
29	23	BUTLER	MO	90.4	36.7	1.85E+09	1.02E+09	55.0	1.54E+08	54.4	22.9	22.8	3.47E+07	1.47E+06
29	25	CALDWELL	MO	94.0	39.7	1.11E+09	1.01E+09	90.6	4.26E+08	66.1	7.9	26.0		5.03E+06
29	27	CALLAWAY	MO	91.9	38.8	2.16E+09	1.44E+09	66.5	6.77E+08	45.9	25.4	28.7	3.32E+05	9.72E+06
29	29	CAMDEN	MO	92.8	38.0	1.66E+09	7.06E+08	42.6	5.34E+08	30.4	49.5	20.1	7.69E+04	3.06E+06
29	31	CAPE GIRARDE	MO	89.7	37.4	1.49E+09	1.15E+09	77.5	4.32E+08	62.4	19.7	17.8	1.73E+06	5.16E+06
29	33	CARROLL	MO	93.5	39.4	1.80E+09	1.65E+09	91.5	5.00E+08	55.3	7.9	36.7	3.12E+05	8.65E+06
29	35	CARTER	MO	91.0	36.9	1.31E+09	2.21E+08	16.9	1.23E+08	41.6	50.2	8.2	2.87E+05	5.54E+05
29	37	CASS	MO	94.4	38.6	1.81E+09	1.47E+09	81.4	7.03E+08	51.5	10.1	38.4	7.15E+06	9.12E+06
29	39	CEDAR	MO	93.9	37.7	1.28E+09	8.37E+08	65.1	5.70E+08	44.6	21.2	34.3	2.23E+06	3.01E+06
29	41	CHARITON	MO	93.0	39.5	1.95E+09	1.65E+09	84.3	5.06E+08	60.0	12.5	27.5	6.31E+05	7.02E+06
29	43	CHRISTIAN	MO	93.2	37.0	1.47E+09	8.96E+08	61.0	6.18E+08	55.4	22.6	22.0	6.64E+05	2.44E+06
29	45	CLARK	MO	91.7	40.4	1.31E+09	1.05E+09	80.5	3.80E+08	38.1	19.2	42.7	1.40E+06	4.40E+06
29	47	CLAY	MO	94.4	39.3	1.07E+09	6.39E+08	59.9	3.24E+08	44.8	5.5	49.7	4.37E+05	3.26E+06
29	49	CLINTON	MO	94.4	39.6	1.09E+09	9.78E+08	90.0	4.51E+08	53.2	6.1	40.7	4.05E+03	6.18E+06
29	51	COLE	MO	92.3	38.5	9.94E+08	7.25E+08	72.9	4.33E+08	45.3	32.8	21.9	1.21E+04	2.26E+06
29	53	COOPER	MO	92.8	38.8	1.46E+09	1.25E+09	85.6	5.48E+08	50.3	22.1	27.6	5.06E+05	5.46E+06
29	55	CRAWFORD	MO	91.3	38.0	1.97E+09	7.48E+08	38.0	5.07E+08	39.1	36.7	24.2	1.70E+05	1.98E+06
29	57	DADE	MO	93.9	37.4	[illegible]1E+09	1.01E+09	77.5	6.36E+08	45.5	11.5	43.1	6.66E+06	5.03E+06
29	59	DALLAS	MO	93.0	37.7	1.39E+09	8.94E+08	64.3	6.35E+08	47.1	24.5	28.4		3.74E+06
29	61	DAVIESS	MO	94.0	40.0	1.46E+09	1.27E+09	86.9	4.72E+08	54.7	13.6	31.7		6.34E+06
29	63	DE KALB	MO	94.4	39.9	1.10E+09	9.62E+08	87.8	4.35E+08	54.9	6.5	38.7		6.18E+06
29	65	DENT	MO	91.5	37.6	1.96E+09	8.02E+08	41.0	5.76E+08	43.8	23.5	32.7	4.86E+04	3.10E+06
29	67	DOUGLAS	MO	92.5	36.9	2.09E+09	1.13E+09	53.9	8.49E+08	42.4	30.0	27.6	3.04E+05	2.66E+06
29	69	DUNKLIN	MO	90.1	36.3	1.41E+09	1.18E+0[illegible]	84.0	4.23E+07	49.3	17.7	33.0	1.89E+07	4.13E+05
29	71	FRANKLIN	MO	91.1	38.4	2.42E+09	1.34E+09	55.5	5.87E+08	53.9	26.8	19.3	1.94E+05	4.10E+06
29	73	GASCONADE	MO	91.5	38.4	1.35E+09	8.62E+08	64.1	4.54E+08	35.7	44.2	20.1		2.67E+06
29	75	GENTRY	MO	94.4	40.2	1.26E+09	1.13E+09	89.3	5.44E+08	40.8	9.4	29.8	8.09E+04	5.45E+06
29	77	GREENE	MO	93.4	37.3	1.75E+09	1.16E+09	66.2	8.14E+08	52.8	18.0	29.2	6.47E+05	3.67E+06
29	79	GRUNDY	MO	93.6	40.1	1.13E+09	9.47E+08	84.1	3.82E+08	54.6	12.0	33.4	2.51E+05	4.72E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
29	81	HARRISON	MO	94.0	40.4	1.86E+09	1.61E+09	86.3	7.92E+08	51.1	10.0	38.8		9.45E+06
29	83	HENRY	MO	93.8	38.4	1.90E+09	1.49E+09	78.5	6.87E+08	54.0	12.0	33.9	1.34E+05	7.14E+06
29	85	HICKORY	MO	93.3	37.9	9.74E+08	6.56E+08	67.2	4.66E+08	31.7	31.1	37.2	5.88E+06	2.08E+06
29	87	HOLT	MO	95.2	40.1	1.19E+09	1.13E+09	95.1	2.49E+08	54.7	11.0	34.3	7.31E+06	2.83E+06
29	89	HOWARD	MO	92.7	39.1	1.22E+09	1.04E+09	85.3	4.85E+08	51.1	20.8	28.2	3.40E+06	5.61E+06
29	91	HOWELL	MO	91.9	36.8	2.38E+09	1.30E+09	54.4	9.75E+08	46.7	22.7	30.6	1.34E+05	6.38E+06
29	93	IRON	MO	90.8	37.6	1.43E+09	2.82E+08	19.6	1.73E+08	54.9	29.9	15.2	4.86E+04	5.83E+05
29	95	JACKSON	MO	94.4	39.0	1.56E+09	6.89E+08	44.1	2.82E+08	51.6	7.9	40.5	1.19E+06	3.08E+06
29	97	JASPER	MO	94.4	37.2	1.66E+09	1.14E+09	68.8	4.94E+08	53.9	12.0	34.1	1.66E+07	5.84E+06
29	99	JEFFERSON	MO	90.5	38.3	1.73E+09	5.64E+08	32.6	3.11E+08	38.7	41.9	19.4	1.31E+05	1.11E+06
29	101	JOHNSON	MO	93.8	38.7	2.14E+09	1.74E+09	81.5	9.02E+08	57.6	10.5	31.9	1.02E+04	1.11E+07
29	103	KNOX	MO	92.1	40.1	1.33E+09	1.23E+09	92.4	4.58E+08	48.7	12.4	38.9		4.61E+06
29	105	LACLEDE	MO	92.6	37.7	1.99E+09	1.22E+09	61.2	8.96E+08	47.5	24.7	27.8	2.67E+05	5.05E+06
29	107	LAFAYETTE	MO	93.8	39.1	1.64E+09	1.52E+09	93.1	4.94E+08	57.3	9.8	32.9	4.62E+06	1.09E+07
29	109	LAWRENCE	MO	93.8	37.1	1.60E+09	1.28E+09	79.7	7.98E+08	62.6	10.0	27.3	2.53E+06	7.16E+06
29	111	LEWIS	MO	91.7	40.1	1.31E+09	1.07E+09	81.1	3.94E+08	45.9	17.7	36.3	2.27E+05	5.75E+06
29	113	LINCOLN	MO	91.0	39.1	1.62E+09	1.21E+09	74.9	4.45E+08	45.6	25.4	28.9	1.14E+04	5.31E+06
29	115	LINN	MO	93.1	39.9	1.61E+09	1.40E+09	86.7	6.28E+08	59.2	8.2	32.6		7.07E+06
29	117	LIVINGSTON	MO	93.5	39.8	1.37E+09	1.14E+09	83.0	4.11E+08	55.1	13.7	31.2	3.24E+05	4.73E+06
29	119	MC DONALD	MO	94.4	36.6	1.40E+09	6.88E+08	49.2	4.89E+08	45.7	24.2	28.1	1.78E+06	2.06E+06
29	121	MACON	MO	92.5	39.8	2.07E+09	1.65E+09	79.6	7.49E+08	57.3	14.5	36.2	5.75E+05	5.70E+06
29	123	MADISON	MO	90.3	37.5	1.28E+09	4.38E+08	34.1	2.35E+08	39.5	32.7	27.8		6.72E+05
29	125	MARIES	MO	91.9	38.2	1.36E+09	8.53E+08	62.7	4.24E+08	35.9	43.4	20.7		2.94E+06
29	127	MARION	MO	91.6	39.8	1.13E+09	1.01E+09	88.8	3.24E+08	48.0	26.1	25.8	2.43E+04	3.78E+06
29	129	MERCER	MO	93.6	40.4	1.18E+09	9.65E+08	81.9	5.38E+08	47.5	11.0	41.5	8.09E+03	5.06E+06
29	131	MILLER	MO	92.4	38.2	1.55E+09	9.53E+08	61.3	7.06E+08	38.0	42.0	20.0	8.30E+05	2.74E+06
29	133	MISSISSIPPI	MO	89.3	36.8	1.08E+09	9.82E+08	91.3	6.06E+07	50.0	6.9	43.1	2.43E+07	1.74E+05
29	135	MONITEAU	MO	92.6	38.6	1.08E+09	9.37E+08	86.4	5.27E+08	46.1	20.3	33.6	7.14E+05	4.28E+06
29	137	MONROE	MO	92.0	39.5	1.73E+09	1.37E+09	79.0	5.04E+08	54.8	15.4	29.8	2.43E+04	5.44E+06
29	139	MONTGOMERY	MO	91.5	38.9	1.38E+09	1.05E+09	76.1	3.39E+08	41.1	31.0	27.9	1.82E+05	4.14E+06
29	141	MORGAN	MO	92.9	38.4	1.53E+09	8.28E+08	54.0	4.95E+08	46.5	32.4	21.1	1.50E+06	2.55E+06
29	143	NEW MADRID	MO	89.6	36.6	1.76E+09	1.53E+09	86.8	2.87E+07	63.6	9.3	27.0	1.14E+08	3.04E+05
29	145	NEWTON	MO	94.3	36.9	1.63E+09	1.02E+09	62.4	6.54E+08	51.8	17.2	31.0	3.49E+06	3.28E+06
29	147	NODAWAY	MO	94.9	40.4	2.27E+09	2.09E+09	92.0	8.58E+08	62.5	6.5	31.0	4.61E+05	1.14E+07
29	149	OREGON	MO	91.4	36.7	2.03E+09	1.05E+09	51.7	7.94E+08	37.5	16.9	45.6	1.62E+05	4.48E+06
29	151	OSAGE	MO	91.9	38.5	1.57E+09	1.23E+09	78.2	8.30E+08	30.4	41.6	28.0	2.35E+05	3.10E+06
29	153	OZARK	MO	92.4	36.7	1.89E+09	8.74E+08	46.2	6.92E+08	30.1	29.2	40.6		2.32E+06
29	155	PEMISCOT	MO	89.8	36.2	1.28E+09	1.11E+09	86.8	1.13E+07	55.1	7.9	37.0	1.60E+07	5.50E+05
29	157	PERRY	MO	89.8	37.7	1.22E+09	9.89E+08	81.1	3.88E+08	57.2	28.2	14.6	8.09E+05	4.04E+06
29	159	PETTIS	MO	93.3	38.7	1.76E+09	1.50E+09	85.6	6.04E+08	50.2	14.9	34.9	1.42E+06	6.00E+06
29	161	PHELPS	MO	91.8	37.9	1.75E+09	8.23E+08	46.9	6.01E+08	31.7	28.2	40.1	6.47E+04	2.37E+06
29	163	PIKE	MO	91.2	39.3	1.76E+09	1.37E+09	77.8	5.63E+08	48.6	27.2	24.0	1.09E+03	5.63E+06
29	165	PLATTE	MO	94.8	39.4	1.11E+09	8.06E+08	72.9	2.88E+08	50.4	12.9	36.7	1.83E+06	2.82E+06
29	167	POLK	MO	93.4	37.6	1.65E+09	1.21E+09	73.4	8.61E+08	44.3	19.6	36.1	2.87E+05	4.63E+06
29	169	PU SKI	MO	92.2	37.8	1.43E+09	5.69E+08	39.9	4.35E+08	39.0	38.8	22.2		1.15E+06
29	171	PUL..N	MO	93.0	40.5	1.34E+09	1.08E+09	80.5	6.75E+08	51.6	12.4	36.0		4.23E+06
29	173	RALLS	MO	91.5	39.5	1.24E+09	1.03E+09	82.8	3.54E+08	41.2	25.9	32.9	2.19E+06	4.10E+06
29	175	RANDOLPH	MO	92.5	39.4	1.23E+09	8.60E+08	70.2	3.34E+08	44.6	19.1	36.3	1.13E+05	3.92E+06
29	177	RAY	MO	94.0	39.4	1.48E+09	1.20E+09	80.8	4.34E+08	56.0	15.6	28.4	2.60E+06	5.48E+06
29	179	REYNOLDS	MO	91.0	37.4	2.12E+09	4.04E+08	19.1	1.53E+08	57.0	20.7	22.3	1.21E+05	9.51E+05
29	181	RIPLEY	MO	90.9	36.7	1.66E+09	5.83E+08	35.3	3.26E+08	42.0	27.2	30.8	5.43E+06	1.81E+06
29	183	ST CHARLES	MO	90.7	38.8	1.43E+09	1.01E+09	70.7	1.93E+08	48.1	23.3	28.6	1.29E+06	3.67E+06
29	185	ST CLAIR	MO	90.7	38.2	1.81E+09	1.15E+09	63.7	6.11E+08	38.2	27.1	34.7	4.86E+04	4.07E+06
29	187	ST FRANCOIS	MO	90.5	37.8	1.18E+09	4.61E+08	39.0	2.86E+08	55.8	26.2	18.0	4.05E+03	1.40E+06
29	189	ST LOUIS	MO	90.5	38.6	1.29E+09	3.25E+08	25.1	7.75E+07	53.3	11.3	35.4	3.40E+06	7.77E+05
29	193	STE GENEVIEV	MO	90.2	37.9	1.29E+09	7.95E+08	61.5	3.77E+08	43.9	39.2	16.9	4.05E+05	2.21E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
29	195	SALINE	MO	93.2	39.1	1.96E+09	1.70E+09	86.5	5.42E+08	62.1	12.1	25.8	1.32E+06	6.95E+06
29	197	SCHUYLER	MO	92.5	40.5	7.93E+08	6.93E+08	87.4	4.02E+08	41.0	10.2	48.8		3.10E+06
29	199	SCOTLAND	MO	92.1	40.5	1.14E+09	9.71E+08	85.0	3.71E+08	46.3	10.8	42.9	2.47E+05	7.54E+06
29	201	SCOTT	MO	89.6	37.1	1.09E+09	9.73E+08	89.2	1.18E+08	59.8	12.4	27.7	5.75E+07	8.78E+05
29	203	SHANNON	MO	91.4	37.2	2.59E+09	5.25E+08	20.3	3.53E+08	40.8	32.9	26.3	4.45E+04	2.54E+06
29	205	SHELBY	MO	92.1	39.8	1.30E+09	1.15E+09	88.4	4.02E+08	50.7	18.3	31.0		4.15E+06
29	207	STODDARD	MO	89.9	36.9	2.13E+09	1.76E+09	82.6	2.36E+08	61.9	12.1	26.0	1.78E+08	4.00E+06
29	209	STONE	MO	93.5	36.7	1.16E+09	6.24E+08	53.6	4.97E+08	49.2	25.8	25.0	2.78E+04	1.35E+06
29	211	SULLIVAN	MO	93.1	40.2	1.69E+09	1.45E+09	85.7	8.48E+08	54.7	9.7	35.5		6.22E+06
29	213	TANEY	MO	93.0	36.7	1.59E+09	8.55E+08	53.6	7.34E+08	26.8	41.2	32.0	3.80E+05	1.79E+06
29	215	TEXAS	MO	92.0	37.3	3.04E+09	1.57E+09	51.3	1.12E+09	45.3	22.1	32.6	1.08E+06	4.37E+06
29	217	VERNON	MO	94.4	37.9	2.17E+09	1.70E+09	78.5	7.26E+08	41.8	14.0	44.1	4.08E+06	8.56E+06
29	219	WARREN	MO	91.1	38.8	1.10E+09	7.05E+08	63.9	2.50E+08	32.0	39.4	28.6		2.80E+06
29	221	WASHINGTON	MO	90.9	38.0	1.97E+09	4.66E+08	23.7	2.85E+08	46.8	26.0	27.1	2.91E+05	8.50E+05
29	223	WAYNE	MO	90.5	37.1	1.98E+09	4.35E+08	21.9	1.96E+08	53.7	18.4	27.9	5.63E+05	7.81E+05
29	225	WEBSTER	MO	92.9	37.3	1.53E+09	1.05E+09	69.0	7.40E+08	51.4	21.9	26.7	3.40E+05	4.03E+06
29	227	ORTH	MO	94.4	40.5	6.92E+08	5.90E+08	85.4	2.86E+08	45.7	9.2	45.1	4.41E+05	3.23E+06
29	229	WRIGHT	MO	92.3	37.3	1.77E+09	1.21E+09	68.4	9.10E+08	41.6	25.6	32.7	7.61E+05	3.45E+06
30	0		MT			3.77E+11	2.52E+11	66.7	1.87E+11	2.5	3.4	94.2	7.12E+09	3.18E+08
30	1	BEAVERHEAD	MT	112.9	45.1	1.44E+10	5.33E+09	37.1	4.55E+09	3.4	1.0	95.6	7.80E+08	7.77E+05
30	3	BIG HORN	MT	107.5	45.4	1.30E+10	1.07E+10	82.4	9.63E+09	1.9	4.9	93.2	1.36E+08	5.63E+06
30	5	BLAINE	MT	109.0	48.4	1.11E+10	9.52E+09	86.0	7.77E+09	0.7	1.0	98.3	2.06E+08	1.05E+07
30	7	BROADWATER	MT	111.5	46.3	3.09E+09	1.68E+09	54.5	1.26E+09	5.9	5.4	88.7	1.77E+08	2.14E+05
30	9	CARBON	MT	109.0	45.2	5.35E+09	2.62E+09	49.0	2.03E+09	12.1	0.9	87.1	2.89E+08	1.40E+06
30	11	CARTER	MT	104.5	45.5	8.58E+09	6.27E+09	73.0	5.64E+09	0.8	0.6	98.5	2.41E+07	2.81E+07
30	13	CASCADE	MT	111.3	47.3	6.89E+09	5.67E+09	82.3	3.88E+09	3.0	4.0	93.0	1.20E+08	4.85E+06
30	15	CHOUTEAU	MT	110.4	47.9	1.02E+10	9.71E+09	95.5	4.71E+09	1.5	0.4	98.1	5.31E+07	1.55E+07
30	17	CUSTER	MT	105.5	46.3	9.73E+09	9.59E+09	98.6	8.87E+09	0.4	0.4	99.2	1.22E+08	1.00E+07
30	19	DANIELS	MT	105.5	48.8	3.74E+09	3.57E+09	95.4	1.32E+09	8.2		91.8	8.16E+06	1.49E+06
30	21	DAWSON	MT	104.9	47.3	6.14E+09	5.70E+09	92.8	3.91E+09	1.9	0.2	97.9	6.18E+07	7.15E+06
30	23	DEER LODGE	MT	113.1	46.1	1.92E+09	9.41E+08	49.1	3.86E+08	8.2		91.8	6.50E+07	3.64E+04
30	25	FALLON	MT	104.4	46.3	4.23E+09	3.74E+09	88.4	2.81E+09	2.1	0.1	97.7	1.65E+07	7.50E+06
30	27	FERGUS	MT	109.2	47.3	1.10E+10	8.86E+09	80.6	6.63E+09	3.4	4.3	92.4	5.08E+07	1.53E+07
30	29	FLATHEAD	MT	114.0	48.3	1.33E+10	1.34E+09	10.1	8.66E+08	10.1	38.6	51.3	1.13E+08	2.02E+05
30	31	GALLATIN	MT	111.2	45.6	6.52E+09	3.39E+09	52.0	3.40E+09	10.0	3.9	86.1	3.42E+08	1.66E+06
30	33	GARFIELD	MT	107.0	47.3	1.15E+10	8.49E+09	73.6	7.83E+09	0.2	1.6	98.3	2.05E+07	2.37E+07
30	35	GLACIER	MT	113.0	48.7	7.68E+09	6.53E+09	85.1	4.87E+09	1.4	0.5	98.1	6.92E+07	1.25E+06
30	37	GOLDEN VALLE	MT	109.2	46.4	3.05E+09	2.77E+09	90.9	2.43E+09	0.9	2.2	96.9	4.20E+07	2.25E+06
30	39	GRANITE	MT	113.4	46.4	4.49E+09	1.54E+09	34.4	1.29E+09	3.7	13.6	82.6	1.55E+08	3.20E+05
30	41	HILL	MT	110.1	48.6	7.58E+09	7.24E+09	95.5	2.76E+09	2.4	0.3	97.3	1.74E+07	1.44E+07
30	43	JEFFERSON	MT	112.1	46.1	4.28E+09	1.37E+09	31.9	1.12E+09	2.9	7.9	89.2	6.93E+07	1.82E+05
30	45	JUDITH BASIN	MT	110.3	47.0	4.87E+09	3.54E+09	72.7	2.34E+09	4.3	0.3	95.4	4.34E+07	4.22E+06
30	47	LAKE	MT	114.1	47.6	3.87E+09	3.05E+09	78.8	2.47E+09	10.1	29.9	60.0	3.39E+08	8.38E+05
30	49	LEWIS AND CL	MT	112.5	47.1	9.00E+09	3.83E+09	42.5	3.43E+09	2.4	10.5	87.1	1.46E+08	1.27E+06
30	51	LIBERTY	MT	111.0	48.6	3.73E+09	3.73E+09	100.0	1.49E+09	1.6	0.1	98.3	1.07E+07	9.81E+06
30	53	LINCOLN	MT	115.4	48.5	9.62E+09	2.65E+08	2.8	1.92E+08	6.4	54.0	37.5	1.86E+07	4.45E+04
30	55	MC CONE	MT	105.8	47.7	6.75E+09	5.81E+09	86.1	3.86E+09	1.6		98.4	1.39E+07	1.31E+07
30	57	MADISON	MT	111.9	45.3	9.14E+09	4.82E+09	52.8	4.32E+09	3.6	1.4	95.0	3.80E+08	5.58E+05
30	59	MEAGHER	MT	110.9	46.6	6.10E+09	3.56E+09	58.4	3.28E+09	0.8	2.5	96.8	1.78E+08	3.19E+06
30	61	MINERAL	MT	115.0	47.1	3.16E+09	1.05E+08	3.3	6.57E+07	5.0	55.0	40.0	5.27E+06	4.86E+04
30	63	MISSOULA	MT	113.9	47.0	6.76E+09	1.06E+09	15.7	8.87E+08	7.9	21.0	71.0	8.04E+07	2.99E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M$$2	FARM LAND M$$2	FARM LAND % OF TOTAL	TOT. PASTURE M$$2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M$$2	AGRICULTURAL POND AREA(M$$2)
30	65	MUSSELSHELL	MT	108.4	46.5	4.89E+09	4.89E+09	100.0	4.58E+09	0.6	7.5	91.9	3.74E+07	3.41E+06
30	67	PARK	MT	110.5	45.5	6.80E+09	3.35E+09	49.3	3.81E+09	3.6	6.7	89.7	2.39E+08	1.70E+06
30	69	PETROLEUM	MT	108.2	47.1	4.29E+09	2.82E+09	65.7	2.62E+09			100.0	5.38E+07	8.51E+06
30	71	PHILLIPS	MT	107.9	48.3	1.35E+10	7.88E+09	58.4	6.19E+09	1.0	0.1	98.9	2.05E+08	2.23E+07
30	73	PONDERA	MT	112.2	48.2	4.26E+09	3.59E+09	84.2	1.21E+09	9.1	1.6	89.3	1.71E+08	4.28E+06
30	75	POWDER RIVER	MT	105.6	45.4	8.52E+09	6.96E+09	81.7	6.33E+09	0.9	1.0	98.1	3.59E+07	1.57E+07
30	77	POWELL	MT	112.9	46.8	6.05E+09	2.97E+09	49.1	2.56E+09	3.5	26.0	70.6	2.64E+08	1.10E+06
30	79	PRAIRIE	MT	105.4	46.9	4.48E+09	3.24E+09	72.3	2.74E+09			100.0	2.98E+07	2.65E+06
30	81	RAVALLI	MT	114.1	46.1	6.17E+09	1.09E+09	17.6	7.53E+08	18.0	15.4	66.6	2.80E+08	4.17E+05
30	83	RICHLAND	MT	104.6	47.8	5.39E+09	4.70E+09	87.2	2.93E+09	2.7	0.3	97.0	1.15E+08	8.13E+06
30	85	ROOSEVELT	MT	105.0	48.3	6.18E+09	6.18E+09	100.0	2.99E+09	4.5	0.1	95.4	1.78E+07	3.73E+06
30	87	ROSEBUD	MT	106.7	46.2	1.30E+10	1.22E+10	93.3	1.12E+10	0.4		99.6	1.24E+08	1.86E+07
30	89	SANDERS	MT	115.1	47.7	7.19E+09	1.75E+09	24.3	1.53E+09	4.2	31.6	64.2	6.96E+07	3.16E+05
30	91	SHERIDAN	MT	104.5	48.7	4.39E+09	4.39E+09	100.0	1.69E+09	4.4		95.6	5.60E+06	4.38E+06
30	93	SILVER BOW	MT	112.6	45.9	1.85E+09	5.39E+08	29.1	4.63E+08	5.1	5.8	89.0	5.63E+07	2.27E+05
30	95	STILLWATER	MT	109.4	45.7	4.65E+09	3.56E+09	76.7	2.75E+09	2.5	1.8	95.7	9.07E+07	1.84E+06
30	97	SWEET GRASS	MT	109.9	45.8	4.76E+09	3.18E+09	66.8	2.90E+09	4.8	3.5	91.7	1.96E+08	1.07E+06
30	99	TETON	MT	112.2	47.8	5.94E+09	5.08E+09	85.5	3.82E+09	4.7	0.1	95.2	3.42E+08	3.70E+06
30	101	TOOLE	MT	111.7	48.7	5.05E+09	4.40E+09	87.0	1.77E+09	1.2	0.3	98.5	1.14E+07	1.27E+07
30	103	TREASURE	MT	107.3	46.2	2.55E+09	2.33E+09	91.3	2.13E+09	0.6	0.9	98.5	5.39E+07	1.31E+06
30	105	VALLEY	MT	106.7	48.4	1.29E+10	8.80E+09	68.3	5.59E+09	1.7	0.2	98.1	1.44E+08	7.30E+05
30	107	WHEATLAND	MT	109.8	46.5	3.68E+09	3.32E+09	90.2	2.99E+09	1.9	0.3	97.9	1.07E+08	3.59E+06
30	109	WIBAUX	MT	104.2	47.0	2.31E+09	2.05E+09	88.9	1.45E+09	3.6		96.4	1.88E+06	2.74E+06
30	111	YELLOWSTONE	MT	108.3	45.9									
30	113	YELLOWSTNE NA	MT			6.77E+09	5.61E+09	82.8	4.40E+09	3.5	2.5	93.9	2.72E+08	3.20E+06
31	0		NE			1.98E+11	1.87E+11	94.3	1.03E+11	12.8	1.1	86.0	1.61E+10	2.35E+08
31	1	ADAMS	NE	98.5	40.5	1.46E+09	1.38E+09	95.1	3.06E+08	45.5	1.3	53.2	3.97E+08	3.59E+06
31	3	ANTELOPE	NE	98.1	42.2	2.21E+09	2.07E+09	93.8	7.71E+08	35.0	1.8	63.1	3.06E+08	1.34E+06
31	5	ARTHUR	NE	101.7	41.6	1.82E+09	1.82E+09	100.0	1.75E+09	0.4	0.2	99.4	8.01E+06	8.09E+03
31	7	BANNER	NE	103.7	41.6	1.91E+09	1.67E+09	87.3	8.91E+08	8.0		92.0	4.53E+07	6.80E+05
31	9	BLAINE	NE	100.0	41.9	1.84E+09	1.60E+09	86.9	1.42E+09	1.9	0.9	97.2	3.60E+07	1.82E+05
31	11	BOONE	NE	98.1	41.7	1.77E+09	1.77E+09	100.0	8.11E+08	37.0	1.6	61.4	1.97E+08	3.12E+06
31	13	BOX BUTTE	NE	103.1	42.2	2.76E+09	2.73E+09	99.1	1.37E+09	13.0		87.0	2.39E+08	8.13E+05
31	15	BOYD	NE	98.8	42.9	1.39E+09	1.18E+09	84.8	6.83E+08	24.5	1.4	74.1	1.98E+06	2.54E+06
31	17	BROWN	NE	99.9	42.4	3.15E+09	2.51E+09	79.6	1.99E+09	3.1	0.7	96.3	1.88E+08	3.20E+05
31	19	BUFFALO	NE	99.1	40.9	2.46E+09	2.46E+09	100.0	1.17E+09	30.1	1.8	68.1	5.57E+08	4.79E+06
31	21	BURT	NE	96.3	41.8	1.25E+09	1.24E+09	99.0	2.21E+08	43.9	6.1	50.0	8.59E+07	5.67E+05
31	23	BUTLER	NE	97.1	41.2	1.51E+09	1.42E+09	94.0	3.02E+08	43.5	2.9	53.6	2.04E+08	3.44E+06
31	25	CASS	NE	96.1	40.9	1.44E+09	1.33E+09	92.5	2.44E+08	52.2	17.3	30.5	6.50E+06	1.52E+06
31	27	CEDAR	NE	97.3	42.6	1.92E+09	1.80E+09	93.9	5.64E+08	48.7	3.9	47.4	4.15E+07	2.68E+06
31	29	CHASE	NE	101.7	40.5	2.31E+09	2.09E+09	90.6	1.09E+09	6.9	0.1	93.1	3.74E+08	1.42E+06
31	31	CHERRY	NE	101.1	42.5	1.55E+10	1.52E+10	98.2	1.35E+10	2.1	0.3	97.6	8.32E+07	8.30E+05
31	33	CHEYENNE	NE	103.0	41.2	3.07E+09	3.07E+09	100.0	8.95E+08	14.7	0.1	85.2	7.22E+07	1.77E+06
31	35	CLAY	NE	98.1	40.5	1.48E+09	1.44E+09	97.2	3.18E+08	32.2	0.7	67.1	4.72E+08	3.45E+06
31	37	COLFAX	NE	97.1	41.6	1.05E+09	1.05E+09	100.0	2.33E+08	50.3	4.0	45.7	1.53E+08	7.08E+05
31	39	CUMING	NE	96.8	41.9	1.48E+09	1.45E+09	98.2	2.79E+08	64.4	2.4	33.2	2.13E+07	3.72E+05
31	41	CUSTER	NE	99.7	41.4	6.62E+09	6.42E+09	97.0	4.78E+09	8.4	0.2	91.4	4.22E+08	1.23E+07
31	43	DAKOTA	NE	96.6	42.4	6.61E+08	6.30E+08	95.3	1.78E+08	37.8	10.6	51.6	1.13E+07	6.11E+05
31	45	DAWES	NE	103.1	42.7	3.59E+09	3.58E+09	99.8	2.81E+09	6.5	4.5	89.0	3.65E+07	3.95E+06
31	47	DAWSON	NE	99.8	40.9	2.53E+09	2.53E+09	100.0	1.56E+09	16.0	0.4	83.6	7.23E+08	5.46E+06
31	49	DEUEL	NE	102.3	41.1	1.13E+09	1.13E+09	100.0	3.42E+08	16.5		83.5	7.86E+07	8.70E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
31	51	DIXON	NE	96.9	42.5	1.23E+09	1.13E+09	93.8	3.81E+08	55.2	4.8	40.0	8.63E+06	1.47E+06
31	53	DODGE	NE	96.7	41.6	1.37E+09	1.31E+09	95.5	1.72E+08	62.8	6.5	30.6	1.81E+08	4.45E+05
31	55	DOUGLAS	NE	96.1	41.3	8.67E+08	5.62E+08	64.9	8.50E+07	46.7	9.5	43.8	2.84E+07	5.46E+05
31	57	DUNDY	NE	101.7	40.2	2.38E+09	2.14E+09	89.7	1.40E+09	3.5	1.2	95.2	1.51E+08	7.57E+05
31	59	FILLMORE	NE	97.6	40.5	1.49E+09	1.49E+09	100.0	2.43E+08	47.7	1.2	51.2	4.51E+08	3.56E+06
31	61	FRANKLIN	NE	99.0	40.2	1.50E+09	1.37E+09	91.3	6.93E+08	14.7	1.0	84.3	1.66E+08	5.36E+06
31	63	FRONTIER	NE	100.4	40.5	2.49E+09	2.15E+09	86.5	1.30E+09	7.3	0.8	91.9	1.52E+08	4.70E+06
31	65	FURNAS	NE	99.9	40.2	1.87E+09	1.79E+09	95.6	7.48E+08	20.1	0.9	79.1	1.38E+08	7.98E+06
31	67	GAGE	NE	96.7	40.3	2.22E+09	2.22E+09	100.0	5.86E+08	42.0	4.0	54.0	1.25E+08	9.93E+06
31	69	GARDEN	NE	102.3	41.6	4.35E+09	4.17E+09	96.3	3.45E+09	2.2		97.7	4.95E+07	1.58E+05
31	71	GARFIELD	NE	99.0	41.9	1.47E+09	1.33E+09	90.4	9.94E+08	7.9	0.1	92.1	4.18E+07	7.45E+05
31	73	GOSPER	NE	99.8	40.5	1.20E+09	9.85E+08	82.0	4.68E+08	16.0	0.8	83.2	1.67E+08	2.31E+06
31	75	GRANT	NE	101.7	41.9	1.98E+09	1.98E+09	100.0	3.06E+09	2.8		97.2	3.53E+06	1.63E+06
31	77	GREELEY	NE	98.5	41.6	1.48E+09	1.35E+09	91.7	8.73E+08	16.9	0.3	82.7	1.18E+08	4.10E+06
31	79	HALL	NE	98.5	40.9	1.39E+09	1.25E+09	90.0	3.48E+08	31.0	0.4	68.6	5.80E+08	1.24E+06
31	81	HAMILTON	NE	98.0	40.9	1.39E+09	1.39E+09	100.0	3.17E+08	39.9	1.1	59.0	7.16E+08	3.93E+06
31	83	HARLAN	NE	99.4	40.2	1.44E+09	1.37E+09	94.8	5.88E+08	21.2	1.2	77.6	1.69E+08	6.92E+06
31	85	HAYES	NE	101.1	40.5	1.84E+09	1.65E+09	89.8	9.52E+08	7.6	0.3	92.1	7.29E+07	1.55E+06
31	87	HITCHCOCK	NE	101.0	40.2	1.85E+09	1.75E+09	94.9	8.53E+08	12.2	0.2	87.6	1.15E+08	2.49E+06
31	89	HOLT	NE	98.8	42.5	6.23E+09	6.14E+09	98.6	3.98E+09	13.7	0.5	85.8	5.89E+08	3.82E+06
31	91	HOOKER	NE	101.1	41.9	1.87E+09	1.16E+09	62.2	1.09E+09	0.1		99.9	4.78E+06	
31	93	HOWARD	NE	98.5	41.2	1.46E+09	1.27E+09	87.3	6.37E+08	26.0	0.7	73.3	2.48E+08	3.65E+06
31	95	JEFFERSON	NE	97.1	40.2	1.49E+09	1.36E+09	91.1	4.31E+08	38.8	3.1	58.1	1.06E+08	5.90E+06
31	97	JOHNSON	NE	96.3	40.4	9.76E+08	9.09E+08	93.1	3.42E+08	42.4	3.8	53.7	1.50E+07	2.65E+06
31	99	KEARNEY	NE	99.0	40.5	1.33E+09	1.33E+09	100.0	3.29E+08	33.9	1.0	65.1	4.82E+08	1.07E+06
31	101	KEITH	NE	101.7	41.2	2.67E+09	2.67E+09	100.0	1.76E+09	5.5		94.4	1.48E+08	8.54E+05
31	103	KEYA PAHA	NE	99.7	42.9	1.99E+09	1.93E+09	97.0	1.50E+09	6.5	5.4	88.1	3.00E+07	1.30E+06
31	105	KIMBALL	NE	103.7	41.2	2.47E+09	2.41E+09	97.5	7.88E+08	10.9		89.1	4.44E+07	1.13E+06
31	107	KNOX	NE	97.9	42.6	2.87E+09	2.76E+09	96.3	1.36E+09	31.9	2.2	66.0	3.76E+07	9.23E+06
31	109	LANCASTER	NE	96.7	40.8	2.19E+09	1.90E+09	86.8	4.06E+08	49.3	2.7	48.1	2.89E+07	4.98E+06
31	111	LINCOLN	NE	100.8	41.0	6.53E+09	6.14E+09	94.0	4.52E+09	4.7	0.5	94.8	3.75E+08	1.05E+06
31	113	LOGAN	NE	100.5	41.6	1.48E+09	1.48E+09	100.0	1.22E+09	2.4	0.1	97.6	2.96E+07	1.38E+05
31	115	LOUP	NE	99.5	41.9	1.49E+09	1.26E+09	85.1	1.07E+09	4.0	0.1	95.9	5.26E+07	5.14E+05
31	117	MC PHERSON	NE	101.1	41.6	2.22E+09	1.63E+09	73.7	1.45E+09	1.7		98.3	1.80E+07	1.21E+04
31	119	MADISON	NE	97.6	41.9	1.46E+09	1.41E+09	95.0	3.85E+08	49.8	1.4	48.9	1.11E+08	4.29E+05
31	121	MERRICK	NE	98.1	41.2	1.24E+09	1.14E+09	92.0	3.88E+08	35.2	1.9	62.9	4.58E+08	3.40E+05
31	123	MORRILL	NE	103.0	41.7	3.63E+09	3.15E+09	86.7	2.30E+09	7.2		92.8	2.82E+08	7.28E+05
31	125	NANCE	NE	98.0	41.4	1.14E+09	1.05E+09	92.2	4.84E+08	29.3	0.8	69.7	1.09E+08	2.82E+06
31	127	NEMAHA	NE	95.9	40.4	1.04E+09	1.01E+09	98.0	3.00E+08	47.0	9.5	43.5	5.91E+05	1.97E+06
31	129	NUCKOLLS	NE	98.1	40.2	1.50E+09	1.44E+09	96.0	5.56E+08	30.1	1.0	68.9	1.30E+08	4.74E+06
31	131	OTOE	NE	96.1	40.6	1.40E+09	1.31E+09	94.3	3.64E+08	48.1	7.7	44.2	1.20E+07	3.69E+06
31	133	PAWNEE	NE	96.2	40.1	1.12E+09	1.00E+09	89.4	4.19E+08	37.0	3.1	59.9	8.09E+05	3.46E+06
31	135	PERKINS	NE	101.7	40.9	2.29E+09	2.11E+09	92.2	5.21E+08	22.1		77.9	1.59E+08	5.30E+05
31	137	PHELPS	NE	99.4	40.5	1.41E+09	1.41E+09	99.9	3.76E+08	31.3	0.9	67.8	6.02E+08	2.02E+04
31	139	PIERCE	NE	97.6	42.3	1.48E+09	1.38E+09	92.9	4.21E+08	50.2	1.2	48.5	1.21E+08	6.96E+05
31	141	PLATTE	NE	97.5	41.6	1.73E+09	1.62E+09	93.8	3.46E+08	50.1	2.8	47.1	2.64E+08	1.27E+06
31	143	POLK	NE	97.6	41.2	1.12E+09	1.12E+09	100.0	2.35E+08	47.6	1.1	51.4	3.57E+08	3.09E+06
31	145	RED WILLOW	NE	100.5	40.2	1.78E+09	1.75E+09	98.5	8.34E+08	12.7	0.9	86.3	1.54E+08	2.65E+06
31	147	RICHARDSON	NE	95.7	40.1	1.42E+09	1.33E+09	93.2	3.96E+08	46.3	8.4	45.3	3.70E+06	2.48E+06
31	149	ROCK	NE	99.5	42.4	2.61E+09	2.16E+09	82.6	1.66E+09	12.0	1.2	86.8	8.75E+07	5.02E+05
31	151	SALINE	NE	97.1	40.5	1.49E+09	1.39E+09	93.6	2.96E+08	40.6	6.3	53.1	1.91E+08	4.56E+06
31	153	SARPY	NE	96.1	41.1	6.18E+08	4.73E+08	76.5	7.44E+07	52.3	21.8	25.9	1.03E+07	6.47E+05
31	155	SAUNDERS	NE	96.6	41.2	1.97E+09	1.82E+09	92.7	3.20E+08	51.2	4.2	44.6	7.60E+07	1.76E+06
31	157	SCOTTS BLUFF	NE	103.7	41.9	1.88E+09	1.76E+09	93.4	9.17E+08	17.2	0.4	82.4	5.89E+08	5.63E+05
31	159	SEWARD	NE	97.1	40.9	1.48E+09	1.46E+09	98.6	2.98E+08	49.5	4.3	46.2	2.74E+08	6.31E+06
31	161	SHERIDAN	NE	102.4	42.5	6.38E+09	6.05E+09	95.0	4.65E+09	3.8	1.8	94.4	1.18E+08	1.51E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
31	163	SHERMAN	NE	99.0	41.2	1.47E+09	1.33E+09	91.8	8.27E+08	3.7	0.6	70.8	1.14E+08	3.81E+06
31	165	SIOUX	NE	103.8	42.5	5.34E+09	4.11E+09	76.9	3.72E+09	1.7	1.9	96.4	1.13E+08	1.64E+06
31	167	STANTON	NE	97.2	41.9	1.12E+09	1.03E+09	92.7	3.03E+08	43.6	4.0	52.3	3.03E+07	1.08E+06
31	169	THAYER	NE	97.6	40.2	1.49E+09	1.49E+09	100.0	3.70E+08	26.3	1.6	72.0	2.59E+08	6.69E+06
31	171	THOMAS	NE	100.6	41.9	1.85E+09	1.33E+09	72.6	1.27E+09	0.4	0.1	99.5	8.56E+06	2.43E+04
31	173	THURSTON	NE	96.5	42.1	1.00E+09	8.37E+08	83.4	1.51E+08	61.7	5.3	33.0	1.12E+07	3.93E+05
31	175	VALLEY	NE	99.0	41.6	1.47E+09	1.41E+09	96.1	8.54E+08	24.0	0.1	76.0	1.90E+08	4.00E+06
31	177	WASHINGTON	NE	96.2	41.5	1.00E+09	9.41E+08	94.1	1.46E+08	54.5	8.0	37.5	2.25E+07	9.96E+05
31	179	WAYNE	NE	97.1	42.2	1.15E+09	1.11E+09	96.9	2.49E+08	72.5	0.7	26.8	9.37E+06	5.79E+05
31	181	WEBSTER	NE	98.5	40.2	1.49E+09	1.28E+09	85.8	6.29E+08	20.7	0.6	78.7	7.46E+07	6.55E+06
31	183	WHEELER	NE	98.5	41.9	1.49E+09	1.26E+09	84.3	9.45E+08	6.8	0.2	93.1	5.78E+07	2.35E+05
31	185	YORK	NE	97.6	40.9	1.49E+09	1.44E+09	96.3	2.27E+08	49.3	2.5	48.2	6.10E+08	5.37E+06
32	0		NV			2.85E+11	4.38E+10	15.4	4.07E+10	1.5	0.1	98.4	3.15E+09	1.18E+07
32	1	CHURCHILL	NV	118.4	39.6	1.26E+10	1.28E+09	10.2	1.00E+09	6.6	0.2	93.2	2.12E+08	1.49E+06
32	3	CLARK	NV	115.0	36.2	2.04E+10	3.17E+08	1.6	2.67E+08	3.4	15.3	81.2	4.57E+07	2.06E+05
32	5	DOUGLAS	NV	119.6	38.9	1.82E+09	6.56E+08	36.0	5.46E+08	7.2	1.5	91.3	1.83E+08	7.57E+05
32	7	ELKO	NV	115.4	41.2	4.45E+10	1.23E+10	27.6	1.14E+10	1.2		98.8	9.50E+08	5.35E+06
32	9	ESMERALDA	NV	117.6	37.8	9.25E+09	9.23E+09	100.0	1.01E+10	0.1		99.9	3.10E+07	1.01E+05
32	11	EUREKA	NV	116.2	40.0	1.08E+10	1.07E+09	9.9	9.33E+08	2.6		97.4	1.26E+08	1.54E+05
32	13	HUMBOLDT	NV	118.1	41.4	2.51E+10	3.81E+09	15.2	3.29E+09	1.0		99.0	5.82E+08	6.56E+05
32	15	LANDER	NV	117.0	39.9	1.46E+10	2.53E+09	17.4	2.38E+09	0.7		99.3	1.29E+08	3.44E+05
32	17	LINCOLN	NV	114.9	37.6	2.76E+10	2.36E+08	0.9	1.67E+08	38.7	0.2	61.1	7.64E+07	1.50E+05
32	19	LYON	NV	119.2	39.0	5.26E+09	9.41E+08	17.9	7.18E+08	11.1	1.4	87.5	3.11E+08	7.20E+05
32	21	MINERAL	NV	118.4	38.5	9.75E+09	1.33E+09	13.7	1.24E+09	0.5		99.5	2.20E+07	
32	23	NYE	NV	116.3	38.0	4.68E+10	1.80E+09	3.8	1.70E+09	1.8		98.2	1.13E+08	1.74E+05
32	25	CARSON CITY	NV	119.7	39.2	3.88E+08	7.83E+07	20.2	7.29E+07	7.3		92.5	6.99E+06	8.09E+03
32	27	PERSHING	NV	118.4	40.5	1.55E+10	2.62E+09	16.8	2.43E+09	0.5		99.7	1.44E+08	3.64E+04
32	29	STOREY	NV	119.5	39.4	1.65E+10								1.40E+06
32	31	WASHOE	NV	119.7	40.7	1.65E+10	3.69E+09	22.4	3.56E+09	1.7		98.3	1.13E+08	1.40E+06
32	33	WHITE PINE	NV	114.9	39.4	9.31E+10	9.36E+08	4.1	7.93E+08	3.7		96.3	9.86E+07	2.59E+05
33	0		NH			2.34E+10	2.05E+09	8.8	5.33E+08	32.9	49.2	17.9	8.62E+06	1.38E+06
33	1	BELKNAP	NH	71.4	43.5	1.04E+09	7.47E+07	7.2	2.02E+07	28.2	47.7	24.0	1.01E+05	6.45E+04
33	3	CARROLL	NH	71.2	43.9	2.43E+09	9.34E+07	3.8	1.61E+07	32.6	52.9	14.5	2.63E+05	3.64E+04
33	5	CHESHIRE	NH	72.3	42.9	1.85E+09	1.75E+08	9.4	3.93E+07	40.5	39.0	20.5	7.28E+04	1.29E+05
33	7	COOS	NH	71.3	44.7	4.71E+09	2.83E+08	6.0	9.99E+07	35.0	50.9	14.1		1.29E+05
33	9	GRAFTON	NH	71.8	43.9	4.49E+09	4.22E+08	9.4	1.12E+08	29.1	56.3	14.6	4.45E+04	6.88E+04
33	11	HILLSBOROUGH	NH	71.7	42.9	2.30E+09	2.54E+08	11.0	5.14E+07	35.9	40.4	23.8	3.34E+06	3.12E+05
33	13	MERRIMACK	NH	71.7	43.3	2.41E+09	2.64E+08	10.9	6.21E+07	29.5	52.4	18.1	1.86E+06	1.78E+05
33	15	ROCKINGHAM	NH	71.1	43.0	1.79E+09	1.85E+08	10.4	4.66E+07	32.5	41.1	26.4	2.58E+06	3.24E+05
33	17	STRAFFORD	NH	71.0	43.3	9.73E+08	1.03E+08	10.6	2.29E+07	40.7	33.7	25.6	3.08E+05	7.69E+04
33	19	SULLIVAN	NH	72.2	43.4	1.40E+09	1.96E+08	14.0	5.63E+07	35.4	50.9	13.7	5.67E+04	8.09E+04

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
34	0		NJ			1.95E+10	3.89E+09	20.0	6.50E+08	51.7	20.0	28.3	3.61E+08	1.29E+07
34	1	ATLANTIC	NJ	74.7	39.5	1.47E+09	1.22E+08	8.3	8.32E+06	21.4	66.9	11.7	3.57E+07	2.36E+06
34	3	BERGEN	NJ	74.1	41.0	6.06E+08	1.20E+07	2.0	1.51E+06	47.3	47.0	5.6	2.48E+06	5.26E+04
34	5	BURLINGTON	NJ	74.7	39.9	2.12E+09	5.78E+08	27.2	9.37E+07	30.7	45.3	24.0	4.62E+07	3.10E+06
34	7	CAMDEN	NJ	74.9	39.8	5.72E+08	4.03E+07	7.0	3.72E+06	25.0	33.6	41.4	1.14E+07	9.31E+04
34	9	CAPE MAY	NJ	74.8	39.2	6.91E+08	4.57E+07	6.6	2.63E+06	50.5	15.5	33.9	9.42E+06	6.88E+04
34	11	CUMBERLAND	NJ	75.1	39.4	1.29E+09	3.29E+08	25.4	2.58E+07	40.4	25.7	33.9	8.94E+07	5.06E+05
34	13	ESSEX	NJ	74.2	40.8	3.35E+08	8.45E+06	2.5	1.74E+06	45.7	16.3	38.0	7.20E+05	2.02E+04
34	15	GLOUCESTER	NJ	75.1	39.7	8.33E+08	2.64E+08	31.0	2.10E+07	45.5	31.6	22.9	4.17E+07	1.14E+06
34	17	HUDSON	NJ	74.1	40.7	1.23E+08	1.21E+04						1.21E+04	
34	19	HUNTERDON	NJ	74.9	40.6	1.10E+09	4.42E+08	40.3	1.04E+08	59.4	12.1	28.5	1.63E+06	5.95E+05
34	21	MERCER	NJ	74.7	40.3	5.90E+08	1.78E+08	30.2	1.89E+07	53.7	8.4	35.8	9.67E+06	9.55E+05
34	23	MIDDLESEX	NJ	74.4	40.4	8.09E+08	1.31E+08	16.2	6.70E+06	40.2	17.8	42.0	1.14E+07	2.91E+05
34	25	MONMOUTH	NJ	74.2	40.3	1.23E+09	3.11E+08	25.3	2.80E+07	48.3	15.0	19.8	2.64E+07	1.12E+06
34	27	MORRIS	NJ	74.6	40.9	1.21E+09	1.18E+08	9.7	2.62E+07	62.3	18.0	19.7	2.58E+06	2.06E+05
34	29	OCEAN	NJ	74.3	39.9	1.66E+09	3.79E+07	2.3	5.81E+06	74.8	10.4	12.7	4.86E+06	1.58E+05
34	31	PASSAIC	NJ	74.3	41.0	4.97E+08	3.62E+06	0.7	1.94E+05	14.6		85.4	3.48E+05	2.43E+04
34	33	SALEM	NJ	75.3	39.6	9.46E+08	4.02E+08	42.5	5.36E+07	66.2	10.0	23.8	5.67E+07	8.34E+05
34	35	SOMERSET	NJ	74.6	40.6	7.94E+08	1.92E+08	24.1	4.64E+07	61.9	6.7	31.5	8.75E+05	1.09E+05
34	37	SUSSEX	NJ	74.7	41.1	1.37E+09	3.36E+08	24.6	1.24E+08	30.2	16.9	32.9	2.47E+05	3.84E+05
34	39	UNION	NJ	74.3	40.7	2.66E+08	2.42E+06	0.9	1.50E+05		56.8	43.2	5.38E+05	2.43E+04
34	41	WARREN	NJ	75.0	40.9	9.36E+08	3.37E+08	36.0	7.60E+07	54.1	13.6	32.3	6.45E+06	8.22E+05
35	0		NM			3.14E+11	1.90E+11	60.5	1.81E+11	1.2	4.9	93.9	3.51E+09	7.27E+07
35	1	BERNALILLO	NM	106.7	35.0	3.03E+09	1.50E+09	49.4	1.38E+09	3.1	1.3	96.7	4.51E+07	9.31E+04
35	3	CATRON	NM	108.4	33.9	1.79E+10	6.79E+09	38.0	6.74E+09	0.4	0.3	99.3	7.60E+06	2.27E+06
35	5	CHAVES	NM	104.5	33.4	1.58E+10	1.12E+10	71.2	1.08E+10	0.4		99.5	3.38E+08	6.18E+06
35	7	COLFAX	NM	104.6	36.6	9.75E+09	9.18E+09	94.2	8.79E+09	1.4	22.6	76.0	5.40E+07	9.52E+06
35	9	CURRY	NM	103.4	34.6	3.63E+09	3.39E+09	93.3	1.78E+09	9.7		90.3	5.86E+08	1.44E+06
35	11	DE BACA	NM	104.4	34.3	6.10E+09	5.16E+09	84.5	5.10E+09	0.3		99.7	2.67E+07	1.44E+06
35	13	DONA ANA	NM	106.8	32.4	9.85E+09	1.95E+09	19.8	1.42E+09	1.4	2.9	95.7	3.44E+08	2.70E+04
35	15	EDDY	NM	104.3	32.5	1.08E+10	4.21E+09	39.0	3.89E+09	1.2	0.1	98.6	2.24E+08	1.41E+06
35	17	GRANT	NM	108.4	32.7	1.03E+10	4.81E+09	46.7	4.75E+09	0.7	0.3	99.1	2.14E+07	2.64E+06
35	19	GUADALUPE	NM	104.8	34.9	7.74E+09	6.42E+09	83.2	6.37E+09	0.6	0.4	99.0	6.34E+06	1.78E+06
35	21	HARDING	NM	103.8	35.9	5.53E+09	5.53E+09	100.0	5.44E+09	0.9	0.8	98.4	2.99E+07	2.90E+06
35	23	HIDALGO	NM	108.7	31.9	8.93E+09	5.52E+09	61.8	5.36E+09	0.3		99.7	1.09E+08	1.31E+06
35	25	LEA	NM	103.4	32.8	1.14E+10	9.13E+09	80.2	8.76E+09	0.9		99.1	2.49E+08	1.50E+06
35	27	LINCOLN	NM	105.5	33.8	1.26E+10	8.78E+09	69.8	8.75E+09	0.4	2.6	96.9	1.15E+07	1.61E+06
35	29	LUNA	NM	107.8	32.2	7.66E+09	3.34E+09	43.6	3.05E+09	0.2	0.1	99.7	2.01E+08	1.31E+06
35	31	MC KINLEY	NM	108.3	35.6	1.41E+10	1.36E+10	96.4	1.35E+10	0.1	14.0	85.9	8.86E+06	3.42E+06
35	33	MORA	NM	105.0	36.0	5.02E+09	4.58E+09	91.1	4.46E+09	2.1	2.6	95.4	2.86E+07	3.31E+06
35	35	OTERO	NM	105.7	32.4	1.72E+10	4.17E+09	24.3	4.07E+09	1.2	23.5	75.3	3.95E+07	1.04E+06
35	37	QUAY	NM	103.5	35.1	7.45E+09	7.45E+09	100.0	6.97E+09	2.5	0.2	97.3	1.55E+08	4.17E+06
35	39	RIO ARRIBA	NM	106.7	36.5	1.51E+10	5.94E+09	39.3	5.55E+09	3.0	31.0	66.0	9.14E+07	1.35E+06
35	41	ROOSEVELT	NM	103.5	34.0	6.36E+09	6.19E+09	97.4	4.95E+09	4.8		95.2	3.39E+08	7.97E+05
35	43	SANDOVAL	NM	106.9	35.7	9.62E+09	3.20E+09	33.2	2.57E+09	1.2	19.6	79.2	3.05E+07	4.45E+05
35	45	SAN JUAN	NM	108.3	36.5	1.43E+10	7.74E+09	54.3	7.06E+09	0.7	2.2	97.1	1.16E+08	1.02E+06
35	47	SAN MIGUEL	NM	104.8	35.5	1.23E+10	8.51E+09	69.3	8.31E+09	2.1	3.0	95.9	2.34E+07	3.14E+06
35	49	SANTA FE	NM	106.0	35.5	4.93E+09	3.15E+09	63.9	3.00E+09	1.4	2.1	96.5	4.20E+07	2.84E+06
35	51	SIERRA	NM	107.2	33.1	1.08E+10	5.01E+09	46.4	4.95E+09	0.2	0.1	99.7	2.80E+07	7.69E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
35	53	SOCORRO	NM	106.9	34.0	1.71E+10	7.68E+09	44.9	7.58E+09	0.6	0.3	99.1	6.29E+07	1.95E+06
35	55	TAOS	NM	105.6	36.6	5.84E+09	1.18E+09	20.2	1.11E+09	3.6	11.0	85.4	4.23E+07	5.56E+05
35	57	TORRANCE	NM	105.8	34.6	8.67E+09	6.21E+09	71.7	6.03E+09	2.3	2.1	95.6	7.16E+07	1.32E+06
35	59	UNION	NM	103.5	36.5	9.08E+09	8.28E+09	83.7	7.85E+09	1.5		98.5	1.00E+08	7.03E+06
35	61	VALENCIA	NM	107.8	34.9	1.46E+10	9.87E+09	67.4	9.72E+09	0.5	5.3	94.1	7.39E+07	1.47E+06
36	0		NY			1.24E+11	3.81E+10	30.7	1.15E+10	43.3	20.5	36.2	2.21E+08	4.98E+07
36	1	ALBANY	NY	74.0	42.6	1.36E+09	3.04E+08	22.4	8.60E+07	44.4	19.1	36.5	1.45E+06	5.91E+05
36	3	ALLEGANY	NY	78.0	42.3	2.71E+09	9.53E+08	35.1	3.36E+08	39.2	21.6	39.2	2.83E+05	1.15E+06
36	5	BRONX	NY	73.9	40.9	1.85E+09								7.37E+05
36	7	BROOME	NY	75.8	42.2	1.85E+09	5.92E+08	32.0	2.25E+08	32.0	16.8	51.2	1.63E+06	7.37E+05
36	9	CATTARAUGUS	NY	78.7	42.2	3.41E+09	1.06E+09	31.1	3.97E+08	39.1	25.6	35.3	4.13E+05	1.25E+06
36	11	CAYUGA	NY	76.6	42.9	1.81E+09	1.09E+09	60.5	1.58E+08	56.2	16.3	27.6	6.19E+05	8.62E+05
36	13	CHAUTAUQUA	NY	79.4	42.2	2.80E+09	1.29E+09	45.9	3.82E+08	40.1	20.9	39.0	1.91E+06	2.44E+06
36	15	CHEMUNG	NY	76.8	42.1	1.07E+09	3.40E+08	31.6	1.01E+08	55.4	20.3	24.2	1.26E+06	4.09E+05
36	17	CHENANGO	NY	75.6	42.5	2.34E+09	1.05E+09	45.1	4.08E+08	39.4	18.4	42.2	8.90E+04	1.61E+06
36	19	CLINTON	NY	73.7	44.7	2.74E+09	8.16E+08	29.8	3.45E+08	33.9	40.7	25.4	6.15E+05	2.43E+05
36	21	COLUMBIA	NY	73.6	42.3	1.67E+09	6.32E+08	37.8	1.48E+08	39.6	25.7	34.7	5.88E+06	1.58E+06
36	23	CORTLAND	NY	76.1	42.6	1.30E+09	6.99E+08	53.7	2.59E+08	31.5	20.0	48.5	5.22E+05	7.69E+05
36	25	DELAWARE	NY	75.0	42.2	3.74E+09	1.25E+09	33.3	5.47E+08	40.0	19.3	40.6	2.19E+05	1.95E+06
36	27	DUTCHESS	NY	73.8	41.8	2.11E+09	5.50E+08	26.1	1.69E+08	42.9	8.5	48.6	3.15E+06	1.86E+06
36	29	ERIE	NY	78.7	42.8	2.74E+09	8.58E+08	31.3	1.74E+08	49.5	21.1	29.4	1.48E+07	1.57E+06
36	31	ESSEX	NY	73.8	44.1	4.73E+09	2.99E+08	6.3	7.93E+07	38.2	35.4	26.4	2.06E+05	8.50E+04
36	33	FRANKLIN	NY	74.3	44.6	4.34E+09	6.76E+08	15.6	3.06E+08	40.5	32.0	27.5	3.28E+05	1.90E+05
36	35	FULTON	NY	74.4	43.1	1.29E+09	1.80E+08	13.9	4.63E+07	54.9	16.2	28.9	6.88E+04	1.90E+05
36	37	GENESEE	NY	78.2	43.0	1.30E+09	7.89E+08	60.8	1.05E+08	46.3	12.3	41.4	5.37E+06	8.50E+05
36	39	GREENE	NY	74.1	42.3	1.69E+09	2.88E+08	17.0	9.11E+07	40.9	30.0	29.1	8.50E+04	2.67E+05
36	41	HAMILTON	NY	74.5	43.7	3.72E+09								9.71E+05
36	43	HERKIMER	NY	75.0	43.4	3.72E+09	7.89E+08	21.2	3.08E+08	51.3	14.2	34.5	4.17E+05	9.71E+05
36	45	JEFFERSON	NY	75.9	44.0	3.35E+09	1.60E+09	47.8	6.21E+08	43.6	12.1	44.3	8.88E+05	6.52E+05
36	47	KINGS	NY	74.0	40.6	3.34E+09								5.46E+05
36	49	LEWIS	NY	75.5	43.8	3.34E+09	8.01E+08	24.0	3.00E+08	41.3	25.8	32.9	9.15E+05	5.46E+05
36	51	LIVINGSTON	NY	77.8	42.7	1.65E+09	1.08E+09	65.4	2.29E+08	44.9	14.3	40.8	3.03E+06	1.21E+06
36	53	MADISON	NY	75.7	42.9	1.71E+09	9.59E+08	56.1	3.07E+08	38.7	22.1	39.2	5.26E+04	1.42E+06
36	55	MONROE	NY	77.7	43.1	1.75E+09	5.56E+08	31.8	8.40E+07	51.1	9.5	39.4	7.88E+06	5.67E+05
36	57	MONTGOMERY	NY	74.5	42.9	1.06E+09	6.51E+08	61.4	1.78E+08	63.2	9.1	27.7	1.62E+04	1.14E+06
36	59	NASSAU	NY	73.6	40.7	7.47E+08	4.50E+06	0.6	7.45E+05	54.3	1.6	44.0	1.03E+06	1.62E+04
36	61	NEW YORK	NY	74.0	40.8	1.38E+09								8.42E+05
36	63	NIAGARA	NY	78.7	43.2	1.38E+09	6.31E+08	45.7	6.82E+07	73.7	8.3	18.0	4.44E+06	8.42E+05
36	65	ONEIDA	NY	75.4	43.2	3.17E+09	1.21E+09	38.0	4.82E+08	45.9	19.4	34.8	1.61E+06	1.29E+06
36	67	ONONDAGA	NY	76.2	43.0	2.06E+09	8.08E+08	39.3	1.71E+08	51.3	15.8	33.0	1.39E+06	9.47E+05
36	69	ONTARIO	NY	77.3	42.9	1.69E+09	9.07E+08	53.8	1.39E+08	48.4	16.9	34.6	1.18E+06	1.07E+06
36	71	ORANGE	NY	74.3	41.4	2.16E+09	6.11E+08	28.4	2.33E+08	38.2	34.0	27.8	9.43E+06	1.95E+06
36	73	ORLEANS	NY	78.2	43.2	1.03E+09	6.49E+08	63.2	9.48E+07	60.0	9.8	30.2	4.87E+06	1.50E+06
36	75	OSWEGO	NY	76.1	43.4	2.50E+09	6.09E+08	24.4	1.87E+08	50.6	20.0	29.4	6.07E+06	1.11E+06
36	77	OTSEGO	NY	75.0	42.6	2.62E+09	1.25E+09	47.4	4.49E+08	35.5	16.9	47.6	4.33E+05	1.35E+06
36	79	PUTNAM	NY	73.8	41.4	5.99E+08	2.82E+07	4.7	1.26E+07	39.7	43.1	17.2	2.02E+04	2.02E+04
36	81	QUEENS	NY	73.8	40.7	2.90E+08	6.07E+04						2.43E+04	
36	83	RENSSELAER	NY	73.5	42.7	1.72E+09	4.28E+08	24.8	1.33E+08	51.9	18.3	29.7	1.05E+06	7.28E+05
36	85	RICHMOND	NY	74.2	40.6	4.57E+08								1.21E+04
36	87	ROCKLAND	NY	74.0	41.2	4.57E+08	5.77E+06	1.3	3.80E+05	77.7	19.1	3.2	4.37E+05	1.21E+04
36	89	ST LAWRENCE	NY	75.1	44.5	7.17E+09	1.88E+09	26.2	7.76E+08	42.0	22.1	35.9	3.84E+05	4.98E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
36	91	SARATOGA	NY	73.9	43.1	2.12E+09	3.69E+08	17.4	1.03E+08	53.8	19.2	27.0	2.87E+05	4.41E+05
36	93	SCHENECTADY	NY	74.1	42.8	5.36E+08	1.06E+08	19.8	2.87E+07	52.3	19.6	28.1	5.34E+05	3.52E+05
36	95	SCHOHARIE	NY	74.4	42.6	1.42E+09	6.49E+08	46.1	2.23E+08	41.1	19.9	39.0	1.29E+06	1.26E+06
36	97	SCHUYLER	NY	76.9	42.4	8.54E+08	3.27E+08	38.3	8.97E+07	59.6	18.7	21.7	3.44E+04	5.83E+05
36	99	SENECA	NY	76.8	42.8	8.55E+08	4.73E+08	55.4	4.98E+07	53.8	19.7	26.5	4.05E+03	6.39E+05
36	101	STEUBEN	NY	77.4	42.3	3.45E+09	1.77E+09	48.4	5.07E+08	45.3	21.8	32.9	3.63E+06	2.17E+06
36	103	SUFFOLK	NY	72.9	40.9	2.41E+09	2.24E+08	9.3	1.18E+07	37.7	18.2	44.1	1.10E+08	3.52E+05
36	105	SULLIVAN	NY	74.8	41.7	2.54E+09	2.66E+08	10.5	1.07E+08	51.3	23.0	25.7	1.62E+05	5.50E+05
36	107	TIOGA	NY	76.3	42.2	1.36E+09	5.37E+08	39.5	1.71E+08	43.7	22.1	34.3	8.74E+05	1.16E+06
36	109	TOMPKINS	NY	76.5	42.5	1.25E+09	4.98E+08	39.9	1.19E+08	44.2	12.3	43.5	3.52E+05	5.34E+05
36	111	ULSTER	NY	74.3	41.9	2.96E+09	3.17E+08	10.7	5.90E+07	53.5	17.6	28.9	5.77E+06	8.70E+05
36	113	WARREN	NY	73.9	43.6	2.30E+09	2.97E+07	1.3	8.49E+06	42.0	45.6	12.4	1.13E+05	4.86E+04
36	115	WASHINGTON	NY	73.4	43.3	2.14E+09	1.01E+09	46.4	3.75E+08	40.8	24.1	35.1	9.67E+05	9.83E+05
36	117	WAYNE	NY	77.0	43.2	1.57E+09	8.31E+08	52.9	1.36E+08	55.5	14.6	29.9	2.21E+06	1.17E+06
36	119	WESTCHESTER	NY	73.8	41.2	1.15E+09	3.61E+07	3.1	9.66E+06	35.5	30.3	34.2	9.51E+05	7.69E+04
36	121	WYOMING	NY	78.2	42.7	1.55E+09	9.99E+08	64.5	2.33E+08	39.0	19.0	42.0	7.79E+06	1.67E+06
36	123	YATES	NY	77.1	42.6	8.89E+08	4.80E+08	54.0	6.78E+07	57.2	20.0	22.7	1.34E+06	1.08E+06
37	0		NC			1.26E+11	4.55E+10	36.0	1.08E+10	41.1	33.5	25.4	2.08E+08	1.26E+08
37	1	ALAMANCE	NC	79.4	36.0	1.11E+09	5.05E+08	45.6	1.64E+08	49.3	27.6	23.1	3.41E+06	2.85E+06
37	3	ALEXANDER	NC	81.2	35.9	6.72E+08	2.24E+08	33.4	8.57E+07	48.4	24.5	27.0	9.71E+04	3.82E+05
37	5	ALLEGHANY	NC	81.1	36.5	5.83E+08	3.29E+08	56.4	1.98E+08	52.5	15.3	32.2		2.67E+05
37	7	ANSON	NC	80.1	35.0	1.38E+09	5.28E+08	38.3	1.48E+08	41.8	37.7	20.5	3.64E+04	1.13E+06
37	9	ASHE	NC	81.5	36.4	1.10E+09	5.61E+08	50.8	3.37E+08	47.2	26.4	26.4	8.80E+04	9.31E+04
37	11	AVERY	NC	81.9	36.1	6.35E+08	1.19E+08	18.8	5.01E+07	52.7	41.3	6.1	3.48E+05	9.09E+03
37	13	BEAUFORT	NC	76.9	35.5	2.14E+09	6.46E+08	30.2	6.45E+07	37.3	23.2	39.5	1.99E+06	4.48E+05
37	15	BERTIE	NC	77.0	36.1	1.81E+09	7.12E+08	39.4	7.68E+07	28.4	45.9	25.7	1.41E+06	5.10E+05
37	17	BLADEN	NC	78.6	34.6	2.29E+09	6.46E+08	28.3	1.24E+08	25.4	38.3	36.3	1.90E+05	1.74E+06
37	19	BRUNSWICK	NC	78.2	34.1	2.22E+09	2.90E+08	13.1	3.89E+07	38.6	56.8	4.6	1.25E+05	2.75E+05
37	21	BUNCOMBE	NC	82.5	35.6	1.70E+09	4.73E+08	27.8	2.55E+08	37.0	33.0	30.0	1.04E+05	2.79E+05
37	23	BURKE	NC	81.7	35.8	1.32E+09	1.50E+08	11.3	3.54E+07	63.0	20.9	16.1	1.13E+05	3.24E+04
37	25	CABARRUS	NC	80.6	35.4	9.40E+08	4.10E+08	43.6	1.49E+08	44.6	25.5	29.9	6.88E+04	1.07E+06
37	27	CALDWELL	NC	81.6	36.0	1.21E+09	1.97E+08	16.2	5.83E+07	47.5	17.2	35.3	1.42E+05	1.82E+05
37	29	CAMDEN	NC	76.2	36.4	6.18E+08	2.10E+08	34.0	1.07E+07	19.7	21.4	58.9	8.38E+05	1.21E+04
37	31	CARTERET	NC	76.7	34.8	1.39E+09	1.03E+08	7.4	9.53E+06	54.5	35.8	9.7	4.17E+05	9.31E+04
37	33	CASWELL	NC	79.3	36.4	1.11E+09	6.06E+08	54.7	1.70E+08	39.4	38.2	22.4	5.73E+06	3.18E+06
37	35	CATAWBA	NC	81.2	35.7	1.02E+09	3.68E+08	36.1	1.33E+08	54.2	20.5	25.4	8.09E+04	2.58E+05
37	37	CHATHAM	NC	79.2	35.7	1.84E+09	6.32E+08	34.5	2.18E+08	46.6	27.1	26.4	1.51E+06	2.47E+06
37	39	CHEROKEE	NC	84.1	35.1	1.17E+09	1.79E+08	15.3	6.60E+07	44.0	30.6	25.4		1.13E+05
37	41	CHOWAN	NC	76.6	36.2	4.47E+08	2.33E+08	52.1	3.52E+07	14.7	62.0	23.3	1.34E+05	1.46E+05
37	43	CLAY	NC	83.8	35.1	5.42E+08	7.97E+07	14.7	2.87E+07	64.8	24.0	11.2		4.48E+04
37	45	CLEVELAND	NC	81.6	35.3	1.21E+09	5.57E+08	46.0	2.26E+08	53.5	21.4	25.1	4.65E+05	7.65E+05
37	47	COLUMBUS	NC	78.6	34.3	2.45E+09	8.41E+08	34.4	1.35E+08	32.6	33.5	33.9	1.15E+06	2.46E+06
37	49	CRAVEN	NC	77.1	35.1	1.81E+09	4.19E+08	23.1	4.98E+07	26.8	48.6	24.6	2.60E+06	5.18E+05
37	51	CUMBERLAND	NC	78.8	35.0	1.69E+09	6.18E+08	36.5	1.39E+08	23.7	52.3	24.0	4.01E+06	1.57E+06
37	53	CURRITUCK	NC	75.9	36.3	6.37E+08	2.18E+08	34.2	1.10E+07	43.2	26.0	30.8		5.07E+04
37	55	DARE	NC	75.9	35.8	1.42E+09								8.66E+05
37	57	DAVIDSON	NC	80.2	35.8	1.42E+09	4.52E+08	31.8	1.52E+08	50.4	32.0	17.6	5.02E+05	8.66E+05
37	59	DAVIE	NC	80.5	35.9	6.84E+08	3.53E+08	51.4	1.72E+08	45.1	31.4	23.4	1.66E+05	8.78E+05
37	61	DUPLIN	NC	77.9	34.9	2.11E+09	1.10E+09	52.0	1.58E+08	27.2	39.2	33.6	9.06E+05	2.03E+06
37	63	DURHAM	NC	78.9	36.0	7.65E+08	2.25E+08	29.5	5.01E+07	48.5	28.6	22.9	1.28E+06	8.90E+05
37	65	EDGECOMBE	NC	77.6	35.9	1.32E+09	9.12E+08	69.1	1.31E+08	31.2	40.4	28.4	1.11E+06	2.19E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND MS#2	FARM LAND MS#2	FARM LAND % OF TOTAL	TOT. PASTURE MS#2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND MS#2	AGRICULTURAL POND AREA(MS#2)
37	67	FORSYTH	NC	80.3	36.1	1.08E+09	2.99E+08	27.6	1.10E+08	50.0	26.6	23.4	6.03E+05	1.16E+06
37	69	FRANKLIN	NC	78.3	36.1	1.27E+09	6.61E+08	52.0	1.47E+08	30.3	42.8	26.9	1.15E+07	5.19E+06
37	71	GASTON	NC	81.2	35.3	9.23E+08	2.13E+08	23.3	8.59E+07	62.4	21.3	16.3	5.26E+04	3.60E+05
37	73	GATES	NC	76.7	36.4	8.72E+08	3.35E+08	38.4	3.63E+07	37.5	52.5	10.0		8.50E+04
37	75	GRAHAM	NC	83.8	35.4	7.57E+08	6.39E+07	8.4	2.35E+07	36.1	33.3	30.6	4.05E+03	
37	77	GRANVILLE	NC	78.6	36.3	1.39E+09	8.33E+08	59.8	2.48E+08	28.6	38.0	33.4	1.70E+07	5.62E+06
37	79	GREENE	NC	77.7	35.5	6.92E+08	4.13E+08	59.7	4.26E+07	22.0	35.1	42.9	6.54E+05	8.06E+05
37	81	GUILFORD	NC	79.8	36.1	1.70E+09	6.64E+08	39.2	2.07E+08	42.1	20.5	37.4	4.99E+06	2.78E+06
37	83	HALIFAX	NC	77.6	36.3	1.90E+09	1.01E+09	53.0	1.87E+08	33.5	43.5	23.1	4.20E+06	1.25E+06
37	85	HARNETT	NC	78.9	35.4	1.56E+09	7.62E+08	48.8	1.29E+08	32.7	41.8	25.5	1.17E+07	5.83E+06
37	87	HAYWOOD	NC	83.0	35.6	1.43E+09	3.68E+08	25.8	2.29E+08	27.6	35.6	36.8	3.32E+05	1.58E+05
37	89	HENDERSON	NC	82.5	35.3	9.78E+08	2.96E+08	30.2	8.78E+07	47.2	15.4	37.4	3.52E+05	3.20E+05
37	91	HERTFORD	NC	77.0	36.4	9.14E+08	4.19E+08	45.8	7.36E+07	16.6	54.5	28.8	9.31E+04	2.43E+05
37	93	HOKE	NC	79.2	35.0	1.01E+09	3.43E+08	34.1	4.37E+07	25.5	65.1	9.4	3.16E+05	5.34E+05
37	95	HYDE	NC	76.2	35.5	1.59E+09	3.71E+08	23.3	8.39E+07	4.4	58.3	37.2	1.78E+05	1.90E+05
37	97	IREDELL	NC	80.9	35.8	1.18E+09	7.18E+08	48.5	3.32E+08	53.3	24.0	22.7	8.94E+05	1.03E+06
37	99	JACKSON	NC	83.1	35.3	1.27E+09	8.64E+07	6.8	5.36E+07	43.9	38.1	18.0	2.66E+05	2.02E+04
37	101	JOHNSTON	NC	78.4	35.5	2.06E+09	1.18E+09	57.2	1.87E+08	36.7	49.3	14.0	4.56E+06	7.28E+06
37	103	JONES	NC	77.4	35.0	1.21E+09	3.67E+08	30.3	7.50E+07	30.9	24.1	44.9	7.69E+04	4.49E+05
37	105	LEE	NC	79.2	35.5	6.63E+08	2.72E+08	41.1	5.51E+07	47.0	33.8	19.2	6.12E+06	1.74E+06
37	107	LENOIR	NC	77.6	35.3	1.04E+09	6.84E+08	66.0	7.29E+07	25.5	41.7	32.8	6.88E+05	9.51E+05
37	109	LINCOLN	NC	81.2	35.5	7.69E+08	3.31E+08	43.0	1.25E+08	43.2	28.9	27.9	4.33E+05	4.01E+05
37	111	MC DOWELL	NC	82.1	35.7	1.13E+09	1.14E+08	10.3	3.47E+07	48.4	12.4	39.2		1.21E+04
37	113	MACON	NC	83.4	35.2	1.33E+09	1.40E+08	10.5	6.94E+07	42.4	40.1	17.5	2.02E+04	6.47E+04
37	115	MADISON	NC	82.7	35.9	1.17E+09	4.82E+08	41.4	2.86E+08	39.0	42.1	18.9	1.94E+05	1.34E+05
37	117	MARTIN	NC	77.1	35.8	1.18E+09	6.49E+08	55.2	9.76E+07	35.9	44.9	19.1	1.16E+06	9.15E+05
37	119	MECKLENBURG	NC	80.8	35.3	1.37E+09	2.04E+08	14.8	8.75E+07	53.7	24.5	21.8	4.98E+05	5.63E+05
37	121	MITCHELL	NC	82.2	36.0	5.57E+08	1.47E+08	26.4	7.64E+07	38.6	37.2	24.1		4.06E+04
37	123	MONTGOMERY	NC	79.9	35.3	1.26E+09	2.00E+08	15.8	4.80E+07	28.6	48.0	23.5	1.39E+06	6.52E+05
37	125	MOORE	NC	79.4	35.3	1.82E+09	4.71E+08	25.8	9.64E+07	37.9	40.1	21.9	1.03E+07	3.12E+06
37	127	NASH	NC	78.0	36.0	1.41E+09	8.12E+08	57.6	1.22E+08	33.5	35.8	30.7	5.98E+06	5.53E+06
37	129	NEW HANOVER	NC	77.9	34.2	4.80E+08	8.16E+07	17.0	9.31E+06	48.3	15.3	36.4	2.99E+05	8.09E+03
37	131	NORTHAMPTON	NC	77.4	36.4	1.39E+09	8.51E+08	61.3	1.10E+08	29.7	46.3	24.0		8.94E+05
37	133	ONSLOW	NC	77.4	34.7	1.98E+09	3.44E+08	17.4	3.88E+07	41.2	33.3	25.5	7.28E+04	1.98E+05
37	135	ORANGE	NC	79.1	36.1	1.04E+09	3.55E+08	34.3	9.92E+07	44.4	35.8	19.8	3.84E+06	2.05E+06
37	137	PAMLICO	NC	76.7	35.1	8.75E+08	1.87E+08	21.3	1.08E+07	24.8	35.3	37.8	4.86E+04	3.64E+04
37	139	PASQUOTANK	NC	76.3	36.3	5.91E+08	2.55E+08	43.2	1.37E+07	37.7	34.1	28.2	6.02E+06	3.64E+04
37	141	PENDER	NC	77.9	34.5	2.26E+09	4.13E+08	18.3	5.75E+07	27.0	53.6	19.4	4.49E+05	6.19E+05
37	143	PERQUIMANS	NC	76.4	36.2	6.38E+08	3.17E+08	49.8	2.83E+07	16.3	55.4	28.4		8.50E+04
37	145	PERSON	NC	79.0	36.4	1.04E+09	5.33E+08	51.3	1.30E+08	32.4	44.4	23.2	7.83E+04	2.97E+06
37	147	PITT	NC	77.4	35.6	1.70E+09	9.26E+08	54.6	9.67E+07	31.3	46.3	22.4	4.48E+06	2.02E+06
37	149	POLK	NC	82.2	35.3	6.18E+08	1.12E+08	18.0	4.24E+07	58.4	16.7	24.8	4.86E+04	1.50E+05
37	151	RANDOLPH	NC	79.8	35.7	2.07E+09	7.31E+08	35.4	2.20E+08	42.8	30.1	27.2	5.99E+05	2.15E+06
37	153	RICHMOND	NC	79.7	35.0	1.23E+09	3.06E+08	24.9	6.37E+07	25.4	37.6	36.9	3.59E+06	1.88E+06
37	155	ROBESON	NC	79.1	34.6	2.46E+09	1.29E+09	52.6	1.16E+08	39.0	45.5	15.6	2.88E+06	3.33E+06
37	157	ROCKINGHAM	NC	79.8	36.4	1.47E+09	7.16E+08	48.6	1.75E+08	32.2	44.0	23.8	1.23E+07	3.98E+06
37	159	ROWAN	NC	80.5	35.6	1.35E+09	5.28E+08	39.0	1.93E+08	50.7	30.7	18.6	6.76E+05	8.30E+05
37	161	RUTHERFORD	NC	81.9	35.4	1.46E+09	3.37E+08	23.1	1.36E+08	54.9	24.0	21.1	2.43E+04	4.25E+05
37	163	SAMPSON	NC	78.4	35.0	2.45E+09	1.22E+09	49.9	1.89E+08	33.6	46.4	20.0	7.37E+06	4.33E+06
37	165	SCOTLAND	NC	79.5	34.8	8.25E+08	4.35E+08	52.7	7.15E+07	31.2	37.4	31.4	1.50E+06	3.88E+05
37	167	STANLY	NC	80.3	35.3	1.03E+09	4.73E+08	45.9	1.56E+08	48.3	25.4	25.9	4.05E+03	1.17E+06
37	169	STOKES	NC	80.2	36.4	1.18E+09	5.72E+08	48.4	1.69E+08	45.9	30.3	23.9	2.94E+06	1.53E+06
37	171	SURRY	NC	80.7	36.4	1.39E+09	6.47E+08	46.6	2.18E+08	42.9	35.5	21.5	2.67E+06	1.64E+06
37	173	SWAIN	NC	83.5	35.5	1.36E+09	3.97E+07	2.9	7.98E+06	59.7	14.3	25.9	1.21E+04	2.43E+04
37	175	TRANSYLVANIA	NC	82.8	35.2	9.89E+08	6.34E+07	6.4	2.49E+07	69.7	8.3	22.1	8.90E+04	4.05E+03
37	177	TYRRELL	NC	76.2	35.9	1.01E+09	1.54E+08	15.2	1.37E+07	26.8	43.0	10.2		1.62E+04

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
37	179	UNION	NC	80.5	35.0	1.66E+09	8.92E+08	53.9	2.39E+08	49.1	27.8	23.1	2.95E+05	2.74E+06
37	181	VANCE	NC	78.4	36.4	6.45E+08	3.46E+08	53.6	7.08E+07	46.7	28.8	24.5	1.18E+07	3.53E+06
37	183	WAKE	NC	78.6	35.8	2.22E+09	8.27E+08	37.2	1.99E+08	35.1	40.9	24.1	1.35E+07	7.59E+06
37	185	WARREN	NC	78.1	36.4	1.10E+09	4.29E+08	39.0	1.53E+08	27.5	49.8	22.7	3.13E+06	1.19E+06
37	187	WASHINGTON	NC	76.6	35.8	8.87E+08	3.95E+08	44.5	4.13E+07	27.4	31.6	40.9	1.42E+05	2.06E+05
37	189	WATAUGA	NC	81.7	36.2	8.21E+08	2.58E+08	31.5	1.37E+08	50.4	19.4	30.2	2.35E+05	6.07E+04
37	191	WAYNE	NC	78.1	35.4	1.44E+09	8.36E+08	57.9	9.06E+07	38.6	36.9	24.5	1.81E+06	1.20E+06
37	193	WILKES	NC	81.2	36.2	1.96E+09	5.18E+08	26.4	1.65E+08	52.4	24.3	23.3	2.43E+04	2.79E+05
37	195	WILSON	NC	77.9	35.7	9.70E+08	5.84E+08	60.2	6.48E+07	23.1	56.2	20.7	1.73E+06	2.01E+06
37	197	YADKIN	NC	80.7	36.2	8.70E+08	5.06E+08	58.1	1.40E+08	45.3	29.7	25.0	2.47E+06	1.29E+06
37	199	YANCEY	NC	82.3	35.9	8.08E+08	2.12E+08	26.2	1.23E+08	42.5	37.7	19.8	4.05E+04	1.62E+04
38	0		ND			1.79E+11	1.72E+11	95.6	5.26E+10	17.5	1.6	81.0	2.87E+08	1.24E+08
38	1	ADAMS	ND	102.5	46.1	2.56E+09	2.53E+09	98.6	1.03E+09	17.7	0.6	81.6	1.25E+05	2.13E+06
38	3	BARNES	ND	98.1	46.9	3.83E+09	3.83E+09	100.0	5.37E+08	37.3	2.2	60.5	3.74E+06	2.04E+06
38	5	BENSON	ND	99.4	48.1	3.63E+09	3.63E+09	100.0	7.39E+08	27.0	5.5	67.5		1.72E+06
38	7	BILLINGS	ND	103.4	47.0	2.95E+09	2.95E+09	100.0	2.61E+09	2.7	0.1	97.3	2.02E+05	2.11E+06
38	9	BOTTINEAU	ND	100.8	48.8	4.34E+09	4.34E+09	100.0	4.97E+08	28.3	20.4	51.3	3.28E+05	1.76E+06
38	11	BOWMAN	ND	103.5	46.1	3.01E+09	2.88E+09	95.6	1.47E+09	10.4		89.6	2.60E+06	7.45E+06
38	13	BURKE	ND	102.5	48.8	2.90E+09	2.68E+09	92.4	5.46E+08	18.3	0.5	81.2	4.45E+04	2.30E+06
38	15	BURLEIGH	ND	100.5	47.0	4.21E+09	3.98E+09	94.5	1.83E+09	17.4	0.6	81.9	1.44E+07	3.00E+06
38	17	CASS	ND	97.2	46.9	4.53E+09	4.21E+09	93.0	2.85E+08	48.7	5.2	46.1	1.58E+06	3.08E+05
38	19	CAVALIER	ND	98.5	48.8	3.92E+09	3.64E+09	93.1	2.33E+08	23.5	20.4	56.1		3.88E+05
38	21	DICKEY	ND	98.5	46.1	2.96E+09	2.76E+09	93.4	8.00E+08	31.0	0.2	68.9	8.51E+06	2.21E+06
38	23	DIVIDE	ND	103.5	48.8	3.37E+09	3.23E+09	95.9	6.39E+08	22.6	1.0	76.3	2.24E+04	3.04E+06
38	25	DUNN	ND	102.6	47.4	5.14E+09	5.14E+09	100.0	4.00E+09	6.0	1.3	92.7	2.19E+06	4.48E+06
38	27	EDDY	ND	98.9	47.7	1.64E+09	1.55E+09	94.2	4.31E+08	29.7	3.3	67.0	6.88E+05	3.60E+05
38	29	EMMONS	ND	100.2	46.3	3.89E+09	3.51E+09	90.1	1.54E+09	23.2	0.3	76.5	1.73E+06	3.81E+06
38	31	FOSTER	ND	98.9	47.5	1.67E+09	1.64E+09	98.1	3.16E+08	34.0	0.2	65.7	1.62E+14	6.60E+05
38	33	GOLDEN VALLE	ND	103.8	46.9	2.63E+09	2.06E+09	78.5	1.13E+09	6.8		93.2	4.42E+06	2.65E+06
38	35	GRAND FORKS	ND	97.4	47.9	3.72E+09	3.50E+09	94.1	2.82E+08	40.5	6.8	52.7	1.65E+06	1.11E+06
38	37	GRANT	ND	101.6	46.4	4.31E+09	4.12E+09	95.6	2.22E+09	12.5	0.9	86.7	5.16E+06	4.55E+06
38	39	GRIGGS	ND	98.2	47.5	1.84E+09	1.78E+09	96.9	3.20E+08	26.2	1.8	72.0	1.84E+06	8.17E+05
38	41	HETTINGER	ND	102.5	46.4	2.94E+09	2.94E+09	100.0	7.68E+08	29.5		70.5	1.19E+06	2.77E+06
38	43	KIDDER	ND	99.8	47.0	3.52E+09	3.19E+09	90.7	1.49E+09	21.8		78.2	6.44E+06	9.59E+05
38	45	LA MOURE	ND	98.5	46.5	2.94E+09	2.94E+09	100.0	6.04E+08	42.0	0.7	57.4	2.04E+04	2.08E+06
38	47	LOGAN	ND	99.5	46.5	2.59E+09	2.51E+09	96.9	1.02E+09	18.8	0.2	81.0	1.42E+14	1.62E+06
38	49	MC HENRY	ND	100.6	48.2	4.87E+09	4.71E+09	96.7	1.52E+09	26.3	2.7	71.0	2.60E+07	2.04E+06
38	51	MC INTOSH	ND	99.4	46.1	2.57E+09	2.51E+09	97.5	9.03E+08	28.9		71.1	3.64E+04	1.32E+06
38	53	MC KENZIE	ND	103.4	47.7	7.08E+09	4.96E+09	70.0	2.78E+09	6.8	1.5	91.7	7.99E+07	6.99E+06
38	55	MC LEAN	ND	101.3	47.6	5.35E+09	5.00E+09	93.5	1.23E+09	21.0	1.4	77.6	8.31E+06	2.14E+06
38	57	MERCER	ND	101.8	47.3	2.70E+09	2.46E+09	91.2	1.26E+09	16.0	0.5	83.4	4.68E+06	2.37E+06
38	59	MORTON	ND	101.3	46.7	4.97E+09	4.97E+09	100.0	2.83E+09	14.6	1.0	84.3	1.37E+07	9.94E+06
38	61	MOUNTRAIL	ND	102.4	48.2	4.71E+09	4.50E+09	95.5	1.47E+09	15.8	0.5	83.7	2.24E+06	5.00E+06
38	63	NELSON	ND	98.2	47.9	2.58E+09	2.58E+09	100.0	3.03E+08	30.4	4.6	65.0	8.09E+03	8.34E+05
38	65	OLIVER	ND	101.3	47.1	1.87E+09	1.70E+09	90.9	9.85E+08	8.6	1.7	89.7	6.14E+06	2.24E+06
38	67	PEMBINA	ND	97.5	48.8	2.91E+09	2.72E+09	93.4	1.53E+08	31.6	28.8	39.6		7.93E+05
38	69	PIERCE	ND	100.0	48.3	2.69E+09	2.60E+09	96.5	4.72E+08	42.1	0.8	57.1	2.63E+05	9.96E+05
38	71	RAMSEY	ND	98.7	48.3	3.23E+09	3.02E+09	93.3	2.30E+08	29.3	4.0	66.7	8.70E+05	6.80E+05
38	73	RANSOM	ND	97.7	46.5	2.23E+09	2.19E+09	98.2	6.88E+08	25.5	1.9	72.6	7.41E+06	7.37E+05
38	75	RENVILLE	ND	101.7	48.7	2.30E+09	2.11E+09	91.9	2.22E+08	29.4	0.6	70.1	1.21E+06	1.70E+06
38	77	RICHLAND	ND	96.9	46.3	3.75E+09	3.58E+09	95.3	4.10E+08	41.4	4.2	54.3	1.15E+06	7.08E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
38	79	ROLETTE	ND	99.8	48.8	2.36E+09	2.12E+09	89.6	3.96E+08	28.7	18.3	53.0	1.38E+06	6.15E+05
38	81	SARGENT	ND	97.6	46.1	2.21E+09	2.11E+09	95.5	4.79E+08	49.8	0.7	49.5	2.02E+05	1.07E+06
38	83	SHERIDAN	ND	100.3	47.6	2.56E+09	2.26E+09	88.4	7.55E+08	23.6	0.1	76.3		9.11E+05
38	85	SIOUX	ND	101.0	46.1	2.86E+09	2.86E+09	100.0	2.50E+09	1.9		98.1	2.17E+06	5.31E+06
38	87	SLOPE	ND	103.5	46.4	3.17E+09	3.17E+09	100.0	1.88E+09	6.0	0.1	93.9	1.40E+06	2.97E+06
38	89	STARK	ND	102.7	46.8	3.41E+09	3.41E+09	100.0	1.33E+09	20.1	0.6	79.3	2.30E+06	4.63E+06
38	91	STEELE	ND	97.7	47.5	1.84E+09	1.84E+09	100.0	1.50E+08	32.2	5.4	62.4	1.29E+06	3.54E+05
38	93	STUTSMAN	ND	99.0	47.0	5.86E+09	5.36E+09	91.4	1.39E+09	25.6	0.7	73.6	4.97E+06	2.95E+06
38	95	TOWNER	ND	99.2	48.7	2.70E+09	2.66E+09	98.5	1.42E+08	34.0	1.3	64.7	1.05E+05	4.37E+05
38	97	TRAILL	ND	97.1	47.5	2.23E+09	2.12E+09	95.1	8.23E+07	30.5	25.0	44.5		1.13E+05
38	99	WALSH	ND	97.7	48.4	3.33E+09	3.30E+09	99.2	2.39E+08	24.3	18.9	56.8	7.04E+06	1.57E+06
38	101	WARD	ND	101.5	48.2	5.29E+09	5.08E+09	96.0	1.01E+09	18.5	1.9	79.6	3.95E+06	4.18E+06
38	103	WELLS	ND	99.7	47.6	3.36E+09	3.36E+09	99.8	5.27E+08	24.3	0.4	75.4	2.83E+05	8.22E+05
38	105	WILLIAMS	ND	103.5	48.3	5.35E+09	5.02E+09	93.9	1.53E+09	12.3	1.2	86.5	4.19E+07	5.02E+06
39	0		OH			1.06E+11	6.34E+10	59.7	1.25E+10	49.0	19.7	31.2	8.95E+07	5.64E+07
39	1	ADAMS	OH	83.5	38.9	1.52E+09	1.03E+09	67.6	4.72E+08	53.8	27.9	18.3	3.64E+04	1.80E+06
39	3	ALLEN	OH	84.1	40.8	1.06E+09	8.32E+08	78.5	4.21E+07	58.2	29.1	12.8	4.33E+03	4.29E+05
39	5	ASHLAND	OH	82.3	40.9	1.10E+09	7.69E+08	69.3	1.67E+08	51.7	15.6	32.6	3.32E+05	9.55E+05
39	7	ASHTABULA	OH	80.8	41.7	1.81E+09	7.50E+08	41.4	1.95E+08	49.3	29.0	21.7	7.08E+05	1.19E+06
39	9	ATHENS	OH	82.0	39.3	1.31E+09	3.34E+08	25.6	1.76E+08	37.6	25.4	37.1	2.31E+05	5.10E+05
39	11	AUGLAIZE	OH	84.2	40.6	1.04E+09	9.28E+08	89.6	7.92E+07	58.3	24.7	17.0	4.82E+05	4.29E+05
39	13	BELMONT	OH	81.0	40.0	1.38E+09	4.87E+08	35.2	2.54E+08	37.6	18.9	43.6	1.21E+04	4.78E+05
39	15	BROWN	OH	83.9	38.9	1.27E+09	9.05E+08	71.3	3.12E+08	68.2	15.5	16.3	1.38E+05	2.53E+06
39	17	BUTLER	OH	84.6	39.4	1.22E+09	7.05E+08	57.9	2.05E+08	47.2	20.9	31.9	1.38E+05	1.53E+06
39	19	CARROLL	OH	81.1	40.6	1.01E+09	4.81E+08	47.6	1.74E+08	40.9	20.4	38.7	4.05E+04	4.01E+05
39	21	CHAMPAIGN	OH	83.8	40.1	1.12E+09	9.60E+08	85.8	1.69E+08	44.9	17.6	35.6	3.24E+06	1.10E+06
39	23	CLARK	OH	83.8	39.9	1.04E+09	8.29E+08	79.6	1.43E+08	50.8	12.7	36.4	2.29E+06	5.42E+05
39	25	CLERMONT	OH	84.2	39.1	1.19E+09	5.14E+08	43.3	1.80E+08	61.1	14.6	24.2	2.83E+04	1.12E+06
39	27	CLINTON	OH	83.8	39.4	1.04E+09	9.40E+08	88.5	1.45E+08	61.4	16.2	22.4	4.05E+04	1.23E+06
39	29	COLUMBIANA	OH	80.8	40.9	1.38E+09	5.81E+08	42.0	1.42E+08	48.3	16.4	35.3	1.78E+05	7.93E+05
39	31	COSHOCTON	OH	81.9	40.3	1.46E+09	7.79E+08	53.5	3.35E+08	39.3	18.3	42.4	1.29E+05	4.17E+05
39	33	CRAWFORD	OH	82.9	40.9	1.05E+09	9.22E+08	88.1	7.52E+07	55.1	22.1	22.8	5.18E+05	5.50E+05
39	35	CUYAHOGA	OH	81.7	41.4	1.18E+09	3.79E+07	3.2	4.79E+06	77.9	3.8	18.4	1.23E+06	1.50E+05
39	37	DARKE	OH	84.6	40.1	1.57E+09	1.44E+09	92.0	1.24E+08	57.2	21.0	21.8	3.35E+06	6.15E+05
39	39	DEFIANCE	OH	84.5	41.3	1.07E+09	8.65E+08	81.1	4.69E+07	55.4	28.1	16.5	4.25E+05	3.44E+05
39	41	DELAWARE	OH	83.0	40.3	1.16E+09	7.66E+08	65.8	1.05E+08	46.0	16.5	37.5	1.51E+06	5.79E+05
39	43	ERIE	OH	82.6	41.4	6.83E+08	3.90E+08	57.0	2.39E+07	52.9	14.7	32.4	7.32E+05	3.56E+05
39	45	FAIRFIELD	OH	82.6	39.8	1.31E+09	8.70E+08	66.6	1.83E+08	60.1	14.2	25.6	1.54E+05	7.24E+05
39	47	FAYETTE	OH	83.4	39.6	1.05E+09	9.55E+08	91.3	1.37E+08	58.7	11.7	29.6	4.05E+03	2.63E+05
39	49	FRANKLIN	OH	83.0	40.0	1.39E+09	5.61E+08	40.3	6.22E+07	56.8	15.5	27.7	7.24E+05	3.44E+05
39	51	FULTON	OH	84.1	41.6	1.35E+09	9.35E+08	88.7	2.78E+07	58.5	21.4	20.1	1.98E+06	2.95E+05
39	53	GALLIA	OH	82.3	38.8	1.22E+09	4.87E+08	39.9	2.98E+08	32.1	29.9	38.1	8.09E+04	4.21E+05
39	55	GEAUGA	OH	81.2	41.5	1.05E+09	2.62E+08	24.8	7.33E+07	39.2	27.6	33.3	1.94E+05	7.12E+05
39	57	GREENE	OH	83.9	39.7	1.08E+09	7.26E+08	67.5	1.44E+08	55.1	18.2	26.7	6.72E+05	7.04E+05
39	59	GUERNSEY	OH	81.5	40.1	1.37E+09	5.66E+08	41.4	3.23E+08	39.5	18.4	42.1	1.25E+05	4.90E+05
39	61	HAMILTON	OH	84.5	39.2	1.07E+09	1.75E+08	16.3	5.28E+07	61.7	12.5	25.8	2.31E+06	2.14E+05
39	63	HANCOCK	OH	83.7	41.0	1.38E+09	1.21E+09	88.1	5.58E+07	53.0	23.1	23.9	1.78E+05	5.71E+05
39	65	HARDIN	OH	83.7	40.7	1.21E+09	1.14E+09	94.2	8.64E+07	56.7	20.8	22.5	6.07E+04	5.02E+05
39	67	HARRISON	OH	81.1	40.3	1.04E+09	3.93E+08	37.9	2.31E+08	32.7	16.4	50.8	4.05E+03	1.13E+05
39	69	HENRY	OH	84.1	41.3	1.08E+09	1.02E+09	94.7	2.28E+07	41.7	33.4	24.9	4.05E+03	3.97E+05
39	71	HIGHLAND	OH	83.6	39.2	1.42E+09	1.14E+09	80.4	3.40E+08	56.0	18.6	25.4	1.54E+05	2.00E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
39	73	HOCKING	OH	82.5	39.5	1.09E+09	2.69E+08	24.7	1.16E+08	42.6	24.0	33.4		1.50E+05
39	75	HOLMES	OH	81.9	40.6	1.10E+09	7.44E+08	67.8	2.37E+08	44.1	16.8	39.1	7.69E+04	7.99E+05
39	77	HURON	OH	82.6	41.2	1.29E+09	1.04E+09	80.5	8.29E+07	36.2	32.7	31.1	9.92E+06	6.82E+05
39	79	JACKSON	OH	82.6	39.0	1.08E+09	3.84E+08	35.4	1.97E+08	47.3	18.4	34.3	8.90E+04	5.87E+05
39	81	JEFFERSON	OH	80.8	40.4	1.06E+09	2.43E+08	22.8	9.48E+07	55.8	14.4	29.8	1.62E+04	1.90E+05
39	83	KNOX	OH	82.4	40.4	1.39E+09	9.11E+08	66.2	2.73E+08	52.3	12.3	35.4	7.97E+05	6.52E+05
39	85	LAKE	OH	81.2	41.7	5.99E+08	9.82E+07	16.4	1.47E+07	48.1	23.1	28.8	3.84E+06	3.44E+05
39	87	LAWRENCE	OH	82.5	38.6	1.18E+09	3.01E+08	25.5	1.81E+08	30.4	31.6	38.0	4.45E+04	3.36E+05
39	89	LICKING	OH	82.5	40.1	1.78E+09	1.08E+09	60.9	3.06E+08	50.9	15.7	33.4	3.08E+05	8.90E+05
39	91	LOGAN	OH	83.8	40.4	1.17E+09	9.78E+08	82.0	1.64E+08	44.9	24.3	30.8	4.05E+04	5.42E+05
39	93	LORAIN	OH	82.2	41.3	1.28E+09	6.29E+08	49.1	7.36E+07	49.9	22.0	28.1	3.21E+06	1.10E+06
39	95	LUCAS	OH	83.7	41.6	8.89E+08	3.98E+08	44.7	5.01E+06	57.0	26.4	16.6	7.75E+06	1.34E+05
39	97	MADISON	OH	83.4	39.9	1.20E+09	1.14E+09	95.0	1.66E+08	54.0	13.6	32.5	4.33E+05	2.71E+05
39	99	MAHONING	OH	80.8	41.0	1.08E+09	3.41E+08	31.7	6.68E+07	53.9	17.3	28.7	7.12E+05	7.45E+05
39	101	MARION	OH	83.2	40.6	1.05E+09	9.04E+08	86.2	6.69E+07	57.8	18.2	24.0	4.05E+03	2.27E+05
39	103	MEDINA	OH	81.9	41.1	1.10E+09	4.93E+08	44.8	8.57E+07	54.7	16.6	28.8	2.76E+06	1.59E+06
39	105	MEIGS	OH	82.0	39.1	1.13E+09	4.24E+08	37.6	2.32E+08	37.2	22.6	40.1	1.21E+06	6.19E+05
39	107	MERCER	OH	84.6	40.5	1.15E+09	1.12E+09	97.5	7.58E+07	60.4	24.9	14.7	7.28E+04	2.91E+05
39	109	MIAMI	OH	84.2	40.1	1.03E+09	8.13E+08	77.2	8.45E+07	55.7	18.5	25.7	3.28E+06	2.55E+05
39	111	MONROE	OH	81.1	39.7	1.18E+09	5.12E+08	43.4	2.90E+08	43.7	23.9	32.5	4.05E+03	4.21E+05
39	113	MONTGOMERY	OH	84.3	39.8	1.19E+09	5.53E+08	46.6	7.78E+07	71.3	12.1	16.6	2.16E+06	3.44E+05
39	115	MORGAN	OH	81.9	39.6	1.09E+09	4.60E+08	42.4	2.66E+08	29.9	25.5	44.6	3.44E+04	3.60E+05
39	117	MORROW	OH	82.8	40.5	1.69E+09	7.59E+08	45.0	1.54E+08	43.1	23.7	33.2	8.09E+03	4.64E+05
39	119	MUSKINGUM	OH	81.9	40.0	1.69E+09	7.73E+08	45.8	3.89E+08	38.9	18.5	42.6	5.26E+05	7.77E+05
39	121	NOBLE	OH	81.5	39.8	1.03E+09	4.51E+08	43.7	2.89E+08	37.2	17.9	45.0		1.70E+05
39	123	OTTAWA	OH	83.1	41.5	6.77E+08	4.56E+08	67.4	1.22E+07	46.1	18.2	35.7	1.97E+06	2.55E+05
39	125	PAULDING	OH	84.6	41.1	1.08E+09	9.15E+08	84.7	2.73E+07	41.8	33.0	25.2	2.75E+05	3.88E+05
39	127	PERRY	OH	82.2	39.7	1.06E+09	4.60E+08	43.4	1.94E+08	47.5	16.7	35.9		5.06E+05
39	129	PICKAWAY	OH	83.0	39.6	1.31E+09	1.17E+09	89.4	1.79E+08	62.4	14.7	23.0	1.49E+06	8.66E+05
39	131	PIKE	OH	83.1	39.1	1.15E+09	4.20E+08	36.6	1.38E+08	54.4	20.0	25.7		5.26E+05
39	133	PORTAGE	OH	81.2	41.2	1.28E+09	4.44E+08	34.6	1.01E+08	56.1	19.5	24.4	3.23E+06	1.30E+06
39	135	PREBLE	OH	84.7	39.7	1.11E+09	9.21E+08	83.2	1.39E+08	50.2	24.6	25.2	1.70E+05	9.63E+05
39	137	PUTNAM	OH	84.1	41.0	1.26E+09	1.17E+09	93.3	4.90E+07	58.0	25.6	16.4	1.15E+06	2.10E+05
39	139	RICHLAND	OH	82.5	40.8	1.28E+09	7.57E+08	59.0	1.39E+08	55.3	15.9	28.8	3.48E+05	5.42E+05
39	141	ROSS	OH	83.0	39.3	1.78E+09	1.13E+09	63.2	3.24E+08	47.4	21.7	30.9	8.09E+03	1.14E+06
39	143	SANDUSKY	OH	83.1	41.4	1.06E+09	8.65E+08	81.6	4.70E+07	59.8	21.0	19.2	2.63E+06	2.43E+05
39	145	SCIOTO	OH	83.0	38.8	1.57E+09	4.42E+08	28.1	1.57E+08	51.6	24.6	23.8	2.99E+06	5.02E+05
39	147	SENECA	OH	83.1	41.1	1.43E+09	1.25E+09	87.6	7.17E+07	47.5	29.3	23.2	2.63E+06	6.72E+05
39	149	SHELBY	OH	84.2	40.3	1.06E+09	9.65E+08	91.4	9.93E+07	51.1	22.8	26.1	2.02E+04	4.49E+05
39	151	STARK	OH	81.4	40.8	1.49E+09	5.97E+08	40.0	1.19E+08	58.2	14.8	26.9	3.55E+06	4.86E+05
39	153	SUMMIT	OH	81.5	41.1	1.06E+09	1.06E+08	10.0	2.65E+07	56.1	10.7	33.2	1.31E+06	1.94E+05
39	155	TRUMBULL	OH	80.8	41.3	1.57E+09	4.81E+08	30.6	1.17E+08	44.7	25.6	29.7	3.24E+05	8.09E+05
39	157	TUSCARAWAS	OH	81.5	40.5	1.47E+09	6.64E+08	45.1	2.23E+08	48.2	12.7	39.1	1.05E+06	3.28E+05
39	159	UNION	OH	83.4	40.3	1.12E+09	9.53E+08	84.8	1.15E+08	53.9	17.4	28.6	1.75E+06	7.81E+05
39	161	VAN WERT	OH	84.6	40.9	1.06E+09	1.01E+09	94.9	2.29E+07	46.2	28.7	25.0	4.73E+05	2.59E+05
39	163	VINTON	OH	82.5	39.3	1.06E+09	2.35E+08	22.1	9.61E+07	40.9	15.7	43.4		2.06E+05
39	165	WARREN	OH	84.2	39.4	1.06E+09	6.36E+08	60.1	1.43E+08	45.9	16.0	38.0	8.98E+05	1.85E+06
39	167	WASHINGTON	OH	81.5	39.5	1.66E+09	6.31E+08	38.0	3.16E+08	36.8	25.3	37.8	1.17E+06	7.53E+05
39	169	WAYNE	OH	81.9	40.8	1.45E+09	1.03E+09	71.0	1.83E+08	46.9	16.3	36.9	1.34E+06	1.80E+06
39	171	WILLIAMS	OH	84.6	41.6	1.09E+09	9.20E+08	84.4	6.46E+07	58.2	23.1	18.7	1.21E+04	5.18E+05
39	173	WOOD	OH	83.6	41.4	1.60E+09	1.35E+09	84.4	5.03E+07	42.7	13.4	41.9	3.12E+05	5.06E+05
39	175	WYANDOT	OH	83.3	40.9	1.05E+09	9.31E+08	88.5	6.43E+07	49.3	24.0	26.7	1.98E+05	4.78E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
40	0		OK			1.78E+11	1.34E+11	75.2	8.76E+10	21.5	7.2	71.3	2.08E+09	5.06E+08
40	1	ADAIR	OK	94.7	35.9	1.48E+09	7.29E+08	49.4	5.33E+08	40.8	25.0	34.2	4.30E+06	2.68E+06
40	3	ALFALFA	OK	98.3	36.7	2.25E+09	1.98E+09	88.1	6.45E+08	31.4	0.7	67.9	8.17E+06	2.93E+06
40	5	ATOKA	OK	96.0	34.4	2.57E+09	1.56E+09	60.7	1.32E+09	22.9	13.7	63.5	5.48E+06	4.56E+06
40	7	BEAVER	OK	100.5	36.7	4.64E+09	4.44E+09	95.7	2.70E+09	11.6	0.2	88.2	8.75E+07	4.05E+06
40	9	BECKHAM	OK	99.7	35.3	2.35E+09	2.02E+09	85.9	1.26E+09	20.1	1.6	78.3	1.14E+07	5.84E+06
40	11	BLAINE	OK	98.4	35.9	2.38E+09	2.16E+09	90.7	1.05E+09	21.5	7.6	70.9	5.94E+06	5.49E+06
40	13	BRYAN	OK	96.3	34.0	2.30E+09	1.72E+09	74.7	1.34E+09	30.9	10.9	58.2	3.34E+07	9.95E+06
40	15	CADDO	OK	98.4	35.2	3.29E+09	3.08E+09	93.4	1.70E+09	24.9	7.5	67.6	1.94E+08	1.22E+07
40	17	CANADIAN	OK	98.0	35.5	2.32E+09	2.09E+09	89.8	1.05E+09	26.5	5.0	68.5	2.06E+07	1.06E+07
40	19	CARTER	OK	97.3	34.3	2.15E+09	1.22E+09	56.6	1.07E+09	24.8	8.8	66.5	6.85E+06	8.84E+06
40	21	CHEROKEE	OK	95.0	35.9	1.96E+09	9.56E+08	48.9	7.87E+08	27.8	29.5	42.8	8.92E+06	2.67E+06
40	23	CHOCTAW	OK	95.5	34.1	2.02E+09	1.14E+09	56.4	9.72E+08	29.7	18.9	51.4	2.60E+06	5.22E+06
40	25	CIMARRON	OK	102.5	36.7	4.77E+09	4.19E+09	87.7	2.49E+09	4.2		95.8	2.56E+08	1.98E+06
40	27	CLEVELAND	OK	97.3	35.2	1.36E+09	6.20E+08	45.4	4.44E+08	40.6	9.5	49.9	5.14E+06	3.41E+06
40	29	COAL	OK	96.3	34.6	1.36E+09	1.08E+09	79.0	9.58E+08	17.9	16.5	65.6	3.44E+05	5.41E+06
40	31	COMANCHE	OK	98.5	34.7	2.81E+09	1.62E+09	57.6	1.14E+09	19.0	1.1	79.9	6.33E+06	9.39E+06
40	33	COTTON	OK	98.4	34.3	1.68E+09	1.48E+09	87.7	7.58E+08	27.4	1.2	71.4	4.53E+06	8.80E+06
40	35	CRAIG	OK	95.2	36.8	1.98E+09	1.60E+09	81.1	1.22E+09	22.1	3.1	74.9	5.26E+05	9.83E+06
40	37	CREEK	OK	96.4	35.9	2.42E+09	1.30E+09	53.8	1.15E+09	23.8	25.4	50.9	3.36E+05	5.74E+06
40	39	CUSTER	OK	99.0	35.6	2.54E+09	2.48E+09	97.8	1.28E+09	18.7	1.0	80.4	1.94E+07	9.13E+06
40	41	DELAWARE	OK	94.8	36.4	1.83E+09	9.58E+08	52.3	6.84E+08	37.2	19.8	43.0	6.31E+05	3.04E+06
40	43	DEWEY	OK	99.0	36.0	2.64E+09	2.32E+09	88.1	1.60E+09	16.8	3.3	79.9	5.70E+06	5.34E+06
40	45	ELLIS	OK	99.8	36.2	3.22E+09	2.85E+09	88.7	2.09E+09	12.5	1.1	86.4	3.59E+07	3.76E+06
40	47	GARFIELD	OK	97.8	36.4	2.73E+09	2.66E+09	97.4	9.46E+08	32.1	0.5	67.4	3.90E+06	8.35E+06
40	49	GARVIN	OK	97.3	34.7	2.11E+09	1.67E+09	79.2	1.27E+09	31.3	7.2	61.6	1.98E+07	1.10E+07
40	51	GRADY	OK	97.9	35.0	2.84E+09	2.41E+09	84.9	1.69E+09	27.1	4.4	68.4	1.80E+07	1.48E+07
40	53	GRANT	OK	97.8	36.8	2.61E+09	2.41E+09	92.6	7.14E+08	25.4	0.4	74.2	1.66E+06	5.87E+06
40	55	GREER	OK	99.6	34.9	1.64E+09	1.48E+09	90.0	8.03E+08	21.0	0.4	78.6	3.52E+07	5.22E+06
40	57	HARMON	OK	99.8	34.7	1.41E+09	1.19E+09	84.0	5.86E+08	35.0	2.2	62.8	6.72E+07	3.70E+06
40	59	HARPER	OK	99.7	36.8	2.70E+09	2.57E+09	95.3	1.79E+09	8.4	0.1	91.6	2.05E+07	4.93E+06
40	61	HASKELL	OK	95.1	35.3	1.56E+09	1.00E+09	64.4	7.65E+08	33.9	11.3	54.8	1.62E+04	3.98E+06
40	63	HUGHES	OK	96.2	35.1	2.09E+09	1.36E+09	65.3	1.09E+09	23.6	21.4	55.0	3.04E+07	8.32E+06
40	65	JACKSON	OK	99.4	34.6	2.10E+09	2.09E+09	99.8	8.48E+08	25.0	1.3	73.8	1.47E+08	3.97E+06
40	67	JEFFERSON	OK	97.8	34.1	2.02E+09	1.70E+09	84.3	1.50E+09	16.2	1.8	82.0	2.07E+06	8.13E+06
40	69	JOHNSTON	OK	96.7	34.3	1.65E+09	1.19E+09	71.9	1.06E+09	19.6	11.1	69.3	8.81E+06	5.47E+06
40	71	KAY	OK	97.1	36.8	2.46E+09	1.97E+09	79.9	7.39E+08	25.1	1.1	73.8	1.76E+06	5.78E+06
40	73	KINGFISHER	OK	97.9	35.9	2.34E+09	2.34E+09	100.0	1.01E+09	31.3	2.4	66.3	1.45E+07	9.72E+06
40	75	KIOWA	OK	99.0	34.7	2.66E+09	2.57E+09	96.7	1.14E+09	24.5	1.1	74.4	2.18E+07	1.26E+07
40	77	LATIMER	OK	95.3	34.9	1.91E+09	9.52E+08	49.9	8.48E+08	18.6	11.7	69.7	3.60E+06	2.15E+06
40	79	LE FLORE	OK	94.7	34.9	4.04E+09	1.49E+09	36.8	1.10E+09	36.4	18.3	45.4	3.72E+06	4.28E+06
40	81	LINCOLN	OK	96.9	35.7	2.52E+09	1.69E+09	67.3	1.34E+09	27.2	13.3	59.5	2.10E+06	8.71E+06
40	83	LOGAN	OK	97.4	35.9	1.95E+09	1.43E+09	73.7	9.00E+08	26.1	11.6	62.2	4.13E+06	8.92E+06
40	85	LOVE	OK	97.2	33.9	1.33E+09	9.34E+08	70.3	7.46E+08	28.8	7.6	63.7	8.86E+06	5.80E+06
40	87	MC CLAIN	OK	97.4	35.0	1.48E+09	1.25E+09	84.6	9.49E+08	26.2	1.8	71.9	1.32E+07	1.07E+07
40	89	MC CURTAIN	OK	94.8	34.1	4.66E+09	1.07E+09	23.0	8.09E+08	39.1	19.0	41.9	1.40E+06	3.90E+06
40	91	MC INTOSH	OK	95.7	35.4	1.57E+09	9.43E+08	59.9	7.42E+08	31.4	12.0	56.6	3.16E+05	5.33E+06
40	93	MAJOR	OK	98.5	36.3	2.49E+09	2.22E+09	89.2	1.37E+09	15.7	7.8	76.5	2.22E+07	5.46E+06
40	95	MARSHALL	OK	96.8	34.0	9.47E+08	7.18E+08	75.8	6.28E+08	19.4	8.9	71.7	6.51E+06	3.70E+06
40	97	MAYES	OK	95.2	36.3	1.68E+09	9.86E+08	58.7	6.70E+08	36.8	6.6	56.6	2.35E+05	3.63E+06
40	99	MURRAY	OK	97.1	34.5	1.10E+09	8.00E+08	73.0	7.06E+08	19.2	2.1	78.7	2.83E+06	5.00E+06
40	101	MUSKOGEE	OK	95.4	35.6	2.12E+09	1.45E+09	68.2	9.95E+08	28.4	6.6	65.0	7.46E+06	6.64E+06
40	103	NOBLE	OK	97.2	36.4	1.93E+09	1.65E+09	85.5	8.59E+08	23.6	3.2	73.1	9.39E+05	1.14E+07
40	105	NOWATA	OK	95.6	36.8	1.39E+09	1.10E+09	78.8	8.52E+08	29.6	4.7	65.6	1.74E+05	4.36E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
40	107	OKFUSKEE	OK	96.3	35.5	1.65E+09	1.13E+09	68.7	9.37E+08	26.5	16.3	57.2	5.11E+06	3.26E+06
40	109	OKLAHOMA	OK	97.4	35.5	1.81E+09	8.42E+08	46.5	5.72E+08	29.5	16.9	53.5	3.72E+06	3.77E+06
40	111	OKMULGEE	OK	96.0	35.7	1.81E+09	1.13E+09	62.2	8.70E+08	23.8	9.1	67.1	6.35E+05	7.29E+06
40	113	OSAGE	OK	96.4	36.6	5.89E+09	4.87E+09	82.8	4.45E+09	6.1	7.7	86.1	4.03E+06	1.74E+07
40	115	OTTAWA	OK	94.8	36.9	1.20E+09	8.59E+08	71.5	4.85E+08	38.9	9.2	51.8	8.98E+05	4.01E+06
40	117	PAWNEE	OK	96.7	36.3	1.45E+09	1.20E+09	82.5	9.67E+08	17.8	10.6	71.6	5.87E+05	6.25E+06
40	119	PAYNE	OK	97.0	36.1	1.80E+09	1.25E+09	69.6	9.37E+08	25.1	7.9	67.0	4.02E+06	7.61E+06
40	121	PITTSBURG	OK	95.7	34.9	3.21E+09	2.21E+09	68.7	1.92E+09	20.3	20.4	59.3	3.56E+06	7.88E+06
40	123	PONTOTOC	OK	96.7	34.7	1.85E+09	1.40E+09	[illegible].9	1.23E+09	21.5	7.9	70.5	3.33E+06	8.43E+06
40	125	POTTAWATOMIE	OK	96.9	35.2	2.06E+09	1.19E+09	57.8	9.11E+08	27.8	11.3	60.9	1.59E+07	6.22E+06
40	127	PUSHMATAHA	OK	95.4	34.4	3.68E+09	1.34E+09	36.5	1.09E+09	16.7	27.3	56.0	8.90E+05	3.34E+06
40	129	ROGER MILLS	OK	99.7	35.7	2.95E+09	2.78E+09	94.0	2.21E+09	14.0	0.5	85.5	2.2 E+07	9.42E+06
40	131	ROGERS	OK	95.6	36.4	1.77E+09	1.15E+09	65.0	9.22E+08	21.5	5.8	72.7	7.89E+05	6.40E+06
40	133	SEMINOLE	OK	96.6	35.2	1.63E+09	9.82E+08	60.2	8.11E+08	29.0	14.1	56.9	3.77E+06	4.97E+06
40	135	SEQUOYAH	OK	94.8	35.5	1.80E+09	9.12E+08	50.6	6.12E+08	36.3	10.9	52.9	7.49E+06	3.34E+06
40	137	STEPHENS	OK	97.8	34.5	2.31E+09	1.75E+09	75.9	1.37E+09	23.6	6.9	69.5	2.92E+06	1.37E+07
40	139	TEXAS	OK	101.5	36.7	5.34E+09	4.73E+09	88.6	1.86E+09	11.8	0.1	88.1	6.83E+08	3.00E+06
40	141	TILLMAN	OK	98.9	34.4	2.33E+09	2.13E+09	91.0	7.02E+08	27.2	1.0	71.9	5.35E+07	9.49E+06
40	143	TULSA	OK	95.9	36.1	1.48E+09	6.46E+08	43.5	4.66E+08	38.8	8.7	52.5	1.02E+06	3.44E+06
40	145	WAGONER	OK	95.5	36.0	1.46E+09	8.87E+08	60.9	4.88E+08	39.9	11.8	48.3	7.57E+05	5.11E+06
40	147	WASHINGTON	OK	95.9	36.7	1.10E+09	9.05E+08	82.5	7.34E+08	15.4	5.0	79.5	4.43E+06	5.37E+06
40	149	WASHITA	OK	99.0	35.3	2.61E+09	2.52E+09	96.6	1.00E+09	33.6	1.2	65.2	4.29E+07	9.63E+06
40	151	WOODS	OK	98.9	36.8	3.36E+09	3.12E+09	92.8	1.99E+09	11.6	0.6	87.8	7.52E+06	8.40E+06
40	153	WOODWARD	OK	99.3	36.4	3.24E+09	3.08E+09	94.9	2.31E+09	7.8	1.1	91.1	1.74E+07	5.88E+06
41	0		OR			2.49E+11	7.38E+10	29.6	5.30E+10	6.2	10.0	83.8	6.32E+09	4.33E+07
41	1	BAKER	OR	117.7	44.7	7.95E+09	3.24E+09	40.7	2.74E+09	7.1	4.0	88.9	4.66E+08	1.64E+06
41	3	BENTON	OR	123.4	44.5	1.73E+09	5.26E+08	30.4	1.58E+08	29.1	31.6	39.3	7.77E+07	2.87E+05
41	5	CLACKAMAS	OR	122.2	45.2	4.88E+09	7.08E+08	14.5	2.69E+08	48.8	30.5	20.7	5.81E+07	9.47E+05
41	7	CLATSOP	OR	123.6	46.0	2.08E+09	1.07E+08	5.2	5.59E+07	55.1	19.5	25.4	4.25E+06	
41	9	COLUMBIA	OR	123.1	45.9	1.66E+09	2.83E+08	17.1	1.66E+08	26.0	23.5	50.5	8.92E+06	1.05E+05
41	11	COOS	OR	124.0	43.2	4.15E+09	6.44E+08	15.5	4.06E+08	26.1	23.6	50.3	3.56E+07	5.91E+05
41	13	CROOK	OR	120.3	44.1	7.71E+09	4.12E+09	53.4	3.84E+09	2.5	8.0	89.5	2.57E+08	3.43E+06
41	15	CURRY	OR	124.1	42.5	4.21E+09	4.01E+08	9.5	3.32E+08	13.6	18.8	67.6	1.33E+07	4.05E+04
41	17	DESCHUTES	OR	121.2	43.9	7.85E+09	4.89E+08	6.2	3.53E+08	17.5	9.4	73.1	1.09E+08	7.37E+05
41	19	DOUGLAS	OR	123.2	43.3	1.31E+10	1.94E+09	14.8	1.50E+09	15.7	29.8	54.5	5.7.E+07	1.19E+06
41	21	GILLIAM	OR	120.2	45.4	3.13E+09	3.01E+09	96.3	1.79E+09	4.1	3.7	92.3	2.90E+07	2.75E+05
41	23	GRANT	OR	119.0	44.5	1.17E+10	4.40E+09	37.5	4.10E+09	1.5	12.9	85.6	1.29E+08	6.68E+05
41	25	HARNEY	OR	119.0	43.1	2.63E+10	5.89E+09	22.4	5.22E+09	1.8	1.2	97.0	5.15E+08	5.00E+06
41	27	HOOD RIVER	OR	121.6	45.5	1.36E+09	1.02E+08	7.5	1.15E+07	59.1	25.8	15.1	6.59E+07	3.64E+04
41	29	JACKSON	OR	122.7	42.4	7.28E+09	1.98E+09	27.2	1.65E+09	8.6	7.2	84.1	1.90E+08	1.13E+06
41	31	JEFFERSON	OR	121.2	44.6	4.64E+09	1.85E+09	39.9	1.47E+09	2.4	2.1	95.4	2.13E+08	2.41E+06
41	33	JOSEPHINE	OR	123.6	42.4	4.21E+09	1.65E+08	3.9	7.16E+07	42.8	38.7	18.5	4.61E+07	3.08E+05
41	35	KLAMATH	OR	121.7	42.7	1.55E+10	3.13E+09	20.2	2.32E+09	8.8	28.9	62.3	7.50E+08	1.44E+06
41	37	LAKE	OR	120.4	42.8	2.13E+10	3.69E+09	17.3	3.10E+09	6.7	6.7	86.6	5.81E+08	1.84E+06
41	39	LANE	OR	122.8	43.9	1.18E+10	1.07E+09	9.	5.35E+08	29.2	26.2	44.6	1.09E+08	7.16E+05
41	41	LINCOLN	OR	122.5	44.5	2.55E+09	1.38E+08	5.4	8.31E+07	40.5	36.7	22.9	2.40E+06	3.24E+04
41	43	LINN	OR	123.8	44.6	5.91E+09	1.44E+09	24.4	4.24E+08	36.5	25.9	37.6	1.22E+08	6.47E+05
41	45	MALHEUR	OR	117.6	43.2	2.55E+10	5.98E+09	23.4	4.86E+09	3.5	0.6	95.9	8.66E+08	4.08E+06
41	47	MARION	OR	122.6	44.9	3.02E+09	1.19E+09	39.6	2.22E+08	47.2	24.4	28.4	2.98E+08	1.38E+06
41	49	MORROW	OR	119.6	45.4	5.34E+09	4.48E+09	84.0	2.64E+09	2.1	3.9	94.1	2.40E+08	4.86E+05
41	51	MULTNOMAH	OR	122.4	45.5	1.09E+09	1.52E+08	13.9	5.26E+07	37.0	9.1	53.9	1.89E+07	3.32E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
41	53	POLK	OR	123.4	44.9	1.90E+09	8.12E+08	42.6	2.51E+08	38.3	34.9	26.9	5.50E+07	1.73E+06
41	55	SHERMAN	OR	120.7	45.4	2.15E+09	1.92E+09	89.3	7.57E+08	3.8		96.2	2.55E+06	1.45E+06
41	57	TILLAMOOK	OR	123.7	45.4	2.89E+09	1.79E+08	6.2	1.11E+08	60.2	14.9	24.9	1.74E+07	4.45E+04
41	59	UMATILLA	OR	118.7	45.6	8.36E+09	5.61E+09	67.1	2.72E+09	4.1	10.2	85.6	3.80E+08	1.09E+06
41	61	UNION	OR	118.0	45.3	5.26E+09	1.89E+09	35.9	1.23E+09	9.7	30.6	59.8	1.93E+08	1.65E+06
41	63	WALLOWA	OR	117..	45.6	8.23E+09	3.13E+09	38.0	2.64E+09	3.9	17.7	78.4	1.57E+08	1.40E+06
41	65	WASCO	OR	121.2	45.2	6.17E+09	4.82E+09	78.2	3.74E+09	2.1	4.8	93.1	7.97E+07	1.77E+06
41	67	WASHINGTON	OR	123.1	45.6	1.85E+09	6.52E+08	35.1	1.17E+08	49.0	28.0	23.1	5.93E+07	1.51E+06
41	69	WHEELER	OR	120.0	44.7	4.42E+09	2.86E+09	64.6	2.69E+09	0.5	9.1	90.4	2.48E+07	1.77E+06
41	71	YAMHILL	OR	123.3	45.2	1.84E+09	8.06E+08	43.8	1.98E+08	43.8	33.7	22.5	8.67E+07	1.16E+06
42	0		PA			1.16E+11	3.31E+10	28.4	8.52E+09	48.6	19.3	32.1	7.18E+07	4.04E+07
42	1	ADAMS	PA	77.2	39.9	1.36E+09	7.74E+08	56.8	1.72E+08	45.2	15.2	39.6	4.97E+06	2.08E+06
42	3	ALLEGHENY	PA	80.0	40.5	1.89E+09	1.36E+08	7.2	4.53E+07	58.9	10.9	30.2	1.30E+06	1.25E+05
42	5	ARMSTRONG	PA	79.5	40.8	1.69E+09	5.22E+08	30.9	1.45E+08	59.0	16.7	24.4	3.16E+05	3.64E+05
42	7	BEAVER	PA	80.3	40.7	1.14E+09	2.35E+08	20.6	7.11E+07	54.9	20.0	25.1	2.10E+05	1.86E+05
42	9	BEDFORD	PA	78.5	40.0	2.64E+09	9.16E+08	34.7	2.52E+08	47.4	29.2	23.3	3.72E+05	5.54E+05
42	11	BERKS	PA	75.9	40.4	2.23E+09	1.05E+09	47.0	1.77E+08	53.8	8.4	37.9	4.62E+06	1.44E+06
42	13	BLAIR	PA	78.3	40.5	1.37E+09	3.46E+08	25.2	7.35E+07	50.5	17.3	32.1	1.19E+06	1.94E+05
42	15	BRADFORD	PA	76.5	41.8	2.97E+09	1.45E+09	48.6	4.59E+08	46.3	18.0	35.7	3.88E+05	3.58E+06
42	17	BUCKS	PA	75.1	40.3	1.59E+09	4.43E+08	27.9	6.21E+07	50.3	4.9	44.8	4.76E+06	4.25E+05
42	19	BUTLER	PA	79.9	40.9	2.06E+09	5.94E+08	28.9	1.51E+08	54.4	14.2	31.4	1.28E+06	9.31E+05
42	21	CAMBRIA	PA	78.7	40.5	1.79E+09	3.33E+08	18.6	6.85E+07	41.0	35.0	24.0	7.28E+04	4.01E+05
42	23	CAMERON	PA	78.2	41.4	1.04E+09	1.01E+07	1.0	2.70E+06	73.7	15.5	10.8		
42	25	CARBON	PA	75.7	40.9	1.05E+09	8.49E+07	8.1	1.03E+07	70.9	21.0	8.1	4.45E+04	1.25E+05
42	27	CENTRE	PA	77.8	40.9	2.89E+09	5.88E+08	20.4	1.25E+08	52.8	20.2	27.0	4.33E+05	4.17E+05
42	29	CHESTER	PA	75.7	40.0	1.97E+09	9.03E+08	45.8	2.52E+08	42.5	6.3	51.2	1.99E+06	1.65E+06
42	31	CLARION	PA	79.4	41.2	1.55E+09	3.99E+08	25.8	9.61E+07	54.3	15.8	29.9	2.27E+05	2.83E+05
42	33	CLEARFIELD	PA	78.5	41.0	2.95E+09	2.71E+08	9.2	5.48E+07	61.1	19.7	19.2	1.46E+05	4.61E+05
42	35	CLINTON	PA	77.6	41.2	2.33E+09	1.73E+08	7.4	3.34E+07	60.3	19.7	20.0	7.28E+04	2.83E+04
42	37	COLUMBIA	PA	76.4	41.0	1.25E+09	5.30E+08	42.3	6.47E+07	57.3	16.5	26.1	1.32E+06	5.58E+05
42	39	CRAWFORD	PA	80.1	41.7	2.62E+09	9.47E+08	36.1	3.02E+08	39.0	23.7	37.2	2.55E+05	9.15E+05
42	41	CUMBERLAND	PA	77.3	40.2	1.44E+09	6.12E+08	42.6	1.23E+08	62.5	11.9	25.6	2.70E+06	5.06E+05
42	43	DAUPHIN	PA	76.8	40.4	1.34E+09	4.33E+08	32.3	6.58E+07	49.6	4.9	45.4	8.78E+05	6.15E+05
42	45	DELAWARE	PA	75.4	39.9	4.77E+08	3.83E+07	8.0	1.1?E+07	30.9	28.0	41.1	4.37E+05	1.21E+05
42	47	ELK	PA	78.6	41.4	2.09E+09	5.99E+07	2.9	1.72E+07	46.9	32.4	20.6	2.43E+04	7.28E+04
42	49	ERIE	PA	80.0	42.0	2.10F+09	8.06E+08	38.3	2.28E+08	40.3	28.5	31.2	1.77E+06	1.16E+06
42	51	FAYETTE	PA	79.6	39.9	2.08E+09	3.98E+08	19.1	1.37E+08	62.6	17.0	20.4	3.16E+05	2.95E+05
42	53	FOREST	PA	79.2	41.5	1.09E+09	2.43E+07	2.2	4.14E+06	66.1	19.2	14.7		3.64E+04
42	55	FRANKLIN	PA	77.7	39.9	1.95E+09	1.02E+09	52.2	3.26E+08	55.1	11.2	33.7	6.13E+06	1.32E+06
42	57	FULTON	PA	78.1	39.9	1.13E+09	4.02E+08	35.7	9.87E+07	57.7	17.1	25.2	2.14E+05	2.63E+05
42	59	GREENE	PA	80.2	39.9	1.50E+09	6.29E+08	42.0	4.17E+08	48.1	14.4	37.5	1.01E+05	3.08E+05
42	61	HUNTINGDON	PA	78.0	40.4	3.32E+09	5.72E+08	24.7	1.42E+08	45.3	27.8	26.9	4.69E+05	1.74E+05
42	63	INDIANA	PA	79.1	40.7	2.14E+09	6.35E+08	29.7	1.34E+08	59.9	16.0	24.1	1.03E+06	8.82E+05
42	65	JEFFERSON	PA	79.0	41.1	1.69E+09	3.59E+08	21.3	9.93E+07	53.7	12.6	33.6	1.70E+05	4.90E+05
42	67	JUNIATA	PA	77.4	40.5	1.00E+09	4.22E+08	42.2	9.34E+07	43.5	39.1	17.4	6.07E+05	1.25E+05
42	69	LACKAWANNA	PA	75.6	41.4	1.18E+09	1.92E+08	16.3	6.28E+07	48.5	23.0	28.5	4.05E+03	4.01E+05
42	71	LANCASTER	PA	76.2	40.0	2.45E+09	1.62E+09	66.0	2.69E+08	53.3	7.3	39.4	8.36E+06	1.76E+06
42	73	LAURENCE	PA	80.3	41.0	9.51E+08	3.48E+08	36.6	1.04E+08	43.9	23.7	32.4	1.50E+05	3.93E+05
42	75	LEBANON	PA	76.5	40.4	9.40E+08	4.39E+08	46.7	8.65E+07	68.6	6.2	25.2	7.22E+05	3.97E+05
42	77	LEHIGH	PA	75.6	40.6	9.01E+08	4.10E+08	45.5	2.92E+07	58.1	11.9	29.9	4.01E+06	6.60E+05
42	79	LUZERNE	PA	76.0	41.2	2.29E+09	2.60E+08	11.3	4.33E+07	51.2	30.1	18.7	1.48E+06	5.63E+05

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
42	81	LYCOMING	PA	77.1	41.3	3.15E+09	6.31E+08	20.0	1.23E+08	53.3	21.7	24.9	1.30E+06	3.93E+05
42	83	MC KEAN	PA	78.6	41.8	2.57E+09	1.94E+08	7.6	7.79E+07	35.8	37.6	26.6	2.99E+05	6.47E+04
42	85	MERCER	PA	80.3	41.3	1.74E+09	7.27E+08	41.9	2.05E+08	46.1	20.8	33.1	3.84E+05	5.39E+05
42	87	MIFFLIN	PA	77.6	40.6	1.12E+09	3.83E+08	34.3	1.04E+08	59.4	18.6	22.0	2.59E+05	1.50E+05
42	89	MONROE	PA	75.3	41.1	1.58E+09	1.14E+08	7.2	1.76E+07	58.1	24.2	17.6	4.21E+05	4.29E+05
42	91	MONTGOMERY	PA	75.4	40.2	1.28E+09	2.97E+08	23.1	4.62E+07	69.4	11.7	18.9	5.06E+05	2.19E+05
42	93	MONTOUR	PA	76.7	41.0	3.36E+08	1.91E+08	56.8	2.74E+07	47.1	26.7	26.1	6.88E+04	1.25E+05
42	95	NORTHAMPTON	PA	75.3	40.8	9.74E+08	4.17E+08	42.8	3.96E+07	58.5	18.4	23.1	2.59E+05	3.84E+05
42	97	NORTHUMBERLA	PA	76.7	40.8	1.17E+09	4.98E+08	42.4	7.10E+07	55.7	20.9	23.4	9.27E+05	4.90E+05
42	99	PERRY	PA	77.3	40.4	1.43E+09	5.35E+08	37.5	9.59E+07	50.6	25.9	23.5	6.89E+04	2.14E+05
42	101	PHILADELPHIA	PA	75.1	40.0	3.33E+08	4.03E+06	1.2	8.74E+05	84.7		15.3	4.86E+04	
42	103	PIKE	PA	75.1	41.3	1.40E+09	3.17E+07	2.3	8.15E+06	13.3	11.5	75.3	4.05E+03	5.67E+04
42	105	POTTER	PA	77.9	41.7	2.83E+09	4.18E+08	14.8	1.24E+08	40.3	30.8	28.9	4.05E+03	5.79E+05
42	107	SCHUYLKILL	PA	76.2	40.7	2.03E+09	3.98E+08	19.6	5.35E+07	52.8	25.7	21.5	2.96E+06	6.23E+05
42	109	SNYDER	PA	77.1	40.8	8.48E+08	4.17E+08	49.2	7.27E+07	56.1	21.9	22.0	1.62E+05	2.59E+05
42	111	SOMERSET	PA	79.0	40.0	2.79E+09	9.10E+08	32.6	2.80E+08	41.4	35.8	22.8	1.34E+05	9.11E+05
42	113	SULLIVAN	PA	76.5	41.4	1.24E+09	1.49E+08	12.0	5.14E+07	30.6	25.1	44.3		3.12E+05
42	115	SUSQUEHANNA	PA	75.8	41.8	2.16E+09	9.23E+08	42.8	3.53E+08	39.2	25.3	35.5	4.34E+06	2.95E+06
42	117	TIOGA	PA	77.3	41.8	2.97E+09	9.23E+08	31.1	3.54E+08	39.7	19.2	41.1	4.86E+04	1.29E+06
42	119	UNION	PA	77.1	41.0	8.24E+08	3.07E+08	37.2	5.19E+07	51.8	12.6	35.6	5.67E+04	1.34E+05
42	121	VENANGO	PA	79.8	41.4	1.75E+09	2.65E+08	15.1	5.37E+07	52.6	19.9	27.5	1.29E+05	1.09E+05
42	123	WARREN	PA	79.3	41.8	2.34E+09	2.93E+08	12.5	8.43E+07	42.6	26.9	30.4	8.50E+04	1.70E+05
42	125	WASHINGTON	PA	80.2	40.2	2.22E+09	8.45E+08	38.1	3.88E+08	51.7	13.0	35.3	1.78E+06	7.45E+05
42	127	WAYNE	PA	75.3	41.7	1.92E+09	6.43E+08	33.5	2.68E+08	37.6	26.5	35.8	4.86E+04	1.70E+06
42	129	WESTMORELAND	PA	79.5	40.3	2.65E+09	6.68E+08	25.2	2.12E+08	55.3	17.4	27.3	2.51E+05	6.88E+05
42	131	WYOMING	PA	76.0	41.5	1.03E+09	3.43E+08	33.3	1.10E+08	46.4	23.3	30.3	7.69E+04	6.92E+05
42	133	YORK	PA	76.7	39.9	2.35E+09	1.23E+09	52.1	2.11E+08	54.3	12.5	33.2	1.54E+06	9.31E+05
44	0		RI			2.72E+09	2.47E+08	9.1	5.79E+07	37.2	33.3	29.5	9.45E+06	3.16E+05
44	1	BRISTOL	RI	71.3	41.7	6.45E+07	9.22E+06	14.3	1.53E+06	53.3	1.9	44.8	2.35E+05	3.64E+04
44	3	KENT	RI	71.6	41.7	4.47E+08	3.37E+07	7.5	6.67E+06	26.7	38.1	35.2	8.09E+05	5.26E+04
44	5	NEWPORT	RI	71.2	41.6	2.72E+08	4.15E+07	15.2	1.02E+07	49.3	27.3	23.4	1.74E+06	4.05E+04
44	7	PROVIDENCE	RI	71.6	41.9	1.08E+09	7.04E+07	6.5	1.47E+07	41.5	26.2	32.4	1.19E+06	1.13E+05
44	9	WASHINGTON	RI	71.6	41.5	8.57E+08	9.24E+07	10.8	2.39E+07	32.7	38.4	28.9	5.47E+06	7.69E+04
45	0		SC			7.83E+10	2.50E+10	31.9	7.16E+09	39.8	37.7	22.5	4.18E+07	6.61E+07
45	1	ABBEVILLE	SC	82.5	34.2	1.31E+09	4.51E+08	34.4	2.95E+08	47.5	32.5	20.0		1.48E+06
45	3	AIKEN	SC	81.6	33.6	2.82E+09	7.01E+08	24.9	1.99E+08	34.7	52.9	12.4	3.24E+04	1.62E+06
45	5	ALLENDALE	SC	81.4	33.0	1.08E+09	5.04E+08	46.5	5.53E+07	29.0	35.3	35.7	2.42E+06	8.05E+05
45	7	ANDERSON	SC	82.6	34.5	1.94E+09	7.09E+08	36.5	3.84E+08	54.4	18.4	27.2	2.99E+05	1.36E+06
45	9	BAMBERG	SC	81.0	33.2	1.02E+09	4.19E+08	41.0	7.25E+07	35.8	37.4	26.8	2.02E+05	6.19E+05
45	11	BARNWELL	SC	81.4	33.3	1.43E+09	4.79E+08	33.4	7.83E+07	42.0	33.3	24.8	6.47E+04	1.43E+06
45	13	BEAUFORT	SC	80.8	32.4	1.50E+09	3.30E+08	22.0	1.18E+08	18.9	42.0	39.0	2.52E+06	8.42E+05
45	15	BERKELEY	SC	79.9	33.2	2.87E+09	3.23E+08	11.2	7.63E+07	28.3	57.6	14.1	6.56E+05	4.17E+05
45	17	CALHOUN	SC	80.8	33.7	9.77E+08	5.32E+08	54.5	1.17E+08	28.3	57.2	14.5	1.94E+05	1.62E+06
45	19	CHARLESTON	SC	80.0	32.8	2.43E+09	3.05E+08	12.5	1.03E+08	38.3	42.2	19.5	3.83E+05	4.37E+05
45	21	CHEROKEE	SC	81.6	35.1	1.02E+09	3.10E+08	30.4	1.53E+08	56.2	34.5	9.4	5.57E+06	6.48E+05
45	23	CHESTER	SC	81.2	34.7	1.51E+09	4.89E+08	32.3	2.57E+08	46.6	37.2	16.2	8.09E+03	8.13E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
45	25	CHESTERFIELD	SC	80.1	34.6	2.05E+09	6.81E+08	33.3	1.43E+08	37.9	26.0	36.5	1.43E+06	2.80E+06
45	27	CLARENDON	SC	80.2	33.7	1.55E+09	6.75E+08	43.5	6.15E+07	33.1	49.8	17.1	6.07E+05	2.55E+06
45	29	COLLETON	SC	80.7	32.9	2.72E+09	1.04E+09	38.2	3.19E+08	20.4	60.8	18.8	1.78E+05	6.72E+05
45	31	DARLINGTON	SC	79.9	34.3	1.41E+09	8.73E+08	62.1	7.97E+07	34.6	27.5	37.8	1.12E+06	1.68E+06
45	33	DILLON	SC	79.4	34.4	1.05E+09	5.16E+08	49.0	5.54E+07	52.3	31.7	16.0	1.91E+06	1.49E+06
45	35	DORCHESTER	SC	80.4	33.1	1.47E+09	3.38E+08	23.0	1.22E+08	23.8	61.8	14.4	1.01E+05	2.19E+05
45	37	EDGEFIELD	SC	82.0	33.8	1.25E+09	4.19E+08	33.6	1.19E+08	37.0	37.8	25.2	2.34E+06	2.61E+06
45	39	FAIRFIELD	SC	81.1	34.4	1.80E+09	3.30E+08	18.3	2.06E+08	32.0	50.9	17.1		1.27E+06
45	41	FLORENCE	SC	79.7	34.0	2.08E+09	1.13E+09	54.1	1.60E+08	12.1	57.9	30.0	9.83E+05	2.14E+06
45	43	GEORGETOWN	SC	79.3	33.4	2.10E+09	2.41E+08	11.5	7.46E+07	20.1	76.1	3.8	3.52E+05	3.20E+05
45	45	GREENVILLE	SC	82.4	34.9	2.05E+09	3.52E+08	17.2	1.81E+08	55.3	27.6	17.1	5.34E+05	8.17E+05
45	47	GREENWOOD	SC	82.1	34.2	1.14E+09	3.63E+08	31.4	2.02E+08	45.6	32.1	22.3	1.66E+05	1.14E+06
45	49	HAMPTON	SC	81.1	32.8	1.45E+09	5.85E+08	40.2	1.05E+08	36.5	43.6	19.9		5.58E+05
45	51	HORRY	SC	79.0	33.9	2.99E+09	9.02E+08	30.2	1.47E+08	23.2	44.8	32.0	3.89E+06	4.05E+06
45	53	JASPER	SC	81.0	32.5	1.49E+09	4.30E+08	28.4	1.16E+08	24.5	64.5	11.0	3.04E+05	1.83E+06
45	55	KERSHAW	SC	80.6	34.4	2.02E+09	3.88E+08	19.2	1.54E+08	34.7	28.1	37.2	4.05E+03	6.96E+05
45	57	LANCASTER	SC	80.7	34.7	1.30E+09	3.15E+08	24.2	2.18E+08	43.5	43.4	13.1		1.18E+06
45	59	LAURENS	SC	82.0	34.5	1.84E+09	6.85E+08	37.2	3.77E+08	39.7	33.1	27.2	4.05E+04	2.52E+06
45	61	LEE	SC	80.2	34.2	1.06E+09	6.14E+08	58.0	4.01E+07	29.4	39.8	30.8	3.97E+05	9.31E+05
45	63	LEXINGTON	SC	81.3	33.9	1.86E+09	5.75E+08	31.0	1.25E+08	43.4	41.4	15.2	3.18E+06	2.14E+06
45	65	MC CORMICK	SC	82.3	33.9	9.31E+08	1.15E+08	12.4	6.44E+07	42.3	38.9	18.8		4.37E+05
45	67	MARION	SC	79.3	34.1	1.24E+09	4.69E+08	37.2	6.34E+07	24.2	62.5	13.3	2.51E+06	1.54E+06
45	69	MARLBORO	SC	79.7	34.6	1.25E+09	6.19E+08	49.5	8.95E+07	35.7	39.4	25.0	2.45E+06	7.61E+05
45	71	NEWBERRY	SC	81.6	34.3	1.64E+09	4.73E+08	28.8	2.04E+08	43.1	35.6	21.3	2.43E+04	2.17E+06
45	73	OCONEE	SC	83.1	34.7	1.69E+09	3.07E+08	18.1	1.72E+08	52.7	31.1	16.2	2.59E+05	3.08E+05
45	75	ORANGEBURG	SC	80.8	33.4	2.86E+09	1.41E+09	49.3	2.27E+08	40.5	42.3	17.3	1.52E+06	3.96E+06
45	77	PICKENS	SC	82.7	34.9	1.27E+09	2.92E+08	23.0	1.36E+08	44.0	38.5	17.6	1.05E+05	3.60E+05
45	79	RICHLAND	SC	80.9	34.0	1.94E+09	3.62E+08	18.7	7.70E+07	29.3	34.7	36.0	5.10E+05	5.22E+05
45	81	SALUDA	SC	81.7	34.0	1.19E+09	5.66E+08	47.7	2.44E+08	48.0	30.0	22.1	1.21E+04	3.52E+06
45	83	SPARTANBURG	SC	82.0	34.9	2.15E+09	6.49E+08	30.2	2.69E+08	44.6	22.4	32.9	9.91E+05	1.84E+06
45	85	SUMTER	SC	80.4	33.9	1.74E+09	7.67E+08	44.0	1.38E+08	35.9	34.2	30.8	1.29E+06	1.12E+06
45	87	UNION	SC	81.6	34.7	1.33E+09	3.43E+08	25.8	2.40E+08	42.9	42.2	15.0	1.09E+05	1.09E+06
45	89	WILLIAMSBURG	SC	79.7	33.6	2.42E+09	1.03E+09	42.3	1.83E+08	29.6	39.7	30.7	7.49E+05	2.44E+06
45	91	YORK	SC	81.2	35.0	1.77E+09	5.98E+08	33.7	3.12E+08	44.1	25.8	30.0	1.20E+06	2.31E+06
46	0		SD			1.[illegible]E+11	1.06E+11	94.6	1.12E+11	10.0	0.7	89.3	6.16E+08	3.37E+08
46	3	AURORA	SD	98.6	43.7	[illegible]E+09	1.69E+09	91.8	7.90E+08	27.0		72.9		3.06E+06
46	5	BEADLE	SD	98.3	44.4	3.26E+09	3.22E+09	98.9	1.45E+09	26.8	0.3	72.9	2.12E+07	3.80E+06
46	7	BENNETT	SD	101.7	43.2	3.06E+09	2.94E+09	96.0	2.15E+09	2.5	0.5	97.0	8.74E+06	8.70E+05
46	9	BON HOMME	SD	97.9	43.0	1.45E+09	1.40E+09	96.7	4.06E+08	46.5	0.8	52.8	1.42E+06	9.83E+05
46	11	BROOKINGS	SD	96.8	44.4	2.07E+09	1.96E+09	94.5	4.99E+08	51.2	0.9	47.9	9.29E+06	1.13E+06
46	13	BROWN	SD	98.4	45.6	4.34E+09	4.34E+09	100.0	1.35E+09	30.0	1.1	68.9	6.42E+06	2.79E+06
46	15	BRULE	SD	99.1	43.7	2.12E+09	2.06E+09	97.4	1.09E+09	16.5	0.1	83.4	2.43E+05	5.07E+06
46	17	BUFFALO	SD	99.2	44.1	1.25E+09	1.25E+09	100.0	1.04E+09	2.7	0.1	97.2	5.98E+06	2.02E+06
46	19	BUTTE	SD	103.5	44.9	5.83E+09	5.66E+09	97.1	5.13E+09	2.0	0.7	97.3	1.71E+08	1.93E+07
46	21	CAMPBELL	SD	100.0	45.8	1.90E+09	1.83E+09	96.4	8.60E+08	16.6		83.4	1.77E+06	1.54E+06
46	23	CHARLES MIX	SD	98.6	43.2	2.84E+09	2.77E+09	97.5	1.18E+09	31.6	0.2	68.2	1.90E+07	4.02E+06
46	25	CLARK	SD	97.7	44.9	2.50E+09	2.29E+09	91.8	7.46E+08	32.8	0.2	67.0	2.24E+06	2.68E+06
46	27	CLAY	SD	97.0	42.9	1.05E+09	9.78E+08	93.2	1.39E+08	53.5	6.0	40.5	5.58E+06	4.90E+05
46	29	CODINGTON	SD	97.2	45.0	1.78E+09	1.57E+09	88.3	4.20E+08	42.8	0.5	56.7	5.46E+05	1.10E+06
46	31	CORSON	SD	101.2	45.7	6.40E+09	5.80E+09	90.7	4.38E+09	2.9		97.1	2.08E+06	9.64E+06
46	33	CUSTER	SD	103.5	43.7	4.03E+09	1.93E+09	47.8	[illegible]71E+09	3.4	3.9	92.7	1.46E+07	2.52E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
46	35	DAVISON	SD	98.1	43.7	1.12E+09	1.06E+09	94.8	3.65E+08	46.1	0.6	53.3	4.11E+06	8.09E+05
46	37	DAY	SD	97.6	45.4	2.67E+09	2.58E+09	96.6	7.10E+08	44.2	0.5	55.3	2.59E+05	2.11E+06
46	39	DEUEL	SD	96.7	44.8	1.65E+09	1.51E+09	91.1	5.04E+08	39.3	0.6	60.1	1.78E+06	1.35E+06
46	41	DEWEY	SD	100.9	45.2	6.09E+09	6.09E+09	100.0	5.08E+09	1.6		98.4	4.86E+05	6.82E+06
46	43	DOUGLAS	SD	98.4	43.4	1.13E+09	1.09E+09	96.6	3.61E+08	43.4	0.1	56.5	6.56E+05	1.52E+06
46	45	EDMUNDS	SD	99.2	45.4	2.99E+09	2.93E+09	98.1	1.19E+09	26.5		73.5	1.62E+05	3.89E+06
46	47	FALL RIVER	SD	103.5	43.2	4.51E+09	4.42E+09	98.0	3.99E+09	1.4	2.4	96.3	4.73E+07	1.39E+07
46	49	FAULK	SD	99.1	45.1	2.58E+09	2.44E+09	94.5	1.13E+09	21.8	0.1	78.1	1.50E+05	5.31E+06
46	51	GRANT	SD	96.8	45.2	1.76E+09	1.76E+09	100.0	5.89E+08	26.9	0.8	72.2	8.26E+05	1.50E+06
46	53	GREGORY	SD	99.2	43.2	2.58E+09	2.52E+09	97.5	1.50E+09	26.8	0.9	72.3	4.50E+06	6.98E+06
46	55	HAAKON	SD	101.5	44.3	4.70E+09	4.44E+09	94.4	3.39E+09	2.9	0.1	97.0	6.60E+06	1.68E+07
46	57	HAMLIN	SD	97.2	44.7	1.32E+09	1.31E+09	99.0	2.99E+08	61.6	0.6	37.8	1.36E+06	7.69E+05
46	59	HAND	SD	99.0	44.5	3.71E+09	3.62E+09	97.7	1.93E+09	15.7		84.2	5.58E+06	8.29E+06
46	61	HANSON	SD	97.8	43.7	1.11E+09	9.94E+08	89.2	2.94E+08	33.2	0.4	66.4	4.01E+05	1.11E+06
46	63	HARDING	SD	103.5	45.6	6.95E+09	6.23E+09	89.7	5.34E+09	1.9	0.2	97.8	5.30E+06	1.80E+07
46	65	HUGHES	SD	100.0	44.4	1.94E+09	1.53E+09	79.2	7.84E+08	10.2	0.1	89.7	1.18E+07	3.57E+06
46	67	HUTCHINSON	SD	97.7	43.3	2.11E+09	2.11E+09	100.0	6.52E+08	53.0	0.3	46.7	2.90E+06	2.73E+06
46	69	HYDE	SD	99.5	44.5	2.23E+09	2.23E+09	100.0	1.58E+09	5.0		95.0	7.32E+05	6.20E+06
46	71	JACKSON	SD	101.6	43.9	2.09E+09	2.09E+09	100.0	1.76E+09	2.1	0.3	97.6	2.45E+06	7.13E+06
46	73	JERAULD	SD	98.6	44.1	1.36E+09	1.36E+09	99.5	7.18E+08	22.4	0.3	77.4	2.83E+05	3.06E+06
46	75	JONES	SD	100.7	44.0	2.52E+09	2.24E+09	89.0	1.51E+09	2.0	0.2	97.8	6.66E+06	1.12E+07
46	77	KINGSBURY	SD	97.5	44.4	2.12E+09	2.04E+09	96.1	6.38E+08	40.4	0.4	59.2	2.00E+06	2.61E+06
46	79	LAKE	SD	97.1	44.0	1.47E+09	1.33E+09	90.7	3.02E+08	57.3	0.7	42.0	2.25E+06	1.43E+06
46	81	LAWRENCE	SD	103.8	44.4	2.07E+09	8.98E+08	43.3	6.59E+08	9.1	15.0	75.9	1.41E+07	1.37E+06
46	83	LINCOLN	SD	96.7	43.3	1.49E+09	1.40E+09	93.8	1.95E+08	63.5	1.9	34.5	1.60E+06	7.73E+05
46	85	LYMAN	SD	99.9	43.9	4.36E+09	4.00E+09	91.7	2.46E+09	6.6		93.4	9.57E+06	1.08E+07
46	87	MC COOK	SD	97.4	43.7	1.49E+09	1.44E+09	96.9	4.05E+08	57.5	0.8	41.7		1.71E+06
46	89	MC PHERSON	SD	99.2	45.8	2.97E+09	2.74E+09	92.3	1.31E+09	12.1	0.4	87.4	4.86E+05	2.00E+06
46	91	MARSHALL	SD	97.6	45.8	2.20E+09	2.06E+09	93.9	7.72E+08	21.0	1.5	77.5	4.05E+03	1.22E+06
46	93	MEADE	SD	102.7	44.6	8.98E+09	8.53E+09	95.1	7.20E+09	2.0	0.8	97.2	1.88E+07	2.35E+07
46	95	MELLETTE	SD	100.8	43.6	3.38E+09	2.94E+09	86.8	2.43E+09	3.1		96.9	3.84E+06	1.03E+07
46	97	MINER	SD	97.6	44.0	1.48E+09	1.31E+09	88.7	5.18E+08	49.9	0.3	49.8	1.51E+06	1.74E+06
46	99	MINNEHAHA	SD	96.8	43.7	2.11E+09	1.91E+09	90.7	3.93E+08	51.9	1.5	46.6	2.76E+06	1.21E+06
46	101	MOODY	SD	96.6	44.0	1.35E+09	1.28E+09	94.9	2.79E+08	48.0	0.6	51.3	1.05E+07	1.20E+06
46	103	PENNINGTON	SD	102.8	44.0	7.20E+09	5.45E+09	75.7	4.47E+09	2.4	2.5	95.1	3.28E+07	1.45E+07
46	105	PERKINS	SD	102.5	45.5	7.41E+09	7.41E+09	100.0	5.72E+09	3.5	0.5	96.0	1.19E+07	1.80E+07
46	107	POTTER	SD	100.0	45.1	2.25E+09	2.25E+09	100.0	1.03E+09	14.8	0.4	84.8	4.61E+06	7.21E+06
46	109	ROBERTS	SD	96.9	45.6	2.87E+09	2.74E+09	95.6	7.31E+08	30.3	1.5	68.1	6.68E+05	1.00E+06
46	111	SANBORN	SD	98.1	44.0	1.48E+09	1.44E+09	97.3	6.87E+08	29.3	0.5	70.2	1.42E+06	9.83E+05
46	113	SHANNON	SD	102.6	43.3	5.44E+09	4.82E+09	88.6	4.45E+09	0.5	0.1	99.5	5.07E+06	9.23E+05
46	115	SPINK	SD	98.3	44.9	3.90E+09	3.80E+09	97.6	1.24E+09	31.4	0.6	68.0	2.44E+07	3.38E+06
46	117	STANLEY	SD	100.7	44.4	3.66E+09	3.66E+09	100.0	3.22E+09	2.2		97.8	3.94E+06	1.04E+07
46	119	SULLY	SD	100.1	44.7	2.60E+09	2.51E+09	96.5	1.19E+09	10.1	0.1	89.9	1.63E+07	5.13E+06
46	121	TODD	SD	100.7	43.2	3.59E+09	3.59E+09	100.0	3.91E+09	2.0	0.6	97.4	9.18E+06	1.92E+06
46	123	TRIPP	SD	99.9	43.3	4.19E+09	4.06E+09	96.8	2.31E+09	10.4	0.2	89.4	3.74E+06	9.36E+06
46	125	TURNER	SD	97.1	43.3	1.58E+09	1.58E+09	100.0	3.35E+08	54.6	1.0	44.4	1.73E+07	1.50E+06
46	127	UNION	SD	96.6	42.8	1.17E+09	1.09E+09	93.1	1.53E+08	59.9	5.7	34.3	2.22E+07	5.30E+05
46	129	WALWORTH	SD	100.0	45.4	1.86E+09	1.79E+09	96.1	7.68E+08	12.8	0.3	86.9	7.04E+06	3.16E+06
46	131	WASHABAUGH	SD	101.7	43.6	2.75E+09	2.75E+09	100.0	2.45E+09	2.0		98.0	6.27E+06	2.53E+06
46	135	YANKTON	SD	97.4	43.0	1.34E+09	1.20E+09	88.9	3.29E+08	40.4	1.6	58.0	5.58E+06	1.38E+06
46	137	ZIEBACH	SD	101.7	45.0	5.13E+09	5.13E+09	100.0	4.88E+09	1.6		98.4	1.34E+06	1.10E+07

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
47	0		TN			1.07E+11	5.30E+10	49.5	2.49E+10	57.0	23.4	19.7	3.99E+07	1.16E+08
47	1	ANDERSON	TN	84.2	36.1	8.68E+08	1.71E+08	19.7	9.60E+07	51.4	22.8	25.8	4.05E+04	8.09E+04
47	3	BEDFORD	TN	86.5	35.5	1.25E+09	9.12E+08	73.1	6.02E+08	55.9	24.4	19.7		2.21E+06
47	5	BENTON	TN	88.1	36.1	1.02E+09	3.42E+08	33.7	1.33E+08	52.5	24.8	22.7	2.23E+05	1.15E+06
47	7	BLEDSOE	TN	85.2	35.6	1.05E+09	4.06E+08	38.8	1.90E+08	64.1	17.4	18.5	6.07E+04	1.15E+06
47	9	BLOUNT	TN	83.9	35.7	1.49E+09	4.60E+08	30.9	2.60E+08	68.7	16.2	15.1	4.49E+05	6.52E+05
47	11	BRADLEY	TN	84.9	35.2	8.65E+08	3.78E+08	43.8	2.21E+08	52.9	28.2	19.0	2.83E+04	7.77E+05
47	13	CAMPBELL	TN	84.1	36.4	1.17E+09	1.43E+08	12.3	8.32E+07	66.7	22.0	11.2	4.05E+03	1.54E+05
47	15	CANNON	TN	86.1	35.8	7.02E+08	4.04E+08	57.6	2.31E+08	52.5	26.6	20.9		5.63E+05
47	17	CARROLL	TN	88.5	36.0	1.54E+09	8.69E+08	56.3	3.17E+08	56.4	23.4	20.2	3.24E+04	1.40E+06
47	19	CARTER	TN	82.1	36.3	9.01E+08	2.04E+08	22.6	1.22E+08	53.7	25.0	21.2	1.58E+05	2.51E+05
47	21	CHEATHAM	TN	87.1	36.3	7.89E+08	2.98E+08	37.8	1.44E+08	63.6	22.9	13.5	1.21E+05	7.73E+05
47	23	CHESTER	TN	88.6	35.4	7.38E+08	4.26E+08	57.7	1.06E+08	47.0	30.3	22.6		1.10E+06
47	25	CLAIBORNE	TN	83.7	36.5	1.15E+09	5.59E+08	48.6	3.09E+08	61.6	22.6	15.8	3.28E+05	9.47E+05
47	27	CLAY	TN	85.5	36.6	6.02E+08	3.70E+08	61.5	1.76E+08	51.3	34.9	13.8	4.05E+04	7.41E+05
47	29	COCKE	TN	83.1	35.9	1.10E+09	4.11E+08	37.4	2.15E+08	58.0	22.0	20.1	3.17E+06	3.88E+05
47	31	COFFEE	TN	86.1	35.5	1.12E+09	6.26E+08	55.7	2.82E+08	53.3	21.6	25.1	4.05E+03	1.07E+06
47	33	CROCKETT	TN	89.1	35.8	6.96E+08	6.59E+08	94.7	1.13E+08	65.0	11.4	23.5	7.28E+04	2.00E+06
47	35	CUMBERLAND	TN	85.0	36.0	1.76E+09	3.82E+08	21.8	1.86E+08	58.5	28.1	13.4	1.01E+06	1.40E+06
47	37	DAVIDSON	TN	86.8	36.2	1.32E+09	3.28E+08	24.9	2.06E+08	55.0	24.2	20.7	6.03E+05	7.16E+05
47	39	DECATUR	TN	88.1	35.6	8.73E+08	4.23E+08	48.4	1.79E+08	52.3	33.9	13.8		1.26E+06
47	41	DE KALB	TN	85.8	36.0	7.21E+08	4.30E+08	59.7	2.50E+08	56.8	27.9	15.3	1.82E+05	7.28E+05
47	43	DICKSON	TN	87.4	36.1	1.26E+09	6.25E+08	49.7	3.52E+08	62.2	23.9	13.9	8.53E+04	2.00E+06
47	45	DYER	TN	89.4	36.1	1.37E+09	1.05E+09	76.4	1.83E+08	69.2	8.2	22.6	6.77E+06	1.64E+06
47	47	FAYETTE	TN	89.4	35.2	1.82E+09	1.41E+09	77.1	5.24E+08	42.9	25.5	31.6	1.27E+06	4.95E+06
47	49	FENTRESS	TN	84.9	36.4	1.29E+09	3.28E+08	25.4	1.47E+08	54.4	31.7	13.9		5.58E+05
47	51	FRANKLIN	TN	86.1	35.2	1.43E+09	6.43E+08	44.9	2.36E+08	61.2	15.7	23.1	1.54E+05	1.51E+06
47	53	GIBSON	TN	88.9	36.0	1.57E+09	1.28E+09	81.4	3.11E+08	63.6	17.1	19.3	1.10E+06	4.44E+06
47	55	GILES	TN	87.0	35.2	1.60E+09	1.11E+09	69.4	8.06E+08	53.8	25.0	21.2	8.09E+04	1.61E+06
47	57	GRAINGER	TN	83.5	36.3	7.61E+08	4.35E+08	57.5	2.50E+08	54.2	26.5	19.3	1.46E+05	7.00E+05
47	59	GREENE	TN	82.8	36.2	1.59E+09	1.05E+09	66.2	6.09E+08	64.3	14.5	21.1	2.19E+06	2.34E+06
47	61	GRUNDY	TN	85.7	35.4	9.27E+08	1.89E+08	20.3	6.11E+07	64.5	12.6	22.9	9.71E+04	2.10E+05
47	63	HAMBLEN	TN	83.2	36.2	4.00E+08	2.71E+08	67.7	1.57E+08	62.7	12.0	25.2	2.59E+06	4.01E+05
47	65	HAMILTON	TN	85.2	35.2	1.43E+09	2.74E+08	19.2	1.39E+08	65.4	21.8	12.8	9.31E+04	4.82E+05
47	67	HANCOCK	TN	83.2	36.5	5.96E+08	3.28E+08	55.0	1.91E+08	45.2	33.0	21.9	1.21E+05	2.87E+05
47	69	HARDEMAN	TN	89.0	35.2	1.70E+09	1.01E+09	59.4	3.78E+08	38.5	31.4	30.1	8.09E+04	3.01E+06
47	71	HARDIN	TN	88.2	35.2	1.52E+09	5.69E+08	37.4	2.00E+08	44.1	30.8	25.1		5.06E+05
47	73	HAWKINS	TN	82.9	36.4	1.24E+09	7.09E+08	57.0	3.99E+08	53.5	20.3	26.2	4.37E+05	8.90E+05
47	75	HAYWOOD	TN	89.3	35.6	1.34E+09	9.83E+08	73.1	2.05E+08	60.4	14.5	25.3	4.36E+04	2.34E+06
47	77	HENDERSON	TN	88.4	35.7	1.33E+09	7.69E+08	57.7	2.83E+08	51.1	24.7	24.2		1.96E+06
47	79	HENRY	TN	88.3	36.3	1.47E+09	9.24E+08	62.9	4.02E+08	44.6	38.1	17.3	1.17E+05	2.38E+06
47	81	HICKMAN	TN	87.5	35.8	1.58E+09	5.79E+08	36.6	3.04E+08	54.3	26.6	19.1	4.45E+04	1.02E+06
47	83	HOUSTON	TN	87.7	36.3	5.21E+08	2.09E+08	40.1	1.01E+08	47.9	30.0	22.1		3.20E+05
47	85	HUMPHREYS	TN	87.8	36.0	1.37E+09	5.19E+08	37.8	2.34E+08	45.6	35.5	19.5	4.05E+03	7.61E+05
47	87	JACKSON	TN	85.7	36.4	8.36E+08	4.32E+08	51.7	2.40E+08	49.2	30.3	20.4	1.05E+05	6.31E+05
47	89	JEFFERSON	TN	83.4	36.1	7.08E+08	4.87E+08	68.8	2.88E+08	66.4	14.3	19.3	2.14E+05	9.43E+05
47	91	JOHNSON	TN	81.8	36.5	7.60E+07	7.60E+07	100.0	1.35E+08	50.5	27.3	22.2	8.09E+03	2.35E+05
47	93	KNOX	TN	83.9	36.0	1.32E+09	4.22E+08	32.1	2.43E+08	63.0	15.3	21.7	5.22E+05	4.57E+05
47	95	LAKE	TN	89.5	36.4	4.32E+08	3.84E+08	88.7	3.08E+06	56.5	40.4	3.0	2.35E+05	1.41E+04
47	97	LAUDERDALE	TN	89.6	35.8	1.24E+09	8.29E+08	67.1	.82E+08	58.0	15.2	26.8	8.34E+05	2.01E+06
47	99	LAWRENCE	TN	87.4	35.2	1.44E+09	8.97E+08	54.6	4.09E+08	57.6	21.4	21.1	8.09E+03	1.44E+06
47	101	LEWIS	TN	87.5	35.5	7.38E+08	1.87E+08	25.3	4.69E+07	56.4	24.8	18.7		1.44E+05
47	103	LINCOLN	TN	86.6	35.1	1.50E+09	1.19E+09	78.9	7.37E+08	54.0	27.2	18.8	7.04E+05	2.85E+06
47	105	LOUDON	TN	84.3	35.7	6.14E+08	3.73E+08	60.8	2.20E+08	57.6	18.9	13.5	1.74E+05	8.46E+05

APPENDIX A (CONTINUED)

ST	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
47	107	MC MINN	TN	84.6	35.4	1.12E+09	5.69E+08	50.9	3.19E+08	56.5	27.0	16.6	1.66E+05	1.18E+06
47	109	MC NAIRY	TN	88.6	35.2	1.47E+09	7.27E+08	49.3	2.10E+08	42.1	31.2	26.6		1.61E+06
47	111	MACON	TN	86.0	36.5	7.87E+08	5.72E+08	72.7	3.15E+08	58.1	28.5	13.4	1.86E+05	1.00E+06
47	113	MADISON	TN	88.8	35.6	1.45E+09	9.28E+08	64.0	2.80E+08	45.8	35.6	28.6	6.84E+05	2.84E+06
47	115	MARION	TN	85.6	35.1	1.31E+09	2.36E+08	18.0	1.02E+08	68.7	17.2	14.1		1.17E+05
47	117	MARSHALL	TN	86.8	35.5	9.76E+08	7.13E+08	73.0	4.91E+08	51.4	24.1	24.5	2.43E+05	9.02E+05
47	119	MAURY	TN	87.1	35.4	1.59E+09	1.20E+09	75.5	7.61E+08	59.2	22.4	18.4	6.07E+04	2.48E+06
47	121	MEIGS	TN	84.8	35.5	4.94E+08	2.70E+08	54.7	1.35E+08	54.4	18.9	26.7	3.84E+05	2.87E+05
47	123	MONROE	TN	84.3	35.4	1.71E+09	4.56E+08	26.7	2.38E+08	60.9	21.6	17.5	7.41E+05	8.01E+05
47	125	MONTGOMERY	TN	87.4	36.5	1.40E+09	8.13E+08	58.3	4.29E+08	59.4	24.5	16.1	1.38E+05	2.99E+06
47	127	MOORE	TN	86.4	35.3	3.21E+08	2.18E+08	67.8	1.58E+08	63.2	24.6	11.2	1.29E+05	3.28E+05
47	129	MORGAN	TN	84.6	36.1	1.40E+09	2.05E+08	14.7	8.71E+07	40.1	48.6	11.3		8.34E+05
47	131	OBION	TN	89.2	36.4	1.44E+09	1.07E+09	74.5	2.86E+08	64.2	13.9	21.9	5.67E+05	3.48E+06
47	133	OVERTON	TN	85.3	36.3	1.14E+09	5.61E+08	49.1	2.87E+08	63.6	23.5	13.0	7.28E+04	8.01E+05
47	135	PERRY	TN	87.9	35.6	1.07E+09	3.55E+08	33.3	1.07E+08	51.4	33.2	15.4		1.66E+05
47	137	PICKETT	TN	85.1	36.6	4.19E+08	1.63E+08	39.7	8.30E+07	60.7	31.7	17.6	2.02E+04	2.71E+05
47	139	POLK	TN	84.5	35.1	1.13E+09	1.41E+08	12.8	6.83E+07	56.6	24.5	18.9		1.25E+05
47	141	PUTNAM	TN	85.5	36.1	1.05E+09	5.02E+08	47.9	3.08E+08	53.1	23.8	23.2	2.79E+05	8.22E+05
47	143	RHEA	TN	84.9	35.6	8.08E+08	2.31E+08	28.6	1.17E+08	59.6	21.3	19.1		9.14E+05
47	145	ROANE	TN	84.5	35.9	9.06E+08	2.60E+08	28.7	1.31E+08	60.5	24.0	15.5	5.26E+04	2.10E+05
47	147	ROBERTSON	TN	86.9	36.5	1.[illegible]E+09	1.05E+09	85.1	4.57E+08	69.7	15.6	14.6	2.95E+05	3.95E+06
47	149	RUTHERFORD	TN	86.4	35.9	1.59E+09	1.04E+09	65.7	7.09E+08	55.4	29.0	15.5	9.71E+04	1.71E+06
47	151	SCOTT	TN	84.5	36.4	1.41E+09	1.76E+08	12.5	4.44E+07	47.6	18.8	14.4		2.35E+05
47	153	SEQUATCHIE	TN	85.4	35.4	7.07E+08	1.38E+08	19.5	6.61E+07	64.4	16.7	18.9	1.21E+04	2.03E+05
47	155	SEVIER	TN	83.5	35.8	1.55E+09	4.64E+08	30.0	2.45E+08	65.8	14.9	19.2	2.23E+05	5.63E+05
47	157	SHELBY	TN	89.9	35.2	1.95E+09	9.21E+08	47.1	2.03E+08	63.5	13.4	24.1	9.43E+05	2.30E+06
47	159	SMITH	TN	86.0	36.3	8.36E+08	6.70E+08	80.1	4.86E+08	51.7	26.7	21.6	1.01E+06	1.88E+06
47	161	STEWART	TN	87.8	36.5	1.22E+09	2.59E+08	21.3	1.23E+08	47.4	40.3	12.3	3.64E+04	3.88E+05
47	163	SULLIVAN	TN	82.3	36.5	1.07E+09	4.13E+08	38.6	2.36E+08	63.6	17.0	19.4	7.28E+04	5.10E+05
47	165	SUMNER	TN	86.5	36.5	1.38E+09	8.78E+08	63.5	5.42E+08	60.5	17.5	22.0	1.24E+06	2.80E+06
47	167	TIPTON	TN	89.7	35.5	1.19E+09	8.12E+08	68.3	1.63E+08	59.3	16.9	23.9	2.39E+05	2.38E+06
47	169	TROUSDALE	TN	86.1	36.4	2.95E+08	2.79E+08	94.5	1.09E+08	58.7	25.5	15.8	8.98E+05	6.80E+05
47	171	UNICOI	TN	82.4	36.1	4.79E+08	7.30E+07	15.2	3.20E+07	41.3	43.4	15.3	1.09E+[illegible]	3.64E+04
47	173	UNION	TN	83.8	36.3	5.49E+08	2.17E+08	39.4	1.33E+08	52.7	31.0	16.3	1.[illegible]E+05	1.06E+05
47	175	VAN BUREN	TN	85.4	35.7	6.58E+08	1.44E+08	22.0	7.67E+07	62.9	23.6	14.5		2.23E+05
47	177	WARREN	TN	85.8	35.7	1.14E+09	7.32E+08	63.5	3.50E+08	65.3	16.9	17.8	3.56E+05	2.27E+06
47	179	WASHINGTON	TN	82.5	36.3	8.38E+08	5.19E+08	62.0	2.97E+08	68.5	12.4	19.1	3.97E+05	9.03E+05
47	181	WAYNE	TN	87.8	35.2	1.91E+09	6.11E+08	31.9	2.30E+08	57.6	25.9	16.5	1.21E+04	6.64E+05
47	183	WEAKLEY	TN	88.7	36.3	1.49E+09	9.60E+08	65.7	2.60E+08	65.1	19.5	15.4	2.79E+05	2.05E+06
47	185	WHITE	TN	85.5	35.9	9.90E+08	5.94E+08	60.0	2.92E+08	64.1	15.5	20.4	5.26E+04	1.63E+06
47	187	WILLIAMSON	TN	86.9	35.9	1.54E+09	9.72E+08	63.3	6.07E+08	55.2	25.6	19.2	6.19E+05	2.89E+06
47	189	WILSON	TN	86.3	36.2	1.47E+09	9.86E+08	67.1	7.26E+08	54.8	26.3	18.9	1.21E+05	1.90E+06
48	0		TX			8.79E+11	5.43E+11	80.0	4.27E+11	10.7	4.9	84.4	2.67E+10	9.18E+08
48	1	ANDERSON	TX	95.7	31.8	2.78E+09	1.40E+09	50.3	1.13E+09	26.2	33.7	40.2	2.95E+06	5.16E+06
48	3	ANDREWS	TX	102.6	32.3	3.90E+09	2.59E+09	66.5	2.08E+09	1.3		98.7	1.47E+07	3.88E+05
48	5	ANGELINA	TX	94.6	31.3	1.91E+09	4.49E+08	23.5	3.87E+08	35.5	30.4	34.1	8.94E+05	1.17E+06
48	7	ARANSAS	TX	97.0	28.2	7.12E+08	9.70E+07	13.6	8.69E+07	4.5		95.5		2.03E+04
48	9	ARCHER	TX	98.7	33.6	2.36E+09	2.08E+09	87.9	1.78E+09	8.9	3.7	88.3	1.38E+06	1.01E+07
48	11	ARMSTRONG	TX	101.4	35.0	2.35E+09	2.11E+09	90.0	1.40E+09	6.1	0.2	93.6	6.82E+07	1.60E+06
48	13	ATASCOSA	TX	98.5	28.9	3.12E+09	2.66E+09	85.1	2.20E+09	22.0	8.7	69.3	1.26E+08	9.72E+06
48	15	AUSTIN	TX	96.3	29.9	1.72E+09	1.36E+09	79.2	1.06E+09	30.1	9.1	60.8	1.31E+07	4.57E+06

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND ACRES	FARM LAND ACRES	FARM LAND % OF TOTAL	TOT. PASTURE ACRES	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND ACRES	AGRICULTURAL POND AREA(ACRES)
48	17	BAILEY	TX	102.8	34.1	2.16E+09	1.70E+09	78.7	5.10E+08	16.2	0.2	83.6	4.83E+08	4.09E+05
48	19	BANDERA	TX	99.2	29.7	1.98E+09	1.63E+09	82.2	1.50E+09	7.1	13.6	79.3	2.79E+06	1.97E+06
48	21	BASTROP	TX	97.3	30.1	2.31E+09	1.65E+09	71.5	1.38E+09	30.2	16.6	53.2	4.31E+06	7.79E+06
48	23	BAYLOR	TX	99.2	33.6	2.19E+09	1.68E+09	76.5	1.21E+09	8.2	2.8	89.0	1.44E+07	5.48E+06
48	25	BEE	TX	97.7	28.4	2.18E+09	1.87E+09	85.9	1.43E+09	13.0	17.7	69.4	1.82E+07	1.57E+06
48	27	BELL	TX	97.5	31.0	2.71E+09	1.95E+09	71.9	1.27E+09	30.5	8.5	61.1	3.61E+06	4.53E+06
48	29	BEXAR	TX	98.5	29.5	3.23E+09	1.97E+09	61.1	1.36E+09	22.8	13.2	64.0	8.15E+07	4.23E+06
48	31	BLANCO	TX	98.4	30.3	1.86E+09	1.44E+09	77.5	1.33E+09	9.4	12.7	77.9	1.78E+06	2.14E+06
48	33	BORDEN	TX	101.4	32.7	2.35E+09	2.30E+09	98.1	2.15E+09	1.4		98.6	3.21E+06	3.67E+06
48	35	BOSQUE	TX	97.6	31.9	2.56E+09	2.34E+09	91.2	2.00E+09	16.4	12.5	71.1	4.02E+06	9.82E+06
48	37	BOWIE	TX	94.4	33.5	2.31E+09	1.13E+09	48.9	8.44E+08	34.5	15.6	49.8	6.67E+06	4.22E+06
48	39	BRAZORIA	TX	95.5	29.2	3.49E+09	2.21E+09	59.8	1.55E+09	17.4	11.3	71.3	3.46E+08	3.67E+06
48	41	BRAZOS	TX	96.3	30.7	1.52E+09	1.06E+09	69.7	8.41E+08	24.4	13.8	61.8	3.00E+07	4.90E+06
48	43	BREWSTER	TX	103.3	29.8	1.61E+10	1.03E+10	63.9	1.02E+10			100.0	1.30E+06	2.08E+06
48	45	BRISCOE	TX	101.2	34.5	2.26E+09	1.67E+09	74.0	1.06E+09	4.9	0.5	94.6	1.91E+08	3.02E+06
48	47	BROOKS	TX	98.2	27.0	2.34E+09	2.21E+09	94.3	2.14E+09	4.0	2.2	93.8	8.15E+06	4.01E+05
48	49	BROWN	TX	99.0	31.8	2.43E+09	2.06E+09	84.8	1.71E+09	20.2	11.8	68.3	3.47E+07	8.83E+06
48	51	BURLESON	TX	96.6	30.5	1.74E+09	1.19E+09	68.5	8.93E+08	31.4	15.1	53.5	2.74E+07	4.33E+06
48	53	BURNET	TX	98.2	30.8	2.58E+09	2.07E+09	80.1	1.92E+09	12.5	8.1	79.4	1.44E+06	3.17E+06
48	55	CALDWELL	TX	97.6	29.8	1.41E+09	1.03E+09	73.3	7.89E+08	33.8	14.0	52.2	8.09E+05	4.47E+06
48	57	CALHOUN	TX	96.7	28.5	1.16E+09	8.53E+08	62.5	5.77E+08	12.1	0.9	86.9	3.77E+07	9.71E+04
48	59	CALLAHAN	TX	99.4	32.3	2.22E+09	2.03E+09	91.6	1.75E+09	11.8	7.9	80.3	3.57E+07	6.22E+06
48	61	CAMERON	TX	97.5	26.2	2.32E+09	1.66E+09	70.4	4.72E+08	21.1	1.6	77.3	7.06E+08	2.39E+06
48	63	CAMP	TX	95.0	33.0	4.98E+08	2.71E+08	54.4	2.23E+08	50.9	16.8	32.3		1.12E+06
48	65	CARSON	TX	101.4	35.4	2.33E+09	2.33E+09	100.0	1.46E+09	7.5		92.4	4.11E+08	4.76E+06
48	67	CASS	TX	94.3	33.1	2.44E+09	8.15E+08	33.4	6.19E+08	36.9	28.1	35.0	6.68E+05	2.59E+06
48	69	CASTRO	TX	102.3	34.5	2.28E+09	2.28E+09	100.0	5.94E+08	17.3	0.3	82.4	1.19E+09	1.86E+06
48	71	CHAMBERS	TX	94.6	29.8	1.60E+09	1.25E+09	78.4	8.59E+08	12.9	1.4	85.7	2.15E+08	4.29E+06
48	73	CHEROKEE	TX	95.2	31.9	2.72E+09	1.10E+09	40.3	8.62E+08	41.5	20.7	37.8	1.14E+07	3.16E+06
48	75	CHILDRESS	TX	100.2	34.5	1.81E+09	1.53E+09	84.4	9.82E+08	13.5	1.7	84.9	3.22E+07	2.23E+06
48	77	CLAY	TX	98.2	33.8	2.85E+09	2.56E+09	89.8	2.22E+09	11.2	1.9	86.9	2.89E+06	1.20E+07
48	79	COCHRAN	TX	102.8	33.6	2.03E+09	1.65E+09	81.6	6.04E+08	4.2		95.8	3.60E+08	2.14E+05
48	81	COKE	TX	100.5	31.9	2.36E+09	1.97E+09	83.6	1.84E+09	9.7	0.6	89.7	2.47E+06	2.67E+06
48	83	COLEMAN	TX	99.5	31.8	3.32E+09	3.02E+09	91.2	2.49E+09	14.2	5.4	80.4	1.54E+07	1.80E+07
48	85	COLLIN	TX	96.6	33.2	2.17E+09	1.48E+09	68.3	6.44E+08	42.9	2.7	54.4	5.02E+05	7.48E+06
48	87	COLLINGSWORT	TX	100.3	35.0	2.32E+09	2.16E+09	93.4	1.50E+09	11.8	0.1	88.1	2.79E+07	2.34E+06
48	89	COLORADO	TX	96.5	29.6	2.46E+09	2.25E+09	91.5	1.78E+09	24.3	17.4	58.3	2.11E+08	5.98E+06
48	91	COMAL	TX	98.3	29.8	1.47E+09	8.83E+08	60.2	8.04E+08	13.7	18.1	68.2	2.51E+06	9.15E+05
48	93	COMANCHE	TX	98.5	32.0	2.58E+09	2.08E+09	80.8	1.59E+09	21.4	12.2	66.8	1.24E+08	9.70E+06
48	95	CONCHO	TX	99.9	31.3	2.60E+09	2.37E+09	91.0	1.94E+09	4.2	1.5	94.3	7.11E+06	3.08E+06
48	97	COOKE	TX	97.2	33.6	2.34E+09	1.76E+09	74.9	1.31E+09	21.4	6.3	72.4	3.91E+06	7.62E+06
48	99	CORYELL	TX	97.8	31.4	2.70E+09	2.64E+09	97.8	2.24E+09	15.7	6.9	77.4	9.91E+06	4.04E+06
48	101	COTTLE	TX	100.3	34.1	2.33E+09	2.04E+09	87.6	1.54E+09	9.3	0.4	90.3	1.93E+07	1.99E+06
48	103	CRANE	TX	102.5	31.4	2.06E+09	1.20E+09	58.4	1.20E+09	0.2		99.8		4.45E+04
48	105	CROCKETT	TX	101.4	30.7	7.24E+09	7.24E+09	100.0	7.67E+09			100.0	2.43E+06	9.46E+05
48	107	CROSBY	TX	101.3	33.6	2.36E+09	2.12E+09	89.9	7.97E+08	8.5		91.5	6.20E+08	1.87E+06
48	109	CULBERSON	TX	104.5	31.4	9.97E+09	6.57E+09	65.9	6.48E+09	0.7		99.3	3.14E+07	1.11E+06
48	111	DALLAM	TX	102.6	36.3	3.87E+09	3.87E+09	100.0	2.55E+09	5.0		95.0	4.48E+08	5.58E+05
48	113	DALLAS	TX	96.8	32.8	2.22E+09	7.16E+08	32.2	4.05E+08	44.1	7.2	48.6	2.10E+06	1.98E+06
48	115	DAWSON	TX	102.0	32.7	2.34E+09	2.13E+09	91.1	4.08E+08	9.8		90.2	1.91E+08	3.60E+05
48	117	DEAF SMITH	TX	102.6	35.0	3.91E+09	3.46E+09	88.6	1.42E+09	8.8		91.2	9.62E+08	3.06E+06
48	119	DELTA	TX	95.7	33.4	7.15E+08	5.88E+08	82.3	3.66E+08	43.8	8.0	48.2	9.71E+04	2.14E+06
48	121	DENTON	TX	97.1	33.2	2.36E+09	1.77E+09	75.2	1.13E+09	26.4	4.0	69.6	9.09E+06	7.05E+06
48	123	DE WITT	TX	97.4	29.1	2.36E+09	2.07E+09	88.0	1.82E+09	22.4	12.5	65.1	4.75E+06	3.78E+06
48	125	DICKENS	TX	100.8	33.6	2.41E+09	2.26E+09	93.8	1.69E+09	7.4	1.0	91.6	4.94E+07	3.20E+06
48	127	DIMMIT	TX	99.8	28.4	3.48E+09	3.37E+09	96.8	3.29E+09	2.3	0.2	97.6	5.38E+07	5.06E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
48	129	BONLEY	TX	100.8	35.0	2.34E+09	2.24E+09	95.5	1.90E+09	3.4		96.6	4.63E+07	4.09E+04
48	131	DUVAL	TX	98.5	27.7	4.70E+09	3.93E+09	83.7	3.67E+09	9.0	3.4	87.6	2.79E+07	4.10E+06
48	133	EASTLAND	TX	98.8	32.3	2.46E+09	1.90E+09	77.1	1.53E+09	19.8	12.3	67.9	5.07E+07	1.02E+07
48	135	ECTOR	TX	102.5	31.9	2.35E+09	1.92E+09	81.6	1.91E+09	0.8		99.2	4.81E+06	2.93E+05
48	137	EDWARDS	TX	100.3	30.0	5.38E+09	4.59E+09	85.4	4.57E+09	0.2	0.5	99.3	1.63E+06	5.10E+05
48	139	ELLIS	TX	96.8	32.4	2.43E+09	2.01E+09	82.8	1.02E+09	33.3	3.2	63.5	6.88E+05	8.04E+06
48	141	EL PASO	TX	106.2	31.8	2.74E+09	1.80E+09	65.9	1.60E+09	0.6		99.4	1.82E+08	4.78E+05
48	143	ERATH	TX	98.2	32.2	2.81E+09	2.31E+09	82.1	1.91E+09	24.9	5.6	69.4	3.23E+07	1.24E+07
48	145	FALLS	TX	96.9	31.3	1.98E+09	1.61E+09	81.1	1.02E+09	42.7	7.8	49.5	2.17E+07	5.60E+06
48	147	FANNIN	TX	96.1	33.6	2.34E+09	1.83E+09	78.0	1.21E+09	39.4	7.7	52.9	6.37E+06	7.45E+06
48	149	FAYETTE	TX	96.9	29.9	2.42E+09	1.91E+09	79.0	1.51E+09	31.5	17.3	51.2	4.38E+06	7.47E+06
48	151	FISHER	TX	100.4	32.7	2.34E+09	2.14E+09	91.2	1.36E+09	18.8	6.0	75.3	1.16E+07	5.35E+06
48	153	FLOYD	TX	101.3	34.1	2.57E+09	2.50E+09	97.1	7.31E+08	14.8	0.2	85.0	9.34E+08	1.35E+06
48	155	FOARD	TX	99.8	34.0	1.75E+09	1.27E+09	72.7	8.11E+08	9.1	1.4	89.5	3.45E+06	3.27E+06
48	157	FORT BEND	TX	95.8	29.5	3.25E+09	1.78E+09	79.2	1.20E+09	21.2	12.1	66.7	1.07E+08	1.63E+06
48	159	FRANKLIN	TX	95.2	33.2	7.58E+08	5.16E+08	68.1	4.37E+08	36.4	11.4	52.2	1.72E+06	3.17E+06
48	161	FREESTONE	TX	96.2	31.7	2.24E+09	1.54E+09	68.6	1.35E+09	27.9	16.5	55.6	5.42E+05	4.86E+06
48	163	FRIO	TX	99.1	28.9	2.89E+09	2.41E+09	83.4	1.88E+09	12.3	2.0	85.8	2.12E+08	3.11E+06
48	165	GAINES	TX	102.6	32.7	3.86E+09	2.92E+09	75.6	7.64E+08	13.2	0.9	86.9	9.30E+08	2.14E+05
48	167	GALVESTON	TX	94.9	29.4	1.03E+09	4.19E+08	40.6	3.28E+08	22.1	2.0	75.8	2.[illegible]E+07	2.31E+05
48	169	GARZA	TX	101.3	33.2	2.37E+09	2.22E+09	94.0	1.81E+09	4.3	0.3	95.7	3.84E+07	3.25E+06
48	171	GILLESPIE	TX	98.9	30.3	2.73E+09	2.53E+09	92.6	2.24E+09	8.1	18.8	73.1	6.88E+06	3.44E+06
48	173	GLASSCOCK	TX	101.5	31.9	2.24E+09	2.00E+09	89.5	1.75E+09	2.7	0.7	96.7	7.56E+07	4.53E+05
48	175	GOLIAD	TX	97.4	28.7	2.24E+09	1.57E+09	69.6	1.38E+09	13.6	7.2	79.1	5.36E+06	2.35E+06
48	177	GONZALES	TX	97.5	29.5	2.74E+09	2.74E+09	100.0	2.52E+09	18.5	14.6	66.9	1.51E+07	6.81E+06
48	179	GRAY	TX	100.8	35.4	2.42E+09	2.26E+09	93.3	1.54E+09	6.6		93.4	9.89E+07	2.77E+06
48	181	GRAYSON	TX	96.7	33.6	2.43E+09	1.75E+09	71.7	1.19E+09	36.9	5.3	57.9	1.18E+07	8.47E+06
48	183	GREGG	TX	94.8	32.5	7.29E+08	3.43E+08	47.0	3.01E+08	31.3	25.1	43.6	1.09E+06	9.43E+05
48	185	GRIMES	TX	96.0	30.5	2.07E+09	1.37E+09	66.2	1.20E+09	28.5	11.9	59.6	3.57E+06	6.45E+06
48	187	GUADALUPE	TX	98.0	29.6	1.85E+09	1.47E+09	79.3	9.44E+08	37.4	14.5	48.0	1.43E+07	6.28E+06
48	189	HALE	TX	101.8	34.1	2.54E+09	2.54E+09	100.0	4.69E+08	29.0	0.3	70.8	1.62E+09	1.22E+06
48	191	HALL	TX	100.7	34.5	2.29E+09	2.29E+09	100.0	1.69E+09	8.8	0.2	91.0	5.71E+07	2.43E+06
48	193	HAMILTON	TX	98.1	31.7	2.19E+09	1.81E+09	82.8	1.49E+09	22.7	5.4	71.8	1.43E+07	4.61E+06
48	195	HANSFORD	TX	101.3	36.3	2.35E+09	2.35E+09	100.0	1.35E+09	5.9		94.1	7.35E+08	2.16E+06
48	197	HARDEMAN	TX	99.7	34.3	1.78E+09	1.51E+09	85.0	7.61E+08	16.7	0.4	82.9	2.10E+07	2.12E+06
48	199	HARDIN	TX	94.4	30.3	2.32E+09	5.23E+08	22.5	4.11E+08	6.8	41.8	31.4	5.15E+06	8.13E+05
48	201	HARRIS	TX	95.4	29.9	4.46E+09	1.96E+09	43.8	1.50E+09	21.9	11.2	67.0	1.52E+08	5.09E+06
48	203	HARRISON	TX	94.4	32.6	2.32E+09	8.98E+08	38.8	7.15E+08	35.0	26.1	38.9	2.29E+06	4.13E+06
48	205	HARTLEY	TX	102.6	35.8	3.85E+09	3.69E+09	95.9	2.82E+09	1.7	0.1	98.2	3.39E+08	6.11E+05
48	207	HASKELL	TX	99.7	33.2	2.27E+09	1.96E+09	86.1	7.52E+08	20.2	5.5	74.3	6.80E+07	3.62E+06
48	209	HAYS	TX	98.0	30.1	1.68E+09	1.19E+09	70.4	1.06E+09	13.5	5.3	81.2	3.01E+06	3.42E+06
48	211	HEMPHILL	TX	100.3	35.8	2.34E+09	2.32E+09	99.1	2.03E+09	4.4		95.6	1.52E+07	5.80E+06
48	213	HENDERSON	TX	95.9	32.2	2.44E+09	1.36E+09	55.8	1.15E+09	29.8	16.1	54.1	1.49E+06	6.60E+06
48	215	HIDALGO	TX	98.2	26.4	4.00E+09	3.43E+09	85.9	1.53E+09	9.7	5.5	84.8	1.13E+09	5.79E+05
48	217	HILL	TX	97.1	32.0	2.62E+09	1.82E+09	69.5	8.89E+08	36.5	4.7	58.7	1.29E+07	7.39E+06
48	219	HOCKLEY	TX	102.3	33.6	2.35E+09	2.04E+09	86.8	3.84E+08	13.8		86.2	4.52E+08	3.76E+05
48	221	HOOD	TX	97.8	32.4	1.10E+09	8.94E+08	81.1	7.74E+08	23.4	4.9	72.7	1.15E+07	3.63E+06
48	223	HOPKINS	TX	95.6	33.2	2.05E+09	1.48E+09	71.9	1.20E+09	40.7	8.0	51.3	1.23E+06	8.12E+06
48	225	HOUSTON	TX	95.4	31.3	3.20E+09	1.83E+09	57.0	1.42E+09	31.3	23.2	45.5	6.16E+06	6.39E+06
48	227	HOWARD	TX	101.4	32.3	2.36E+09	1.84E+09	77.8	1.23E+09	6.6	0.7	92.7	7.23E+06	1.06E+06
48	229	HUDSPETH	TX	105.4	31.4	1.18E+10	8.77E+09	74.4	8.53E+09	0.3		99.7	1.63E+08	1.17E+06
48	231	HUNT	TX	96.1	33.1	2.14E+09	1.50E+09	70.3	9.91E+08	51.4	6.5	42.0	9.51E+05	5.59E+06
48	233	HUTCHINSON	TX	101.4	35.8	2.27E+09	2.10E+09	92.6	1.68E+09	1.4		98.6	2.02E+08	2.05E+06
48	235	IRION	TX	101.0	31.3	2.78E+09	2.78E+09	100.0	3.06E+09	0.4		99.6	3.04E+06	3.28E+05
48	237	JACK	TX	98.2	33.2	2.45E+09	1.96E+09	80.2	1.85E+09	9.7	10.5	79.8	3.20E+05	8.08E+06
48	239	JACKSON	TX	96.6	28.9	2.20E+09	1.96E+09	88.8	1.30E+09	19.5	9.1	71.4	1.78E+08	1.14E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
48	241	JASPER	TX	94.0	30.8	2.35E+09	5.26E+08	22.4	4.22E+08	21.7	49.4	28.9	1.62E+04	6.56E+05
48	243	JEFF DAVIS	TX	104.1	30.7	5.85E+09	5.85E+09	100.0	5.98E+09	0.1		99.9	2.98E+06	3.34E+06
48	245	JEFFERSON	TX	94.2	29.9	2.46E+09	1.31E+09	53.2	7.83E+08	18.0	5.8	76.1	3.33E+08	9.71E+05
48	247	JIM HOGG	TX	98.7	27.1	2.96E+09	2.96E+09	100.0	3.31E+09	2.2		97.8	2.06E+06	4.49E+05
48	249	JIM WELLS	TX	98.1	27.7	2.19E+09	2.06E+09	94.1	1.54E+09	16.4	7.5	76.0	1.94E+07	1.46E+06
48	251	JOHNSON	TX	97.4	32.4	1.92E+09	1.27E+09	66.4	8.14E+08	31.4	4.2	64.4	3.34E+06	5.53E+05
48	253	JONES	TX	99.9	32.7	2.48E+09	2.01E+09	81.0	9.21E+08	27.8	7.0	65.2	2.50E+07	4.06E+06
48	255	KARNES	TX	97.9	28.9	1.96E+09	1.64E+09	83.3	1.20E+09	29.2	8.9	61.9	4.39E+06	5.63E+06
48	257	KAUFMAN	TX	96.3	32.6	2.11E+09	1.70E+09	80.7	1.26E+09	29.9	4.9	65.2		1.22E+07
48	259	KENDALL	TX	98.7	29.9	1.74E+09	1.40E+09	80.9	1.32E+09	8.9	22.6	68.5	2.44E+06	1.50E+06
48	261	KENEDY	TX	97.7	26.9	3.61E+09	2.21E+09	61.1	2.04E+09	0.2		99.8		2.02E+06
48	263	KENT	TX	100.8	33.2	2.28E+09	1.62E+09	71.2	1.42E+09	4.2	1.1	94.7	1.28E+07	1.29E+06
48	265	KERR	TX	99.4	30.0	2.85E+09	2.62E+09	91.9	2.44E+09	2.4	7.5	90.1	3.05E+06	1.16E+06
48	267	KIMBLE	TX	99.7	30.5	3.30E+09	2.68E+09	81.2	2.64E+09	2.9	1.5	95.6	9.87E+06	7.08E+05
48	269	KING	TX	100.2	33.6	2.44E+09	2.16E+09	88.3	2.05E+09	2.9	0.1	97.1	1.52E+06	1.09E+06
48	271	KINNEY	TX	100.4	29.3	3.61E+09	2.89E+09	80.1	2.77E+09	0.6		99.4	1.62E+14	7.69E+05
48	273	KLEBERG	TX	97.8	27.4	2.20E+09	2.20E+09	100.0	3.52E+09	1.1	0.4	98.5	3.45E+06	5.02E+05
48	275	KNOX	TX	99.7	33.6	2.20E+09	1.90E+09	86.0	1.14E+09	10.3	2.3	87.4	8.61E+07	3.37E+06
48	277	LAMAR	TX	95.6	33.7	2.32E+09	1.60E+09	68.9	1.06E+09	36.3	7.0	56.7	2.08E+06	7.93E+06
48	279	LAMB	TX	102.3	34.1	2.65E+09	2.59E+09	97.8	6.63E+08	11.0	0.3	88.6	1.12E+09	4.49E+05
48	281	LAMPASAS	TX	98.2	31.2	1.88E+09	1.77E+09	94.0	1.60E+09	10.3	5.6	84.1	4.17E+06	3.69E+06
48	283	LA SALLE	TX	99.1	28.3	3.89E+09	3.56E+09	91.5	3.35E+09	3.6	3.2	93.3	2.68E+07	5.91E+06
48	285	LAVACA	TX	96.9	29.4	2.53E+09	1.93E+09	76.5	1.59E+09	27.8	13.4	58.8	3.60E+07	4.69E+06
48	287	LEE	TX	97.0	30.3	1.65E+09	1.20E+09	72.7	1.01E+09	25.3	21.3	53.5	5.31E+06	7.29E+06
48	289	LEON	TX	96.0	31.3	2.85E+09	1.66E+09	58.1	1.46E+09	28.0	25.9	46.1	1.66E+06	7.82E+06
48	291	LIBERTY	TX	94.8	30.2	3.06E+09	1.42E+09	46.6	9.72E+08	20.9	23.5	55.7	2.00E+08	1.57E+06
48	293	LIMESTONE	TX	96.6	31.6	2.41E+09	1.75E+09	72.5	1.44E+09	38.5	9.6	51.9	4.73E+05	8.79E+06
48	295	LIPSCOMB	TX	100.3	36.3	2.42E+09	2.34E+09	96.8	1.67E+09	6.2	0.1	93.7	6.45E+07	2.43E+06
48	297	LIVE OAK	TX	98.1	28.4	2.73E+09	2.22E+09	81.1	1.79E+09	14.4	11.4	74.2	9.30E+06	4.47E+06
48	299	LLANO	TX	98.7	30.7	2.44E+09	2.18E+09	89.4	2.14E+09	4.1	3.7	92.2	3.44E+06	5.31E+06
48	301	LOVING	TX	103.6	31.8	1.68E+09	1.28E+09	76.2	1.26E+09			100.0	1.62E+14	5.26E+04
48	303	LUBBOCK	TX	101.8	33.6	2.31E+09	2.31E+09	100.0	4.98E+08	18.1	0.2	81.7	1.01E+09	1.96E+06
48	305	LYNN	TX	101.8	33.2	2.32E+09	1.94E+09	81.9	4.07E+08	9.1		90.9	2.95E+08	4.90E+05
48	307	MC CULLOCH	TX	99.4	31.2	2.76E+09	2.61E+09	94.5	2.15E+09	8.9	5.5	85.6	1.19E+07	7.56E+06
48	309	MC LENNAN	TX	97.2	31.6	2.59E+09	2.11E+09	81.4	1.27E+09	40.7	6.5	52.8	1.33E+07	7.54E+06
48	311	MC MULLEN	TX	98.6	28.4	3.00E+09	2.34E+09	78.1	2.23E+09	4.4	5.1	90.5	6.84E+05	6.86E+06
48	313	MADISON	TX	95.9	31.0	1.24E+09	9.55E+08	76.8	8.56E+08	29.6	10.3	60.1	3.83E+05	3.70E+06
48	315	MARION	TX	94.4	32.8	9.83E+08	2.16E+08	22.0	1.76E+08	25.6	42.8	31.6	7.28E+05	7.24E+05
48	317	MARTIN	TX	102.0	32.3	2.36E+09	1.93E+09	82.0	1.05E+09	5.0	0.2	94.9	7.12E+07	3.12E+05
48	319	MASON	TX	99.2	30.7	2.42E+09	2.42E+09	100.0	2.46E+09	5.4	3.8	90.8	3.42E+07	3.71E+06
48	321	MATAGORDA	TX	96.0	28.9	3.00E+09	2.44E+09	81.3	1.78E+09	22.4	7.4	70.2	2.49E+08	7.77E+05
48	323	MAVERICK	TX	100.3	28.7	3.34E+09	3.34E+09	100.0	3.52E+09	1.3		98.7	8.92E+07	1.44E+06
48	325	MEDINA	TX	99.1	29.4	3.50E+09	3.06E+09	87.3	2.44E+09	13.2	13.4	73.4	1.02E+08	7.11E+06
48	327	MENARD	TX	99.8	30.9	2.37E+09	1.97E+09	83.1	1.91E+09	3.6	4.0	93.4	6.43E+06	9.83E+05
48	329	MIDLAND	TX	102.0	31.9	2.43E+09	2.43E+09	100.0	2.97E+09	1.4		98.6	4.91E+07	4.73E+05
48	331	MILAM	TX	97.0	30.8	2.66E+09	1.83E+09	68.7	1.23E+09	31.5	15.4	53.1	2.32E+04	8.49E+06
48	333	MILLS	TX	98.6	31.5	1.90E+09	1.72E+09	90.4	1.53E+09	11.4	14.1	74.5	2.01E+07	6.82E+06
48	335	MITCHELL	TX	100.9	32.3	2.38E+09	2.38E+09	100.0	1.92E+09	8.6	2.4	89.0	1.25E+07	4.88E+06
48	337	MONTAGUE	TX	97.7	33.7	2.41E+09	1.91E+09	79.0	1.72E+09	19.6	5.9	74.6	3.05E+06	8.94E+06
48	339	MONTGOMERY	TX	95.5	30.3	2.82E+09	6.96E+08	24.7	6.07E+08	23.3	30.9	45.8	2.71E+05	2.32E+06
48	341	MOORE	TX	101.9	35.8	2.35E+09	2.08E+09	88.5	1.16E+09	3.8		96.2	4.91E+08	2.10E+06
48	343	MORRIS	TX	94.7	33.1	6.73E+08	4.65E+08	69.1	4.09E+08	33.5	30.6	46.9	5.10E+05	1.10E+06
48	345	MOTLEY	TX	100.8	34.1	2.54E+09	2.18E+09	85.8	1.86E+09	6.2	0.2	93.5	1.34E+07	2.30E+06
48	347	NACOGDOCHES	TX	94.6	31.6	2.34E+09	1.04E+09	44.4	7.86E+08	39.7	19.2	41.1	6.47E+04	3.57E+06
48	349	NAVARRO	TX	96.5	32.1	2.77E+09	2.31E+09	83.4	1.68E+09	36.5	6.4	57.1	4.53E+05	1.35E+07
48	351	NEWTON	TX	93.8	30.8	2.46E+09	4.60E+08	18.7	3.03E+08	9.3	54.8	35.9	2.68E+06	4.98E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M882	FARM LAND M882	FARM LAND % OF TOTAL	TOT. PASTURE M882	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M882	AGRICULTURAL POND AREA(M882)
48	353	MOLAN	TX	100.4	32.3	2.39E+09	2.00E+09	84.0	1.47E+09	9.0		91.0	1.07E+07	2.51E+06
48	355	NUECES	TX	97.7	27.7	2.18E+09	2.03E+09	93.3	6.10E+08	10.0	5.4	84.5	2.30E+07	6.92E+05
48	357	OCHILTREE	TX	100.8	36.3	2.35E+09	2.33E+09	99.3	1.03E+09	7.0		93.0	3.88E+08	2.19E+06
48	359	OLDHAM	TX	102.6	35.4	3.83E+09	3.30E+09	86.3	2.95E+09	2.3		97.7	6.03E+07	3.67E+06
48	361	ORANGE	TX	93.9	30.1	9.29E+08	3.51E+08	37.8	1.94E+08	36.7	19.9	43.4	1.14E+07	2.35E+05
48	363	PALO PINTO	TX	98.3	32.8	2.46E+09	1.98E+09	80.8	1.81E+09	8.6	12.8	78.6	5.05E+06	7.65E+06
48	365	PANOLA	TX	94.3	32.2	2.25E+09	9.24E+08	41.0	7.42E+08	36.6	25.3	38.1	6.07E+06	3.01E+06
48	367	PARKER	TX	97.8	32.8	2.34E+09	1.74E+09	74.3	1.50E+09	27.4	8.4	64.2	7.43E+06	8.52E+06
48	369	PARMER	TX	102.8	34.5	2.32E+09	2.32E+09	100.0	5.44E+08	16.3		83.7	1.37E+09	2.33E+06
48	371	PECOS	TX	102.7	30.8	1.23E+10	1.18E+10	96.3	1.14E+10	0.3		99.7	1.51E+08	1.93E+06
48	373	POLK	TX	94.8	30.8	2.85E+09	6.63E+08	23.3	5.61E+08	15.8	53.8	30.5	1.46E+05	1.17E+06
48	375	POTTER	TX	101.9	35.4	2.33E+09	1.94E+09	83.6	1.76E+09	1.9		98.1	2.15E+07	1.94E+05
48	377	PRESIDIO	TX	104.2	30.0	1.01E+10	7.81E+09	77.5	7.73E+09	0.1		99.9	3.17E+07	1.12E+06
48	379	RAINS	TX	95.8	32.9	5.44E+08	4.02E+08	73.8	3.31E+08	40.8	10.4	48.8	5.67E+04	2.16E+06
48	381	RANDALL	TX	101.9	35.0	2.37E+09	2.14E+09	90.5	1.07E+09	14.0	0.5	85.5	3.13E+08	1.25E+06
48	383	REAGAN	TX	101.5	31.4	2.93E+09	2.37E+09	80.8	2.27E+09	0.7		99.3	2.87E+07	2.06E+05
48	385	REAL	TX	99.8	29.8	1.61E+09	1.23E+09	76.1	1.15E+09	5.0	9.7	85.2	1.09E+06	4.01E+05
48	387	RED RIVER	TX	95.1	33.6	2.68E+09	1.79E+09	67.0	1.35E+09	28.6	14.8	56.6	1.97E+06	8.62E+06
48	389	REEVES	TX	103.7	31.3	6.75E+09	6.19E+09	91.6	5.62E+09	0.9		99.1	2.53E+08	8.01E+05
48	391	REFUGIO	TX	97.2	28.3	2.01E+09	1.95E+09	97.2	1.59E+09	3.7	1.5	94.8	8.09E+05	1.06E+06
48	393	ROBERTS	TX	100.8	35.8	2.33E+09	2.15E+09	92.4	1.97E+09	1.5		98.5	3.34E+07	3.07E+06
48	395	ROBERTSON	TX	96.5	31.0	2.27E+09	1.54E+09	67.8	1.23E+09	29.5	16.9	53.6	6.94E+07	5.74E+06
48	397	ROCKWALL	TX	96.4	32.9	3.81E+08	2.07E+08	54.5	1.22E+08	37.2	0.8	62.0	8.09E+03	1.25E+06
48	399	RUNNELS	TX	100.0	31.8	2.74E+09	2.44E+09	89.2	1.39E+09	21.3	2.5	76.3	1.68E+07	6.60E+06
48	401	RUSK	TX	94.8	32.1	2.43E+09	1.11E+09	45.5	8.76E+08	44.3	20.2	35.5	2.48E+06	3.69E+06
48	403	SABINE	TX	93.9	31.4	1.18E+09	1.48E+08	12.5	1.13E+08	38.4	33.4	28.1	1.62E+05	6.11E+05
48	405	SAN AUGUSTIN	TX	94.2	31.4	1.23E+09	2.94E+08	24.0	2.43E+08	34.7	24.0	41.3	2.43E+04	6.39E+05
48	407	SAN JACINTO	TX	95.2	30.6	1.62E+09	3.21E+08	19.8	2.94E+08	16.3	47.9	35.8	4.05E+03	6.47E+05
48	409	SAN PATRICIO	TX	97.5	28.0	1.77E+09	1.60E+09	90.2	6.03E+08	12.4	3.9	83.7	2.04E+07	7.73E+05
48	411	SAN SABA	TX	98.8	31.2	2.90E+09	2.90E+09	100.0	2.82E+09	7.3	2.4	90.3	1.68E+07	4.05E+06
48	413	SCHLEICHER	TX	100.5	30.9	3.45E+09	3.06E+09	88.9	2.95E+09	2.0	2.3	95.7	7.92E+06	3.44E+05
48	415	SCURRY	TX	100.9	32.7	2.34E+09	2.21E+09	94.6	1.59E+09	12.0	2.0	86.0	1.16E+07	2.81E+06
48	417	SHACKELFORD	TX	99.4	32.7	2.30E+09	1.98E+09	86.1	1.66E+09	3.8	3.7	92.5	2.04E+06	8.21E+06
48	419	SHELBY	TX	94.2	31.8	2.02E+09	8.59E+08	42.6	6.40E+08	44.1	27.5	28.4	2.02E+04	3.73E+06
48	421	SHERMAN	TX	101.9	36.3	2.37E+09	2.26E+09	95.4	9.27E+08	9.0		91.0	6.53E+08	1.20E+06
48	423	SMITH	TX	95.3	32.4	2.42E+09	1.14E+09	47.1	8.96E+08	35.2	15.5	49.2	5.01E+06	5.01E+04
48	425	SOMERVELL	TX	97.8	32.2	5.10E+08	3.14E+08	61.5	2.62E+08	25.1	10.6	64.4	2.58E+06	1.41E+06
48	427	STARR	TX	98.7	26.6	3.14E+09	1.97E+09	62.8	1.70E+09	15.5	3.6	80.9	5.82E+07	1.19E+06
48	429	STEPHENS	TX	98.8	32.7	2.33E+09	2.02E+09	86.7	1.86E+09	6.3	10.7	83.0	5.26E+06	8.00E+04
48	431	STERLING	TX	101.1	31.8	2.37E+09	2.37E+09	100.0	2.94E+09	0.5		99.5	3.16E+06	7.61E+05
48	433	STONEWALL	TX	100.2	33.2	2.40E+09	1.87E+09	78.0	1.59E+09	9.8	3.4	86.8	4.45E+05	4.21E+06
48	435	SUTTON	TX	100.5	30.5	3.87E+09	3.77E+09	97.5	3.79E+09	0.5		99.5	3.68E+06	3.28E+05
48	437	SWISHER	TX	101.8	34.5	2.32E+09	2.26E+09	97.5	7.38E+08	21.7	0.1	78.2	1.02E+09	1.87E+06
48	439	TARRANT	TX	97.3	32.8	2.23E+09	9.87E+08	44.3	6.98E+08	28.5	3.2	68.3	2.14E+06	2.99E+06
48	441	TAYLOR	TX	99.9	32.3	2.36E+09	2.04E+09	86.5	1.41E+09	24.9	5.1	70.0	1.44E+07	8.00E+06
48	443	TERRELL	TX	102.1	30.2	6.19E+09	5.17E+09	83.5	5.04E+09	0.2		99.8	2.03E+06	7.20E+05
48	445	TERRY	TX	102.3	33.2	2.33E+09	2.07E+09	89.1	2.95E+08	16.9	0.4	82.8	5.68E+08	3.64E+05
48	447	THROCKMORTON	TX	99.2	33.2	2.38E+09	2.38E+09	100.0	2.03E+09	3.7	1.0	95.3	6.56E+05	5.74E+06
48	449	TITUS	TX	95.0	33.2	1.08E+09	6.08E+08	56.2	5.08E+08	44.6	14.0	41.4	2.31E+06	3.49E+06
48	451	TOM GREEN	TX	100.5	31.4	3.88E+09	3.88E+09	100.0	3.44E+09	3.6	2.1	94.3	8.36E+07	1.42E+06
48	453	TRAVIS	TX	97.8	30.3	2.62E+09	1.58E+09	60.3	1.19E+09	17.6	14.2	68.2	5.38E+06	3.07E+06
48	455	TRINITY	TX	95.1	31.1	1.83E+09	5.72E+08	31.2	4.76E+08	31.3	36.1	32.6	6.07E+04	1.50E+06
48	457	TYLER	TX	94.4	30.8	2.38E+09	3.63E+08	15.3	2.98E+08	17.1	56.5	26.3	6.88E+04	4.90E+05
48	459	UPSHUR	TX	94.9	32.8	1.51E+09	6.63E+08	44.0	4.63E+08	42.4	21.5	36.1	8.09E+04	2.28E+06
48	461	UPTON	TX	102.0	31.4	3.40E+09	3.10E+09	91.3	3.06E+09			100.0	1.26E+07	2.14E+05
48	463	UVALDE	TX	99.8	29.3	4.11E+09	3.27E+09	79.5	2.83E+09	5.4	9.6	85.0	1.29E+08	2.72E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
48	465	VAL VERDE	TX	101.1	29.9	8.39E+09	8.09E+09	96.4	8.07E+09	0.1		99.9	2.58E+06	2.71E+05
48	467	VAN ZANDT	TX	95.8	32.6	2.19E+09	1.43E+09	65.5	1.14E+09	44.9	8.6	46.5	3.16E+06	1.06E+07
48	469	VICTORIA	TX	97.0	28.8	2.31E+09	2.17E+09	93.8	1.82E+09	9.3	2.8	87.9	2.41E+07	1.33E+06
48	471	WALKER	TX	95.6	30.8	2.05E+09	1.11E+09	54.4	8.93E+08	24.0	21.0	53.0	1.43E+06	3.18E+06
48	473	WALLER	TX	96.0	30.0	1.32E+09	9.65E+08	73.2	6.98E+08	26.2	7.1	66.7	6.41E+07	3.43E+06
48	475	WARD	TX	103.1	31.5	2.14E+09	1.99E+09	92.7	1.98E+09	0.3		99.7	5.81E+06	8.50E+04
48	477	WASHINGTON	TX	96.4	30.2	1.54E+09	1.14E+09	74.0	9.23E+08	39.1	9.2	51.6	2.46E+06	5.72E+06
48	479	WEBB	TX	99.3	27.8	8.56E+09	7.86E+09	91.9	7.65E+09	2.2		97.8	3.78E+07	1.34E+07
48	481	WHARTON	TX	96.2	29.3	2.79E+09	2.72E+09	97.7	1.48E+09	26.0	11.2	62.8	3.87E+08	1.44E+06
48	483	WHEELER	TX	100.3	35.4	2.37E+09	2.08E+09	87.7	1.59E+09	10.9	0.2	88.9	1.98E+07	2.17E+04
48	485	WICHITA	TX	98.7	34.0	1.58E+09	1.24E+09	78.2	7.79E+08	10.8	0.4	88.8	3.38E+07	5.12E+06
48	487	WILBARGER	TX	99.2	34.1	2.46E+09	2.46E+09	100.0	2.69E+09	6.9	0.7	92.4	3.60E+07	4.03E+06
48	489	WILLACY	TX	97.7	26.5	1.53E+09	1.25E+09	81.8	5.23E+08	5.9	0.9	93.2	9.80E+07	4.90E+05
48	491	WILLIAMSON	TX	97.6	30.6	2.86E+09	2.45E+09	85.8	1.39E+09	30.9	13.9	55.2	4.43E+06	5.81E+06
48	493	WILSON	TX	98.1	29.2	2.08E+09	1.62E+09	78.2	1.17E+09	34.5	15.7	49.8	8.28E+07	5.26E+06
48	495	WINKLER	TX	103.1	31.8	2.30E+09	2.05E+09	89.1	1.99E+09	0.3		99.7	3.24E+06	6.88E+04
48	497	WISE	TX	97.7	33.2	2.39E+09	1.53E+09	64.2	1.20E+09	28.4	[illegible]	62.3	6.15E+06	7.79E+06
48	499	WOOD	TX	95.4	32.8	1.87E+09	8.73E+08	46.8	7.07E+08	40.4	18.1	41.4	5.87E+05	4.64E+06
48	501	YOAKUM	TX	102.8	33.2	2.15E+09	1.48E+09	69.0	4.34E+08	9.6		90.4	2.77E+08	8.50E+04
48	503	YOUNG	TX	98.7	33.2	2.30E+09	2.15E+09	93.3	1.76E+09	10.3	5.9	83.8	1.50E+06	9.47E+06
48	505	ZAPATA	TX	99.2	27.0	2.48E+09	2.10E+09	84.8	1.43E+08	100.0			1.56E+07	5.07E+06
48	507	ZAVALA	TX	99.8	28.9	3.34E+09	3.21E+09	96.1	2.94E+09	4.4	3.1	92.5	1.70E+08	9.90E+06
49	0		UT			2.13E+11	4.29E+10	20.2	3.52E+10	5.0	5.7	89.2	3.92E+09	2.64E+07
49	1	BEAVER	UT	113.2	38.4	6.69E+09	6.09E+08	9.1	4.92E+08	3.3		96.7	9.12E+07	2.75E+05
49	3	BOX ELDER	UT	113.1	41.5	1.45E+10	6.79E+09	46.8	5.54E+09	2.4	1.3	96.4	3.84E+08	2.89E+06
49	5	CACHE	UT	111.8	41.7	3.04E+09	1.16E+09	38.1	5.43E+08	16.3	0.5	83.2	3.06E+08	2.51E+06
49	7	CARBON	UT	110.6	39.7	3.82E+09	1.47E+09	38.4	1.33E+09	1.2	4.0	94.7	4.34E+07	2.27E+05
49	9	DAGGETT	UT	109.5	40.9	1.77E+09	1.48E+08	8.4	1.19E+08	6.6	2.4	90.9	3.06E+07	2.83E+04
49	11	DAVIS	UT	112.1	41.0	7.69E+08	4.87E+08	63.4	3.77E+08	9.2		90.8	1.01E+08	2.83E+05
49	13	DUCHESNE	UT	110.4	40.3	8.43E+09	1.60E+09	19.0	1.23E+09	17.0	8.0	75.0	3.45E+08	2.61E+06
49	15	EMERY	UT	110.7	39.0	1.15E+10	8.86E+08	7.7	7.38E+08	12.7	2.4	84.9	1.44E+08	8.86E+05
49	17	GARFIELD	UT	111.4	37.9	1.34E+10	4.87E+08	3.6	4.09E+08	13.3	3.7	83.9	6.64E+07	7.57E+05
49	19	GRAND	UT	109.6	39.0	9.54E+09	6.46E+08	6.8	6.14E+08	1.1	0.3	98.6	1.25E+07	5.83E+05
49	21	IRON	UT	113.3	37.9	8.35E+09	1.86E+09	21.8	1.60E+09	4.0	2.7	93.3	1.88E+08	1.09E+06
49	23	JUAB	UT	112.8	39.7	8.84E+09	6.34E+08	7.2	4.28E+08	15.4		84.6	5.72E+07	2.99E+05
49	25	KANE	UT	111.9	37.3	1.01E+10	8.30E+08	8.2	8.17E+08	4.6	4.5	90.9	1.68E+07	7.57E+05
49	27	MILLARD	UT	113.1	39.1	1.76E+10	2.17E+09	12.3	1.53E+09	6.6	3.7	89.7	3.77E+08	1.02E+06
49	29	MORGAN	UT	111.6	41.1	1.56E+09	1.11E+09	71.1	1.00E+09	2.8	0.5	96.7	3.44E+07	3.04E+05
49	31	PIUTE	UT	112.1	38.3	1.95E+09	3.60E+08	18.3	2.10E+08	14.0	0.4	85.6	4.52E+07	7.28E+04
49	33	RICH	UT	111.3	41.6	2.65E+09	2.21E+09	83.2	1.97E+09	1.7	0.2	98.1	1.93E+08	7.08E+05
49	35	SALT LAKE	UT	111.9	40.7	1.98E+09	9.06E+08	45.8	6.88E+08	4.4		95.6	1.12E+08	8.22E+05
49	37	SAN JUAN	UT	109.8	37.6	2.00E+10	2.05E+09	10.3	1.51E+09	4.1	2.3	93.6	2.03E+07	3.71E+06
49	39	SANPETE	UT	111.6	39.4	4.14E+09	1.82E+09	44.0	1.51E+09	9.1	2.9	88.0	2.28E+08	1.93E+06
49	41	SEVIER	UT	111.8	38.7	5.00E+09	8.07E+08	16.2	6.38E+08	6.6		93.4	1.43E+08	3.28E+05
49	43	SUMMIT	UT	111.0	40.9	4.79E+09	1.38E+09	28.9	1.28E+09	3.5	7.1	89.4	8.22E+07	7.00E+05
49	45	TOOELE	UT	113.1	40.5	1.79E+10	1.74E+09	9.7	1.58E+09	3.6		96.4	6.07E+07	8.50E+04
49	47	UINTAH	UT	109.5	40.1	1.16E+10	5.70E+09	49.0	4.87E+09	2.2	28.2	69.6	2.12E+08	1.17E+06
49	49	UTAH	UT	111.7	40.1	5.22E+09	1.95E+09	37.5	1.42E+09	9.0	0.8	90.3	3.74E+08	6.72E+05
49	51	WASATCH	UT	111.2	40.3	3.09E+09	9.61E+08	31.1	8.82E+08	3.4	1.2	95.3	6.44E+07	6.23E+05
49	53	WASHINGTON	UT	113.5	37.3	6.29E+09	9.51E+08	15.1	7.65E+08	7.2	3.1	90.7	4.37E+07	6.27E+05
49	55	WAYNE	UT	110.9	38.3	6.44E+09	4.35E+08	6.8	3.67E+08	3.7	0.5	95.9	5.23E+07	4.86E+04

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
49	57	WEBER	UT	111.9	41.3	1.51E+09	8.72E+08	57.9	7.28E+08	6.6		93.4	1.39E+08	4.13E+05
50	0		VT			2.40E+10	6.75E+09	28.1	2.51E+09	37.5	36.3	26.2	2.06E+06	5.33E+06
50	1	ADDISON	VT	73.1	44.0	2.03E+09	9.85E+08	48.6	3.43E+08	39.4	25.9	34.7	2.06E+05	1.38E+06
50	3	BENNINGTON	VT	73.1	43.0	1.74E+09	1.88E+08	10.8	6.53E+07	37.2	32.6	30.2	8.09E+07	1.09E+05
50	5	CALEDONIA	VT	72.1	44.5	1.59E+09	5.01E+08	31.6	1.37E+08	45.0	27.0	28.1	1.70E+05	1.90E+05
50	7	CHITTENDEN	VT	73.1	44.5	1.38E+09	5.38E+08	39.0	2.05E+08	40.6	28.4	31.0	1.34E+05	3.52E+05
50	9	ESSEX	VT	71.7	44.7	1.72E+09	1.10E+08	6.4	3.08E+07	46.7	40.6	12.7	4.05E+04	3.24E+04
50	11	FRANKLIN	VT	72.9	44.9	1.71E+09	9.25E+08	54.1	3.97E+08	38.9	33.9	27.2	5.79E+05	1.00E+06
50	13	GRAND ISLE	VT	73.3	44.8	2.15E+08	1.38E+08	64.2	4.63E+07	50.2	26.7	23.1		1.21E+05
50	15	LAMOILLE	VT	72.6	44.6	1.23E+09	2.24E+08	18.2	7.53E+07	45.2	31.6	23.2		1.25E+05
50	17	ORANGE	VT	72.4	44.0	1.79E+09	5.69E+08	31.8	2.53E+08	29.0	45.7	25.2	1.21E+04	1.98E+05
50	19	ORLEANS	VT	72.2	44.8	1.85E+09	8.04E+08	43.4	3.03E+08	39.8	42.1	18.1	6.07E+04	3.83E+05
50	21	RUTLAND	VT	73.0	43.6	2.40E+09	6.97E+08	29.0	2.90E+08	29.6	44.2	26.1	2.51E+05	5.10E+05
50	23	WASHINGTON	VT	72.6	44.3	1.83E+09	3.39E+08	18.5	1.18E+08	33.1	39.4	27.5	4.05E+04	2.55E+05
50	25	WINDHAM	VT	72.7	43.0	2.03E+09	2.78E+08	13.7	6.67E+07	45.2	35.7	19.1	1.21E+05	1.78E+05
50	27	WINDSOR	VT	72.6	43.6	2.49E+09	4.51E+08	18.1	1.65E+08	38.1	39.9	22.0	4.37E+05	2.83E+05
51	0		VA			1.03E+11	3.92E+10	38.0	1.67E+10	40.9	32.6	26.6	1.14E+08	7.37E+07
51	1	ACCOMACK	VA	75.6	37.8	1.23E+09	3.91E+08	31.7	2.29E+07	28.6	51.5	20.0	1.66E+07	8.86E+05
51	3	ALBEMARLE	VA	78.6	38.0	1.94E+09	8.64E+08	44.5	4.48E+08	49.4	21.9	28.7	8.91E+05	2.10E+06
51	5	ALLEGHANY	VA	80.0	37.8	1.17E+09	1.38E+08	11.8	7.80E+07	32.5	39.5	27.9		4.86E+04
51	7	AMELIA	VA	78.0	37.3	9.48E+08	4.40E+08	46.4	1.09E+08	31.5	39.7	28.8	1.08E+04	1.32E+06
51	9	AMHERST	VA	79.1	37.6	1.22E+09	3.94E+08	32.4	2.27E+08	38.9	31.3	29.9		1.82E+05
51	11	APPOMATTOX	VA	78.8	37.4	8.93E+08	3.98E+08	44.5	1.62E+08	43.0	30.9	26.1	9.79E+05	9.15E+05
51	13	ARLINGTON	VA	77.1	38.9	2.60E+09								1.96E+06
51	15	AUGUSTA	VA	79.1	38.2	2.60E+09	1.26E+09	48.7	7.84E+08	33.8	9.8	56.5	2.57E+06	1.96E+06
51	17	BATH	VA	79.7	38.1	1.40E+09	2.65E+08	18.9	1.35E+08	43.8	19.6	36.6	3.24E+04	2.47E+05
51	19	BEDFORD	VA	79.5	37.3	1.90E+09	8.69E+08	45.7	4.92E+08	40.4	27.9	31.6	5.02E+05	9.67E+05
51	21	BLAND	VA	81.1	37.1	9.56E+08	3.93E+08	41.1	2.02E+08	34.4	17.8	47.8		6.88E+04
51	23	BOTETOURT	VA	79.8	37.6	1.42E+09	4.47E+08	31.5	2.39E+08	41.6	22.8	35.5	8.09E+03	4.25E+05
51	25	BRUNSWICK	VA	77.9	36.8	1.50E+09	5.32E+08	35.5	1.30E+08	41.7	41.7	16.6	3.88E+06	1.78E+06
51	27	BUCHANAN	VA	82.0	37.3	1.32E+09	4.05E+07	3.1	2.36E+07	27.1	45.8	27.2		
51	29	BUCKINGHAM	VA	78.5	37.6	1.51E+09	3.70E+08	24.6	1.56E+08	41.5	39.1	19.4	1.86E+05	8.46E+05
51	31	CAMPBELL	VA	79.1	37.2	1.43E+09	6.07E+08	42.3	2.56E+08	44.4	33.6	21.9	3.12E+06	1.52E+06
51	33	CAROLINE	VA	77.4	38.0	1.41E+09	3.25E+08	23.0	6.88E+07	33.7	36.1	30.2	4.25E+05	9.71E+05
51	35	CARROLL	VA	80.7	36.7	1.28E+09	4.80E+08	37.5	2.81E+08	54.6	17.1	28.3	2.08E+06	2.91E+05
51	36	CHARLES CITY	VA	77.1	37.4	4.69E+08	1.44E+08	30.8	1.98E+07	43.8	30.6	25.6		1.74E+05
51	37	CHARLOTTE	VA	78.7	37.0	1.22E+09	6.01E+08	49.4	1.96E+08	39.8	32.6	27.6	4.37E+06	1.90E+06
51	41	CHESTERFIELD	VA	77.6	37.4	1.17E+09	1.38E+08	11.9	3.62E+07	46.8	30.5	22.7	8.09E+05	5.54E+05
51	43	CLARKE	VA	78.0	39.1	4.51E+08	2.98E+08	66.1	1.72E+08	59.9	5.9	34.1	4.05E+03	4.53E+05
51	45	CRAIG	VA	80.2	37.5	8.70E+08	2.00E+08	23.0	1.11E+08	27.7	24.4	47.9		1.21E+05
51	47	CULPEPER	VA	78.0	38.5	1.01E+09	5.58E+08	55.4	2.65E+08	43.1	15.5	41.5	2.43E+04	1.67E+06
51	49	CUMBERLAND	VA	78.2	37.5	7.54E+08	3.32E+08	44.1	1.62E+08	27.1	27.9	45.0	1.21E+05	7.00E+05
51	51	DICKENSON	VA	82.4	37.1	9.60E+08	4.26E+07	5.0	2.07E+07	45.5	7.8	46.7	1.62E+04	1.21E+04
51	53	DINWIDDIE	VA	77.6	37.1	1.33E+09	4.69E+08	35.2	1.13E+08	31.6	44.4	24.0	3.45E+06	2.44E+06
51	57	ESSEX	VA	77.0	37.9	6.48E+08	2.57E+08	39.7	2.74E+07	38.1	25.7	36.2	1.66E+05	3.60E+05
51	59	FAIRFAX	VA	77.3	38.8	1.09E+09	8.92E+07	8.2	4.04E+07	39.9	13.6	46.5	2.14E+05	8.90E+04

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
51	61	FAUQUIER	VA	77.8	38.7	1.71E+09	9.90E+08	57.9	4.97E+08	50.8	9.6	39.6	8.66E+05	3.16E+06
51	63	FLOYD	VA	80.4	36.9	9.92E+08	5.37E+08	54.1	3.05E+08	46.3	22.6	31.2	1.38E+05	6.07E+04
51	65	FLUVANNA	VA	78.3	37.8	7.46E+08	2.51E+08	33.7	1.03E+08	45.0	25.8	29.2		7.20E+05
51	67	FRANKLIN	VA	79.9	37.0	1.85E+09	8.20E+08	44.2	3.81E+08	37.7	38.4	23.9	5.26E+06	1.34E+06
51	69	FREDERICK	VA	78.3	39.2	1.06E+09	4.62E+08	43.7	2.24E+08	39.8	17.9	42.3	2.83E+04	8.54E+05
51	71	GILES	VA	80.7	37.3	9.40E+08	3.01E+08	32.0	1.86E+08	31.8	22.7	45.6	1.21E+04	1.42E+05
51	73	GLOUCESTER	VA	76.5	37.4	5.91E+08	1.24E+08	21.1	1.63E+07	39.5	33.2	27.4	4.86E+04	2.27E+05
51	75	GOOCHLAND	VA	77.9	37.7	7.49E+08	2.42E+08	32.4	9.85E+07	32.6	33.8	33.6	1.66E+05	1.49E+06
51	77	GRAYSON	VA	81.2	36.7	1.19E+09	6.45E+08	54.2	4.52E+08	44.3	21.7	34.0		1.58E+05
51	79	GREENE	VA	78.5	38.3	3.96E+08	1.50E+08	37.8	6.96E+07	46.8	21.9	31.4	8.09E+03	2.39E+05
51	81	GREENSVILLE	VA	77.6	36.7	7.80E+08	3.19E+08	40.9	6.95E+07	14.1	28.6	57.3	6.31E+05	5.58E+05
51	83	HALIFAX	VA	78.9	36.8	2.07E+09	1.07E+09	51.8	3.42E+08	37.5	37.9	24.6	6.30E+06	3.00E+06
51	85	HANOVER	VA	77.5	37.8	1.20E+09	5.13E+08	42.6	1.30E+08	47.5	19.0	33.5	2.34E+06	1.22E+06
51	87	HENRICO	VA	77.4	37.5	7.48E+08	1.53E+08	20.5	3.64E+07	31.4	47.3	21.3	9.71E+04	1.38E+05
51	89	HENRY	VA	79.9	36.7	1.02E+09	2.11E+08	20.8	1.03E+08	36.9	36.1	26.9	4.41E+05	4.33E+05
51	91	HIGHLAND	VA	79.6	38.4	1.08E+09	4.54E+08	42.2	2.84E+08	31.8	24.4	43.9		1.13E+05
51	93	ISLE OF WIGH	VA	76.7	36.9	8.22E+08	4.05E+08	49.3	5.53E+07	38.8	22.1	39.0	2.63E+05	1.24E+06
51	95	JAMES CITY	VA	76.8	37.3	4.07E+08	7.61E+07	18.7	1.52E+07	28.6	56.7	14.7	1.21E+04	2.10E+05
51	97	KING AND QUE	VA	76.9	37.7	8.24E+08	2.00E+08	24.3	1.80E+07	31.9	53.2	14.9		1.34E+05
51	99	KING GEORGE	VA	77.2	38.3	4.56E+08	1.72E+08	37.7	4.70E+07	34.6	42.6	22.7	5.06E+05	3.12E+05
51	101	KING WILLIAM	VA	77.1	37.7	7.20E+08	2.25E+08	31.2	4.86E+07	26.7	27.0	46.3		2.83E+05
51	103	LANCASTER	VA	76.5	37.7	3.54E+08	9.98E+07	28.2	1.57E+07	21.4	11.2	67.4		1.29E+05
51	105	LEE	VA	83.1	36.7	1.13E+09	5.83E+08	51.4	3.40E+08	47.8	19.5	32.7	1.05E+05	4.05E+05
51	107	LOUDOUN	VA	77.6	39.1	1.34E+09	8.95E+08	66.9	4.49E+08	46.5	15.3	38.2	1.03E+06	2.03E+06
51	109	LOUISA	VA	78.0	38.0	1.34E+09	4.09E+08	30.6	1.59E+08	17.1	23.3	29.6		8.46E+05
51	111	LUNENBERG	VA	78.2	36.9	1.14E+09	4.34E+08	38.0	1.50E+08	36.3	45.7	18.0	3.15E+06	1.84E+06
51	113	MADISON	VA	78.3	38.4	8.47E+08	4.36E+08	51.5	2.19E+08	41.2	17.8	41.0		6.68E+05
51	115	MATHEWS	VA	76.4	37.4	2.30E+08	4.89E+07	21.3	8.38E+06	24.7	21.8	53.5	2.83E+04	1.61E+04
51	117	MECKLENBURG	VA	78.4	36.7	1.58E+09	8.09E+08	51.0	3.18E+08	39.5	39.9	20.6	1.04E+0	4.19E+06
51	119	MIDDLESEX	VA	76.6	37.6	3.36E+08	1.07E+08	31.9	8.41E+06	47.0	31.4	21.6		1.82E+05
51	121	MONTGOMERY	VA	80.4	37.2	1.03E+09	4.43E+08	42.9	2.86E+08	37.1	18.3	44.6	6.47E+04	3.40E+05
51	123	NANSEMOND	VA	76.6	36.7	1.06E+09	4.17E+08	39.3	5.88E+07	25.7	36.1	38.2	3.84E+05	4.94E+05
51	125	NELSON	VA	78.9	37.8	1.22E+09	3.35E+08	27.5	1.46E+08	47.7	35.2	17.1	4.86E+04	2.06E+05
51	127	NEW KENT	VA	77.0	37.5	5.44E+08	1.23E+08	22.6	4.26E+07	29.6	31.8	38.5	8.09E+03	1.58E+05
51	131	NORTHAMPTON	VA	75.9	37.4	5.70E+08	2.33E+08	41.0	1.19E+07	22.3	69.3	8.4	1.35E+07	1.53E+06
51	133	NORTHUMBERLA	VA	76.4	37.9	4.92E+08	2.04E+08	41.4	1.48E+07	33.4	57.5	9.0	1.62E+05	1.66E+05
51	135	NOTTOWAY	VA	78.1	37.1	7.97E+08	3.14E+08	39.3	1.18E+08	43.5	38.5	18.0	1.33E+06	1.25E+06
51	137	ORANGE	VA	78.0	38.3	9.19E+08	4.80E+08	52.2	1.92E+08	53.9	14.3	31.8	2.95E+05	6.96E+05
51	139	PAGE	VA	78.5	38.6	8.18E+08	2.50E+08	30.5	1.28E+08	41.5	11.7	46.8		4.49E+05
51	141	PATRICK	VA	80.3	36.7	1.20E+09	4.20E+08	35.0	1.76E+08	34.7	33.7	31.6	1.05E+05	4.49E+05
51	143	PITTSYLVANIA	VA	79.4	36.8	2.64E+09	1.40E+09	53.1	4.58E+08	41.2	35.2	23.6	1.63E+07	4.93E+06
51	145	POWHATAN	VA	77.9	37.6	6.96E+08	2.05E+08	29.5	6.86E+07	50.6	25.4	23.9	2.02E+04	3.68E+05
51	147	PRINCE EDWAR	VA	78.4	37.2	9.25E+08	3.72E+08	40.3	1.48E+08	36.3	30.0	33.7	2.55E+05	6.03E+05
51	149	PRINCE GEORG	VA	77.2	37.2	7.38E+08	2.48E+08	33.6	6.13E+07	44.0	26.6	29.4	1.21E+04	4.94E+05
51	153	PRINCE WILLI	VA	77.5	38.7	8.99E+08	2.16E+08	24.1	1.01E+08	59.2	16.7	24.1	2.02E+04	4.78E+05
51	155	PULASKI	VA	80.7	37.1	8.50E+08	3.16E+08	37.2	1.98E+08	37.9	10.0	52.1	1.62E+04	4.01E+05
51	157	RAPPAHANNOCK	VA	78.2	38.7	6.92E+08	3.10E+08	44.8	1.68E+08	36.9	21.7	41.4		5.34E+05
51	159	RICHMOND	VA	76.7	37.9	4.93E+08	1.82E+08	37.0	1.86E+07	40.4	34.7	24.9	6.88E+04	2.99E+05
51	161	ROANOKE	VA	80.1	37.3	7.85E+08	1.79E+08	22.8	8.51E+07	31.5	27.1	41.4	2.59E+05	1.05E+05
51	163	ROCKBRIDGE	VA	79.5	37.8	1.57E+09	6.81E+08	43.3	4.32E+08	39.5	18.7	41.8	4.82E+05	3.88E+05
51	165	ROCKINGHAM	VA	78.9	38.5	2.26E+09	1.03E+09	45.8	5.62E+08	44.6	10.4	45.0	4.63E+06	1.71E+06
51	167	RUSSELL	VA	82.1	36.9	1.25E+09	7.26E+08	58.0	4.94E+08	29.6	23.2	47.2	8.90E+04	4.53E+05
51	169	SCOTT	VA	82.6	36.7	1.40E+09	5.74E+08	41.1	3.27E+08	35.8	27.9	36.3	5.26E+04	1.70E+05
51	171	SHENANDOAH	VA	78.6	38.9	1.31E+09	5.38E+08	40.9	2.83E+08	40.9	11.9	47.2	4.05E+04	2.93E+05
51	173	SMYTH	VA	81.5	36.8	1.13E+09	5.43E+08	48.2	3.31E+08	35.8	17.7	46.5	4.86E+04	2.59E+05
51	175	SOUTHAMPTON	VA	77.1	36.7	1.57E+09	8.88E+08	56.6	1.39E+08	10.1	24.2	65.3	1.62E+05	1.90E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND % OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
51	177	SPOTSYLVANIA	VA	77.6	38.2	1.07E+09	2.55E+08	23.7	8.42E+07	50.3	26.7	23.0	8.09E+04	4.33E+05
51	179	STAFFORD	VA	77.5	38.4	6.99E+08	1.12E+08	16.1	4.50E+07	37.8	30.8	31.5	1.78E+05	1.82E+05
51	181	SURRY	VA	76.9	37.1	7.19E+08	2.39E+08	33.3	2.93E+07	25.3	39.1	35.7	4.05E+05	2.83E+05
51	183	SUSSEX	VA	77.3	36.9	1.28E+09	4.41E+08	34.4	7.92E+07	27.8	38.2	33.9	5.10E+05	1.37E+06
51	185	TAZEWELL	VA	81.6	37.1	1.35E+09	5.94E+08	43.9	3.60E+08	30.6	16.8	52.6	4.05E+03	1.42E+05
51	187	WARREN	VA	78.2	38.9	5.67E+08	1.99E+08	33.6	1.11E+08	53.7	12.5	33.8	4.05E+03	3.72E+05
51	191	WASHINGTON	VA	82.0	36.7	1.50E+09	8.61E+08	57.5	5.08E+08	44.6	14.6	40.8	2.43E+04	7.81E+05
51	193	WESTMORELAND	VA	76.8	38.1	5.92E+08	2.60E+08	43.8	2.70E+07	46.0	42.0	13.1	9.02E+05	5.44E+05
51	195	WISE	VA	82.6	37.0	1.08E+09	5.28E+07	4.9	1.82E+07	87.5	5.2	7.3		1.62E+04
51	197	WYTHE	VA	81.1	36.9	1.19E+09	6.38E+08	53.6	3.83E+08	48.9	10.8	40.3		4.78E+05
51	199	YORK	VA	76.5	37.2	6.55E+08	1.31E+07	2.0	3.31E+06	76.2	2.3	21.5	1.98E+05	4.05E+03
51	710	NORFOLK CITY	VA	76.3	36.7	1.10E+09	2.25E+08	20.5	1.68E+07	47.9	19.5	32.7	1.70E+05	1.21E+05
51	810	VIRGINIA BEA	VA	76.2	36.7	6.71E+08	1.69E+08	25.1	9.81E+06	34.0	53.8	12.3	2.83E+05	8.90E+04
53	0		WA			1.72E+11	6.74E+10	39.1	3.27E+10	8.5	24.1	67.3	5.30E+09	1.53E+07
53	1	ADAMS	WA	118.6	47.0	4.90E+09	4.64E+09	94.7	1.24E+09	7.8		92.2	4.28E+08	5.22E+05
53	3	ASOTIN	WA	117.2	46.2	1.44E+09	1.12E+09	68.5	7.67E+08	2.2	9.2	88.7	4.69E+06	3.20E+05
53	5	BENTON	WA	119.5	46.2	4.46E+09	2.92E+09	65.4	1.07E+09	7.3	0.9	91.8	3.63E+08	7.89E+05
53	7	CHELAN	WA	120.6	47.9	7.56E+09	3.81E+08	5.0	1.34E+08	12.4	12.2	75.4	1.07E+08	4.05E+04
53	9	CLALLAM	WA	123.9	48.1	4.54E+09	1.23E+08	2.7	4.72E+07	61.9	20.8	17.3	3.14E+07	1.17E+05
53	11	CLARK	WA	122.5	45.8	1.62E+09	4.03E+08	24.8	1.83E+08	48.6	23.3	28.1	2.36E+07	3.12E+05
53	13	COLUMBIA	WA	117.9	46.3	2.21E+09	1.28E+09	58.1	5.16E+08	7.2	18.3	74.5	3.22E+07	1.42E+05
53	15	COWLITZ	WA	122.7	46.2	2.96E+09	1.54E+08	5.2	7.75E+07	45.2	38.7	16.1	7.94E+06	2.43E+04
53	17	DOUGLAS	WA	119.7	47.7	4.74E+09	3.87E+09	81.5	1.34E+09	6.1	1.3	92.6	9.25E+07	1.03E+06
53	19	FERRY	WA	118.5	48.5	5.70E+09	3.15E+09	55.2	2.85E+09	0.7	71.2	28.0	1.32E+07	7.28E+04
53	21	FRANKLIN	WA	118.9	46.5	3.25E+09	2.43E+09	74.9	8.65E+08	5.4		94.6	5.89E+08	1.67E+06
53	23	GARFIELD	WA	117.5	46.4	1.84E+09	1.46E+09	7 .6	5.92E+08	3.2	3.0	93.7	7.22E+06	2.43E+04
53	25	GRANT	WA	119.5	47.2	6.93E+09	4.38E+09	63.2	1.76E+09	7.2	0.1	92.7	1.19E+09	8.50E+05
53	27	GRAYS HARBOR	WA	123.7	47.2	4.95E+09	2.01E+08	4.1	8.82E+07	56.1	22.7	21.2	1.46E+07	1.38E+05
53	29	ISLAND	WA	122.5	48.1	5.48E+08	8.38E+07	15.3	2.57E+07	63.3	24.7	12.0	6.19E+06	1.34E+05
53	31	JEFFERSON	WA	123.6	47.8	4.68E+09	5.08E+07	1.1	2.59E+07	56.0	30.1	13.9	2.88E+06	6.07E+04
53	33	KING	WA	121.8	47.5	5.51E+09	2.08E+08	3.8	1.12E+08	59.1	8.8	32.1	9.57E+06	1.25E+05
53	35	KITSAP	WA	122.7	47.6	1.02E+09	3.15E+07	3.1	1.48E+07	62.9	24.9	12.2	1.94E+06	4.86E+04
53	37	KITTITAS	WA	120.7	47.1	6.00E+09	1.85E+09	30.8	1.54E+09	8.7	10.2	81.1	2.78E+08	3.93E+05
53	39	KLICKITAT	WA	120.8	45.9	4.94E+09	3.18E+09	64.4	2.14E+09	5.3	19.6	75.2	7.06E+07	7.37E+05
53	41	LEWIS	WA	122.4	46.6	6.28E+09	5.55E+08	8.8	2.33E+08	49.6	37.5	12.9	2.98E+07	1.54E+05
53	43	LINCOLN	WA	118.4	47.6	5.97E+09	5.94E+09	99.6	2.29E+09	6.5	9.6	83.9	1.45E+08	8.42E+05
53	45	MASON	WA	123.2	47.3	2.49E+09	6.25E+07	2.5	3.87E+07	33.6	39.4	27.0	8.78E+05	
53	47	OKANOGAN	WA	119.7	48.5	1.37E+10	5.42E+09	39.5	4.62E+09	3.3	36.3	60.4	1.76E+08	5.71E+05
53	49	PACIFIC	WA	123.7	46.6	2.35E+09	1.38E+08	5.9	6.55E+07	51.0	27.4	21.6	8.00E+06	1.98E+05
53	51	PEND OREILLE	WA	117.3	48.5	3.63E+09	2.66E+08	7.3	1.52E+08	29.2	55.1	15.7	8.57E+06	6.80E+04
53	53	PIERCE	WA	122.2	48.0	4.34E+09	2.51E+08	5.8	1.23E+08	51.4	23.5	25.1	1.81E+07	2.39E+05
53	55	SAN JUAN	WA	123.0	48.5	4.64E+08	8.54E+07	18.4	4.07E+07	66.5	17.2	16.3	1.39E+06	3.72E+05
53	57	SKAGIT	WA	121.7	48.5	4.49E+09	4.41E+08	9.8	1.32E+08	47.0	25.2	27.9	1.12E+07	1.17E+05
53	59	SKAMANIA	WA	121.9	46.0	4.33E+09	3.37E+07	0.8	2.15E+07	43.2	44.7	12.1	3.64E+05	2.83E+04
53	61	SNOHOMISH	WA	121.7	48.0	5.43E+09	3.16E+08	5.8	1.34E+08	60.6	18.1	21.2	1.84E+07	1.46E+05
53	63	SPOKANE	WA	117.4	47.6	4.55E+09	2.78E+09	61.1	9.60E+08	16.0	39.3	44.7	5.20E+07	6.19E+05
53	65	STEVENS	WA	117.9	48.4	6.43E+09	2.40E+09	37.3	1.59E+09	10.3	61.1	28.6	5.53E+07	7.37E+05
53	67	THURSTON	WA	122.8	46.9	1.85E+09	2.64E+08	14.3	1.37E+08	40.6	32.5	26.9	2.38E+07	3.16E+05
53	69	WAHKIAKUM	WA	123.4	46.3	6.75E+08	6.37E+07	9.4	3.19E+07	74.5	12.6	12.9	2.23E+06	2.43E+04
53	71	WALLA WALLA	WA	118.5	46.2	3.27E+09	3.26E+09	99.8	9.36E+08	8.8	5.9	85.4	3.15E+08	8.90E+05
53	73	WHATCOM	WA	121.7	48.8	5.51E+09	5.38E+08	9.8	2.01E+08	53.7	15.5	30.8	1.02E+08	1.11E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	% OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
53	75	WHITMAN	WA	117.5	46.9	5.58E+09	5.53E+09	99.1	1.15E+09	12.9	8.4	78.7	2.56E+07	4.29E+05
53	77	YAKIMA	WA	120.7	46.5	1.11E+10	7.15E+09	64.7	5.45E+09	3.8	39.5	56.7	1.03E+09	9.39E+05
54	0		WV			6.23E+10	1.42E+10	22.7	7.82E+09	38.2	26.0	35.7	6.12E+06	1.08E+07
54	1	BARBOUR	WV	80.0	39.1	8.83E+08	3.39E+08	38.4	1.94E+08	45.5	20.3	34.2		1.90E+05
54	3	BERKELEY	WV	78.0	39.5	8.18E+08	3.47E+08	42.4	1.41E+08	57.3	11.2	31.5	8.38E+05	3.36E+05
54	5	BOONE	WV	81.7	38.0	1.30E+09	1.84E+07	1.4	6.48E+06	49.6	30.4			
54	7	BRAXTON	WV	80.7	38.7	1.32E+09	2.93E+08	22.1	1.66E+08	52.5	26.6	20.9		1.25E+05
54	9	BROOKE	WV	80.6	40.3	2.28E+08	4.90E+07	21.4	2.08E+07	49.9	14.0	36.1		6.07E+04
54	11	CABELL	WV	82.2	38.4	7.23E+08	1.79E+08	24.8	1.13E+08	38.8	39.7	21.5	2.83E+04	6.88E+04
54	13	CALHOUN	WV	81.1	38.8	7.28E+08	1.76E+08	24.2	1.11E+08	43.3	40.0	16.7		2.83E+04
54	15	CLAY	WV	81.1	38.5	8.88E+08	4.94E+07	5.6	3.34E+07	42.6	38.7	18.6	4.05E+03	2.02E+04
54	17	DODDRIDGE	WV	80.7	39.3	8.24E+08	2.21E+08	26.7	1.34E+08	42.9	36.9	20.2	4.05E+03	2.55E+05
54	19	FAYETTE	WV	81.1	38.0	1.72E+09	9.05E+07	5.3	5.29E+07	48.4	35.6	15.1		1.21E+05
54	21	GILMER	WV	80.9	38.9	8.78E+08	2.15E+08	24.5	1.38E+08	34.2	28.0	35.8	4.05E+03	1.34E+05
54	23	GRANT	WV	79.1	39.1	1.24E+09	5.48E+08	44.3	3.09E+08	26.8	29.8	43.4	8.90E+04	6.11E+05
54	25	GREENBRIER	WV	80.5	37.9	2.66E+09	7.43E+08	28.0	4.65E+08	26.1	22.6	51.2	6.19E+05	7.20E+05
54	27	HAMPSHIRE	WV	78.6	39.3	1.66E+09	6.89E+08	41.6	2.58E+08	37.8	23.5	38.7	1.62E+06	6.52E+05
54	29	HANCOCK	WV	80.6	40.5	2.15E+08	3.32E+07	15.4	1.20E+07	41.1	22.5	36.4	4.05E+03	1.21E+04
54	31	HARDY	WV	78.9	39.0	1.52E+09	6.61E+08	43.6	2.97E+08	27.0	26.8	46.2	4.01E+05	5.42E+05
54	33	HARRISON	WV	80.4	39.3	1.08E+09	3.60E+08	33.3	2.52E+08	48.2	19.1	32.7	1.74E+05	2.14E+05
54	35	JACKSON	WV	81.7	38.8	1.19E+09	4.36E+08	36.6	2.87E+08	37.4	29.9	32.7	7.28E+04	2.31E+05
54	37	JEFFERSON	WV	77.9	39.3	5.46E+08	3.47E+08	63.6	1.57E+08	52.6	4.8	42.6	1.62E+05	4.29E+05
54	39	KANAWHA	WV	81.5	38.3	2.35E+09	7.67E+07	3.3	4.10E+07	62.1	27.1	10.7	8.09E+03	1.21E+04
54	41	LEWIS	WV	80.5	39.0	1.02E+09	3.65E+08	35.9	2.39E+08	41.4	21.1	37.5	8.09E+03	2.67E+05
54	43	LINCOLN	WV	82.1	38.2	1.13E+09	1.50E+08	13.2	8.73E+07	44.2	39.0	16.7	1.74E+05	1.21E+04
54	45	LOGAN	WV	81.9	37.8	1.18E+09	9.56E+06	0.8	4.35E+06	20.0	67.3	12.7		
54	47	MC DOWELL	WV	81.7	37.4	8.05E+08								1.25E+05
54	49	MARION	WV	80.2	39.5	8.05E+08	1.56E+08	19.4	8.85E+07	56.3	20.2	23.5	1.86E+05	1.25E+05
54	51	MARSHALL	WV	80.7	39.9	7.88E+08	2.90E+08	36.8	1.60E+08	47.5	15.2	37.3	2.51E+05	6.07E+04
54	53	MASON	WV	82.0	38.8	1.12E+09	4.61E+08	41.1	2.57E+08	34.4	30.2	35.4	1.94E+05	4.41E+05
54	55	MERCER	WV	81.1	37.4	1.08E+09	2.20E+08	20.4	1.19E+08	46.2	28.8	25.0	4.05E+04	2.06E+05
54	57	MINERAL	WV	79.0	39.4	8.55E+08	2.92E+08	34.2	1.47E+08	37.6	31.6	30.7		4.05E+05
54	59	MINGO	WV	82.1	37.7	1.10E+09	2.25E+06	0.2	3.52E+05	100.0				
54	61	MONONGALIA	WV	80.0	39.6	9.45E+08	1.95E+08	20.6	1.17E+08	60.1	9.5	30.4	6.88E+04	1.34E+05
54	63	MONROE	WV	80.5	37.6	1.22E+09	5.46E+08	44.6	3.60E+08	23.5	28.3	48.2	9.71E+04	6.23E+05
54	65	MORGAN	WV	78.3	39.6	6.03E+08	9.32E+07	15.4	2.66E+07	53.7	23.5	22.8	1.21E+05	1.17E+05
54	67	NICHOLAS	WV	80.8	38.3	1.66E+09	1.57E+08	9.4	6.36E+07	51.9	26.5	21.6	2.83E+04	1.75E+05
54	69	OHIO	WV	80.6	40.1	2.75E+08	9.23E+07	33.6	3.95E+07	50.8	13.5	35.7	8.50E+04	1.05E+05
54	71	PENDLETON	WV	79.4	38.7	1.80E+09	9.18E+08	51.0	5.21E+08	28.0	33.1	38.9	2.83E+05	6.88E+05
54	73	PLEASANTS	WV	81.2	39.4	3.35E+08	5.58E+07	16.7	2.38E+07	47.4	7.1	45.5		4.05E+03
54	75	POCAHONTAS	WV	80.0	38.3	2.44E+09	5.54E+08	22.7	3.44E+08	19.3	34.8	45.9		4.45E+05
54	77	PRESTON	WV	79.7	39.5	1.67E+09	5.17E+08	30.9	2.20E+08	44.1	20.1	35.8	1.62E+04	6.35E+05
54	79	PUTNAM	WV	81.9	38.5	9.01E+08	2.37E+08	26.3	1.11E+08	50.3	26.9	22.8	4.05E+03	7.28E+04
54	81	RALEIGH	WV	81.2	37.8	1.57E+09	1.24E+08	7.9	4.21E+07	73.0	14.9	12.1		9.31E+04
54	83	RANDOLPH	WV	79.9	38.8	2.68E+09	5.45E+08	20.3	3.12E+08	25.6	39.2	35.2	3.64E+04	1.25E+05
54	85	RITCHIE	WV	81.1	39.2	1.17E+09	3.01E+08	25.7	1.82E+08	49.7	27.5	22.8	4.05E+03	1.82E+05
54	87	ROANE	WV	81.3	38.7	1.26E+09	3.49E+08	27.8	2.07E+08	44.7	21.4	33.9	3.64E+04	1.46E+05
54	89	SUMMERS	WV	80.9	37.6	9.06E+08	1.84E+08	20.3	1.02E+08	31.1	35.3	33.6		1.54E+05
54	91	TAYLOR	WV	80.0	39.3	4.51E+08	1.67E+08	37.0	1.05E+08	46.4	16.3	37.2	6.47E+04	1.17E+05
54	93	TUCKER	WV	79.6	39.1	1.09E+09	1.47E+08	13.5	7.93E+07	36.6	32.0	31.5	6.07E+04	1.25E+05
54	95	TYLER	WV	80.9	39.5	6.62E+08	1.75E+08	26.5	1.09E+08	40.4	27.0	32.6		8.09E+04

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M**2	FARM LAND M**2	FARM LAND X OF TOTAL	TOT. PASTURE M**2	PERCENT OF TOTAL PASTURE XCROPLAND	PERCENT OF TOTAL PASTURE XWOODLAND	PERCENT OF TOTAL PASTURE XRANGELAND	IRRIG. LAND M**2	AGRICULTURAL POND AREA(M**2)
54	97	UPSHUR	WV	80.2	38.9	9.12E+08	2.29E+08	25.1	1.49E+08	42.9	25.8	31.3	5.67E+04	1.98E+05
54	99	WAYNE	WV	82.4	38.2	1.33E+09	1.10E+08	8.3	5.40E+07	46.4	33.1	20.5	2.43E+04	1.21E+04
54	101	WEBSTER	WV	80.4	38.5	1.43E+09	5.18E+07	3.6	1.60E+07	77.0	2.0	21.0		4.05E+03
54	103	WETZEL	WV	80.6	39.6	9.39E+08	1.74E+08	18.5	8.88E+07	41.8	29.7	28.5		8.09E+03
54	105	WIRT	WV	81.4	39.0	6.09E+08	1.35E+08	22.2	7.56E+07	49.4	23.1	27.5		5.67E+04
54	107	WOOD	WV	81.5	39 2	9.54E+08	2.52E+08	26.4	1.43E+08	40.6	24.7	34.8	2.35E+05	2.23E+05
54	109	WYOMING	WV	81.5	37.6	1.31E+09	1.71E+07	1.3	5.26E+06	100.0			1.62E+04	
55	0		WI			1.41E+11	7.13E+10	50.6	1.85E+10	38.5	36.3	25.3	5.18E+08	8.03E+07
55	1	ADAMS	WI	89.8	44.0	1.67E+09	4.54E+08	27.1	1.07E+08	39.3	41.0	19.7	4.56E+07	1.82E+05
55	3	ASHLAND	WI	90.7	46.3	2.69E+09	3.12E+08	11.6	9.31E+07	35.4	44.1	20.5		1.05E+05
55	5	BARRON	WI	91.9	45.4	2.24E+09	1.56E+09	69.9	5.19E+08	37.4	42.4	20.3	8.28E+06	4.41E+05
55	7	BAYFIELD	WI	91.2	46.5	3.78E+09	4.23E+08	11.2	1.31E+08	35.7	50.1	14.3	2.35E+05	1.74E+05
55	9	BROWN	WI	88.0	44.5	1.36E+09	9.61E+08	70.8	1.36E+08	60.0	26.5	13.5	9.87E+05	1.74E+05
55	11	BUFFALO	WI	91.8	44.4	1.84E+09	1.48E+09	80.4	4.64E+08	33.7	39.3	27.0	5.71E+05	8.62E+05
55	13	BURNETT	WI	92.4	45.9	2.18E+09	4.12E+08	18.9	1.37E+08	31.5	51.4	17.2	7.69E+04	1.58E+05
55	15	CALUMET	WI	88.2	44.1	8.35E+08	6.96E+08	83.4	7.12E+07	56.7	20.2	23.1		1.58E+05
55	17	CHIPPEWA	WI	91.3	45.1	2.64E+09	1.66E+09	62.9	5.67E+08	39.5	41.5	19.0	3.92E+06	5.06E+05
55	19	CLARK	WI	90.6	44.7	3.16E+09	1.90E+09	59.9	6.41E+08	39.8	38.7	21.4	1.71E+06	8.50E+05
55	21	COLUMBIA	WI	89.3	43.5	2.01E+09	1.52E+09	75.6	2.49E+08	45.5	24.8	29.7	4.03E+06	7.16E+05
55	23	CRAWFORD	WI	90.9	43.2	1.47E+09	1.10E+09	74.7	4.98E+08	24.7	60.7	14.6	4.86E+04	4.17E+05
55	25	DANE	WI	89.4	43.1	3.10E+09	2.50E+09	80.4	4.13E+08	51.0	24.5	24.5	3.41E+06	7.20E+05
55	27	DODGE	WI	88.7	43.4	2.30E+09	1.82E+09	79.0	2.24E+08	51.1	13.6	35.3	5.05E+06	1.11E+06
55	29	DOOR	WI	87.3	44.9	1.27E+09	6.68E+08	52.4	1.08E+08	54.8	28.9	16.3	1.86E+06	4.45E+04
55	31	DOUGLAS	WI	91.9	46.4	3.38E+09	3.16E+08	9.4	1.30E+08	43.9	46.5	9.6	2.63E+05	8.09E+04
55	33	DUNN	WI	91.9	45.0	2.21E+09	1.69E+09	76.5	4.95E+08	35.5	40.9	23.6	1.40E+07	2.59E+05
55	35	EAU CLAIRE	WI	91.3	44.7	1.68E+09	8.98E+08	53.6	2.23E+08	58.0	23.9	18.1	3.38E+06	2.27E+05
55	37	FLORENCE	WI	88.4	45.8	1.26E+09	1.15E+08	9.1	3.71E+07	40.1	41.6	18.3	1.11E+06	1.05E+05
55	39	FOND DU LAC	WI	88.5	43.8	1.88E+09	1.55E+09	82.7	1.82E+08	46.8	12.1	41.1	4.16E+06	8.05E+05
55	41	FOREST	WI	88.8	45.7	2.61E+09	1.58E+08	6.1	6.10E+07	35.5	40.4	24.1		4.05E+04
55	43	GRANT	WI	90.7	42.9	2.97E+09	2.53E+09	85.3	1.03E+09	30.0	35.5	34.5	1.63E+06	1.36E+06
55	45	GREEN	WI	89.6	42.7	1.51E+09	1.39E+09	91.8	3.26E+08	55.5	15.1	29.3	1.02E+06	3.28E+05
55	47	GREEN LAKE	WI	89.0	43.8	9.18E+08	6.25E+08	68.1	1.09E+08	37.0	19.5	43.5	2.51E+05	2.72E+05
55	49	IOWA	WI	90.1	43.0	1.97E+09	1.53E+09	77.5	6.05E+08	31.4	28.8	39.8	3.72E+06	8.26E+05
55	51	IRON	WI	90.2	46.3	1.93E+09	6.45E+07	3.3	1.58E+07	43.7	39.2	17.1		2.02E+04
55	53	JACKSON	WI	90.8	44.3	2.59E+09	1.08E+09	41.6	2.98E+08	40.0	32.1	27.9	5.26E+06	1.80E+06
55	55	JEFFERSON	WI	88.8	43.0	1.46E+09	1.10E+09	75.6	1.66E+08	45.8	18.3	35.9	8.19E+06	6.80E+05
55	57	JUNEAU	WI	90.1	43.9	2.00E+09	7.17E+08	35.8	2.02E+08	40.3	33.6	26.1	2.63E+06	5.58E+05
55	59	KENOSHA	WI	88.0	42.6	7.05E+08	4.08E+08	57.9	4.26E+07	50.0	28.6	21.4	5.95E+05	2.10E+05
55	61	KEWAUNEE	WI	87.6	44.5	8.54E+08	7.71E+08	90.3	1.02E+08	62.5	27.2	10.4	9.71E+05	1.70E+05
55	63	LA CROSSE	WI	91.1	43.9	1.17E+09	8.94E+08	76.6	3.01E+08	32.3	42.6	25.1	1.82E+06	5.50E+05
55	65	LAFAYETTE	WI	90.1	42.7	1.67E+09	1.51E+09	90.8	4.95E+08	44.4	12.6	43.0	5.47E+04	4.90E+05
55	67	LANGLADE	WI	89.1	45.3	2.22E+09	5.96E+08	26.9	1.36E+08	34.6	45.4	20.0	2.23E+07	1.42E+05
55	69	LINCOLN	WI	89.7	45.3	2.31E+09	5.86E+08	25.4	1.88E+08	28.4	52.7	18.9	4.20E+06	3.40E+05
55	71	MANITOWOC	WI	87.8	44.1	1.53E+09	1.18E+09	77.5	1.33E+08	65.1	21.7	13.2	1.65E+06	3.08E+05
55	73	MARATHON	WI	89.8	44.9	4.11E+09	2.54E+09	61.9	8.23E+08	32.6	42.3	25.1	1.37E+07	3.13E+06
55	75	MARINETTE	WI	88.0	45.4	3.57E+09	6.90E+08	19.3	1.59E+08	41.6	42.3	16.1	2.66E+06	1.58E+05
55	77	MARQUETTE	WI	89.4	43.8	1.18E+09	6.46E+08	54.8	1.26E+08	40.1	30.3	29.6	3.82E+06	5.79E+05
55	79	MILWAUKEE	WI	88.0	43.0	6.13E+08	6.19E+07	10.1	4.16E+06	52.3	21.7	26.0	7.53E+05	8.09E+03
55	81	MONROE	WI	90.6	43.9	2.37E+09	1.53E+09	64.4	5.46E+08	29.2	46.1	24.7	6.79E+06	1.12E+07
55	83	OCONTO	WI	88.3	45.0	2.59E+09	1.03E+09	39.8	1.93E+08	55.5	33.8	10.7	2.95E+06	3.80E+05
55	85	ONEIDA	WI	89.5	45.7	2.88E+09	2.18E+08	7.6	1.36E+07	47.2	25.4	27.4	4.24E+06	1.10E+06

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
55	87	OUTAGAMIE	WI	88.5	44.4	1.64E+09	1.20E+09	73.3	1.34E+08	58.3	21.2	20.5	1.68E+06	2.06E+05
55	89	OZAUKEE	WI	87.9	43.4	6.10E+08	3.74E+08	61.3	3.82E+07	64.3	11.8	22.0	7.37E+05	2.55E+05
55	91	PEPIN	WI	92.0	44.6	6.08E+08	4.79E+08	78.8	1.25E+08	31.5	39.7	28.8	7.97E+05	2.35E+05
55	93	PIERCE	WI	92.4	44.7	1.53E+09	1.21E+09	79.5	3.41E+08	38.7	38.1	23.2	4.86E+04	1.11E+06
55	95	POLK	WI	92.5	45.5	2.41E+09	1.52E+09	63.0	5.16E+08	29.7	51.0	19.3	3.16E+05	1.01E+06
55	97	PORTAGE	WI	89.5	44.5	2.09E+09	1.17E+09	55.9	2.78E+08	46.7	34.4	18.9	1.19E+08	6.27E+05
55	99	PRICE	WI	90.4	45.7	3.26E+09	5.80E+08	17.8	1.98E+08	30.5	45.7	23.7	1.66E+06	2.59E+05
55	101	RACINE	WI	88.1	42.7	8.72E+08	5.52E+08	63.3	5.15E+07	45.0	33.7	21.1	7.33E+06	2.59E+05
55	103	RICHLAND	WI	90.4	43.4	1.51E+09	1.25E+09	82.6	5.77E+08	24.4	47.4	28.2	3.44E+06	8.46E+05
55	105	ROCK	WI	89.1	42.7	1.87E+09	1.51E+09	81.1	1.94E+08	49.6	20.6	29.7	1.50E+06	4.61E+05
55	107	RUSK	WI	91.1	45.5	2.35E+09	8.00E+08	34.1	3.09E+08	30.9	45.1	24.1	1.86E+05	4.23E+05
55	109	ST CROIX	WI	92.5	45.0	1.90E+09	1.44E+09	75.6	3.84E+08	49.7	25.9	24.5	4.61E+06	8.62E+05
55	111	SAUK	WI	89.9	43.4	2.18E+09	1.61E+09	73.7	4.83E+08	31.5	40.0	28.5	2.10E+07	9.74E+05
55	113	SAWYER	WI	91.1	45.9	3.26E+09	2.38E+08	7.3	9.95E+07	32.3	45.8	21.9	1.39E+06	1.13E+05
55	115	SHAWANO	WI	88.8	44.8	2.38E+09	1.41E+09	59.3	2.94E+08	39.4	37.7	20.9	1.47E+06	5.91E+05
55	117	SHEBOYGAN	WI	87.9	43.7	1.31E+09	9.40E+08	71.8	9.57E+07	61.4	13.1	25.5	6.47E+04	3.16E+05
55	119	TAYLOR	WI	90.5	45.2	2.53E+09	1.09E+09	43.1	3.80E+08	30.2	46.5	23.3	1.00E+06	8.54E+05
55	121	TREMPEALEAU	WI	91.4	44.3	1.90E+09	1.56E+09	82.1	4.97E+08	45.4	31.6	23.0	5.10E+05	1.00E+06
55	123	VERNON	WI	90.8	43.6	2.08E+09	1.68E+09	80.8	6.89E+08	33.5	41.9	24.6	4.05E+03	1.28E+06
55	125	VILAS	WI	89.5	46.0	2.24E+09	3.49E+07	1.6	8.74E+06	65.3	33.7	1.0	2.97E+06	2.83E+04
55	127	WALWORTH	WI	88.5	42.7	1.44E+09	1.09E+09	75.8	1.53E+08	40.1	25.8	34.1	2.83E+05	8.62E+05
55	129	WASHBURN	WI	91.8	45.9	2.13E+09	4.67E+08	22.1	1.83E+08	36.1	37.0	26.9	1.95E+06	8.18E+05
55	131	WASHINGTON	WI	88.2	43.4	1.11E+09	6.93E+08	62.4	8.47E+07	44.0	26.3	29.7	1.19E+06	3.32E+05
55	133	WAUKESHA	WI	88.3	43.0	1.43E+09	6.37E+08	44.4	9.37E+07	45.2	14.3	38.6	6.21E+06	3.56E+05
55	135	WAUPACA	WI	89.0	44.5	1.94E+09	1.18E+09	60.8	2.10E+08	44.0	36.2	17.8	1.33E+07	1.30E+06
55	137	WAUSHARA	WI	89.2	44.1	1.62E+09	8.61E+08	53.0	1.51E+08	45.1	37.9	16.9	1.18E+08	9.75E+05
55	139	WINNEBAGO	WI	88.6	44.1	1.16E+09	7.91E+08	68.1	9.36E+07	58.5	13.5	28.0	8.17E+05	4.78E+05
55	141	WOOD	WI	90.0	44.5	2.09E+09	1.06E+09	50.5	3.85E+08	41.9	34.9	20.2	1.62E+07	3.06E+07
56	0		WY			2.52E+11	1.39E+11	55.1	1.28E+11	1.8	1.3	96.9	5.91E+09	1.44E+08
56	1	ALBANY	WY	105.7	41.7	1.10E+10	6.50E+09	59.1	6.00E+09	1.1		98.9	4.90E+08	1.62E+07
56	3	BIG HORN	WY	108.0	44.5	8.18E+09	1.99E+09	24.3	1.56E+09	9.1	0.7	90.2	3.99E+08	2.49E+06
56	5	CAMPBELL	WY	105.5	44.2	1.23E+10	1.18E+10	95.5	1.10E+10	0.5	0.1	99.3	8.95E+06	3.31E+07
56	7	CARBON	WY	106.9	41.7	2.05E+10	1.06E+10	51.9	1.02E+10	1.7	0.5	97.8	5.06E+08	7.80E+06
56	9	CONVERSE	WY	105.5	43.0	1.11E+10	9.87E+09	89.0	9.59E+09	0.4	0.7	98.9	1.61E+08	1.33E+07
56	11	CROOK	WY	104.6	44.6	7.46E+09	6.33E+09	84.8	5.70E+09	1.0	11.5	87.5	1.84E+07	1.47E+07
56	13	FREMONT	WY	108.6	43.0	2.38E+10	9.88E+09	41.5	9.17E+09	2.5	0.3	97.2	5.74E+08	1.11E+06
56	15	GOSHEN	WY	104.4	42.1	5.77E+09	5.26E+09	91.2	4.12E+09	3.9	0.9	95.3	4.05E+08	8.98E+05
56	17	HOT SPRINGS	WY	108.4	43.7	5.24E+09	3.37E+09	64.3	3.13E+07	100.0			9.05E+07	1.05E+06
56	19	JOHNSON	WY	106.6	44.0	1.08E+10	8.61E+09	79.6	8.36E+09	1.0	0.3	98.6	1.94E+08	9.14E+06
56	21	LARAMIE	WY	104.7	41.3	7.00E+09	6.83E+09	97.5	5.58E+09	2.1	0.2	97.7	1.57E+08	2.55E+06
56	23	LINCOLN	WY	110.7	42.2	1.06E+10	2.31E+09	21.9	1.87E+09	6.4	6.6	87.0	3.46E+08	8.94E+05
56	25	NATRONA	WY	106.8	43.0	1.38E+10	1.14E+10	82.4	1.13E+10		0.2	99.8	1.27E+08	1.15E+07
56	27	NIOBRARA	WY	104.5	43.1	6.77E+09	6.45E+09	95.3	6.11E+09	1.2	0.6	98.2	5.96E+07	9.75E+06
56	29	PARK	WY	109.3	44.4	1.80E+10	4.56E+09	25.3	3.98E+09	4.4	1.8	93.8	4.65E+08	1.80E+06
56	31	PLATTE	WY	105.0	42.1	5.40E+09	5.40E+09	100.0	5.09E+09	2.7	0.4	96.9	2.45E+08	4.59E+06
56	33	SHERIDAN	WY	106.9	44.8	6.56E+09	5.95E+09	90.8	5.56E+09	2.5	0.3	97.3	2.28E+08	8.92E+06
56	35	SUBLETTE	WY	109.9	42.8	1.26E+10	2.54E+09	20.2	1.99E+09	6.8	1.3	91.9	6.32E+08	2.75E+06
56	37	SWEETWATER	WY	108.9	41.7	2.70E+10	7.14E+09	26.4	4.12E+07	100.0			9.31E+07	2.87E+05
56	39	TETON	WY	110.6	43.7	1.04E+10	3.56E+08	3.5	1.53E+08	20.5	8.4	71.1	8.73E+07	6.47E+04
56	41	UINTA	WY	110.6	41.3	5.40E+09	3.25E+09	60.2	2.99E+09	4.3	2.9	92.8	3.52E+08	3.25E+06
56	43	WASHAKIE	WY	107.7	43.9	5.86E+09	1.88E+09	32.1	1.65E+09	1.6	0.4	98.0	1.80E+08	5.75E+05

APPENDIX A (CONTINUED)

IS	IC	COUNTY NAME	ST	LONG.	LAT.	TOTAL LAND M##2	FARM LAND M##2	FARM LAND % OF TOTAL	TOT. PASTURE M##2	PERCENT OF TOTAL PASTURE %CROPLAND	%WOODLAND	%RANGELAND	IRRIG. LAND M##2	AGRICULTURAL POND AREA(M##2)
56	45	WESTON	WY	104.6	43.8	6.23E+09	6.13E+09	98.3	5.83E+09	1.0	5.3	93.7	9.13E+06	9.21E+06
		U.S. TOTAL				9.16E+12	4.12E+12	44.9	1.99E+12	0.2	9.2	90.6	1.67E+11	6.27E+09

APPENDIX B. Annual Harvested Area, Estimated Annual Production, and Average Annual Productivity of Vegetables, Fruits, Nuts, Grain, and Honey

Appendix B lists harvested areas, production, and estimated productivities (in weights as marketed) for the four human vegetable food categories and production of honey. Areas of vegetable categories were taken directly from the census, but, for about 25%, production and productivity were estimated from collateral information (see Sections 3.1-3.4). The sum totals of all counties in a state is equal to or less than the state total for any given area or production. This result reflects the disclosure protocols used by the U.S. Department of Commerce. If reported data for a county were from less than three farms, the information is contained in the state total, but not in the county total to avoid disclosure of the identity of the farmer or farm. Productivity is the value found by Eq. (2) and is our best approximation of the mature standing edible crop biomass at harvest.

APPENDIX B. ANNUAL HARVESTED AREA, ESTIMATED ANNUAL PRODUCTION, AND AVERAGE ANNUAL PRODUCTIVITY OF VEGETABLES, FRUITS, NUTS, GRAIN, AND HONEY.

ST	CO	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
1	0		AL	6.92E+06	1.13E+07	1.64	4.27E+07	2.68E+07	.63	8.02E+08	2.83E+08	.35	5.69E+08	1.13E+08	.20	8.23E+05
1	1	AUTAUGA	AL	8.50E+04	1.18E+05	1.39	9.89E+05	9.64E+05	.97	7.19E+06	4.26E+06	.59	8.65E+06	1.72E+06	.20	
1	3	BALDWIN	AL	1.47E+06	2.04E+06	1.39	3.52E+06	1.81E+06	.51	6.42E+07	6.87E+07	1.07	4.71E+07	9.91E+06	.21	1.04E+05
1	5	BARBOUR	AL							6.62E+07	1.06E+07	.16	7.78E+06	1.35E+06	.17	
1	7	BIBB	AL							3.64E+04	1.20E+04	.34	3.67E+05	4.77E+04	.13	
1	9	BLOUNT	AL	1.25E+05	3.43E+05	2.74	7.59E+06	5.26E+06	.69	3.21E+06	1.92E+06	.60	3.60E+06	7.55E+05	.21	
1	11	BULLOCK	AL							5.83E+06	5.40E+05	.09	4.19E+06	7.51E+05	.18	
1	13	BUTLER	AL							9.28E+06	1.60E+06	.17	5.08E+06	9.74E+05	.19	
1	15	CALHOUN	AL				1.62E+04	1.80E+04	1.10	6.63E+05	5.96E+05	.90	2.77E+06	5.15E+05	.19	
1	17	CHAMBERS	AL							4.09E+05	9.50E+04	.23	2.95E+06	5.88E+05	.20	
1	19	CHEROKEE	AL				2.31E+05	2.54E+05	1.10	1.53E+06	1.42E+06	.92	8.13E+06	1.46E+06	.18	
1	21	CHILTON	AL	1.09E+05	1.52E+05	1.39	6.97E+06	3.89E+06	.56	3.06E+06	2.08E+06	.68	3.96E+06	8.70E+05	.22	
1	23	CHOCTAW	AL							6.89E+05	4.39E+05	.64	1.54E+06	3.24E+05	.21	
1	25	CLARKE	AL							2.13E+05	2.11E+05	.99	2.20E+06	4.77E+05	.22	
1	27	CLAY	AL							6.08E+04	2.60E+04	.43	5.51E+05	1.57E+05	.29	
1	29	CLEBURNE	AL				1.21E+04	9.00E+03	.73	1.01E+05	3.90E+04	.38	7.11E+05	2.25E+05	.32	
1	31	COFFEE	AL				2.43E+04	1.80E+04	.73	7.22E+07	1.29E+07	.18	1.38E+07	2.69E+06	.19	
1	33	COLBERT	AL							1.40E+05	1.66E+05	1.19	9.79E+06	1.46E+06	.15	
1	35	CONECUH	AL							7.44E+06	1.44E+06	.19	8.32E+06	1.98E+06	.23	
1	37	COOSA	AL							9.85E+04	4.50E+04	.46	1.92E+05	5.76E+04	.30	
1	39	COVINGTON	AL				4.84E+04	2.90E+04	.60	3.21E+07	5.48E+06	.18	1.54E+07	2.57E+06	.17	
1	41	CRENSHAW	AL	1.34E+05	1.86E+05	1.39	1.62E+04	6.00E+03	.40	3.39E+07	6.92E+06	.20	8.50E+06	2.01E+06	.24	
1	43	CULLMAN	AL	1.74E+05	2.56E+05	1.47	8.30E+05	6.50E+05	.78	1.15E+07	1.31E+07	1.14	8.96E+06	2.05E+06	.23	
1	45	DALE	AL				3.24E+04	3.10E+04	.96	4.81E+07	9.75E+06	.20	8.50E+06	1.96E+06	.23	
1	47	DALLAS	AL	1.50E+05	2.08E+05	1.39	5.54E+05	2.50E+05	.45	2.10E+06	2.39E+05	.11	1.53E+07	2.66E+06	.17	
1	49	DE KALB	AL	5.02E+05	9.44E+05	1.88	1.00E+06	6.19E+05	.62	1.75E+07	2.69E+07	1.54	1.84E+07	5.87E+06	.32	
1	51	ELMORE	AL	3.60E+04	5.10E+04	1.39	1.66E+05	7.90E+04	.48	2.02E+06	8.42E+05	.42	5.57E+06	9.76E+05	.17	
1	53	ESCAMBIA	AL				7.69E+04	2.30E+04	.30	2.84E+06	2.40E+06	.84	2.30E+07	5.12E+06	.22	
1	55	ETOWAH	AL				5.95E+05	3.79E+05	.64	6.55E+05	4.17E+05	.64	4.59E+06	9.82E+05	.21	
1	57	FAYETTE	AL							3.07E+05	1.08E+05	.35	2.93E+06	5.76E+05	.20	
1	59	FRANKLIN	AL				8.09E+04	2.80E+04	.34	9.32E+04	3.20E+04	.34	4.62E+06	1.02E+06	.22	
1	61	GENEVA	AL				3.90E+06	2.59E+06	.66	6.05E+07	1.21E+07	.20	2.34E+07	4.52E+06	.19	
1	63	GREENE	AL							7.48E+05	3.64E+05	.49	3.05E+06	5.48E+05	.18	
1	65	HALE	AL				3.64E+04	2.00E+04	.55	5.34E+05	8.40E+04	.16	8.45E+06	1.44E+06	.17	
1	67	HENRY	AL							9.50E+07	2.03E+07	.21	1.22E+07	3.15E+06	.26	
1	69	HOUSTON	AL	1.09E+05	2.93E+05	2.68	1.95E+06	1.31E+06	.67	1.07E+08	2.52E+07	.24	2.45E+07	4.81E+06	.20	
1	71	JACKSON	AL	4.00E+04	5.60E+04	1.39	1.06E+06	6.02E+05	.57	1.48E+07	1.97E+07	1.33	2.44E+07	5.65E+06	.23	
1	73	JEFFERSON	AL	1.17E+06	1.64E+06	1.41	2.10E+05	2.51E+05	1.19	2.59E+05	9.70E+04	.37	3.46E+05	7.52E+04	.22	1.18E+04
1	75	LAMAR	AL				2.43E+04	1.80E+04	.73	3.28E+05	3.20E+04	.10	3.21E+06	4.87E+05	.15	
1	77	LAUDERDALE	AL	1.20E+04	3.80E+04	3.13	7.28E+04	4.20E+04	.58	9.32E+05	4.43E+05	.48	1.39E+07	2.14E+06	.15	
1	79	LAURENCE	AL				1.17E+05	8.20E+04	.70	2.83E+05	1.73E+05	.61	1.58E+07	2.42E+06	.15	
1	81	LEE	AL							1.15E+06	1.57E+05	.14	3.03E+06	4.02E+05	.13	
1	83	LIMESTONE	AL				7.50E+05	2.75E+05	.37	3.20E+05	1.83E+05	.57	1.88E+07	3.01E+06	.16	
1	85	LOWNDES	AL				6.60E+05	2.72E+05	.41	7.54E+05	8.90E+04	.12	5.70E+06	9.68E+05	.17	
1	87	MACON	AL				4.05E+03	3.00E+03	.73	3.48E+06	2.23E+05	.06	6.09E+06	8.89E+05	.15	
1	89	MADISON	AL				8.18E+04	5.20E+04	.64	9.30E+05	3.00E+05	.32	2.44E+07	3.96E+06	.16	
1	91	MARENGO	AL				4.86E+04	2.10E+04	.42	9.83E+04	1.60E+04	.17	1.12E+07	2.12E+06	.19	
1	93	MARION	AL				2.35E+05	1.20E+05	.51	2.59E+05	1.16E+05	.45	5.20E+06	9.90E+05	.19	
1	95	MARSHALL	AL				4.99E+05	2.54E+05	.51	1.19E+06	1.27E+06	1.07	1.16E+07	2.71E+06	.23	1.79E+03
1	97	MOBILE	AL	8.42E+05	2.16E+06	2.56	3.72E+05	2.46E+05	.66	2.35E+07	9.35E+06	.40	1.11E+07	2.66E+06	.24	4.15E+04
1	99	MONROE	AL							1.57E+06	9.50E+04	.06	1.15E+07	2.50E+06	.22	
1	101	MONTGOMERY	AL	2.51E+05	3.49E+05	1.39	4.05E+04	4.70E+04	1.15	3.52E+06	1.23E+05	.04	8.40E+06	1.36E+06	.16	1.28E+05

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
1	103	MORGAN	AL				1.54E+05	9.20E+04	.60	1.44E+06	1.24E+06	.76	6.93E+06	1.13E+06	.16	
1	105	PERRY	AL				1.78E+05	1.96E+05	1.10	9.44E+05	1.33E+05	.14	9.08E+06	1.59E+06	.18	
1	107	PICKENS	AL				1.62E.04	3.00E+03	.21	1.73E+06	2.80E+05	.16	8.77E+06	1.51E+06	.17	
1	109	PIKE	AL							6.41E+07	1.14E+07	.18	8.05E+06	1.74E+06	.22	
1	111	RANDOLPH	AL				1.40E+05	5.70E+04	.41	2.40E+05	9.30E+04	.39	1.41E+06	4.51E+05	.28	
1	113	RUSSELL	AL							7.53E+06	1.36E+06	.18	4.44E+06	7.41E+05	.16	
1	115	ST CLAIR	AL				4.43E+06	3.26E+06	.74	1.70E+05	9.90E+04	.58	6.95E+05	1.52E+05	.22	3.60E+02
1	117	SHELBY	AL				2.31E+05	6.20E+04	.27	3.59E+05	1.18E+05	.33	2.00E+06	2.89E+05	.14	
1	119	SUMTER	AL							4.93E+05	3.94E+05	.80	6.81E+06	1.12E+06	.16	
1	121	TALLADEGA	AL				1.38E+05	1.00E+05	.73	2.15E+05	1.10E+05	.51	5.15E+06	9.08E+05	.18	
1	123	TALLAPOOSA	AL				4.05E+03	3.00E+03	.73	1.76E+06	6.40E+04	.04	9.88E+05	6.80E+04	.07	1.38E+03
1	125	TUSCALOOSA	AL				3.24E+04	1.80E+04	.56	5.21E+05	3.55E+05	.68	4.92E+06	9.91E+05	.20	
1	127	WALKER	AL	7.77E+05	1.08E+06	1.39	1.21E+04	9.00E+03	.73	5.45E+04	3.10E+04	.58	1.38E+06	2.94E+05	.21	
1	129	WASHINGTON	AL							8.58E+05	6.44E+05	.75	3.10E+06	5.99E+05	.19	
1	131	WILCOX	AL				1.54E+05	1.34E+05	.87	7.36E+05	2.48E+05	.34	7.63E+06	1.13E+06	.15	
1	133	WINSTON	AL							6.12E+04	5.10E+04	.83	1.04E+06	2.39E+05	.23	
4	0		AZ	1.64E+08	3.60E+08	2.19	2.58E+07	2.50E+07	.97	4.33E+08	6.49E+08	1.50	3.38E+08	1.32E+08	.39	1.61E+06
4	1	APACHE	AZ										7.45E+05	8.20E+03	.01	
4	3	COCHISE	AZ	6.84E+05	1.62E+06	2.37	3.86E+06	1.06E+06	.37	1.56E+07	6.13E+06	.39	2.61E+07	7.99E+06	.31	
4	5	COCONINO	AZ				1.62E+04	4.00E+03	.22							
4	7	GILA	AZ							3.16E+03	1.00E+03	.21				
4	9	GRAHAM	AZ										1.72E+07	5.97E+06	.35	2.80E+05
4	11	GREENLEE	AZ				1.29E+04	1.00E+03	.05	5.50E+04	5.00E+03	.09	2.13E+06	4.45E+05	.21	
4	13	MARICOPA	AZ	5.99E+07	1.16E+08	1.93	1.58E+07	1.87E+07	1.18	2.02E+08	2.88E+08	1.43	1.17E+09	4.96E+07	.42	2.97E+05
4	15	MOHAVE	AZ										2.91E+05	1.51E+04	.05	
4	17	NAVAJO	AZ							1.38E+05	1.41E+05	1.02	4.90E+05	5.06E+04	.10	
4	19	PIMA	AZ	2.80E+06	6.64E+06	2.37	3.02E+04	4.50E+04	2.20	1.90E+07	5.93E+05	.03	1.59E+07	5.70E+06	.36	
4	21	PINAL	AZ	1.45E+07	3.43E+07	2.37	4.13E+05	2.67E+05	.65	4.77E+07	1.13E+07	.24	9.34E+07	3.46E+07	.37	1.51E+05
4	23	SANTA CRUZ	AZ										5.31E+05	2.02E+05	.38	
4	25	YAVAPAI	AZ				6.58E+05	6.84E+05	1.04	6.26E+05	6.87E+05	1.10	1.47E+06	5.71E+05	.39	
4	27	YUMA	AZ	8.00E+07	1.90E+08	2.37	9.90E+04	6.00E+04	.61	1.26E+08	2.97E+08	2.37	4.14E+07	2.63E+07	.63	7.90E+05
5	0		AR	1.37E+07	1.60E+07	1.17	5.17E+07	3.61E+07	.70	7.61E+08	3.83E+08	.51	1.34E+09	1.92E+08	.14	9.93E+05
5	1	ARKANSAS	AR							1.03E+08	5.52E+07	.54	5.39E+07	1.03E+07	.19	
5	3	ASHLEY	AR				2.75E+05	3.11E+05	1.13	1.26E+07	6.21E+06	.49	1.47E+07	1.90E+06	.13	
5	5	BAXTER	AR							6.31E+03		.04	1.63E+05	1.75E+04	.11	
5	7	BENTON	AR				8.26E+06	5.59E+06	.68	7.69E+04	7.50E+04	.98	2.20E+06	3.40E+05	.15	1.04E+03
5	9	BOONE	AR							1.62E+04	1.00E+04	.65	1.17E+05	1.59E+04	.14	
5	11	BRADLEY	AR				2.57E+06	2.90E+06	1.13	1.79E+05	8.80E+04	.49	2.07E+05	3.77E+04	.18	
5	13	CALHOUN	AR							2.25E+04	1.50E+04	.68	1.28E+05	2.48E+04	.19	
5	15	CARROLL	AR				5.49E+05	4.99E+05	.91	9.71E+04	5.90E+04	.61	2.32E+05	3.69E+04	.16	1.47E+04
5	17	CHICOT	AR				9.82E+05	1.28E+06	1.30	2.22E+07	1.16E+07	.52	4.72E+07	7.25E+06	.15	
5	19	CLARK	AR							1.35E+06	7.84E+05	.58	5.62E+06	7.00E+05	.12	
5	21	CLAY	AR				1.21E+04	2.00E+03	.17	1.61E+07	7.76E+06	.48	6.49E+07	9.43E+06	.15	1.33E+05
5	23	CLEBURNE	AR				3.24E+04	9.00E+03	.27	2.57E+04	1.10E+04	.45	7.61E+05	9.34E+04	.12	
5	25	CLEVELAND	AR				1.13E+05	1.20E+05	1.06	1.25E+05	1.60E+05	1.28	2.51E+05	4.06E+04	.16	
5	27	COLUMBIA	AR							4.68E+04	7.70E+04	1.65	8.18E+04	6.90E+03	.08	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ----			----- EXPOSED PRODUCE ----			---- PROTECTED PRODUCE ---			----- GRAIN FOR FOOD -----			HONEY
				AREA	PRODUCTION	PRODUCTIVITY	AREA	PRODUCTION	PRODUCTIVITY	AREA	PRODUCTION	PRODUCTIVITY	AREA	PRODUCTION	PRODUCTIVITY	PROD.
				M**2	KG	KG/M**2	M**2	KG	KG/M**2	M**2	KG	KG/M**2	M**2	KG	KG/M**2	KG
5	29	CONWAY	AR				8.83E+04	3.90E+04	.44	2.02E+05	9.60E+04	.48	7.00E+06	1.03E+06	.15	
5	31	CRAIGHEAD	AR				1.21E+04	1.40E+04	1.13	3.56E+07	2.01E+07	.57	6.51E+07	8.99E+06	.14	
5	33	CRAWFORD	AR	1.00E+07	1.17E+07	1.16	3.82E+06	4.79E+06	1.25	6.67E+06	4.10E+06	.62	8.94E+06	1.33E+06	.15	4.44E+02
5	35	CRITTENDEN	AR				4.45E+04	4.90E+04	1.10	1.22E+07	4.63E+06	.38	8.76E+07	1.31E+07	.15	
5	37	CROSS	AR	2.47E+05	2.72E+05	1.10	1.26E+06	3.56E+05	.28	5.76E+07	3.00E+07	.52	6.08E+07	9.68E+06	.16	
5	39	DALLAS	AR	1.50E+05	2.22E+05	1.48				1.13E+04	1.20E+04	1.05	4.44E+05	3.10E+04	.07	
5	41	DESHA	AR							2.45E+07	1.27E+07	.52	3.81E+07	5.00E+06	.13	8.01E+04
5	43	DREW	AR				2.62E+05	2.29E+05	1.13	6.56E+06	3.33E+06	.51	1.11E+07	1.40E+06	.13	
5	45	FAULKNER	AR							8.20E+05	3.09E+05	.38	3.88E+06	4.90E+05	.13	
5	47	FRANKLIN	AR				2.75E+06	1.77E+06	.64	1.23E+06	6.42E+05	.52	1.88E+06	2.71E+05	.14	4.74E+02
5	49	FULTON	AR							8.69E+03	8.00E+03	.96	3.22E+05	4.25E+04	.13	
5	51	GARLAND	AR							1.85E+04	5.00E+03	.28				
5	53	GRANT	AR	2.23E+05	3.35E+05	1.51				1.53E+05	1.98E+05	1.29	1.01E+05	1.19E+04	.12	
5	55	GREENE	AR							1.36E+07	6.13E+06	.45	4.40E+07	5.83E+06	.13	
5	57	HEMPSTEAD	AR				8.84E+05	3.75E+05	.42	1.99E+06	3.06E+05	.15	3.47E+06	4.46E+05	.13	6.96E+02
5	59	HOT SPRING	AR							6.74E+05	2.08E+05	.31	7.08E+05	7.36E+04	.10	
5	61	HOWARD	AR				1.39E+06	9.49E+05	.68	1.21E+04	9.00E+03	.75	4.72E+05	4.36E+04	.09	
5	63	INDEPENDENCE	AR				4.76E+05	3.37E+05	.71	2.61E+06	1.49E+06	.57	2.08E+07	3.12E+06	.15	
5	65	IZARD	AR							7.20E+03	4.00E+03	.51	4.69E+05	4.54E+04	.14	
5	67	JACKSON	AR							4.18E+07	2.16E+07	.52	6.42E+07	8.37E+06	.13	
5	69	JEFFERSON	AR	4.90E+04	5.30E+04	1.10	2.23E+05	8.90E+04	.40	2.47E+07	1.26E+07	.51	2.84E+07	3.27E+06	.11	
5	71	JOHNSON	AR				2.10E+06	1.14E+06	.54	8.50E+04	8.30E+04	.98	2.30E+06	3.74E+05	.16	
5	73	LAFAYETTE	AR							4.25E+06	1.74E+06	.41	4.86E+06	5.25E+05	.11	
5	75	LAWRENCE	AR							2.02E+07	1.14E+07	.56	3.48E+07	4.42E+06	.13	
5	77	LEE	AR				1.24E+06	7.09E+05	.57	1.41E+07	6.31E+06	.45	4.99E+07	6.70E+06	.13	
5	79	LINCOLN	AR				1.43E+05	5.90E+04	.41	2.15E+07	1.05E+07	.49	1.77E+07	2.01E+06	.11	
5	81	LITTLE RIVER	AR							4.97E+06	9.07E+05	.18	6.47E+06	7.00E+05	.11	
5	83	LOGAN	AR							4.36E+04	2.90E+04	.65	2.27E+06	3.93E+05	.17	
5	85	LONOKE	AR							6.06E+07	3.13E+07	.52	3.93E+07	5.71E+06	.15	
5	87	MADISON	AR				8.90E+04	1.01E+05	1.13	1.49E+05	1.23E+05	.82	3.33E+05	5.41E+04	.16	
5	89	MARION	AR				5.26E+04	5.00E+03	.10	1.78E+05	1.58E+05	.89	1.83E+04	2.10E+03	.11	
5	91	MILLER	AR				1.17E+05	2.40E+04	.20	3.89E+05	5.50E+04	.14	1.10E+07	1.22E+06	.11	
5	93	MISSISSIPPI	AR							5.41E+06	2.51E+06	.46	1.39E+08	2.14E+07	.15	
5	95	MONROE	AR				7.69E+04	8.50E+04	1.10	1.90E+07	9.25E+06	.49	2.77E+07	3.50E+06	.13	
5	97	MONTGOMERY	AR							3.78E+04	4.20E+04	1.11	1.82E+04	1.20E+03	.07	
5	99	NEVADA	AR				4.05E+03	5.00E+03	1.13	6.58E+05	4.66E+05	.71	1.15E+06	1.89E+05	.16	
5	101	NEWTON	AR							1.53E+05	2.26E+05	1.48	4.76E+04	2.00E+02		
5	103	OUACHITA	AR				3.50E+05	9.80E+04	.28	7.75E+04	3.00E+04	.39	7.97E+05	8.36E+04	.10	
5	105	PERRY	AR							2.12E+06	9.62E+05	.45	1.70E+06	2.28E+05	.13	
5	107	PHILLIPS	AR				1.86E+05	1.78E+05	.96	1.01E+07	2.82E+06	.28	5.86E+07	7.45E+06	.13	
5	109	PIKE	AR							1.04E+04	3.00E+03	.30	6.03E+05	8.96E+04	.15	
5	111	POINSETT	AR							5.71E+07	3.36E+07	.59	6.40E+07	9.77E+06	.15	
5	113	POLK	AR							8.09E+03	1.00E+04	1.20	1.61E+04	7.80E+03	.48	
5	115	POPE	AR				1.13E+06	4.45E+05	.39	1.90E+05	2.10E+05	1.10	4.27E+06	6.19E+05	.14	
5	117	PRAIRIE	AR							5.58E+07	3.00E+07	.54	4.14E+07	6.91E+06	.17	
5	119	PULASKI	AR	2.43E+05	2.80E+05	1.15	1.50E+05	3.01E+05	2.01	2.90E+06	1.10E+06	.38	1.38E+07	1.87E+06	.14	3.00E+04
5	121	RANDOLPH	AR							5.10E+06	2.03E+06	.40	1.73E+07	2.49E+06	.14	
5	123	ST FRANCIS	AR				1.41E+06	1.01E+06	.72	2.70E+07	1.28E+07	.47	5.67E+07	8.29E+06	.15	
5	125	SALINE	AR				2.43E+04	4.00E+04	1.65	1.92E+05	6.00E+04	.31	2.27E+05	2.04E+04	.09	
5	127	SCOTT	AR							6.79E+04	5.40E+04	.79	1.77E+05	1.62E+04	.09	
5	129	SEARCY	AR	4.00E+03	1.30E+04	3.13	1.78E+05	1.27E+05	.71	2.36E+05	9.30E+04	.39	5.58E+04	7.40E+03	.13	
5	131	SEBASTIAN	AR	3.20E+04	9.10E+04	2.81	2.43E+05	3.44E+05	1.42	1.03E+05	1.28E+05	1.24	9.25E+05	1.45E+05	.16	
5	133	SEVIER	AR							1.21E+04	8.00E+03	.65	1.09E+05	1.02E+04	.09	
5	135	SHARP	AR							5.62E+05	4.93E+05	.88	7.01E+05	1.45E+05	.21	
5	137	STONE	AR				8.09E+03	9.00E+03	1.11	9.71E+04	1.51E+05	1.55	1.33E+04	1.50E+03	.11	
5	139	UNION	AR				1.25E+05	1.42E+05	1.13	3.44E+04	1.90E+04	.56	8.33E+04	8.70E+03	.10	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
5	141	VAN BUREN	AR				5.67E+04	6.40E+04	1.12	2.83E+05	2.72E+05	.96	6.90E+04	1.13E+04	.16	
5	143	WASHINGTON	AR				7.67E+06	5.33E+06	.69	7.28E+04	6.00E+04	.82	8.32E+05	1.37E+05	.16	
5	145	WHITE	AR				1.27E+06	1.50E+06	1.18	3.84E+06	2.16E+06	.56	3.61E+07	4.79E+06	.13	
5	147	WOODRUFF	AR							3.96E+07	2.01E+07	.51	5.49E+07	7.20E+06	.13	
5	149	YELL	AR				6.07E+04	3.00E+04	.49	5.43E+05	2.56E+05	.47	6.14E+06	8.62E+05	.14	
6	0		CA	1.19E+09	3.04E+09	2.55	4.79E+09	1.10E+10	2.29	6.24E+09	6.26E+09	1.00	2.42E+09	7.43E+08	.31	1.69E+07
6	1	ALAMEDA	CA	1.02E+07	1.98E+07	1.95	1.08E+07	1.79E+07	1.66	1.08E+07	3.46E+06	.32	6.88E+06	1.16E+06	.17	
6	3	ALPINE	CA													
6	5	AMADOR	CA				3.07E+06	1.83E+06	.60	1.73E+06	7.10E+04	.04	3.68E+05	6.73E+04	.18	
6	7	BUTTE	CA				5.98E+07	1.00E+08	1.67	2.68E+08	8.76E+07	.33	3.68E+07	9.99E+06	.27	1.57E+05
6	9	CALAVERAS	CA				2.03E+05	4.40E+04	.22	1.51E+06	7.30E+04	.05	1.61E+05	3.75E+04	.23	
6	11	COLUSA	CA				5.62E+07	1.85E+08	3.29	2.75E+08	1.00E+08	.36	7.19E+07	2.09E+07	.29	6.92E+04
6	13	CONTRA COSTA	CA	9.06E+06	2.62E+07	2.90	2.77E+07	9.25E+07	3.34	4.41E+07	1.15E+07	.26	1.14E+07	4.07E+06	.36	
6	15	DEL NORTE	CA													
6	17	EL DORADO	CA				9.84E+06	1.32E+07	1.35	8.20E+05	3.00E+04	.04				
6	19	FRESNO	CA	4.46E+07	1.16E+08	2.60	9.98E+08	1.98E+09	1.98	4.75E+08	5.94E+08	1.25	3.68E+08	1.32E+08	.36	1.87E+06
6	21	GLENN	CA				3.10E+07	7.03E+07	2.27	1.83E+08	7.15E+07	.39	8.10E+07	1.98E+07	.24	9.87E+05
6	23	HUMBOLDT	CA				4.10E+05	9.86E+05	2.40	5.52E+06	1.36E+07	2.47				
6	25	IMPERIAL	CA	1.85E+08	5.34E+08	2.88	2.62E+07	6.16E+07	2.36	3.38E+08	3.90E+08	1.15	1.39E+08	6.33E+07	.46	1.13E+06
6	27	INYO	CA													4.32E+04
6	29	KERN	CA	1.84E+07	5.34E+07	2.91	3.44E+08	5.53E+08	1.61	5.39E+08	1.04E+09	1.92	1.42E+08	3.91E+07	.27	3.83E+05
6	31	KINGS	CA				3.23E+07	6.06E+07	1.87	1.61E+08	2.79E+07	.17	2.55E+08	9.26E+07	.36	4.35E+05
6	33	LAKE	CA				2.93E+07	6.37E+07	2.17	2.48E+07	7.84E+05	.03	8.73E+05	1.68E+05	.19	
6	35	LASSEN	CA							1.62E+04	2.20E+04	1.38	8.72E+06	1.31E+06	.15	
6	37	LOS ANGELES	CA	4.02E+06	6.68E+06	1.66	7.05E+06	1.12E+07	1.59	2.72E+07	4.19E+07	1.54	3.60E+07	7.28E+06	.20	4.41E+05
6	39	MADERA	CA				1.84E+08	3.19E+08	1.74	8.08E+07	4.66E+07	.58	5.60E+07	1.35E+07	.24	2.58E+05
6	41	MARIN	CA							6.47E+04	5.20E+04	.81	2.96E+04	5.30E+03	.18	
6	43	MARIPOSA	CA							5.58E+05	6.60E+04	.12	1.30E+04	3.40E+03	.26	
6	45	MENDOCINO	CA				4.43E+07	7.29E+07	1.65	8.85E+05	1.83E+05	.21	1.32E+05	1.39E+04	.10	
6	47	MERCED	CA				1.33E+08	3.71E+08	2.78	3.25E+08	1.28E+08	.39	5.52E+07	1.66E+07	.30	1.10E+06
6	49	MODOC	CA							2.43E+07	9.16E+07	3.77	3.84E+07	1.25E+07	.33	
6	51	MONO	CA							2.91E+05	1.43E+05	.49	4.51E+03	1.00E+03	.22	
6	53	MONTEREY	CA	5.27E+08	1.30E+09	2.47	1.11E+08	2.25E+08	2.03	1.88E+08	2.04E+08	1.08	9.28E+07	2.26E+07	.24	3.30E+04
6	55	NAPA	CA				5.79E+07	7.17E+07	1.24	1.66E+06	1.22E+05	.07	8.56E+05	1.54E+05	.18	
6	57	NEVADA	CA				4.61E+05	5.27E+05	1.14							
6	59	ORANGE	CA	9.55E+06	3.92E+07	4.10	3.25E+07	1.04E+08	3.20	5.06E+07	1.21E+08	2.38	1.23E+07	1.93E+06	.16	5.10E+04
6	61	PLACER	CA				1.09E+07	9.34E+06	.86	7.36E+06	3.98E+06	.54	1.41E+07	2.73E+06	.19	
6	63	PLUMAS	CA							4.05E+03	7.00E+03	1.68	1.15E+05	1.33E+04	.12	
6	65	RIVERSIDE	CA	4.01E+07	1.03E+08	2.58	6.26E+07	1.13E+08	1.81	2.57E+08	4.63E+08	1.80	1.02E+08	2.39E+07	.23	2.85E+06
6	67	SACRAMENTO	CA	1.25E+06	3.17E+06	2.54	7.39E+07	2.78E+08	3.75	8.85E+07	3.13E+07	.35	4.72E+07	2.09E+07	.44	7.81E+04
6	69	SAN BENITO	CA	5.04E+06	1.47E+07	2.92	7.81E+07	2.44E+08	3.12	2.59E+07	1.17E+07	.45	1.70E+07	3.68E+06	.22	1.86E+04
6	71	SAN BERNARDI	CA	1.15E+06	2.78E+06	2.42	5.23E+07	4.87E+07	.93	3.45E+07	5.83E+07	1.69	5.38E+06	1.11E+06	.21	2.12E+05
6	73	SAN DIEGO	CA	7.52E+06	2.76E+07	3.68	2.69E+07	1.16E+08	4.30	1.06E+08	1.65E+08	1.56	2.14E+07	3.32E+06	.15	8.19E+05
6	75	SAN FRANCISC	CA													
6	77	SAN JOAQUIN	CA	2.84E+06	5.07E+06	1.78	5.48E+08	1.21E+09	2.21	5.01E+08	2.03E+08	.40	9.62E+07	4.08E+07	.42	5.70E+05
6	79	SAN LUIS OBI	CA	4.89E+07	1.27E+08	2.59	8.35E+06	1.43E+07	1.72	6.69E+07	2.58E+07	.39	2.00E+08	3.77E+07	.19	1.01E+05
6	81	SAN MATEO	CA	6.67E+06	8.53E+06	1.28	1.04E+06	2.29E+06	2.20	2.07E+06	1.45E+06	.70	2.24E+06	4.08E+05	.18	
6	83	SANTA BARBAR	CA	1.04E+08	1.86E+08	1.78	1.42E+07	4.04E+07	2.85	1.14E+08	1.22E+08	1.07	1.64E+07	2.51E+06	.15	1.66E+05
6	85	SANTA CLARA	CA	6.07E+06	1.45E+07	2.38	1.01E+08	2.63E+08	2.60	2.14E+07	1.25E+07	.58	2.72E+06	6.11E+05	.22	
6	87	SANTA CRUZ	CA	1.63E+07	2.92E+07	1.79	3.71E+07	1.02E+08	2.75	2.38E+06	7.04E+05	.30	6.89E+03	2.20E+03	.32	
6	89	SHASTA	CA				2.56E+06	7.07E+05	.28	7.67E+06	5.28E+06	.69	2.24E+06	4.52E+05	.20	4.90E+05

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FD. FOOD AREA M**2	GRAIN FD. FOOD PRODUCTION KG	GRAIN FD. FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
6	91	SIERRA	CA										4.76E+05	1.08E+05	.23	
6	93	SISKIYOU	CA							2.51E+07	9.58E+07	3.81	4.82E+07	1.25E+07	.26	
6	95	SOLANO	CA				1.19E+08	4.53E+08	3.79	1.37E+08	6.02E+07	.44	6.81E+07	2.05E+07	.30	
6	97	SONOMA	CA	6.90E+04	1.73E+05	2.52	1.28E+08	1.36E+08	1.07	2.37E+06	3.12E+05	.13	3.93E+06	7.40E+05	.19	
6	99	STANISLAUS	CA	1.42E+07	2.43E+07	1.71	2.50E+08	5.84E+08	2.33	3.86E+08	1.24E+08	.33	3.01E+07	8.12E+06	.27	4.69E+05
6	101	SUTTER	CA				1.99E+08	6.27E+08	3.15	2.37E+08	8.94E+07	.38	4.07E+07	1.33E+07	.33	5.53E+05
6	103	TEHAMA	CA				3.81E+07	4.17E+07	1.09	4.33E+07	6.70E+06	.15	2.47E+07	5.17E+06	.21	3.69E+05
6	105	TRINITY	CA													
6	107	TULARE	CA				4.10E+08	6.21E+08	1.51	4.48E+08	8.85E+08	1.98	1.25E+08	3.98E+07	.32	1.60E+06
6	109	TUOLUMNE	CA													
6	111	VENTURA	CA	8.17E+07	2.83E+08	3.46	5.31E+07	2.07E+08	3.90	2.38E+08	6.67E+08	2.80	1.03E+07	1.31E+06	.13	6.55E+05
6	113	YOLO	CA	7.12E+05	1.84E+06	2.59	2.74E+08	1.29E+09	4.69	3.56E+08	1.52E+08	.43	1.19E+08	4.14E+07	.35	3.46E+05
6	115	YUBA	CA				6.39E+07	1.25E+08	1.96	3.67E+07	1.30E+07	.35	4.64E+06	1.29E+06	.28	2.26E+05
8	0		CO	2.54E+07	5.88E+07	2.31	5.94E+07	6.71E+07	1.13	1.28E+09	8.58E+08	.67	3.91E+09	7.74E+08	.20	2.94E+06
8	1	ADAMS	CO	2.69E+06	4.75E+06	1.77	3.24E+06	4.67E+06	1.44	1.51E+07	1.21E+07	.80	2.33E+08	3.69E+07	.16	
8	3	ALAMOSA	CO							1.98E+07	5.04E+07	2.55	3.20E+07	9.64E+06	.30	
8	5	ARAPAHOE	CO										6.19E+07	8.73E+06	.14	2.11E+03
8	7	ARCHULETA	CO										4.05E+05	8.31E+04	.21	
8	9	BACA	CO				3.52E+05	7.04E+05	2.00	5.40E+06	9.62E+05	.18	2.80E+08	3.38E+07	.12	
8	11	BENT	CO				1.62E+04	4.40E+04	2.70	9.27E+05	4.86E+05	.52	2.49E+07	4.31E+06	.17	2.21E+05
8	13	BOULDER	CO				3.68E+05	7.56E+05	2.05	1.24E+07	9.68E+06	.78	1.86E+07	5.05E+06	.27	1.55E+04
8	15	CHAFFEE	CO										1.26E+05	2.32E+04	.18	
8	17	CHEYENNE	CO							9.81E+06	3.42E+06	.35	1.89E+08	2.94E+07	.16	
8	19	CLEAR CREEK	CO													
8	21	CONEJOS	CO							9.26E+06	2.45E+07	2.64	3.40E+07	1.01E+07	.30	2.22E+05
8	23	COSTILLA	CO	5.06E+06	7.13E+06	1.41				6.00E+06	1.48E+07	2.47	1.09E+07	2.89E+06	.27	
8	25	CROWLEY	CO				4.78E+05	1.19E+06	2.49	1.88E+07	1.87E+06	.10	1.23E+07	3.23E+06	.26	
8	27	CUSTER	CO										4.06E+04	6.30E+03	.16	
8	29	DELTA	CO				2.07E+07	1.52E+07	.73	1.66E+07	1.31E+07	.79	1.10E+07	3.66E+06	.33	4.61E+04
8	31	DENVER	CO													
8	33	DOLORES	CO							1.14E+08	3.56E+06	.03	3.77E+07	3.68E+06	.10	
8	35	DOUGLAS	CO										9.47E+06	1.17E+06	.12	
8	37	EAGLE	CO							2.43E+04	4.10E+04	1.68	1.84E+05	4.99E+04	.27	
8	39	ELBERT	CO							7.32E+05	2.20E+04	.03	7.69E+07	9.92E+06	.13	
8	41	EL PASO	CO							4.34E+06	1.47E+05	.03	1.14E+07	9.25E+05	.08	
8	43	FREMONT	CO	1.66E+05	6.07E+05	3.66	6.52E+05	5.60E+05	.86	2.43E+04	2.70E+04	1.10	4.15E+05	2.70E+03	.01	
8	45	GARFIELD	CO				1.46E+05	4.50E+04	.31	1.13E+05	2.15E+05	1.89	4.77E+06	7.77E+05	.16	1.55E+05
8	47	GILPIN	CO													
8	49	GRAND	CO							4.05E+03	6.00E+03	1.42	1.86E+05	1.26E+04	.07	
8	51	GUNNISON	CO							1.82E+05	6.10E+04	.34	1.93E+05	1.61E+04	.08	
8	53	HINSDALE	CO													
8	55	HUERFANO	CO										3.22E+06	4.51E+05	.14	
8	57	JACKSON	CO													
8	59	JEFFERSON	CO				1.62E+04	4.40E+04	2.70	5.67E+04	6.20E+04	1.10	4.35E+06	8.94E+05	.21	
8	61	KIOWA	CO										2.36E+08	3.65E+07	.16	
8	63	KIT CARSON	CO							8.72E+07	3.47E+07	.40	3.38E+08	6.90E+07	.20	
8	65	LAKE	CO							1.00E+00						
8	67	LA PLATA	CO				7.60E+04	8.30E+04	1.09	2.33E+07	8.24E+05	.04	1.52E+07	1.70E+06	.11	1.02E+05
8	69	LARIMER	CO	3.20E+05	1.17E+06	3.66	3.36E+06	3.71E+06	1.10	3.28E+07	1.47E+07	.45	4.05E+07	1.11E+07	.27	3.02E+05
8	71	LAS ANIMAS	CO										1.47E+07	1.61E+06	.11	
8	73	LINCOLN	CO							1.24E+06	4.30E+04	.03	1.75E+08	2.97E+07	.17	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ---- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	----- EXPOSED PRODUCE ---- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	---- PROTECTED PRODUCE --- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	----- GRAIN FOR FOOD ----- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	HONEY PROD. KG
8	75	LOGAN	CO							5.08E+07	2.09E+07	.41	2.19E+08	4.51E+07	.21	
8	77	MESA	CO	4.90E+04	1.84E+05	3.79	1.27E+07	1.63E+07	1.28	1.53E+07	7.95E+06	.52	9.97E+06	4.03E+06	.40	
8	79	MINERAL	CO							1.00E+00						
8	81	MOFFAT	CO							4.45E+04	2.30E+04	.52	4.59E+07	5.90E+06	.13	
8	83	MONTEZUMA	CO				9.14E+05	3.48E+05	.38	1.28E+08	4.63E+06	.04	3.12E+07	3.41E+06	.11	
8	85	MONTROSE	CO				1.22E+06	1.74E+06	1.43	2.57E+07	1.69E+07	.66	2.22E+07	7.14E+06	.32	2.32E+04
8	87	MORGAN	CO				3.84E+05	7.69E+05	2.00	8.00E+07	5.35E+07	.67	1.08E+08	3.01E+07	.28	1.26E+05
8	89	OTERO	CO	3.76E+05	9.82E+05	2.61	2.59E+06	6.21E+06	2.40	2.00E+07	2.59E+07	1.29	9.77E+06	4.06E+06	.42	
8	91	OURAY	CO										4.82E+05	8.48E+04	.18	
8	93	PARK	CO							4.05E+03	1.00E+03	.34				
8	95	PHILLIPS	CO				2.43E+04	1.80E+04	.75	4.88E+07	1.57E+07	.32	1.82E+08	4.46E+07	.25	
8	97	PITKIN	CO													
8	99	PROWERS	CO							1.33E+07	1.54E+07	1.16	1.94E+08	3.26E+07	.17	
8	101	PUEBLO	CO	9.59E+05	1.68E+06	1.75	2.96E+06	4.39E+06	1.48	5.47E+07	1.33E+07	.24	1.73E+07	2.75E+06	.16	
8	103	RIO BLANCO	CO							1.21E+04	9.00E+03	.77	1.28E+07	1.92E+07	.15	
8	105	RIO GRANDE	CO	1.36E+06	3.55E+06	2.61				8.90E+07	2.22E+08	2.50	5.97E+07	1.92E+07	.32	
8	107	ROUTT	CO							1.62E+04	2.00E+04	1.21	3.35E+07	5.19E+06	.15	
8	109	SAGUACHE	CO							2.76E+07	6.52E+07	2.36	3.33E+07	1.01E+07	.30	1.11E+05
8	111	SAN JUAN	CO													
8	113	SAN MIGUEL	CO							7.06E+06	2.33E+05	.03	2.00E+06	2.87E+05	.14	
8	115	SEDGWICK	CO							2.78E+07	8.72E+06	.31	1.04E+08	2.33E+07	.23	
8	117	SUMMIT	CO													
8	119	TELLER	CO													
8	121	WASHINGTON	CO							1.48E+07	4.51E+06	.30	3.72E+08	7.46E+07	.20	
8	123	WELD	CO	9.83E+05	3.32E+06	3.38	7.33E+06	8.81E+06	1.20	2.31E+08	1.66E+08	.72	3.36E+08	7.47E+07	.22	6.94E+05
8	125	YUMA	CO							6.18E+07	2.45E+07	.40	2.38E+08	6.89E+07	.29	
9	0		CT	3.23E+06	6.40E+06	1.98	2.78E+07	3.44E+07	1.24	3.09E+07	4.44E+07	1.44	1.74E+06	6.23E+05	.36	1.53E+04
9	1	FAIRFIELD	CT	8.50E+04	1.68E+05	1.98	1.76E+06	2.42E+06	1.38	2.43E+06	2.16E+06	.89	2.37E+04	1.31E+04	.55	
9	3	HARTFORD	CT	1.72E+06	3.48E+06	2.03	9.79E+06	1.20E+07	1.22	1.72E+07	2.75E+07	1.59	5.76E+05	1.49E+05	.26	
9	5	LITCHFIELD	CT	4.00E+04	9.40E+04	2.32	1.97E+06	2.12E+06	1.08	1.48E+06	1.55E+06	1.05	3.88E+05	1.92E+05	.49	
9	7	MIDDLESEX	CT	1.20E+04	2.80E+04	2.32	1.35E+06	1.51E+06	1.12	5.95E+05	4.69E+05	.79	6.50E+04	3.38E+04	.52	
9	9	NEW HAVEN	CT	8.78E+05	1.81E+06	2.06	7.67E+06	9.52E+06	1.24	3.29E+06	3.12E+06	.95	9.69E+04	3.43E+04	.35	
9	11	NEW LONDON	CT	7.70E+04	1.46E+05	1.90	1.96E+06	2.48E+06	1.26	3.08E+06	2.95E+06	.96	2.11E+05	1.03E+05	.49	
9	13	TOLLAND	CT	2.10E+05	3.34E+05	1.59	8.61E+05	9.46E+05	1.10	2.08E+06	5.78E+06	2.77	1.93E+05	3.14E+04	.16	
9	15	WINDHAM	CT	3.20E+04	7.50E+04	2.32	1.79E+06	2.98E+06	1.67	6.56E+05	7.72E+05	1.18	1.90E+05	6.92E+04	.36	
10	0		DE	3.14E+06	9.20E+06	2.93	5.72E+07	4.99E+07	.87	1.37E+08	1.08E+08	.79	2.03E+08	5.72E+07	.28	4.80E+02
10	1	KENT	DE	2.88E+06	8.56E+06	2.97	2.30E+07	2.22E+07	.96	6.62E+07	6.50E+07	.98	6.14E+07	1.70E+07	.28	4.80E+02
10	3	NEW CASTLE	DE	1.98E+05	4.86E+05	2.45	1.80E+06	3.53E+06	1.96	9.77E+06	1.35E+07	1.38	2.90E+07	9.64E+06	.33	
10	5	SUSSEX	DE	5.30E+04	1.57E+05	2.98	2.33E+07	2.00E+07	.86	5.83E+07	2.17E+07	.37	1.13E+08	3.09E+07	.27	
12	0		FL	1.61E+08	4.25E+08	2.64	4.00E+08	6.23E+08	1.56	5.09E+09	7.58E+09	1.49	2.02E+08	4.81E+07	.24	4.78E+06
12	1	ALACHUA	FL	2.00E+04	2.50E+04	1.26	8.13E+06	9.30E+06	1.14	1.77E+07	2.02E+07	1.14	1.06E+07	3.58E+06	.34	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
12	3	BAKER	FL				2.02E+05	3.04E+05	1.50	1.53E+04	2.10E+04	1.39	1.02E+06	3.36E+05	.33	
12	5	BAY	FL							3.24E+05	6.40E+05	1.98	1.44E+06	2.15E+05	.15	
12	7	BRADFORD	FL	2.27E+05	2.86E+05	1.26	2.10E+05	2.55E+05	1.21	1.39E+06	1.39E+06	1.00	1.86E+05	1.80E+04	.10	
12	9	BREVARD	FL							6.25E+07	9.95E+07	1.59				1.42E+05
12	11	BROWARD	FL				2.52E+07	3.02E+07	1.20	7.35E+06	7.59E+06	1.03				4.01E+04
12	13	CALHOUN	FL							6.73E+06	4.17E+06	.62	6.69E+06	1.28E+06	.19	
12	15	CHARLOTTE	FL							2.61E+07	3.49E+07	1.34				
12	17	CITRUS	FL							5.64E+06	1.37E+07	2.42	4.83E+04	5.60E+03	.12	
12	19	CLAY	FL	6.10E+04	7.60E+04	1.26										
12	21	COLLIER	FL				4.85E+07	9.51E+07	1.96	1.96E+07	3.38E+07	1.72				1.83E+05
12	23	COLUMBIA	FL				1.13E+05	1.82E+05	1.61	4.46E+06	4.43E+06	.99	1.04E+07	2.96E+06	.28	
12	25	DADE	FL	1.72E+06	4.09E+06	2.37	8.30E+07	1.65E+08	1.99	8.31E+07	1.42E+08	1.71	3.79E+06	2.14E+06	.57	9.00E+04
12	27	DE SOTO	FL				9.71E+05	1.46E+06	1.50	1.01E+08	1.61E+08	1.60	5.47E+04	4.90E+03	.09	
12	29	DIXIE	FL										1.29E+05	3.39E+04	.26	
12	31	DUVAL	FL				8.50E+04	2.00E+04	.24	3.84E+05	2.00E+03	.01	4.61E+04	2.10E+04	.46	
12	33	ESCAMBIA	FL							1.21E+06	4.22E+05	.35	1.58E+07	3.83E+06	.24	
12	35	FLAGLER	FL	7.05E+06	1.90E+07	2.69				1.28E+07	2.50E+07	1.96				
12	37	FRANKLIN	FL													
12	39	GADSDEN	FL	1.21E+05	1.53E+05	1.26	2.40E+06	1.13E+06	.47	6.00E+06	9.56E+05	.16	4.15E+06	1.09E+06	.26	
12	41	GILCHRIST	FL				4.86E+04	7.30E+04	1.50	1.35E+07	2.22E+07	1.64	5.86E+06	1.39E+06	.24	
12	43	GLADES	FL							4.20E+07	4.11E+07	.98				
12	45	GULF	FL										1.95E+06	3.40E+05	.17	1.82E+05
12	47	HAMILTON	FL							2.31E+06	2.19E+06	.95	1.11E+07	3.20E+06	.29	2.44E+04
12	49	HARDEE	FL				7.12E+06	1.06E+07	1.49	1.46E+08	3.06E+08	2.10				
12	51	HENDRY	FL				1.10E+07	2.20E+07	2.00	4.19E+08	4.22E+08	1.01				
12	53	HERNANDO	FL				1.62E+04	6.00E+03	.40	2.47E+07	4.29E+07	1.74				
12	55	HIGHLANDS	FL				4.09E+05	6.13E+05	1.50	1.20E+08	2.73E+08	2.28				
12	57	HILLSBOROUGH	FL	3.56E+06	7.63E+06	2.14	2.31E+07	4.84E+07	2.10	1.53E+08	2.96E+08	1.93	1.09E+05	2.71E+04	.25	7.42E+04
12	59	HOLMES	FL				7.28E+04	1.84E+05	2.52	1.13E+07	6.38E+06	.56	6.21E+06	1.20E+06	.19	
12	61	INDIAN RIVER	FL	4.00E+03	1.10E+04	2.69	4.05E+04	1.02E+05	2.52	2.03E+08	2.01E+08	.99				
12	63	JACKSON	FL				2.02E+05	1.58E+05	.78	8.60E+07	3.00E+07	.35	2.29E+07	4.65E+06	.20	
12	65	JEFFERSON	FL	2.67E+05	3.37E+05	1.26	4.69E+05	9.17E+05	1.95	1.15E+07	6.49E+06	.56	7.23E+06	2.36E+06	.33	
12	67	LAFAYETTE	FL				1.13E+05	1.36E+05	1.20	5.65E+06	9.98E+06	1.77	2.36E+06	6.35E+05	.27	
12	69	LAKE	FL	2.22E+06	3.58E+06	1.61	2.58E+06	3.97E+06	1.54	5.27E+08	1.01E+09	1.91	1.93E+06	6.38E+05	.33	5.69E+05
12	71	LEE	FL				2.25E+07	4.24E+07	1.88	2.35E+07	2.81E+07	1.20				4.05E+05
12	73	LEON	FL							1.46E+06	9.66E+05	.66	3.74E+06	9.96E+05	.27	3.54E+04
12	75	LEVY	FL				1.90E+05	3.50E+05	1.84	1.36E+07	1.61E+07	1.18	3.63E+06	9.23E+05	.25	
12	77	LIBERTY	FL							3.53E+05	6.82E+05	1.94	1.77E+06	2.32E+05	.13	
12	79	MADISON	FL				9.95E+06	2.21E+06	.22	2.00E+07	3.36E+06	.17	1.67E+07	3.03E+06	.18	
12	81	MANATEE	FL	3.52E+06	8.02E+06	2.30	2.24E+07	5.47E+07	2.44	6.52E+07	8.26E+07	1.27	7.84E+03	6.40E+03	.82	
12	83	MARION	FL				1.27E+06	1.78E+06	1.39	5.66E+07	1.02E+08	1.80	1.74E+06	4.14E+05	.24	6.57E+04
12	85	MARTIN	FL							1.72E+08	2.48E+08	1.44				
12	87	MONROE	FL													
12	89	NASSAU	FL				4.05E+03	6.00E+03	1.50	3.24E+04	2.10E+04	.64	6.29E+04	1.31E+04	.21	
12	91	OKALOOSA	FL							2.79E+06	1.41E+06	.50	7.80E+06	1.38E+06	.18	
12	93	OKEECHOBEE	FL				4.44E+06	1.12E+07	2.52	1.76E+07	2.65E+07	1.50				
12	95	ORANGE	FL	9.34E+06	1.67E+07	1.79				3.41E+08	6.74E+08	1.98	2.35E+04	1.73E+04	.74	1.83E+05
12	97	OSCEOLA	FL							6.06E+07	1.36E+08	2.24	3.53E+04	3.80E+03	.11	1.02E+04
12	99	PALM BEACH	FL	6.68E+07	2.03E+08	3.04	8.15E+07	6.37E+07	.78	9.21E+08	7.32E+08	.80	2.52E+04	3.60E+03	.14	1.49E+05
12	101	PASCO	FL				4.17E+05	6.97E+05	1.67	1.25E+08	2.67E+08	2.15	1.56E+05	3.22E+04	.21	5.69E+04
12	103	PINELLAS	FL							1.56E+07	1.41E+07	.91	5.08E+04	8.80E+03	.17	
12	105	POLK	FL	3.40E+05	4.28E+05	1.26	4.45E+05	7.40E+05	1.66	6.18E+08	1.33E+09	2.15				8.62E+05
12	107	PUTNAM	FL	5.06E+06	1.36E+07	2.69	8.09E+03	3.00E+03	.40	2.44E+07	4.08E+07	1.67	3.87E+05	9.17E+04	.24	
12	109	ST JOHNS	FL	1.59E+07	4.27E+07	2.69				5.06E+07	1.04E+08	2.06	4.56E+05	1.32E+05	.29	
12	111	ST LUCIE	FL				3.54E+06	8.79E+06	2.48	2.95E+08	3.07E+08	1.04	5.87E+04	8.60E+03	.15	5.75E+04
12	113	SANTA ROSA	FL	6.90E+04	8.70E+04	1.26	9.31E+04	1.84E+05	1.98	2.06E+07	5.43E+06	.26	1.28E+07	2.37E+06	.19	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
12	115	SARASOTA	FL	1.12E+06	4.03E+06	3.61				6.66E+06	1.36E+07	2.04				
12	117	SEMINOLE	FL	5.35E+06	1.44E+07	2.69	4.05E+06	6.00E+06	1.48	1.54E+07	3.35E+07	2.17	6.16E+04	2.24E+04	.36	
12	119	SUMTER	FL	4.50E+04	5.60E+04	1.26	6.90E+06	1.10E+07	1.60	1.49E+07	2.89E+07	1.94	3.80E+05	4.17E+04	.11	
12	121	SUWANNEE	FL				1.01E+07	4.04E+06	.40	1.65E+07	1.11E+07	.67	1.74E+07	4.55E+06	.26	7.90E+04
12	123	TAYLOR	FL							1.04E+04	3.00E+03	.26	4.04E+05	1.20E+05	.30	
12	125	UNION	FL				2.00E+06	2.14E+06	1.07	2.27E+06	3.14E+06	1.38	7.72E+04	1.01E+04	.13	
12	127	VOLUSIA	FL	5.53E+06	1.48E+07	2.67	3.98E+06	5.78E+06	1.45	4.01E+07	7.62E+07	1.90	1.65E+03	1.00E+02	.06	2.72E+05
12	129	WAKULLA	FL							1.71E+06	4.15E+05	.24				1.74E+05
12	131	WALTON	FL				4.05E+03	1.10E+04	2.74	7.18E+06	1.59E+06	.22	1.36E+07	1.89E+06	.14	
12	133	WASHINGTON	FL							4.75E+06	3.67E+06	.77	2.73E+06	5.78E+05	.21	
13	0		GA	1.78E+07	2.36E+07	1.33	1.17E+08	8.26E+07	.70	1.99E+09	4.88E+08	.24	1.13E+09	3.02E+08	.27	1.66E+06
13	1	APPLING	GA				1.94E+05	1.02E+05	.53	1.03E+06	3.52E+05	.34	1.93E+07	7.55E+06	.39	
13	3	ATKINSON	GA				2.27E+05	3.63E+05	1.60	7.69E+05	1.62E+05	.21	6.67E+06	2.64E+06	.40	6.67E+04
13	5	BACON	GA				1.29E+05	3.90E+04	.30	6.76E+05	3.89E+05	.58	1.18E+07	4.45E+06	.38	
13	7	BAKER	GA							4.45E+07	1.16E+07	.26	1.02E+07	2.66E+06	.26	
13	9	BALDWIN	GA							6.76E+05	7.00E+03	.01	1.79E+06	3.23E+05	.18	
13	11	BANKS	GA				7.77E+04	1.10E+05	1.41	2.93E+04	5.00E+03	.17	3.82E+05	6.26E+04	.16	
13	13	BARROW	GA							1.65E+05	1.00E+03		5.66E+05	3.28E+04	.15	
13	15	BARTOW	GA							3.30E+05	8.1[illegible]E+04	.24	3.04E+06	4.95E+05	.16	
13	17	BEN HILL	GA				6.47E+04	4.90E+04	.76	2.06E+07	4.78[illegible]+06	.23	6.18E+06	2.03E+06	.33	
13	19	BERRIEN	GA				5.02E+05	[illegible].96E+05	.99	8.[illegible]E+06	2.72E+06	.31	1.49E+07	5.91E+06	.40	
13	21	BIBB	GA							[illegible].44E+06	3.83E+05	.09	2.14E+06	3.00E+05	.14	
13	23	BLECKLEY	GA				2.27E+06	2.19E+05	.10	8.29E+06	2.05[illegible]+06	.25	1.10E+07	2.60E+06	.24	
13	25	BRANTLEY	GA				3.24E+04	3.60E+04	1.10	4.95E+04	2.10E+04	.42	4.96E+04	4.50E+03	.09	
13	27	BROOKS	GA	2.42E+06	3.05E+06	1.26	1.19E+07	4.12E+06	.35	2.63E+07	1.02E+07	.39	2.14E+07	6.48E+06	.30	
13	29	BRYAN	GA							6.31E+05	1.49E+05	.24	5.47E+05	9.04E+04	.17	
13	31	BULLOCH	GA				1.73E+05	1.06E+05	.61	4.43E+07	1.10E+07	.25	3.56E+07	1.10E+07	.31	
13	33	BURKE	GA				1.13E+06	2.98E+05	.26	2.58E+07	6.65E+06	.26	4.[illegible]E+07	7.43E+06	.18	
13	35	BUTTS	GA							3.42E+05	1.26E+05	.37	8.75E+05	1.68E+05	.19	
13	37	CALHOUN	GA				1.21E+04	4.00E+03	.33	5.65E+07	1.33E+07	.24	9.41E+06	2.53E+06	.27	
13	39	CAMDEN	GA							1.26E+04	2.00E+03	.16	1.86E+04	2.50E+03	.13	
13	43	CANDLER	GA				1.34E+05	9.80E+04	.73	5.83E+06	1.27E+06	.22	1.23E+07	3.53E+06	.29	
13	45	CARROLL	GA				1.21E+04	5.00E+03	.43	3.64E+04	7.40E+04	2.04	7.42E+05	2.13E+05	.29	
13	47	CATOOSA	GA				1.70E+05	2.05E+05	1.21	1.42E+05	1.29E+05	.91	2.42E+05	5.70E+04	.24	
13	49	CHARLTON	GA													
13	51	CHATHAM	GA							3.52E+05	3.00E+03	.01	7.37E+05	2.21E+05	.30	
13	53	CHATTAHOOCHE	GA							6.31E+03	1.00E+03	.18				
13	55	CHATTOOGA	GA							3.74E+05	1.06E+05	.28	1.94E+06	4.29E+05	.22	4.60E+02
13	57	CHEROKEE	GA							4.05E+03	3.00E+03	.80	6.74E+04	1.19E+04	.18	
13	59	CLARKE	GA							6.31E+03		.06	1.32E+06	2.99E+05	.23	
13	61	CLAY	GA							3.14E+07	7.77E+06	.25	4.64E+06	9.35E+05	.20	
13	63	CLAYTON	GA							6.07E+05	1.06E+05	.18	1.14E+05	1.52E+04	.13	
13	65	CLINCH	GA							6.31E+03	1.00E+03	.16	7.84E+05	2.66E+05	.34	2.63E+05
13	67	COBB	GA				1.70E+05	1.02E+05	.60	1.21E+04	5.00E+03	.41				
13	69	COFFEE	GA				2.91E+05	2.34E+05	.80	1.60E+07	4.11E+06	.26	2.33E+07	7.66E+06	.33	
13	71	COLQUITT	GA	3.71E+06	4.77E+06	1.29	1.07E+06	7.50E+05	.70	3.54E+07	1.36E+07	.38	2.32E+07	6.94E+06	.30	1.48E+05
13	73	COLUMBIA	GA				4.05E+03	3.00E+03	.76	3.88E+05	5.20E+04	.13	8.14E+05	1.38E+05	.17	
13	75	COOK	GA	2.03E+06	2.82E+06	1.39	3.68E+05	2.80E+05	.76	8.04E+06	2.30E+06	.29	1.11E+07	4.03E+06	.36	
13	77	COWETA	GA				2.95E+04	1.00E+03	.03	2.82E+05	2.49E+05	.88	1.38E+06	3.94E+05	.28	
13	79	CRAWFORD	GA				9.54E+06	2.64E+06	.28	2.67E+06	2.82E+05	.11	5.17E+06	9.70E+05	.19	
13	81	CRISP	GA				3.24E+04	2.50E+04	.76	5.40E+07	1.38E+07	.25	1.60E+07	3.57E+06	.22	

APPENDIX B (CONTINUED)

ST	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
13	83	DADE	GA				6.07E+04	4.60E+04	.76	1.50E+05	9.10E+04	.61	3.17E+04	4.40E+03	.14	
13	85	DAWSON	GA							4.05E+04	8.30E+04	2.06	4.94E+04	6.20E+03	.13	
13	87	DECATUR	GA				7.37E+05	3.67E+05	.50	5.32E+07	1.27E+07	.24	1.82E+07	5.72E+06	.31	
13	89	DE KALB	GA							5.89E+04	3.50E+04	.59				
13	91	DODGE	GA				4.45E+04	7.50E+04	1.68	2.47E+07	6.13E+06	.25	1.46E+07	3.31E+06	.23	
13	93	DOOLY	GA	9.70E+04	1.35E+05	1.39	2.89E+06	3.19E+06	1.10	5.95E+07	1.48E+07	.25	1.81E+07	2.95E+06	.16	
13	95	DOUGHERTY	GA				1.05E+05	1.00E+05	.95	6.24E+07	6.81E+06	.11	5.88E+06	1.56E+06	.26	
13	97	DOUGLAS	GA							1.62E+04	1.80E+04	1.12	2.30E+04	5.10E+03	.22	
13	99	EARLY	GA				2.43E+04	1.80E+04	.76	1.01E+08	2.56E+07	.25	2.21E+07	5.66E+06	.26	
13	101	ECHOLS	GA							3.88E+05	3.65E+05	.94	8.62E+05	2.43E+05	.28	1.95E+05
13	103	EFFINGHAM	GA				1.62E+04	5.00E+03	.32	1.20E+06	4.10E+05	.34	8.13E+06	2.09E+06	.26	
13	105	ELBERT	GA							3.47E+05	2.14E+05	.62	2.85E+06	4.52E+05	.16	
13	107	EMANUEL	GA				1.58E+05	1.55E+05	.98	1.44E+07	2.85E+06	.20	2.39E+07	6.63E+06	.28	
13	109	EVANS	GA							5.01E+06	1.14E+06	.23	8.56E+06	2.18E+06	.26	
13	111	FANNIN	GA	2.79E+05	3.68E+05	1.32	5.28E+05	8.00E+05	1.52	4.05E+04	4.30E+04	1.06	1.76E+05	6.53E+04	.37	
13	113	FAYETTE	GA							2.83E+05	5.30E+04	.19	8.07E+05	2.25E+05	.28	
13	115	FLOYD	GA				3.24E+04	2.20E+04	.68	5.67E+04	6.00E+04	1.06	3.48E+06	6.41E+05	.18	
13	117	FORSYTH	GA							2.71E+05	2.93E+05	1.32	5.00E+05	1.67E+05	.33	
13	119	FRANKLIN	GA							3.13E+05	2.29E+05	.73	1.88E+06	3.07E+05	.16	
13	121	FULTON	GA				5.06E+04	4.80E+04	.95	1.68E+05	4.80E+04	.29	8.02E+05	1.86E+05	.23	
13	123	GILMER	GA	3.20E+04	3.70E+04	1.15	3.03E+06	3.24E+06	1.06	2.59E+05	3.02E+05	1.17	2.22E+05	6.85E+04	.31	
13	125	GLASCOCK	GA				8.09E+04	1.78E+05	2.20	9.71E+05	2.52E+05	.26	3.84E+06	6.71E+05	.17	
13	127	GLYNN	GA													
13	129	GORDON	GA				1.09E+05	8.30E+04	.76	2.02E+04	1.00E+04	.47	5.78E+06	1.01E+06	.18	
13	131	GRADY	GA	4.82E+05	6.69E+05	1.39	6.77E+06	6.94E+06	1.02	3.66E+07	8.39E+06	.23	2.11E+07	6.67E+06	.32	
13	133	GREENE	GA				1.21E+04	9.00E+03	.74	1.07E+05	2.00E+04	.19	6.74E+05	1.51E+05	.22	
13	135	GWINNETT	GA	1.30E+05	1.80E+05	1.39	1.21E+04	4.00E+03	.32	4.34E+05	4.03E+05	.93	6.90E+05	1.70E+05	.25	
13	137	HABERSHAM	GA				1.36E+06	2.68E+06	1.97	4.05E+03	4.00E+03	1.01	1.18E+05	4.55E+04	.38	
13	139	HALL	GA				5.15E+05	5.99E+05	1.16	3.11E+04	1.00E+04	.33	8.28E+05	2.33E+05	.28	
13	141	HANCOCK	GA							2.13E+06	9.60E+04	.05	1.62E+06	2.60E+05	.16	
13	143	HARALSON	GA				1.62E+04	5.00E+03	.32	1.70E+05	7.30E+04	.43	5.97E+05	2.05E+05	.34	
13	145	HARRIS	GA				1.17E+05	3.90E+04	.34	9.55E+05	1.70E+04	.02	1.46E+06	3.13E+05	.21	
13	147	HART	GA							6.98E+05	4.32E+05	.62	6.90E+06	1.29E+06	.19	
13	149	HEARD	GA							2.43E+04	1.30E+04	.55	9.87E+05	2.09E+05	.21	
13	151	HENRY	GA				1.23E+06	1.72E+06	1.40	4.69E+05	1.84E+05	.39	3.60E+06	7.15E+05	.20	
13	153	HOUSTON	GA				5.90E+06	7.29E+06	1.24	2.27E+07	4.90E+06	.22	2.19E+07	4.04E+06	.18	
13	155	IRWIN	GA	2.47E+05	2.84E+05	1.15	5.10E+05	3.88E+05	.76	4.95E+07	1.44E+07	.29	1.92E+07	5.91E+06	.31	
13	157	JACKSON	GA	1.78E+05	2.29E+05	1.29	5.06E+04	4.40E+04	.87	1.28E+05	2.46E+05	1.93	1.55E+06	3.00E+05	.19	
13	159	JASPER	GA							2.36E+05	5.00E+03	.02	3.96E+05	1.16E+05	.29	
13	161	JEFF DAVIS	GA							9.71E+05	2.47E+05	.25	1.12E+07	4.25E+06	.38	
13	163	JEFFERSON	GA							1.22E+07	2.24E+06	.18	3.85E+07	7.54E+06	.20	
13	165	JENKINS	GA							1.34E+07	2.89E+06	.21	1.70E+07	4.22E+06	.25	
13	167	JOHNSON	GA				4.05E+03	1.00E+03	.32	2.26E+06	4.87E+05	.22	1.10E+07	2.27E+06	.21	
13	169	JONES	GA							1.17E+05	1.00E+03	.01	5.84E+05	1.10E+05	.19	
13	171	LAMAR	GA	3.20E+04	4.50E+04	1.39				4.00E+06	6.00E+04	.01	1.91E+06	3.97E+05	.21	
13	173	LANIER	GA							1.66E+05	5.10E+04	.31	3.62E+06	1.45E+06	.40	
13	175	LAURENS	GA	9.30E+04	1.19E+05	1.28	5.26E+04	6.90E+04	1.31	2.76E+07	7.00E+06	.25	3.63E+07	8.12E+06	.22	
13	177	LEE	GA				4.45E+05	4.90E+05	1.10	7.33E+07	1.33E+07	.18	1.36E+07	4.31E+06	.32	
13	179	LIBERTY	GA							6.31E+03	1.00E+03	.10	4.50E+05	1.48E+05	.33	
13	181	LINCOLN	GA										3.54E+05	1.12E+05	.32	
13	183	LONG	GA							7.28E+04	6.80E+04	.94	1.47E+05	2.64E+04	.18	
13	185	LOWNDES	GA	1.05E+05	1.46E+05	1.39	1.17E+05	2.05E+05	1.75	5.88E+06	1.01E+06	.17	1.31E+07	4.40E+06	.33	1.14E+05
13	187	LUMPKIN	GA							1.29E+05	7.30E+04	.56	2.38E+05	6.68E+04	.28	
13	189	MC DUFFIE	GA							5.30E+05	6.20E+04	.12	2.17E+06	3.97E+05	.18	
13	191	MC INTOSH	GA							1.00E+00			2.14E+04	1.02E+04	.48	
13	193	MACON	GA				1.15E+07	6.06E+06	.53	4.19E+07	8.52E+06	.20	2.04E+07	4.72E+06	.23	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			DRAIN FOR FOOD			HONEY PROD.
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	KG
13	195	MADISON	GA	2.43E+05	3.38E+05	1.39				1.57E+05	1.01E+05	.64	6.31E+06	1.25E+06	.20	
13	197	MARION	GA							1.01E+07	1.85E+06	.18	3.10E+06	8.15E+05	.26	
13	199	MERIWETHER	GA	8.00E+03	1.10E+04	1.39	2.29E+06	1.10E+06	.48	1.94E+05	1.40E+05	.72	3.15E+06	8.06E+05	.26	
13	201	MILLER	GA				1.62E+04	1.20E+04	.76	6.75E+07	1.94E+07	.29	1.48E+07	4.15E+06	.28	
13	205	MITCHELL	GA	4.37E+05	5.03E+05	1.15	1.18E+06	9.22E+05	.78	1.23E+08	1.76E+07	.14	2.32E+07	6.43E+06	.28	
13	207	MONROE	GA							1.97E+05	7.00E+03	.03	1.24E+06	2.75E+05	.22	
13	209	MONTGOMERY	GA							5.47E+06	9.00E+05	.16	1.00E+07	3.42E+06	.34	
13	211	MORGAN	GA							2.44E+05	3.00E+03	.01	2.93E+06	5.91E+05	.20	
13	213	MURRAY	GA							8.09E+03	7.00E+03	.91	2.53E+06	5.40E+05	.21	
13	215	MUSCOGEE	GA													
13	217	NEWTON	GA							1.32E+05	3.80E+04	.29	5.97E+05	1.09E+05	.18	
13	219	OCONEE	GA				3.24E+05	1.10E+05	.34	3.24E+04	3.00E+04	.92	4.42E+06	7.71E+05	.17	
13	221	OGLETHORPE	GA										3.38E+06	7.05E+05	.21	
13	223	PAULDING	GA				9.31E+04	3.00E+04	.32	2.42E+05	2.08E+05	.86	2.43E+05	6.79E+04	.28	
13	225	PEACH	GA				1.18E+07	6.67E+06	.56	1.25E+07	5.24E+05	.04	1.07E+07	2.00E+06	.19	
13	227	PICKENS	GA							2.70E+04	5.00E+03	.19				
13	229	PIERCE	GA				8.09E+03	3.00E+03	.32	2.04E+04	1.20E+05	.06	1.30E+07	4.97E+06	.38	4.30E+04
13	231	PIKE	GA				1.21E+06	2.74E+05	.23	1.08E+06	9.90E+04	.09	2.83E+06	5.97E+05	.21	
13	233	POLK	GA				8.50E+04	5.40E+04	.63	6.30E+04	6.30E+04	1.01	9.95E+05	1.69E+05	.17	
13	235	PULASKI	GA							2.58E+07	6.19E+06	.24	8.83E+06	1.79E+06	.20	
13	237	PUTNAM	GA							3.16E+03	1.00E+03	.29	1.98E+05	4.54E+04	.23	
13	239	QUITMAN	GA							7.23E+06	1.25E+06	.17	1.29E+06	1.98E+05	.15	
13	241	RABUN	GA	3.20E+04	3.70E+04	1.15	1.29E+05	1.08E+05	.83	3.64E+04	4.60E+04	1.27	2.37E+05	1.04E+05	.44	
13	243	RANDOLPH	GA							6.23E+07	1.41E+07	.23	1.09E+07	2.63E+06	.24	
13	245	RICHMOND	GA				1.21E+04	1.50E+04	1.21	2.46E+06	3.72E+05	.15	5.12E+06	8.96E+05	.17	
13	247	ROCKDALE	GA										1.08E+05	3.00E+03	.03	
13	249	SCHLEY	GA							7.75E+06	2.06E+06	.27	3.41E+06	9.68E+05	.28	
13	251	SCREVEN	GA				2.53E+05	2.67E+05	1.05	2.04E+07	6.33E+06	.31	2.98E+07	7.10E+06	.24	
13	253	SEMINOLE	GA							3.89E+07	1.03E+07	.27	1.20E+07	2.97E+06	.25	
13	255	SPALDING	GA	1.20E+04	1.70E+04	1.39	1.54E+06	2.78E+05	.18	7.46E+05	3.50E+04	.05	2.84E+06	6.22E+05	.22	
13	257	STEPHENS	GA							2.79E+04	1.10E+04	.39	3.06E+05	7.78E+04	.25	
13	259	STEWART	GA							2.42E+07	4.83E+06	.20	4.50E+06	8.47E+05	.19	
13	261	SUMTER	GA	2.40E+04	2.80E+04	1.15	1.97E+06	2.21E+06	1.12	5.93E+07	1.38E+07	.23	2.77E+07	6.74E+06	.24	
13	263	TALBOT	GA							4.84E+05	1.07E+05	.22	2.51E+05	4.92E+04	.20	
13	265	TALIAFERRO	GA							3.16E+03		.04	6.37E+02	2.00E+02	.31	
13	267	TATTNALL	GA				2.23E+05	1.93E+05	.87	6.39E+06	1.44E+06	.23	1.85E+07	5.67E+06	.31	
13	269	TAYLOR	GA				2.68E+06	3.06E+06	1.14	6.97E+06	1.90E+06	.27	6.39E+06	1.19E+06	.19	
13	271	TELFAIR	GA				2.83E+04	1.60E+04	.57	1.31E+07	2.97E+06	.23	8.25E+06	1.99E+06	.24	
13	273	TERRELL	GA							7.51E+07	1.79E+07	.24	1.62E+07	4.57E+06	.28	
13	275	THOMAS	GA	1.29E+06	1.72E+06	1.34	1.00E+06	6.79E+05	.68	2.81E+07	5.70E+06	.20	1.95E+07	6.61E+06	.34	
13	277	TIFT	GA				3.64E+04	2.80E+04	.76	4.36E+07	1.26E+07	.29	1.29E+07	4.79E+06	.37	
13	279	TOOMBS	GA				3.97E+05	3.01E+05	.76	1.20E+07	6.10E+06	.51	1.59E+07	5.03E+06	.32	
13	281	TOWNS	GA							6.07E+04	1.01E+05	1.66	2.92E+05	9.93E+04	.34	
13	283	TREUTLEN	GA							6.13E+05	6.60E+04	.11	5.09E+06	1.44E+06	.28	
13	285	TROUP	GA				2.43E+04	8.00E+03	.32	2.02E+04	1.90E+04	.95	6.05E+05	9.00E+04	.15	
13	287	TURNER	GA				2.06E+05	1.14E+05	.55	6.19E+07	1.86E+07	.30	1.05E+07	2.86E+06	.27	
13	289	TWIGGS	GA							5.77E+06	1.05E+06	.18	4.30E+06	1.07E+06	.25	
13	291	UNION	GA	2.10E+05	2.81E+05	1.33	6.31E+05	5.30E+05	.84	3.36E+05	3.73E+05	1.11	6.11E+05	2.55E+05	.42	
13	293	UPSON	GA				5.42E+05	2.12E+05	.39	1.36E+06	8.90E+04	.07	5.04E+05	8.32E+04	.17	
13	295	WALKER	GA				1.09E+05	9.50E+04	.87	8.90E+04	8.00E+04	.90	1.78E+06	5.57E+05	.31	
13	297	WALTON	GA				6.74E+03	1.00E+03	.22	1.84E+05	1.46E+05	.79	3.42E+06	5.99E+05	.18	
13	299	WARE	GA							1.07E+06	5.70E+04	.05	4.20E+06	1.64E+06	.39	4.93E+05
13	301	WARREN	GA							3.41E+06	9.61E+05	.28	4.70E+06	9.11E+05	.19	
13	303	WASHINGTON	GA				3.72E+05	8.10E+05	2.18	2.32E+07	6.02E+06	.26	2.14E+07	4.46E+06	.21	
13	305	WAYNE	GA				9.71E+04	4.70E+04	.48	1.55E+06	8.05E+05	.52	9.85E+06	3.18E+06	.32	
13	307	WEBSTER	GA							3.13E+07	7.46E+06	.24	4.70E+06	1.26E+06	.27	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ----			----- EXPOSED PRODUCE ----			---- PROTECTED PRODUCE ---			----- GRAIN FOR FOOD -----			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
13	309	WHEELER	GA							5.66E+06	1.76E+06	.31	1.01E+07	2.76E+06	.27	
13	311	WHITE	GA							2.43E+04	1.80E+04	.75	2.95E+05	1.24E+05	.42	
13	313	WHITFIELD	GA				7.28E+04	2.30E+04	.32	7.69E+04	2.02E+05	2.63	1.52E+06	2.93E+05	.19	3.68E+02
13	315	WILCOX	GA							3.46E+07	9.48E+06	.27	9.40E+06	1.96E+06	.21	
13	317	WILKES	GA							9.63E+05	7.00E+03	.01	8.63E+05	1.78E+05	.21	
13	319	WILKINSON	GA							3.71E+06	1.51E+06	.41	2.59E+06	8.00E+05	.31	
13	321	WORTH	GA	1.90E+05	2.19E+05	1.15	3.24E+05	1.48E+05	.52	1.03E+08	2.89E+07	.28	2.46E+07	7.52E+06	.31	
16	0		ID	2.84E+06	7.53E+06	2.65	4.62E+07	5.63E+07	1.22	2.57E+09	4.16E+09	1.62	2.98E+09	7.64E+08	.26	6.56E+06
16	1	ADA	ID				6.47E+04	1.42E+05	2.20	1.66E+07	2.64E+07	1.59	2.26E+07	8.35E+06	.37	3.43E+04
16	3	ADAMS	ID										1.88E+06	2.39E+05	.13	
16	5	BANNOCK	ID				6.52E+04	2.00E+04	.30	1.07E+07	2.02E+07	1.88	1.35E+08	1.97E+07	.15	
16	7	BEAR LAKE	ID										4.80E+07	7.47E+06	.16	
16	9	BENEWAH	ID							4.27E+07	8.57E+06	.20	4.31E+07	1.24E+07	.29	
16	11	BINGHAM	ID							2.12E+08	5.03E+08	2.38	1.91E+08	6.07E+07	.32	7.22E+05
16	13	BLAINE	ID							4.23E+06	5.23E+06	1.24	1.95E+07	5.14E+06	.26	
16	15	BOISE	ID										5.71E+05	1.55E+05	.27	5.88E+03
16	17	BONNER	ID							7.61E+05	1.46E+06	1.92	1.63E+06	3.36E+05	.21	
16	19	BONNEVILLE	ID							1.63E+08	3.80E+08	2.33	1.76E+08	4.10E+07	.23	
16	21	BOUNDARY	ID							1.07E+06	7.56E+05	.70	2.91E+07	9.02E+06	.31	
16	23	BUTTE	ID							1.07E+07	2.23E+07	2.08	1.93E+07	4.79E+06	.25	
16	25	CAMAS	ID							6.86E+05	1.27E+05	.19	3.79E+07	3.86E+06	.10	
16	27	CANYON	ID	1.15E+06	2.74E+06	2.38	1.32E+07	1.92E+07	1.46	2.08E+08	3.16E+08	1.52	7.35E+07	3.10E+07	.42	3.46E+06
16	29	CARIBOU	ID							2.56E+07	6.12E+07	2.39	2.00E+08	3.68E+07	.18	
16	31	CASSIA	ID				1.59E+06	1.05E+06	.66	2.37E+08	3.73E+08	1.57	1.61E+08	4.00E+07	.25	
16	33	CLARK	ID							1.31E+07	3.63E+07	2.76	1.43E+07	3.02E+06	.21	
16	35	CLEARWATER	ID							5.12E+06	8.37E+05	.16	1.76E+07	4.89E+06	.28	
16	37	CUSTER	ID							3.41E+06	6.36E+06	1.87	4.82E+06	1.12E+06	.23	
16	39	ELMORE	ID							8.20E+07	2.07E+08	2.52	3.31E+07	1.17E+07	.35	
16	41	FRANKLIN	ID	1.01E+06	3.15E+06	3.13	4.12E+06	2.72E+06	.66	1.05E+07	6.90E+06	.66	8.66E+07	1.48E+07	.17	
16	43	FREMONT	ID							8.20E+07	1.84E+08	2.24	1.22E+08	2.22E+07	.18	
16	45	GEM	ID				1.04E+07	8.83E+06	.85	6.18E+06	8.65E+06	1.40	8.08E+06	2.52E+06	.31	
16	47	GOODING	ID				6.38E+04	1.16E+05	1.82	7.00E+07	1.56E+08	2.23	2.09E+07	7.63E+06	.37	4.74E+05
16	49	IDAHO	ID				5.26E+04	7.00E+04	1.33	7.20E+06	1.05E+06	.15	1.33E+08	4.11E+07	.31	
16	51	JEFFERSON	ID							9.30E+07	2.04E+08	2.19	6.08E+07	1.88E+07	.31	
16	53	JEROME	ID				1.05E+05	7.60E+04	.73	1.47E+08	1.88E+08	1.28	4.48E+07	1.83E+07	.41	
16	55	KOOTENAI	ID				3.27E+06	2.16E+06	.66	1.73E+07	3.30E+06	.19	4.63E+07	1.17E+07	.25	
16	57	LATAH	ID							8.85E+07	1.58E+07	.18	1.80E+08	5.73E+07	.32	
16	59	LEMHI	ID							8.17E+05	2.27E+06	2.78	2.33E+06	5.63E+05	.24	
16	61	LEWIS	ID							3.35E+07	6.30E+06	.19	1.05E+08	3.13E+07	.30	
16	63	LINCOLN	ID							1.58E+07	2.18E+07	1.38	2.06E+07	5.73E+06	.28	
16	65	MADISON	ID							1.18E+08	2.82E+08	2.40	1.18E+08	2.93E+07	.25	
16	67	MINIDOKA	ID							1.66E+08	2.52E+08	1.52	8.54E+07	3.62E+07	.42	
16	69	NEZ PERCE	ID							8.03E+07	1.61E+07	.20	1.29E+08	4.56E+07	.35	1.92E+05
16	71	ONEIDA	ID										1.54E+08	1.71E+07	.11	
16	73	ONYHEE	ID				1.13E+05	9.80E+04	.87	7.25E+07	1.52E+08	2.09	3.43E+07	1.11E+07	.32	2.18E+05
16	75	PAYETTE	ID				7.30E+06	1.54E+07	2.12	1.73E+07	2.67E+07	1.55	1.34E+07	4.16E+06	.31	2.85E+05
16	77	POWER	ID							1.01E+08	2.36E+08	2.35	2.08E+08	3.97E+07	.19	
16	79	SHOSHONE	ID										3.08E+05	6.58E+04	.21	
16	81	TETON	ID							1.99E+07	3.62E+07	1.82	6.91E+07	1.12E+07	.16	
16	83	TWIN FALLS	ID				1.69E+06	1.08E+06	.64	3.52E+08	3.46E+08	.98	7.44E+07	2.84E+07	.38	1.89E+05
16	85	VALLEY	ID							1.83E+06	3.83E+06	2.09	3.77E+06	7.95E+05	.21	

ST	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
16	87	WASHINGTON	IL	1.74E+05	2.09E+05	1.20	6.68E+05	1.28E+06	1.91	1.70E+07	3.62E+07	2.13	2.96E+07	6.67E+06	.23	
17	0		IL	1.17E+07	2.11E+07	1.81	1.38E+08	8.50E+07	.61	5.06E+08	4.13E+08	.82	7.77E+09	2.65E+09	.34	4.49E+05
17	1	ADAMS	IL				9.51E+05	1.21E+06	1.27	1.74E+05	2.11E+05	1.21	1.04E+08	3.15E+07	.30	
17	3	ALEXANDER	IL							4.05E+03	2.00E+03	.50	2.03E+07	3.41E+06	.17	
17	5	BOND	IL				5.33E+05	7.22E+05	1.36	2.83E+04	9.00E+03	.32	6.50E+07	1.48E+07	.23	
17	7	BOONE	IL							4.96E+07	4.09E+07	.82	4.04E+07	1.29E+07	.32	
17	9	BROWN	IL										2.75E+07	7.64E+06	.28	
17	11	BUREAU	IL							8.33E+06	5.07E+06	.61	1.32E+08	5.73E+07	.43	
17	13	CALHOUN	IL				4.72E+06	1.80E+06	.38	8.09E+03	9.00E+03	1.07	1.86E+07	6.51E+06	.35	
17	15	CARROLL	IL				6.88E+04	1.51E+05	2.20	1.66E+05	4.61E+05	2.78	5.23E+07	2.39E+07	.46	
17	17	CASS	IL							4.37E+05	8.28E+05	1.89	5.05E+07	1.89E+07	.37	
17	19	CHAMPAIGN	IL				1.62E+04	9.00E+03	.58	1.47E+06	1.64E+06	1.11	1.83E+08	7.69E+07	.42	
17	21	CHRISTIAN	IL										1.27E+08	5.06E+07	.40	4.10E+03
17	23	CLARK	IL							1.07E+06	2.15E+05	.20	8.10E+07	1.90E+07	.23	
17	25	CLAY	IL							2.89E+05	2.80E+04	.10	6.16E+07	1.20E+07	.19	7.52E+02
17	27	CLINTON	IL				2.83E+04	1.90E+04	.65	4.05E+03	1.00E+03	.31	8.63E+07	1.99E+07	.23	
17	29	COLES	IL				8.31E+04	1.13E+05	1.34	3.96E+06	1.28E+06	.32	8.94E+07	3.15E+07	.35	
17	31	COOK	IL	2.98E+06	4.79E+06	1.60	2.67E+06	2.53E+06	.95	3.98E+06	6.03E+06	1.52	1.29E+07	3.02E+06	.23	
17	33	CRAWFORD	IL							3.52E+05	2.60E+04	.07	6.60E+07	1.63E+07	.25	
17	35	CUMBERLAND	IL				2.11E+05	2.31E+05	1.09	1.59E+06	3.79E+05	.24	9.71E+07	1.37E+07	.24	
17	37	DE KALB	IL	1.34E+05	3.02E+05	2.26	6.72E+05	3.82E+05	.57	3.96E+07	3.24E+07	.82	1.02E+08	4.07E+07	.40	5.96E+01
17	39	DE WITT	IL										6.64E+07	2.98E+07	.45	
17	41	DOUGLAS	IL				8.09E+03	1.00E+03	.18				8.23E+07	3.47E+07	.42	2.30E+04
17	43	DU PAGE	IL	1.20E+04	2.70E+04	2.26	2.55E+05	2.52E+05	.99	3.68E+05	6.64E+05	1.80	1.49E+07	4.49E+06	.30	
17	45	EDGAR	IL							4.24E+05	6.80E+04	.16	1.12E+08	3.88E+07	.35	
17	47	EDWARDS	IL										4.14E+07	1.01E+07	.24	
17	49	EFFINGHAM	IL				1.66E+05	5.80E+04	.35				7.84E+07	1.96E+07	.25	
17	51	FAYETTE	IL				3.26E+05	8.10E+04	.25	2.02E+05	4.50E+04	.22	1.01E+08	2.25E+07	.22	
17	53	FORD	IL				5.37E+05	4.33E+05	.81	1.78E+07	1.20E+07	.67	8.65E+07	3.16E+07	.37	
17	55	FRANKLIN	IL				1.43E+05	2.60E+04	.18	4.05E+03	2.00E+03	.49	5.10E+07	8.96E+06	.18	
17	57	FULTON	IL							4.05E+03	8.00E+03	2.02	7.41E+07	2.29E+07	.31	
17	59	GALLATIN	IL							4.37E+06	9.34E+05	.21	5.30E+07	1.56E+07	.29	
17	61	GREENE	IL							4.05E+03	8.00E+03	1.88	7.37E+07	2.80E+07	.36	
17	63	GRUNDY	IL				2.43E+04	1.80E+04	.75	4.73E+05	5.21E+05	1.10	6.23E+07	2.17E+07	.35	
17	65	HAMILTON	IL							5.87E+05	4.10E+04	.07	6.11E+07	1.16E+07	.19	
17	67	HANCOCK	IL				1.02E+05	8.50E+04	.83	3.63E+05	9.40E+04	.26	1.01E+08	3.87E+07	.38	1.73E+04
17	69	HARDIN	IL										1.25E+06	7.31E+05	.32	
17	71	HENDERSON	IL				8.50E+04	6.40E+04	.75	9.71E+04	1.72E+05	1.77	.70E+07	3.28E+07	.49	9.00E+02
17	73	HENRY	IL				1.53E+06	9.08E+05	.59	8.38E+05	9.53E+05	1.14	1.17E+08	4.71E+07	.40	
17	75	IROQUOIS	IL				5.18E+06	8.50E+05	.16	2.93E+07	2.81E+07	.96	1.88E+08	7.49E+07	.40	
17	77	JACKSON	IL				5.77E+06	5.59E+06	1.04	8.09E+04	9.70E+04	1.20	5.34E+07	9.54E+06	.18	
17	79	JASPER	IL							3.88E+05	7.00E+04	.18	7.81E+07	1.77E+07	.23	
17	81	JEFFERSON	IL				8.90E+04	1.30E+04	.15	3.32E+05	7.50E+04	.23	5.90E+07	1.13E+07	.19	
17	83	JERSEY	IL				2.82E+06	5.01E+06	1.78				5.81E+07	2.00E+07	.34	
17	85	JO DAVIESS	IL							1.43E+06	2.52E+06	1.76	3.21E+07	1.18E+07	.37	
17	87	JOHNSON	IL				1.07E+06	1.25E+06	1.17	7.69E+04	7.20E+04	.93	8.29E+06	1.97E+06	.24	
17	89	KANE	IL	1.78E+05	4.02E+05	2.26	1.10E+06	8.09E+05	.73	6.44E+06	4.01E+06	.62	6.22E+07	2.18E+07	.35	
17	91	KANKAKEE	IL				6.44E+05	5.62E+05	.87	3.41E+06	5.69E+06	1.67	1.15E+08	3.99E+07	.34	
17	93	KENDALL	IL				3.36E+05	2.52E+05	.75	6.68E+05	7.35E+05	1.10	5.09E+07	1.83E+07	.36	
17	95	KNOX	IL							3.24E+05	7.40E+04	.23	8.72E+07	4.01E+07	.46	1.71E+03
17	97	LAKE	IL				2.56E+06	3.12E+06	1.22	3.26E+06	4.24E+06	1.30	2.00E+07	4.68E+06	.23	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA	PRODUCTION	PRODUCTIVITY	AREA	PRODUCTION	PRODUCTIVITY	AREA	PRODUCTION	PRODUCTIVITY	AREA	PRODUCTION	PRODUCTIVITY	PROD.
				M**2	KG	KG/M**2	M**2	KG	KG/M**2	M**2	KG	KG/M**2	M**2	KG	KG/M**2	KG
17	99	LA SALLE	IL				4.05E+03	3.00E+03	.75	2.99E+07	2.29E+07	.77	1.78E+08	7.46E+07	.42	
17	101	LAWRENCE	IL				5.80E+06	3.53E+06	.61	7.81E+05	2.20E+06	2.81	6.93E+07	1.78E+07	.26	
17	103	LEE	IL				1.86E+06	1.10E+06	.59	3.12E+07	2.11E+07	.68	1.13E+08	4.12E+07	.37	
17	105	LIVINGSTON	IL							1.53E+06	7.65E+05	.50	1.78E+08	6.51E+07	.37	
17	107	LOGAN	IL										1.09E+08	4.70E+07	.43	
17	109	MC DONOUGH	IL										7.93E+07	3.71E+07	.47	
17	111	MC HENRY	IL				1.40E+06	1.27E+06	.91	1.43E+07	1.41E+07	.98	5.43E+07	1.81E+07	.33	
17	113	MC LEAN	IL							9.80E+06	5.98E+06	.61	2.08E+08	9.20E+07	.45	7.37E+02
17	115	MACON	IL							4.05E+03	8.00E+03	2.02	1.00E+08	3.96E+07	.39	
17	117	MACOUPIN	IL				7.02E+05	6.20E+05	.88	2.52E+05	5.30E+04	.21	1.36E+08	4.75E+07	.35	
17	119	MADISON	IL				6.88E+05	4.46E+05	.65	3.94E+06	4.59E+06	1.16	1.19E+08	3.29E+07	.28	
17	121	MARION	IL				8.50E+05	1.04E+06	1.23	4.86E+04	5.00E+04	1.03	8.39E+07	1.64E+07	.20	
17	123	MARSHALL	IL				5.74E+05	7.86E+05	1.37	2.53E+06	2.14E+06	.85	5.31E+07	1.95E+07	.37	
17	125	MASON	IL				1.54E+07	9.11E+06	.59	5.89E+06	8.14E+06	1.38	9.69E+07	2.83E+07	.29	
17	127	MASSAC	IL							1.21E+04	1.20E+04	.97	1.83E+07	4.87E+06	.27	
17	129	MENARD	IL										5.22E+07	2.26E+07	.43	
17	131	MERCER	IL				2.35E+06	1.70E+06	.75	2.19E+05	3.75E+05	1.72	6.92E+07	3.58E+07	.52	
17	133	MONROE	IL				1.17E+05	8.80E+04	.75	8.50E+04	1.10E+05	1.30	7.91E+07	1.92E+07	.24	
17	135	MONTGOMERY	IL				8.50E+04	2.70E+04	.31	5.67E+04	6.20E+04	1.10	1.26E+08	4.10E+07	.32	
17	137	MORGAN	IL										8.66E+07	3.89E+07	.45	
17	139	MOULTRIE	IL							1.29E+05	4.40E+04	.34	6.26E+07	2.49E+07	.40	
17	141	OGLE	IL				6.67E+06	4.02E+06	.60	5.77E+07	4.28E+07	.74	1.01E+08	3.66E+07	.36	
17	143	PEORIA	IL				4.98E+05	3.37E+05	.68	1.24E+07	1.18E+07	.95	6.93E+07	2.50E+07	.36	
17	145	PERRY	IL				1.21E+04	1.00E+03	.11	2.75E+05	3.03E+05	1.10	5.77E+07	1.07E+07	.19	
17	147	PIATT	IL										8.38E+07	3.57E+07	.43	1.53E+03
17	149	PIKE	IL				3.61E+06	3.99E+06	1.11				8.99E+07	3.01E+07	.33	4.22E+04
17	151	POPE	IL							8.42E+05	1.10E+05	.13	6.70E+06	1.79E+06	.27	
17	153	PULASKI	IL				3.24E+04	2.40E+04	.75	8.09E+03	9.00E+03	1.07	1.83E+07	3.56E+06	.19	
17	155	PUTNAM	IL							4.86E+05	1.65E+05	.34	2.18E+07	9.51E+06	.44	
17	157	RANDOLPH	IL				3.96E+05	7.22E+05	1.82	8.90E+04	6.80E+04	.77	8.83E+07	1.89E+07	.21	
17	159	RICHLAND	IL										5.33E+07	1.24E+07	.23	
17	161	ROCK ISLAND	IL				1.69E+06	2.07E+06	1.23	1.46E+05	1.60E+05	1.10	4.04E+07	1.78E+07	.44	
17	163	ST CLAIR	IL				1.36E+06	1.29E+06	.95	2.77E+06	2.73E+06	.99	1.21E+08	3.36E+07	.28	
17	165	SALINE	IL							4.67E+06	1.09E+06	.23	3.78E+07	9.63E+06	.26	1.29E+03
17	167	SANGAMON	IL				3.32E+05	1.92E+05	.58	1.74E+05	1.91E+05	1.10	1.34E+08	5.83E+07	.44	
17	169	SCHUYLER	IL										4.36E+07	9.49E+06	.22	
17	171	SCOTT	IL										3.44E+07	1.17E+07	.34	
17	173	SHELBY	IL				3.24E+04	1.10E+04	.35	1.74E+05	5.30E+04	.30	1.29E+08	4.00E+07	.31	
17	175	STARK	IL							9.33E+06	7.93E+06	.85	4.94E+07	2.45E+07	.50	
17	177	STEPHENSON	IL				1.21E+04	9.00E+03	.75	2.43E+06	1.24E+06	.51	6.25E+07	2.32E+07	.37	
17	179	TAZEWELL	IL				1.19E+06	7.08E+05	.59	1.02E+07	2.18E+07	2.13	9.88E+07	4.05E+07	.41	
17	181	UNION	IL				8.49E+06	8.05E+06	.95	1.38E+06	2.99E+06	2.17	2.72E+07	4.74E+06	.17	
17	183	VERMILION	IL				1.35E+07	1.62E+06	.12	4.78E+07	4.60E+07	.96	1.50E+08	5.53E+07	.37	
17	185	WABASH	IL							1.43E+06	2.26E+05	.16	3.83E+07	1.03E+07	.27	
17	187	WARREN	IL							3.44E+05	3.78E+05	1.10	7.97E+07	4.39E+07	.55	
17	189	WASHINGTON	IL				4.86E+04	3.00E+03	.05	2.83E+04	2.80E+04	.98	1.15E+08	2.64E+07	.23	
17	191	WAYNE	IL							4.05E+03	1.00E+03	.24	1.01E+08	1.82E+07	.18	
17	193	WHITE	IL				2.80E+05	2.73E+05	.97	5.84E+06	1.60E+06	.27	8.93E+07	2.24E+07	.25	
17	195	WHITESIDE	IL				7.77E+05	4.99E+05	.64	2.51E+06	1.04E+06	.41	9.22E+07	3.43E+07	.37	
17	197	WILL	IL				2.62E+06	1.97E+06	.75	4.16E+06	2.59E+06	.62	9.85E+07	2.59E+07	.26	
17	199	WILLIAMSON	IL							3.64E+04	4.00E+04	1.10	1.60E+07	3.50E+06	.22	
17	201	WINNEBAGO	IL				1.09E+05	1.47E+05	1.35	4.59E+06	3.89E+06	.85	4.44E+07	1.34E+07	.30	
17	203	WOODFORD	IL							8.94E+05	1.85E+06	2.07	8.56E+07	3.38E+07	.40	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
18	0		IN	6.14E+06	1.53E+07	2.50	1.24E+08	2.71E+08	2.18	2.62E+08	2.04E+08	.78	4.29E+09	1.43E+09	.33	2.50E+05
18	1	ADAMS	IN				1.90E+05	2.27E+05	1.20	1.18E+06	2.97E+05	.25	5.88E+07	1.74E+07	.30	2.28E+03
18	3	ALLEN	IN	1.62E+05	4.71E+05	2.91	1.41E+06	4.23E+06	3.00	2.08E+06	2.57E+06	1.23	1.00E+08	3.03E+07	.30	4.18E+04
18	5	BARTHOLOMEW	IN				2.27E+05	3.23E+05	1.42	1.18E+06	1.18E+06	1.01	5.17E+07	1.87E+07	.36	
18	7	BENTON	IN				1.56E+06	4.21E+05	.27	8.66E+06	5.59E+06	.65	7.91E+07	3.31E+07	.42	
18	9	BLACKFORD	IN							6.03E+05	1.21E+05	.20	2.29E+07	5.44E+06	.24	
18	11	BOONE	IN										6.41E+07	1.88E+07	.29	
18	13	BROWN	IN							8.09E+03	6.00E+03	.72	1.50E+06	4.67E+05	.31	
18	15	CARROLL	IN				1.31E+06	3.42E+06	2.62	6.21E+06	1.09E+06	.18	6.88E+07	2.78E+07	.40	
18	17	CASS	IN				3.06E+06	1.03E+07	3.35	5.56E+06	1.08E+06	.19	6.57E+07	2.36E+07	.36	
18	19	CLARK	IN	2.75E+05	8.70E+05	3.16	5.70E+06	1.10E+07	1.94	7.43E+06	4.20E+06	.57	1.78E+07	5.60E+06	.31	
18	21	CLAY	IN				8.09E+03	2.00E+03	.20				4.53E+07	1.25E+07	.28	
18	23	CLINTON	IN				3.06E+06	9.55E+06	3.12	1.39E+06	3.25E+05	.23	7.10E+07	2.09E+07	.29	
18	25	CRAWFORD	IN							1.15E+06	2.75E+05	.24	4.71E+06	1.45E+06	.31	
18	27	DAVIESS	IN				3.14E+05	3.35E+05	1.06	1.79E+06	2.79E+06	1.56	6.91E+07	2.51E+07	.36	
18	29	DEARBORN	IN	8.00E+03	2.60E+04	3.16	1.10E+06	9.86E+05	.90	1.42E+05	2.15E+05	1.52	7.90E+06	2.28E+06	.29	
18	31	DECATUR	IN				8.15E+04	8.00E+04	.98				5.88E+07	2.51E+07	.43	
18	33	DE KALB	IN							1.05E+06	1.86E+06	1.77	5.49E+07	1.41E+07	.26	6.81E+03
18	35	DELAWARE	IN				3.90E+06	1.29E+07	3.31	1.98E+05	2.30E+05	1.16	5.61E+07	1.86E+07	.33	9.82E+02
18	37	DUBOIS	IN				3.24E+04	1.20E+04	.37	3.50E+06	9.23E+05	.26	4.02E+07	1.52E+07	.38	
18	39	ELKHART	IN	2.40E+04	6.90E+04	2.83	2.40E+06	4.18E+06	1.74	4.08E+06	1.89E+06	.46	5.40E+07	1.44E+07	.27	2.89E+04
18	41	FAYETTE	IN							4.05E+03	4.00E+03	1.01	2.54E+07	9.57E+06	.38	
18	43	FLOYD	IN	1.13E+05	3.58E+05	3.16	1.45E+06	2.59E+06	1.79	2.12E+06	1.99E+06	.94	3.21E+06	9.38E+05	.29	
18	45	FOUNTAIN	IN										5.58E+07	1.88E+07	.34	
18	47	FRANKLIN	IN				9.69E+04	1.40E+05	1.44	1.34E+05	1.42E+05	1.06	2.72E+07	9.53E+06	.35	
18	49	FULTON	IN				7.69E+04	1.60E+04	.21	6.19E+06	9.54E+05	.15	5.18E+07	1.45E+07	.28	
18	51	GIBSON	IN				3.64E+04	1.22E+05	3.35	6.70E+06	7.42E+06	1.11	8.24E+07	2.93E+07	.36	
18	53	GRANT	IN				3.96E+06	1.33E+07	3.35	3.10E+06	7.00E+05	.23	5.66E+07	1.98E+07	.35	
18	55	GREENE	IN				3.40E+05	3.80E+05	1.12	4.05E+03	4.00E+03	1.01	3.67E+07	1.22E+07	.33	
18	57	HAMILTON	IN				1.21E+04	4.10E+04	3.35	2.99E+05	2.40E+05	.80	5.17E+07	1.66E+07	.32	
18	59	HANCOCK	IN				2.67E+05	1.00E+05	.37	8.09E+04	6.50E+04	.80	4.71E+07	1.78E+07	.38	
18	61	HARRISON	IN				4.05E+03	1.00E+03	.25	7.42E+06	1.99E+06	.27	2.40E+07	7.26E+06	.30	
18	63	HENDRICKS	IN				8.29E+05	8.32E+05	1.00	4.05E+04	3.20E+04	.80	5.12E+07	1.42E+07	.28	
18	65	HENRY	IN				3.59E+06	1.15E+07	3.21	7.32E+05	2.66E+05	.36	5.55E+07	2.03E+07	.37	
18	67	HOWARD	IN				4.18E+06	1.30E+07	3.12	5.92E+06	1.80E+06	.30	5.03E+07	1.90E+07	.38	
18	69	HUNTINGTON	IN				1.84E+05	4.11E+05	2.24	5.75E+06	1.29E+06	.22	5.38E+07	1.67E+07	.31	1.24E+04
18	71	JACKSON	IN				3.24E+04	9.70E+04	2.98	1.60E+07	1.14E+07	.71	5.15E+07	1.84E+07	.36	
18	73	JASPER	IN	2.14E+05	6.78E+05	3.16	2.51E+06	1.27E+06	.51	8.52E+06	1.27E+07	1.50	8.67E+07	3.53E+07	.41	
18	75	JAY	IN				2.45E+06	8.02E+06	3.27				5.00E+07	1.17E+07	.23	2.12E+04
18	77	JEFFERSON	IN				1.28E+06	1.34E+06	1.05	1.56E+06	1.41E+06	.90	1.51E+07	4.56E+06	.30	
18	79	JENNINGS	IN				2.43E+04	8.10E+04	3.35	1.31E+06	1.06E+06	.81	2.45E+07	7.50E+06	.31	
18	81	JOHNSON	IN				2.25E+05	3.40E+05	1.51	6.88E+04	4.10E+04	.60	4.28E+07	1.59E+07	.37	
18	83	KNOX	IN				5.89E+06	6.28E+06	1.07	1.20E+07	2.06E+07	1.71	1.07E+08	3.89E+07	.36	9.54E+02
18	85	KOSCIUSKO	IN	4.50E+04	1.41E+05	3.16	1.94E+05	2.24E+05	1.15	3.92E+06	1.02E+06	.26	7.61E+07	2.16E+07	.28	1.15E+03
18	87	LAGRANGE	IN				2.71E+05	9.00E+04	.33	5.25E+06	1.46E+06	.28	4.67E+07	1.30E+07	.28	8.00E+02
18	89	LAKE	IN	9.87E+05	2.71E+06	2.75	3.44E+06	6.25E+06	1.81	4.58E+06	4.43E+06	.97	4.56E+07	1.55E+07	.34	
18	91	LA PORTE	IN	3.44E+05	1.09E+06	3.16	5.17E+06	4.19E+06	.81	5.74E+06	1.02E+07	1.78	7.64E+07	2.35E+07	.31	
18	93	LAWRENCE	IN				2.02E+04	3.40E+04	1.70	1.19E+06	2.35E+05	.20	1.64E+07	5.26E+06	.32	
18	95	MADISON	IN				3.11E+06	9.11E+06	2.93	5.79E+05	6.61E+05	1.14	7.07E+07	2.56E+07	.36	2.11E+03
18	97	MARION	IN	9.23E+05	2.03E+06	2.20	4.17E+05	7.71E+05	1.85	4.37E+05	4.14E+05	.95	1.88E+07	6.19E+06	.33	
18	99	MARSHALL	IN				2.86E+06	5.60E+06	1.96	3.22E+06	1.12E+06	.35	5.66E+07	1.53E+07	.27	1.22E+03
18	101	MARTIN	IN							1.62E+04	8.00E+03	.51	8.90E+06	3.40E+06	.38	
18	103	MIAMI	IN				3.32E+06	1.11E+07	3.35	9.93E+05	2.36E+05	.24	5.40E+07	1.88E+07	.35	
18	105	MONROE	IN				5.31E+05	3.17E+05	.60	4.86E+04	5.50E+04	1.13	5.46E+06	1.87E+06	.34	
18	107	MONTGOMERY	IN				8.09E+03	2.00E+03	.22	3.64E+04	2.90E+04	.80	7.95E+07	2.37E+07	.30	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
18	109	MORGAN	IN				8.05E+05	1.06E+06	1.32				3.38E+07	1.17E+07	.35	
18	111	NEWTON	IN				4.65E+05	1.48E+05	.32	4.95E+06	3.20E+06	.65	6.92E+07	3.27E+07	.47	
18	113	NOBLE	IN				1.25E+06	1.43E+06	1.14	5.22E+06	1.40E+06	.27	5.20E+07	1.46E+07	.28	
18	115	OHIO	IN							1.21E+04	7.00E+03	.60	2.33E+06	8.28E+05	.35	
18	117	ORANGE	IN							1.57E+06	3.67E+05	.23	1.64E+07	5.83E+06	.36	
18	119	OWEN	IN							8.09E+03	2.40E+04	3.00	1.40E+07	3.99E+06	.29	
18	121	PARKE	IN				1.09E+05	7.80E+04	.72	2.63E+06	1.87E+06	.71	4.68E+07	1.37E+07	.29	
18	123	PERRY	IN							2.83E+04	3.10E+04	1.10	1.01E+07	2.82E+06	.28	8.00E+02
18	125	PIKE	IN							4.05E+03	5.00E+03	1.19	2.60E+07	8.70E+06	.33	
18	127	PORTER	IN				1.05E+05	1.98E+05	1.88	1.39E+06	4.78E+05	.34	5.35E+07	1.77E+07	.33	
18	129	POSEY	IN							3.60E+06	1.48E+06	.41	7.90E+07	2.60E+07	.33	
18	131	PULASKI	IN							8.95E+06	1.60E+07	1.79	6.87E+07	2.13E+07	.31	
18	133	PUTNAM	IN							3.64E+04	2.90E+04	.80	4.50E+07	1.23E+07	.27	
18	135	RANDOLPH	IN				1.09E+06	3.61E+06	3.29	2.43E+04	3.80E+04	1.58	7.58E+07	2.50E+07	.33	
18	137	RIPLEY	IN				3.43E+06	1.14E+07	3.33	4.45E+05	4.84E+05	1.09	3.49E+07	9.90E+06	.28	
18	139	RUSH	IN							4.05E+03	9.00E+03	2.32	7.06E+07	2.92E+07	.41	
18	141	ST JOSEPH	IN	1.66E+05	5.24E+05	3.16	1.23E+06	1.57E+06	1.27	8.53E+06	1.98E+07	2.32	5.62E+07	1.54E+07	.27	
18	143	SCOTT	IN				1.15E+07	3.46E+07	3.02	8.28E+06	6.63E+06	.80	1.09E+07	3.57E+06	.33	
18	145	SHELBY	IN	6.90E+04	2.17E+05	3.16	3.32E+05	1.10E+06	3.31	8.66E+05	4.04E+05	.47	6.93E+07	2.78E+07	.40	
18	147	SPENCER	IN				2.93E+04	5.00E+03	.17	2.91E+06	8.23E+05	.28	4.29E+07	1.24E+07	.29	
18	149	STARKE	IN				4.05E+03	4.00E+03	1.10	7.24E+05	1.74E+05	.24	3.63E+07	1.09E+07	.30	
18	151	STEUBEN	IN				1.62E+04	3.50E+04	2.18	1.00E+06	1.70E+06	1.69	3.16E+07	8.14E+06	.26	
18	153	SULLIVAN	IN				5.01E+06	7.93E+06	1.58	4.48E+06	6.18E+06	1.38	5.95E+07	1.70E+07	.29	
18	155	SWITZERLAND	IN							9.31E+04	5.60E+04	.60	5.74E+06	1.78E+06	.31	
18	157	TIPPECANOE	IN										7.60E+07	2.27E+07	.30	
18	159	TIPTON	IN				5.10E+06	1.65E+07	3.23	8.42E+05	2.42E+05	.29	4.69E+07	1.71E+07	.37	
18	161	UNION	IN							4.05E+03	4.00E+03	.93	2.38E+07	9.80E+06	.41	
18	163	VANDERBURGH	IN				1.86E+05	1.32E+05	.71	8.09E+03	9.00E+03	1.10	3.01E+07	1.00E+07	.33	
18	165	VERMILLION	IN							3.41E+06	1.15E+06	.34	2.93E+07	8.90E+06	.30	
18	167	VIGO	IN	4.90E+04	1.53E+05	3.16	8.90E+04	2.07E+05	2.33	6.40E+05	2.06E+05	.31	4.29E+07	1.13E+07	.26	
18	169	WABASH	IN							2.68E+06	5.02E+05	.19	6.70E+07	2.26E+07	.34	
18	171	WARREN	IN							8.11E+06	6.49E+06	.80	5.83E+07	2.26E+07	.39	
18	173	WARRICK	IN							8.09E+05	1.25E+05	.15	3.09E+07	9.46E+06	.31	
18	175	WASHINGTON	IN	1.25E+05	3.96E+05	3.16	2.61E+06	2.08E+06	.79	8.52E+06	4.25E+06	.50	3.46E+07	1.18E+07	.34	
18	177	WAYNE	IN				5.86E+05	1.62E+06	2.76	2.02E+04	1.60E+04	.80	4.66E+07	1.80E+07	.39	1.49E+03
18	179	WELLS	IN				2.12E+06	7.03E+06	3.32	4.47E+06	9.98E+05	.22	6.27E+07	1.91E+07	.30	
18	181	WHITE	IN				2.38E+05	2.57E+05	1.08	6.35E+06	1.46E+06	.23	8.23E+07	3.16E+07	.38	
18	183	WHITLEY	IN				3.32E+05	1.06E+06	3.19	1.25E+05	2.21E+05	1.76	5.34E+07	1.48E+07	.28	1.66E+04
19	0		IA	7.57E+05	2.36E+06	3.11	1.66E+07	2.91E+07	1.75	1.98E+08	9.79E+07	.49	6.73E+09	2.69E+09	.40	2.97E+06
19	1	ADAIR	IA							4.05E+03	3.00E+03	.67	5.66E+07	1.65E+07	.29	
19	3	ADAMS	IA							4.05E+03	3.00E+03	.63	3.61E+07	8.61E+06	.24	
19	5	ALLAMAKEE	IA							2.02E+04	1.00E+04	.47	3.22E+07	1.45E+07	.45	
19	7	APPANOOSE	IA				2.10E+05	1.16E+05	.55	1.29E+05	1.00E+04	.07	2.11E+07	6.38E+06	.30	
19	9	AUDUBON	IA							3.10E+06	6.71E+05	.22	5.68E+07	1.92E+07	.34	
19	11	BENTON	IA							8.09E+05	3.31E+05	.41	1.02E+08	4.92E+07	.48	1.09E+04
19	13	BLACK HAWK	IA				1.25E+05	1.41E+05	1.13	1.21E+05	1.21E+05	1.00	7.71E+07	3.72E+07	.48	
19	15	BOONE	IA							4.05E+03	2.00E+03	.45	8.69E+07	4.19E+07	.48	
19	17	BREMER	IA										5.53E+07	2.50E+07	.45	
19	19	BUCHANAN	IA				1.81E+04	9.00E+03	.51	4.05E+03	4.00E+03	.86	7.53E+07	3.60E+07	.48	6.46E+02
19	21	BUENA VISTA	IA				7.61E+05	4.18E+05	.55	1.55E+06	1.55E+06	1.00	9.20E+07	4.13E+07	.45	3.72E+05
19	23	BUTLER	IA										8.06E+07	3.33E+07	.41	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ----			----- EXPOSED PRODUCE ----			---- PROTECTED PRODUCE ---			----- GRAIN FOR FOOD -----			HONEY
				AREA	PRODUC-TION	PRODUC-TIVITY	AREA	PRODUC-TION	PRODUC-TIVITY	AREA	PRODUC-TION	PRODUC-TIVITY	AREA	PRODUC-TION	PRODUC-TIVITY	PROD.
				M**2	KG	KG/M**2	M**2	KG	KG/M**2	M**2	KG	KG/M**2	M**2	KG	KG/M**2	KG
19	25	CALHOUN	IA				3.06E+04	1.00E+04	.31	4.05E+03	1.00E+03	.29	9.17E+07	4.20E+07	.46	
19	27	CARROLL	IA							1.41E+06	1.49E+05	.18	8.70E+07	3.46E+07	.40	
19	29	CASS	IA							1.92E+06	3.84E+05	.20	6.48E+07	1.89E+07	.29	
19	31	CEDAR	IA				4.73E+04	6.30E+04	1.34	4.05E+03	4.00E+03	.95	8.20E+07	3.89E+07	.48	
19	33	CERRO GORDO	IA				4.05E+03		.12	1.71E+06	1.71E+06	1.00	8.96E+07	3.84E+07	.43	
19	35	CHEROKEE	IA							2.43E+04	2.30E+04	.96	7.71E+07	3.37E+07	.44	
19	37	CHICKASAW	IA										5.98E+07	2.10E+07	.35	
19	39	CLARKE	IA										2.23E+07	5.30E+06	.24	
19	41	CLAY	IA										8.04E+07	2.76E+07	.34	
19	43	CLAYTON	IA							1.40E+06	1.40E+06	1.00	6.13E+07	2.99E+07	.49	4.55E+04
19	45	CLINTON	IA							7.28E+04	7.30E+04	1.00	8.69E+07	3.53E+07	.41	
19	47	CRAWFORD	IA							2.24E+07	4.33E+06	.19	8.57E+07	2.88E+07	.34	
19	49	DALLAS	IA				5.07E+04	4.00E+03	.08				8.13E+07	3.37E+07	.42	
19	51	DAVIS	IA							2.02E+04	2.00E+04	1.00	2.65E+07	8.60E+06	.33	
19	53	DECATUR	IA										2.23E+07	6.42E+06	.29	
19	55	DELAWARE	IA							2.02E+04	4.10E+04	2.02	6.79E+07	3.20E+07	.47	
19	57	DES MOINES	IA				1.34E+05	8.00E+04	.60	8.09E+03	6.00E+03	.72	4.47E+07	2.11E+07	.47	
19	59	DICKINSON	IA							2.83E+04	2.50E+04	.89	5.47E+07	1.68E+07	.31	4.85E+04
19	61	DUBUQUE	IA							3.56E+05	3.62E+05	1.02	5.06E+07	2.22E+07	.44	
19	63	EMMET	IA										5.86E+07	2.52E+07	.43	
19	65	FAYETTE	IA				4.05E+03	1.00E+03	.13	2.17E+06	2.17E+06	1.00	8.47E+07	3.94E+07	.46	5.38E+03
19	67	FLOYD	IA							1.13E+05	1.13E+05	1.00	7.40E+07	2.58E+07	.35	6.55E+03
19	69	FRANKLIN	IA				4.35E+04	4.80E+04	1.11	1.48E+06	1.48E+06	1.00	8.83E+07	4.29E+07	.49	
19	71	FREMONT	IA							8.89E+06	9.13E+05	.10	7.08E+07	2.01E+07	.28	
19	73	GREENE	IA										9.03E+07	3.85E+07	.43	
19	75	GRUNDY	IA				2.03E+04	2.40E+04	1.16	7.05E+06	7.05E+06	1.00	8.01E+07	4.16E+07	.52	
19	77	GUTHRIE	IA							8.09E+03	3.00E+03	.37	5.86E+07	1.87E+07	.32	
19	79	HAMILTON	IA							4.05E+03	1.60E+04	3.93	9.32E+07	4.21E+07	.45	
19	81	HANCOCK	IA				7.14E+04	8.30E+04	1.16				9.09E+07	4.00E+07	.44	
19	83	HARDIN	IA							9.51E+05	9.51E+05	1.00	8.84E+07	4.61E+07	.52	4.85E+04
19	85	HARRISON	IA				1.56E+06	1.74E+06	1.12	1.28E+07	2.26E+06	.18	8.96E+07	2.57E+07	.29	
19	87	HENRY	IA							4.05E+03	2.00E+03	.51	4.97E+07	2.30E+07	.46	
19	89	HOWARD	IA										5.07E+07	1.29E+07	.26	
19	91	HUMBOLDT	IA										7.29E+07	3.39E+07	.47	
19	93	IDA	IA							8.13E+06	1.86E+06	.23	5.87E+07	2.59E+07	.44	
19	95	IOWA	IA							4.05E+03	3.00E+03	.85	5.83E+07	2.38E+07	.41	
19	97	JACKSON	IA							4.05E+04	3.90E+04	.97	4.29E+07	1.67E+07	.39	4.24E+05
19	99	JASPER	IA				2.03E+04	2.70E+04	1.35				8.60E+07	3.60E+07	.42	
19	101	JEFFERSON	IA										4.03E+07	1.49E+07	.37	
19	103	JOHNSON	IA				1.34E+05	1.21E+05	.91	2.25E+06	5.63E+05	.25	5.99E+07	2.52E+07	.42	1.09E+04
19	105	JONES	IA										5.96E+07	2.71E+07	.45	8.96E+03
19	107	KEOKUK	IA							4.13E+05	3.72E+05	.90	6.15E+07	2.68E+07	.44	
19	109	KOSSUTH	IA							4.70E+06	4.05E+06	.86	1.61E+08	7.33E+07	.46	
19	111	LEE	IA				1.49E+05	6.00E+04	.41	2.75E+05	3.95E+05	1.43	4.98E+07	2.00E+07	.40	
19	113	LINN	IA	1.09E+05	3.32E+05	3.04	5.02E+05	9.59E+05	1.91	1.69E+06	9.13E+05	.85	7.90E+07	3.49E+07	.44	2.84E+03
19	115	LOUISA	IA				8.34E+05	3.42E+06	4.10	3.01E+06	5.02E+06	1.67	4.72E+07	2.18E+07	.46	
19	117	LUCAS	IA										2.01E+07	5.23E+06	.26	3.85E+03
19	119	LYON	IA							4.53E+05	9.40E+04	.21	7.86E+07	2.14E+07	.27	
19	121	MADISON	IA										4.51E+07	1.42E+07	.31	
19	123	MAHASKA	IA										6.25E+07	2.67E+07	.43	
19	125	MARION	IA				1.37E+05	2.88E+05	2.10	4.05E+04	4.00E+04	1.00	4.31E+07	1.57E+07	.36	
19	127	MARSHALL	IA										8.22E+07	4.13E+07	.50	
19	129	MILLS	IA				2.27E+05	1.96E+05	.87	7.73E+05	1.25E+05	.16	5.82E+07	1.68E+07	.29	
19	131	MITCHELL	IA							1.21E+06	1.21E+06	1.00	6.51E+07	2.07E+07	.32	
19	133	MONONA	IA				5.58E+05	3.07E+05	.55	1.49E+07	2.53E+06	.17	9.35E+07	2.92E+07	.31	
19	135	MONROE	IA				1.03E+05	3.00E+04	.29				1.89E+07	5.61E+06	.30	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
19	137	MONTGOMERY	IA							2.52E+06	3.74E+05	.15	4.83E+07	1.44E+07	.30	1.54E+04
19	139	MUSCATINE	IA				3.08E+06	1.21E+07	3.94	2.34E+06	3.89E+06	1.66	5.35E+07	2.30E+07	.43	
19	141	O'BRIEN	IA							3.72E+05	7.60E+04	.20	8.69E+07	3.36E+07	.39	
19	143	OSCEOLA	IA										6.08E+07	1.74E+07	.29	
19	145	PAGE	IA							6.92E+05	8.10E+04	.12	5.88E+07	1.48E+07	.25	2.21E+05
19	147	PALO ALTO	IA										8.79E+07	3.78E+07	.43	
19	149	PLYMOUTH	IA							1.89E+06	5.33E+05	.28	1.25E+08	4.38E+07	.35	
19	151	POCAHONTAS	IA										9.49E+07	4.24E+07	.45	
19	153	POLK	IA	8.90E+04	2.79E+05	3.13	2.35E+05	5.81E+05	2.28	2.14E+05	2.12E+05	.99	6.25E+07	2.36E+07	.38	
19	155	POTTAWATTAMI	IA				8.06E+05	8.09E+05	1.00	3.48E+06	7.72E+05	.22	1.20E+08	3.36E+07	.26	6.03E+04
19	157	POWESHIEK	IA										6.82E+07	2.65E+07	.39	
19	159	RINGGOLD	IA										3.12E+07	6.54E+06	.21	
19	161	SAC	IA							1.18E+07	3.15E+06	.27	8.60E+07	3.85E+07	.45	
19	163	SCOTT	IA				1.39E+05	1.93E+05	1.38	3.04E+05	7.99E+05	2.63	5.43E+07	2.40E+07	.44	
19	165	SHELBY	IA				7.44E+04	1.13E+05	1.52	1.65E+07	3.43E+06	.21	8.50E+07	2.94E+07	.35	2.79E+05
19	167	SIOUX	IA							2.51E+06	3.37E+05	.13	1.17E+08	4.55E+07	.39	
19	169	STORY	IA				1.21E+04	3.00E+03	.23	3.72E+05	4.04E+05	1.09	8.83E+07	4.10E+07	.46	
19	171	TAMA	IA							4.05E+03	3.00E+03	.80	9.04E+07	4.45E+07	.49	
19	173	TAYLOR	IA										3.88E+07	7.44E+06	.19	
19	175	UNION	IA										2.76E+07	6.83E+06	.25	
19	177	VAN BUREN	IA							8.09E+03	5.00E+03	.61	3.22E+07	1.14E+07	.35	
19	179	WAPELLO	IA				5.61E+04	6.50E+04	1.16	4.05E+03	4.00E+03	.98	3.20E+07	1.31E+07	.41	
19	181	WARREN	IA				2.95E+05	2.41E+05	.82	2.43E+04	2.60E+04	1.07	4.30E+07	1.43E+07	.33	
19	183	WASHINGTON	IA							1.23E+06	1.23E+06	1.00	6.82E+07	2.92E+07	.43	
19	185	WAYNE	IA							1.09E+06	2.44E+05	.22	3.28E+07	1.02E+07	.31	
19	187	WEBSTER	IA							9.71E+04	1.04E+05	1.07	1.12E+08	5.27E+07	.47	
19	189	WINNEBAGO	IA							3.51E+06	2.14E+06	.61	6.50E+07	2.60E+07	.40	
19	191	WINNESHIEK	IA							2.02E+04	1.20E+04	.60	5.47E+07	2.31E+07	.42	
19	193	WOODBURY	IA							9.65E+06	1.86E+06	.19	1.14E+08	3.92E+07	.34	2.96E+05
19	195	WORTH	IA										5.99E+07	2.31E+07	.39	
19	197	WRIGHT	IA										9.91E+07	4.60E+07	.46	
20	0		KS	1.71E+06	3.58E+06	2.10	1.36E+07	1.15E+07	.85	2.08E+08	9.89E+07	.47	1.40E+10	2.74E+09	.20	7.29E+05
20	1	ALLEN	KS				4.05E+03	1.00E+03	.25	2.43E+04	2.00E+04	.83	4.21E+07	6.47E+06	.15	
20	3	ANDERSON	KS							2.83E+04	2.60E+04	.92	4.56E+07	6.94E+06	.15	4.88E+02
20	5	ATCHISON	KS							6.88E+04	7.10E+04	1.03	4.21E+07	8.19E+06	.19	
20	7	BARBER	KS										1.98E+08	3.44E+07	.17	
20	9	BARTON	KS							6.88E+04	1.31E+05	1.90	2.60E+08	3.70E+07	.14	
20	11	BOURBON	KS							1.62E+04	2.80E+04	1.75	2.79E+07	4.54E+06	.16	
20	13	BROWN	KS							8.09E+03	1.50E+04	1.87	7.51E+07	1.67E+07	.22	
20	15	BUTLER	KS							8.09E+03	6.00E+03	.78	9.92E+07	1.70E+07	.17	
20	17	CHASE	KS							4.05E+03	9.00E+03	2.22	2.43E+07	4.43E+06	.18	
20	19	CHAUTAUQUA	KS							4.05E+03	1.00E+03	.24	2.30E+07	3.93E+06	.17	
20	21	CHEROKEE	KS							3.44E+06	3.00E+03		8.42E+07	1.30E+07	.15	
20	23	CHEYENNE	KS							1.47E+07	4.46E+06	.30	1.83E+08	4.21E+07	.23	
20	25	CLARK	KS										1.23E+08	1.98E+07	.16	
20	27	CLAY	KS										1.10E+08	2.43E+07	.22	
20	29	CLOUD	KS							8.09E+03	3.00E+03	.41	1.67E+08	3.40E+07	.20	
20	31	COFFEY	KS							2.43E+04	9.00E+03	.38	4.40E+07	6.87E+06	.16	
20	33	COMANCHE	KS										1.19E+08	1.79E+07	.15	
20	35	COWLEY	KS							1.50E+05	2.92E+05	1.95	1.72E+08	3.50E+07	.20	
20	37	CRAWFORD	KS				4.05E+04	6.90E+04	1.70	1.62E+04	1.50E+04	.92	5.33E+07	8.93E+06	.17	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
20	39	DECATUR	KS										1.34E+08	3.09E+07	.23	
20	41	DICKINSON	KS							1.05E+05	1.98E+05	1.88	2.04E+08	3.90E+07	.19	1.72E+03
20	43	DONIPHAN	KS				2.35E+06	2.71E+06	1.16	2.45E+06	3.17E+05	.13	5.21E+07	1.82E+07	.35	
20	45	DOUGLAS	KS				1.14E+05	5.40E+04	.48	1.21E+06	2.87E+05	.24	3.53E+07	6.88E+06	.19	9.44E+02
20	47	EDWARDS	KS										1.52E+08	2.57E+07	.17	
20	49	ELK	KS							4.05E+03	1.00E+03	.30	1.93E+07	3.14E+06	.16	
20	51	ELLIS	KS										1.48E+08	1.93E+07	.13	
20	53	ELLSWORTH	KS										1.29E+08	1.64E+07	.13	
20	55	FINNEY	KS							4.02E+06	1.79E+06	.45	2.40E+08	6.21E+07	.26	
20	57	FORD	KS										2.84E+08	5.32E+07	.19	
20	59	FRANKLIN	KS							6.07E+04	3.00E+03	.05	4.23E+07	7.06E+06	.17	
20	61	GEARY	KS										2.79E+07	6.23E+06	.22	
20	63	GOVE	KS							4.05E+03		.09	1.53E+08	3.36E+07	.22	
20	65	GRAHAM	KS							8.09E+03	7.00E+03	.90	1.36E+08	2.52E+07	.19	
20	67	GRANT	KS							1.80E+07	7.91E+06	.41	1.07E+08	2.78E+07	.26	
20	69	GRAY	KS										2.26E+08	6.03E+07	.27	
20	71	GREELEY	KS										2.01E+08	4.38E+07	.22	
20	73	GREENWOOD	KS										2.43E+07	4.31E+06	.18	
20	75	HAMILTON	KS										2.01E+08	3.70E+07	.18	
20	77	HARPER	KS										3.37E+08	5.93E+07	.18	
20	79	HARVEY	KS				4.05E+03	1.70E+04	4.10	1.82E+05	2.14E+05	1.18	1.43E+08	2.42E+07	.17	
20	81	HASKELL	KS							1.16E+07	6.94E+06	.60	1.71E+08	5.53E+07	.32	
20	83	HODGEMAN	KS										1.57E+08	2.92E+07	.19	
20	85	JACKSON	KS							8.09E+03	4.00E+03	.14	4.15E+07	7.42E+06	.18	
20	87	JEFFERSON	KS							1.82E+06	4.79E+05	.26	3.61E+07	7.44E+06	.21	
20	89	JEWELL	KS							2.83E+04	3.00E+04	1.06	1.43E+08	2.83E+07	.20	
20	91	JOHNSON	KS	1.13E+05	2.87E+05	2.53	3.40E+05	7.63E+05	2.24	6.60E+05	9.26E+05	1.40	2.93E+07	5.41E+06	.18	
20	93	KEARNY	KS							3.69E+06	1.87E+06	.51	1.56E+08	3.65E+07	.23	
20	95	KINGMAN	KS				1.62E+04	5.40E+04	3.35	1.05E+05	1.49E+05	1.42	2.76E+08	4.94E+07	.18	
20	97	KIOWA	KS										1.35E+08	2.14E+07	.16	
20	99	LABETTE	KS				4.45E+04	1.10E+04	.24	1.89E+05	2.01E+05	1.06	6.25E+07	9.00E+06	.14	
20	101	LANE	KS										1.64E+08	3.62E+07	.22	
20	103	LEAVENWORTH	KS				1.21E+04	3.80E+04	3.10	7.04E+05	1.31E+06	1.86	2.75E+07	5.28E+06	.19	
20	105	LINCOLN	KS				1.00E+05	1.06E+05	1.06	2.02E+05	1.81E+05	.89	1.47E+08	2.42E+07	.16	
20	107	LINN	KS				1.21E+04	5.00E+04	4.10	1.35E+06	3.20E+04	.02	2.58E+07	4.16E+06	.16	
20	109	LOGAN	KS							8.30E+05	2.67E+05	.32	1.65E+08	3.49E+07	.21	
20	111	LYON	KS				7.05E+04	4.00E+04	.57	1.21E+04	1.90E+04	1.54	4.21E+07	7.00E+06	.17	5.40E+02
20	113	MC PHERSON	KS							2.75E+05	5.20E+05	1.89	2.73E+08	5.23E+07	.19	
20	115	MARION	KS							6.88E+04	3.80E+04	.56	1.63E+08	2.91E+07	.18	
20	117	MARSHALL	KS							2.43E+04	2.30E+04	.94	1.09E+08	2.38E+07	.22	
20	119	MEADE	KS										1.79E+08	3.40E+07	.19	1.76E+03
20	121	MIAMI	KS				2.96E+05	1.10E+05	.37	6.88E+04	7.10E+04	1.03	3.29E+07	5.99E+06	.18	
20	123	MITCHELL	KS										2.04E+08	3.64E+07	.18	
20	125	MONTGOMERY	KS				2.02E+04	6.00E+03	.28	2.02E+04	1.10E+04	.56	5.98E+07	9.93E+06	.17	
20	127	MORRIS	KS							4.05E+03	1.00E+03	.37	6.23E+07	1.13E+07	.18	
20	129	MORTON	KS										1.17E+08	1.65E+07	.14	
20	131	NEMAHA	KS							2.43E+04	1.60E+04	.65	5.68E+07	9.87E+06	.17	
20	133	NEOSHO	KS				1.29E+05	2.27E+05	1.76	1.54E+05	2.84E+05	1.85	5.52E+07	8.84E+06	.16	
20	135	NESS	KS										2.12E+08	3.73E+07	.18	
20	137	NORTON	KS							4.45E+04	3.80E+04	.85	1.24E+08	2.70E+07	.22	
20	139	OSAGE	KS				1.21E+04	2.00E+03	.16	3.64E+04	3.00E+04	.82	4.26E+07	7.18E+06	.17	
20	141	OSBORNE	KS										1.52E+08	2.52E+07	.17	
20	143	OTTAWA	KS							4.05E+03	1.00E+03	.25	1.77E+08	3.49E+07	.20	
20	145	PAWNEE	KS							4.05E+03	1.00E+03	.29	2.11E+08	3.84E+07	.18	
20	147	PHILLIPS	KS							4.05E+03	2.00E+03	.39	1.11E+08	2.24E+07	.20	
20	149	POTTAWATOMIE	KS							4.05E+03	3.00E+03	.74	4.43E+07	9.44E+06	.21	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
20	151	PRATT	KS										2.17E+08	3.73E+07	.17	
20	153	RAWLINS	KS										1.81E+08	3.59E+07	.20	
20	155	RENO	KS				1.21E+04	5.00E+04	4.10	2.59E+05	4.90E+05	1.89	3.95E+08	7.20E+07	.18	
20	157	REPUBLIC	KS							8.09E+03	5.00E+03	.56	1.31E+08	3.26E+07	.25	
20	159	RICE	KS										1.95E+08	3.54E+07	.18	
20	161	RILEY	KS				2.43E+04	1.00E+05	4.10	6.31E+05	1.17E+06	1.85	3.82E+07	8.45E+06	.22	
20	163	ROOKS	KS										1.35E+08	2.01E+07	.15	9.60E+03
20	165	RUSH	KS										1.72E+08	2.18E+07	.13	
20	167	RUSSELL	KS							4.05E+03	5.00E+03	1.26	1.43E+08	1.61E+07	.11	
20	169	SALINE	KS							4.05E+03	5.00E+03	1.17	1.74E+08	3.05E+07	.18	
20	171	SCOTT	KS										1.81E+08	4.57E+07	.25	
20	173	SEDGWICK	KS	4.00E+04	1.27E+05	3.13	1.97E+06	1.04E+06	.53	5.26E+05	7.25E+05	1.38	3.11E+08	6.00E+07	.19	
20	175	SEWARD	KS										1.04E+08	2.07E+07	.20	
20	177	SHAWNEE	KS	6.10E+04	1.90E+05	3.13	3.24E+05	5.36E+05	1.66	1.40E+06	1.79E+06	1.27	4.10E+07	9.17E+06	.22	
20	179	SHERIDAN	KS							5.10E+06	2.46E+06	.48	1.36E+08	3.43E+07	.25	
20	181	SHERMAN	KS							7.10E+07	2.92E+07	.41	2.27E+08	5.91E+07	.26	
20	183	SMITH	KS							1.62E+04	1.80E+04	1.08	1.29E+08	2.72E+07	.21	
20	185	STAFFORD	KS							1.27E+06	1.77E+06	1.39	1.95E+08	3.62E+07	.19	
20	187	STANTON	KS							1.55E+07	7.35E+06	.47	2.11E+08	4.88E+07	.23	
20	189	STEVENS	KS										1.34E+08	2.81E+07	.21	
20	191	SUMNER	KS				7.70E+05	5.03E+05	.65	1.86E+05	3.13E+05	1.68	5.38E+08	1.02E+08	.19	8.60E+02
20	193	THOMAS	KS							7.08E+05	2.75E+05	.39	3.04E+08	7.00E+07	.23	
20	195	TREGO	KS							4.05E+03	1.00E+03	.13	1.30E+08	2.12E+07	.16	
20	197	WABAUNSEE	KS							1.62E+04	2.00E+04	1.25	3.25E+07	6.05E+06	.19	
20	199	WALLACE	KS							2.44E+07	1.05E+07	.43				
20	201	WASHINGTON	KS							8.09E+03	5.00E+03	.65	1.16E+08	2.52E+07	.22	1.70E+05
20	203	WICHITA	KS							2.05E+06	7.13E+05	.35	1.58E+08	4.66E+07	.29	
20	205	WILSON	KS				8.09E+03	1.80E+04	2.20	1.54E+05	6.60E+04	.43	5.87E+07	9.94E+06	.17	1.60E+03
20	207	WOODSON	KS										1.97E+07	2.98E+06	.15	
20	209	WYANDOTTE	KS	1.23E+06	2.40E+06	1.95	6.43E+05	1.58E+06	2.46	5.08E+06	5.76E+06	1.13	4.62E+06	1.09E+06	.24	
21	0		KY	2.11E+06	4.64E+06	2.20	2.10E+07	1.58E+07	.75	5.40E+07	3.06E+07	.57	1.03E+09	3.22E+08	.31	8.20E+04
21	1	ADAIR	KY				8.90E+04	8.20E+04	.92	3.56E+05	4.87E+05	1.37	4.95E+06	1.80E+06	.36	
21	3	ALLEN	KY				2.43E+04	8.00E+03	.35	6.88E+04	6.70E+04	.97	5.74E+06	1.68E+06	.29	8.40E+02
21	5	ANDERSON	KY							5.67E+04	6.30E+04	1.11	6.94E+05	3.21E+05	.46	
21	7	BALLARD	KY				8.09E+04	6.40E+04	.79	4.05E+04	1.80E+04	.44	2.13E+07	4.10E+06	.19	
21	9	BARREN	KY				7.28E+04	3.20E+04	.44	2.23E+05	2.44E+05	1.09	1.30E+07	4.80E+06	.37	
21	11	BATH	KY				3.64E+04	3.40E+04	.92	1.62E+05	2.19E+05	1.35	2.27E+06	9.74E+05	.43	
21	13	BELL	KY							8.09E+03	7.00E+03	.86	6.57E+04	3.50E+04	.53	
21	15	BOONE	KY	3.20E+04	1.01E+05	3.13	1.46E+06	1.79E+06	1.22	6.80E+05	9.67E+05	1.42	2.12E+06	8.75E+05	.41	
21	17	BOURBON	KY	1.60E+04	5.10E+04	3.13	9.71E+04	1.06E+05	1.09	5.26E+04	3.30E+04	.63	9.86E+06	3.89E+06	.39	8.66E+02
21	19	BOYD	KY							2.02E+04	4.70E+04	2.30	2.17E+05	8.41E+04	.39	
21	21	BOYLE	KY				1.78E+05	6.20E+04	.35	1.66E+05	2.00E+05	1.21	4.53E+06	1.49E+06	.33	
21	23	BRACKEN	KY							1.13E+05	1.43E+05	1.26	1.56E+06	5.37E+05	.34	
21	25	BREATHITT	KY							2.43E+05	2.21E+05	.91	4.61E+05	2.12E+05	.46	
21	27	BRECKINRIDGE	KY				6.57E+04	5.40E+04	.82	2.12E+05	2.35E+05	1.11	2.05E+07	6.29E+06	.31	
21	29	BULLITT	KY				1.61E+05	1.22E+05	.76	1.86E+05	1.56E+05	.84	3.04E+06	9.36E+05	.31	
21	31	BUTLER	KY				5.26E+04	3.90E+04	.73	1.05E+05	9.30E+04	.89	8.24E+06	2.17E+06	.26	
21	33	CALDWELL	KY				1.21E+04	5.00E+03	.38	2.02E+04	1.70E+04	.85	1.60E+07	4.55E+06	.28	
21	35	CALLOWAY	KY				1.21E+04	1.30E+04	1.11	8.32E+06	2.12E+06	.25	2.83E+07	7.20E+06	.25	
21	37	CAMPBELL	KY	2.06E+05	3.08E+05	1.49	5.12E+05	3.13E+05	.61	5.58E+05	5.52E+05	.99	5.26E+05	1.96E+05	.37	
21	39	CARLISLE	KY				3.68E+05	2.20E+05	.60	2.43E+04	2.40E+04	.99	9.48E+06	1.94E+06	.20	

APPENDIX B (CONTINUED)

IS	CO	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
21	41	CARROLL	KY				1.21E+04	1.30E+04	1.11	3.64E+04	1.50E+04	.40	1.29E+06	4.60E+05	.36	
21	43	CARTER	KY				4.05E+03	1.00E+03	.36	1.94E+05	1.33E+05	.68	7.49E+05	3.35E+05	.45	6.21E+02
21	45	CASEY	KY				8.34E+05	5.21E+05	.62	5.02E+05	4.03E+05	.80	3.24E+06	1.15E+06	.35	
21	47	CHRISTIAN	KY				8.09E+04	5.60E+04	.70	5.24E+06	1.29E+06	.25	6.73E+07	1.85E+07	.28	
21	49	CLARK	KY							1.34E+05	8.00E+04	.60	3.45E+06	1.60E+06	.49	
21	51	CLAY	KY				1.38E+05	1.11E+05	.80	1.34E+05	1.29E+05	.96	6.03E+05	2.50E+05	.41	
21	53	CLINTON	KY				1.44E+05	1.63E+05	1.13	3.08E+05	2.29E+05	.74	1.93E+06	6.73E+05	.35	
21	55	CRITTENDEN	KY							3.28E+05	4.60E+04	.14	1.03E+07	2.79E+06	.27	
21	57	CUMBERLAND	KY				3.24E+04	3.40E+04	1.04	3.08E+05	2.82E+05	.92	1.79E+06	5.63E+05	.31	
21	59	DAVIESS	KY	4.50E+04	1.39E+05	3.13	4.83E+05	6.06E+05	1.25	1.49E+06	1.03E+06	.69	4.18E+07	1.45E+07	.35	
21	61	EDMONSON	KY				1.21E+04	1.30E+04	1.11	3.64E+05	2.24E+05	.61	4.37E+06	1.30E+06	.30	
21	63	ELLIOTT	KY							3.20E+05	2.28E+05	.71	4.08E+05	1.68E+05	.41	1.78E+03
21	65	ESTILL	KY				2.43E+04	2.40E+04	.98	1.94E+05	2.86E+05	1.47	1.15E+06	4.34E+05	.38	
21	67	FAYETTE	KY	2.80E+04	8.10E+04	2.85	9.71E+04	7.80E+04	.80	1.21E+05	1.47E+05	1.21	4.28E+06	1.91E+06	.45	
21	69	FLEMING	KY				1.62E+04	1.50E+04	.92	1.86E+05	1.35E+05	.72	4.00E+06	1.85E+06	.46	
21	71	FLOYD	KY							8.09E+04	4.50E+04	.56				1.02E+04
21	73	FRANKLIN	KY				2.02E+04	3.00E+03	.13	4.86E+04	6.60E+04	1.36	9.92E+05	3.64E+05	.37	
21	75	FULTON	KY										2.51E+07	5.07E+06	.20	
21	77	GALLATIN	KY							9.71E+04	2.06E+05	2.12	7.61E+05	2.24E+05	.29	
21	79	GARRARD	KY				2.83E+04	2.60E+04	.92	7.28E+04	7.30E+04	1.00	2.64E+06	9.35E+05	.35	
21	81	GRANT	KY							2.10E+05	1.29E+05	.61	7.94E+05	2.89E+05	.36	
21	83	GRAVES	KY				1.58E+05	1.01E+05	.64	2.33E+06	5.82E+05	.25	4.46E+07	1.15E+07	.26	
21	85	GRAYSON	KY				2.19E+05	1.95E+05	.89	4.40E+05	3.42E+05	.78	9.48E+06	2.85E+06	.30	
21	87	GREEN	KY				4.05E+03	4.00E+03	1.11	4.01E+05	1.87E+05	.47	6.35E+06	2.42E+06	.38	
21	89	GREENUP	KY				7.28E+04	8.10E+04	1.11	2.19E+05	1.75E+05	.80	1.22E+06	3.93E+05	.32	
21	91	HANCOCK	KY							2.43E+04	3.80E+04	1.55	5.05E+06	1.38E+06	.27	
21	93	HARDIN	KY				4.45E+04	4.90E+04	1.10	2.56E+06	7.38E+05	.29	1.87E+07	6.87E+06	.37	2.58E+04
21	95	HARLAN	KY							4.05E+03	3.00E+03	.79	2.58E+04	6.30E+03	.24	
21	97	HARRISON	KY				8.50E+04	6.00E+04	.70	1.54E+05	1.88E+05	1.22	3.62E+06	1.63E+06	.45	
21	99	HART	KY				2.83E+04	2.00E+04	.70	2.47E+05	2.36E+05	.96	5.91E+06	2.22E+06	.38	1.33E+03
21	101	HENDERSON	KY				2.02E+04	1.10E+04	.52	1.21E+04	6.00E+03	.52	4.79E+07	1.77E+07	.37	
21	103	HENRY	KY							7.28E+04	5.70E+04	.78	4.13E+06	1.74E+06	.42	
21	105	HICKMAN	KY				1.46E+05	5.40E+04	.37	4.05E+03	1.00E+03	.37	2.63E+07	6.13E+06	.23	
21	107	HOPKINS	KY				4.05E+03	4.00E+03	1.11	2.43E+04	3.80E+04	1.55	2.51E+07	8.85E+06	.35	
21	109	JACKSON	KY				5.77E+04	4.50E+04	.78	5.91E+05	6.06E+05	1.03	7.46E+05	3.02E+05	.41	
21	111	JEFFERSON	KY	5.14E+05	1.23E+06	2.39	4.86E+05	4.98E+05	1.03	8.84E+05	9.64E+05	1.09	3.82E+06	1.24E+06	.33	
21	113	JESSAMINE	KY				2.43E+04	1.30E+04	.54	9.31E+04	1.08E+05	1.16	1.67E+06	6.01E+05	.36	
21	115	JOHNSON	KY				4.05E+03	4.00E+03	1.11	1.48E+05	2.32E+05	1.57	1.20E+05	2.08E+04	.17	
21	117	KENTON	KY				1.17E+05	1.05E+05	.90	1.09E+05	1.29E+05	1.18	5.13E+05	2.04E+05	.40	
21	119	KNOTT	KY							1.00E+00						
21	121	KNOX	KY							2.55E+05	3.07E+05	1.20	5.05E+05	2.07E+05	.41	2.28E+02
21	123	LARUE	KY				2.02E+05	1.13E+05	.56	2.70E+06	7.40E+05	.27	9.29E+06	3.63E+06	.39	
21	125	LAUREL	KY				6.07E+04	5.00E+04	.82	6.96E+05	5.53E+05	.79	9.58E+05	3.96E+05	.41	
21	127	LAURENCE	KY				3.24E+04	1.20E+04	.36	1.29E+05	1.20E+05	.99	4.37E+05	2.11E+05	.48	
21	129	LEE	KY				8.50E+04	7.90E+04	.93	7.60E+04	5.20E+04	.68	2.36E+05	1.16E+05	.49	
21	131	LESLIE	KY							4.82E+05	2.13E+05	.44				
21	133	LETCHER	KY							1.62E+04	1.20E+04	.77				
21	135	LEWIS	KY				4.05E+04	2.30E+04	.56	1.90E+05	1.58E+05	.83	2.14E+06	8.16E+05	.38	
21	137	LINCOLN	KY				2.05E+05	1.77E+05	.86	2.14E+05	2.62E+05	1.22	4.19E+06	1.74E+06	.42	9.60E+02
21	139	LIVINGSTON	KY							4.05E+03	1.00E+03	.33	9.34E+06	2.57E+06	.28	
21	141	LOGAN	KY				5.67E+04	2.50E+04	.44	3.56E+05	2.35E+05	.66	4.85E+07	1.29E+07	.27	6.24E+02
21	143	LYON	KY							1.56E+05	2.44E+05	1.56	4.55E+06	1.33E+06	.29	
21	145	MC CRACKEN	KY	1.17E+05	1.63E+05	1.39	3.34E+05	2.99E+05	.89	3.48E+05	5.67E+05	1.63	1.20E+07	2.26E+06	.19	
21	147	MC CREARY	KY							8.50E+04	1.27E+05	1.49	1.08E+05	2.61E+04	.24	
21	149	MC LEAN	KY							8.09E+04	1.83E+05	2.26	2.42E+07	8.15E+06	.31	
21	151	MADISON	KY				8.09E+04	7.10E+04	.88	1.66E+05	1.56E+05	.94	2.87E+06	1.35E+06	.47	

APPENDIX B (CONTINUED)

ST	CO	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
21	153	MAGOFFIN	KY							4.17E+05	6.24E+05	1.50	3.93E+05	1.49E+05	.38	
21	155	MARION	KY				2.14E+05	1.97E+05	.92	2.27E+05	1.98E+05	.87	6.57E+06	2.17E+06	.33	
21	157	MARSHALL	KY				5.67E+04	1.70E+04	.29	2.48E+06	5.11E+05	.21	1.01E+07	2.08E+06	.20	
21	159	MARTIN	KY							4.05E+03	2.00E+03	.54				
21	161	MASON	KY				1.21E+04	2.00E+03	.17	1.17E+05	1.49E+05	1.27	6.47E+06	2.39E+06	.37	
21	163	MEADE	KY				1.21E+04	1.30E+04	1.10	4.05E+05	3.85E+05	.95	1.27E+07	3.89E+06	.31	
21	165	MENIFEE	KY							4.05E+04	3.20E+04	.79	3.44E+05	1.35E+05	.39	
21	167	MERCER	KY				2.02E+04	3.90E+03	.16	1.38E+05	2.26E+05	1.64	3.26E+06	1.31E+06	.40	
21	169	METCALFE	KY				2.43E+04	1.60E+04	.66	1.66E+05	1.03E+05	.62	4.38E+06	1.66E+06	.38	
21	171	MONROE	KY				4.45E+04	4.10E+04	.92	5.06E+05	4.18E+05	.83	4.27E+06	1.36E+06	.32	
21	173	MONTGOMERY	KY				4.05E+04	3.70E+04	.92	2.59E+05	1.95E+05	.75	1.49E+06	6.22E+05	.42	
21	175	MORGAN	KY							2.14E+05	3.18E+05	1.49	7.48E+05	3.53E+05	.47	
21	177	MUHLENBERG	KY				8.09E+03	3.00E+03	.36	2.06E+05	9.40E+04	.45	1.02E+07	3.10E+06	.30	
21	179	NELSON	KY				4.05E+03	4.00E+03	1.11	7.24E+05	2.59E+05	.36	1.12E+07	3.93E+06	.35	
21	181	NICHOLAS	KY				2.43E+04	2.00E+04	.83	1.17E+05	4.20E+04	.36	1.49E+06	5.73E+05	.38	
21	183	OHIO	KY				1.31E+05	2.32E+05	1.77	1.04E+05	6.10E+04	.58	1.59E+07	5.35E+06	.34	
21	185	OLDHAM	KY							2.27E+05	5.04E+05	2.23	7.11E+06	2.40E+06	.34	
21	187	OWEN	KY							1.42E+05	1.07E+05	.75	8.31E+05	2.90E+05	.35	
21	189	OWSLEY	KY							1.90E+05	1.74E+05	.91	2.91E+05	1.09E+05	.37	
21	191	PENDLETON	KY				1.62E+04	1.80E+04	1.11	1.05E+05	8.60E+04	.82	1.09E+06	4.82E+05	.44	
21	193	PERRY	KY							8.50E+04	6.70E+04	.78	1.03E+05	3.02E+04	.29	
21	195	PIKE	KY							1.70E+05	4.30E+04	.25	7.88E+04	2.75E+04	.35	
21	197	POWELL	KY				2.43E+04	2.20E+04	.92	6.88E+04	4.80E+04	.70	9.47E+05	3.26E+05	.34	
21	199	PULASKI	KY				6.55E+05	8.13E+05	1.24	7.04E+05	8.26E+05	1.17	5.66E+06	2.28E+06	.40	9.60E+02
21	201	ROBERTSON	KY							1.21E+04	7.00E+03	.60	2.21E+05	1.07E+05	.48	
21	203	ROCKCASTLE	KY				1.21E+05	1.09E+05	.90	2.87E+05	2.80E+05	.98	1.34E+06	6.66E+05	.50	6.39E+02
21	205	ROWAN	KY	8.00E+03	2.50E+04	3.13	9.31E+04	3.70E+04	.39	1.25E+05	8.90E+04	.71	8.95E+05	4.32E+05	.48	
21	207	RUSSELL	KY				3.02E+05	3.17E+05	1.05	2.39E+05	2.92E+05	1.22	3.72E+06	1.21E+06	.32	
21	209	SCOTT	KY	2.80E+04	8.90E+04	3.13	9.31E+04	9.90E+04	1.06	1.34E+05	5.[illegible]4	.41	3.[illegible]E+06	1.23E+06	.36	
21	211	SHELBY	KY				9.81E+04	8.50E+04	.86	9.71E+04	1.[illegible]E+05	1.19	1.18E+07	4.62E+06	.39	4.49E+03
21	213	SIMPSON	KY				4.05E+03	1.00E+03	.28	4.45E+04	3.50E+04	.79	4.36E+07	1.22E+07	.28	
21	215	SPENCER	KY							3.[illegible]E+04	2.70E+04	.75	5.11E+06	2.10E+06	.41	
21	217	TAYLOR	KY				6.07E+04	5.90E+04	.97	9.71E+04	1.17E+05	1.20	7.46E+06	2.67E+06	.36	
21	219	TODD	KY				8.09E+03	1.00E+03	.14	2.71E+06	7.68E+05	.28	4.43E+07	1.25E+07	.28	
21	221	TRIGG	KY				4.86E+04	5.40E+04	1.11	4.86E+04	6.20E+04	1.29	1.90E+07	5.24E+06	.28	
21	223	TRIMBLE	KY	7.70E+04	2.41E+05	3.13	1.03E+05	7.54E+05	.74	7.28E+04	7.20E+04	.99	3.65E+06	1.18E+06	.32	
21	225	UNION	KY							2.66E+06	8.53E+05	.32	4.93E+07	1.98E+07	.40	
21	227	WARREN	KY				1.83E+05	1.55E+05	.85	3.12E+05	3.15E+05	1.01	2.20E+07	6.19E+06	.28	
21	229	WASHINGTON	KY							6.07E+04	9.50E+04	1.56	4.69E+06	1.55E+06	.33	9.36E+02
21	231	WAYNE	KY	2.91E+05	9.12E+05	3.13	1.70E+06	7.85E+05	.46	6.46E+05	4.01E+05	.62	6.74E+06	1.88E+06	.28	1.20E+03
21	233	WEBSTER	KY				3.09E+05	1.31E+05	.43	6.07E+04	4.00E+04	.66	3.13E+07	1.10E+07	.35	
21	235	WHITLEY	KY				4.05E+04	2.60E+04	.65	4.57E+05	4.01E+05	.88	3.55E+05	1.01E+05	.28	
21	237	WOLFE	KY							8.90E+04	1.46E+05	1.64	5.02E+05	1.85E+05	.37	
21	239	WOODFORD	KY							1.62E+04	2.50E+04	1.55	2.87E+06	1.07E+06	.37	
22	0		LA	6.12E+06	7.55E+06	1.23	1.52E+07	1.17E+07	.77	2.05E+09	1.03E+09	.50	4.60E+08	7.96E+07	.17	1.02E+06
22	1	ACADIA	LA				8.[illegible]0E+04	5.00E+04	.59	1.16E+08	5.41E+07	.47	2.03E+07	3.61E+06	.18	
22	3	ALLEN	LA							3.55E+07	1.62E+07	.46	1.18E+07	1.89E+06	.16	
22	5	ASCENSION	LA							4.99E+07	2.96E+07	.59	7.08E+05	6.73E+04	.09	
22	7	ASSUMPTION	LA							1.49E+08	8.25E+07	.55	1.60E+05	3.16E+04	.20	
22	9	AVOYELLES	LA	4.13E+05	4.93E+05	1.19	3.64E+04	8.00E+04	2.20	4.37E+07	3.38E+07	.77	2.62E+07	5.28E+06	.20	4.70E+05
22	11	BEAUREGARD	LA				1.78E+05	7.60E+04	.42	6.63E+06	2.86E+06	.43	6.25E+06	1.12E+06	.18	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M##2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M##2	EXPOSED PRODUCE AREA M##2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M##2	PROTECTED PRODUCE AREA M##2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M##2	GRAIN FOR FOOD AREA M##2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M##2	HONEY PROD. KG
22	13	BIENVILLE	LA							2.09E+06	2.04E+06	.99	3.96E+05	6.77E+04	.17	
22	15	BOSSIER	LA				8.90E+04	9.00E+04	1.01	3.39E+06	7.38E+05	.22	2.58E+06	3.08E+05	.12	2.94E+03
22	17	CADDO	LA	3.84E+05	5.17E+05	1.35	4.21E+05	4.98E+05	1.18	4.89E+06	7.05E+05	.14	4.93E+06	4.82E+05	.10	
22	19	CALCASIEU	LA							7.93E+07	2.94E+07	.37	1.01E+07	1.65E+06	.16	
22	21	CALDWELL	LA							4.05E+03	6.00E+03	1.57	2.98E+06	3.68E+05	.12	
22	23	CAMERON	LA							1.73E+07	6.56E+06	.38	9.07E+05	1.21E+05	.13	
22	25	CATAHOULA	LA							5.67E+04	3.00E+03	.05	2.58E+07	4.93E+06	.19	
22	27	CLAIBORNE	LA							8.07E+05	2.26E+05	.28	1.03E+05	1.20E+04	.12	
22	29	CONCORDIA	LA							1.53E+06	2.30E+05	.15	2.31E+07	4.39E+06	.19	
22	31	DE SOTO	LA				1.13E+05	3.70E+04	.33	5.22E+04	2.00E+04	.39	2.33E+05	2.16E+04	.09	
22	33	EAST BATON R	LA							9.69E+05	5.98E+05	.62	2.14E+06	4.59E+05	.21	
22	35	EAST CARROLL	LA							6.67E+06	2.14E+06	.32	3.83E+07	6.80E+06	.18	
22	37	EAST FELICIA	LA							8.51E+04	4.90E+04	.58	2.18E+06	4.99E+05	.23	
22	39	EVANGELINE	LA							6.43E+07	3.80E+07	.59	1.09E+07	1.90E+06	.17	
22	41	FRANKLIN	LA				5.96E+04	40E+04	.40	1.69E+06	1.86E+06	1.10	2.95E+07	4.06E+06	.14	
22	43	GRANT	LA							1.52E+05	1.00E+05	.66	1.46E+06	2.14E+05	.15	
22	45	IBERIA	LA				1.17E+06	4.70E+05	.40	1.66E+08	8.67E+07	.52	4.87E+05	9.60E+04	.20	
22	47	IBERVILLE	LA							9.53E+07	4.99E+07	.52	2.59E+06	5.14E+05	.20	
22	49	JACKSON	LA							3.64E+05	2.91E+05	.80				
22	51	JEFFERSON	LA	1.25E+05	1.48E+05	1.18	8.50E+04	8.60E+04	1.01							
22	52	JEFFERSON DA	LA							1.19E+08	5.19E+07	.44	2.21E+07	3.89E+06	.18	
22	55	LAFAYETTE	LA	2.00E+04	2.40E+04	1.18	2.75E+05	1.70E+05	.62	4.86E+07	2.36E+07	.49	5.58E+06	1.00E+06	.18	
22	57	LAFOURCHE	LA	1.38E+06	1.65E+06	1.19				1.51E+08	7.6?E+07	.50	1.94E+05	2.71E+04	.14	
22	59	LA SALLE	LA							2.02E+04	1.90E+04	.93	3.59E+05	7.02E+04	.20	
22	61	LINCOLN	LA				2.82E+06	1.69E+06	.60	2.48E+04	6.00E+03	.26	3.24E+04	8.60E+03	.27	
22	63	LIVINGSTON	LA				3.08E+05	2.61E+05	.85	1.21E+04	8.00E+03	.67	1.06E+05	1.29E+04	.12	
22	65	MADISON	LA							8.09E+03	5.00E+03	.58	3.58E+07	6.83E+06	.19	
22	67	MOREHOUSE	LA				4.37E+05	3.31E+05	.76	3.61E+07	1.56E+07	.43	1.96E+07	2.36E+06	.12	
22	69	NATCHITOCHES	LA							1.86E+07	5.70E+04		5.58E+06	8.43E+05	.15	
22	71	ORLEANS	LA													
22	73	OUACHITA	LA				2.28E+05	1.14E+05	.50	8.59E+06	2.67E+06	.31	5.77E+06	6.86E+05	.14	
22	75	PLAQUEMINES	LA	5.95E+05	7.36E+05	1.24	8.66E+05	1.06E+06	1.22	1.01E+06	1.76E+06	1.75				
22	77	POINTE COUPE	LA	4.50E+04	5.30E+04	1.20				3.40E+07	1.69E+07	.50	8.38E+06	1.81E+06	.22	
22	79	RAPIDES	LA	1.94E+05	2.61E+05	1.34	2.02E+05	2.16E+05	1.07	1.78E+07	1.10E+07	.62	1.26E+07	2.83E+06	.23	
22	81	RED RIVER	LA				4.05E+03	4.00E+03	1.10	9.80E+05	1.37E+05	.16	3.00E+06	4.52E+05	.15	
22	83	RICHLAND	LA							4.99E+06	1.21E+06	.24	2.12E+07	2.28E+06	.11	
22	85	SABINE	LA							1.35E+04	4.00E+03	.29	2.08E+05	5.24E+04	.25	
22	87	ST BERNARD	LA	7.30E+04	9.40E+04	1.29	2.47E+05	3.32E+05	1.35	4.86E+04	5.30E+04	1.10				
22	89	ST CHARLES	LA							4.18E+06	1.63E+06	.39				
22	91	ST HELENA	LA							2.73E+05	1.48E+05	.54	3.46E+05	1.14E+05	.33	
22	93	ST JAMES	LA	7.89E+05	9.67E+05	1.23	1.05E+06	8.50E+05	.81	9.19E+07	5.31E+07	.58	4.46E+05	6.43E+04	.14	
22	95	ST JOHN THE	LA	3.20E+04	4.50E+04	1.39	1.17E+05	2.49E+05	2.12	3.21E+07	1.87E+07	.58	6.55E+05	1.03E+05	.16	
22	97	ST LANDRY	LA	1.54E+05	1.85E+05	1.20	7.00E+05	7.46E+05	1.07	4.85E+07	3.95E+07	.81	3.13E+07	6.16E+06	.20	4.85E+04
22	99	ST MARTIN	LA	9.07E+05	1.07E+06	1.18	1.26E+06	8.88E+05	.70	8.04E+07	4.17E+07	.52	2.48E+06	4.92E+05	.20	9.29E+04
22	101	ST MARY	LA							1.84E+08	8.38E+07	.46	3.62E+04	1.60E+03	.04	
22	103	ST TAMMANY	LA				3.64E+04	4.00E+04	1.10	2.34E+05	2.40E+04	.10	2.51E+05	4.78E+04	.19	
22	105	TANGIPAHOA	LA	1.60E+04	1.90E+04	1.18	2.05E+06	1.13E+06	.55	3.99E+05	1.65E+05	.41	6.84E+05	1.10E+05	.16	
22	107	TENSAS	LA							6.88E+04	5.50E+04	.80	2.23E+07	4.26E+06	.19	
22	109	TERREBONNE	LA	9.70E+04	1.27E+05	1.30				7.05E+07	3.15E+07	.45	3.55E+05	6.58E+04	.19	
22	111	UNION	LA				4.96E+04	4.90E+04	1.01	6.21E+05	4.22E+05	.68	5.76E+04	6.60E+03	.11	
22	113	VERMILION	LA							1.52E+08	6.54E+07	.43	7.16E+06	1.17E+06	.16	
22	115	VERNON	LA							2.73E+05	1.93E+05	.71	3.60E+05	6.17E+04	.17	
22	117	WASHINGTON	LA				2.43E+04	2.60E+04	1.08	1.23E+06	7.80E+05	.64	1.60E+06	3.05E+05	.19	
22	119	WEBSTER	LA							7.68E+05	2.77E+05	.36	7.73E+04	5.60E+03	.07	
22	121	WEST BATON R	LA							5.02E+07	2.82E+07	.56	1.06E+06	1.94E+05	.18	
22	123	WEST CARROLL	LA				4.87E+05	4.70E+05	.96	7.42E+06	6.51E+06	.88	2.24E+07	2.93E+06	.13	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
22	125	WEST FELICIA	LA				4.45E+04	1.70E+04	.38	9.13E+06	1.41E+07	1.54	1.51E+06	2.57E+05	.17	
22	127	WINN	LA							8.09E+03	3.00E+03	.35	1.37E+04	2.00E+03	.15	
23	0		ME	8.50E+05	2.20E+06	2.58	1.05E+08	5.01E+07	.48	5.87E+08	1.56E+09	2.65	1.38E+07	3.38E+06	.24	6.85E+04
23	1	ANDROSCOGGIN	ME	4.90E+04	1.03E+05	2.13	4.33E+06	6.45E+06	1.49	6.60E+05	9.78E+05	1.48	1.86E+04	4.70E+03	.25	
23	3	AROOSTOOK	ME	4.00E+03	1.30E+04	3.13	2.71E+05	1.88E+05	.69	5.33E+08	1.44E+09	2.69	1.07E+07	2.38E+06	.22	
23	5	CUMBERLAND	ME	4.45E+05	1.16E+06	2.61	4.22E+06	4.81E+06	1.14	6.59E+06	1.46E+07	2.22	1.90E+05	3.39E+04	.18	
23	7	FRANKLIN	ME				1.71E+06	3.21E+06	1.88	1.46E+06	1.59E+06	1.09	1.27E+05	3.18E+04	.25	
23	9	HANCOCK	ME				7.24E+06	7.99E+05	.11	5.38E+05	8.23E+05	1.53			.14	
23	11	KENNEBEC	ME	3.20E+04	8.40E+04	2.61	4.13E+06	6.37E+06	1.54	2.07E+06	3.15E+06	1.52	8.53E+04	3.33E+04	.39	
23	13	KNOX	ME	2.80E+04	8.90E+04	3.13	4.08E+06	1.33E+06	.33	1.17E+05	1.61E+05	1.38	1.34E+04	7.00E+03	.52	
23	15	LINCOLN	ME				3.19E+06	9.74E+05	.31	6.27E+05	1.57E+06	2.50	1.19E+04	6.00E+02	.05	
23	17	OXFORD	ME	4.00E+04	1.06E+05	2.63	5.85E+06	6.63E+06	1.13	7.64E+06	1.90E+07	2.49	6.6[illegible]E+05	2.53E+05	.38	1.63E+04
23	19	PENOBSCOT	ME	4.90E+04	1.52E+05	3.13	1.39E+06	1.01E+06	.73	2.00E+07	5.21E+07	2.61	9.72E+05	3.20E+05	.33	2.83E+04
23	21	PISCATAQUIS	ME							3.25E+06	6.88E+06	2.12	1.06E+05	3.66E+04	.35	
23	23	SAGADAHOC	ME							3.64E+04	4.00E+04	1.10				
23	25	SOMERSET	ME	1.60E+04	4.10E+04	2.56	9.06E+05	1.48E+06	1.63	2.68E+06	6.19E+06	2.31	4.46E+05	1.59E+05	.36	
23	27	WALDO	ME				2.80E+06	1.85E+06	.66	3.78E+06	7.00E+06	1.85	2.25E+05	6.76E+04	.30	
23	29	WASHINGTON	ME	2.40E+04	5.50E+04	2.26	5.68E+07	5.85E+06	.10	4.01E+05	6.93E+05	1.73	3.71E+04	1.06E+04	.29	
23	31	YORK	ME	2.40E+04	7.60E+04	3.13	3.87E+06	7.00E+06	1.81	2.21E+06	2.25E+06	1.02	1.82E+05	3.72E+04	.20	
24	0		MD	1.29E+07	1.00E+07	.78	1.29E+08	1.30E+08	1.00	1.28E+08	1.12E+08	.87	5.87E+08	2.06E+08	.35	4.12E+04
24	1	ALLEGANY	MD				4.64E+06	3.53E+06	.76	4.01E+05	3.42E+05	.85	9.51E+05	3.31E+05	.35	
24	3	ANNE ARUNDEL	MD	2.40E+04	5.00E+04	2.07	7.61E+05	1.17E+06	1.54	2.10E+06	2.76E+06	1.31	5.11E+06	1.83E+06	.36	
24	5	BALTIMORE	MD	2.12E+06	1.92E+06	.91	7.79E+06	7.76E+06	1.00	1.29E+07	1.11E+07	.86	2.07E+07	7.97E+06	.39	3.08E+02
24	9	CALVERT	MD				4.45E+04	7.00E+04	1.56	2.35E+05	1.94E+05	.81	4.90E+06	1.77E+06	.36	
24	11	CAROLINE	MD	7.41E+05	1.2[illegible]E+06	1.75	9.52E+06	1.13E+07	1.19	2.38E+07	1.29E+07	.54	5.57E+07	1.52E+07	.27	
24	13	CARROLL	MD	6.50E+04	1.28E+05	1.98	3.41E+06	3.50E+06	1.03	2.97E+06	2.75E+06	.93	4.88E+07	1.82E+07	.37	
24	15	CECIL	MD				9.53E+05	2.15E+06	2.26	3.17E+06	3.31E+06	1.04	2.34E+07	8.67E+06	.37	
24	17	CHARLES	MD				1.35E+05	1.54E+05	1.14	2.91E+05	2.33E+05	.80	8.51E+06	2.64E+06	.31	
24	19	DORCHESTER	MD	4.00E+04	5.40E+04	1.33	1.03E+07	1.58E+07	1.53	5.66E+06	6.38E+06	1.13	6.13E+[illegible]	1.87E+07	.30	
24	21	FREDERICK	MD				2.97E+06	4.02E+06	1.35	1.29E+06	1.86E+06	1.43	4.35E+[illegible]	1.41E+07	.32	
24	23	GARRETT	MD				4.84E+06	2.07E+06	.43	2.83E+06	3.65E+06	1.29	3.71E+06	9.59E+05	.26	
24	25	HARFORD	MD	2.51E+05	5.19E+05	2.07	5.75E+06	5.29E+06	.92	1.20E+07	1.02E+07	.85	1.65E+[illegible]	6.90E+06	.42	
24	27	HOWARD	MD	4.00E+03	5.00E+03	1.20	6.62E+05	5.72E+05	.86	2.15E+06	1.87E+06	.87	1.24E+07	4.92E+06	.40	
24	29	KENT	MD				2.30E+07	9.94E+06	.43	1.77E+07	8.74E+06	.49	4.25E+07	1.76E+07	.42	
24	31	MONTGOMERY	MD				1.28E+06	1.03E+06	.80	1.99E+06	1.65E+06	.83	2.18E+07	8.11E+06	.37	1.43E+04
24	33	PRINCE GEORG	MD	1.13E+05	1.27E+05	1.13	5.06E+05	6.96E+05	1.38	8.90E+05	9.[illegible]E+05	1.09	6.02E+06	1.71E+06	.28	
24	35	QUEEN ANNES	MD				5.66E+06	3.02E+06	.53	1.03E+07	8.23E+06	.80	5.86E+07	2.19E+07	.37	
24	37	ST MARYS	MD				1.39E+06	6.44E+05	.46	1.72E+06	1.54E+06	.90	1.53E+07	4.53E+06	.30	5.88E+02
24	39	SOMERSET	MD				8.23E+06	1.43E+07	1.74	1.23E+06	7.67E+05	.63	1.59E+07	5.75E+06	.36	
24	41	TALBOT	MD				7.08E+05	1.44E+06	2.03	6.23E+06	3.37E+06	.54	4.06E+07	1.48E+07	.36	
24	43	WASHINGTON	MD				1.97E+07	2.65E+07	1.34	4.13E+05	3.88E+05	.94	2.69E+07	8.73E+06	.32	1.41E+04
24	45	WICOMICO	MD	6.10E+04	5.40E+04	.89	8.73E+06	8.38E+06	.96	1.15E+07	1.68E+07	1.46	2.65E+07	8.63E+06	.33	6.82E+02
24	47	WORCESTER	MD				4.95E+06	3.78E+06	.76	3.03E+06	4.80E+06	1.58	2.71E+07	1.14E+07	.42	

APPENDIX B (CONTINUED)

ST	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
25	0		MA	4.86E+06	1.06E+07	2.18	9.13E+07	1.09E+08	1.19	5.23E+07	7.24E+07	1.38	1.65E+06	6.59E+05	.40	3.75E+04
25	1	BARNSTABLE	MA	5.70E+04	1.01E+05	1.79	2.50E+06	2.03E+06	.81	5.83E+05	9.13E+05	1.57				
25	3	BERKSHIRE	MA				5.88E+05	9.52E+05	1.62	1.10E+06	1.30E+06	1.19	2.63E+05	8.96E+04	.34	
25	5	BRISTOL	MA	1.14E+06	2.73E+06	2.40	6.69E+06	9.76E+06	1.46	6.64E+06	7.59E+06	1.14	3.26E+04	7.20E+03	.22	
25	7	DUKES	MA				4.05E+04	9.10E+04	2.26	8.09E+03	2.30E+04	2.81	2.60E+04	8.60E+03	.33	
25	9	ESSEX	MA	6.84E+05	1.41E+06	2.06	3.02E+06	4.07E+06	1.35	5.21E+06	5.38E+06	1.03	4.95E+04	8.40E+03	.17	
25	11	FRANKLIN	MA	2.43E+05	6.25E+05	2.57	4.16E+06	7.94E+06	1.91	4.10E+06	9.38E+06	2.29	1.76E+05	9.53E+04	.54	
25	13	HAMPDEN	MA	8.13E+05	1.62E+06	1.99	6.21E+06	7.20E+06	1.16	3.79E+06	5.11E+06	1.35	1.16E+05	4.06E+04	.35	
25	15	HAMPSHIRE	MA	3.44E+05	8.88E+05	2.58	6.26E+06	7.24E+06	1.16	1.26E+07	2.41E+07	1.92	6.84E+05	2.84E+05	.42	
25	17	MIDDLESEX	MA	8.86E+05	1.82E+06	2.06	9.76E+06	1.29E+07	1.32	9.66E+06	9.84E+06	1.02	4.38E+04	1.10E+04	.25	
25	19	NANTUCKET	MA													
25	21	NORFOLK	MA				6.81E+05	9.02E+05	1.32	1.21E+06	1.14E+06	.95	4.78E+03	3.00E+02	.06	
25	23	PLYMOUTH	MA	8.50E+04	1.95E+05	2.29	3.54E+07	3.27E+07	.92	3.07E+06	2.84E+06	.93	5.87E+04	2.04E+04	.35	1.90E+04
25	25	SUFFOLK	MA													
25	27	WORCESTER	MA	2.91E+05	6.83E+05	2.35	1.35E+07	2.23E+07	1.66	3.91E+06	4.20E+06	1.08	1.88E+05	9.16E+04	.49	
26	0		MI	3.49E+07	8.53E+07	2.44	8.66E+08	7.46E+08	.86	2.13E+09	9.58E+08	.45	1.96E+09	5.78E+08	.29	3.00E+06
26	1	ALCONA	MI							2.02E+04	4.10E+04	2.04	1.65E+06	3.64E+05	.22	
26	3	ALGER	MI				1.34E+05	3.80E+04	.29				4.96E+05	1.00E+05	.20	
26	5	ALLEGAN	MI	1.78E+06	3.87E+06	2.18	4.01E+07	3.14E+07	.78	1.29E+07	3.65E+07	2.83	4.55E+07	1.33E+07	.29	5.03E+04
26	7	ALPENA	MI				7.41E+05	2.53E+05	.34	2.19E+06	4.68E+05	.21	4.01E+06	9.42E+05	.23	
26	9	ANTRIM	MI				1.43E+07	1.04E+07	.72	3.99E+06	9.22E+06	2.31	2.28E+06	8.40E+05	.37	
26	11	ARENAC	MI				6.26E+06	6.26E+06	1.00	4.09E+07	1.15E+07	.28	1.05E+07	3.25E+06	.31	
26	13	BARAGA	MI							1.62E+04	1.80E+04	1.13	1.62E+05	3.14E+04	.19	
26	15	BARRY	MI	1.60E+04	3.10E+04	1.29	1.64E+06	1.26E+06	.77	6.04E+04	1.56E+06	.26	3.23E+07	9.08E+06	.28	2.34E+03
26	17	BAY	MI	1.13E+06	1.80E+06	1.59	9.91E+06	1.15E+07	1.16	2.60E+08	9.24E+07	.36	3.32E+07	1.14E+07	.34	3.05E+05
26	19	BENZIE	MI				1.52E+07	1.16E+07	.76	5.67E+04	3.90E+04	.69	3.55E+05	9.31E+04	.26	2.94E+04
26	21	BERRIEN	MI	1.01E+05	1.75E+05	1.73	1.49E+08	1.48E+08	1.00	4.13E+06	3.34E+06	.81	3.30E+07	8.17E+06	.25	2.74E+03
26	23	BRANCH	MI				1.52E+06	1.75E+06	1.15	1.35E+06	2.96E+05	.22	6.04E+07	1.64E+07	.27	
26	25	CALHOUN	MI	3.60E+04	7.10E+04	1.94	3.29E+06	3.07E+06	.94	4.86E+06	9.94E+06	2.05	6.02E+07	1.61E+07	.27	
26	27	CASS	MI	1.13E+05	2.20E+05	1.94	1.48E+07	1.41E+07	.95	5.57E+06	2.68E+06	.48	4.00E+07	1.07E+07	.27	1.35E+04
26	29	CHARLEVOIX	MI				4.82E+05	2.17E+05	.45	5.93E+05	2.64E+05	.45	1.77E+06	6.27E+05	.35	1.30E+05
26	31	CHEBOYGAN	MI				4.22E+05	6.60E+04	.16	1.78E+05	2.96E+05	1.66	8.77E+05	2.08E+05	.24	2.17E+04
26	33	CHIPPEWA	MI							2.02E+04	1.90E+04	.94	2.49E+06	3.44E+05	.14	
26	35	CLARE	MI										4.32E+06	1.20E+06	.28	
26	37	CLINTON	MI	4.00E+04	5.60E+04	1.39	1.72E+06	1.74E+06	1.01	2.81E+07	8.36E+06	.30	6.39E+07	1.96E+07	.31	1.66E+05
26	39	CRAWFORD	MI													
26	41	DELTA	MI				1.05E+05	1.31E+05	1.25	4.59E+06	5.95E+06	1.30	2.42E+06	5.83E+05	.24	
26	43	DICKINSON	MI							5.66E+06	1.77E+07	3.13	1.44E+06	3.79E+05	.26	
26	45	EATON	MI				2.91E+06	2.74E+06	.94	4.65E+07	1.39E+07	.30	5.86E+07	1.68E+07	.29	2.57E+03
26	47	EMMET	MI				6.88E+04	4.10E+04	.59	2.29E+06	5.72E+06	2.49	1.32E+06	3.87E+05	.29	
26	49	GENESEE	MI	4.50E+04	8.60E+04	1.94	2.96E+06	3.23E+06	1.09	7.15E+06	6.87E+06	.96	3.78E+07	1.07E+07	.28	2.46E+04
26	51	GLADWIN	MI				8.09E+04	8.10E+04	1.00	6.21E+06	1.09E+06	.18	8.62E+06	2.47E+06	.29	
26	53	GOGEBIC	MI							1.21E+04	2.10E+04	1.70	8.26E+04	1.22E+04	.15	
26	55	GRAND TRAVER	MI				4.68E+07	3.29E+07	.70	2.31E+05	1.71E+05	.74	3.28E+06	1.06E+06	.32	1.00E+05
26	57	GRATIOT	MI				1.25E+07	1.25E+07	1.00	1.94E+08	3.72E+07	.19	6.80E+07	2.34E+07	.34	3.16E+03
26	59	HILLSDALE	MI	1.20E+04	2.40E+04	1.94	4.17E+05	5.57E+05	1.34	1.46E+05	2.71E+05	1.86	6.18E+07	1.66E+07	.27	
26	61	HOUGHTON	MI				3.56E+05	1.74E+05	.49	2.12E+06	6.33E+06	2.99	8.73E+05	1.61E+05	.18	
26	63	HURON	MI							3.08E+08	6.29E+07	.20	9.73E+07	3.34E+07	.34	2.23E+05
26	65	INGHAM	MI	1.78E+06	3.42E+06	1.92	1.52E+06	2.03E+06	1.33	8.23E+06	1.06E+07	1.29	5.01E+07	1.48E+07	.30	
26	67	IONIA	MI	7.73E+05	1.50E+06	1.94	9.77E+06	1.02E+07	1.04	3.32E+07	1.52E+07	.46	6.04E+07	1.83E+07	.30	6.02E+04

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M##2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M##2	EXPOSED PRODUCE AREA M##2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M##2	PROTECTED PRODUCE AREA M##2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M##2	GRAIN FOR FOOD AREA M##2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M##2	HONEY PROD. KG
26	69	IOSCO	MI							4.55E+05	5.20E+04	.11	2.92E+06	8.04E+05	.28	1.10E+05
26	71	IRON	MI							1.51E+06	4.98E+06	3.30	5.52E+05	1.10E+05	.20	
26	73	ISABELLA	MI	5.30E+04	1.02E+05	1.94	2.12E+06	9.21E+05	.43	4.17E+07	6.22E+06	.15	3.91E+07	.18E+07	.30	
26	75	JACKSON	MI	8.90E+04	1.73E+05	1.94	3.37E+06	2.90E+06	.86	2.62E+06	4.80E+06	1.83	4.00E+07	1.09E+07	.27	
26	77	KALAMAZOO	MI	2.40E+04	4.70E+04	1.94	7.93E+06	5.88E+06	.74	7.57E+05	4.85E+05	.64	3.91E+07	9.88E+06	.25	4.20E+04
26	79	KALKASKA	MI							1.60E+06	3.22E+06	2.02	5.47E+05	1.98E+05	.36	
26	81	KENT	MI	2.21E+06	6.98E+06	3.16	5.07E+07	6.10E+07	1.20	1.08E+07	1.33E+07	1.23	3.50E+07	1.00E+07	.29	5.30E+04
26	83	KEWEENAW	MI													
26	85	LAKE	MI							8.09E+04	2.42E+05	2.99	7.88E+05	1.97E+05	.25	
26	87	LAPEER	MI	1.50E+06	4.96E+06	3.31	2.83E+06	4.05E+06	1.43	2.72E+07	2.44E+07	.89	3.79E+07	1.15E+07	.30	3.25E+05
26	89	LEELANAU	MI	4.00E+03	9.00E+03	1.94	4.14E+07	2.95E+07	.71	5.67E+05	6.25E+05	1.10	1.91E+06	6.40E+05	.34	6.40E+04
26	91	LENAWEE	MI	1.38E+05	2.67E+05	1.94	5.47E+06	8.94E+06	1.63	7.08E+06	3.03E+06	.43	1.18E+08	3.60E+07	.30	2.15E+05
26	93	LIVINGSTON	MI				4.46E+05	3.91E+05	.88	2.21E+06	2.45E+06	1.11	2.30E+07	6.53E+06	.28	3.95E+04
26	95	LUCE	MI										4.19E+05	6.30E+04	.15	
26	97	MACKINAC	MI							2.83E+04	7.20E+04	2.56	5.80E+05	6.60E+04	.11	
26	99	MACOMB	MI	5.54E+06	8.47E+06	1.53	1.20E+07	1.52E+07	1.27	9.17E+06	8.82E+06	.96	1.89E+07	5.14E+06	.27	5.30E+04
26	101	MANISTEE	MI	1.30E+05	8.30E+04	.64	2.11E+07	1.82E+07	.86	3.39E+06	6.73E+06	1.98	2.26E+06	5.03E+05	.22	
26	103	MARQUETTE	MI							1.70E+06	4.17E+06	2.45	3.22E+05	6.21E+04	.19	
26	105	MASON	MI	6.10E+04	1.18E+05	1.94	2.74E+07	1.81E+07	.66	5.14E+05	3.55E+05	.69	1.04E+07	3.11E+06	.30	1.15E+04
26	107	MECOSTA	MI				5.11E+06	6.11E+06	1.19	1.17E+07	1.77E+07	1.52	1.13E+07	3.13E+06	.28	
26	109	MENOMINEE	MI				1.34E+05	2.00E+04	.15	2.23E+05	2.82E+05	1.27	7.53E+06	2.08E+06	.28	
26	111	MIDLAND	MI				8.68E+05	9.88E+05	1.14	5.94E+07	1.09E+07	.18	1.75E+07	5.77E+06	.33	
26	113	MISSAUKEE	MI				3.64E+04	3.60E+04	1.00	1.00E+06	1.18E+06	1.17	4.94E+06	1.61E+06	.32	
26	115	MONROE	MI	2.21E+06	3.90E+06	1.77	7.87E+06	1.47E+07	1.87	1.77E+07	2.75E+07	1.55	8.00E+07	2.17E+07	.27	1.92E+03
26	117	MONTCALM	MI	3.60E+04	7.00E+04	1.93	7.80E+06	9.35E+06	1.20	8.29E+07	1.14E+08	1.37	4.62E+07	1.27E+07	.27	
26	119	MONTMORENCY	MI							9.06E+05	9.30E+04	.10	1.51E+06	3.42E+05	.23	
26	121	MUSKEGON	MI	2.30E+06	1.11E+07	4.82	1.74E+07	1.89E+07	1.08	2.55E+06	7.59E+06	2.98	8.88E+06	2.11E+06	.24	
26	123	NEWAYGO	MI	8.00E+03	1.60E+04	1.94	8.45E+06	1.14E+07	1.34	1.66E+07	4.64E+07	2.79	1.18E+07	3.34E+06	.28	7.63E+04
26	125	OAKLAND	MI	1.20E+04	2.40E+04	1.94	2.01E+06	2.56E+06	1.27	7.08E+05	5.94E+05	.84	1.04E+07	2.71E+06	.26	
26	127	OCEANA	MI	3.68E+05	2.36E+05	.64	8.84E+07	4.67E+07	.53	8.82E+05	8.44E+05	.96	7.45E+06	1.95E+06	.26	4.00E+04
26	129	OGEMAW	MI							1.27E+06	6.49E+05	.51	4.05E+06	1.17E+06	.29	8.67E+04
26	131	ONTONAGON	MI							8.09E+03	6.00E+03	.70	6.96E+05	1.05E+05	.15	
26	133	OSCEOLA	MI				9.71E+04	2.20E+04	.23	8.44E+05	1.58E+06	1.86	5.27E+06	1.41E+06	.27	
26	135	OSCODA	MI										5.36E+05	1.65E+05	.31	
26	137	OTSEGO	MI							1.50E+06	3.09E+06	2.06	8.51E+05	2.29E+05	.27	
26	139	OTTAWA	MI	3.89E+06	1.52E+07	3.91	2.72E+07	2.44E+07	.90	7.26E+06	1.56E+07	2.14	2.72E+07	7.26E+06	.27	3.93E+04
26	141	PRESQUE ISLE	MI				1.38E+05	8.20E+04	.60	1.46E+07	1.82E+07	1.25	2.84E+06	6.44E+05	.23	
26	143	ROSCOMMON	MI										3.52E+04	5.10E+03	.14	
26	145	SAGINAW	MI	1.53E+06	2.76E+06	1.80	6.84E+06	8.41E+06	1.23	2.61E+08	6.25E+07	.24	8.08E+07	2.70E+07	.33	2.69E+04
26	147	ST CLAIR	MI	2.53E+06	3.92E+06	1.55	4.56E+06	4.04E+06	.89	2.18E+07	8.02E+06	.37	3.77E+07	1.07E+07	.28	3.83E+04
26	149	ST JOSEPH	MI	1.20E+04	2.40E+04	1.94	2.13E+06	1.47E+06	.69	1.19E+07	2.37E+06	.20	5.62E+07	1.45E+07	.26	
26	151	SANILAC	MI				1.28E+07	1.07E+07	.84	1.50E+08	2.92E+07	.19	8.27E+07	2.55E+07	.31	5.66E+04
26	153	SCHOOLCRAFT	MI							3.20E+05	6.59E+05	2.06	2.18E+05	4.49E+04	.21	
26	155	SHIAWASSEE	MI				1.24E+06	1.13E+06	.91	2.95E+07	9.36E+06	.32	6.29E+07	1.74E+07	.28	
26	157	TUSCOLA	MI				4.46E+06	4.86E+06	1.09	2.92E+08	7.65E+07	.26	8.75E+07	3.30E+07	.38	7.02E+04
26	159	VAN BUREN	MI	2.83E+05	7.35E+05	2.59	1.38E+08	9.08E+07	.66	9.45E+06	1.59E+07	1.69	2.44E+07	6.19E+06	.25	7.03E+03
26	161	WASHTENAW	MI	1.00E+06	1.52E+06	1.52	3.25E+06	4.01E+06	1.24	7.39E+06	1.02E+07	1.38	5.09E+07	1.36E+07	.27	1.11E+04
26	163	WAYNE	MI	4.57E+05	8.36E+05	1.83	2.53E+06	3.91E+06	1.54	4.58E+06	3.95E+06	.86	8.05E+06	1.68E+06	.21	
26	165	WEXFORD	MI				3.50E+06	1.75E+06	.50	2.95E+05	7.10E+04	.24	1.67E+06	4.40E+05	.26	1.04E+05
27	0		MN	3.89E+06	7.50E+06	1.93	4.53E+07	4.67E+07	1.03	2.56E+09	1.65E+09	.64	7.53E+09	1.84E+09	.24	8.74E+06
27	1	AITKIN	MN							6.13E+06	9.94E+05	.16	1.76E+06	2.10E+05	.17	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
27	3	ANOKA	MN	6.76E+05	1.31E+06	1.93	8.58E+05	1.12E+06	1.30	8.58E+06	1.73E+07	2.02	6.15E+06	1.68E+06	.23	
27	5	BECKER	MN				1.17E+05	9.20E+04	.79	1.25E+07	7.76E+05	.06	1.13E+08	1.76E+07	.16	5.06E+05
27	7	BELTRAMI	MN							8.17E+06	3.15E+06	.38	6.97E+06	8.95E+05	.13	
27	9	BENTON	MN							1.83E+06	3.99E+06	2.19	2.17E+07	4.84E+06	.22	
27	11	BIG STONE	MN				1.48E+05	1.01E+05	.68	2.60E+07	2.53E+06	.10	1.14E+08	1.90E+07	.17	
27	13	BLUE EARTH	MN				4.05E+03	1.70E+04	4.10	1.41E+07	9.19E+06	.65	1.04E+08	3.72E+07	.36	
27	15	BROWN	MN							2.22E+07	1.47E+07	.66	8.05E+07	2.60E+07	.32	
27	17	CARLTON	MN	2.39E+05	4.82E+05	2.02				1.54E+06	2.83E+06	1.84	1.13E+06	1.55E+05	.14	
27	19	CARVER	MN	4.00E+04	4.20E+04	1.05	2.06E+05	4.33E+05	2.05	2.32E+06	1.15E+06	.49	2.84E+07	9.76E+06	.34	3.92E+04
27	21	CASS	MN							3.15E+06	5.30E+05	.17	4.24E+06	4.31E+05	.15	
27	23	CHIPPEWA	MN							1.66E+07	1.03E+07	.62	1.20E+08	3.42E+07	.29	
27	25	CHISAGO	MN	1.20E+04	2.50E+04	2.02	1.31E+06	1.54E+06	1.19	2.06E+05	2.15E+05	1.04	1.62E+07	3.62E+06	.22	7.11E+04
27	27	CLAY	MN	2.87E+05	5.80E+05	2.02	1.94E+05	3.34E+05	1.72	2.67E+08	1.52E+08	.57	3.49E+08	7.05E+07	.20	
27	29	CLEARWATER	MN							9.31E+06	1.60E+06	.17	1.40E+07	1.91E+06	.14	1.25E+05
27	31	COOK	MN													
27	33	COTTONWOOD	MN							2.59E+06	1.97E+06	.76	9.12E+07	2.89E+07	.32	
27	35	CROW WING	MN				1.62E+04	1.80E+04	1.10	7.08E+05	6.15E+05	.87	3.53E+0	6.58E+05	.19	
27	37	DAKOTA	MN	3.64E+05	7.36E+05	2.02	1.40E+06	2.83E+06	2.03	3.01E+07	1.75E+07	.58	6.24E+07	1.79E+07	.29	3.84E+04
27	39	DODGE	MN							6.37E+07	6.00E+07	.94	4.93E+07	1.58E+07	.32	
27	41	DOUGLAS	MN				8.09E+03	2.00E+03	.28	1.02E+06	2.52E+05	.25	7.83E+07	1.50E+07	.19	
27	43	FARIBAULT	MN				5.46E+05	1.20E+06	2.20	5.54E+07	4.80E+07	.87	1.10E+08	4.37E+07	.40	
27	45	FILLMORE	MN							1.02E+06	3.04E+05	.30	6.87E+07	2.46E+07	.36	2.79E+05
27	47	FREEBORN	MN	4.00E+04	8.20E+04	2.02	1.56E+04	1.40E+04	.92	4.10E+07	7.38E+07	1.80	9.71E+07	3.69E+07	.38	1.13E+05
27	49	GOODHUE	MN							3.68E+07	2.97E+07	.81	6.97E+07	2.39E+07	.34	2.53E+05
27	51	GRANT	MN							6.20E+07	7.59E+06	.12	1.95E+08	3.87E+07	.20	5.82E+04
27	53	HENNEPIN	MN	3.24E+05	6.08E+05	1.88	1.86E+06	3.82E+06	2.06	9.97E+06	2.28E+07	2.28	1.78E+07	5.01E+06	.28	2.53E+04
27	55	HOUSTON	MN				1.84E+06	2.42E+06	1.32	8.90E+04	1.43E+05	1.61	2.44E+07	1.12E+07	.46	3.34E+04
27	57	HUBBARD	MN				4.45E+04	4.30E+04	.97	3.71E+06	2.62E+06	.71	6.96E+06	8.12E+05	.12	
27	59	ISANTI	MN				2.02E+04	6.70E+04	3.32	2.70E+06	6.51E+06	2.41	1.99E+07	4.38E+06	.22	
27	61	ITASCA	MN				1.62E+04	6.60E+04	4.10	8.22E+05	1.28E+06	1.56	1.04E+06	1.47E+05	.14	
27	63	JACKSON	MN							1.06E+06	1.11E+05	.10	1.02E+08	3.51E+07	.34	
27	65	KANABEC	MN							2.83E+04	1.30E+04	.47	5.15E+06	1.11E+06	.22	
27	67	KANDIYOHI	MN							1.97E+07	1.50E+07	.76	1.03E+08	2.60E+07	.25	
27	69	KITTSON	MN							9.33E+07	7.73E+07	.83	2.84E+08	5.42E+07	.19	
27	71	KOOCHICHING	MN							5.67E+04	4.20E+04	.74	3.05E+06	4.84E+05	.16	
27	73	LAC QUI PARL	MN							4.48E+06	3.45E+05	.08	1.53E+08	3.54E+07	.23	
27	75	LAKE	MN							1.21E+04	3.00E+04	2.43				
27	77	LAKE OF THE	MN							2.22E+06	3.46E+06	1.56	9.32E+06	1.47E+06	.16	
27	79	LE SUEUR	MN				3.76E+05	2.93E+05	.78	2.06E+07	1.56E+07	.76	5.62E+07	1.63E+07	.29	
27	81	LINCOLN	MN										6.34E+07	1.38E+07	.22	3.10E+05
27	83	LYON	MN							8.50E+04	9.40E+04	1.11	9.98E+07	2.72E+07	.27	1.47E+05
27	85	MC LEOD	MN							3.32E+07	2.67E+07	.81	6.37E+07	1.89E+07	.30	1.18E+05
27	87	MAHNOMEN	MN							3.35E+06	1.81E+06	.54	6.65E+07	1.12E+07	.17	
27	89	MARSHALL	MN							1.79E+08	1.51E+08	.84	4.35E+08	8.34E+07	.19	2.89E+04
27	91	MARTIN	MN				3.17E+05	5.52E+05	1.74	3.18E+07	2.71E+07	.85	1.10E+08	4.76E+07	.43	
27	93	MEEKER	MN							2.07E+07	1.50E+07	.72	7.53E+07	2.04E+07	.27	
27	95	MILLE LACS	MN							1.62E+04	9.00E+03	.58	7.61E+06	1.72E+06	.23	
27	97	MORRISON	MN				2.02E+04	5.20E+04	2.58	3.32E+05	1.95E+05	.59	2.77E+07	5.47E+06	.20	2.97E+04
27	99	MOWER	MN							1.89E+07	1.19E+07	.63	9.23E+07	2.65E+07	.29	
27	101	MURRAY	MN				2.00E+04	1.40E+04	.72	4.05E+03		.11	8.22E+07	2.30E+07	.28	
27	103	NICOLLET	MN							1.26E+07	1.03E+07	.82	6.56E+07	2.20E+07	.34	7.48E+04
27	105	NOBLES	MN										9.38E+07	2.42E+07	.26	
27	107	NORMAN	MN				4.05E+03	1.00E+03	.24	1.38E+08	3.73E+07	.27	3.16E+08	5.44E+07	.17	1.15E+05
27	109	OLMSTED	MN				3.99E+05	3.61E+05	.91	3.20E+07	2.58E+07	.81	5.12E+07	1.62E+07	.32	
27	111	OTTER TAIL	MN	1.78E+05	3.60E+05	2.02	5.24E+05	8.31E+05	1.58	4.48E+07	3.61E+07	.80	2.16E+08	4.27E+07	.20	9.65E+05
27	113	PENNINGTON	MN							1.03E+07	5.80E+05	.06	9.94E+07	1.62E+07	.16	6.93E+05

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M##2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M##2	EXPOSED PRODUCE AREA M##2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M##2	PROTECTED PRODUCE AREA M##2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M##2	GRAIN FOR FOOD AREA M##2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M##2	HONEY PROD. KG
27	115	PINE	MN							9.71E+04	3.50E+04	.36	7.46E+06	1.5%E+06	.20	8.00E+04
27	117	PIPESTONE	MN										5.08E+07	1.38E+07	.27	1.84E+05
27	119	POLK	MN	2.40E+04	4.90E+04	2.02	6.07E+04	1.21E+05	2.00	4.31E+08	3.04E+08	.70	6.82E+08	1.47E+08	.22	6.03E+05
27	121	POPE	MN				1.30E+06	8.62E+05	.66	3.14E+07	3.72E+07	1.19	8.58E+07	1.77E+07	.21	4.10E+05
27	123	RAMSEY	MN	1.70E+05	3.43E+05	2.02	2.23E+05	6.07E+05	2.73	1.05E+05	2.88E+05	2.74	1.94E+05	5.16E+04	.27	
27	125	RED LAKE	MN							5.30E+06	5.09E+06	.96	7.34E+07	1.28E+07	.17	3.24E+05
27	127	REDWOOD	MN				1.75E+05	1.96E+05	1.12	2.95E+07	1.64E+07	.56	1.37E+08	4.01E+07	.29	
27	129	RENVILLE	MN				1.90E+05	7.27E+05	3.82	1.10E+08	6.82E+07	.62	1.73E+08	5.13E+07	.30	
27	131	RICE	MN				1.70E+05	3.28E+05	1.93	6.76E+06	4.84E+06	.72	4.74E+07	1.59E+07	.33	5.25E+04
27	133	ROCK	MN							3.16E+05	5.10E+04	.16	5.40E+07	1.16E+07	.22	
27	135	ROSEAU	MN							2.14E+06	9.83E+05	.46	8.44E+07	1.33E+07	.16	
27	137	ST LOUIS	MN	7.70E+04	1.13E+05	1.47	3.64E+04	3.90E+04	1.08	8.98E+05	1.51E+06	1.69	2.74E+06	4.23E+05	.15	
27	139	SCOTT	MN	4.50E+04	9.00E+04	2.02	2.76E+05	3.86E+05	1.40	5.14E+06	3.61E+06	.70	2.65E+07	7.52E+06	.28	
27	141	SHERBURNE	MN	1.62E+05	3.27E+05	2.02	1.46E+06	1.23E+06	.85	2.24E+07	4.98E+07	2.23	2.66E+07	4.72E+06	.18	
27	143	SIBLEY	MN				5.75E+05	6.38E+05	1.11	4.17E+07	3.75E+07	.90	8.21E+07	2.41E+07	.29	3.42E+04
27	145	STEARNS	MN	1.94E+05	4.57E+05	2.35	1.70E+06	1.14E+06	.67	5.80E+06	1.47E+06	.25	8.98E+07	2.08E+07	.23	3.10E+05
27	147	STEELE	MN				2.53E+06	6.83E+05	.27	8.43E+06	8.73E+06	1.04	5.19E+07	1.89E+07	.36	7.19E+04
27	149	STEVENS	MN							8.68E+06	6.71E+05	.08	1.60E+08	3.51E+07	.22	
27	151	SWIFT	MN							3.56E+07	7.17E+06	.20	1.49E+08	3.63E+07	.24	
27	153	TODD	MN				1.?2E+04	1.80E+04	1.10	1.03E+07	1.49E+07	1.45	3.26E+07	6.10E+06	.19	
27	155	TRAVERSE	MN							9.76E+07	1.06E+07	.11	2.03E+08	3.39E+07	.17	
27	157	WABASHA	MN				6.38E+05	1.16E+06	1.81	2.18E+07	1.89E+07	.87	3.15E+07	9.90E+06	.31	
27	159	WADENA	MN				1.74E+05	1.91E+05	1.10	7.27E+06	1.47E+06	.20	8.33E+06	1.65E+06	.20	9.44E+04
27	161	WASECA	MN							1.79E+07	1.74E+07	.97	6.57E+07	2.42E+07	.37	5.96E+04
27	163	WASHINGTON	MN	3.20E+04	6.50E+04	2.02	2.61E+06	4.86E+06	1.86	7.22E+06	7.55E+06	1.05	2.12E+07	5.88E+06	.28	1.05E+05
27	165	WATONWAN	MN				6.38E+04	6.20E+04	.97	1.19E+07	7.92E+06	.67	6.59E+07	2.59E+07	.39	
27	167	WILKIN	MN							2.00E+08	3.64E+07	.18	3.26E+08	6.82E+07	.21	
27	169	WINONA	MN				2.38E+06	3.92E+06	1.65	4.11E+06	2.23E+06	.54	3.12E+07	1.22E+07	.39	
27	171	WRIGHT	MN				1.01E+06	8.00E+05	.79	3.33E+06	4.71E+06	1.41	5.19E+07	1.54E+07	.30	2.43E+05
27	173	YELLOW MEDIC	MN							1.99E+07	1.39E+06	.07	1.42E+08	3.77E+07	.27	
28	0		MS	4.56E+06	3.27E+06	.72	1.28E+07	8.85E+06	.69	2.38E+08	9.21E+07	.39	8.11E+08	1.12E+08	.14	3.91E+05
28	1	ADAMS	MS										2.04E+06	3.24E+05	.16	
28	3	ALCORN	MS				1.29E+05	7.40E+04	.57	1.51E+05	9.70E+04	.64	8.58E+06	1.12E+06	.13	
28	5	AMITE	MS				2.02E+05	1.21E+05	.60	2.77E+05	6.70E+04	.24	2.53E+06	5.16E+05	.20	
28	7	ATTALA	MS				1.62E+04	2.20E+04	1.36	2.88E+05	4.80E+04	.17	3.11E+06	4.63E+05	.15	
28	9	BENTON	MS				4.94E+05	2.82E+05	.57	1.54E+06	3.53E+05	.23	3.85E+06	5.09E+05	.13	
28	11	BOLIVAR	MS				3.97E+05	2.10E+05	.53	5.14E+07	2.39E+07	.47	5.35E+07	6.53E+06	.12	
28	13	CALHOUN	MS				2.83E+04	1.00E+04	.34	4.15E+06	4.31E+06	1.04	1.21E+07	1.57E+06	.13	
28	15	CARROLL	MS				4.86E+04	1.70E+05	3.50	7.17E+05	1.20E+05	.17	6.40E+06	9.54E+05	.15	
28	17	CHICKASAW	MS							5.26E+06	5.01E+06	.95	1.11E+07	1.21E+06	.11	
28	19	CHOCTAW	MS							3.76E+05	3.28E+05	.87	1.76E+06	2.86E+05	.16	
28	21	CLAIBORNE	MS							5.09E+04	1.40E+04	.28	4.18E+06	7.69E+05	.18	
28	23	CLARKE	MS				4.86E+04	1.84E+05	3.78	4.68E+05	3.67E+05	.78	1.49E+06	3.54E+05	.24	
28	25	CLAY	MS							7.66E+04	1.00E+04	.13	7.67E+06	1.10E+06	.14	
28	27	COAHOMA	MS							1.26E+07	3.24E+06	.26	2.94E+07	3.34E+06	.11	
28	29	COPIAH	MS	8.90E+05	8.46E+05	.95	3.60E+05	6.29E+05	1.75	2.16E+06	3.12E+05	.14	2.55E+06	4.70E+05	.18	
28	31	COVINGTON	MS							1.36E+06	4.86E+05	.36	5.36E+06	1.02E+06	.19	
28	33	DE SOTO	MS	4.73E+05	3.03E+05	.64				1.98E+06	8.85E+05	.45	1.72E+07	2.46E+06	.14	
29	35	FORREST	MS	6.68E+05	4.27E+05	.64	3.20E+05	2.46E+05	.77	1.33E+06	2.29E+05	.19	1.37E+06	2.71E+05	.20	
28	37	FRANKLIN	MS							8.92E+04	3.30E+04	.38	1.41E+06	2.89E+05	.20	
28	39	GEORGE	MS				6.56E+05	1.90E+05	.29	2.91E+06	1.31E+06	.45	5.78E+06	1.08E+06	.19	9.60E+02

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
28	41	GREENE	MS	2.80E+04	1.80E+04	.64				3.94E+05	3.04E+05	.77	1.73E+06	3.70E+05	.21	
28	43	GRENADA	MS							2.18E+05	3.50E+04	.16	5.25E+06	5.97E+05	.11	
28	45	HANCOCK	MS							5.54E+05	5.00E+03	.01	1.25E+06	2.23E+05	.18	
28	47	HARRISON	MS	8.90E+04	5.70E+04	.64				6.82E+05	7.70E+04	.11	8.53E+05	1.82E+05	.21	
28	49	HINDS	MS				7.28E+05	4.75E+05	.65	2.37E+06	3.04E+05	.13	9.07E+06	1.52E+06	.17	
28	51	HOLMES	MS				3.64E+04	1.06E+05	2.91	1.10E+06	3.15E+05	.29	1.76E+07	2.47E+06	.14	
28	53	HUMPHREYS	MS				4.05E+03	2.00E+03	.53	4.55E+06	1.73E+06	.38	3.06E+07	3.92E+06	.13	
28	55	ISSAQUENA	MS							4.67E+05	1.93E+05	.41	1.54E+07	2.51E+06	.16	
28	57	ITAWAMBA	MS				5.67E+04	1.90E+04	.34	4.65E+05	3.09E+05	.66	4.43E+06	6.54E+05	.15	
28	59	JACKSON	MS				8.26E+05	4.38E+05	.53	4.21E+05	2.16E+05	.51	2.38E+06	6.18E+05	.26	
28	61	JASPER	MS				3.24E+04	1.04E+05	3.21	3.58E+05	2.40E+05	.67	8.75E+05	2.39E+05	.27	
28	63	JEFFERSON	MS				4.05E+03	1.70E+04	4.10	1.93E+05	2.90E+04	.15	5.23E+06	9.30E+05	.18	
28	65	JEFFERSON DA	MS				1.62E+04	9.00E+03	.53	1.31E+06	9.00E+05	.69	3.05E+06	5.38E+05	.18	
28	67	JONES	MS	3.72E+05	2.38E+05	.64	2.69E+05	8.00E+04	.30	1.68E+06	5.58E+05	.33	2.32E+06	4.30E+05	.18	
28	69	KEMPER	MS				6.47E+04	3.40E+04	.53	8.11E+05	2.38E+05	.29	2.42E+06	5.97E+05	.25	
28	71	LAFAYETTE	MS	1.20E+04	8.00E+03	.64	1.62E+04	2.00E+04	1.24	3.64E+05	2.72E+05	.75	3.32E+06	4.33E+05	.13	
28	73	LAMAR	MS	1.09E+05	1.04E+05	.95	2.14E+05	2.36E+05	1.10	4.53E+06	1.20E+06	.27	1.70E+06	3.36E+05	.20	
28	75	LAUDERDALE	MS							3.82E+05	1.00E+05	.26	1.81E+05	2.69E+04	.15	
28	77	LAWRENCE	MS							3.24E+05	2.11E+05	.65	2.49E+06	4.86E+05	.20	
28	79	LEAKE	MS	4.00E+03	3.00E+03	.64				4.28E+05	1.22E+05	.29	1.95E+06	3.61E+05	.19	
28	81	LEE	MS							1.09E+05	3.00E+04	.27	1.21E+07	1.42E+06	.12	
28	83	LEFLORE	MS							1.33E+07	6.06E+06	.47	3.40E+07	4.37E+06	.13	
28	85	LINCOLN	MS							5.64E+05	6.60E+04	.12	1.30E+06	2.06E+05	.16	
28	87	LOWNDES	MS	3.60E+04	2.30E+04	.64	2.83E+04	3.80E+04	1.33	7.02E+05	1.68E+05	.24	1.16E+07	1.55E+06	.13	
28	89	MADISON	MS				3.64E+04	4.80E+04	1.32	8.09E+05	5.05E+05	.62	1.36E+07	1.71E+06	.13	
28	91	MARION	MS							7.10E+05	3.09E+05	.43	1.36E+06	3.08E+05	.23	
28	93	MARSHALL	MS				1.62E+04	9.00E+03	.53	7.60E+05	3.15E+05	.41	9.20E+06	1.19E+06	.13	
28	95	MONROE	MS				3.24E+04	2.70E+04	.83	2.69E+06	8.69E+05	.32	1.70E+07	2.38E+06	.14	
28	97	MONTGOMERY	MS				6.88E+04	3.60E+04	.53	4.89E+0	1.39E+05	.28	2.75E+06	4.74E+05	.17	
28	99	NESHOBA	MS							1.10E+05	6.20E+04	.56	1.50E+06	4.09E+05	.27	
28	101	NEWTON	MS							3.65E+05	2.58E+05	.71	1.84E+06	3.81E+05	.21	
28	103	NOXUBEE	MS				8.09E+03	4.00E+03	.53	5.95E+05	2.22E+05	.37	2.07E+07	3.29E+06	.16	
28	105	OKTIBBEHA	MS							8.47E+04	3.40E+04	.41	1.47E+06	2.01E+05	.14	1.08E+03
28	107	PANOLA	MS				2.21E+05	2.23E+05	1.01	1.66E+05	8.20E+04	.49	2.07E+07	2.51E+06	.12	
28	109	PEARL RIVER	MS				8.09E+03	3.30E+04	4.10	2.30E+06	1.42E+06	.62	1.54E+06	2.96E+05	.19	
28	111	PERRY	MS				5.02E+05	2.66E+05	.53	4.74E+05	3.35E+05	.71	2.10E+06	3.88E+05	.19	
28	113	PIKE	MS				4.05E+03	1.00E+03	.25	5.70E+05	8.60E+04	.15	2.67E+06	5.06E+05	.19	
28	115	PONTOTOC	MS				4.06E+04	2.00E+04	.49	1.25E+05	5.60E+04	.45	1.16E+07	1.32E+06	.11	
28	117	PRENTISS	MS	2.00E+04	1.90E+04	.95	5.67E+04	3.40E+04	.61	1.52E+05	1.21E+05	.79	1.13E+07	1.34E+06	.12	
28	119	QUITMAN	MS							2.82E+06	8.82E+05	.31	3.28E+07	3.41E+06	.10	
28	121	RANKIN	MS							8.25E+04	8.00E+03	.10	4.16E+06	6.66E+05	.16	
28	123	SCOTT	MS							2.70E+05	1.45E+05	.54	2.19E+06	4.00E+05	.18	
28	125	SHARKEY	MS							2.89E+06	1.36E+06	.47	3.32E+07	4.93E+06	.15	
28	127	SIMPSON	MS	8.90E+04	5.70E+04	.64	4.61E+05	1.18E+06	2.57	1.77E+06	1.35E+06	.76	2.62E+06	5.08E+05	.19	
28	129	SMITH	MS				9.31E+04	1.40E+05	1.51	1.04E+06	7.19E+05	.69	1.74E+06	3.85E+05	.22	
28	131	STONE	MS							2.05E+06	3.78E+05	.18	1.40E+06	3.28E+05	.23	
28	133	SUNFLOWER	MS							1.36E+07	6.04E+06	.44	4.79E+07	4.77E+06	.10	
28	135	TALLAHATCHIE	MS							2.65E+06	4.79E+05	.18	3.14E+07	3.41E+06	.11	
28	137	TATE	MS							1.61E+05	6.80E+04	.42	8.59E+06	1.10E+06	.13	
28	139	TIPPAH	MS	8.00E+03	5.00E+03	.64	9.71E+04	3.70E+04	.39	8.21E+05	1.88E+05	.23	6.81E+06	1.00E+06	.15	
28	141	TISHOMINGO	MS				1.66E+05	5.80E+04	.35	2.89E+05	8.00E+04	.28	3.02E+06	4.49E+05	.15	
28	143	TUNICA	MS							7.19E+06	3.27E+06	.45	4.46E+07	6.52E+06	.15	
28	145	UNION	MS	2.40E+04	2.30E+04	.95				1.54E+05	6.20E+04	.40	8.56E+06	1.13E+06	.13	
28	147	WALTHALL	MS				8.90E+04	7.20E+04	.80	3.70E+05	3.30E+04	.09	2.36E+06	5.43E+05	.23	
28	149	WARREN	MS							2.82E+05	8.30E+04	.29	5.43E+06	8.55E+05	.16	
28	151	WASHINGTON	MS	3.20E+04	2.10E+04	.64	5.87E+05	3.11E+05	.53	2.37E+07	9.41E+06	.40	5.57E+07	8.56E+06	.15	

ST	CO	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
28	153	WAYNE	MS				1.62E+04	9.00E+03	.53	9.19E+05	7.48E+05	.81	1.54E+06	3.40E+05	.22	
28	155	WEBSTER	MS				5.75E+05	3.05E+05	.53	9.91E+04	2.30E+04	.23	4.49E+06	6.58E+05	.15	
28	157	WILKINSON	MS							9.57E+06	9.72E+05	.10	3.17E+06	6.09E+05	.19	
28	159	WINSTON	MS				5.67E+04	3.00E+04	.53	5.51E+05	1.94E+05	.35	1.87E+06	3.70E+05	.20	
28	161	YALOBUSHA	MS							7.96E+05	2.12E+05	.27	4.18E+06	5.20E+05	.12	
28	163	YAZOO	MS							2.55E+05	6.70E+04	.26	2.91E+07	4.26E+06	.15	
29	0		MO	4.42E+06	7.8E+06	1.62	4.28E+07	3.83E+07	.89	9.01E+07	3.80E+07	.42	3.48E+09	7.62E+08	.22	3.29E+05
29	1	ADAIR	MO				1.04E+05	1.46E+05	1.39	2.43E+04	1.50E+04	.62	2.00E+07	4.86E+06	.24	
29	3	ANDREW	MO				6.27E+05	1.25E+06	2.00	4.86E+04	5.40E+04	1.12	3.46E+07	7.57E+06	.22	
29	5	ATCHISON	MO							1.33E+07	1.52E+06	.11	6.41E+07	1.82E+07	.28	
29	7	AUDRAIN	MO				8.09E+03	3.00E+03	.40	2.63E+05	3.25E+05	1.24	7.69E+07	1.69E+07	.22	
29	9	BARRY	MO				1.68E+06	2.08E+06	1.24	4.05E+03	1.00E+03	.20	6.09E+06	9.95E+05	.16	
29	11	BARTON	MO							8.09E+03	1.70E+04	2.16	8.03E+07	1.62E+07	.20	
29	13	BATES	MO							1.15E+06	9.00E+03	.01	5.88E+07	1.35E+07	.23	
29	15	BENTON	MO							8.09E+03	4.00E+03	.49	1.45E+07	3.50E+06	.24	
29	17	BOLLINGER	MO							1.62E+04	1.20E+04	.76	1.58E+07	2.22E+06	.14	
29	19	BOONE	MO				5.53E+05	3.99E+05	.72	2.71E+05	3.23E+05	1.19	3.15E+07	6.79E+06	.22	6.30E+02
29	21	BUCHANAN	MO				1.42E+06	2.06E+06	1.45	2.83E+04	2.80E+04	1.01	3.81E+07	9.24E+06	.24	
29	23	BUTLER	MO							5.69E+06	2.68E+06	.47	7.00E+07	1.00E+07	.14	
29	25	CALDWELL	MO							8.09E+03	9.00E+03	1.11	2.81E+07	5.07E+06	.18	7.80E+03
29	27	CALLAWAY	MO				1.78E+04	2.70E+04	1.50	1.09E+05	5.90E+04	.54	3.55E+07	7.98E+06	.22	
29	29	CAMDEN	MO							1.62E+04	3.20E+04	1.99	5.55E+05	1.18E+05	.21	
29	31	CAPE GIRARDE	MO				1.11E+06	1.19E+06	1.07	2.02E+04	1.30E+04	.65	4.86E+07	8.05E+06	.17	
29	33	CARROLL	MO				5.04E+04	4.50E+04	.88	1.54E+05	1.84E+05	1.20	7.59E+07	1.66E+07	.22	
29	35	CARTER	MO							6.88E+04	3.80E+04	.55	3.64E+05	7.20E+04	.20	7.20E+02
29	37	CASS	MO				2.02E+04	1.90E+04	.95	4.45E+04	2.40E+04	.53	3.46E+07	7.67E+06	.22	2.93E+03
29	39	CEDAR	MO							8.09E+03	8.00E+03	.99	9.73E+06	1.87E+06	.19	
29	41	CHARITON	MO							2.30E+06	9.00E+03		6.66E+07	1.57E+07	.24	
29	43	CHRISTIAN	MO							2.02E+04	1.50E+04	.76	2.99E+06	3.92E+05	.13	
29	45	CLARK	MO							7.09E+05	2.10E+04	.03	3.70E+07	1.12E+07	.30	
29	47	CLAY	MO							9.11E+05	9.82E+05	1.08	1.68E+07	3.41E+06	.20	
29	49	CLINTON	MO							4.86E+04	6.60E+04	1.37	2.61E+07	4.65E+06	.18	
29	51	COLE	MO				1.21E+04	1.20E+04	.95	1.29E+05	1.00E+05	.77	1.24E+07	2.59E+06	.21	
29	53	COOPER	MO							4.05E+03	6.00E+03	1.56	4.61E+07	1.09E+07	.24	
29	55	CRAWFORD	MO							4.45E+04	9.90E+04	2.23	2.29E+06	3.58E+05	.16	
29	57	DADE	MO							6.88E+04	3.70E+04	.55	2.85E+07	5.06E+06	.18	
29	59	DALLAS	MO							1.86E+05	1.88E+05	1.01	3.04E+06	4.47E+05	.15	
29	61	DAVIESS	MO							4.05E+03	2.00E+03	.62	4.44E+07	9.31E+06	.21	
29	63	DE KALB	MO							8.09E+03	5.00E+03	.64	2.71E+07	4.70E+06	.17	
29	65	DENT	MO							4.05E+03	4.00E+03	1.08	1.04E+06	1.96E+05	.19	
29	67	DOUGLAS	MO							2.43E+04	2.80E+04	1.15	1.16E+06	1.47E+05	.13	
29	69	DUNKLIN	MO				3.34E+06	1.26E+06	.35	1.37E+07	9.26E+06	.68	1.15E+08	1.89E+07	.16	
29	71	FRANKLIN	MO				1.90E+05	1.53E+05	.80	7.28E+04	6.20E+04	.85	3.47E+07	7.45E+06	.21	
29	73	GASCONADE	MO				1.69E+05	6.70E+04	.40	5.67E+04	8.60E+04	1.53	1.33E+07	2.85E+06	.21	
29	75	GENTRY	MO							8.09E+03	8.00E+03	.94	3.05E+07	6.25E+06	.21	
29	77	GREENE	MO				2.02E+04	2.40E+04	1.20	3.64E+04	7.30E+04	2.00	5.27E+06	9.27E+05	.18	6.30E+02
29	79	GRUNDY	MO							2.71E+06	3.94E+05	.15	2.86E+07	8.60E+06	.30	
29	81	HARRISON	MO							1.39E+06	1.73E+05	.12	3.75E+07	9.74E+06	.26	1.14E+03
29	83	HENRY	MO				8.09E+03	2.00E+03	.20	6.47E+04	7.60E+04	1.17	3.81E+07	9.30E+06	.24	
29	85	HICKORY	MO										2.90E+06	5.17E+05	.18	
29	87	HOLT	MO							1.40E+06	2.88E+05	.21	5.73E+07	1.69E+07	.29	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY PROD.
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	KG
29	89	HOWARD	MO							1.25E+05	8.40E+04	.67	3.17E+07	7.91E+06	.25	
29	91	HOWELL	MO				1.74E+05	4.70E+04	.27	4.05E+04	2.60E+04	.63	1.26E+06	2.40E+05	.19	
29	93	IRON	MO				8.09E+03	2.00E+03	.19	8.09E+03	7.00E+03	.89	4.42E+05	5.15E+04	.12	
29	95	JACKSON	MO	3.36E+05	5.32E+05	1.58	2.14E+06	1.99E+06	.93	5.42E+05	4.91E+05	.91	2.61E+07	5.76E+06	.22	1.50E+04
29	97	JASPER	MO				4.05E+03		.11	2.83E+04	3.40E+04	1.20	4.48E+07	7.52E+06	.17	
29	99	JEFFERSON	MO	6.72E+05	1.09E+06	1.62	3.19E+05	2.76E+05	.86	1.86E+05	2.67E+05	1.44	9.76E+06	1.80E+06	.18	
29	101	JOHNSON	MO							8.09E+03	4.00E+03	.44	3.30E+07	7.95E+06	.24	4.36E+02
29	103	KNOX	MO										3.64E+07	9.46E+06	.26	
29	105	LACLEDE	MO				2.02E+04	1.40E+04	.67	4.86E+04	6.90E+04	1.42	2.55E+06	5.38E+05	.21	
29	107	LAFAYETTE	MO				4.91E+06	8.91E+06	1.81	1.62E+04	1.80E+04	1.13	6.89E+07	1.89E+07	.27	
29	109	LAWRENCE	MO				3.94E+05	1.47E+05	.37	8.09E+03	4.00E+03	.55	1.75E+07	2.47E+06	.14	
29	111	LEWIS	MO							6.09E+05	3.10E+04	.05	3.83E+07	1.06E+07	.28	
29	113	LINCOLN	MO							6.88E+04	4.40E+04	.65	5.27E+07	1.47E+07	.28	
29	115	LINN	MO							8.86E+05	6.90E+04	.08	3.16E+07	6.82E+06	.22	
29	117	LIVINGSTON	MO							2.02E+04	2.60E+04	1.29	4.05E+07	8.17E+06	.20	
29	119	MC DONALD	MO							8.09E+03	3.00E+03	.33	1.33E+06	1.77E+05	.13	9.45E+02
29	121	MACON	MO							4.05E+03	1.00E+03	.29	3.69E+07	9.24E+06	.25	
29	123	MADISON	MO							8.09E+03	5.00E+03	.60	1.57E+06	2.70E+05	.17	
29	125	MARIES	MO							1.13E+05	1.44E+05	1.27	5.65E+06	9.70E+05	.17	
29	127	MARION	MO							4.05E+03	6.00E+03	1.47	4.34E+07	1.10E+07	.23	
29	129	MERCER	MO							1.66E+05	2.73E+05	1.67	1.59E+07	5.26E+06	.33	
29	131	MILLER	MO							7.28E+04	8.30E+04	1.14	5.53E+06	1.12E+06	.20	
29	133	MISSISSIPPI	MO							4.11E+06	4.56E+06	1.11	8.81E+07	1.80E+07	.20	
29	135	MONITEAU	MO							2.83E+04	1.80E+04	.64	2.10E+07	4.85E+06	.23	
29	137	MONROE	MO							1.21E+04	1.20E+04	.96	4.42E+07	8.84E+06	.20	
29	139	MONTGOMERY	MO							4.05E+03	6.00E+03	1.51	5.13E+07	1.32E+07	.26	
29	141	MORGAN	MO				1.21E+04	6.00E+03	.49	3.24E+04	1.20E+04	.38	1.19E+07	2.47E+06	.21	
29	143	NEW MADRID	MO							1.29E+06	4.01E+05	.31	1.24E+08	2.31E+07	.19	
29	145	NEWTON	MO				3.42E+06	1.67E+06	.49	1.21E+04	1.20E+04	.95	1.19E+07	1.69E+06	.14	
29	147	NODAWAY	MO							4.08E+06	3.73E+05	.09	6.37E+07	1.33E+07	.21	
29	149	OREGON	MO							4.05E+04	6.80E+04	1.68	8.47E+05	7.67E+04	.09	8.10E+02
29	151	OSAGE	MO							3.64E+04	5.00E+04	1.38	1.28E+07	2.95E+06	.23	
29	153	OZARK	MO							5.67E+04	1.25E+05	2.21	2.07E+05	3.72E+04	.18	3.22E+02
29	155	PEMISCOT	MO										8.56E+07	1.31E+07	.15	
29	157	PERRY	MO				6.90E+05	3.67E+05	.53	1.17E+05	1.59E+05	1.36	4.29E+07	8.49E+06	.20	
29	159	PETTIS	MO							1.05E+05	6.40E+04	.60	5.28E+07	1.23E+07	.23	
29	161	PHELPS	MO				1.22E+06	7.63E+05	.62	8.09E+03	1.10E+04	1.36	2.12E+06	3.79E+05	.18	
29	163	PIKE	MO				7.31E+05	3.76E+05	.51	4.05E+03	6.00E+03	1.48	4.95E+07	1.21E+07	.24	9.09E+02
29	165	PLATTE	MO							8.09E+03	7.00E+03	.88	3.65E+07	7.51E+06	.21	
29	167	POLK	MO				8.09E+03	4.00E+03	.46	1.21E+04	8.00E+03	.63	6.67E+06	1.09E+06	.16	
29	169	PULASKI	MO							8.09E+03	5.00E+03	.60	9.60E+05	2.11E+05	.22	
29	171	PUTNAM	MO							4.05E+03	2.00E+03	.40	1.09E+07	3.58E+06	.33	
29	173	RALLS	MO										4.11E+07	8.98E+06	.22	
29	175	RANDOLPH	MO				1.21E+04	1.20E+04	.95	1.05E+05	1.10E+05	1.04	2.66E+07	4.93E+06	.19	
29	177	RAY	MO							2.23E+05	2.47E+05	1.11	4.64E+07	9.96E+06	.21	
29	179	REYNOLDS	MO							8.09E+03	4.00E+03	.48	7.44E+05	1.40E+05	.19	
29	181	RIPLEY	MO							1.13E+06	6.73E+05	.60	7.24E+06	1.07E+06	.15	
29	183	ST CHARLES	MO				2.55E+05	2.14E+05	.84	2.75E+05	4.07E+05	1.48	6.83E+07	1.80E+07	.26	
29	185	ST CLAIR	MO							2.43E+05	6.30E+04	.26	2.84E+07	5.96E+06	.21	
29	187	ST FRANCOIS	MO							5.67E+04	9.00E+04	1.59	3.01E+06	4.63E+05	.15	
29	189	ST LOUIS	MO	1.76E+06	2.81E+06	1.60	1.61E+06	1.58E+06	.98	2.72E+06	3.36E+06	1.23	1.94E+07	4.55E+06	.23	
29	193	STE GENEVIEV	MO							1.21E+04	8.00E+03	.64	1.99E+07	4.38E+06	.22	
29	195	SALINE	MO							6.39E+05	5.90E+04	.09	7.33E+07	2.11E+07	.29	
29	197	SCHUYLER	MO										9.76E+06	2.47E+06	.25	
29	199	SCOTLAND	MO										3.08E+07	8.39E+06	.27	
29	201	SCOTT	MO				1.44E+05	1.56E+05	1.08	1.06E+06	1.29E+06	1.22	9.38E+07	1.60E+07	.17	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
29	203	SHANNON	MO							3.24E+04	2.40E+04	.75	5.86E+05	1.71E+05	.29	
29	205	SHELBY	MO							4.05E+03	1.00E+03	.31	4.02E+07	1.07E+07	.27	
29	207	STODDARD	MO	3.08E+05	5.01E+05	1.63	3.51E+05	9.10E+04	.26	3.51E+06	1.32E+06	.38	1.43E+08	2.69E+07	.19	
29	209	STONE	MO				1.09E+05	1.04E+05	.95	4.05E+03	4.00E+03	.86	5.81E+05	1.41E+05	.24	
29	211	SULLIVAN	MO							4.05E+03	3.00E+03	.79	1.71E+07	5.09E+06	.30	
29	213	TANEY	MO							1.70E+05	9.50E+04	.56	5.71E+05	9.87E+04	.17	
29	215	TEXAS	MO				1.05E+05	2.05E+05	1.95	8.09E+03	1.30E+04	1.65	2.04E+06	2.86E+05	.14	
29	217	VERNON	MO				1.76E+05	1.43E+05	.81	2.72E+06	8.40E+04	.03	6.64E+07	1.29E+07	.19	
29	219	WARREN	MO							2.83E+05	2.70E+04	.09	3.00E+07	8.43E+06	.28	
29	221	WASHINGTON	MO							8.09E+03	7.00E+03	.83	8.62E+05	1.47E+05	.17	
29	223	WAYNE	MO							8.09E+03	5.00E+03	.61	2.99E+06	4.66E+05	.16	
29	225	WEBSTER	MO							2.47E+05	9.60E+04	.39	2.32E+06	3.74E+05	.16	
29	227	WORTH	MO							4.05E+03	2.00E+03	.44	1.37E+07	2.95E+06	.22	
29	229	WRIGHT	MO				1.44E+05	1.47E+05	1.02	1.62E+04	8.00E+03	.51	7.60E+05	1.20E+05	.16	
30	0		MT	6.07E+04	1.65E+05	2.72	3.64E+06	1.91E+06	.52	3.28E+08	1.65E+08	.50	7.70E+09	1.21E+09	.16	4.88E+06
30	1	BEAVERHEAD	MT										2.58E+07	5.56E+06	.22	
30	3	BIG HORN	MT							8.54E+06	3.65E+06	.43	1.19E+08	2.59E+07	.22	5.28E+05
30	5	BLAINE	MT							1.50E+06	6.54E+05	.44	2.10E+08	3.44E+07	.16	
30	7	BROADWATER	MT							1.10E+07	7.87E+06	.71	5.00E+07	6.69E+06	.13	
30	9	CARBON	MT							2.71E+07	1.36E+07	.50	5.00E+07	1.13E+07	.23	
30	11	CARTER	MT							4.05E+03	5.00E+03	1.12	4.57E+07	6.63E+06	.14	
30	13	CASCADE	MT										2.33E+08	4.54E+07	.19	
30	15	CHOUTEAU	MT							1.70E+06	3.76E+05	.22	7.31E+08	1.42E+08	.19	
30	17	CUSTER	MT							1.00E+07	5.07E+06	.51	3.97E+07	7.48E+06	.19	
30	19	DANIELS	MT							2.20E+06	2.20E+05	.10	3.23E+08	3.89E+07	.12	
30	21	DAWSON	MT							2.63E+07	6.69E+06	.25	2.21E+08	4.15E+07	.19	
30	23	DEER LODGE	MT							1.06E+06	2.28E+06	2.15	1.59E+06	2.67E+05	.17	
30	25	FALLON	MT							1.21E+04	4.00E+03	.31	1.05E+08	1.88E+07	.18	
30	27	FERGUS	MT				4.05E+03	1.70E+04	4.10	3.75E+06	4.66E+05	.12	2.55E+08	4.70E+07	.18	3.07E+05
30	29	FLATHEAD	MT				1.86E+05	6.30E+04	.34	4.28E+06	9.52E+06	2.22	6.63E+07	1.82E+07	.27	
30	31	GALLATIN	MT							4.20E+06	1.36E+07	3.24	1.27E+08	2.74E+07	.22	2.22E+05
30	33	GARFIELD	MT										7.85E+07	1.29E+07	.16	
30	35	GLACIER	MT							2.13E+07	2.13E+06	.10	2.57E+08	3.45E+07	.13	1.84E+04
30	37	GOLDEN VALLE	MT										2.93E+07	4.50E+06	.15	
30	39	GRANITE	MT										1.24E+06	2.48E+05	.20	
30	41	HILL	MT							4.05E+04	9.60E+04	2.37	6.15E+08	9.23E+07	.15	
30	43	JEFFERSON	MT							1.21E+04	1.20E+04	1.01	1.97E+07	1.59E+06	.08	
30	45	JUDITH BASIN	MT							4.51E+06	4.57E+05	.10	1.48E+08	2.28E+07	.15	
30	47	LAKE	MT				1.96E+06	1.16E+06	.59	9.39E+06	2.57E+07	2.73	2.54E+07	5.93E+06	.23	1.45E+05
30	49	LEWIS AND CL	MT										2.81E+07	3.78E+06	.13	
30	51	LIBERTY	MT							1.10E+06	1.10E+05	.10	3.50E+08	3.25E+07	.09	
30	53	LINCOLN	MT							8.09E+03	4.00E+03	.48	3.60E+05	5.54E+04	.15	
30	55	MC CONE	MT							6.79E+06	3.61E+05	.05	2.54E+08	4.24E+07	.17	
30	57	MADISON	MT							4.61E+05	1.32E+06	2.87	2.01E+07	3.79E+06	.19	
30	59	MEAGHER	MT										1.70E+07	2.04E+06	.12	
30	61	MINERAL	MT										4.04E+05	5.92E+04	.15	
30	63	MISSOULA	MT				8.09E+03	9.00E+03	1.10	1.25E+05	1.56E+05	1.24	1.11E+07	2.14E+06	.19	
30	65	MUSSELSHELL	MT							3.24E+04	2.40E+04	.73	2.82E+07	4.62E+06	.16	
30	67	PARK	MT										3.72E+07	5.40E+06	.15	
30	69	PETROLEUM	MT										7.72E+06	1.24E+06	.16	
30	71	PHILLIPS	MT							5.67E+04	8.90E+04	1.57	2.00E+08	3.22E+07	.16	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
30	73	PONDERA	MT							8.01E+06	8.14E+05	.10	3.45E+08	4.08E+07	.12	
30	75	POWDER RIVER	MT							4.05E+03	1.00E+03	.31	4.20E+07	8.46E+06	.20	
30	77	POWELL	MT							3.84E+05	6.77E+05	1.76	6.54E+06	1.17E+06	.18	
30	79	PRAIRIE	MT							8.75E+06	3.33E+06	.38	5.31E+07	1.06E+07	.20	
30	81	RAVALLI	MT				8.09E+05	3.28E+05	.41	3.27E+06	5.78E+06	1.77	1.57E+07	3.55E+06	.23	4.01E+04
30	83	RICHLAND	MT							5.29E+07	1.85E+07	.35	2.14E+08	3.78E+07	.18	3.89E+05
30	85	ROOSEVELT	MT							1.35E+07	6.41E+05	.05	4.04E+08	5.42E+07	.13	
30	87	ROSEBUD	MT							6.61E+06	2.85E+06	.43	5.61E+07	1.10E+07	.20	
30	89	SANDERS	MT							4.05E+03	1.00E+03	.34	6.93E+06	1.23E+06	.18	
30	91	SHERIDAN	MT							9.80E+06	8.62E+05	.09	3.83E+08	4.87E+07	.13	
30	93	SILVER BOW	MT										1.21E+06	2.34E+05	.19	
30	95	STILLWATER	MT							3.00E+06	1.73E+06	.58	1.03E+08	1.72E+07	.17	
30	97	SWEET GRASS	MT				5.67E+04	3.00E+03	.05	8.09E+03	3.70E+04	4.61	1.63E+07	2.42E+06	.15	
30	99	TETON	MT							1.46E+05	2.25E+05	1.55	3.27E+08	5.46E+07	.17	6.86E+05
30	101	TOOLE	MT							3.61E+06	3.65E+05	.10	3.66E+08	2.93E+07	.08	
30	103	TREASURE	MT							1.72E+07	8.73E+06	.51	1.31E+07	3.41E+06	.26	
30	105	VALLEY	MT							4.05E+03	9.00E+03	2.31	3.74E+08	5.31E+07	.14	
30	107	WHEATLAND	MT							3.64E+04	3.90E+04	1.08	3.26E+07	3.44E+06	.11	
30	109	WIBAUX	MT							3.24E+06	1.78E+05	.05	7.02E+07	1.23E+07	.18	
30	111	YELLOWSTONE	MT							3.99E+07	2.04E+07	.51				
30	113	YELLWSTNE NA	MT							6.48E+04	3.70E+04	.57	1.46E+08	3.04E+07	.21	
31	0		NE	2.10E+05	5.47E+05	2.60	2.46E+06	2.91E+06	1.18	7.66E+08	3.60E+08	.47	6.06E+09	1.77E+09	.29	7.66E+06
31	1	ADAMS	NE							8.09E+03	6.00E+03	.78	1.14E+08	4.40E+07	.38	
31	3	ANTELOPE	NE							6.43E+06	2.31E+06	.36	9.58E+07	2.66E+07	.28	
31	5	ARTHUR	NE							4.05E+03	5.00E+03	1.34	1.35E+05	3.76E+04	.28	
31	7	BANNER	NE							1.66E+07	4.86E+07	2.92	9.45E+07	1.72E+07	.18	
31	9	BLAINE	NE										1.86E+06	7.70E+05	.41	
31	11	BOONE	NE							6.73E+06	2.13E+06	.32	5.47E+07	1.51E+07	.28	
31	13	BOX BUTTE	NE							9.73E+07	5.20E+07	.53	1.37E+08	2.68E+07	.19	
31	15	BOYD	NE							1.62E+04	2.10E+04	1.32	2.12E+07	3.84E+06	.18	
31	17	BROWN	NE							7.28E+04	1.70E+05	2.33	1.68E+07	1.01E+07	.61	
31	19	BUFFALO	NE				1.88E+05	1.37E+05	.73	1.85E+06	2.24E+06	1.21	9.62E+07	4.44E+07	.46	
31	21	BURT	NE							1.82E+05	5.70E+04	.31	6.70E+07	1.54E+07	.23	
31	23	BUTLER	NE										8.36E+07	2.68E+07	.32	5.96E+04
31	25	CASS	NE							1.01E+05	1.11E+05	1.10	7.74E+07	1.62E+07	.21	
31	27	CEDAR	NE							8.09E+03	6.00E+03	.74	7.11E+07	1.38E+07	.19	
31	29	CHASE	NE							4.53E+07	1.67E+07	.37	1.04E+08	3.25E+07	.31	
31	31	CHERRY	NE							1.38E+05	2.15E+05	1.56	7.99E+06	2.40E+06	.30	
31	33	CHEYENNE	NE							5.24E+06	1.46E+06	.28	2.71E+08	5.24E+07	.19	
31	35	CLAY	NE							1.10E+06	2.67E+05	.24	9.60E+07	3.99E+07	.42	
31	37	COLFAX	NE							6.88E+04	1.67E+05	2.43	5.69E+07	1.42E+07	.25	
31	39	CUMING	NE							1.21E+04	1.00E+04	.83	6.13E+07	1.23E+07	.20	
31	41	CUSTER	NE							2.07E+06	3.76E+05	.18	9.43E+07	3.38E+07	.35	2.19E+06
31	43	DAKOTA	NE							2.65E+06	8.76E+05	.33	3.06E+07	7.65E+06	.25	
31	45	DAWES	NE							4.05E+03	4.00E+03	1.01	5.66E+07	1.19E+07	.21	2.01E+05
31	47	DAWSON	NE							6.67E+06	3.18E+06	.48	6.90E+07	4.02E+07	.58	4.93E+05
31	49	DEUEL	NE							2.11E+07	7.92E+06	.38	1.18E+08	2.42E+07	.21	
31	51	DIXON	NE							4.03E+06	4.14E+05	.10	4.69E+07	8.25E+06	.18	
31	53	DODGE	NE				9.29E+04	8.00E+04	.86	1.29E+06	2.32E+05	.18	7.88E+07	2.01E+07	.26	
31	55	DOUGLAS	NE	1.05E+05	3.19E+05	3.03	3.76E+05	7.96E+05	2.12	1.84E+06	6.56E+05	.36	2.99E+07	6.58E+06	.22	
31	57	DUNDY	NE							1.62E+04	2.60E+04	1.59	6.61E+07	1.74E+07	.26	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
31	59	FILLMORE	NE							6.60E+05	1.71E+05	.26	1.12E+08	4.02E+07	.36	
31	61	FRANKLIN	NE				2.19E+04	1.00E+04	.46				5.86E+07	2.03E+07	.35	
31	63	FRONTIER	NE							4.05E+03	1.00E+03	.13	8.05E+07	2.57E+07	.32	
31	65	FURNAS	NE										8.65E+07	2.42E+07	.28	
31	67	GAGE	NE							8.09E+03	4.00E+03	.51	1.16E+08	2.89E+07	.25	
31	69	GARDEN	NE							4.49E+05	2.71E+05	.60	5.68E+07	1.25E+07	.22	
31	71	GARFIELD	NE							4.25E+05	3.37E+05	.79	5.13E+06	1.90E+06	.37	
31	73	GOSPER	NE										4.21E+07	1.60E+07	.38	
31	75	GRANT	NE													
31	77	GREELEY	NE							1.07E+06	2.71E+05	.25	2.42E+07	7.65E+06	.32	
31	79	HALL	NE				4.05E+04	1.66E+05	4.10	6.45E+06	3.74E+06	.58	7.40E+07	4.16E+07	.56	
31	81	HAMILTON	NE										9.18E+07	5.06E+07	.55	
31	83	HARLAN	NE							2.02E+04	9.10E+04	4.49	6.80E+07	2.25E+07	.33	
31	85	HAYES	NE										7.39E+07	1.82E+07	.25	
31	87	HITCHCOCK	NE										1.06E+08	2.62E+07	.25	
31	89	HOLT	NE							2.82E+07	1.26E+07	.45	7.06E+07	4.08E+07	.58	8.79E+04
31	91	HOOKER	NE										1.37E+05	3.05E+04	.22	
31	93	HOWARD	NE				4.05E+04	7.70E+04	1.91	5.15E+06	1.40E+06	.27	3.95E+07	1.60E+07	.40	4.69E+04
31	95	JEFFERSON	NE							4.05E+03	2.00E+03	.60	7.26E+07	1.81E+07	.25	2.13E+03
31	97	JOHNSON	NE										3.47E+07	7.23E+06	.21	1.06E+05
31	99	KEARNEY	NE							1.13E+06	4.65E+05	.41	9.85E+07	4.51E+07	.46	
31	101	KEITH	NE							3.46E+07	1.48E+07	.43	1.07E+08	2.66E+07	.25	
31	103	KEYA PAHA	NE							4.86E+04	5.50E+04	1.14	5.94E+06	1.88E+06	.32	
31	105	KIMBALL	NE							8.32E+06	1.52E+06	.18	2.01E+08	3.15E+07	.16	
31	107	KNOX	NE				4.45E+04	4.90E+04	1.10	7.20E+05	1.30E+05	.18	6.77E+07	1.32E+07	.20	
31	109	LANCASTER	NE				2.83E+04	1.16E+05	4.10	3.64E+05	3.92E+05	1.08	9.62E+07	2.36E+07	.24	6.15E+04
31	111	LINCOLN	NE							7.40E+06	5.05E+06	.68	9.37E+07	3.00E+07	.32	2.11E+05
31	113	LOGAN	NE										1.21E+07	2.93E+06	.24	
31	115	LOUP	NE							2.70E+06	2.18E+05	.08	4.23E+06	1.77E+06	.42	
31	117	MC PHERSON	NE							4.05E+03	4.00E+03	.93	6.48E+05	1.67E+05	.26	
31	119	MADISON	NE							4.05E+05	7.45E+05	1.84	6.17E+07	1.34E+07	.22	
31	121	MERRICK	NE							2.21E+07	1.09E+07	.49	5.62E+07	2.94E+07	.52	
31	123	MORRILL	NE							8.58E+07	3.78E+07	.44	4.98E+07	1.24E+07	.25	7.19E+04
31	125	NANCE	NE							5.13E+06	1.33E+06	.26	3.96E+07	1.25E+07	.31	
31	127	NEMAHA	NE							9.31E+04	2.90E+04	.32	5.29E+07	1.05E+07	.20	
31	129	NUCKOLLS	NE										6.84E+07	1.93E+07	.28	
31	131	OTOE	NE							8.09E+03	4.00E+03	.51	7.95E+07	1.62E+07	.20	2.25E+05
31	133	PAWNEE	NE										2.74E+07	5.02E+06	.18	
31	135	PERKINS	NE							1.33E+07	3.20E+06	.24	2.12E+08	4.86E+07	.23	
31	137	PHELPS	NE							9.31E+05	2.20E+05	.24	8.41E+07	4.75E+07	.57	
31	139	PIERCE	NE							1.62E+04	1.80E+04	1.11	5.98E+07	1.29E+07	.22	
31	141	PLATTE	NE							1.19E+06	2.29E+05	.19	8.58E+07	2.52E+07	.29	
31	143	POLK	NE							4.86E+05	1.40E+05	.29	6.18E+07	2.66E+07	.43	
31	145	RED WILLOW	NE							1.62E+04	2.20E+04	1.36	9.06E+07	2.58E+07	.28	
31	147	RICHARDSON	NE							1.62E+04	3.00E+04	1.87	6.19E+07	1.42E+07	.23	
31	149	ROCK	NE										7.61E+06	5.28E+06	.69	
31	151	SALINE	NE							4.05E+03	2.00E+03	.47	9.76E+07	2.68E+07	.27	
31	153	SARPY	NE							8.94E+05	1.38E+05	.15	2.54E+07	5.07E+06	.20	
31	155	SAUNDERS	NE							5.91E+05	8.20E+04	.14	1.07E+08	2.42E+07	.23	
31	157	SCOTTS BLUFF	NE				8.09E+03	3.30E+04	4.10	2.59E+08	9.95E+07	.38	3.77E+07	1.25E+07	.33	
31	159	SEWARD	NE										8.34E+07	2.75E+07	.33	
31	161	SHERIDAN	NE				6.58E+04	3.40E+04	.51	1.00E+07	5.35E+06	.53	8.60E+07	1.86E+07	.22	1.15E+05
31	163	SHERMAN	NE							6.76E+05	1.71E+05	.25	2.92E+07	9.02E+06	.31	
31	165	SIOUX	NE							2.26E+07	8.53E+06	.38	9.95E+06	2.58E+06	.26	
31	167	STANTON	NE							8.09E+03	7.00E+03	.81	4.03E+07	7.20E+06	.18	
31	169	THAYER	NE										1.00E+08	3.01E+07	.30	

ST	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
31	171	THOMAS	NE										4.37E+05	2.58E+05	.59	
31	173	THURSTON	NE							8.34E+05	1.30E+05	.16	4.22E+07	7.91E+06	.19	
31	175	VALLEY	NE							7.09E+06	2.03E+06	.29	3.40E+07	1.20E+07	.35	3.77E+05
31	177	WASHINGTON	NE				4.45E+04	1.11E+05	2.49	1.39E+06	4.01E+05	.29	4.80E+07	9.61E+06	.20	7.60E+05
31	179	WAYNE	NE				9.50E+04	7.60E+04	.80	5.79E+05	6.90E+04	.12	4.58E+07	7.04E+06	.15	
31	181	WEBSTER	NE							3.24E+04	2.40E+04	.73	5.38E+07	1.39E+07	.26	
31	183	WHEELER	NE										6.59E+06	2.82E+06	.43	
31	185	YORK	NE							6.27E+05	1.48E+05	.24	8.77E+07	4.34E+07	.49	
32	0		NV				1.96E+05	7.20E+04	.37	3.30E+07	1.29E+08	3.89	5.43E+07	1.54E+07	.28	1.62E+05
32	1	CHURCHILL	NV										8.36E+06	2.56E+06	.31	2.38E+04
32	3	CLARK	NV										5.86E+05	1.68E+05	.29	
32	5	DOUGLAS	NV										1.12E+06	3.08E+05	.28	
32	7	ELKO	NV										1.05E+06	1.95E+05	.19	
32	9	ESMERALDA	NV										3.36E+04	1.50E+03	.04	
32	11	EUREKA	NV										5.62E+06	1.16E+06	.21	
32	13	HUMBOLDT	NV							2.95E+07	1.21E+08	4.09	1.79E+07	4.43E+06	.25	
32	15	LANDER	NV										2.37E+06	3.80E+05	.16	
32	17	LINCOLN	NV										1.96E+05	7.17E+04	.37	
32	19	LYON	NV							1.38E+06	3.30E+06	2.40	4.56E+06	1.30E+06	.29	
32	21	MINERAL	NV													
32	23	NYE	NV				3.52E+04	2.70E+04	.76				3.00E+05	2.27E+04	.08	
32	25	CARSON CITY	NV													
32	27	PERSHING	NV										9.78E+06	4.28E+06	.44	
32	29	STOREY	NV													
32	31	WASHOE	NV							6.60E+05	1.49E+06	2.26	8.13E+05	2.67E+05	.33	1.94E+04
32	33	WHITE PINE	NV										1.61E+06	2.08E+05	.13	
33	0		NH	1.14E+06	3.33E+06	2.92	2.18E+07	3.65E+07	1.67	1.20E+07	1.34E+07	1.11	6.62E+05	2.10E+05	.32	9.61E+02
33	1	BELKNAP	NH				4.86E+04	6.40E+04	1.33	1.82E+05	1.82E+05	1.00	8.37E+02	3.00E+02	.36	
33	3	CARROLL	NH				3.27E+05	2.76E+05	.85	3.08E+05	2.58E+05	.84	2.79E+03	1.50E+03	.54	
33	5	CHESHIRE	NH				1.21E+05	2.09E+05	1.72	5.91E+05	5.03E+05	.85	1.29E+05	4.00E+04	.31	
33	7	COOS	NH	4.00E+03	1.30E+04	3.13	2.02E+04	3.00E+04	1.48	9.15E+05	2.00E+06	2.19	7.79E+04	3.81E+04	.49	
33	9	GRAFTON	NH	1.60E+04	4.10E+04	2.50	7.28E+04	1.15E+05	1.58	3.84E+05	5.06E+05	1.32	2.68E+04	9.10E+03	.34	
33	11	HILLSBOROUGH	NH	5.30E+05	1.71E+06	3.11	1.09E+07	2.08E+07	1.91	4.35E+06	4.40E+06	1.01	4.68E+04	1.97E+04	.42	
33	13	MERRIMACK	NH	8.00E+03	2.50E+04	3.13	1.32E+06	2.52E+06	1.91	1.14E+06	1.36E+06	1.19	3.79E+04	1.46E+04	.39	
33	15	ROCKINGHAM	NH	4.53E+05	1.26E+06	2.79	5.78E+06	1.07E+07	1.85	2.98E+06	3.09E+06	1.04	2.75E+05	7.98E+04	.29	
33	17	STRAFFORD	NH				1.21E+06	7.24E+05	.60	4.78E+05	4.33E+05	.91	6.39E+04	6.10E+03	.10	
33	19	SULLIVAN	NH				8.09E+03	3.00E+03	.40	5.42E+05	4.27E+05	.79	9.77E+03	4.60E+03	.47	
34	0		NJ	4.72E+07	8.58E+07	1.82	3.55E+08	4.03E+08	1.14	1.46E+08	2.08E+08	1.42	1.39E+08	4.23E+07	.30	1.64E+05
34	1	ATLANTIC	NJ	4.27E+06	8.58E+06	2.01	3.64E+07	3.93E+07	1.08	9.43E+06	1.45E+07	1.54	2.42E+05	4.72E+04	.19	
34	3	BERGEN	NJ	1.42E+05	3.12E+05	2.20	2.39E+06	3.81E+06	1.59	1.10E+06	1.05E+06	.96				
34	5	BURLINGTON	NJ	2.49E+06	3.31E+06	1.33	3.88E+07	3.75E+07	.97	1.90E+07	2.15E+07	1.13	2.03E+07	6.48E+06	.32	3.70E+04

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ----			----- EXPOSED PRODUCE ----			---- PROTECTED PRODUCE ---			----- GRAIN FOR FOOD -----			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
34	7	CAMDEN	NJ	4.01E+05	8.38E+05	2.09	1.13E+07	1.74E+07	1.53	3.56E+06	3.12E+06	.88	3.85E+05	7.28E+04	.19	
34	9	CAPE MAY	NJ	1.62E+05	3.78E+05	2.33	1.33E+06	1.29E+06	.97	1.10E+07	4.24E+06	.38	8.56E+05	1.72E+05	.20	
34	11	CUMBERLAND	NJ	1.95E+07	3.26E+07	1.67	6.87E+07	6.39E+07	.93	2.95E+07	3.50E+07	1.19	1.14E+07	2.99E+06	.26	
34	13	ESSEX	NJ	4.90E+04	1.10E+05	2.27	4.94E+05	9.92E+05	2.01	4.82E+05	4.79E+05	.99	4.71E+04	1.70E+04	.36	
34	15	GLOUCESTER	NJ	2.02E+06	4.14E+06	2.04	8.79E+07	1.15E+08	1.31	1.47E+07	1.90E+07	1.30	8.76E+06	2.10E+06	.24	
34	17	HUDSON	NJ													
34	19	HUNTERDON	NJ	4.65E+05	1.10E+06	2.36	2.02E+06	2.23E+06	1.10	8.34E+05	8.07E+05	.97	1.45E+07	5.08E+06	.35	
34	21	MERCER	NJ	2.95E+05	6.18E+05	2.09	1.07E+06	1.45E+06	1.36	4.04E+06	7.81E+06	1.93	1.35E+07	3.90E+06	.29	8.17E+03
34	23	MIDDLESEX	NJ	2.78E+06	4.83E+06	1.74	4.33E+06	6.56E+06	1.52	8.03E+06	2.29E+07	2.85	9.65E+06	2.71E+06	.28	
34	25	MONMOUTH	NJ	4.98E+06	9.08E+06	1.82	1.22E+07	2.06E+07	1.70	1.45E+07	3.20E+07	2.21	1.65E+07	4.89E+06	.30	
34	27	MORRIS	.	1.15E+06	2.43E+06	2.10	1.67E+06	2.58E+06	1.55	2.45E+06	2.88E+06	1.17	1.22E+06	4.49E+05	.37	
34	29	OCEAN	NJ	1.05E+05	3.48E+05	3.36	1.39E+06	1.46E+06	1.05	2.02E+06	1.66E+06	.82	1.73E+06	4.90E+05	.28	
34	31	PASSAIC	NJ				2.16E+05	2.30E+05	1.07	1.98E+05	3.27E+05	1.65				
34	33	SALEM	NJ	1.87E+06	3.93E+06	2.10	7.69E+07	8.08E+07	1.05	2.02E+07	3.43E+07	1.70	2.23E+07	6.38E+06	.29	
34	35	SOMERSET	NJ				8.37E+05	7.99E+05	.95	8.38E+05	8.39E+05	1.00	6.84E+06	1.98E+06	.29	3.33E+04
34	37	SUSSEX	NJ				1.80E+06	1.82E+06	1.01	1.48E+06	1.30E+06	.88	1.05E+06	5.05E+05	.48	3.56E+04
34	39	UNION	NJ	1.60E+04	1.70E+04	1.06	1.21E+05	1.97E+05	1.63	2.31E+05	2.73E+05	1.18				
34	41	WARREN	NJ	4.82E+06	1.18E+07	2.46	1.56E+06	1.95E+06	1.25	1.62E+06	1.85E+06	1.14	9.15E+06	3.94E+06	.43	
35	0		NM	1.75E+07	4.24E+07	2.43	4.04E+07	2.15E+07	.53	9.93E+07	7.46E+07	.75	3.07E+08	4.57E+07	.15	2.70E+05
35	1	BERNALILLO	NM	2.40E+04	7.60E+04	3.13	3.04E+05	2.24E+05	.74	6.69E+05	4.20E+05	.63	2.67E+05	9.07E+04	.34	
35	3	CATRON	NM										3.68E+04	7.50E+03	.20	
35	5	CHAVES	NM				3.50E+05	1.45E+05	.41	4.55E+06	1.04E+06	.23	6.13E+06	1.29E+06	.21	
35	7	COLFAX	NM										1.79E+06	3.38E+05	.19	
35	9	CURRY	NM							3.94E+06	4.54E+06	1.15	1.21E+08	2.12E+07	.18	
35	11	DE BACA	NM										3.02E+05	5.31E+04	.18	
35	13	DONA ANA	NM	1.27E+07	2.92E+07	2.30	2.37E+07	1.38E+07	.58	3.63E+07	3.73E+07	1.03	1.15E+07	2.91E+06	.25	
35	15	EDDY	NM							8.76E+05	3.40E+04	.04	4.16E+06	7.62E+05	.18	
35	17	GRANT	NM				1.42E+05	3.86E+05	2.38				1.09E+05	3.81E+04	.35	
35	19	GUADALUPE	NM													
35	21	HARDING	NM										1.96E+06	2.30E+05	.12	
35	23	HIDALGO	NM							3.37E+06	5.10E+05	.15	4.29E+06	1.31E+06	.31	
35	25	LEA	NM				2.23E+05	3.99E+05	1.79	1.49E+06	1.93E+06	1.29	4.73E+06	7.34E+05	.16	
35	27	LINCOLN	NM				1.11E+06	8.20E+04	.07							
35	29	LUNA	NM	1.29E+06	2.95E+06	2.28	2.21E+06	1.21E+06	.55	4.59E+06	2.46E+06	.54	7.15E+06	1.99E+06	.28	
35	31	MC KINLEY	NM										7.86E+04	6.40E+03	.08	
35	33	MORA	NM							4.05E+03	1.10E+04	2.81	3.53E+05	4.75E+04	.13	
35	35	OTERO	NM				6.58E+05	4.20E+05	.64	2.97E+05	5.00E+03	.02	1.08E+06	1.52E+05	.14	
35	37	QUAY	NM							9.74E+05	1.24E+05	.13	4.07E+07	2.88E+06	.07	
35	39	RIO ARRIBA	NM	2.31E+05	5.26E+05	2.28	1.16E+06	4.57E+05	.39	1.63E+05	1.17E+05	.72	5.74E+06	8.36E+05	.15	1.88E+03
35	41	ROOSEVELT	NM				7.28E+04	5.50E+04	.75	2.32E+07	4.29E+06	.19	6.68E+07	4.28E+06	.06	
35	43	SANDOVAL	NM	1.61E+05	2.31E+05	2.28	8.00E+05	3.42E+05	.43	3.54E+05	3.87E+05	1.09	2.53E+05	3.76E+04	.15	
35	45	SAN JUAN	NM				1.10E+06	5.23E+05	.48	1.49E+06	2.11E+06	1.42	1.44E+06	4.75E+05	.33	
35	47	SAN MIGUEL	NM				1.21E+06	5.45E+05	.45				2.24E+06	2.73E+05	.12	
35	49	SANTA FE	NM				8.09E+03	1.30E+04	1.65	5.26E+04	5.50E+04	1.04	2.22E+06	3.79E+05	.17	
35	51	SIERRA	NM	6.60E+05	1.50E+06	2.28	4.15E+06	2.08E+06	.50	6.30E+05	3.85E+05	.61	5.76E+05	1.61E+05	.28	
35	53	SOCORRO	NM				4.05E+05	1.38E+05	.34	4.95E+05	9.00E+04	.18	8.86E+05	2.21E+05	.25	
35	55	TAOS	NM				2.02E+04	7.00E+03	.34				6.13E+05	1.06E+05	.17	
35	57	TORRANCE	NM							1.10E+07	1.49E+07	1.36	2.55E+06	5.03E+05	.20	
35	59	UNION	NM							3.27E+05	1.80E+04	.06	1.18E+07	2.46E+06	.21	
35	61	VALENCIA	NM				2.79E+05	9.50E+04	.34	1.26E+06	6.78E+05	.54	2.13E+06	3.73E+05	.18	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
36	0		NY	8.93E+07	2.94E+08	3.30	7.14E+08	7.10E+08	.99	6.14E+08	1.03E+09	1.68	5.43E+08	1.83E+08	.34	2.93E+06
36	1	ALBANY	NY	5.42E+05	1.89E+06	3.50	3.56E+06	4.24E+06	1.19	1.91E+06	2.10E+06	1.10	1.49E+06	5.18E+05	.35	1.89E+04
36	3	ALLEGANY	NY				4.05E+04	5.70E+04	1.41	1.68E+06	3.84E+06	2.29	7.20E+06	1.96E+06	.27	8.60E+04
36	5	BRONX	NY													
36	7	BROOME	NY	3.20E+04	1.42E+05	4.40	7.56E+05	7.22E+05	.95	1.06E+06	1.04E+06	.98	1.17E+06	3.88E+05	.33	
36	9	CATTARAUGUS	NY				1.88E+07	1.04E+07	.56	3.56E+05	2.88E+05	.81	4.08E+06	1.10E+06	.27	1.94E+03
36	11	CAYUGA	NY	4.98E+05	1.91E+06	3.83	1.51E+07	8.83E+06	.58	2.67E+07	1.83E+07	.69	4.22E+07	1.52E+07	.36	2.02E+05
36	13	CHAUTAUQUA	NY	2.71E+05	4.23E+05	1.56	8.77E+07	8.53E+07	.97	2.39E+06	3.06E+06	1.28	4.80E+06	1.64E+06	.34	1.35E+04
36	15	CHEMUNG	NY	5.30E+04	1.87E+05	3.56	2.85E+05	2.84E+05	1.00	1.27E+06	1.47E+06	1.32	2.73E+06	8.31E+05	.31	
36	17	CHENANGO	NY	4.50E+04	1.96E+05	4.40	4.86E+04	5.00E+04	1.03	6.03E+05	8.79E+05	1.46	3.29E+06	1.11E+06	.34	
36	19	CLINTON	NY	8.00E+03	3.60E+04	4.40	7.61E+06	1.45E+07	1.91	1.15E+06	2.03E+06	1.77	7.14E+05	2.63E+05	.37	
36	21	COLUMBIA	NY				2.43E+07	2.15E+07	.89	5.47E+06	9.46E+06	1.73	5.51E+06	2.35E+06	.43	
36	23	CORTLAND	NY	5.58E+05	2.46E+06	4.40	2.83E+04	3.60E+04	1.27	3.44E+05	3.83E+05	1.11	3.59E+06	1.33E+06	.37	3.14E+03
36	25	DELAWARE	NY	8.30E+03	3.79E+03	1.06	9.31E+04	8.20E+04	.89	7.65E+05	6.78E+05	.89	5.83E+05	2.76E+05	.47	
36	27	DUTCHESS	NY	3.40E+04	1.20E+05	3.29	1.01E+07	1.33E+07	1.31	5.79E+06	5.91E+06	1.02	3.45E+06	1.46E+06	.42	9.71E+03
36	29	ERIE	NY	4.75E+06	1.46E+07	3.07	5.48E+07	3.44E+07	.63	1.34E+07	1.95E+07	1.46	1.36E+07	4.07E+06	.30	1.20E+04
36	31	ESSEX	NY				1.95E+06	3.43E+06	1.75	2.10E+05	2.01E+05	.95	1.21E+06	3.12E+05	.26	8.47E+03
36	33	FRANKLIN	NY				8.09E+03	1.00E+04	1.20	6.24E+06	1.57E+07	2.51	1.14E+06	3.62E+05	.32	
36	35	FULTON	NY				1.99E+05	2.99E+05	1.51	5.34E+05	5.09E+05	.95	6.18E+05	1.89E+05	.31	
36	37	GENESEE	NY	2.29E+06	1.01E+07	4.40	1.30E+07	8.12E+06	.62	5.55E+07	6.98E+07	1.26	3.58E+07	1.23E+07	.34	3.04E+05
36	39	GREENE	NY				1.30E+06	1.54E+06	1.18	8.86E+05	1.26E+06	1.43	5.71E+05	1.91E+05	.33	
36	41	HAMILTON	NY													
36	43	HERKIMER	NY	8.50E+04	3.74E+05	4.40	9.73E+05	7.44E+05	.77	7.69E+05	3.56E+05	.46	3.78E+06	1.18E+06	.31	3.55E+04
36	45	JEFFERSON	NY				2.02E+04	2.50E+04	1.24	8.22E+05	4.17E+05	.51	1.15E+07	3.64E+06	.32	3.13E+05
36	47	KINGS	NY													
36	49	LEWIS	NY				4.05E+03	2.00E+03	.38	1.82E+05	2.07E+05	1.13	1.91E+06	4.68E+05	.25	
36	51	LIVINGSTON	NY				3.13E+05	3.80E+05	1.22	5.64E+07	4.15E+07	.74	4.44E+07	1.53E+07	.34	4.23E+04
36	53	MADISON	NY	2.99E+05	1.32E+06	4.40	7.47E+05	7.54E+05	1.01	8.67E+06	2.19E+07	2.53	1.08E+07	4.20E+06	.39	2.28E+04
36	55	MONROE	NY	6.49E+06	2.72E+07	4.19	3.03E+07	2.98E+07	.98	4.04E+07	3.11E+07	.77	2.97E+07	9.29E+06	.31	2.98E+04
36	57	MONTGOMERY	NY				8.90E+04	6.30E+04	.71	6.52E+05	6.27E+05	.96	6.31E+06	2.04E+06	.32	
36	59	NASSAU	NY	6.10E+04	1.94E+05	3.19	1.94E+05	2.39E+05	1.23	6.19E+05	7.98E+05	1.29				
36	61	NEW YORK	NY													
36	63	NIAGARA	NY	3.04E+06	1.27E+07	4.18	5.07E+07	6.12E+07	1.21	4.64E+06	5.95E+06	1.28	2.58E+07	7.55E+06	.29	1.31E+05
36	65	ONEIDA	NY	6.39E+05	2.81E+06	4.40	1.59E+07	8.39E+06	.53	5.05E+06	1.04E+07	2.06	9.17E+06	3.37E+06	.37	7.25E+04
36	67	ONONDAGA	NY	1.49E+06	5.10E+06	3.42	1.38E+07	1.39E+07	1.01	4.62E+06	4.34E+06	.94	2.15E+07	7.49E+06	.35	4.37E+04
36	69	ONTARIO	NY	1.06E+07	4.65E+07	4.40	2.77E+07	1.66E+07	.60	4.07E+07	5.25E+07	1.29	4.74E+07	1.73E+07	.36	2.19E+05
36	71	ORANGE	NY	1.36E+07	3.04E+07	2.23	1.05E+07	1.46E+07	1.39	2.82E+07	8.54E+07	3.03	1.21E+06	6.50E+05	.5	7.08E+03
36	73	ORLEANS	NY	8.47E+06	3.54E+07	4.18	4.62E+07	5.42E+07	1.17	3.63E+07	5.61E+07	1.54	3.05E+07	9.64E+06	.32	3.36E+04
36	75	OSWEGO	NY	5.89E+06	1.31E+07	2.23	1.04E+07	8.09E+06	.78	6.08E+06	1.53E+07	2.52	3.19E+06	9.67E+05	.30	1.66E+04
36	77	OTSEGO	NY	4.00E+03	1.80E+04	4.40	2.93E+04	3.60E+04	1.27	8.62E+05	1.84E+06	2.14	4.50E+06	1.30E+06	.29	2.25E+03
36	79	PUTNAM	NY										3.93E+04	9.70E+03	.25	
36	81	QUEENS	NY													
36	83	RENSSELAER	NY	3.60E+04	1.06E+05	2.93	1.38E+06	1.33E+06	.96	1.25E+06	1.64E+06	1.31	2.90E+06	1.14E+06	.39	1.99E+03
36	85	RICHMOND	NY													
36	87	ROCKLAND	NY	4.00E+04	1.78E+05	4.40	5.38E+05	6.71E+05	1.25	1.21E+06	1.28E+06	1.06				
36	89	ST LAWRENCE	NY				1.78E+05	2.84E+05	1.59	9.63E+05	1.03E+06	1.07	1.74E+06	5.54E+05	.32	3.53E+04
36	91	SARATOGA	NY	4.00E+04	1.12E+05	2.76	3.77E+06	5.38E+06	1.43	1.57E+06	1.66E+06	1.06	3.13E+06	1.39E+06	.44	
36	93	SCHENECTADY	NY	9.70E+04	2.25E+05	2.31	6.08E+05	5.26E+05	.87	7.57E+05	7.27E+05	.96	4.62E+05	1.46E+05	.32	6.39E+04
36	95	SCHOHARIE	NY	8.90E+04	3.92E+05	4.40	9.93E+05	5.75E+05	.58	1.84E+06	1.22E+06	.66	2.66E+06	9.96E+05	.37	
36	97	SCHUYLER	NY	2.40E+04	1.07E+05	4.40	7.50E+06	7.56E+06	1.01	1.93E+06	4.42E+05	.24	5.46E+06	1.55E+06	.28	
36	99	SENECA	NY	1.38E+05	6.05E+05	4.40	2.63E+06	2.23E+06	.85	6.54E+06	8.40E+06	1.28	3.27E+07	1.04E+07	.32	1.12E+05
36	101	STEUBEN	NY				1.27E+07	1.20E+07	.92	2.47E+07	6.56E+07	2.65	2.06E+07	5.78E+06	.28	
36	103	SUFFOLK	NY	1.12E+07	2.87E+07	2.56	6.09E+06	6.30E+06	1.03	1.16E+08	3.05E+08	2.62	3.84E+06	7.82E+05	.20	
36	105	SULLIVAN	NY	4.50E+04	1.65E+05	3.70	2.60E+05	3.50E+05	1.34	5.95E+05	6.52E+05	1.10	3.01E+05	1.40E+05	.46	
36	107	TIOGA	NY	3.20E+04	1.42E+05	4.40	3.56E+05	2.95E+05	.83	1.31E+06	1.52E+06	1.16	3.55E+06	1.11E+06	.31	1.06E+05

APPENDIX B (CONTINUED)

IS	C	COUNTY NAME	ST	---- LEAFY VEGETABLES - -- AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	----- EXPOSED PRODUCE ---- AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	---- PROTECTED PRODUCE --- AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	----- GRAIN FOR FOOD ----- AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	HONEY PROD. KG
36	109	TOMPKINS	NY				2.30E+06	1.16E+06	.50	2.16E+06	1.04E+06	.48	1.23E+07	4.40E+06	.36	
36	111	ULSTER	NY	9.30E+04	4.10E+05	4.40	4.99E+07	6.79E+07	1.36	1.31E+07	1.30E+07	.99	2.24E+04	1.10E+06	.49	1.25E+05
36	113	WARREN	NY				4.45E+04	2.90E+04	.65	1.62E+05	1.46E+05	.90				
36	115	WASHINGTON	NY				8.07E+05	8.76E+05	1.10	2.23E+06	4.71E+06	2.11	2.88E+06	1.41E+06	.49	
36	117	WAYNE	NY	3.97E+06	1.64E+07	4.14	1.23E+08	1.38E+08	1.12	2.78E+07	5.33E+07	1.92	2.43E+07	8.42E+06	.35	1.48E+05
36	119	WESTCHESTER	NY	8.00E+03	1.00E+04	1.20	1.79E+06	2.46E+06	1.37	1.62E+06	1.98E+06	1.22	2.48E+04	6.80E+03	.27	
36	121	WYOMING	NY				2.79E+06	3.66E+06	1.31	2.93E+07	5.45E+07	1.86	1.96E+07	6.54E+06	.33	
36	123	YATES	NY	5.91E+06	2.60E+07	4.40	3.59E+07	3.18E+07	.89	1.13E+07	1.91E+07	1.69	1.96E+07	6.95E+06	.36	5.06E+04
37	0		NC	2.62E+07	4.05E+07	1.55	1.72E+08	1.39E+08	.81	7.01E+08	3.50E+08	.50	1.24E+09	3.92E+08	.32	3.78E+05
37	1	ALAMANCE	NC	1.20E+04	1.90E+04	1.57	3.47E+05	1.65E+05	.47	8.57E+05	7.07E+05	.83	1.33E+07	3.85E+06	.29	
37	3	ALEXANDER	NC				1.55E+06	1.17E+06	.75	1.29E+05	1.27E+05	.99	2.92E+06	7.61E+05	.26	
37	5	ALLEGHANY	NC	2.76E+06	4.33E+06	1.57	2.02E+06	1.20E+06	.61	5.26E+04	7.70E+04	1.46	1.67E+05	6.68E+04	.40	1.13E+03
37	7	ANSON	NC				2.11E+06	7.35E+05	.35	6.79E+04	4.54E+04	.67	1.26E+07	2.68E+06	.21	
37	9	ASHE	NC	1.70E+05	2.67E+05	1.57	1.39E+06	6.94E+05	.44	6.27E+05	6.97E+05	1.11	1.46E+05	5.05E+04	.35	
37	11	AVERY	NC	6.15E+05	9.66E+05	1.57	1.12E+06	9.93E+05	.88	2.39E+05	1.58E+05	.66	6.71E+04	1.74E+04	.26	
37	13	BEAUFORT	NC	1.13E+05	1.58E+05	1.39	1.12E+06	4.70E+05	.42	7.39E+06	9.85E+06	1.33	2.89E+07	1.05E+07	.36	
37	15	BERTIE	NC							6.85E+07	1.31E+07	.19	1.61E+07	6.72E+06	.42	
37	17	BLADEN	NC	8.00E+03	1.30E+04	1.57	3.85E+06	7.51E+05	.19	1.48E+07	3.45E+06	.23	1.50E+07	5.26E+06	.35	
37	19	BRUNSWICK	NC	1.60E+04	2.30E+04	1.39	4.09E+05	1.14E+05	.28	9.37E+05	9.13E+05	.97	6.18E+06	2.01E+06	.32	
37	21	BUNCOMBE	NC	2.14E+05	3.37E+05	1.57	8.10E+05	5.14E+05	.63	6.10E+05	7.31E+05	1.20	6.90E+05	2.37E+05	.34	
37	23	BURKE	NC				5.74E+05	6.47E+05	1.16	8.68E+04	6.90E+04	.80	1.93E+06	5.62E+05	.29	
37	25	CABARRUS	NC	5.30E+04	7.30E+04	1.39	2.02E+04	2.00E+03	.12	1.78E+05	8.80E+04	.50	1.28E+07	3.17E+06	.25	
37	27	CALDWELL	NC	4.00E+04	6.40E+04	1.57	9.50E+04	4.00E+04	.42	8.17E+05	6.40E+05	.78	2.34E+06	7.29E+05	.31	
37	29	CAMDEN	NC							5.09E+06	9.50E+06	1.87	1.55E+07	6.23E+06	.40	
37	31	CARTERET	NC	5.46E+05	8.58E+05	1.57	1.21E+04	1.90E+04	1.60	2.64E+06	5.40E+06	2.05	2.84E+06	9.57E+05	.34	
37	33	CASWELL	NC				1.29E+05	9.60E+04	.74	5.32E+05	3.77E+05	.71	8.43E+06	2.16E+06	.26	
37	35	CATAWBA	NC	8.00E+03	1.10E+04	1.39	1.27E+05	1.14E+05	.90	5.38E+05	8.32E+05	1.55	1.43E+07	3.59E+06	.25	
37	37	CHATHAM	NC				1.12E+04	8.00E+03	.74	1.85E+05	2.26E+05	1.22	7.61E+06	2.34E+06	.31	
37	39	CHEROKEE	NC	6.90E+04	1.08E+05	1.57				3.68E+05	2.49E+05	.68	8.18E+05	3.69E+05	.45	
37	41	CHOWAN	NC	1.62E+05	2.54E+05	1.57	1.02E+06	5.97E+05	.58	2.69E+07	1.13E+07	.42	8.69E+06	3.50E+06	.40	
37	43	CLAY	NC				3.24E+04	5.20E+04	1.60	6.47E+04	9.70E+04	1.50	4.82E+05	2.15E+05	.45	
37	45	CLEVELAND	NC	4.00E+03	1.10E+04	2.71	2.67E+06	2.45E+06	.92	3.86E+05	2.12E+05	.55	1.62E+07	3.47E+06	.21	
37	47	COLUMBUS	NC	2.87E+05	4.50E+05	1.56	7.85E+05	3.82E+05	.49	1.34E+07	1.20E+07	.90	2.16E+07	8.00E+06	.37	
37	49	CRAVEN	NC	5.38E+05	8.45E+05	1.57	3.72E+05	2.27E+05	.61	5.22E+05	8.50E+05	1.63	1.31E+07	4.03E+06	.31	
37	51	CUMBERLAND	NC	1.66E+05	2.56E+05	1.37	7.68E+05	4.98E+05	.65	9.15E+06	8.88E+06	.97	2.12E+07	5.20E+06	.25	
37	53	CURRITUCK	NC				1.11E+06	9.69E+05	.87	2.64E+06	4.86E+06	1.84	2.06E+07	7.35E+06	.36	
37	55	DARE	NC													
37	57	DAVIDSON	NC	1.42E+05	1.95E+05	1.38	1.01E+05	1.11E+05	1.09	7.44E+05	6.27E+05	.82	1.37E+07	3.70E+06	.27	
37	59	DAVIE	NC				1.21E+04	1.50E+04	1.20	1.62E+05	1.75E+05	1.08	7.74E+06	2.34E+06	.30	
37	61	DUPLIN	NC	6.31E+05	8.83E+05	1.40	4.64E+06	2.30E+06	.50	1.24E+06	9.36E+05	.75	3.39E+07	1.20E+07	.35	
37	63	DURHAM	NC				8.50E+04	8.50E+04	1.00	2.22E+05	1.69E+05	.76	4.57E+06	1.23E+06	.27	
37	65	EDGECOMBE	NC	9.30E+04	1.31E+05	1.41	1.08E+06	6.62E+05	.62	4.91E+07	9.59E+06	.20	2.91E+07	1.08E+07	.37	
37	67	FORSYTH	NC				6.47E+04	4.10E+04	.64	3.74E+05	2.33E+05	.62	4.79E+06	1.18E+06	.25	
37	69	FRANKLIN	NC				4.29E+05	2.52E+05	.59	1.04E+06	1.01E+06	.98	2.07E+07	4.76E+06	.23	
37	71	GASTON	NC				1.13E+05	1.81E+05	1.60	2.84E+05	2.15E+05	.76	9.52E+06	1.35E+06	.24	
37	73	GATES	NC							2.48E+07	5.38E+06	.22	1.10E+07	4.13E+06	.37	
37	75	GRAHAM	NC							1.94E+05	1.43E+05	.74	8.06E+04	3.60E+04	.45	
37	77	GRANVILLE	NC				1.12E+05	1.32E+05	1.18	7.20E+05	7.41E+05	1.03	9.67E+06	2.31E+06	.24	
37	79	GREENE	NC				8.98E+05	5.48E+05	.61	1.10E+06	5.37E+05	.49	1.73E+07	8.09E+06	.47	
37	81	GUILFORD	NC	9.70E+04	1.29E+05	1.33	5.29E+05	4.00E+05	.76	1.19E+06	7.48E+05	.63	1.38E+07	3.66E+06	.27	
37	83	HALIFAX	NC				9.39E+05	5.73E+05	.61	8.01E+07	1.72E+07	.22	2.14E+07	6.63E+06	.31	

APPENDIX B (CONTINUED)

'S	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	PROD. KG
37	85	HARNETT	NC	9.70E+04	1.50E+05	1.55	1.04E+06	7.03E+05	.68	3.75E+06	5.10E+06	1.36	2.07E+07	4.95E+06	.24	
37	87	HAYWOOD	NC				3.07E+06	4.99E+06	1.62	6.64E+05	4.46E+05	.67	1.47E+05	5.45E+04	.37	6.30E+02
37	89	HENDERSON	NC	1.02E+06	1.60E+06	1.57	3.47E+07	4.99E+07	1.44	9.19E+05	1.29E+06	1.41	1.99E+06	1.08E+06	.54	3.44E+03
37	91	HERTFORD	NC							4.60E+07	1.04E+07	.23	1.02E+07	4.01E+06	.39	
37	93	HOKE	NC							2.51E+05	1.09E+05	.43	1.15E+07	1.70E+06	.16	
37	95	HYDE	NC	4.61E+05	7.24E+05	1.57	1.78E+06	1.09E+06	.61	4.37E+05	9.97E+05	2.28	2.12E+07	8.07E+06	.38	
37	97	IREDELL	NC				1.21E+04	1.10E+04	.94	3.10E+05	2.33E+05	.75	1.60E+07	4.15E+06	.26	
37	99	JACKSON	NC	7.37E+05	1.16E+06	1.57	1.21E+04	1.90E+04	1.60	1.74E+05	2.23E+05	1.28	6.66E+04	2.63E+04	.40	
37	101	JOHNSTON	NC	6.64E+05	9.50E+05	1.43	2.36E+06	1.48E+06	.63	3.26E+07	4.41E+07	1.35	4.03E+07	1.26E+07	.31	
37	103	JONES	NC				3.55E+05	2.12E+05	.60	8.81E+04	9.10E+04	1.04	1.18E+07	4.02E+06	.34	
37	105	LEE	NC				9.31E+04	1.70E+04	.18	2.03E+05	1.43E+05	.71	3.38E+06	5.80E+05	.17	
37	107	LENOIR	NC				4.36E+05	2.70E+05	.62	1.76E+06	1.97E+06	1.12	2.54E+07	1.06E+07	.42	
37	109	LINCOLN	NC	1.54E+05	2.30E+05	1.49	2.32E+06	2.67E+06	1.15	4.64E+05	4.36E+05	.94	1.34E+07	3.10E+06	.23	
37	111	MC DOWELL	NC				5.80E+05	4.84E+05	.83	8.76E+05	6.03E+05	.69	7.60E+05	2.63E+05	.35	
37	113	MACON	NC	4.25E+05	6.67E+05	1.57	4.20E+05	2.21E+05	.53	3.56E+05	2.75E+05	.77	1.22E+05	6.22E+04	.51	
37	115	MADISON	NC				5.91E+05	8.81E+05	1.49	4.21E+05	4.37E+05	1.04	5.48E+05	2.15E+05	.39	9.21E+02
37	117	MARTIN	NC				2.51E+05	1.53E+05	.61	4.85E+07	1.01E+07	.21	1.60E+07	6.39E+06	.40	
37	119	MECKLENBURG	NC	4.00E+04	5.60E+04	1.39	1.34E+05	1.51E+05	1.13	4.17E+05	2.93E+05	.70	3.97E+06	9.64E+05	.24	
37	121	MITCHELL	NC				1.58E+06	1.56E+06	.99	2.10E+05	2.51E+05	1.19	5.11E+04	2.15E+04	.42	5.88E+02
37	123	MONTGOMERY	NC				1.79E+06	1.22E+06	.68	5.53E+05	4.33E+05	.78	4.28E+06	9.65E+05	.23	
37	125	MOORE	NC				6.90E+05	5.50E+05	.80	1.10E+06	8.99E+05	.81	7.67E+06	1.46E+06	.19	
37	127	NASH	NC	1.46E+05	2.03E+05	1.39	6.96E+06	4.19E+06	.60	1.21E+07	1.78E+07	1.47	2.44E+07	6.54E+06	.27	
37	129	NEW HANOVER	NC										1.53E+06	5.75E+05	.38	
37	131	NORTHAMPTON	NC				1.90E+05	1.48E+05	.78	3.32E+05	2.60E+05	.78	1.89E+07	5.71E+06	.30	
37	133	ONSLOW	NC	6.10E+04	9.50E+04	1.57	5.02E+05	3.58E+05	.71	1.50E+05	6.40E+04	.43	1.08E+07	3.85E+06	.34	
37	135	ORANGE	NC				2.83E+04	7.00E+03	.24	1.21E+05	7.40E+04	.61	1.21E+07	3.37E+06	.28	
37	137	PAMLICO	NC	7.65E+05	1.20E+06	1.57				9.31E+04	1.00E+05	1.07	6.28E+06	1.30E+06	.21	
37	139	PASQUOTANK	NC	8.11E+06	1.27E+07	1.57				9.63E+05	6.26E+05	.65	2.19E+07	8.75E+06	.40	
37	141	PENDER	NC	7.69E+05	1.44E+06	1.88	4.26E+06	1.44E+06	.34	2.75E+05	2.24E+05	.81	1.14E+07	4.10E+06	.36	3.90E+04
37	143	PERQUIMANS	NC	7.65E+05	1.09E+06	1.42	9.39E+05	1.02E+06	1.09	1.98E+06	1.46E+06	.74	1.84E+07	7.30E+06	.40	
37	145	PERSON	NC				8.01E+04	6.50E+04	.81	1.62E+05	1.03E+05	.63	1.33E+07	3.65E+06	.27	
37	147	PITT	NC	7.30E+04	1.01E+05	1.39	2.57E+06	1.56E+06	.61	9.68E+05	6.67E+05	.69	3.46E+07	1.27E+07	.37	
37	149	POLK	NC				1.26E+06	1.10E+06	.88	1.38E+05	1.08E+05	.78	9.79E+05	2.71E+05	.28	1.16E+04
37	151	RANDOLPH	NC				3.57E+04	2.20E+04	.63	2.23E+05	1.91E+05	.86	2.05E+07	5.74E+06	.28	
37	153	RICHMOND	NC	5.30E+04	8.30E+04	1.57	4.59E+06	2.36E+06	.52	1.69E+06	1.20E+06	.71	9.81E+06	1.41E+06	.14	
37	155	ROBESON	NC	1.38E+05	2.16E+05	1.57	4.34E+06	2.18E+06	.50	1.20E+06	7.88E+05	.66	4.62E+07	1.41E+07	.30	7.94E+04
37	157	ROCKINGHAM	NC				5.43E+05	2.87E+05	.53	4.86E+05	3.20E+05	.66	1.08E+07	2.86E+06	.27	
37	159	ROWAN	NC				5.75E+05	8.06E+05	1.40	2.35E+05	2.98E+05	1.27	2.22E+07	5.75E+06	.26	
37	161	RUTHERFORD	NC	2.80E+04	4.20E+04	1.50	6.40E+05	8.32E+05	1.30	8.42E+05	6.84E+05	.81	4.26E+06	1.03E+06	.24	
37	163	SAMPSON	NC	4.37E+05	6.34E+05	1.45	3.37E+07	1.99E+07	.59	1.95E+07	2.73E+07	1.40	3.64E+07	1.29E+07	.35	
37	165	SCOTLAND	NC				6.47E+04	1.04E+05	1.60	2.61E+06	1.77E+06	.68	1.07E+07	1.84E+06	.17	
37	167	STANLY	NC				1.46E+05	1.12E+05	.77				2.75E+07	6.96E+06	.25	4.84E+02
37	169	STOKES	NC	8.00E+03	1.20E+04	1.48	5.37E+05	2.25E+05	.42	2.75E+05	1.83E+05	.66	4.66E+06	1.25E+06	.27	1.41E+03
37	171	SURRY	NC	3.40E+05	5.34E+05	1.57	4.27E+05	3.47E+05	.86	1.44E+05	8.00E+04	.55	7.65E+06	2.77E+06	.36	3.13E+03
37	173	SWAIN	NC										7.09E+04	2.47E+04	.35	
37	175	TRANSYLVANIA	NC	2.02E+05	3.18E+05	1.57							7.21E+05	3.38E+05	.47	
37	177	TYRRELL	NC							2.91E+05	3.00E+05	1.03	6.99E+06	2.79E+06	.40	
37	179	UNION	NC	5.70E+04	7.90E+04	1.39	2.59E+05	2.40E+05	1.00	2.31E+05	2.08E+05	.90	3.44E+07	8.32E+06	.24	
37	181	VANCE	NC	1.20E+04	1.90E+04	1.57	2.91E+05	2.10E+05	.72	2.95E+05	2.60E+05	.88	7.78E+06	1.64E+06	.21	
37	183	WAKE	NC	2.39E+05	3.38E+05	1.41	3.55E+05	2.72E+05	.77	3.22E+06	4.07E+06	1.26	2.13E+07	4.92E+06	.23	
37	185	WARREN	NC				5.18E+05	2.80E+05	.54	3.64E+05	2.90E+05	.95	8.25E+06	1.86E+06	.22	
37	187	WASHINGTON	NC				7.69E+04	4.40E+04	.58	2.35E+05	1.51E+05	.65	2.41E+07	9.18E+06	.38	
37	189	WATAUGA	NC	5.10E+05	8.01E+05	1.57	5.55E+05	5.40E+04	.10				9.18E+04	3.17E+04	.35	
37	191	WAYNE	NC	1.62E+05	2.40E+05	1.48	2.34E+06	1.24E+06	.53	1.84E+06	2.22E+06	1.21	3.98E+07	1.63E+07	.42	
37	193	WILKES	NC				5.07E+06	7.39E+06	1.46	2.02E+04	1.10E+04	.55	2.93E+06	1.02E+06	.35	9.07E+03
37	195	WILSON	NC	4.90E+04	7.30E+04	1.49	6.99E+06	4.24E+06	.61	7.14E+06	1.06E+07	1.48	2.59E+07	1.01E+07	.39	

APPENDIX B (CONTINUED)

ST	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	PROD. KG
37	197	YADKIN	NC				1.13E+05	4.50E+04	.40	4.45E+04	1.80E+04	.41	1.64E+07	5.08E+06	.31	
37	199	YANCEY	NC	1.20E+04	1.90E+04	1.57	2.75E+05	2.39E+05	.87	6.88E+04	7.50E+04	1.09	1.97E+05	4.87E+04	.25	
38	0		ND	4.43E+05	1.24E+05	2.78	7.93E+05	1.39E+06	1.76	2.93E+09	1.26E+09	.43	1.61E+10	2.27E+09	.14	5.69E+06
38	1	ADAMS	ND							4.06E+06	4.14E+05	.10	1.75E+08	2.41E+07	.14	
38	3	BARNES	ND							1.63E+08	1.14E+07	.07	5.90E+08	8.67E+07	.15	9.60E+02
38	5	BENSON	ND							1.15E+07	6.46E+05	.06	4.41E+08	5.52E+07	.13	
38	7	BILLINGS	ND							1.21E+04	6.00E+03	.54	4.16E+07	4.67E+06	.11	
38	9	BOTTINEAU	ND							5.35E+06	5.91E+05	.11	5.48E+08	7.78E+07	.14	
38	11	BOWMAN	ND							1.21E+04	5.00E+03	.37	1.63E+08	2.57E+07	.16	
38	13	BURKE	ND							6.47E+04	1.37E+05	2.11	2.47E+08	4.04E+07	.16	
38	15	BURLEIGH	ND							1.30E+06	2.62E+06	2.01	2.22E+08	1.91E+07	.09	
38	17	CASS	ND							3.96E+08	4.68E+07	.12	7.32E+08	1.30E+08	.18	
38	19	CAVALIER	ND							1.82E+07	1.88E+06	.10	6.13E+08	8.32E+07	.14	
38	21	DICKEY	ND							2.07E+07	6.82E+06	.33	2.81E+08	4.06E+07	.14	1.54E+06
38	23	DIVIDE	ND							8.09E+01	8.00E+03	.98	3.12E+08	4.90E+07	.16	
38	25	DUNN	ND							9.63E+05	1.48E+05	.15	1.62E+08	1.95E+07	.12	
38	27	EDDY	ND							1.98E+07	1.02E+06	.05	1.31E+08	1.35E+07	.10	
38	29	EMMONS	ND							8.09E+03	6.00E+03	.79	2.29E+08	1.81E+07	.08	
38	31	FOSTER	ND							1.01E+08	4.99E+06	.05	1.93E+08	2.60E+07	.13	4.37E+05
38	33	GOLDEN VALLE	ND							1.20E+06	1.11E+06	.93	1.07E+08	1.90E+07	.18	
38	35	GRAND FORKS	ND							4.49E+08	2.84E+08	.63	5.44E+08	9.40E+07	.17	
38	37	GRANT	ND							1.40E+06	1.46E+05	.10	1.83E+08	1.92E+07	.10	
38	39	GRIGGS	ND							3.83E+07	2.55E+06	.07	2.31E+08	3.36E+07	.15	
38	41	HETTINGER	ND							3.79E+07	3.80E+06	.10	2.94E+08	4.66E+07	.16	
38	43	KIDDER	ND							2.02E+04	2.60E+04	1.29	1.52E+08	1.22E+07	.08	
38	45	LA MOURE	ND							5.80E+07	4.03E+06	.07	3.66E+08	4.76E+07	.13	
38	47	LOGAN	ND							4.05E+03	1.00E+03	.37	1.70E+08	1.50E+07	.09	
38	49	MC HENRY	ND							5.26E+04	6.70E+04	1.27	3.35E+08	3.50E+07	.10	
38	51	MC INTOSH	ND							4.05E+03	1.00E+03	.17	1.81E+08	1.47E+07	.08	
38	53	MC KENZIE	ND							3.98E+07	1.27E+07	.32	2.15E+08	2.88E+07	.13	
38	55	MC LEAN	ND							8.09E+03	1.40E+04	1.74	4.69E+08	5.21E+07	.11	
38	57	MERCER	ND							1.90E+06	1.61E+05	.08	1.17E+08	1.26E+07	.11	
38	59	MORTON	ND							2.55E+06	2.94E+05	.11	1.96E+08	1.94E+07	.10	1.15E+05
38	61	MOUNTRAIL	ND							6.47E+04	8.30E+04	1.29	3.50E+08	4.86E+07	.14	
38	63	NELSON	ND							1.70E+07	9.18E+05	.05	3.33E+08	4.35E+07	.13	
38	65	OLIVER	ND							8.09E+03	6.00E+03	.71	6.69E+07	7.17E+06	.11	
38	67	PEMBINA	ND							2.96E+08	2.57E+08	.87	4.28E+08	7.89E+07	.18	
38	69	PIERCE	ND							7.73E+05	5.00E+04	.06	2.57E+08	3.15E+07	.12	
38	71	RAMSEY	ND							1.26E+07	1.20E+06	.10	4.27E+08	5.30E+07	.12	
38	73	RANSOM	ND							5.02E+07	4.77E+06	.09	2.02E+08	3.27E+07	.16	
38	75	RENVILLE	ND				8.90E+04	3.41E+05	3.83				2.62E+08	3.92E+07	.15	
38	77	RICHLAND	ND				9.71E+04	3.10E+04	.32	2.77E+08	4.14E+07	.15	4.71E+08	9.07E+07	.19	7.66E+05
38	79	ROLETTE	ND							1.78E+05	4.06E+05	2.28	2.55E+08	3.25E+07	.13	
38	81	SARGENT	ND							2.70E+07	1.87E+06	.07	2.21E+08	3.49E+07	.16	
38	83	SHERIDAN	ND							3.21E+06	2.61E+05	.08	1.78E+08	2.08E+07	.12	
38	85	SIOUX	ND							4.05E+03	2.00E+03	.48	5.73E+07	5.06E+06	.09	
38	87	SLOPE	ND							3.78E+06	3.88E+05	.10	1.36E+08	2.37E+07	.17	
38	89	STARK	ND							1.93E+06	2.52E+05	.13	2.15E+08	3.21E+07	.15	3.64E+05
38	91	STEELE	ND							1.05E+08	8.71E+06	.08	3.20E+08	5.75E+07	.18	
38	93	STUTSMAN	ND							3.66E+07	3.18E+06	.09	5.79E+08	7.56E+07	.13	
38	95	TOWNER	ND							1.89E+07	1.36E+07	.72	4.03E+08	5.29E+07	.13	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
38	97	TRAILL	ND							2.55E+08	9.95E+07	.39	3.57E+08	6.57E+07	.18	
38	99	WALSH	ND							3.81E+08	4.25E+08	1.11	5.16E+08	9.15E+07	.18	
38	101	WARD	ND				4.05E+03	4.00E+03	1.10	6.07E+04	6.80E+04	1.12	5.30E+08	7.48E+07	.14	
38	103	WELLS	ND							9.94E+06	5.74E+05	.06	4.33E+08	5.39E+07	.12	
38	105	WILLIAMS	ND							1.82E+07	5.50E+06	.30	4.24E+08	5.75E+07	.14	
39	0		OH	2.49E+07	5.58E+07	2.25	2.16E+08	5.57E+08	2.58	3.29E+08	3.01E+08	.91	3.72E+09	1.19E+09	.32	7.92E+05
39	1	ADAMS	OH				3.52E+04	1.90E+04	.55	9.71E+04	6.90E+04	.71	1.68E+07	4.36E+06	.29	
39	3	ALLEN	OH				9.79E+05	2.21E+06	2.26	2.49E+06	9.99E+05	.40	7.17E+07	2.03E+07	.28	
39	5	ASHLAND	OH				5.02E+05	4.87E+05	.97	5.67E+05	1.09E+06	1.92	3.41E+07	1.09E+07	.32	1.43E+03
39	7	ASHTABULA	OH	5.30E+04	1.59E+05	3.03	8.70E+06	8.60E+06	.99	1.36E+06	2.48E+06	1.83	1.78E+07	5.42E+06	.30	1.94E+04
39	9	ATHENS	OH				1.43E+05	1.43E+05	1.00	1.49E+06	2.46E+05	.17	1.83E+06	5.94E+05	.32	
39	11	AUGLAIZE	OH				1.65E+06	7.26E+06	4.40	1.62E+05	1.44E+05	.89	6.90E+07	1.99E+07	.29	
39	13	BELMONT	OH				2.20E+06	1.34E+06	.61	1.78E+05	1.68E+05	.94	3.74E+06	1.37E+06	.37	
39	15	BROWN	OH				1.78E+05	8.90E+04	.50	1.82E+05	1.88E+05	1.03	2.57E+07	7.16E+06	.28	
39	17	BUTLER	OH	2.40E+04	4.60E+04	2.72	4.44E+05	4.95E+05	1.12	6.92E+05	6.90E+05	1.00	3.72E+07	1.21E+07	.33	1.76E+03
39	19	CARROLL	OH				6.17E+05	5.03E+05	.81	1.29E+05	2.01E+05	1.55	9.26E+06	3.32E+06	.36	5.82E+02
39	21	CHAMPAIGN	OH							3.43E+06	8.78E+06	2.56	6.66E+07	2.42E+07	.36	
39	23	CLARK	OH	8.00E+03	2.50E+04	3.03	3.91E+05	4.43E+05	1.13	5.91E+05	5.92E+05	1.00	5.56E+07	2.17E+07	.39	3.80E+04
39	25	CLERMONT	OH	3.60E+04	1.10E+05	3.03	4.65E+05	6.17E+05	1.33	4.73E+05	4.95E+05	1.04	1.32E+07	3.05E+06	.23	
39	27	CLINTON	OH							2.03E+04	1.80E+04	.88	6.57E+07	2.49E+07	.38	
39	29	COLUMBIANA	OH				5.54E+06	4.40E+06	.79	8.05E+06	1.69E+07	2.10	1.92E+07	6.89E+06	.36	
39	31	COSHOCTON	OH				8.94E+05	7.21E+05	.81	2.10E+05	3.61E+05	1.72	1.89E+07	8.24E+06	.43	3.56E+02
39	33	CRAWFORD	OH				1.62E+04	6.30E+04	3.88	7.77E+05	3.74E+05	.48	7.66E+07	2.39E+07	.31	
39	35	CUYAHOGA	OH	1.09E+06	1.99E+06	1.83	6.60E+05	1.43E+06	2.16	1.59E+06	1.45E+06	.91	1.05E+06	2.83E+05	.27	
39	37	DARKE	OH				5.77E+06	2.47E+07	4.29	2.17E+06	4.11E+06	1.89	1.11E+08	3.88E+07	.35	
39	39	DEFIANCE	OH				1.10E+06	3.25E+06	2.95	2.33E+06	2.67E+06	1.15	7.51E+07	1.79E+07	.24	
39	41	DELAWARE	OH	4.00E+03	1.20E+04	3.03	6.16E+05	1.26E+06	2.05	5.05E+06	1.25E+06	.25	5.29E+07	1.61E+07	.30	
39	43	ERIE	OH	7.65E+05	2.32E+06	3.03	4.99E+06	9.14E+06	1.83	1.07E+07	7.37E+06	.69	3.13E+07	1.08E+07	.35	1.03E+05
39	45	FAIRFIELD	OH				2.69E+06	2.23E+06	.83	6.64E+06	2.20E+06	.33	5.14E+07	1.83E+07	.36	2.25E+03
39	47	FAYETTE	OH							6.47E+04	5.70E+04	.88	7.52E+07	2.65E+07	.35	
39	49	FRANKLIN	OH	1.20E+04	3.70E+04	3.03	5.79E+05	6.18E+05	1.07	3.09E+06	2.99E+06	.97	3.96E+07	1.26E+07	.32	
39	51	FULTON	OH				9.29E+06	3.55E+07	3.82	5.60E+06	9.75E+06	1.74	7.85E+07	2.86E+07	.36	4.22E+04
39	53	GALLIA	OH				1.09E+05	9.30E+04	.85	6.92E+05	4.89E+05	.71	2.97E+06	1.06E+06	.36	
39	55	GEAUGA	OH	8.00E+03	2.50E+04	3.03	1.08E+06	1.06E+06	.98	9.87E+05	9.90E+05	1.00	5.03E+06	1.61E+06	.32	7.67E+02
39	57	GREENE	OH				1.67E+05	2.05E+05	1.23	1.50E+05	1.32E+05	.88	5.14E+07	2.01E+07	.39	
39	59	GUERNSEY	OH				1.59E+06	1.34E+06	.84	2.43E+05	2.17E+05	.89	3.37E+06	1.17E+06	.35	
39	61	HAMILTON	OH	1.54E+05	3.05E+05	1.98	6.85E+05	8.93E+05	1.30	2.80E+06	2.68E+06	.96	5.99E+06	1.87E+06	.31	4.06E+03
39	63	HANCOCK	OH				4.89E+06	1.85E+07	3.78	1.71E+07	1.04E+07	.61	1.13E+08	3.40E+07	.30	
39	65	HARDIN	OH				1.62E+04	1.00E+03	.09	3.34E+06	2.96E+06	.89	9.04E+07	2.67E+07	.30	3.85E+04
39	67	HARRISON	OH							4.05E+04	3.60E+04	.88	3.24E+06	1.09E+06	.34	
39	69	HENRY	OH				1.40E+07	5.88E+07	4.20	1.34E+07	1.24E+07	.93	9.57E+07	3.13E+07	.33	
39	71	HIGHLAND	OH				4.37E+05	4.55E+05	1.04	1.38E+05	9.10E+04	.66	5.35E+07	1.59E+07	.30	9.26E+02
39	73	HOCKING	OH				8.08E+05	4.86E+05	.60	4.05E+03	3.00E+03	.71	3.69E+06	1.27E+06	.34	
39	75	HOLMES	OH				8.56E+05	1.20E+06	1.41	2.47E+05	1.78E+05	.72	2.41E+07	8.36E+06	.34	4.06E+03
39	77	HURON	OH	5.09E+06	1.17E+07	2.30	1.73E+06	2.18E+06	1.26	1.70E+07	2.32E+07	1.37	7.83E+07	2.37E+07	.30	6.42E+03
39	79	JACKSON	OH				3.63E+06	3.30E+06	.91	9.50E+04	1.33E+05	1.56	3.73E+06	1.27E+06	.34	
39	81	JEFFERSON	OH				1.95E+05	4.55E+05	2.33	1.29E+05	1.18E+05	.91	2.53E+06	8.87E+05	.35	
39	83	KNOX	OH				1.17E+06	1.07E+06	.92	1.36E+06	4.70E+05	.35	7.91E+07	1.26E+07	.32	1.03E+03
39	85	LAKE	OH	2.40E+04	7.40E+04	3.03	4.17E+06	4.01E+06	.96	1.16E+06	1.22E+06	1.05	2.03E+06	5.96E+05	.29	
39	87	LAWRENCE	OH	3.60E+04	1.10E+05	3.03	2.46E+05	4.87E+05	1.98	2.23E+05	1.94E+05	.87	1.31E+06	5.92E+05	.37	
39	89	LICKING	OH	8.00E+03	2.50E+04	3.03	2.01E+06	2.29E+06	1.14	1.63E+06	2.08E+06	1.28	4.75E+07	1.54E+07	.32	1.74E+03

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
39	91	LOGAN	OH				1.09E+06	1.20E+06	1.11	8.13E+05	3.17E+05	.39	6.16E+07	1.82E+07	.29	6.84E+04
39	93	LORAIN	OH	6.07E+05	1.20E+06	1.98	5.17E+06	6.64E+06	1.28	3.77E+06	5.02E+06	1.33	3.64E+07	1.01E+07	.28	2.06E+03
39	95	LUCAS	OH	1.34E+06	4.06E+06	3.03	6.95E+06	2.03E+07	2.92	1.75E+07	2.08E+07	1.19	3.41E+07	1.17E+07	.34	
39	97	MADISON	OH							4.97E+06	1.10E+06	.22	8.54E+07	3.05E+07	.36	7.58E+04
39	99	MAHONING	OH	3.80E+05	1.08E+06	2.84	3.79E+06	5.12E+06	1.35	2.21E+06	3.07E+06	1.39	1.45E+07	4.66E+06	.32	7.56E+02
39	101	MARION	OH							2.97E+06	7.79E+05	.26	7.44E+07	2.41E+07	.32	
39	103	MEDINA	OH	4.50E+04	1.35E+05	3.03	9.09E+05	9.41E+05	1.03	1.43E+06	3.66E+06	2.56	2.25E+07	6.78E+06	.30	1.17E+03
39	105	MEIGS	OH	1.30E+06	3.94E+06	3.03	3.11E+06	1.01E+07	3.24	7.16E+05	6.62E+05	.92	2.92E+06	1.04E+06	.36	
39	107	MERCER	OH				4.40E+06	1.47E+07	3.34	3.46E+06	7.28E+05	.21	8.60E+07	2.56E+07	.30	
39	109	MIAMI	OH				1.01E+06	2.23E+06	2.21	3.57E+06	3.86E+06	1.08	6.53E+07	2.33E+07	.36	1.15E+03
39	111	MONROE	OH				1.21E+04	2.00E+03	.16	1.58E+05	1.87E+05	1.19	2.12E+06	6.99E+05	.33	
39	113	MONTGOMERY	OH	8.10E+04	2.45E+05	3.03	2.08E+06	2.84E+06	1.37	1.29E+06	1.25E+06	.97	3.88E+07	1.32E+07	.34	1.68E+03
39	115	MORGAN	OH				3.30E+05	2.92E+05	.89	1.58E+05	2.18E+05	1.36	3.63E+06	1.32E+06	.36	
39	117	MORROW	OH							2.23E+06	2.23E+06	1.00	4.31E+07	1.27E+07	.29	
39	119	MUSKINGUM	OH	2.40E+04	7.40E+04	3.03	1.06E+06	5.50E+05	.52	8.17E+05	1.82E+06	2.23	1.25E+07	5.18E+06	.41	
39	121	NOBLE	OH							7.28E+04	7.80E+04	1.07	1.33E+06	5.10E+05	.38	
39	123	OTTAWA	OH	6.10E+04	1.84E+05	3.03	1.17E+07	3.28E+07	2.81	1.29E+07	5.74E+06	.45	4.01E+07	1.06E+07	.26	
39	125	PAULDING	OH										8.56E+07	2.42E+07	.28	
39	127	PERRY	OH							2.43E+04	2.10E+04	.85	1.11E+07	3.77E+06	.34	
39	129	PICKAWAY	OH				1.14E+05	1.27E+05	1.12	1.28E+06	1.46E+06	1.14	9.14E+07	3.23E+07	.35	
39	131	PIKE	OH							2.43E+04	3.90E+04	1.60	1.04E+07	2.77E+06	.27	
39	133	PORTAGE	OH	2.63E+05	7.77E+05	2.95	1.06E+06	1.61E+06	1.51	1.03E+07	2.14E+07	2.07	1.67E+07	5.40E+06	.32	3.40E+04
39	135	PREBLE	OH				4.48E+04	6.80E+04	1.52	7.65E+05	9.30E+04	.12	6.49E+07	2.5JE+07	.40	1.88E+04
39	137	PUTNAM	OH				1.44E+07	5.80E+07	4.14	2.97E+07	1.31E+07	.44	1.03E+08	2.92E+07	.28	3.95E+04
39	139	RICHLAND	OH				1.21E+06	1.47E+06	1.21	2.23E+06	4.44E+06	1.99	4.07E+07	1.18E+07	.29	1.57E+03
39	141	ROSS	OH				9.33E+05	7.72E+05	.83	3.92E+05	3.46E+05	.98	5.77E+07	1.80E+07	.31	
39	143	SANDUSKY	OH	1.72E+06	5.22E+06	3.03	2.23E+07	7.36E+07	3.30	3.76E+07	2.30E+07	.61	6.96E+07	2.30E+07	.33	
39	145	SCIOTO	OH	1.26E+06	1.92E+06	1.52	4.31E+05	6.61E+05	1.53	2.42E+06	2.09E+06	.86	9.10E+06	2.90E+06	.32	
39	147	SENECA	OH	1.24E+06	3.76E+06	3.03	6.36E+06	2.43E+07	3.82	1.19E+07	5.55E+06	.47	1.08E+08	3.25E+07	.30	
39	149	SHELBY	OH										6.90E+07	2.12E+07	.31	1.82E+04
39	151	STARK	OH	4.88E+06	7.29E+06	1.49	2.77E+06	3.99E+06	1.44	3.78E+06	5.10E+06	1.35	3.04E+07	1.07E+07	.35	5.41E+02
39	153	SUMMIT	OH	7.89E+05	1.07E+06	1.36	9.97E+05	1.36E+06	1.36	1.25E+06	1.81E+06	1.45	3.89E+06	1.13E+06	.29	
39	155	TRUMBULL	OH	8.10E+04	2.45E+05	3.03	1.74E+06	2.02E+06	1.16	7.69E+05	1.24E+06	1.61	1.59E+07	5.21E+06	.33	
39	157	TUSCARAWAS	OH				8.16E+05	5.80E+05	.71	9.27E+05	1.84E+06	1.98	1.67E+07	6.23E+06	.37	1.02E+03
39	159	UNION	OH							4.05E+03	5.00E+03	1.35	6.39E+07	2.14E+07	.31	3.66E+04
39	161	VAN WERT	OH				5.43E+05	2.11E+06	3.88	5.04E+06	1.56E+06	.31	9.11E+07	2.85E+07	.31	
39	163	VINTON	OH				1.25E+05	6.10E+04	.49	8.09E+03	5.00E+03	.63	2.07E+06	7.52E+05	.36	
39	165	WARREN	OH				9.01E+05	7.22E+05	.80	6.35E+05	7.12E+05	1.12	3.24E+07	9.72E+06	.30	
39	167	WASHINGTON	OH	2.39E+05	7.23E+05	3.03	2.54E+06	3.82E+06	1.50	1.82E+06	2.37E+06	1.30	7.12E+06	2.64E+06	.37	1.84E+03
39	169	WAYNE	OH				1.51E+06	1.96E+06	1.30	6.98E+06	1.89E+07	2.71	5.49E+07	1.98E+07	.36	1.05E+03
39	171	WILLIAMS	OH				1.89E+06	8.11E+06	4.28	1.01E+05	1.06E+05	1.04	7.27E+07	1.89E+07	.26	2.31E+03
39	173	WOOD	OH	6.19E+05	1.88E+06	3.03	1.23E+07	4.74E+07	3.87	1.38E+07	4.54E+06	.33	1.33E+08	4.14E+07	.31	5.87E+04
39	175	WYANDOT	OH				1.08E+06	3.69E+06	3.41	1.55E+06	2.48E+05	.16	8.25E+07	2.37E+07	.29	1.40E+03
40	0		OK	1.13E+07	1.24E+07	1.11	2.00E+07	1.28E+07	.64	4.98E+08	1.06E+08	.21	7.27E+09	1.06E+09	.15	4.06E+05
40	1	ADAIR	OK				3.69E+06	2.14E+06	.58	1.53E+05	1.80E+05	1.18	4.56E+05	5.50E+04	.12	
40	3	ALFALFA	OK							1.62E+04	1.50E+04	.93	3.33E+08	5.93E+07	.18	6.57E+04
40	5	ATOKA	OK							1.73E+07	2.36E+06	.14	3.11E+05	1.46E+04	.05	
40	7	BEAVER	OK										3.21E+08	2.47E+07	.08	
40	9	BECKHAM	OK							1.47E+06	3.05E+05	.21	9.69E+07	1.14E+07	.12	
40	11	BLAINE	OK							4.63E+05	8.90E+04	.19	2.54E+08	4.10E+07	.16	
40	13	BRYAN	OK				1.21E+04	2.00E+04	1.67	4.63E+07	6.23E+06	.13	7.32E+06	9.65E+05	.13	4.72E+03

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
40	15	CADDO	OK				1.21E+04	5.00E+04	4.10	1.01E+08	3.21E+07	.32	2.06E+08	3.67E+07	.18	
40	17	CANADIAN	OK							1.44E+06	3.14E+05	.22	2.24E+08	3.52E+07	.16	
40	19	CARTER	OK							6.84E+06	3.53E+05	.05	5.27E+06	8.08E+05	.15	
40	21	CHEROKEE	OK							2.83E+04	3.30E+04	1.17	2.15E+05	2.85E+04	.13	
40	23	CHOCTAW	OK							3.69E+06	2.70E+05	.07	8.70E+05	1.33E+05	.15	
40	25	CIMARRON	OK										1.57E+08	1.39E+07	.09	
40	27	CLEVELAND	OK				8.09E+03	2.10E+04	2.60	2.33E+05	7.30E+04	.31	1.35E+07	2.00E+06	.15	8.95E+03
40	29	COAL	OK							1.03E+06	5.33E+05	.52	5.58E+05	9.43E+04	.17	
40	31	COMANCHE	OK							5.32E+06	1.03E+06	.19	7.91E+07	1.19E+07	.15	
40	33	COTTON	OK							6.44E+05			1.74E+08	2.80E+07	.16	
40	35	CRAIG	OK							4.84E+05	3.00E+03	.01	1.65E+07	2.06E+06	.13	
40	37	CREEK	OK							4.17E+06	1.95E+05	.05	3.75E+06	4.42E+05	.12	1.00E+03
40	39	CUSTER	OK							1.48E+06	7.86E+05	.53	2.72E+08	4.35E+07	.16	1.25E+04
40	41	DELAWARE	OK				1.94E+06	1.58E+06	.82	4.86E+04	8.00E+04	1.64	7.12E+06	1.03E+06	.14	5.80E+02
40	43	DEWEY	OK							4.05E+04	3.80E+04	.95	1.56E+08	2.24E+07	.14	
40	45	ELLIS	OK							2.86E+04	2.70E+04	.97	1.46E+08	1.40E+07	.10	
40	47	GARFIELD	OK							7.37E+05	1.47E+05	.20	4.37E+08	6.84E+07	.16	
40	49	GARVIN	OK				8.09E+03	3.30E+04	4.10	6.45E+06	1.26E+06	.19	2.62E+07	3.49E+06	.13	1.08E+04
40	51	GRADY	OK				3.97E+05	1.06E+06	2.67	1.22E+07	3.65E+06	.30	1.04E+08	1.63E+07	.16	2.60E+04
40	53	GRANT	OK							1.32E+06	2.63E+05	.20	4.25E+08	6.92E+07	.16	
40	55	GREER	OK							1.84E+06	3.65E+05	.20	1.00E+08	1.04E+07	.10	
40	57	HARMON	OK							2.43E+05	2.10E+04	.09	8.29E+07	6.88E+06	.08	
40	59	HARPER	OK										1.79E+08	2.24E+07	.13	
40	61	HASKELL	OK				4.05E+03		.05	5.95E+04	1.30E+04	.21	2.28E+06	3.87E+05	.17	
40	63	HUGHES	OK				1.62E+04	3.80E+04	2.35	3.82E+07	6.61E+06	.17	2.91E+06	4.64E+05	.16	
40	65	JACKSON	OK							2.12E+06	2.45E+05	.12	2.03E+08	2.15E+07	.11	
40	67	JEFFERSON	OK							1.84E+07	1.04E+07	.57	2.36E+07	3.53E+06	.15	
40	69	JOHNSTON	OK							1.23E+07	1.71E+06	.14	1.56E+06	3.90E+05	.25	1.15E+03
40	71	KAY	OK				7.86E+04	1.00E+03	.01	1.92E+06	4.42E+05	.23	2.91E+08	5.76E+07	.20	
40	73	KINGFISHER	OK							1.44E+07	2.20E+06	.15	3.10E+08	4.30E+07	.14	
40	75	KIOWA	OK							7.34E+05	9.40E+04	.13	2.85E+08	3.60E+07	.13	
40	77	LATIMER	OK							1.04E+04	2.00E+03	.20	1.23E+06	3.21E+05	.26	
40	79	LE FLORE	OK	3.44E+06	3.50E+06	1.02	1.05E+05	4.03E+05	3.83	3.41E+06	9.37E+05	.27	8.31E+06	1.40E+06	.17	
40	81	LINCOLN	OK							5.17E+06	5.60E+05	.11	1.85E+07	2.85E+06	.15	4.34E+03
40	83	LOGAN	OK				4.14E+03			2.72E+06	5.96E+05	.22	1.00E+08	1.51E+07	.15	
40	85	LOVE	OK							1.86E+07	3.34E+06	.18	3.50E+06	3.78E+05	.11	
40	87	MC CLAIN	OK				1.21E+04	5.00E+04	4.10	3.28E+06	8.50E+05	.26	2.50E+07	3.72E+06	.15	8.36E+03
40	89	MC CURTAIN	OK							5.24E+05	1.01E+05	.19	4.64E+06	7.20E+05	.16	
40	91	MC INTOSH	OK							6.35E+06	2.96E+06	.47	3.73E+06	5.25E+05	.14	
40	93	MAJOR	OK				1.21E+04	3.80E+04	3.10	2.48E+06	4.24E+05	.17	2.03E+08	3.14E+07	.16	
40	95	MARSHALL	OK							1.08E+07	3.24E+06	.30	1.30E+06	2.24E+05	.17	
40	97	MAYES	OK							4.49E+05	8.10E+04	.18	9.16E+06	1.31E+06	.14	
40	99	MURRAY	OK										3.85E+06	5.44E+05	.14	
40	101	MUSKOGEE	OK				2.06E+05	4.30E+04	.21	2.30E+06	6.45E+05	.28	1.74E+07	2.70E+06	.16	
40	103	NOBLE	OK							2.02E+04	1.20E+04	.60	1.77E+08	2.96E+07	.17	
40	105	NOWATA	OK							1.86E+05	2.62E+05	1.41	1.14E+07	1.50E+06	.13	
40	107	OKFUSKEE	OK							1.48E+07	1.07E+06	.07	5.67E+06	8.29E+05	.15	
40	109	OKLAHOMA	OK							1.54E+06	3.53E+05	.23	3.69E+07	5.46E+06	.15	
40	111	OKMULGEE	OK				3.64E+04	1.49E+05	4.10	2.04E+07	1.09E+06	.05	4.34E+06	5.28E+05	.12	
40	113	OSAGE	OK							1.85E+04	6.00E+03	.31	3.79E+07	6.43E+06	.17	
40	115	OTTAWA	OK				1.44E+06	6.46E+05	.45	3.77E+06	4.21E+05	.11	2.69E+07	4.14E+06	.15	
40	117	PAWNEE	OK										3.84E+07	6.93E+06	.18	
40	119	PAYNE	OK							1.54E+06	3.70E+05	.24	3.78E+07	6.69E+06	.18	
40	121	PITTSBURG	OK							7.80E+06	1.06E+06	.14	2.30E+06	3.32E+05	.14	1.50E+03
40	123	PONTOTOC	OK							1.73E+06	3.20E+05	.18	1.40E+06	1.43E+05	.10	
40	125	POTTAWATOMIE	OK				4.05E+03	1.70E+04	4.10	1.14E+07	1.97E+06	.17	1.57E+07	2.53E+06	.16	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ----			----- EXPOSED PRODUCE ----			-- - PROTECTED PRODUCE ---			----- GRAIN FOR FOOD -----			HONEY PROD.
				AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	AREA M**2	PRODUC-TION KG	PRODUC-TIVITY KG/M**2	KG
40	127	PUSHMATAHA	OK							9.80E+05	8.70E+04	.09	2.50E+03	1.40E+03	.56	
40	129	ROGER MILLS	OK							4.05E+03	7.00E+03	1.76	8.10E+07	1.30E+07	.12	
40	131	ROGERS	OK										1.31E+07	1.97E+06	.15	
40	133	SEMINOLE	OK				8.50E+04	2.88E+05	3.39	8.35E+06	7.34E+05	.09	2.91E+06	3.50E+05	.12	2.95E+03
40	135	SEQUOYAH	OK	3.63E+06	3.70E+06	1.02	4.68E+05	3.10E+05	.66	2.57E+06	1.04E+06	.41	4.71E+06	7.39E+05	.16	
40	137	STEPHENS	OK							7.40E+06	1.25E+06	.17	4.46E+07	6.53E+06	.15	
40	139	TEXAS	OK										3.68E+08	4.78E+07	.13	
40	141	TILLMAN	OK							3.80E+05	4.00E+03	.01	2.69E+06	4.55E+07	.17	
40	143	TULSA	OK	9.51E+05	1.97E+06	2.07	1.66E+06	2.68E+06	1.61	7.67E+06	3.16E+06	.41	1.02E+07	1.55E+06	.15	
40	145	WAGONER	OK	9.79E+05	9.99E+05	1.02				1.54E+06	1.10E+05	.07	2.34E+07	3.63E+06	.16	
40	147	WASHINGTON	OK							4.76E+06	2.40E+04	.01	9.59E+06	1.62E+06	.17	
40	149	WASHITA	OK							2.73E+06	7.32E+05	.27	2.68E+08	3.75E+07	.14	
40	151	WOODS	OK							1.09E+05	9.10E+04	.84	2.75E+08	4.12E+07	.15	
40	153	WOODWARD	OK										1.53E+08	2.00E+07	.13	
41	0		OR	2.23E+07	3.35E+07	1.50	1.32E+08	5.04E+08	1.17	7.80E+08	1.47E+09	1.89	1.83E+09	4.79E+08	.26	1.41E+06
41	1	BAKER	OR				4.86E+04	2.30E+04	.46				1.98E+07	5.50E+06	.28	6.38E+04
41	3	BENTON	OR				1.54E+07	1.61E+07	1.05	.0E+07	3.80E+07	1.81	1.73E+07	6.14E+06	.36	3.87E+04
41	5	CLACKAMAS	OR	4.16E+06	6.30E+06	1.52	2.08E+07	1.40E+07	.67	1.57E+07	2.17E+07	1.38	1.97E+07	6.88E+06	.35	7.67E+03
41	7	CLATSOP	OR				1.38E+05	9.50E+04	.69							
41	9	COLUMBIA	OR				6.84E+05	3.79E+05	.55	1.09E+06	2.35E+06	2.14	1.32E+06	4.30E+05	.32	
41	11	COOS	OR				3.02E+06	3.87E+06	1.28	2.02E+04	1.60E+04	.79	1.42E+05	1.15E+04	.08	8.40E+02
41	13	CROOK	OR							9.56E+06	3.52E+07	3.68	6.04E+06	2.16E+06	.36	9.21E+03
41	15	CURRY	OR				2.06E+05	2.1 E+05	1.02	3.64E+04	1.70E+04	.45				
41	17	DESCHUTES	OR							3.45E+06	1.28E+07	3.50	2.94E+06	1.38E+06	.47	
41	19	DOUGLAS	OR	8.50E+04	1.80E+05	2.12	6.48E+06	6.46E+06	1.00	4.62E+06	5.27E+06	1.14	2.79E+06	7.80E+05	.28	
41	21	GILLIAM	OR										1.83E+08	3.24E+07	.18	
41	23	GRANT	OR										2.73E+06	5.57E+05	.20	
41	25	HARNEY	OR							4.05E+03	3.00E+03	.67	1.76E+07	2.10E+06	.12	
41	27	HOOD RIVER	OR				4.70E+07	1.16E+08	2.46	8.09E+03	2.90E+04	3.53	3.09E+04	9.00E+03	.29	3.25E+03
41	29	JACKSON	OR				3.78E+07	7.18E+07	1.90	1.21E+06	2.29E+06	1.89	3.74E+06	7.97E+05	.21	2.81E+05
41	31	JEFFERSON	OR							9.48E+06	3.27E+07	3.45	3.90E+07	1.05E+07	.27	
41	33	JOSEPHINE	OR				2.09E+05	2.79E+05	1.34	4.05E+04	5.30E+04	1.31	1.89E+05	4.07E+04	.21	
41	35	KLAMATH	OR							4.56E+07	1.46E+08	3.21	8.14E+07	2.19E+07	.27	
41	37	LAKE	OR										2.16E+07	3.52E+06	.16	
41	39	LANE	OR	2.87E+05	6.78E+05	2.36	2.29E+07	2.47E+07	1.08	2.69E+07	4.54E+07	1.68	1.15E+07	4.36E+06	.38	3.99E+03
41	41	LINCOLN	OR							4.05E+03	3.00E+03	.81				
41	43	LINN	OR				1.91E+07	1.51E+07	.79	2.18E+07	3.66E+07	1.68	3.08E+07	1.16E+07	.38	
41	45	MALHEUR	OR				5.23E+05	1.16E+06	2.23	1.53E+08	3.89E+08	2.54	5.79E+07	1.98E+07	.34	8.05E+05
41	47	MARION	OR	7.86E+06	9.91E+06	1.26	1.07E+08	1.02E+08	.95	7.82E+07	1.44E+08	1.86	6.74E+07	2.60E+07	.39	3.56E+04
41	49	MORROW	OR				7.38E+04			4.73E+07	1.56E+08	3.29	2.35E+08	4.11E+07	.18	
41	51	MULTNOMAH	OR	5.61E+06	1.02E+07	1.76	7.95E+06	6.73E+06	.85	7.55E+06	1.53E+07	2.02	3.10E+06	8.66E+05	.28	5.50E+03
41	53	POLK	OR				2.97E+07	1.99E+07	.67	1.38E+07	2.01E+07	1.45	5.81E+07	2.00E+07	.34	1.09E+04
41	55	SHERMAN	OR										1.82E+08	3.62E+07	.20	
41	57	TILLAMOOK	OR													
41	59	UMATILLA	OR				1.68E+07	2.78E+07	1.66	2.12E+08	2.45E+08	1.16	4.02E+08	1.15E+08	.29	1.07E+05
41	61	UNION	OR				3.30E+06	1.60E+06	.48	1.30E+07	1.19E+07	.91	7.43E+07	2.42E+07	.32	
41	63	WALLOWA	OR							8.97E+06	2.83E+07	3.16	4.45E+07	1.06E+07	.24	
41	65	WASCO	OR				2.14E+07	1.62E+07	.76				1.07E+08	2.57E+07	.24	9.86E+03
41	67	WASHINGTON	OR	7.73E+05	8.82E+05	1.14	2.83E+07	2.60E+07	.92	2.83E+07	2.19E+07	.77	6.00E+07	2.21E+07	.37	8.65E+03
41	69	WHEELER	OR										8.98E+06	1.49E+06	.17	
41	71	YAMHILL	OR	1.02E+06	9.78E+05	.96	3.78E+07	3.16E+07	.84	4.17E+07	4.58E+07	1.03	6.56E+07	2.43E+07	.37	6.76E+03

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
42	0		PA	1.34E+07	3.21E+07	2.40	2.92E+08	4.22E+08	1.45	2.12E+08	3.51E+08	1.66	1.01E+09	3.62E+08	.36	5.29E+05
42	1	ADAMS	PA	2.31E+05	5.65E+05	2.45	7.05E+07	1.09E+08	1.55	4.83E+06	4.76E+06	.99	3.37E+07	1.03E+07	.31	
42	3	ALLEGHENY	PA	3.20E+05	6.15E+05	1.92	1.66E+06	2.38E+06	1.44	1.60E+06	1.71E+06	1.07	2.20E+06	7.98E+05	.36	
42	5	ARMSTRONG	PA				6.57E+05	4.67E+05	.71	8.94E+05	7.56E+05	.84	1.16E+07	3.77E+06	.32	
42	7	BEAVER	PA				9.95E+05	9.34E+05	.94	5.91E+05	6.15E+05	1.04	5.41E+06	1.89E+06	.35	
42	9	BEDFORD	PA				2.19E+06	3.51E+06	1.60	8.62E+05	9.48E+05	1.10	1.48E+07	5.41E+06	.37	
42	11	BERKS	PA	4.00E+04	1.00E+05	2.48	1.27E+07	1.45E+07	1.14	4.05E+06	5.43E+06	1.34	6.13E+07	2.29E+07	.37	3.42E+02
42	13	BLAIR	PA	1.17E+05	2.90E+05	2.47	2.98E+06	3.11E+06	1.04	1.20E+06	1.03E+06	.86	7.66E+06	2.96E+06	.39	
42	15	BRADFORD	PA	2.00E+04	5.00E+04	2.45	6.45E+05	5.11E+05	.79	6.84E+05	6.94E+05	1.01	9.84E+06	3.33E+06	.34	
42	17	BUCKS	PA	2.02E+05	4.96E+05	2.45	4.44E+06	1.12E+07	2.52	7.90E+06	9.33E+06	1.18	2.58E+07	8.68E+06	.34	2.32E+03
42	19	BUTLER	PA	3.20E+04	6.80E+04	2.10	2.04E+06	3.44E+06	1.78	3.90E+06	6.33E+06	1.62	1.71E+07	5.63E+06	.33	
42	21	CAMBRIA	PA	1.78E+05	4.36E+05	2.45	9.98E+04	1.46E+05	1.46	1.47E+07	2.88E+07	1.96	7.92E+06	2.06E+06	.26	
42	23	CAMERON	PA										4.09E+04	1.46E+04	.36	
42	25	CARBON	PA	8.00E+03	2.00E+04	2.45	7.42E+04	1.00E+05	1.35	1.31E+06	2.00E+06	1.53	3.02E+06	8.51E+05	.28	
42	27	CENTRE	PA				5.66E+05	7.88E+05	1.39	2.16E+06	3.03E+06	1.40	1.79E+07	6.34E+06	.36	
42	29	CHESTER	PA	4.00E+03	1.00E+04	2.45	3.38E+06	6.03E+06	1.79	4.24E+06	6.59E+06	1.55	3.55E+07	1.55E+07	.44	5.03E+02
42	31	CLARION	PA				3.07E+05	2.43E+05	.79	1.52E+06	4.18E+06	2.75	7.18E+06	2.10E+06	.29	
42	33	CLEARFIELD	PA				3.55E+05	5.50E+05	1.55	1.23E+06	1.93E+06	1.57	3.32E+06	9.50E+05	.29	
42	35	CLINTON	PA	3.20E+04	7.90E+04	2.45	2.64E+06	1.44E+06	.55	1.34E+06	2.30E+06	1.71	4.55E+06	1.88E+06	.41	
42	37	COLUMBIA	PA	2.91E+05	6.90E+05	2.37	1.01E+07	1.22E+07	1.20	9.37E+06	1.09E+07	1.17	2.15E+07	7.28E+06	.34	1.00E+04
42	39	CRAWFORD	PA	9.70E+04	2.32E+05	2.39	9.10E+05	6.75E+05	.74	2.00E+06	3.12E+06	1.56	1.44E+07	4.85E+06	.34	
42	41	CUMBERLAND	PA				5.51E+06	1.02E+07	1.85	2.58E+06	1.78E+06	.69	3.54E+07	1.21E+07	.34	6.71E+04
42	43	DAUPHIN	PA	1.20E+04	3.00E+04	2.45	2.60E+06	6.24E+06	2.40	1.83E+06	1.84E+06	1.00	2.70E+07	9.51E+06	.35	
42	45	DELAWARE	PA				6.95E+05	1.05E+06	1.51	1.13E+06	1.10E+06	.98	9.91E+05	3.74E+05	.38	
42	47	ELK	PA				4.05E+04	6.00E+04	1.48	1.78E+05	1.46E+05	.82	6.56E+05	1.60E+05	.24	
42	49	ERIE	PA	2.47E+06	5.98E+06	2.42	4.73E+07	5.60E+07	1.18	1.86E+07	4.39E+07	2.36	1.08E+07	3.57E+06	.33	
42	51	FAYETTE	PA	5.30E+04	1.29E+05	2.45	2.75E+05	5.68E+05	2.06	9.83E+05	8.46E+05	.86	8.90E+06	2.32E+06	.34	1.55E+03
42	53	FOREST	PA							8.09E+03	9.00E+03	1.08	1.38E+05	4.04E+04	.29	
42	55	FRANKLIN	PA				2.41E+07	4.68E+07	1.94	1.46E+06	1.54E+06	1.06	4.76E+07	1.59E+07	.33	3.52E+04
42	57	FULTON	PA	1.60E+04	4.00E+04	2.45	8.09E+03	1.60E+04	1.94	1.74E+05	1.80E+05	1.04	9.00E+06	2.47E+06	.27	
42	59	GREENE	PA				1.61E+05	1.13E+05	.70	4.33E+05	3.46E+05	.80	1.06E+06	4.30E+05	.33	
42	61	HUNTINGDON	PA				9.02E+05	5.13E+05	.68	3.12E+05	4.89E+05	1.57	1.10E+07	3.71E+06	.31	
42	63	INDIANA	PA	1.84E+06	4.50E+06	2.45	8.55E+05	8.41E+05	.98	2.35E+06	4.81E+06	2.04	1.29E+07	4.35E+06	.34	
42	65	JEFFERSON	PA				1.34E+05	7.70E+04	.58	4.57E+05	4.79E+05	1.05	1.45E+06	1.47E+06	.33	
42	67	JUNIATA	PA				2.69E+06	4.28E+06	1.59	5.95E+05	1.19E+06	2.00	1.49E+07	4.99E+06	.34	1.85E+03
42	69	LACKAWANNA	PA	6.19E+05	1.48E+06	2.39	1.71E+06	4.21E+06	2.47	2.02E+06	2.25E+06	1.11	6.90E+06	2.26E+06	.33	
42	71	LANCASTER	PA	5.91E+05	2.50E+06	4.23	8.02E+06	1.63E+07	2.04	1.28E+07	2.52E+07	1.97	9.81E+07	4.42E+07	.45	4.21E+04
42	73	LAURENCE	PA	2.00E+04	5.00E+04	2.45	7.70E+05	8.81E+05	1.14	9.31E+05	7.53E+05	.81	1.23E+07	4.38E+06	.36	
42	75	LEBANON	PA	1.17E+05	6.56E+05	5.59	1.88E+06	2.35E+06	1.25	1.05E+06	1.43E+06	1.36	2.65E+07	1.08E+07	.41	
42	77	LEHIGH	PA	2.80E+04	7.00E+04	2.49	8.92E+06	1.34E+07	1.50	1.23E+07	3.26E+07	2.64	2.94E+07	1.14E+07	.39	7.50E+02
42	79	LUZERNE	PA	7.89E+05	1.76E+06	2.22	3.59E+06	6.72E+06	1.88	1.12E+07	1.19E+07	1.06	6.09E+06	1.92E+06	.32	
42	81	LYCOMING	PA	1.09E+05	2.68E+05	2.45	2.78E+06	2.69E+06	.97	2.72E+06	5.12E+06	1.88	1.75E+07	6.42E+06	.38	
42	83	MC KEAN	PA							4.65E+05	6.89E+05	1.48	4.74E+05	1.28E+05	.27	
42	85	MERCER	PA	3.48E+05	8.53E+05	2.45	1.30E+06	1.29E+06	1.00	1.92E+06	3.92E+06	2.01	1.82E+07	6.52E+06	.36	6.73E+03
42	87	MIFFLIN	PA				5.71E+05	7.38E+05	1.29	3.08E+05	3.64E+05	1.18	1.16E+07	4.19E+06	.36	1.40E+03
42	89	MONROE	PA				3.40E+05	2.12E+05	.62	8.62E+05	1.97E+06	2.28	3.06E+06	1.00E+06	.33	
42	91	MONTGOMERY	PA	2.06E+05	5.06E+05	2.45	9.28E+05	1.27E+06	1.37	1.41E+06	1.54E+06	1.09	1.73E+07	5.43E+06	.31	
42	93	MONTOUR	PA				2.02E+04	2.40E+04	1.19	1.24E+04	4.40E+04	1.35	1.06E+07	3.26E+06	.31	
42	95	NORTHAMPTON	PA	2.40E+04	5.90E+04	2.45	1.79E+06	2.75E+06	1.53	4.10E+06	7.95E+06	1.94	2.90E+07	1.16E+07	.40	
42	97	NORTHUMBERLA	PA	1.13E+05	2.76E+05	2.45	7.84E+06	1.04E+07	1.33	4.08E+06	3.45E+06	.85	2.62E+07	9.03E+06	.34	7.15E+04
42	99	PERRY	PA				6.44E+05	4.52E+05	.70	2.75E+05	3.35E+05	1.22	1.93E+07	6.71E+06	.35	

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42	101	PHILADELPHIA	PA													
42	103	PIKE	PA				7.28E+04	1.37E+05	1.89	5.30E+05	4.51E+05	.85	3.43E+05	1.43E+05	.42	
42	105	POTTER	PA				5.67E+04	2.00E+04	.35	6.04E+06	1.48E+07	2.45	1.97E+06	4.95E+05	.25	
42	107	SCHUYLKILL	PA	1.54E+06	3.72E+06	2.41	6.08E+06	9.16E+06	1.51	8.89E+06	1.84E+07	2.07	1.93E+07	6.47E+06	.33	
42	109	SNYDER	PA	2.83E+05	6.94E+05	2.45	4.14E+06	6.70E+06	1.62	8.38E+05	1.18E+06	1.41	1.70E+07	5.79E+06	.34	3.63E+03
42	111	SOMERSET	PA	2.55E+05	5.85E+05	2.29	5.53E+05	4.86E+05	.88	8.07E+06	1.36E+07	1.69	1.47E+07	4.64E+06	.32	1.06E+05
42	113	SULLIVAN	PA							1.94E+05	5.91E+05	3.04	5.52E+05	1.73E+05	.31	
42	115	SUSQUEHANNA	PA				1.57E+05	2.63E+05	1.67	2.43E+05	2.26E+05	.93	2.28E+06	6.93E+05	.30	
42	117	TIOGA	PA	4.90E+04	1.19E+05	2.45	4.33E+05	3.35E+05	.77	7.13E+06	2.16E+06	1.91	4.38E+06	1.28E+06	.29	
42	119	UNION	PA				9.17E+05	2.66E+06	2.91	2.91E+05	4.28E+05	1.47	1.40E+07	5.21E+06	.37	5.87E+04
42	121	VENANGO	PA				4.73E+05	4.57E+05	.97	5.67E+05	1.29E+06	2.28	2.99E+06	8.61E+05	.29	
42	123	WARREN	PA				1.62E+04	3.60E+04	2.20	1.15E+06	2.76E+06	2.41	1.21E+06	3.27E+05	.27	
42	125	WASHINGTON	PA	1.78E+05	4.36E+05	2.45	1.41E+06	2.23E+06	1.59	1.51E+06	1.48E+06	.98	9.72E+06	3.26E+06	.35	1.22E+03
42	127	WAYNE	PA				3.85E+05	6.54E+05	1.70	2.23E+05	2.12E+05	.95	5.67E+05	2.81E+05	.49	
42	129	WESTMORELAND	PA	1.05E+05	2.32E+05	2.21	9.37E+05	1.15E+06	1.23	1.73E+06	1.53E+06	.89	1.52E+07	5.02E+06	.33	6.25E+02
42	131	WYOMING	PA				4.76E+05	5.23E+05	1.10	7.16E+05	7.42E+05	1.04	2.26E+06	9.86E+05	.44	
42	133	YORK	PA	1.62E+05	4.05E+05	2.50	2.24E+07	2.66E+07	1.19	2.40E+07	3.47E+07	1.45	8.57E+07	2.97E+07	.35	1.78E+03
44	0		RI	5.63E+05	1.70E+06	3.03	4.55E+06	8.51E+06	1.87	2.21E+07	4.75E+07	2.15	3.86E+05	8.79E+04	.23	
44	1	BRISTOL	RI				2.63E+05	7.62E+05	2.90	2.55E+05	2.80E+05	1.10				
44	3	KENT	RI				7.28E+04	2.02E+05	2.77	6.88E+05	8.28E+05	1.20				
44	5	NEWPORT	RI	3.72E+05	1.16E+06	3.13	3.80E+05	9.08E+05	2.39	7.66E+06	1.76E+07	2.30	9.70E+04	2.47E+04	.25	
44	7	PROVIDENCE	RI	1.62E+05	4.65E+05	2.87	3.44E+06	6.04E+06	1.76	1.16E+06	1.35E+06	1.16	1.09E+04	4.50E+03	.41	
44	9	WASHINGTON	RI	4.00E+03	1.30E+04	3.13	2.14E+05	3.84E+05	1.79	1.23E+07	2.75E+07	2.25	2.78E+05	5.86E+04	.21	
45	0		SC	9.32E+06	1.25E+07	1.35	1.60E+08	1.45E+08	.91	1.16E+08	5.46E+07	.47	6.41E+08	1.41E+08	.22	1.21E+05
45	1	ABBEVILLE	SC				1.21E+04	7.00E+03	.59	4.10E+05	3.90E+04	.10	2.89E+06	5.15E+05	.18	
45	3	AIKEN	SC	2.02E+05	2.73E+05	1.35	2.23E+05	2.19E+05	.98	9.02E+06	2.82E+06	.31	1.74E+07	3.15E+06	.18	
45	5	ALLENDALE	SC				1.45E+05	1.15E+06	.79	7.28E+06	4.62E+06	.64	2.59E+07	4.72E+06	.18	
45	7	ANDERSON	SC				1.78E+05	1.09E+05	.61	9.30E+05	3.98E+05	.43	1.75E+07	3.50E+06	.20	5.60E+02
45	9	BAMBERG	SC				3.12E+05	2.33E+05	.75	4.15E+06	2.94E+06	.71	1.85E+07	4.31E+06	.23	
45	11	BARNWELL	SC				2.85E+06	1.51E+06	.53	1.66E+07	8.17E+06	.49	1.65E+07	3.45E+06	.21	
45	13	BEAUFORT	SC	2.29E+06	3.08E+06	1.35	1.37E+07	1.39E+07	1.01	1.05E+06	3.58E+05	.34	4.10E+06	9.19E+05	.22	
45	15	BERKELEY	SC				2.90E+06	2.70E+06	.93	6.93E+05	5.09E+05	.73	8.48E+06	2.52E+06	.30	
45	17	CALHOUN	SC				3.24E+04	1.70E+04	.53	4.02E+05	1.03E+05	.26	2.54E+07	5.21E+06	.21	
45	19	CHARLESTON	SC	1.42E+06	1.81E+06	1.27	2.06E+07	1.71E+07	.83	6.08E+05	6.11E+05	1.00	7.22E+06	1.54E+06	.21	
45	21	CHEROKEE	SC				7.68E+06	1.09E+07	1.42	4.99E+04	2.70E+04	.54	3.28E+06	6.82E+05	.21	
45	23	CHESTER	SC							3.60E+04	1.90E+04	.52	3.10E+06	5.65E+05	.18	
45	25	CHESTERFIELD	SC				6.10E+06	4.95E+06	.81	6.47E+06	4.81E+06	.74	2.35E+07	3.20E+06	.14	
45	27	CLARENDON	SC				1.29E+05	1.20E+05	.92	3.33E+05	2.53E+05	.76	3.30E+07	7.76E+06	.23	
45	29	COLLETON	SC							1.20E+06	7.58E+05	.63	1.62E+07	4.45E+06	.27	
45	31	DARLINGTON	SC	2.02E+05	2.80E+05	1.38	1.17E+05	9.50E+04	.81	2.71E+06	2.11E+06	.78	3.01E+07	5.06E+06	.17	
45	33	DILLON	SC				1.14E+06	8.33E+05	.73	6.36E+05	6.51E+05	1.02	1.77E+07	3.55E+06	.20	
45	35	DORCHESTER	SC				7.69E+04	4.30E+04	.56	5.21E+05	3.12E+05	.60	8.62E+06	2.38E+06	.28	
45	37	EDGEFIELD	SC				1.89E+07	1.94E+07	1.03	2.51E+05	1.74E+05	.70	6.63E+06	1.09E+06	.16	
45	39	FAIRFIELD	SC				1.35E+05	4.70E+04	.35	2.07E+04	1.30E+04	.63	4.61E+05	6.68E+04	.14	
45	41	FLORENCE	SC	8.00E+03	1.10E+04	1.39	2.35E+05	1.26E+05	.54	5.48E+06	1.46E+06	.27	3.11E+07	8.16E+06	.26	
45	43	GEORGETOWN	SC	2.00E+04	2.80E+04	1.39	1.21E+04	7.00E+03	.73	7.47E+04	1.00E+05	1.34	3.06E+06	1.10E+06	.36	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
45	45	GREENVILLE	SC				5.57E+06	3.19E+06	.57	6.05E+05	3.09E+05	.51	4.61E+06	1.07E+06	.23	6.15E+03
45	47	GREENWOOD	SC							1.86E+05	1.01E+05	.54	2.09E+06	3.86E+05	.18	
45	49	HAMPTON	SC				7.12E+05	5.20E+05	.73	7.42E+06	3.69E+06	.50	2.75E+07	6.43E+06	.23	6.51E+04
45	51	HORRY	SC	9.30E+04	1.18E+05	1.27	7.24E+05	5.12E+05	.71	3.97E+06	2.80E+06	.94	2.12E+07	6.47E+06	.30	
45	53	JASPER	SC				1.61E+06	1.27E+06	.79	9.47E+05	7.58E+05	.80	2.36E+06	3.81E+05	.16	
45	55	KERSHAW	SC				2.83E+04	2.10E+04	.73	8.21E+05	3.23E+05	.39	7.37E+06	1.24E+06	.17	
45	57	LANCASTER	SC							5.49E+05	4.14E+05	.75	3.93E+06	6.69E+05	.17	
45	59	LAURENS	SC				8.09E+03	9.00E+03	1.10	1.88E+05	9.20E+04	.49	6.85E+06	1.35E+06	.20	
45	61	LEE	SC				7.49E+04	7.40E+04	.97	5.42E+06	1.01E+06	.19	2.87E+07	4.62E+06	.16	
45	63	LEXINGTON	SC	3.29E+06	4.49E+06	1.37	3.29E+06	3.83E+06	1.16	2.42E+06	1.35E+06	.56	1.52E+07	2.48E+06	.16	
45	65	MC CORMICK	SC							1.04E+04	4.00E+03	.35	1.67E+05	4.45E+04	.27	
45	67	MARION	SC				1.01E+05	8.10E+04	.80	5.95E+05	4.94E+05	.83	1.30E+07	3.43E+06	.26	
45	69	MARLBORO	SC				4.94E+05	3.[illegible]9E+05	.73	2.02E+05	6.00E+04	.30	2.04E+07	3.24E+06	.16	
45	71	NEWBERRY	SC				5.68E+04	2.80E+04	.50	1.66E+05	5.70E+04	.34	1.13E+07	2.61E+06	.23	
45	73	OCONEE	SC				4.84E+04	4.43E+04	.91	5.04E+04	1.70E+04	.34	2.40E+06	5.74E+05	.24	
45	75	ORANJEBURG	SC	8.42E+05	1.13E+06	1.34	5.74E+06	5.91E+06	1.03	6.31E+06	4.33E+06	.69	5.60E+07	1.46E+07	.26	
45	77	PICKENS	SC				7.37E+05	2.96E+05	.40	2.29E+05	1.43E+05	.63	8.69E+05	2.22E+05	.26	
45	79	RICHLAND	SC							1.84E+05	1.26E+05	.68	1.30E+07	2.54E+06	.20	
45	81	SALUDA	SC				4.70E+06	3.97E+06	.85	5.[illegible]2E+05	1.10E+05	.19	7.69E+06	1.53E+06	.20	
45	83	SPARTANBURG	SC	3.48E+05	5.12E+05	1.39	3.89E+07	3.54E+07	.91	1.42E+06	1.06E+06	.74	8.91E+06	1.73E+06	.19	1.21E+04
45	85	SUMTER	SC				3.60E+06	1.94E+06	.54	1.70E+07	3.83E+06	.22	2.76E+07	5.82E+06	.21	
45	87	UNION	SC				8.09E+03	6.00E+03	.73	9.31E+04	6.10E+04	.65	9.79E+05	1.65E+05	.17	
45	89	WILLIAMSBURG	SC				1.04E+06	3.79E+05	.37	6.37E+05	3.59E+05	.56	2.90E+07	8.82E+06	.30	
45	91	YORK	SC				2.19E+06	2.31E+06	1.05	7.12E+05	2.77E+05	.39	5.33E+06	1.20E+06	.22	
46	0		SD	2.10E+05	6.20E+05	2.94	9.66E+05	1.47E+06	1.52	2.98E+08	3.89E+07	.13	6.31E+09	9.03E+08	.14	8.[illegible]E+06
46	3	AURORA	SD							8.09E+03	4.00E+03	.45	5.62E+07	[illegible].32E+06	.17	
46	5	BEADLE	SD							1.17E+05	1.21E+05	1.03	1.52E+08	1.81E+07	.12	1.60E+05
46	7	BENNETT	SD										6.09E+07	1.03E+07	.17	
46	9	BON HOMME	SD										6.06E+07	1.10E+07	.18	
46	11	BROOKINGS	SD							2.48E+06	2.94E+05	.12	9.94E+07	1.76E+07	.18	
46	13	BROWN	SD							6.81E+07	2.97E+06	.04	4.22E+08	5.25E+07	.12	
46	15	BRULE	SD							4.05E+03	1.00E+03	.27	4.71E+07	7.06E+06	.15	2.65E+05
46	17	BUFFALO	SD										8.88E+06	1.41E+06	.16	
46	19	BUTTE	SD							2.57E+06	5.56E+05	.22	2.47E+07	5.60E+06	.23	1.63E+05
46	21	CAMPBELL	SD										9.56E+07	5.90E+06	.06	
46	23	CHARLES MIX	SD							1.21E+04	5.00E+03	.39	1.01E+08	1.67E+07	.17	2.44E+05
46	25	CLARK	SD							1.86E+07	1.33E+07	.71	1.49E+08	1.62E+07	.11	
46	27	CLAY	SD							2.43E+04	6.60E+04	2.73	5.63E+07	1.37E+07	.24	
46	29	CODINGTON	SD							1.13E+07	7.99E+05	.07	1.11E+08	1.40E+07	.13	
46	31	CORSON	SD							7.01E+06	2.77E+05	.04	1.47E+08	1.20E+07	.08	
46	33	CUSTER	SD							6.42E+05	5.60E+04	.09	4.50E+06	7.21E+05	.16	8.38E+04
46	35	DAVISON	SD										4.50E+07	7.63E+06	.17	
46	37	DAY	SD							3.24E+06	1.68E+05	.05	2.39E+08	2.27E+07	.09	
46	39	DEUEL	SD							1.27E+07	7.89E+05	.06	6.44E+07	1.18E+07	.18	
46	41	DEWEY	SD							8.09E+03	5.00E+03	.67	7.79E+07	7.20E+06	.09	
46	43	DOUGLAS	SD							4.05E+03	3.00E+03	.66	4.94E+07	8.59E+06	.17	
46	45	EDMUNDS	SD							1.11E+07	3.86E+05	.03	1.85E+08	1.69E+07	.09	
46	47	FALL RIVER	SD							6.07E+04	6.80E+04	1.12	1.92E+07	3.33E+06	.17	7.37E+04
46	49	FAULK	SD							6.86E+06	3.39E+05	.05	1.43E+08	1.47E+07	.10	
46	51	GRANT	SD							1.35E+07	8.40E+05	.06	1.02E+08	1.57E+07	.15	
46	53	GREGORY	SD							1.21E+04	1.00E+04	.85	5.29E+07	8.31E+06	.16	1.90E+04

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
46	55	HAAKON	SD										8.91E+07	1.59E+07	.18	
46	57	HANLIN	SD							6.87E+06	2.45E+05	.04	7.49E+07	1.06E+07	.14	
46	59	HAND	SD										1.32E+08	1.47E+07	.11	2.08E+05
46	61	HANSON	SD							2.02E+04	4.60E+04	2.28	4.81E+07	8.05E+06	.17	
46	63	HARDING	SD				4.05E+03		.11	4.05E+03	2.00E+03	.56	6.09E+07	7.74E+06	13	
46	65	HUGHES	SD										8.60E+07	1.05E+07	.12	
46	67	HUTCHINSON	SD				5.93E+04	6.10E+04	1.03	2.43E+04	4.30E+04	1.78	9.39E+07	1.83E+07	.19	2.50E+03
46	69	HYDE	SD										3.38E+07	3.47E+06	.10	
46	71	JACKSON	SD										3.08E+07	5.28E+06	.17	
46	73	JERAULD	SD							2.83E+04	1.10E+05	3.89	4.44E+07	7.00E+06	.16	
46	75	JONES	SD										6.81E+07	1.29E+07	.19	
46	77	KINGSBURY	SD										1.33E+08	2.17E+07	.17	
46	79	LAKE	SD										8.81E+07	2.03E+07	.23	
46	81	LAWRENCE	SD							1.46E+05	1.61E+05	1.10	4.25E+06	7.30E+05	.17	
46	83	LINCOLN	SD							8.09E+03	4.00E+03	.45	8.38E+07	2.00E+07	.24	
46	85	LYMAN	SD										1.40E+08	2.73E+07	.19	
46	87	MC COOK	SD							4.05E+03	3.00E+03	.65	7.65E+07	1.45E+07	.19	
46	89	MC PHERSON	SD							9.87E+05	4.50E+04	.05	1.34E+08	1.27E+07	.09	
46	91	MARSHALL	SD							9.41E+06	5.20E+05	.06	1.58E+08	2.12E+07	.13	
46	93	MEADE	SD				1.62E+04	4.20E+04	2.60	1.25E+05	1.38E+05	1.10	6.99E+07	1.10E+07	.16	
46	95	MELLETTE	SD										3.20E+07	5.33E+06	.17	
46	97	MINER	SD							3.09E+03	9.00E+03	1.03	5.38E+07	8.87E+06	.16	
46	99	MINNEHAHA	SD	1.58E+05	4.94E+05	3.13	1.21E+04	1.30E+04	1.10	2.04E+06	1.31E+06	.64	1.07E+08	2.42E+07	.23	
46	101	MOODY	SD							1.36E+06	3.05E+05	.22	6.58E+07	1.63E+07	.25	
46	103	PENNINGTON	SD				8.09E+03	5.00E+03	.61				8.22E+07	1.53E+07	.19	8.96E+04
46	105	PERKINS	SD							7.08E+05	8.60E+04	.12	1.57E+08	2.01E+07	.13	
46	107	POTTER	SD							8.09E+03	2.00E+03	.27	1.56E+08	1.61E+07	.10	
46	109	ROBERTS	SD							5.72E+07	4.19E+06	.07	2.01E+08	2.86E+07	.14	
46	111	SANBORN	SD				5.26E+04	1.16E+05	2.20	1.39E+06	2.69E+06	1.94	3.55E+07	5.98E+06	.17	9.37E+05
46	113	SHANNON	SD										2.57E+07	4.37E+06	.17	
46	115	SPINK	SD							3.28E+07	1.69E+06	.05	3.60E+08	3.88E+07	.11	
46	117	STANLEY	SD										9.40E+07	1.89E+07	.20	
46	119	SULLY	SD										1.75E+08	1.69E+07	.10	
46	121	TODD	SD							8.09E+03	1.40E+04	1.68	1.49E+07	2.18E+06	.15	
46	123	TRIPP	SD										1.10E+08	1.79E+07	.16	1.00E+06
46	125	TURNER	SD				2.39E+05	1.02E+05	.42	1.79E+06	5.44E+05	.30	8.04E+07	1.66E+07	.21	3.73E+04
46	127	UNION	SD							2.02E+04	1.10E+04	.53	7.08E+07	1.83E+07	.26	
46	129	WALWORTH	SD							9.61E+06	5.83E+05	.06	1.17E+08	9.83E+06	.08	
46	131	WASHABAUGH	SD										3.99E+07	6.35E+06	.16	
46	135	YANKTON	SD							2.75E+05	2.39E+05	.87	5.42E+07	1.31E+07	.24	
46	137	ZIEBACH	SD										4.80E+07	5.23E+06	.11	
47	0		TN	2.49E+07	4.71E+07	1.97	8.15E+07	5.08E+07	.62	6.74E+07	4.12E+07	.61	8.35E+08	1.71E+08	.21	3.25E+05
47	1	ANDERSON	TN				8.68E+03	2.30E+04	2.64	1.25E+05	7.60E+04	.61	2.06E+05	5.56E+04	.27	
47	3	BEDFORD	TN							1.62E+05	1.30E+05	.80	1.08E+07	2.24E+06	.21	8.54E+03
47	5	BENTON	TN							2.43E+04	1.30E+04	.54	4.40E+06	9.40E+05	.21	
47	7	BLEDSOE	TN	1.54E+05	5.32E+05	3.46	4.45E+06	3.78E+06	.62	3.52E+05	3.94E+05	1.12	3.17E+06	8.91E+05	.28	6.01E+04
47	9	BLOUNT	TN				2.02E+04	2.00E+04	1.01	5.60E+05	8.29E+05	1.48	4.89E+06	1.22E+06	.25	
47	11	BRADLEY	TN				6.07E+04	5.30E+04	.88	7.33E+04	1.32E+05	1.80	1.07E+06	3.35E+05	.31	
47	13	CAMPBELL	TN							1.58E+05	1.80E+05	1.14	2.47E+05	8.09E+04	33	
47	15	CANNON	TN							1.01E+05	7.30E+04	.72	4.57E+06	1.22E+06	.27	
47	17	CARROLL	TN	6.10E+04	2.10E+05	3.46	6.01E+04	5.20E+04	.86	1.01E+06	1.07E+06	1.06	1.63E+07	3.35E+06	.21	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
47	19	CARTER	TN				2.02E+04	8.00E+03	.38	4.05E+05	3.55E+05	.88	3.01E+05	8.19E+04	.27	2.60E+02
47	21	CHEATHAM	TN				7.69E+04	7.60E+04	.99	5.26E+04	6.10E+04	1.16	2.08E+06	4.94E+05	.24	
47	23	CHESTER	TN				2.23E+05	1.90E+04	.08	4.01E+04	1.80E+04	.45	1.10E+07	1.80E+06	.16	
47	25	CLAIBORNE	TN	4.00E+03	1.40E+04	3.46	7.28E+04	1.01E+05	1.39	6.47E+05	7.30E+05	1.13	1.49E+06	3.08E+05	.34	
47	27	CLAY	TN				2.23E+05	2.41E+05	1.08	2.19E+05	1.64E+05	.75	1.87E+06	6.02E+05	.32	
47	29	COCKE	TN	4.86E+05	1.68E+06	3.46	1.39E+06	1.44E+06	1.03	2.35E+05	2.57E+05	1.09	1.68E+06	5.62E+05	.33	1.47E+05
47	31	COFFEE	TN				8.09E+04	5.80E+04	.72	1.34E+06	1.47E+06	1.09	2.20E+07	5.72E+06	.26	
47	33	CROCKETT	TN	1.86E+05	5.94E+05	3.19	4.09E+05	4.23E+05	1.04	2.55E+05	2.24E+05	.88	1.89E+07	2.71E+06	.14	
47	35	CUMBERLAND	TN				2.31E+07	1.05E+07	.45	1.33E+06	8.85E+05	.67	1.81E+06	5.99E+05	.33	
47	37	DAVIDSON	TN	4.82E+05	8.23E+05	1.71	1.94E+05	2.37E+05	1.22	4.33E+05	5.25E+05	1.21	1.14E+06	2.15E+05	.19	5.20E+03
47	39	DECATUR	TN							3.71E+05	2.85E+05	.77	3.89E+06	8.33E+05	.21	
47	41	DE KALB	TN				4.05E+03	2.00E+03	.43	4.09E+05	2.94E+05	.72	3.30E+06	8.62E+05	.26	
47	43	DICKSON	TN				2.83E+04	3.00E+04	1.05	2.01E+05	2.85E+05	1.42	2.13E+06	5.01E+05	.23	
47	45	DYER	TN	1.07E+07	1.84E+07	1.72	6.03E+05	5.95E+05	.99	9.90E+04	1.72E+04	.17	5.58E+07	8.76E+06	.16	
47	47	FAYETTE	TN				9.71E+04	1.80E+05	1.85	4.15E+05	1.31E+06	3.31	2.67E+07	3.74E+06	.14	
47	49	FENTRESS	TN				8.66E+06	3.74E+06	.43	9.71E+04	5.90E+04	.61	1.37E+06	4.81E+05	.35	
47	51	FRANKLIN	TN				6.47E+04	2.10E+04	.32	2.72E+05	1.53E+05	.56	2.42E+07	5.64E+06	.23	1.43E+03
47	53	GIBSON	TN	1.01E+06	3.45E+06	3.42	8.09E+05	9.96E+05	1.23	4.35E+06	2.12E+06	.49	4.07E+07	7.77E+06	.19	
47	55	GILES	TN	4.00E+03	1.40E+04	3.46	3.21E+05	2.43E+05	.76	1.38E+05	1.94E+05	1.41	4.97E+06	8.99E+05	.18	8.36E+02
47	57	GRAINGER	TN				4.37E+05	5.67E+05	1.30	2.67E+05	1.93E+05	.72	9.54E+05	2.66E+05	.28	1.48E+03
47	59	GREENE	TN				1.52E+05	1.81E+05	1.19	9.71E+05	6.80E+05	.70	6.40E+06	2.00E+06	.31	
47	61	GRUNDY	TN	8.90E+04	3.08E+05	3.46	6.88E+04	9.30E+04	1.35	1.62E+05	1.30E+05	.80	3.21E+06	8.86E+05	.28	
47	63	HAMBLEN	TN				1.62E+04	1.90E+04	1.16	1.70E+05	1.51E+05	.89	2.75E+06	6.99E+05	.25	
47	65	HAMILTON	TN				3.20E+05	2.56E+05	.80	1.42E+05	1.18E+05	.83	6.76E+05	1.56E+05	.23	
47	67	HANCOCK	TN							2.19E+05	2.54E+05	1.16	4.64E+05	2.07E+05	.45	
47	69	HARDEMAN	TN				6.93E+05	1.22E+06	1.77	2.52E+04	7.16E+05	.28	1.38E+07	2.09E+06	.15	
47	71	HARDIN	TN							2.00E+05	1.13E+05	.56	1.09E+07	1.75E+06	.16	
47	73	HAWKINS	TN				7.89E+04	6.70E+04	.85	6.11E+05	7.02E+05	1.15	3.02E+06	8.75E+05	.29	1.64E+03
47	75	HAYWOOD	TN				8.08E+06	4.04E+06	.50	3.23E+06	1.58E+06	.49	2.78E+07	3.85E+06	.14	
47	77	HENDERSON	TN				2.43E+04	1.00E+04	.43	3.73E+05	3.74E+05	1.00	1.12E+07	2.40E+06	.21	
47	79	HENRY	TN				3.24E+04	4.00E+03	.13	9.10E+05	3.32E+05	.36	2.45E+07	6.26E+06	.26	
47	81	HICKMAN	TN				2.83E+04	4.00E+04	1.40	1.68E+05	1.00E+05	.59	3.52E+06	9.56E+05	.27	
47	83	HOUSTON	TN							4.05E+04	2.50E+04	.62	3.10E+05	5.51E+04	.18	
47	85	HUMPHREYS	TN							3.15E+04	5.10E+04	1.62	2.81E+06	6.56E+05	.23	5.46E+03
47	87	JACKSON	TN							1.42E+05	1.45E+05	1.02	1.59E+06	4.57E+05	.29	1.00E+03
47	89	JEFFERSON	TN				1.25E+05	1.64E+05	1.31	2.10E+05	1.63E+05	.78	4.13E+06	1.13E+06	.27	
47	91	JOHNSON	TN				4.65E+05	2.28E+05	.49	2.63E+05	2.11E+05	.80	5.74E+05	2.90E+05	.51	5.10E+02
47	93	KNOX	TN	2.79E+05	4.82E+05	1.73	7.32E+05	6.00E+05	.82	7.13E+05	7.81E+05	1.10	1.08E+06	2.79E+05	.26	
47	95	LAKE	TN										3.24E+07	5.28E+06	.16	
47	97	LAUDERDALE	TN				1.18E+06	1.62E+06	1.37	1.07E+06	1.73E+05	.16	3.35E+07	5.11E+06	.15	
47	99	LAWRENCE	TN				1.24E+06	6.60E+05	.53	1.08E+06	9.03E+05	.83	1.49E+07	2.71E+06	.18	3.06E+03
47	101	LEWIS	TN							4.59E+04	5.00E+04	1.09	1.01E+06	2.43E+05	.24	
47	103	LINCOLN	TN				3.99E+05	1.39E+05	.35	2.09E+06	3.08E+06	1.47	1.26E+07	2.43E+06	.19	4.04E+03
47	105	LOUDON	TN				1.17E+05	1.23E+05	1.05	1.98E+05	1.96E+05	.99	1.74E+06	4.28E+05	.25	7.80E+02
47	107	MC MINN	TN				6.47E+04	9.10E+04	1.40	4.78E+05	9.74E+05	2.04	3.28E+06	9.05E+05	.28	2.42E+02
47	109	MC NAIRY	TN				5.95E+05	2.15E+05	.36	5.21E+05	1.11E+06	2.13	1.29E+07	3.02E+06	.14	
47	111	MACON	TN				2.43E+04	3.30E+04	1.35	1.58E+05	2.29E+05	1.45	3.47E+06	1.02E+06	.29	
47	113	MADISON	TN	8.10E+04	2.80E+05	3.46	2.55E+05	2.88E+05	1.13	6.19E+05	2.08E+05	.34	1.84E+07	2.74E+06	.15	
47	115	MARION	TN							1.62E+04	1.20E+04	.72	3.17E+06	7.27E+05	.23	
47	117	MARSHALL	TN							1.62E+04	1.10E+04	.66	3.40E+06	7.29E+05	.21	
47	119	MAURY	TN	3.20E+04	5.50E+04	1.70	6.24E+04	5.40E+04	.87	2.79E+05	2.59E+05	.93	1.19E+07	2.28E+06	.19	2.37E+04
47	121	MEIGS	TN				6.88E+04	3.30E+04	.48	1.90E+05	4.83E+05	2.54	1.05E+06	2.74E+05	.26	
47	123	MONROE	TN				9.51E+05	4.07E+05	.43	1.78E+05	1.17E+05	.66	4.63E+06	1.07E+06	.23	3.16E+03
47	125	MONTGOMERY	TN				4.17E+04	1.34E+05	3.22	1.60E+06	4.91E+05	.31	1.85E+07	4.66E+06	.25	
47	127	MOORE	TN							2.43E+04	1.60E+04	.65	5.23E+05	1.08E+05	.21	
47	129	MORGAN	TN							8.90E+04	6.90E+04	.78	8.63E+05	3.21E+05	.37	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M##2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M##2	EXPOSED PRODUCE AREA M##2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M##2	PROTECTED PRODUCE AREA M##2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M##2	GRAIN FOR FOOD AREA M##2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M##2	HONEY PROD. KG
47	131	OBION	TN				9.85E+05	1.63E+06	1.66				6.37E+07	1.48E+07	.23	
47	133	OVERTON	TN				7.93E+05	3.98E+05	.50	4.41E+05	6.94E+05	1.57	2.42E+06	8.31E+05	.34	
47	135	PERRY	TN							8.09E+03	5.00E+03	.60	3.15E+06	7.06E+05	.22	
47	137	PICKETT	TN							6.07E+04	4.90E+04	.81	4.72E+05	1.48E+05	.31	6.40E+02
47	139	POLK	TN				2.02E+04	9.00E+03	.43	1.62E+04	1.30E+04	.79	1.25E+06	3.68E+05	.29	
47	141	PUTNAM	TN				1.17E+05	5.80E+04	.50	3.91E+05	3.76E+05	.96	3.29E+06	8.12E+05	.25	
47	143	RHEA	TN	7.45E+05	2.58E+06	3.46	6.71E+06	6.17E+06	.92	5.77E+05	1.00E+06	1.74	1.42E+06	2.91E+05	.24	
47	145	ROANE	TN							3.44E+05	3.68E+05	1.07	2.85E+05	7.16E+04	.25	
47	147	ROBERTSON	TN	2.99E+05	5.09E+05	1.70	3.26E+05	2.37E+05	.73	4.03E+05	3.55E+05	.88	3.79E+07	9.06E+06	.24	
47	149	RUTHERFORD	TN				2.83E+04	2.90E+04	1.01	1.05E+05	2.15E+05	2.05	8.90E+06	2.09E+06	.23	
47	151	SCOTT	TN							8.50E+04	5.90E+04	.69	5.89E+05	1.15E+05	.19	
47	153	SEQUATCHIE	TN							2.43E+04	4.20E+04	1.72	1.91E+06	5.01E+05	.26	
47	155	SEVIER	TN				1.62E+04	7.00E+03	.41	3.97E+05	2.84E+05	.72	2.58E+06	7.82E+05	.30	5.59E+03
47	157	SHELBY	TN	5.34E+05	9.08E+05	1.70	5.20E+05	2.12E+05	.66	1.79E+06	5.10E+05	.28	2.22E+07	2.83E+06	.13	1.05E+04
47	159	SMITH	TN				8.09E+03	3.00E+03	.43	2.14E+05	1.27E+05	.59	1.23E+06	3.15E+05	.26	
47	161	STEWART	TN							5.38E+05	1.54E+05	.29	1.54E+06	3.70E+05	.24	
47	163	SULLIVAN	TN				8.38E+04	5.90E+04	.71	3.40E+05	3.00E+05	.88	1.60E+06	6.29E+05	.39	
47	165	SUMNER	TN	1.60E+04	2.80E+04	1.70	4.25E+05	2.28E+05	.54	4.41E+05	3.70E+05	.84	9.57E+06	2.16E+06	.23	
47	167	TIPTON	TN	3.60E+04	6.20E+04	1.70	1.70E+05	1.38E+05	.81	1.14E+06	3.25E+05	.29	2.52E+07	3.71E+06	.15	
47	169	TROUSDALE	TN							8.30E+04	9.30E+04	1.09	1.15E+06	2.40E+05	.21	
47	171	UNICOI	TN				5.15E+05	4.25E+05	.83	2.47E+05	3.47E+05	1.40	9.46E+04	3.57E+04	.37	
47	173	UNION	TN				4.05E+03	2.00E+03	.43	1.13E+05	1.12E+05	.99	9.96E+04	2.91E+04	.29	
47	175	VAN BUREN	TN							4.73E+05	4.72E+05	1.00	3.14E+05	1.12E+05	.36	
47	177	WARREN	TN				1.62E+05	2.12E+05	1.31	1.25E+05	1.61E+05	1.28	1.15E+07	3.08E+06	.27	
47	179	WASHINGTON	TN	2.80E+04	7.70E+04	2.71	4.58E+05	4.89E+05	1.07	5.58E+05	8.36E+05	1.50	3.58E+06	1.19E+06	.33	1.16E+03
47	181	WAYNE	TN				3.62E+05	1.53E+05	.42	1.26E+05	1.28E+05	1.01	3.77E+06	8.60E+05	.23	
47	183	WEAKLEY	TN				7.20E+04	8.10E+04	1.12	2.35E+05	2.00E+05	.85	4.05E+07	9.61E+06	.24	
47	185	WHITE	TN				1.84E+04	1.10E+04	.61	3.84E+05	6.42E+05	1.67	4.87E+06	1.15E+06	.24	
47	187	WILLIAMSON	TN				1.17E+05	1.36E+05	1.16	8.09E+04	1.24E+05	1.54	9.27E+06	1.94E+06	.21	6.40E+02
47	189	WILSON	TN				1.06E+05	1.17E+05	1.10	3.93E+05	3.22E+05	.82	1.45E+06	2.65E+05	.18	
48	0		TX	1.18E+08	2.60E+08	2.20	1.50E+08	1.31E+08	.87	2.71E+09	1.39E+09	.51	5.22E+09	7.40E+08	.14	5.26E+06
48	1	ANDERSON	TX				1.05E+05	1.04E+05	.98	1.73E+07	4.04E+06	.23	5.77E+05	1.49E+05	.26	
48	3	ANDREWS	TX										8.96E+05	1.83E+04	.02	
48	5	ANGELINA	TX				1.62E+04	8.00E+03	.50	1.66E+05	3.70E+04	.22	1.96E+03	2.00E+02	.10	
48	7	ARANSAS	TX										6.13E+04	1.35E+04	.22	
48	9	ARCHER	TX										4.81E+07	5.65E+06	.12	
48	11	ARMSTRONG	TX										3.71E+07	2.39E+06	.06	
48	13	ATASCOSA	TX	4.78E+05	1.30E+06	2.72	6.92E+06	1.08E+07	1.56	6.24E+07	2.02E+07	.32	1.40E+07	1.18E+06	.08	1.34E+05
48	15	AUSTIN	TX				1.29E+04	7.00E+03	.52	6.08E+06	2.22E+06	.36	3.51E+06	7.98E+05	.23	
48	17	BAILEY	TX				1.96E+06	2.24E+06	1.14	9.77E+06	8.84E+06	.90	2.98E+07	7.[illegible]E+06	.24	
48	19	BANDERA	TX				1.11E+05	5.0[illegible]E+03	.04	1.71E+05	1.30E+03		3.76E+05	2.86E+04	.08	
48	21	BASTROP	TX				6.47E+04	6.80E+04	1.06	8.75E+06	1.13E+06	.13	2.78E+06	4.55E+05	.16	
48	23	BAYLOR	TX							5.87E+05	1.25E+05	.21	9.19E+07	9.36E+06	.10	
48	25	BEE	TX				1.94E+05	1.28E+05	.66	2.63E+05	1.10E+05	.42	9.13E+06	1.32E+06	.14	
48	27	BELL	TX				7.97E+04	1.80E+04	.23	3.85E+06	8.10E+04	.02	1.84E+07	2.40E+06	.13	2.84E+04
48	29	BEXAR	TX	2.95E+06	5.45E+06	1.85	2.52E+06	2.08E+06	.83	1.67E+07	4.13E+06	.25	1.44E+07	2.14E+06	.15	1.45E+04
48	31	BLANCO	TX				5.43E+05	7.40E+04	.14	6.81E+04		.01	1.44E+06	1.27E+05	.09	
48	33	BORDEN	TX							3.72E+05	5.00E+03	.01	1.25E+06	4.81E+04	.04	
48	35	BOSQUE	TX				9.54E+03	1.00E+03	.08	1.69E+06	7.70E+04	.05	1.12E+07	1.24E+06	.11	
48	37	BOWIE	TX				2.06E+05	2.18E+05	1.06	1.01E+05	5.10E+04	.50	4.19E+06	4.34E+05	.10	
48	39	BRAZORIA	TX	5.30E+04	5.70E+04	1.09	2.22E+05	3.[illegible]E+05	1.40	6.42E+07	2.73E+07	.42	1.64E+06	2.02E+05	.12	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA	EXPOSED PRODUCE PRODUCTION	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA	PROTECTED PRODUCE PRODUCTION	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
48	41	BRAZOS	TX							6.07E+04	2.10E+04	.34	1.27E+06	2.52E+05	.20	
48	43	BREWSTER	TX													
48	45	BRISCOE	TX							1.05E+06	1.29E+05	.12	3.92E+07	3.89E+06	.10	
48	47	BROOKS	TX				5.38E+05	6.35E+05	1.18	4.23E+06	4.63E+06	1.10	1.14E+05	2.38E+04	.21	
48	49	BROWN	TX							2.32E+07	1.69E+06	.07	1.70E+07	2.12E+06	.13	
48	51	BURLESON	TX							2.91E+05	3.14E+05	1.08	2.27E+06	4.83E+05	.21	
48	53	BURNET	TX				1.38E+05	5.30E+04	.39	2.10E+06	1.60E+04	.01	3.47E+06	2.63E+05	.08	
48	55	CALDWELL	TX				6.07E+04	7.50E+04	1.24	1.43E+06	1.22E+06	.85	7.24E+06	9.85E+05	.14	
48	57	CALHOUN	TX							8.99E+06	5.03E+06	.56	1.97E+06	4.09E+05	.21	
48	59	CALLAHAN	TX				1.29E+05	2.40E+04	.18	1.49E+07	1.42E+06	.10	.51E+07	2.28E+06	.09	
48	61	CAMERON	TX	5.96E+06	1.67E+07	2.80	5.16E+06	6.27E+06	1.22	5.12E+07	3.03E+07	.59	1.37E+07	2.03E+06	.15	
48	63	CAMP	TX				1.09E+05	2.00E+04	.19	6.47E+04	6.40E+04	.99				
48	65	CARSON	TX										1.18E+08	1.79E+07	.15	
48	67	CASS	TX				2.83E+04	4.80E+04	1.68	1.90E+06	2.27E+06	1.19	3.25E+05	1.27E+05	.39	
48	69	CASTRO	TX				1.98E+05	2.26E+05	1.14	3.48E+07	5.42E+07	1.47	1.36E+08	3.67E+07	.27	
48	71	CHAMBERS	TX							5.23E+07	2.33E+07	.45	8.88E+05	1.01E+05	.11	
48	73	CHEROKEE	TX				1.17E+06	9.76E+05	.84	3.21E+06	9.66E+05	.30	4.27E+05	7.99E+04	.19	
48	75	CHILDRESS	TX										4.56E+07	3.96E+06	.09	
48	77	CLAY	TX							3.70E+04	6.20E+04	.02	6.82E+07	1.15E+07	.17	
48	79	COCHRAN	TX										1.75E+07	1.22E+06	.07	
48	81	COKE	TX										7.13E+05	5.74E+04	.08	
48	83	COLEMAN	TX										3.58E+07	2.29E+06	.06	
48	85	COLLIN	TX	6.10E+04	1.76E+05	2.90	6.31E+05	2.95E+05	.47	2.47E+06	2.90E+06	1.18	5.52E+07	7.83E+06	.14	1.31E+04
48	87	COLLINGSWORT	TX							1.40E+06	2.69E+05	.19	4.23E+07	3.59E+06	.08	
48	89	COLORADO	TX							5.75E+07	2.89E+07	.50	1.18E+06	1.81E+05	.15	
48	91	COMAL	TX							3.30E+05	7.00E+03	.02	2.25E+06	3.28E+05	.15	
48	93	COMANCHE	TX				3.20E+05	1.40E+05	.50	1.80E+08	1.93E+07	.11	3.02E+06	2.91E+05	.10	
48	95	CONCHO	TX										2.43E+07	1.35E+06	.06	
48	97	COOKE	TX				8.09E+03	1.00E+04	1.24	3.34E+06	3.79E+05	.11	3.64E+07	5.95E+06	.16	
48	99	CORYELL	TX				2.23E+04	9.00E+03	.38	3.34E+06	1.46E+05	.04	2.26E+07	2.42E+06	.11	
48	101	COTTLE	TX										2.05E+07	1.33E+06	.06	
48	103	CRANE	TX													
48	105	CROCKETT	TX													
48	107	CROSBY	TX							1.63E+06	1.72E+05	.11	3.71E+07	3.79E+06	.10	
48	109	CULBERSON	TX										1.06E+06	1.12E+05	.11	
48	111	DALLAM	TX							1.06E+06	1.22E+05	.11	1.28E+08	2.00E+07	.16	
48	113	DALLAS	TX	7.70E+04	8.80E+04	1.15	9.80E+04	2.80E+04	.29	3.24E+04	4.50E+04	1.38	1.39E+07	1.47E+06	.11	
48	115	DAWSON	TX							1.73E+06	9.30E+04	.05	1.49E+07	1.49E+06	.09	
48	117	DEAF SMITH	TX							4.90E+07	5.03E+07	1.03	1.60E+08	3.20E+07	.20	
48	119	DELTA	TX							2.05E+05	2.00E+03	.01	3.09E+06	2.82E+05	.09	7.[illegible]E+04
48	121	DENTON	TX							1.02E+07	1.09E+06	.11	6.01E+07	9.03E+06	.15	
48	123	DE WITT	TX	2.00E+04	5.70E+04	2.80				3.72E+06	2.74E+05	.07	9.45E+06	1.31E+06	.14	
48	125	DICKENS	TX										1.44E+07	1.12E+06	.08	
48	127	DIMMIT	TX				5.67E+05	6.44E+05	1.14	6.81E+06	1.34E+07	1.96	7.32E+05	3.83E+04	.05	
48	129	DONLEY	TX				4.92E+05	6.60E+04	.13	4.38E+05	1.44E+05	.33	1.45E+07	1.07E+06	.07	
48	131	DUVAL	TX				1.78E+05	2.21E+05	1.24	1.70E+07	1.44E+07	.85	3.55E+06	5.78E+05	.16	
48	133	EASTLAND	TX				4.05E+03	1.00E+03	.18	9.85E+07	1.17E+07	.12	4.53E+06	4.30E+05	.09	
48	135	ECTOR	TX							6.10E+04	1.50E+04	.24	7.19E+04	5.40E+03	.08	
48	137	EDWARDS	TX							1.75E+06	8.00E+03					
48	139	ELLIS	TX							4.05E+03	1.10E+04	2.81	2.69E+07	2.86E+06	.11	2.9[illegible]E+05
48	141	EL PASO	TX				8.46E+05	3.17E+05	.37	5.56E+06	2.04E+06	.37	6.41E+06	1.48E+06	.23	
48	143	ERATH	TX							3.82E+07	4.07E+06	.11	2.04E+06	1.94E+05	.10	
48	145	FALLS	TX				5.34E+05	6.31E+05	1.18	1.73E+06	6.33E+05	.37	1.20E+07	1.49E+06	.12	
48	147	FANNIN	TX				3.64E+04	3.90E+04	1.06	2.60E+07	3.18E+06	.12	2.65E+07	3.76E+06	.14	5.48E+04
48	149	FAYETTE	TX				3.63E+04	2.90E+04	.79	7.84E+06	7.48E+05	.10	6.43E+06	1.60E+06	.25	1.23E+04
48	151	FISHER	TX							3.36E+05	1.00E+03		2.81E+07	1.97E+06	.07	

IS	IC	COUNTY NAME	ST	---- LEAFY VEGETABLES ---- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	----- EXPOSED PRODUCE ---- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	---- PROTECTED PRODUCE --- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	- --- GRAIN FOR FOOD ----- AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	ANIMAL PROD. KG
48	153	FLOYD	TX				2.28E+06	2.20E+06	.96	1.73E+06	1.73E+06	1.00	1.31E+08	1.55E+07	.12	
48	155	FOARD	TX							1.74E+05	1.91E+05	1.10	9.97E+07	9.14E+06	.09	
48	157	FORT BEND	TX	2.00E+03	9.00E+03	1.09	2.02E+05	1.85E+05	.91	2.42E+07	1.01E+07	.42	6.88E+06	1.19E+06	.17	
48	159	FRANKLIN	TX							2.83E+04	2.40E+04	.86	4.17E+05	9.43E+04	.23	
48	161	FREESTONE	TX				1.43E+05	8.70E+04	.61	6.33E+05	9.10E+04	.14	3.93E+05	5.93E+04	.15	
48	163	FRIO	TX	7.09E+06	7.73E+06	1.09	2.00E+06	2.76E+06	1.38	1.04E+08	5.20E+07	.50	1.52E+07	2.55E+06	.17	7.69E+05
48	165	GAINES	TX				1.26E+07	3.29E+06	.26	1.22E+07	1.62E+06	.13	3.38E+07	2.94E+06	.09	
48	167	GALVESTON	TX	8.58E+05	9.35E+05	1.09	2.83E+04	2.10E+04	.73	5.35E+06	2.64E+06	.49	1.93E+05	2.66E+04	.14	6.21E+04
48	169	GARZA	TX							1.07E+05	6.00E+03	.05	1.70E+06	9.20E+04	.05	
48	171	GILLESPIE	TX				4.90E+04	2.61E+06	.53	1.86E+06	6.80E+04	.04	1.22E+07	1.26E+06	.10	
48	173	GLASSCOCK	TX							6.96E+05	7.20E+05	1.03	2.48E+06	1.81E+05	.07	
48	175	GOLIAD	TX							1.21E+04	9.00E+03	.74	1.27E+06	1.70E+05	.13	
48	177	GONZALES	TX							2.29E+07	8.61E+06	.38	3.37E+06	4.47E+05	.13	
48	179	GRAY	TX							3.55E+04	2.30E+04	.61	6.29E+07	5.67E+06	.09	
48	181	GRAYSON	TX							1.88E+07	2.25E+06	.12	5.09E+07	6.92E+06	.14	
48	183	GREGG	TX							4.05E+03	6.00E+03	1.38	1.36E+05	2.64E+04	.21	
48	185	GRIMES	TX							1.53E+04	5.00E+03	.31	5.83E+05	1.61E+05	.28	2.62E+05
48	187	GUADALUPE	TX				3.43E+04	3.00E+04	1.24	2.35E+07	2.53E+06	.11	2.39E+07	3.24E+06	.14	8.81E+04
48	189	HALE	TX				9.00E+06	9.49E+06	1.05	6.51E+06	7.24E+06	1.11	9.41E+07	1.66E+07	.18	
48	191	HALL	TX							7.39E+05	1.64E+05	.22	1.81E+07	1.46E+06	.08	
48	193	HAMILTON	TX							4.87E+06	2.60E+04	.01	1.10E+07	9.39E+05	.09	
48	195	HANSFORD	TX										1.75E+08	2.95E+07	.17	
48	197	HARDEMAN	TX							1.84E+05	2.04E+05	1.11	1.18E+08	1.11E+07	.09	
48	199	HARDIN	TX				3.24E+04	3.80E+04	.87	1.42E+06	6.90E+05	.49	3.20E+05	3.38E+04	.11	
48	201	HARRIS	TX	2.15E+06	2.42E+06	1.13	9.02E+05	1.46E+06	1.61	4.45E+07	2.10E+07	.47	4.83E+06	1.11E+06	.23	1.21E+05
48	203	HARRISON	TX				3.58E+05	2.01E+05	.55	9.31E+05	9.64E+05	1.04	2.11E+05	4.68E+04	.22	
48	205	HARTLEY	TX							2.07E+07	9.31E+06	.45	7.83E+07	1.15E+07	.15	
48	207	HASKELL	TX							2.31E+05	9.40E+04	.41	6.68E+07	5.31E+06	.08	
48	209	HAYS	TX							4.14E+05	1.10E+04	.03	2.45E+06	3.75E+05	.15	
48	211	HEMPHILL	TX										4.24E+07	3.73E+06	.09	
48	213	HENDERSON	TX				7.69E+04	7.20E+04	.93	5.58E+06	1.57E+06	.28	7.82E+05	1.19E+05	.15	
48	215	HIDALGO	TX	4.01E+07	1.04E+08	2.59	3.44E+07	3.47E+07	1.01	3.89E+08	4.00E+08	1.03	1.58E+07	3.03E+06	.19	2.76E+04
48	217	HILL	TX							1.09E+07	1.03E+06	.09	1.70E+07	1.97E+06	.12	1.80E+04
48	219	HOCKLEY	TX							9.20E+05	1.80E+06	1.96	2.13E+07	1.74E+06	.08	
48	221	HOOD	TX				1.38E+05	.90E+04	.50	3.33E+07	2.02E+06	.06	1.76E+06	2.34E+05	.13	
48	223	HOPKINS	TX				1.78E+05	2.49E+05	1.40	9.20E+05	1.05E+06	1.14	5.08E+05	9.07E+04	.18	
48	225	HOUSTON	TX				8.09E+03	1.00E+04	1.24	1.87E+07	2.52E+06	.13	1.33E+06	1.42E+05	.11	
48	227	HOWARD	TX										5.73E+06	1.71E+05	.03	
48	229	HUDSPETH	TX				1.21E+06	1.50E+06	1.24				4.51E+06	8.93E+05	.20	
48	231	HUNT	TX				3.24E+05	1.81E+05	.56	2.92E+05	2.13E+04	.07	1.67E+07	1.74E+06	.10	3.54E+05
48	233	HUTCHINSON	TX							1.26E+04	2.00E+03	.13	3.92E+07	6.29E+06	.16	
48	235	IRION	TX													
48	237	JACK	TX							1.41E+06	7.00E+03		4.65E+06	5.36E+05	.12	
48	239	JACKSON	TX							4.30E+07	2.41E+07	.56	3.31E+06	7.90E+05	.24	
48	241	JASPER	TX							1.39E+05	7.00E+04	.51	8.75E+04	1.16E+04	.13	3.10E+05
48	243	JEFF DAVIS	TX										6.70E+03	1.20E+03	.18	
48	245	JEFFERSON	TX							8.17E+07	3.67E+07	.45	7.89E+05	9.71E+04	.12	
48	247	JIM HOGG	TX							9.70E+06	1.07E+07	1.10	1.68E+04	4.00E+03	.24	
48	249	JIM WELLS	TX				8.01E+05	1.03E+06	1.29	1.59E+06	1.67E+06	1.05	3.12E+06	6.28E+05	.20	
48	251	JOHNSON	TX				1.52E+05	2.35E+05	1.54	6.80E+06	8.28E+05	.12	8.99E+06	9.19E+05	.10	1.37E+05
48	253	JONES	TX							2.00E+06	2.14E+05	.11	6.27E+07	4.41E+06	.07	
48	255	KARNES	TX				1.81E+03	1.00E+03	.50	5.66E+05	9.40E+04	.17	3.79E+07	3.17E+06	.08	
48	257	KAUFMAN	TX				2.83E+05	9.80E+04	.35	9.31E+04	1.05E+05	1.13	5.34E+06	4.73E+05	.09	1.48E+04
48	259	KENDALL	TX							7.28E+04	4.00E+04	.55	1.56E+06	1.35E+05	.09	
48	261	KENEDY	TX													
48	263	KENT	TX							8.40E+05	4.30E+04	.05	2.56E+06	2.48E+05	.10	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
48	265	KERR	TX							6.21E+05	9.00E+03	.01	1.75E+06	1.46E+05	.08	
48	267	KIMBLE	TX				6.36E+04	2.60E+04	.41	6.06E+06	8.50E+04	.01	6.20E+05	1.73E+05	.28	
48	269	KING	TX							4.72E+04	1.30E+04	.27	2.60E+06	1.81E+05	.07	
48	271	KINNEY	TX										1.87E+06	3.52E+05	.19	
48	273	KLEBERG	TX				1.15E+06	1.68E+06	1.47	3.84E+05	4.17E+05	1.09	1.34E+06	1.75E+05	.13	
48	275	KNOX	TX				5.49E+04	1.05E+05	1.91	6.28E+06	1.24E+07	1.97	1.00E+08	9.42E+06	.67	
48	277	LAMAR	TX							8.56E+06	1.11E+06	.13	9.44E+06	1.12E+06	.12	2.60E+05
48	279	LAMB	TX				1.86E+06	2.04E+06	1.09	9.97E+06	1.33E+06	.13	5.90E+07	1.78E+07	.31	
48	281	LAMPASAS	TX				1.62E+05	5.30E+04	.32	4.85E+06	2.17E+05	.04	5.59E+06	4.94E+05	.09	
48	283	LA SALLE	TX				6.19E+05	1.36E+06	2.20	1.78E+07	7.73E+06	.43	4.54E+06	5.31E+05	.12	2.98E+05
48	285	LAVACA	TX				5.67E+04	7.00E+04	1.24	1.02E+07	4.48E+06	.44	5.67E+06	1.28E+06	.23	
48	287	LEE	TX							2.80E+07	3.19E+06	.11	2.37E+06	4.44E+05	.19	
48	289	LEON	TX							8.78E+05	5.01E+05	.57	6.23E+05	6.95E+04	.11	
48	291	LIBERTY	TX							4.44E+07	2.10E+07	.47	4.64E+06	7.98E+05	.17	
48	293	LIMESTONE	TX				3.24E+04	4.00E+04	1.24	7.18E+06	1.20E+06	.17	5.17E+06	4.86E+05	.07	
48	295	LIPSCOMB	TX										1.39E+08	1.12E+07	.08	
48	297	LIVE OAK	TX										1.52E+07	1.76E+06	.12	2.30E+04
48	299	LLANO	TX							2.23E+06	2.72E+05	.12	1.88E+05	1.62E+04	.09	1.07E+05
48	301	LOVING	TX							1.00E+00			2.15E+04	1.60E+03	.07	
48	303	LUBBOCK	TX				6.11E+05	4.92E+05	.81	5.57E+06	1.76E+06	.32	3.60E+07	3.62E+06	.10	
48	305	LYNN	TX							7.75E+04	3.40E+04	.43	1.41E+07	8.57E+05	.06	
48	307	MC CULLOCH	TX							3.23E+06	8.19E+05	.25	1.75E+07	1.53E+06	.09	
48	309	MC LENNAN	TX	1.20E+04	1.30E+04	1.09	8.76E+04	8.50E+04	.97	3.71E+06	1.18E+06	.32	2.56E+07	3.11E+06	.12	7.17E+04
48	311	MC MULLEN	TX										8.29E+05	3.48E+04	.04	
48	313	MADISON	TX							1.90E+05	1.94E+05	1.02	3.39E+05	6.73E+04	.20	
48	315	MARION	TX							2.63E+05	2.83E+05	1.07			.19	
48	317	MARTIN	TX										9.98E+06	4.25E+05	.04	
48	319	MASON	TX							4.22E+07	6.24E+06	.28	1.37E+05	1.93E+04	.14	
48	321	MATAGORDA	TX							6.19E+07	3.18E+07	.51	5.04E+06	1.01E+06	.20	
48	323	MAVERICK	TX										3.88E+06	7.01E+05	.18	
48	325	MEDINA	TX	1.63E+06	4.57E+06	2.81	1.99E+06	2.32E+06	1.17	1.42E+07	8.31E+06	.59	2.55E+07	4.78E+06	.19	3.55E+05
48	327	MENARD	TX							5.99E+06	9.30E+04	.02	1.64E+06	1.48E+05	.09	
48	329	MIDLAND	TX							4.17E+05	1.00E+04	.02	2.55E+06	1.25E+05	.05	
48	331	MILAM	TX				9.31E+04	1.15E+05	1.24	1.07E+07	3.78E+06	.35	1.10E+07	1.72E+06	.16	
48	333	MILLS	TX				1.42E+05	1.50E+04	.11	1.29E+07	7.36E+05	.06	6.95E+06	5.37E+05	.08	
48	335	MITCHELL	TX										7.81E+06	4.54E+05	.06	
48	337	MONTAGUE	TX				9.36E+05	4.38E+05	.47	1.23E+07	1.81E+06	.15	6.96E+06	1.00E+06	.14	
48	339	MONTGOMERY	TX							9.62E+04	3.40E+04	.36	1.34E+04	2.00E+03	.15	
48	341	MOORE	TX							8.59E+05	4.84E+05	.56	9.07E-07	1.97E+07	.22	
48	343	MORRIS	TX							4.25E+03	4.00E+03	1.01	9.56E+04	1.28E+0	.13	
48	345	MOTLEY	TX							2.02E+06	3.38E+05	.17	8.96E+06	5.42E+05	.06	
48	347	NACOGDOCHES	TX				1.33E+05	1.53E+05	1.15	2.35E+06	2.31E+06	.98	9.70E+05	2.89E+05	.30	6.43E+03
48	349	NAVARRO	TX				1.85E+05	2.20E+04	.12	1.45E+06	5.00E+03		1.24E+07	1.36E+06	.11	3.40E+04
48	351	NEWTON	TX							1.57E+05	5.00E+04	.32	1.24E+04	9.00E+02	.07	
48	353	NOLAN	TX							2.30E+06	4.00E+04	.02	9.19E+06	6.08E+05	.06	
48	355	NUECES	TX							4.05E+03	3.00E+03	.67	1.17E+07	2.69E+06	.23	
48	357	OCHILTREE	TX							1.71E+06	5.37E+05	.31	2.31E+08	2.26E+07	.10	
48	359	OLDHAM	TX										2.27E+07	2.03E+06	.09	
48	361	ORANGE	TX							2.85E+06	1.11E+06	.39	9.85E+05	1.55E+05	.16	
48	363	PALO PINTO	TX				1.75E+05	7.00E+03	.04	1.02E+07	4.32E+05	.04	5.04E+06	5.30E+05	.11	
48	365	PANOLA	TX							1.83E+05	1.82E+05	.99	2.65E+04	2.40E+03	.09	
48	367	PARKER	TX				1.61E+06	4.29E+05	.27	2.48E+07	4.64E+06	.19	1.79E+06	1.94E+05	.11	
48	369	PARMER	TX	3.41E+06	9.54E+06	2.80	2.59E+06	2.83E+06	1.09	1.06E+07	1.11E+07	1.05	5.44E+08	6.32E+07	.39	
48	371	PECOS	TX							3.20E+06	3.84E+06	1.20	1.41E+07	1.91E+06	.14	
48	373	POLK	TX							2.70E+04	8.00E+03	.28	1.55E+04	1.10E+03	.07	
48	375	POTTER	TX										1.02E+07	1.31E+06	.13	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
48	377	PRESIDIO	TX							5.55E+06	7.99E+06	1.44	3.41E+05	4.84E+04	.14	2.44E+04
48	379	RAINS	TX				5.67E+04	9.00E+04	1.42	1.44E+06	9.71E+05	.67	2.39E+05	1.68E+04	.07	
48	381	RANDALL	TX							3.58E+06	1.83E+06	.51	6.36E+07	8.40E+06	.13	
48	383	REAGAN	TX										8.80E+05	6.18E+04	.07	
48	385	REAL	TX							8.14E+05	6.00E+03	.01	5.21E+03	2.60E+03	.50	
48	387	RED RIVER	TX				2.91E+05	3.45E+05	1.18	3.43E+05	1.34E+05	.36	5.29E+06	7.23E+05	.14	
48	389	REEVES	TX							2.80E+06	4.77E+06	1.71	2.23E+07	3.82E+06	.17	
48	391	REFUGIO	TX										3.27E+06	9.24E+05	.28	
48	393	ROBERTS	TX										2.63E+07	2.31E+06	.09	
48	395	ROBERTSON	TX				3.26E+05	3.34E+05	1.02	6.27E+06	3.80E+06	.61	3.33E+06	5.33E+05	.16	
48	397	ROCKWALL	TX							4.03E+03	6.00E+03	1.57	2.94E+06	3.07E+05	.10	
48	399	RUNNELS	TX							1.02E+06	2.48E+05	.24	3.43E+07	2.68E+06	.07	
48	401	RUSK	TX				2.83E+05	8.50E+04	.30	4.72E+06	5.12E+06	1.09	2.88E+05	4.29E+04	.15	
48	403	SABINE	TX							6.31E+03		.04				
48	405	SAN AUGUSTIN	TX				8.09E+03	1.00E+04	1.24	1.38E+06	1.43E+06	1.04				
48	407	SAN JACINTO	TX							5.26E+04	1.60E+04	.31	1.55E+05	1.44E+04	.09	
48	409	SAN PATRICIO	TX										1.14E+07	2.22E+06	.19	
48	411	SAN SABA	TX							4.20E+07	2.74E+06	.07	8.44E+06	7.47E+05	.09	
48	413	SCHLEICHER	TX							3.53E+05	2.00E+03	.01	2.04E+06	1.33E+05	.07	
48	415	SCURRY	TX							5.67E+04			7.57E+06	4.63E+05	.06	
48	417	SHACKELFORD	TX							1.76E+05	1.00E+03		2.12E+07	1.68E+06	.08	
48	419	SHELBY	TX				4.05E+04	2.30E+04	.57	2.35E+06	1.61E+06	.69	2.80E+05	4.48E+04	.16	
48	421	SHERMAN	TX							1.23E+06	1.09E+05	.09	1.54E+08	2.50E+07	.16	
48	423	SMITH	TX				4.94E+06	1.10E+06	.22	8.00E+06	4.15E+06	.52	4.33E+05	1.09E+05	.25	
48	425	SOMERVELL	TX				1.69E+04	1.00E+03	.08	1.02E+07	1.02E+06	.10	2.82E+05	4.21E+04	.15	
48	427	STARR	TX	4.88E+06	1.08E+07	2.21	4.53E+06	4.70E+06	1.04	1.48E+07	1.87E+07	1.27	7.69E+05	1.88E+05	.24	
48	429	STEPHENS	TX							2.90E+06	1.18E+05	.04	1.01E+07	8.58E+05	.09	
48	431	STERLING	TX												.11	
48	433	STONEWALL	TX							5.13E+06	2.13E+05	.04	1.61E+07	1.36E+06	.08	
48	435	SUTTON	TX										6.24E+05	2.82E+04	.05	
48	437	SWISHER	TX							3.09E+05	3.30E+04	.11	1.10E+08	1.68E+07	.15	
48	439	TARRANT	TX	8.50E+05	1.03E+06	1.21	4.61E+05	7.48E+05	1.62	9.34E+05	3.75E+05	.40	1.62E+07	2.34E+06	.14	1.30E+04
48	441	TAYLOR	TX							5.48E+05	1.20E+04	.02	5.57E+07	4.09E+06	.07	
48	443	TERRELL	TX													
48	445	TERRY	TX							1.74E+06	9.41E+05	.54	2.74E+07	2.22E+06	.08	
48	447	THROCKMORTON	TX										4.44E+07	3.97E+06	.09	
48	449	TITUS	TX							5.31E+04	3.50E+04	.66	1.69E+06	2.30E+05	.14	
48	451	TOM GREEN	TX				6.07E+04	1.26E+05	2.07	6.74E+05	1.50E+04	.02	1.32E+07	9.71E+05	.07	
48	453	TRAVIS	TX							8.46E+05	1.20E+04	.01	4.58E+06	8.26E+05	.18	3.89E+04
48	455	TRINITY	TX							8.09E+03	3.00E+03	.33				
48	457	TYLER	TX	2.40E+04	2.60E+04	1.09	5.67E+04	7.00E+04	1.24	2.90E+05	1.40E+05	.48	1.02E+06	2.74E+04	.27	
48	459	UPSHUR	TX							2.86E+06	3.18E+06	1.11	3.81E+05	5.71E+04	.15	
48	461	UPTON	TX										9.96E+05	2.44E+04	.02	
48	463	UVALDE	TX	5.22E+06	8.39E+06	1.61	2.46E+06	2.20E+06	.89	1.11E+07	1.67E+07	1.51	1.81E+07	2.44E+06	.13	1.02E+05
48	465	VAL VERDE	TX										5.35E+04	1.04E+04	.19	
48	467	VAN ZANDT	TX	6.90E+04	7.50E+04	1.09	1.20E+06	1.65E+06	1.38	9.91E+06	8.34E+06	.84	1.72E+06	2.72E+05	.16	
48	469	VICTORIA	TX				4.05E+03	2.00E+03	.50	6.77E+06	3.30E+06	.49	1.62E+06	4.16E+05	.26	
48	471	WALKER	TX							2.39E+04	5.00E+03	.20	1.07E+05	1.08E+04	.10	
48	473	WALLER	TX				8.09E+03	7.00E+03	.82	2.81E+07	1.13E+07	.40	1.41E+06	2.37E+05	.17	
48	475	WARD	TX										4.21E+04	2.40E+03	.06	
48	477	WASHINGTON	TX							4.89E+05	7.60E+04	.15	1.94E+06	4.84E+05	.25	
48	479	WEBB	TX							1.74E+06	3.49E+06	2.00	3.43E+05	6.83E+04	.20	
48	481	WHARTON	TX	2.00E+04	5.70E+04	2.80	2.43E+04	2.80E+04	1.14	8.99E+07	5.13E+07	.57	1.38E+07	4.39E+06	.32	
48	483	WHEELER	TX							5.47E+04	1.00E+03	.01	4.43E+07	4.64E+06	.10	
48	485	WICHITA	TX							2.63E+05	2.00E+03	.01	9.76E+07	1.55E+07	.16	
48	487	WILBARGER	TX							1.32E+06	5.80E+05	.44	1.40E+08	1.95E+07	.14	

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
48	489	WILLACY	TX	2.81E+06	7.88E+06	2.80				3.00E+07	3.10E+07	1.04	8.51E+06	1.31E+06	.15	
48	491	WILLIAMSON	TX				8.02E+03	1.00E+03	.09	1.06E+06	3.30E+04	.03	2.41E+07	3.91E+06	.16	9.80E+04
48	493	WILSON	TX				2.51E+05	4.80E+05	1.91	5.01E+07	9.47E+06	.19	2.03E+07	1.97E+06	.10	9.84E+02
48	495	WINKLER	TX													
48	497	WISE	TX							2.22E+07	3.03E+06	.14	1.34E+07	1.79E+06	.13	
48	499	WOOD	TX				2.14E+05	3.59E+05	1.67	9.37E+06	9.14E+06	.97	3.77E+05	9.35E+04	.25	
48	501	YOAKUM	TX							2.78E+05	4.60E+04	.17	1.23E+07	1.05E+06	.08	
48	503	YOUNG	TX							1.53E+06	1.20E+04	.01	6.81E+07	7.66E+04	.11	
48	505	ZAPATA	TX													
48	507	ZAVALA	TX	1.22E+07	2.15E+07	1.77	3.02E+06	3.31E+06	1.09	1.00E+07	1.80E+07	1.80	1.07E+07	2.87E+06	.27	
49	0		UT	1.98E+06	4.86E+06	2.45	3.94E+07	3.65E+07	.93	1.55E+08	1.10E+08	.71	5.22E+08	1.11E+08	.21	1.26E+06
49	1	BEAVER	UT							3.24E+03	1.01E+06	3.13	2.63E+06	8.72E+05	.33	
49	3	BOX ELDER	UT				8.45E+06	9.43E+06	1.12	4.15E+07	2.95E+07	.71	1.48E+08	2.75E+07	.19	
49	5	CACHE	UT				1.17E+06	6.46E+05	.55	9.81E+06	6.16E+06	.63	8.11E+07	1.62E+07	.20	
49	7	CARBON	UT							9.11E+05	4.01E+05	.44	1.18E+06	3.06E+05	.26	
49	9	DAGGETT	UT										7.32E+04	4.90E+03	.07	
49	11	DAVIS	UT	8.90E+04	1.07E+05	1.20	5.02E+06	3.96E+06	.79	1.34E+07	2.38E+07	1.78	6.53E+06	1.92E+06	.29	
49	13	DUCHESNE	UT							2.02E+04	1.60E+04	.80	6.01E+06	1.44E+06	.24	3.11E+04
49	15	EMERY	UT							1.21E+05	2.40E+05	1.98	2.98E+06	8.50E+05	.29	2.51E+04
49	17	GARFIELD	UT							5.26E+04	1.04E+05	1.99	1.53E+06	3.26E+05	.21	
49	19	GRAND	UT				3.60E+05	5.06E+05	1.40	1.38E+05	2.69E+05	1.96	1.93E+05	5.41E+04	.28	
49	21	IRON	UT							9.85E+06	2.42E+07	2.45	1.62E+07	5.62E+06	.35	
49	23	JUAB	UT							1.62E+04	2.10E+04	1.30	1.65E+07	2.01E+06	.12	
49	25	KANE	UT				2.83E+04	1.80E+04	.64	8.09E+03	9.00E+03	1.12	2.98E+04	8.20E+03	.28	
49	27	MILLARD	UT							1.96E+06	1.53E+06	.78	4.73E+07	1.16E+07	.24	3.74E+05
49	29	MORGAN	UT							4.86E+04	8.60E+04	1.78	3.60E+06	1.02E+06	.28	
49	31	PIUTE	UT										7.72E+05	2.26E+05	.29	
49	33	RICH	UT				1.90E+05	4.10E+04	.22				9.43E+06	1.58E+06	.17	
49	35	SALT LAKE	UT	1.48E+06	3.61E+06	2.43	8.10E+05	1.18E+06	1.46	6.19E+06	6.01E+06	.97	2.27E+07	5.57E+06	.25	6.39E+04
49	37	SAN JUAN	UT							5.00E+07	1.72E+06	.03	4.42E+07	4.25E+06	.10	
49	39	SANPETE	UT							4.37E+05	1.13E+05	.26	1.89E+07	4.24E+06	.22	
49	41	SEVIER	UT							2.83E+04	5.10E+04	1.80	1.14E+07	4.13E+06	.36	
49	43	SUMMIT	UT							1.62E+04	4.80E+04	2.95	2.05E+06	4.47E+05	.22	
49	45	TOOELE	UT							2.43E+04	1.00E+04	.42	7.74E+06	1.32E+06	.17	
49	47	UINTAH	UT							1.21E+04	1.00E+04	.84	5.28E+06	1.05E+06	.20	
49	49	UTAH	UT	5.30E+04	1.65E+05	3.13	1.98E+07	1.77E+07	.89	9.43E+06	4.61E+06	.49	4.51E+07	1.25E+07	.28	1.07E+05
49	51	WASATCH	UT										3.35E+06	8.52E+05	.25	
49	53	WASHINGTON	UT				6.76E+05	9.08E+05	1.34	4.09E+05	6.51E+05	1.59	2.78E+06	7.62E+06	.24	
49	55	WAYNE	UT							4.05E+05	7.03E+05	1.74	3.28E+06	1.10E+06	.34	
49	57	WEBER	UT	5.70E+04	1.77E+05	3.13	1.70E+06	1.31E+06	.77	8.38E+06	7.82E+06	.93	6.84E+06	2.22E+06	.32	1.10E+04
50	0		VT	1.30E+05	3.58E+05	2.76	1.77E+07	2.51E+07	1.42	7.89E+06	1.44E+07	1.83	4.36E+06	1.58E+06	.36	1.09E+05
50	1	ADDISON	VT				6.60E+06	1.01E+07	1.53	2.19E+05	2.38E+05	1.09	1.90E+06	5.73E+05	.30	6.13E+04
50	3	BENNINGTON	VT				1.97E+06	2.45E+06	1.24	3.36E+05	5.90E+05	1.76	1.72E+05	7.96E+04	.46	
50	5	CALEDONIA	VT	1.60E+04	5.10E+04	3.13	7.69E+04	1.12E+05	1.46	1.44E+06	3.84E+06	2.67	1.56E+05	4.12E+04	.26	
50	7	CHITTENDEN	VT	1.60E+04	4.30E+04	2.65	3.74E+05	7.71E+05	2.06	1.12E+06	1.70E+06	1.52	4.54E+05	1.76E+05	.39	4.40E+02
50	9	ESSEX	VT							3.28E+05	7.79E+05	2.38	3.42E+04	3.70E+03	.11	

APPENDIX B (CONTINUED)

ST	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	AREA M**2	PRODUCTION KG	PRODUCTIVITY KG/M**2	PROD. KG
50	11	FRANKLIN	VT				8.09E+03	3.30E+04	4.10	2.14E+05	2.49E+05	1.16	4.13E+05	9.93E+04	.24	
50	13	GRAND ISLE	VT				5.26E+05	1.28E+06	2.44	1.09E+05	1.20E+05	1.10	2.85E+05	1.74E+05	.61	
50	15	LAMOILLE	VT	1.20E+04	3.00E+04	2.44	7.69E+04	1.12E+05	1.46	7.16E+05	1.17E+06	1.64	1.29E+05	4.88E+04	.38	
50	17	ORANGE	VT				3.93E+05	3.41E+05	.87	1.58E+05	3.32E+05	2.11	1.18E+05	9.15E+04	.78	6.35E+02
50	19	ORLEANS	VT				4.05E+03	1.70E+04	4.10	8.94E+05	2.37E+06	2.65	1.97E+05	4.18E+04	.21	
50	21	RUTLAND	VT				2.98E+06	2.26E+06	.76	8.09E+05	1.13E+06	1.39	2.53E+05	1.40E+05	.55	
50	23	WASHINGTON	VT				3.84E+05	3.56E+05	.93	5.42E+05	7.07E+05	1.30	1.17E+05	2.10E+04	.18	
50	25	WINDHAM	VT	4.90E+04	1.52E+05	3.13	2.92E+06	5.48E+06	1.88	5.58E+05	6.37E+05	1.14				
50	27	WINDSOR	VT				8.76E+05	1.39E+06	1.58	4.09E+05	4.48E+05	1.10	1.27E+05	5.64E+04	.44	
51	0		VA	2.21E+07	3.94E+07	1.78	2.14E+08	2.66E+08	1.24	4.72E+08	2.93E+08	.62	7.61E+08	2.40E+08	.31	6.25E+05
51	1	ACCOMACK	VA	7.51E+06	1.06E+07	1.41	2.70E+07	2.42E+07	.90	6.92E+07	1.11E+08	1.60	2.37E+07	7.03E+06	.30	
51	3	ALBEMARLE	VA				6.27E+06	8.69E+06	1.38	2.83E+05	3.53E+05	1.25	3.49E+06	1.15E+06	.33	
51	5	ALLEGHANY	VA							1.21E+04	9.00E+03	.73	1.52E+05	5.40E+04	.35	
51	7	AMELIA	VA							1.50E+05	1.92E+05	1.28	1.82E+07	4.50E+06	.25	
51	9	AMHERST	VA	4.00E+03	1.10E+04	2.63	2.17E+06	1.59E+06	.73	8.09E+04	6.10E+04	.75	5.24E+05	2.00E+05	.38	
51	11	APPOMATTOX	VA				9.09E+03	9.00E+03	1.13	1.13E+05	1.49E+05	1.31	5.63E+06	1.55E+06	.28	1.58E+03
51	13	ARLINGTON	VA													
51	15	AUGUSTA	VA	2.40E+04	6.40E+04	2.63	2.75E+06	2.24E+06	.82	4.96E+05	3.47E+05	.71	1.79E+07	6.35E+06	.35	
51	17	BATH	VA							3.44E+05	2.08E+05	.60	2.63E+05	9.64E+04	.37	
51	19	BEDFORD	VA				2.21E+06	2.50E+06	1.13	2.19E+05	3.15E+05	1.44	7.58E+06	2.41E+06	.32	
51	21	BLAND	VA				3.67E+04	4.50E+04	1.22	2.06E+05	2.36E+05	1.14	7.37E+05	2.39E+05	.32	
51	23	BOTETOURT	VA				3.30E+06	7.08E+06	2.14	3.04E+05	2.97E+05	.98	2.37E+06	8.66E+05	.37	
51	25	BRUNSWICK	VA				2.02E+04	1.80E+04	.90	1.08E+06	2.61E+05	.24	1.09E+07	2.50E+06	.23	
51	27	BUCHANAN	VA							2.83E+04	3.30E+04	1.18	7.86E+05	2.00E+05	.25	
51	29	BUCKINGHAM	VA							1.62E+04	3.50E+04	2.17	5.01E+06	1.32E+06	.26	
51	31	CAMPBELL	VA				1.34E+05	2.09E+05	1.56	5.79E+05	3.77E+05	.65	9.39E+06	2.25E+06	.24	7.84E+02
51	33	CAROLINE	VA				3.83E+04	5.10E+04	1.79	3.36E+05	5.96E+05	1.77	1.38E+07	5.67E+06	.30	
51	35	CARROLL	VA	2.96E+06	7.78E+06	2.63	4.64E+06	4.57E+06	.99	4.82E+05	5.75E+05	1.19	7.32E+05	2.69E+05	.40	
51	36	CHARLES CITY	VA							9.71E+04	9.70E+04	1.00	1.33E+07	3.82E+06	.29	
51	37	CHARLOTTE	VA				2.31E+04	2.00E+04	.88	1.90E+05	1.46E+05	.77	9.63E+06	2.77E+06	.29	
51	41	CHESTERFIELD	VA	2.40E+04	3.70E+04	1.30	7.16E+04	8.80E+04	1.23	1.05E+05	1.15E+05	1.09	2.85E+06	7.06E+05	.25	
51	43	CLARKE	VA				1.17E+07	2.12E+07	1.81				5.35E+06	1.69E+06	.32	2.81E+05
51	45	CRAIG	VA							2.02E+04	1.90E+04	.94	4.13E+05	2.43E+05	.59	
51	47	CULPEPER	VA							4.05E+03	1.00E+03	.36	1.05E+07	3.91E+06	.37	
51	49	CUMBERLAND	VA							2.43E+04	4.40E+04	1.83	4.36E+06	1.25E+06	.29	
51	51	DICKENSON	VA							1.58E+05	1.56E+05	.99	9.23E+04	2.82E+04	.53	
51	53	DINWIDDIE	VA				7.28E+04	5.30E+04	.72	1.18E+07	2.76E+06	.23	1.29E+07	3.75E+06	.29	
51	57	ESSEX	VA				6.07E+04	1.15E+05	1.90	3.44E+04	2.40E+04	.65	2.20E+07	6.63E+06	.30	
51	59	FAIRFAX	VA				1.91E+05	2.96E+05	1.56	6.68E+05	6.45E+05	.97	8.77E+05	3.00E+05	.34	
51	61	FAUQUIER	VA				2.48E+05	2.82E+05	1.14	5.67E+04	9.80E+04	1.73	1.53E+07	5.15E+06	.34	6.16E+02
51	63	FLOYD	VA	2.02E+05	5.32E+05	2.63	1.26E+06	1.14E+06	.91	3.88E+05	5.60E+05	1.44	5.95E+05	2.11E+05	.35	1.96E+03
51	65	FLUVANNA	VA							6.56E+05	3.06E+05	.47	1.36E+06	3.36E+05	.25	
51	67	FRANKLIN	VA				3.82E+06	6.55E+06	1.71	1.97E+05	1.91E+05	.97	6.38E+06	1.96E+06	.31	
51	69	FREDERICK	VA				3.70E+07	5.45E+07	1.47	8.50E+04	1.25E+05	1.47	4.70E+06	1.23E+06	.26	
51	71	GILES	VA				9.61E+05	9.06E+05	1.62	1.50E+05	1.35E+05	.90	2.63E+05	1.16E+05	.44	
51	73	GLOUCESTER	VA							1.62E+04	1.40E+04	.90	7.83E+06	2.86E+06	.36	
51	75	GOOCHLAND	VA							2.43E+04	2.00E+04	.82	5.56E+06	1.31E+06	.24	
51	77	GRAYSON	VA	1.15E+06	3.02E+06	2.63	4.45E+04	5.80E+04	1.32	3.16E+05	3.99E+05	1.26	3.26E+05	8.70E+04	.27	
51	79	GREENE	VA							1.62E+05	3.90E+04	.24	1.11E+06	3.66E+05	.33	
51	81	GREENSVILLE	VA				1.13E+05	1.31E+05	1.15	2.94E+07	6.66E+06	.23	7.44E+06	2.22E+06	.29	
51	83	HALIFAX	VA				2.12E+05	2.30E+05	1.08	6.55E+05	5.31E+05	.81	1.47E+07	3.66E+06	.25	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
51	85	HANOVER	VA	8.66E+05	1.12E+06	1.29	1.57E+06	2.32E+06	1.48	2.01E+06	2.98E+06	1.48	2.13E+07	5.33E+06	.25	
51	87	HENRICO	VA							4.86E+04	1.11E+05	2.30	7.96E+06	2.29E+06	.29	
51	89	HENRY	VA				3.64E+04	3.20E+04	.87	3.16E+05	3.20E+05	1.01	1.96E+06	5.17E+05	.26	
51	91	HIGHLAND	VA							4.86E+04	5.20E+04	1.07	1.46E+05	4.21E+04	.29	
51	93	ISLE OF WIGH	VA							5.19E+07	1.25E+07	.24	1.49E+07	6.55E+06	.44	
51	95	JAMES CITY	VA	4.90E+04	1.22E+05	2.51	6.07E+04	6.10E+04	1.00	7.85E+05	1.40E+06	1.79	6.76E+06	2.01E+06	.30	
51	97	KING AND QUE	VA				8.50E+04	1.30E+05	1.53	2.63E+05	2.36E+05	.90	1.59E+07	4.73E+06	.30	
51	99	KING GEORGE	VA				8.54E+05	1.21E+06	1.42	1.54E+05	2.18E+05	1.42	9.24E+06	2.82E+06	.31	
51	101	KING WILLIAM	VA				3.58E+05	1.96E+05	.76	1.30E+05	2.29E+05	1.53	1.47E+07	4.06E+06	.28	
51	103	LANCASTER	VA				5.71E+05	1.08E+06	1.90	2.43E+04	2.50E+04	1.01	1.22E+07	3.76E+06	.31	
51	105	LEE	VA				9.35E+04	1.22E+05	1.32	4.94E+05	4.66E+05	.94	1.59E+06	6.54E+05	.41	1.37E+03
51	107	LOUDOUN	VA				9.71E+04	1.02E+05	1.05	6.31E+05	4.62E+05	.73	2.04E+07	7.00E+06	.34	
51	109	LOUISA	VA							2.83E+04	1.50E+04	.54	5.77E+06	1.48E+06	.26	
51	111	LUNENBERG	VA				5.67E+04	3.50E+04	.62	1.54E+05	1.58E+05	1.03	6.44E+06	1.51E+06	.23	
51	113	MADISON	VA				3.11E+06	3.11E+06	1.00	4.05E+03	4.00E+03	.99	6.42E+06	2.51E+06	.39	
51	115	MATHEWS	VA				3.29E+04	5.60E+04	1.69				2.40E+06	7.36E+05	.31	
51	117	MECKLENBURG	VA				2.83E+05	2.77E+05	.98	4.29E+05	6.34E+05	1.48	1.32E+07	3.82E+06	.23	
51	119	MIDDLESEX	VA				3.30E+05	6.07E+05	1.90	2.02E+04	3.00E+04	1.50	1.09E+07	3.32E+06	.30	
51	121	MONTGOMERY	VA				1.61E+05	2.70E+05	1.67	3.64E+04	4.70E+04	1.29	1.57E+06	4.80E+05	.31	
51	123	NANSEMOND	VA	4.23E+06	5.50E+06	1.30	5.10E+05	1.78E+05	.35	4.44E+07	1.06E+07	.24	1.87E+07	7.19E+06	.38	
51	125	NELSON	VA				7.05E+06	8.85E+06	1.26	3.64E+04	1.70E+04	.46	1.47E+06	4.94E+05	.33	
51	127	NEW KENT	VA				1.25E+05	2.38E+05	1.90	4.25E+05	7.63E+05	1.80	6.54E+06	2.00E+06	.31	
51	131	NORTHAMPTON	VA	1.30E+06	3.41E+06	2.27	3.47E+07	3.94E+07	1.14	4.99E+07	6.72E+07	1.35	1.73E+07	4.51E+06	.26	
51	133	NORTHUMBERLA	VA				6.11E+05	1.16E+06	1.90	1.34E+06	2.23E+06	1.66	2.42E+07	7.89E+06	.33	
51	135	NOTTOWAY	VA							1.21E+05	1.15E+05	.95	7.70E+06	1.93E+06	.25	
51	137	ORANGE	VA				8.86E+05	9.61E+05	1.08	5.67E+04	7.30E+04	1.29	7.00E+06	2.25E+06	.32	
51	139	PAGE	VA				2.35E+05	2.04E+05	.87	7.28E+04	7.60E+04	1.04	6.45E+06	1.90E+06	.30	
51	141	PATRICK	VA	3.24E+05	8.51E+05	2.63	4.32E+06	5.14E+06	1.19	3.60E+05	2.34E+05	.65	2.36E+06	7.75E+05	.33	1.33E+03
51	143	PITTSYLVANIA	VA	1.20E+04	2.10E+04	1.71	3.59E+05	2.47E+05	.69	1.13E+06	9.44E+05	.83	2.09E+07	4.78E+06	.23	1.78E+04
51	145	POWHATAN	VA							2.63E+04	1.11E+05	3.93	3.18E+06	8.29E+05	.26	
51	147	PRINCE EDWAR	VA							1.66E+05	1.13E+05	.68	7.23E+06	1.94E+06	.27	
51	149	PRINCE GEORG	VA				1.21E+04	1.16E+04	.87	1.03E+07	3.47E+06	.34	8.24E+06	2.62E+06	.32	
51	153	PRINCE WILLI	VA							2.02E+04	2.00E+04	1.00	3.86E+06	1.13E+06	.29	1.04E+03
51	155	PULASKI	VA							2.43E+04	7.10E+04	2.94	1.28E+06	4.82E+05	.38	
51	157	RAPPAHANNOCK	VA				7.96E+04	7.98E+04	1.00	6.07E+04	2.50E+04	.41	1.54E+06	4.60E+05	.30	
51	159	RICHMOND	VA				4.61E+05	8.77E+05	1.90	2.27E+05	2.70E+05	1.19	1.71E+07	5.69E+06	.33	
51	161	ROANOKE	VA	1.90E+05	5.00E+05	2.63	3.48E+06	4.84E+06	1.39	4.49E+05	4.81E+05	1.07	1.22E+06	3.86E+05	.32	
51	163	ROCKBRIDGE	VA							6.88E+04	4.90E+04	.71	2.76E+06	9.69E+05	.35	
51	165	ROCKINGHAM	VA				7.40E+06	1.08E+07	1.46	1.17E+05	1.47E+05	1.42	1.73E+07	6.34E+06	.36	1.71E+05
51	167	RUSSELL	VA				8.09E+03	2.00E+03	.25	4.49E+05	4.28E+05	.95	9.55E+05	4.03E+05	.42	2.17E+03
51	169	SCOTT	VA				3.53E+05	5.57E+05	1.58	4.37E+05	5.06E+05	1.11	7.41E+05	2.99E+05	.40	1.43E+03
51	171	SHENANDOAH	VA				7.33E+06	1.23E+07	1.68	1.54E+05	1.86E+05	1.21	8.36E+06	2.74E+06	.33	
51	173	SMYTH	VA	4.69E+05	1.23E+06	2.63	3.85E+06	6.90E+06	1.79	1.98E+05	2.54E+05	1.28	1.38E+06	5.73E+05	.42	
51	175	SOUTHAMPTON	VA							1.04E+08	3.07E+07	.29	2.31E+07	9.80E+06	.42	
51	177	SPOTSYLVANIA	VA							3.64E+04	1.11E+05	3.06	7.38E+06	2.34E+06	.30	
51	179	STAFFORD	VA							2.43E+04	5.90E+04	2.44	2.79E+06	8.57E+05	.31	
51	181	SURRY	VA							2.45E+07	6.08E+06	.25	9.06E+06	4.00E+06	.44	
51	183	SUSSEX	VA							4.34E+07	1.07E+07	.25	1.22E+07	4.58E+06	.38	4.54E+03
51	185	TAZEWELL	VA							2.10E+05	2.82E+05	1.34	9.82E+05	4.01E+05	.41	
51	187	WARREN	VA				2.70E+06	3.35E+06	1.24	8.09E+03	6.00E+03	.74	1.58E+06	4.46E+05	.28	
51	191	WASHINGTON	VA				9.74E+04	8.00E+04	.82	3.88E+05	5.00E+05	1.29	3.45E+06	1.42E+06	.41	
51	193	WESTMORELAND	VA				1.08E+06	2.06E+06	1.90	3.12E+05	2.97E+05	.95	2.45E+07	8.00E+06	.33	
51	195	WISE	VA				7.18E+05	7.35E+05	1.02	2.02E+04	2.10E+04	1.04	2.95E+04	1.43E+04	.49	
51	197	WYTHE	VA	7.77E+05	2.04E+06	2.63	3.53E+05	4.58E+05	1.30	4.86E+04	6.20E+04	1.28	3.06E+06	1.08E+06	.35	
51	199	YORK	VA	7.30E+04	1.00E+05	1.37	2.19E+05	3.40E+05	1.56	3.56E+05	3.57E+05	1.00	3.60E+05	6.89E+04	.19	
51	710	NORFOLK CITY	VA	1.02E+06	1.32E+06	1.30	7.97E+05	3.41E+05	.43	1.53E+06	1.77E+06	1.15	1.83E+07	7.92E+06	.38	

ST	CO	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
53	010	VIRGINIA BEA	VA	3.12E+03	5.29E+05	1.70	1.05E+06	5.30E+05	.51	2.63E 06	3.15E+06	1.20	1.68E+07	5.39E+06	.34	
53	0		WA	2.00E+07	3.75E+07	1.87	4.18E+08	1.13E+09	1.83	1.69E+09	2.39E+09	1.42	4.02E+09	1.06E+09	.26	3.81E+06
53	1	ADAMS	WA				9.21E+05	3.32E+06	2.52	9.11E+07	2.30E+08	2.53	4.85E+08	1.07E+08	.22	
53	3	ASOTIN	WA				1.76E+05	1.97E+05	1.12	2.43E+04	3.60E+04	1.50	4.99E+07	1.08E+07	.22	
53	5	BENTON	WA				5.39E+07	7.24E+07	1.34	1.05E+08	3.57E+08	3.41	2.18E+08	3.94E+07	.18	7.13E+05
53	7	CHELAN	WA				7.17E+07	1.91E+08	2.67				4.10E+06	4.72E+05	.12	1.22E+03
53	9	CLALLAM	WA				6.76E+05	3.00E+05	.44	2.43E+04	1.90E+04	.77	1.25E+06	3.19E+05	.25	
53	11	CLARK	WA	1.90E+06	4.49E+06	2.36	4.29E+06	4.61E+06	1.07	6.48E+06	1.13E+07	1.75	5.45E+06	1.91E+06	.35	2.15E+03
53	13	COLUMBIA	WA				2.10E+07	9.12E+06	.43	8.63E+07	2.99E+07	.35	1.08E+08	3.90E+07	.37	
53	15	COWLITZ	WA				4.05E+05	3.01E+05	.74	6.76E+05	1.01E+06	1.49	2.30E+05	6.05E+04	.26	
53	17	DOUGLAS	WA				3.54E+07	8.61E+07	2.43	4.05E+03	1.00E+03	.17	3.03E+08	4.89E+07	.16	
53	19	FERRY	WA							1.01E+05	1.02E+05	1.01	4.12E+06	7.83E+05	.19	
53	21	FRANKLIN	WA				1.17E+07	6.31E+06	.54	1.21E+08	2.44E+08	2.02	2.00E+08	4.73E+07	.24	1.12E+05
53	23	GARFIELD	WA							7.09E+05	1.34E+05	.19	1.33E+08	3.77E+07	.28	
53	25	GRANT	WA				1.12E+07	2.38E+07	2.11	3.51E+08	8.66E+08	2.46	2.97E+08	9.03E+07	.30	9.59E+05
53	27	GRAYS HARBOR	WA				7.12E+05	6.87E+05	.96	3.97E+06	2.49E+06	.63	2.76E+05	9.81E+04	.36	
53	29	ISLAND	WA				5.54E+05	1.17E+06	2.11	2.96E+06	1.50E+06	.51	1.54E+06	5.16E+05	.33	
53	31	JEFFERSON	WA										4.11E+06	1.31E+06	.32	
53	33	KING	WA	1.78E+06	4.25E+06	2.39	3.71E+06	2.23E+06	.60	5.10E+06	5.75E+06	1.13	6.21E+06	1.21E+06	.19	1.35E+06
53	35	KITSAP	WA				3.16E+05	1.48E+05	.47	3.64E+06	2.80E+06	.77				
53	37	KITTITAS	WA				6.44E+05	1.20E+06	1.86	1.54E+07	2.32E+07	1.51	1.46E+07	4.48E+06	.31	1.89E+05
53	39	KLICKITAT	WA	3.48E+05	1.11E+06	3.20	5.77E+06	7.04E+06	1.22	1.86E+06	2.77E+06	1.49	8.24E+07	1.50E+07	.18	
53	41	LEWIS	WA				9.97E+05	4.67E+05	.47	1.07E+07	8.21E+06	.77	3.85E+06	1.18E+06	.31	9.55E+03
53	43	LINCOLN	WA							8.98E+06	2.47E+06	.28	5.99E+08	1.49E+08	.25	
53	45	MASON	WA							2.43E+05	3.98E+05	1.64	2.37E+04	8.70E+03	.37	
53	47	OKANOGAN	WA				5.93E+07	1.31E+08	2.20	7.45E+05	1.22E+06	1.64	2.01E+07	2.90E+06	.14	7.53E+04
53	49	PACIFIC	WA				3.39E+06	3.23E+06	.95				1.58E+05	6.16E+04	.40	
53	51	PEND OREILLE	WA							2.43E+04	4.00E+04	1.64	1.31E+06	3.63E+05	.28	
53	53	PIERCE	WA	3.18E+06	8.70E+06	2.74	8.82E+06	7.90E+06	.90	2.76E+06	5.17E+06	1.87	9.95E+05	2.34E+05	.23	
53	55	SAN JUAN	WA										1.15E+06	2.70E+05	.24	
53	57	SKAGIT	WA	7.94E+06	7.93E+06	1.00	1.17E+07	1.35E+07	1.16	1.11E+08	9.06E+07	.82	1.00E+07	3.90E+06	.39	
53	59	SKAMANIA	WA				1.15E+06	1.67E+06	1.45							
53	61	SNOHOMISH	WA	3.44E+05	4.31E+05	1.25	1.87E+06	1.39E+06	.74	3.51E+07	2.53E+07	.72	8.64E+05	3.48E+05	.40	7.26E+02
53	63	SPOKANE	WA	6.31E+05	1.75E+06	2.77	3.90E+06	3.51E+06	.90	8.48E+07	2.20E+07	.26	2.47E+08	6.91E+07	.28	2.81E+04
53	65	STEVENS	WA				2.44E+05	2.44E+05	1.00	1.00E+06	2.98E+06	2.98	3.82E+07	8.26E+06	.22	
53	67	THURSTON	WA				1.39E+06	7.16E+05	.45	2.58E+06	2.99E+06	1.16	1.99E+05	5.14E+04	.26	
53	69	WAHKIAKUM	WA													
53	71	WALLA WALLA	WA	1.79E+06	4.72E+06	2.63	1.83E+07	9.19E+06	.50	1.20E+08	1.46E+08	1.21	3.41E+08	1.04E+08	.30	2.22E+05
53	73	WHATCOM	WA	7.30E+04	2.05E+05	2.82	1.44E+07	1.09E+07	.76	4.90E+07	8.05E+07	1.64	1.25E+06	3.73E+05	.30	
53	75	WHITMAN	WA							3.30E+08	6.84E+07	.21	7.56E+08	2.42E+08	.32	
53	77	YAKIMA	WA	3.40E+05	9.59E+05	2.82	2.69E+08	5.33E+08	2.01	1.26E+08	1.54E+08	1.22	9.48E+07	3.17E+07	.33	1.16E+06
54	0		WV	8.50E+04	2.66E+05	3.13	7.25E+07	8.06E+07	1.11	9.27E+06	9.63E+06	1.04	4.61E+07	1.57E+07	.34	1.57E+05
54	1	BARBOUR	WV							1.34E+05	1.19E+05	.89	1.77E+08	5.51E+04	.31	
54	3	BERKELEY	WV				3.04E+07	3.39E+07	1.18	3.68E+05	2.70E+05	.73	7.28E+06	2.29E+06	.31	
54	5	BOONE	WV							7.69E+04	1.73E+05	2.24				
54	7	BRAXTON	WV				1.31E+05	2.03E+05	1.55	6.07E+04	7.60E+04	1.24	6.98E+04	4.17E+04	.60	

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
54	9	BROOKE	WV							2.02E+04	1.20E+04	.58	5.02E+05	1.73E+05	.34	
54	11	CABELL	WV				5.24E+04	1.27E+05	2.41	1.46E+05	9.90E+04	.68	1.71E+05	7.81E+04	.46	
54	13	CALHOUN	WV				5.64E+04	1.03E+05	1.83	7.69E+04	8.60E+04	1.11				
54	15	CLAY	WV							9.09E+03	1.00E+04	1.23				
54	17	DODDRIDGE	WV							5.26E+04	4.20E+04	.79	5.24E+04	1.65E+04	.31	
54	19	FAYETTE	WV				2.02E+04	5.30E+04	2.63	6.98E+04	1.32E+05	1.91	1.30E+05	3.36E+04	.26	
54	21	GILMER	WV							2.67E+05	1.26E+05	.47	1.74E+05	6.44E+04	.37	
54	23	GRANT	WV							1.54E+05	2.10E+05	1.37	1.02E+06	3.32E+05	.33	
54	25	GREENBRIER	WV				1.42E+05	2.00E+04	.14	1.17E+05	8.20E+04	.70	1.56E+06	5.66E+05	.36	2.66E+02
54	27	HAMPSHIRE	WV				1.89E+07	1.98E+07	1.05	8.01E+05	6.97E+05	.87	1.95E+06	6.29E+05	.32	
54	29	HANCOCK	WV				1.26E+06	1.31E+06	1.05	3.80E+05	3.02E+05	.79	2.14E+05	6.47E+04	.30	
54	31	HARDY	WV				1.30E+06	6.46E+05	.43	1.01E+05	1.40E+05	1.39	3.15E+06	1.37E+06	.44	
54	33	HARRISON	WV							3.64E+04	4.10E+04	1.11	1.52E+05	3.84E+04	.25	
54	35	JACKSON	WV				4.86E+04	2.10E+04	.43	3.20E+05	3.32E+05	1.04	5.99E+05	1.89E+05	.31	
54	37	JEFFERSON	WV				1.16E+07	1.25E+07	1.08				1.12E+07	3.72E+06	.33	1.93E+03
54	39	KANAWHA	WV				3.64E+04	1.12E+05	3.07	2.02E+04	1.50E+04	.75	3.67E+04	1.43E+04	.39	
54	41	LEWIS	WV				5.43E+04	3.00E+04	.56	9.31E+04	1.55E+05	1.66	2.00E+05	6.42E+04	.32	
54	43	LINCOLN	WV				8.09E+03	3.30E+04	4.10	1.38E+05	1.52E+05	1.10	1.73E+05	4.67E+04	.27	
54	45	LOGAN	WV							1.62E+04	1.30E+04	.83				
54	47	MC DOWELL	WV													
54	49	MARION	WV							1.34E+05	1.21E+05	.90	6.91E+04	2.74E+04	.40	
54	51	MARSHALL	WV				1.58E+05	2.31E+05	1.47	6.88E+04	4.70E+04	.69	4.02E+05	1.28E+05	.32	
54	53	MASON	WV				4.45E+04	1.90E+04	.43	1.54E+05	1.30E+05	.85	3.32E+06	1.21E+06	.36	
54	55	MERCER	WV							1.86E+05	2.65E+05	1.42	1.65E+05	5.44E+04	.33	
54	57	MINERAL	WV				3.12E+05	3.15E+05	1.01	5.50E+05	4.00E+05	.73	9.44E+05	3.15E+05	.33	
54	59	MINGO	WV							4.05E+03	2.00E+03	.51				
54	61	MONONGALIA	WV							2.83E+04	4.00E+04	1.40	1.41E+05	4.45E+04	.32	
54	63	MONROE	WV				4.05E+03	1.00E+03	.25	1.17E+05	9.70E+04	.82	1.83E+06	5.91E+05	.32	
54	65	MORGAN	WV				3.50E+04	3.66E+04	1.05	2.43E+04	2.80E+04	1.15	1.22E+06	2.76E+05	.23	
54	67	NICHOLAS	WV				2.88E+04	3.20E+04	1.12	3.12E+05	6.72E+05	2.16	3.20E+05	9.38E+04	.29	
54	69	OHIO	WV							9.31E+04	1.90E+05	2.04	6.76E+05	2.33E+05	.35	
54	71	PENDLETON	WV				3.96E+04	7.00E+03	.18	3.28E+05	3.51E+05	1.07	1.51E+06	5.40E+05	.36	
54	73	PLEASANTS	WV							2.83E+04	1.50E+04	.53	1.06E+05	4.18E+04	.39	
54	75	POCAHONTAS	WV							1.25E+05	2.10E+05	1.68	4.93E+05	1.87E+05	.38	
54	77	PRESTON	WV				3.52E+04	5.10E+04	1.44	7.53E+05	9.26E+05	1.23	1.87E+06	5.91E+05	.32	6.02E+02
54	79	PUTNAM	WV				6.73E+04	1.19E+05	1.77	3.97E+05	3.68E+05	.93	9.96E+05	2.91E+05	.29	
54	81	RALEIGH	WV				1.21E+04	5.00E+04	4.10	1.86E+05	4.20E+05	2.26	4.14E+04	1.54E+04	.37	
54	83	RANDOLPH	WV							2.91E+05	3.39E+05	1.16	4.44E+05	2.04E+05	.46	2.00E+04
54	85	RITCHIE	WV							1.62E+05	9.30E+04	.57	4.83E+04	1.71E+04	.35	
54	87	ROANE	WV				4.05E+03	1.00E+03	.28	1.54E+05	1.15E+05	.74	8.74E+03	5.00E+02	.06	
54	89	SUMMERS	WV				4.62E+04	6.50E+04	1.42	1.29E+05	2.20E+05	1.70	2.33E+05	6.88E+04	.30	
54	91	TAYLOR	WV							5.26E+04	6.80E+04	1.28	1.07E+05	4.55E+04	.42	
54	93	TUCKER	WV				3.12E+04	7.00E+03	.23	5.26E+04	6.90E+04	1.31	2.47E+05	9.02E+04	.37	
54	95	TYLER	WV							5.26E+04	4.30E+04	.82	3.48E+05	1.45E+05	.42	
54	97	UPSHUR	WV				2.83E+04	1.20E+04	.43	2.79E+05	2.38E+05	.85	5.94E+04	2.62E+04	.44	
54	99	WAYNE	WV							1.90E+05	1.33E+05	.70	2.55E+05	9.51E+04	.37	
54	101	WEBSTER	WV							2.47E+05	3.22E+05	1.30	1.43E+04	4.50E+03	.31	
54	103	WETZEL	WV							2.83E+04	2.00E+04	.72	7.75E+04	1.86E+04	.24	
54	105	WIRT	WV							4.05E+04	2.70E+04	.68	9.44E+04	3.81E+04	.40	
54	107	WOOD	WV				4.45E+04	1.83E+05	4.10	1.38E+05	1.09E+05	.79	8.04E+05	2.92E+05	.36	
54	109	WYOMING	WV							1.21E+04	4.00E+03	.31				

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES			EXPOSED PRODUCE			PROTECTED PRODUCE			GRAIN FOR FOOD			HONEY
				AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	AREA M##2	PRODUCTION KG	PRODUCTIVITY KG/M##2	PROD. KG
55	0		WI	4.46E+07	1.72E+08	3.86	3.64E+08	2.77E+08	.76	1.30E+09	1.41E+09	1.08	1.49E+09	5.31E+08	.36	4.76E+06
55	1	ADAMS	WI				1.46E+07	8.64E+06	.59	1.80E+07	4.29E+07	2.38	8.55E+06	2.74E+06	.32	
55	3	ASHLAND	WI							4.05E+03	5.00E+03	1.29	1.37E+06	2.58E+05	.19	
55	5	BARRON	WI				8.39E+06	4.77E+06	.57	9.47E+06	1.63E+07	1.72	2.02E+07	5.09E+06	.25	6.89E+04
55	7	BAYFIELD	WI				1.37E+06	8.20E+05	.60	3.28E+05	4.34E+05	1.32	1.63E+06	2.98E+05	.18	
55	9	BROWN	WI	2.02E+05	6.54E+05	3.23	4.39E+06	5.44E+06	.78	1.56E+07	1.04E+07	.67	1.96E+07	5.89E+06	.30	3.77E+05
55	11	BUFFALO	WI				2.02E+04	8.30E+04	4.10	4.01E+05	7.40E+05	1.85	2.15E+07	7.63E+06	.36	1.06E+04
55	13	BURNETT	WI				1.44E+06	8.23E+05	.57	1.62E+04	6.00E+03	.36	3.63E+06	7.27E+05	.20	
55	15	CALUMET	WI				4.09E+05	3.43E+05	.84	3.21E+07	1.24E+07	.56	1.73E+07	5.83E+06	.34	1.10E+05
55	17	CHIPPEWA	WI				4.73E+06	2.90E+06	.61	3.85E+06	6.99E+05	.18	2.19E+07	5.21E+06	.24	2.57E+04
55	19	CLARK	WI				5.67E+04	6.50E+04	1.14	7.79E+06	3.41E+06	.44	2.48E+07	6.37E+06	.26	3.87E+04
55	21	COLUMBIA	WI	2.55E+06	1.14E+07	4.46	1.76E+06	2.60E+06	1.48	9.40E+07	7.54E+07	.80	5.01E+07	2.00E+07	.40	1.15E+05
55	23	CRAWFORD	WI				5.14E+06	7.47E+06	1.45	2.91E+05	1.75E+05	.60	1.49E+07	6.34E+06	.43	7.22E+04
55	25	DANE	WI	6.10E+04	2.29E+05	3.78	1.45E+06	2.10E+06	1.45	7.00E+07	4.71E+07	.67	8.58E+07	3.62E+07	.42	1.45E+05
55	27	DODGE	WI	4.33E+05	1.92E+06	4.43	9.52E+05	9.84E+05	1.03	1.56E+08	1.11E+08	.71	5.57E+07	2.24E+07	.40	1.77E+04
55	29	DOOR	WI	1.20E+04	5.40E+04	4.46	2.08E+07	1.23E+07	.59	6.38E+06	3.31E+06	.52	1.31E+07	3.39E+06	.26	7.73E+03
55	31	DOUGLAS	WI							7.69E+04	1.90E+05	2.47	3.13E+05	4.46E+04	.14	
55	33	DUNN	WI				1.24E+07	8.41E+06	.68	1.56E+07	2.80E+06	.18	3.31E+07	8.97E+06	.27	1.26E+05
55	35	EAU CLAIRE	WI	3.20E+04	1.44E+05	4.46	4.98E+05	5.67E+05	1.14	1.24E+07	4.31E+06	.35	1.78E+07	5.15E+06	.29	2.44E+03
55	37	FLORENCE	WI							1.53E+06	4.06E+06	2.66	7.62E+05	1.63E+05	.21	
55	39	FOND DU LAC	WI				5.58E+06	4.34E+06	.78	1.43E+08	9.69E+07	.68	4.51E+07	1.71E+07	.38	2.27E+05
55	41	FOREST	WI							1.25E+05	1.82E+05	1.45	5.95E+05	1.13E+05	.19	
55	43	GRANT	WI							2.72E+06	1.57E+06	.58	6.35E+07	3.09E+07	.49	1.34E+04
55	45	GREEN	WI							6.80E+05	6.16E+05	.91	3.45E+07	1.15E+07	.33	1.19E+05
55	47	GREEN LAKE	WI				4.96E+05	5.93E+05	.85	3.48E+07	2.33E+07	.67	1.82E+07	7.97E+06	.44	
55	49	IOWA	WI							1.78E+07	1.59E+07	.89	3.20E+07	1.44E+07	.45	5.36E+03
55	51	IRON	WI							1.21E+06	2.45E+06	2.03	3.90E+05	5.80E+04	.15	
55	53	JACKSON	WI	9.30E+04	4.15E+05	4.46	5.25E+06	7.25E+06	1.38	8.73E+06	5.95E+06	.68	1.47E+07	4.71E+06	.32	4.16E+04
55	55	JEFFERSON	WI				6.15E+05	6.70E+05	1.09	3.00E+07	5.11E+07	1.70	3.61E+07	1.43E+07	.40	9.98E+04
55	57	JUNEAU	WI				2.99E+05	3.77E+05	1.26	5.13E+06	3.92E+06	.76	1.41E+07	5.09E+06	.36	8.10E+04
55	59	KENOSHA	WI	2.51E+06	1.11E+07	4.42	1.53E+06	2.45E+06	1.77	4.85E+06	5.90E+06	1.22	2.05E+07	5.88E+06	.29	1.28E+04
55	61	KEWAUNEE	WI				3.59E+06	2.85E+06	.79	8.07E+06	3.01E+06	.37	1.75E+07	4.91E+06	.28	8.02E+04
55	63	LA CROSSE	WI	9.30E+04	4.15E+05	4.46	2.49E+06	1.65E+06	.66	4.99E+06	3.09E+06	.62	1.43E+07	6.72E+06	.47	2.13E+03
55	65	LAFAYETTE	WI							1.21E+04	1.00E+04	.84	4.72E+07	2.25E+07	.48	1.51E+05
55	67	LANGLADE	WI				7.36E+06	4.20E+06	.57	4.64E+07	1.11E+08	2.40	4.23E+06	1.49E+06	.24	
55	69	LINCOLN	WI							7.97E+05	2.27E+06	2.85	3.99E+06	9.67E+05	.24	8.31E+03
55	71	MANITOWOC	WI				1.33E+07	7.67E+06	.58	2.97E+07	2.16E+07	.73	2.71E+07	8.20E+06	.30	4.23E+04
55	73	MARATHON	WI				1.52E+06	9.55E+05	.63	1.16E+07	2.53E+07	2.18	2.93E+07	7.54E+06	.26	6.64E+04
55	75	MARINETTE	WI	1.98E+05	3.19E+05	1.61	3.10E+06	2.55E+06	.82	1.22E+07	9.99E+06	.82	8.90E+06	3.00E+06	.34	
55	77	MARQUETTE	WI	8.05E+05	2.51E+06	3.11	1.54E+06	2.36E+06	1.53	1.21E+07	4.25E+07	3.51	1.22E+07	4.23E+06	.35	
55	79	MILWAUKEE	WI	7.12E+05	2.48E+06	3.47	1.35E+06	2.58E+06	1.91	2.36E+06	2.30E+06	.97	2.34E+06	4.57E+05	.20	
55	81	MONROE	WI	2.00E+04	2.10E+04	1.05	5.14E+06	7.61E+06	1.48	8.38E+05	7.59E+05	.91	1.98E+07	7.79E+06	.39	2.92E+04
55	83	OCONTO	WI	5.10E+05	1.63E+06	3.20	1.45E+07	8.71E+06	.60	1.58E+07	1.33E+07	.84	1.77E+07	6.79E+06	.38	4.48E+04
55	85	ONEIDA	WI				1.95E+06	2.34E+06	1.20	1.63E+07	3.11E+07	1.91	1.91E+06	2.50E+05	.13	
55	87	OUTAGAMIE	WI	8.69E+06	3.78E+07	4.35	2.66E+06	2.40E+06	.90	2.40E+07	1.68E+07	.70	2.93E+07	1.04E+07	.35	1.21E+05
55	89	OZAUKEE	WI	1.05E+06	4.06E+06	3.86	5.14E+06	4.48E+06	.87	2.39E+07	1.79E+07	.75	1.22E+07	3.84E+06	.31	
55	91	PEPIN	WI				6.99E+04	1.00E+04	.14	2.67E+05	6.59E+05	2.47	9.83E+06	2.83E+06	.29	
55	93	PIERCE	WI				1.32E+06	7.88E+05	.60	4.86E+05	1.61E+05	.33	3.36E+07	9.87E+06	.29	8.78E+04
55	95	POLK	WI				8.60E+06	4.90E+06	.57	2.36E+06	1.57E+06	.67	2.20E+07	5.49E+06	.25	1.62E+05
55	97	PORTAGE	WI				3.90E+07	2.53E+07	.65	6.84E+07	2.28E+08	3.33	1.77E+07	5.13E+06	.29	1.34E+04
55	99	PRICE	WI							8.50E+04	5.00E+04	.59	2.11E+06	4.61E+05	.22	
55	101	RACINE	WI	1.25E+07	5.55E+07	4.45	1.69E+06	2.74E+06	1.62	7.85E+06	1.41E+07	1.80	3.24E+07	8.34E+06	.26	
55	103	RICHLAND	WI				6.40E+05	9.84E+05	1.54	1.91E+06	1.47E+06	.77	1.53E+07	6.58E+06	.43	2.44E+04
55	105	ROCK	WI	5.70E+04	2.53E+05	4.46	1.07E+06	2.05E+06	1.91	2.95E+07	1.74E+07	.59	7.05E+07	2.68E+07	.38	2.19E+05
55	107	RUSK	WI				1.86E+05	3.34E+05	1.80	1.21E+04	1.20E+04	.95	5.90E+06	1.37E+06	23	2.42E+04

IS	IC	COUNTY NAME	ST	LEAFY VEGETABLES AREA M**2	LEAFY VEGETABLES PRODUCTION KG	LEAFY VEGETABLES PRODUCTIVITY KG/M**2	EXPOSED PRODUCE AREA M**2	EXPOSED PRODUCE PRODUCTION KG	EXPOSED PRODUCE PRODUCTIVITY KG/M**2	PROTECTED PRODUCE AREA M**2	PROTECTED PRODUCE PRODUCTION KG	PROTECTED PRODUCE PRODUCTIVITY KG/M**2	GRAIN FOR FOOD AREA M**2	GRAIN FOR FOOD PRODUCTION KG	GRAIN FOR FOOD PRODUCTIVITY KG/M**2	HONEY PROD. KG
55	109	ST CROIX	WI	6.90E+04	3.07E+05	4.46	9.02E+06	5.33E+06	.59	2.51E+07	1.57E+07	.63	3.86E+07	9.76E+06	.25	8.19E+04
55	111	SAUK	WI				5.11E+05	7.77E+05	1.52	2.84E+07	3.64E+07	1.28	3.58E+07	1.60E+07	.45	7.69E+05
55	113	SAWYER	WI				9.06E+05	1.27E+06	1.40				1.29E+06	3.15E+05	.24	
55	115	SHAWANO	WI	1.98E+05	8.84E+05	4.46	1.97E+06	1.16E+06	.59	2.39E+06	2.90E+06	1.22	2.08E+07	7.68E+06	.37	3.09E+04
55	117	SHEBOYGAN	WI	3.40E+05	1.06E+06	3.12	1.13E+07	7.33E+06	.65	5.98E+07	4.30E+07	.72	2.48E+07	8.27E+06	.33	3.21E+04
55	119	TAYLOR	WI							8.09E+03	7.00E+03	.87	8.27E+06	1.72E+06	.21	9.71E+03
55	121	TREMPEALEAU	WI				1.96E+06	1.66E+06	.84	1.20E+07	3.96E+06	.33	2.64E+07	8.94E+06	.34	1.07E+05
55	123	VERNON	WI				1.21E+06	9.00E+03	.74	1.13E+05	1.98E+05	1.75	2.13E+07	9.33E+06	.44	2.45E+04
55	125	VILAS	WI				4.58E+06	2.52E+06	1.59	1.38E+06	3.66E+06	2.64	1.96E+05	2.65E+04	.13	
55	127	WALWORTH	WI	2.75E+05	1.21E+06	4.41	1.14E+06	1.21E+06	1.07	3.39E+07	3.60E+07	1.06	4.56E+07	1.75E+07	.38	1.35E+03
55	129	WASHBURN	WI				1.31E+06	1.07E+06	.82	5.26E+05	1.77E+06	3.37	2.78E+06	6.02E+05	.22	
55	131	WASHINGTON	WI	1.10E+06	4.83E+06	4.38	1.05E+06	1.13E+06	1.08	2.28E+07	2.59E+07	1.13	2.19E+07	7.42E+06	.34	1.87E+05
55	133	WAUKESHA	WI	6.96E+05	2.12E+06	3.04	2.63E+06	4.49E+06	1.71	1.72E+07	2.69E+07	1.56	2.10E+07	7.39E+06	.35	5.82E+03
55	135	WAUPACA	WI	4.98E+05	2.21E+06	4.43	1.37E+06	1.50E+06	1.09	1.51E+07	2.94E+07	1.95	2.00E+07	6.44E+06	.32	7.50E+03
55	137	WAUSHARA	WI	4.50E+04	1.99E+05	4.44	6.09E+07	5.15E+07	.64	3.11E+07	4.44E+07	1.42	1.57E+07	5.39E+06	.34	1.93E+05
55	139	WINNEBAGO	WI	6.50E+04	2.52E+05	3.89	1.11E+06	1.67E+06	1.50	3.02E+07	1.84E+07	.61	2.70E+07	9.14E+06	.34	1.61E+05
55	141	WOOD	WI				1.34E+07	1.60E+07	1.20	2.28E+06	6.33E+05	.28	1.19E+07	3.56E+06	.30	3.67E+04
56	0		WY							3.06E+08	1.67E+08	.54	5.89E+08	1.21E+08	.21	1.95E+06
56	1	ALBANY	WY										1.79E+06	2.50E+03		
56	3	BIG HORN	WY							5.43E+07	2.46E+07	.45	3.19E+07	9.64E+06	.30	4.37E+05
56	5	CAMPBELL	WY							4.05E+03	2.00E+03	.51	4.37E+07	5.84E+06	.14	7.32E+03
56	7	CARBON	WY										6.02E+06	9.81E+05	.16	
56	9	CONVERSE	WY							1.42E+06	2.72E+05	.19	7.50E+06	1.07E+06	.14	
56	11	CROOK	WY							5.26E+04	6.50E+04	1.23	2.75E+07	4.51E+06	.16	
56	13	FREMONT	WY							6.19E+06	2.70E+06	.44	2.36E+07	7.60E+06	.32	8.32E+05
56	15	GOSHEN	WY							8.95E+07	4.65E+07	.52	8.77E+07	1.63E+07	.19	
56	17	HOT SPRINGS	WY										2.84E+06	7.42E+05	.26	
56	19	JOHNSON	WY							8.09E+03	5.00E+03	.67	5.07E+06	9.71E+05	.19	
56	21	LARAMIE	WY							1.55E+07	2.67E+07	1.72	1.46E+08	2.46E+07	.17	
56	23	LINCOLN	WY										3.41E+07	7.23E+06	.21	
56	25	NATRONA	WY										1.18E+06	2.18E+05	.19	5.69E+04
56	27	NIOBRARA	WY										2.23E+07	2.99E+06	.13	
56	29	PARK	WY							7.47E+07	3.06E+07	.41	4.56E+07	1.67E+07	.37	1.64E+05
56	31	PLATTE	WY							1.81E+07	6.52E+06	.36	5.77E+07	9.27E+06	.16	1.01E+05
56	33	SHERIDAN	WY							1.21E+04	3.00E+03	.28	1.91E+07	3.60E+06	.19	9.03E+04
56	35	SUBLETTE	WY										3.66E+04	7.80E+03	.21	
56	37	SWEETWATER	WY							2.43E+04	1.80E+04	.75	5.38E+05	6.88E+04	.13	
56	39	TETON	WY							4.05E+04	9.10E+04	2.25	1.05E+06	2.34E+05	.22	
56	41	UINTA	WY							1.21E+04	1.10E+04	.94	9.96E+05	2.10E+05	.21	
56	43	WASHAKIE	WY							4.43E+07	2.32E+07	.52	2.21E+07	7.74E+06	.35	
56	45	WESTON	WY							2.83E+04	4.70E+04	1.67	3.64E+06	3.57E+05	.10	
		U.S. TOTAL		2.18E+09	5.32E+09	2.44	1.12E+10	1.85E+10	1.65	1.12E+10	3.90E+10	.91	1.28E+11	2.96E+10	.23	1.07E+08

APPENDIX C

Annual Production and Areal Yield or Productivity of Livestock Feed, Estimates of Feed Fractions for Cattle, and Estimated Number of Frost-Free Days

APPENDIX C. Annual Production and Areal Yield or Productivity of Livestock Feed, Estimates of Feed Fractions for Cattle, and Estimated Number of Frost-Free Days

Appendix C details the production, areal yield or productivity, estimated cattle feed fractions for the four categories of livestock feeds, and estimated number of frost-free days for calculation of the number of harvests per year of pasture and hay. The sum of county production may be less than state totals because of disclosure protocols. All statistics for pasture have been estimated from the pasture areas (Appendix A) and numbers of cattle and sheep (Appendix D) for each county (see Section 5.1). *Pasture production refers to the annual estimated quantity consumed by all livestock in the county, not the potential or maximum production of pasture possible.* Therefore, pasture areal yield refers to pasture actively being grazed by livestock. Areal yields were calculated according to Eq. (5). Estimated areal yields of pasture less than 0.005 kg/yr/m^2 are not shown. Estimates of average standing crop biomass may be determined from areal yields by dividing by the number of harvests per year [Eq. (7)].

The number of harvests per year may be estimated from the number of frost-free days according to the method suggested in Section 5.0 (pp. 54-55). The estimated number of frost-free days by county were derived from the "mean length of freeze-free period" as reported in the *Climatic Atlas of the United States* for over 200 U.S. weather stations (USDOC, 1977).[a] The means (in number of days) are for the period 1921-1950. The values for each county are weighted averages of means for the three weather stations nearest the county centroid. The weighting factors for each weather station mean are inversely proportional to the distance from the weather station to the county centroid.

The feed fractions refer to cattle feed only (see Section 5.4). Counties that show no grain production nevertheless have assigned grain

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[a]U.S. Department of Commerce. 1977. *Climatic Atlas of the United States.* Environmental Science Services Administration, Environmental Data Service. June 1968. Reprinted by the National Oceanic and Atmospheric Administration, 1977. p. 32.

feed fractions if cattle are reported in the county. These grain fractions (of total cattle feed) are required to meet the estimated needs shown in Table 17, and grain is presumed to be imported if insufficient grain is grown within the county.

APPENDIX C. ANNUAL PRODUCTION AND AREAL YIELD OR PRODUCTIVITY OF LIVESTOCK FEED, ESTIMATES OF FEED FRACTIONS FOR CATTLE, AND ESTIMATED NUMBER OF FROST-FREE DAYS.

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	HAY PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
1	0		AL	5.79E+09	.25	.801	6.40E+08	.03	.088	8.68E+08	.43	.090	2.03E+08	.68	.021	
1	1	AUTAUGA	AL	5.47E+07	.21	.730	8.05E+06	.26	.059	2.09E+07	.63	.209	1.13E+05	.33	.001	267
1	3	BALDWIN	AL	1.38E+08	.62	.810	5.91E+07	.25	.113	9.21E+06	.39	.040	8.18E+06	.77	.036	293
1	5	BARBOUR	AL	1.04E+08	.23	.836	8.99E+06	.19	.059	1.68E+07	.62	.101	7.03E+05	.80	.004	272
1	7	BIBB	AL	3.60E+07	.28	.783	1.95E+05	.14	.043	9.44E+06	.61	.154				255
1	9	BLOUNT	AL	1.22E+08	.33	.797	4.73E+06	.25	.096	1.51E+07	.39	.073	6.92E+06	.70	.034	245
1	11	BULLOCK	AL	9.22E+07	.17	.844	5.01E+06	.19	.034	1.47E+07	.56	.100	9.69E+04	.07	.001	266
1	13	BUTLER	AL	7.22E+07	.20	.810	6.03E+06	.21	.072	1.25E+07	.58	.106	1.53E+06	.54	.013	288
1	15	CALHOUN	AL	6.74E+07	.32	.782	3.19E+06	.21	.093	1.14E+07	.33	.099	2.94E+06	.54	.025	239
1	17	CHAMBERS	AL	7.72E+07	.19	.827	1.73E+06	.22	.074	1.23E+07	.48	.099	2.52E+04	.05		256
1	19	CHEROKEE	AL	5.34E+07	.24	.794	7.50E+06	.22	.087	7.12E+06	.43	.079	3.51E+06	.69	.039	237
1	21	CHILTON	AL	7.62E+07	.29	.814	4.92E+06	.27	.059	1.58E+07	.49	.127	4.38E+04	.05		259
1	23	CHOCTAW	AL	4.39E+07	.24	.816	2.22E+06	.23	.066	7.02E+06	.43	.097	1.44E+06	.57	.029	258
1	25	CLARKE	AL	4.33E+07	.21	.816	3.13E+06	.24	.063	9.41E+06	.42	.118	1.44E+05	.19	.002	280
1	27	CLAY	AL	5.39E+07	.29	.828	1.10E+06	.29	.095	6.77E+06	.34	.078				254
1	29	CLEBURNE	AL	3.13E+07	.29	.858	1.56E+06	.33	.070	3.26E+06	.40	.067	2.39E+05	.45	.005	239
1	31	COFFEE	AL	8.24E+07	.24	.785	1.88E+07	.20	.090	1.27E+07	.43	.091	4.77E+06	.66	.034	286
1	33	COLBERT	AL	7.66E+07	.26	.824	3.94E+06	.18	.079	9.50E+06	.36	.076	2.48E+06	.64	.020	234
1	35	CONECUH	AL	7.00E+07	.29	.823	1.27E+07	.26	.080	9.20E+06	.58	.091	1.81E+06	.64	.016	292
1	37	COOSA	AL	3.39E+07	.22	.863	3.95E+05	.31	.056	4.21E+06	.43	.080				258
1	39	COVINGTON	AL	1.14E+08	.28	.845	1.64E+07	.18	.061	1.50E+07	.42	.083	2.02E+06	.49	.011	292
1	41	CRENSHAW	AL	6.31E+07	.20	.789	1.37E+07	.25	.075	9.45E+06	.52	.186	5.51E+06	.67	.050	277
1	43	CULLMAN	AL	1.83E+08	.44	.824	1.24E+07	.26	.082	2.18E+07	.40	.073	5.98E+06	.70	.020	246
1	45	DALE	AL	5.97E+07	.23	.847	1.41E+07	.24	.063	7.15E+06	.43	.076	1.37E+06	.48	.014	285
1	47	DALLAS	AL	1.59E+08	.19	.819	1.36E+07	.22	.065	2.77E+07	.58	.137	2.44E+06	.63	.010	262
1	49	DE KALB	AL	1.32E+08	.36	.844	4.00E+07	.34	.076	1.50E+07	.36	.072	1.62E+06	.53	.007	234
1	51	ELMORE	AL	1.07E+08	.37	.748	4.79E+06	.21	.106	1.78E+07	.55	.094	9.84E+06	.82	.052	266
1	53	ESCAMBIA	AL	5.22E+07	.36	.734	2.48E+07	.28	.144	5.59E+06	.47	.059	5.96E+06	.78	.063	295
1	55	ETOWAH	AL	8.16E+07	.31	.776	6.29E+06	.23	.097	1.19E+07	.34	.085	5.92E+06	.70	.042	238
1	57	FAYETTE	AL	3.53E+07	.24	.780	3.34E+06	.21	.105	4.98E+06	.38	.082	1.96E+06	.61	.032	251
1	59	FRANKLIN	AL	9.67E+07	.28	.821	6.36E+06	.25	.080	1.09E+07	.35	.070	4.62E+06	.63	.029	235
1	61	GENEVA	AL	1.07E+08	.34	.760	3.13E+07	.20	.156	1.34E+07	.38	.071	2.50E+06	.40	.013	287
1	63	GREENE	AL	9.72E+07	.20	.828	2.52E+06	.20	.071	1.32E+07	.46	.085	2.60E+06	.63	.016	293
1	65	HALE	AL	1.09E+08	.25	.756	4.44E+06	.18	.118	1.71E+07	.36	.088	7.13E+06	.68	.037	255
1	67	HENRY	AL	7.10E+07	.30	.863	2.06E+07	.28	.069	5.92E+06	.45	.054	1.51E+06	.55	.013	291
1	69	HOUSTON	AL	1.25E+08	.44	.815	3.31E+07	.21	.088	1.18E+07	.32	.058	8.11E+06	.89	.040	293
1	71	JACKSON	AL	1.02E+08	.30	.798	3.30E+07	.25	.074	1.71E+07	.32	.100	4.69E+06	.83	.028	231
1	73	JEFFERSON	AL	3.87E+07	.32	.735	4.44E+05	.24	.140	6.43E+06	.39	.091	2.33E+06	.88	.033	244
1	75	LAMAR	AL	3.23E+07	.24	.765	2.95E+06	.17	.099	5.28E+06	.42	.094	2.33E+06	.69	.041	242
1	77	LAUDERDALE	AL	1.32E+08	.30	.817	9.00E+06	.15	.078	1.64E+07	.36	.076	6.09E+06	.84	.028	234
1	79	LAWRENCE	AL	1.36E+08	.29	.828	8.34E+06	.16	.064	1.85E+07	.36	.085	5.13E+06	.58	.023	233
1	81	LEE	AL	5.33E+07	.19	.821	1.88E+06	.19	.068	8.08E+06	.59	.094	1.56E+06	.57	.018	261
1	83	LIMESTONE	AL	1.05E+08	.30	.783	1.27E+07	.17	.100	1.44E+07	.33	.082	6.39E+06	.61	.036	232
1	85	LOWNDES	AL	1.45E+08	.16	.717	5.19E+06	.19	.208	1.99E+07	.52	.073	1.94E+05	.27	.001	276
1	87	MACON	AL	7.89E+07	.19	.787	4.54E+06	.17	.062	1.93E+07	.61	.144	8.62E+05	.72	.007	263
1	89	MADISON	AL	1.42E+08	.28	.782	1.73E+07	.20	.081	2.37E+07	.34	.097	9.50E+06	.77	.039	232
1	91	MARENGO	AL	1.61E+08	.22	.836	7.87E+06	.21	.070	2.10E+07	.38	.082	3.04E+06	.72	.012	255
1	93	MARION	AL	5.69E+07	.27	.831	5.95E+06	.21	.078	5.13E+06	.33	.056	3.25E+06	.83	.035	241
1	95	MARSHALL	AL	1.14E+08	.46	.828	1.78E+07	.25	.074	1.37E+07	.37	.075	4.24E+06	.65	.023	238
1	97	MOBILE	AL	8.03E+07	.37	.770	1.65E+07	.26	.119	8.81E+06	.44	.064	6.60E+06	.78	.047	295
1	99	MONROE	AL	7.50E+07	.26	.846	1.40E+07	.25	.064	8.26E+06	.60	.070	2.41E+06	.62	.020	292
1	101	MONTGOMERY	AL	2.31E+09	.22	.761	7.01E+06	.18	.100	4.88E+07	.51	.121	7.61E+06	.72	.019	277

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
1	103	MORGAN	AL	1.25E+08	.31	.813	6.29E+06	.19	.073	2.06E+07	.34	.100	2.87E+06	.61	.014	233
1	105	PERRY	AL	9.12E+07	.21	.719	8.38E+06	.19	.121	1.98E+07	.45	.117	7.14E+06	.65	.042	258
1	107	PICKENS	AL	6.75E+07	.27	.777	7.04E+06	.18	.100	1.12E+07	.52	.097	3.07E+06	.74	.026	252
1	109	PIKE	AL	1.13E+08	.18	.807	1.18E+07	.23	.070	2.10E+07	.65	.112	2.02E+06	.65	.010	276
1	111	RANDOLPH	AL	7.41E+07	.25	.889	3.10E+06	.29	.068	4.61E+06	.32	.041	2.30E+05	.40	.002	253
1	113	RUSSELL	AL	4.34E+07	.14	.745	4.38E+06	.19	.075	1.27E+07	.63	.163	1.31E+06	.73	.016	261
1	115	ST CLAIR	AL	6.73E+07	.28	.764	1.03E+06	.23	.082	1.30E+07	.40	.110	5.14E+06	.98	.043	248
1	117	SHELBY	AL	6.56E+07	.33	.729	1.23E+06	.17	.141	1.08E+07	.40	.091	4.76E+06	.68	.040	249
1	119	SUMTER	AL	1.23E+08	.19	.856	4.50E+06	.18	.053	1.73E+07	.39	.090	2.51E+05	.24	.001	252
1	121	TALLADEGA	AL	7.88E+07	.25	.770	4.17E+06	.19	.088	1.48E+07	.39	.109	4.53E+06	.59	.033	251
1	123	TALLAPOOSA	AL	4.43E+07	.21	.848	1.47E+05	.12	.066	6.01E+06	.56	.086				259
1	125	TUSCALOOSA	AL	6.55E+07	.23	.786	4.18E+06	.25	.082	1.32E+07	.43	.119	1.43E+06	.41	.013	252
1	127	WALKER	AL	4.68E+07	.34	.809	2.05E+06	.29	.089	7.72E+06	.32	.100	1.67E+05	.13	.00.	249
1	129	WASHINGTON	AL	4.30E+07	.17	.847	3.66E+06	.22	.061	6.16E+06	.45	.091	2.08E+04	.10		282
1	131	WILCOX	AL	9.39E+07	.18	.841	5.63E+06	.17	.060	1.40E+07	.42	.091	1.28E+06	.31	.008	274
1	133	WINSTON	AL	4.39E+07	.31	.790	1.65E+06	.24	.106	4.87E+06	.38	.066	2.81E+06	.98	.038	247
4			AZ	1.34E+09	.01	.318	1.99E+08	.44	.419	9.97E+08	1.27	.233	1.28E+08	1.23	.030	
4	1	APACHE	AZ	2.37E+08	.01	.899	9.48E+05	.40	.050	1.16E+07	.41	.051				152
4	3	COCHISE	AZ	2.04E+08	.03	.787	6.25E+07	.48	.063	4.09E+07	1.14	.118	1.10E+07	1.02	.032	259
4	5	COCONINO	AZ	1.85E+08	.01	.947			.048	7.64E+05	.58	.004				166
4	7	GILA	AZ	1.12E+08	.03	.947			.048	8.24E+05	.63	.005				214
4	9	GRAHAM	AZ	1.71E+08	.02	.864	3.07E+07	.50	.051	2.16E+07	1.13	.082	9.51E+05	.68	.004	256
4	11	GREENLEE	AZ	3.18E+07	.04	.800	1.46E+05	.21	.051	7.70E+06	1.06	.145	1.39E+05	1.29	.003	251
4	13	MARICOPA	AZ	5.30E+07	.01		4.83E+07	.43	.582	4.24E+08	1.28	.368	5.80E+07	1.27	.050	313
4	15	MOHAVE	AZ	1.46E+08	.02	.906	2.69E+04	.11	.051	8.09E+06	.59	.037	1.15E+06	1.10	.005	189
4	17	NAVAJO	AZ	2.01E+08	.01	.803	9.05E+04	.07	.054	8.54E+06	.56	.040	2.17E+07	.81	.103	178
4	19	PIMA	AZ	1.95E+08	.01	.780	6.93E+06	.39	.203	5.84E+06	.76	.017				292
4	21	PINAL	AZ				2.83E+07	.38	.899	6.68E+07	1.15	.094	4.72E+06	1.18	.007	273
4	23	SANTA CRUZ	AZ	9.22E+07	.08	.932	2.66E+05	.38	.048	1.91E+06	.71	.014	6.43E+05	.98	.005	282
4	25	YAVAPAI	AZ	2.09E+08	.02	.892	3.07E+05	.34	.056	1.24E+07	.70	.040	3.83E+06	1.09	.012	194
4	27	YUMA	AZ				1.77E+07	.39	.400	3.86E+08	1.57	.599				303
5	0		AR	5.07E+09	.23	.783	8.44E+08	.14	.080	1.11E+09	.38	.129	7.34E+07	.56	.008	
5	1	ARKANSAS	AR	2.95E+07	.25	.856	6.98E+07	.20	.049	2.81E+06	.36	.061	1.56E+06	.79	.034	244
5	3	ASHLEY	AR	3.29E+07	.27	.837	8.91E+06	.14	.060	5.42E+06	.55	.103				249
5	5	BAXTER	AR	4.60E+07	.18	.828	1.30E+04	.08	.075	7.17E+06	.37	.097				224
5	7	BENTON	AR	2.90E+08	.36	.776	9.40E+05	.18	.096	5.03E+07	.40	.121	3.18E+06	.63	.007	217
5	9	BOONE	AR	1.48E+08	.19	.821	9.30E+04	.14	.090	2.05E+07	.33	.085	9.54E+05	.37	.004	222
5	11	BRADLEY	AR	2.12E+07	.20	.792	2.49E+05	.19	.059	4.98E+06	.38	.139	3.45E+05	.81	.010	241
5	13	CALHOUN	AR	1.80E+07	.25	.797	2.36E+05	.33	.052	3.96E+06	.42	.131	5.77E+05	.42	.019	245
5	15	CARROLL	AR	1.63E+08	.22	.786	5.60E+04	.16	.112	2.60E+07	.33	.094	2.19E+04	.56	.008	215
5	17	CHICOT	AR	4.64E+07	.40	.772	3.29E+07	.15	.058	1.27E+07	.55	.159	8.29E+05	.75	.010	249
5	19	CLARK	AR	6.50E+07	.24	.804	4.35E+06	.13	.062	1.39E+07	.41	.129	5.69E+05	.31	.005	234
5	21	CLAY	AR	4.35E+07	.25	.807	4.11E+07	.16	.085	6.24E+06	.34	.087	1.52E+06	.39	.021	237
5	23	CLEBURNE	AR	7.48E+07	.23	.795	6.08E+05	.14	.068	1.56E+07	.35	.124	1.60E+06	.70	.013	239
5	25	CLEVELAND	AR	2.40E+07	.22	.779	2.82E+05	.17	.067	6.06E+06	.42	.148	2.52E+05	.50	.006	241
5	27	COLUMBIA	AR	6.44E+07	.25	.779	3.60E+04	.13	.073	1.38E+07	.49	.148				243

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	HAY: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
5	29	CONWAY	AR	8.50E+07	.21	.734	5.40E+06	.15	.087	2.57E+07	.34	.166	1.94E+06	.71	.013	233
5	31	CRAIGHEAD	AR	2.90E+07	.29	.811	3.20E+07	.13	.075	4.58E+06	.34	.105	4.60E+05	.24	.010	238
5	33	CRAWFORD	AR	7.53E+07	.24	.769	4.66E+06	.16	.062	2.17E+07	.45	.166	3.20E+05	.24	.002	226
5	35	CRITTENDEN	AR	2.41E+06	.07	.193	4.01E+07	.14	.049	1.24E+07	.68	.752	7.57E+04	.17	.004	238
5	37	CROSS	AR	3.24E+07	.27	.795	3.96E+07	.15	.050	3.86E+06	.44	.071	4.53E+06	.70	.083	238
5	39	DALLAS	AR	1.73E+07	.18	.800	1.67E+05	.08	.053	4.22E+06	.44	.147				244
5	41	DESHA	AR	2.89E+07	.25	.848	2.43E+07	.13	.050	3.74E+06	.40	.082	8.90E+05	.60	.019	244
5	43	DREW	AR	4.68E+07	.24	.781	7.29E+06	.13	.055	1.30E+07	.47	.163	8.66E+04	.50	.001	248
5	45	FAULKNER	AR	1.37E+08	.21	.718	3.19E+06	.14	.106	3.13E+07	.33	.123	1.36E+07	1.02	.054	241
5	47	FRANKLIN	AR	9.20E+07	.19	.705	9.92E+05	.15	.106	3.28E+07	.38	.189	8.94E+04	.81	.001	231
5	49	FULTON	AR	1.01E+08	.15	.837	2.72E+05	.20	.089	1.12E+07	.32	.070	5.75E+05	.35	.004	227
5	51	GARLAND	AR	3.27E+07	.23	.812			.086	5.24E+06	.41	.097	2.12E+05	.81	.004	237
5	53	GRANT	AR	2.92E+07	.27	.737	1.06E+05	.12	.073	9.04E+06	.41	.171	9.62E+05	.33	.018	232
5	55	GREENE	AR	3.63E+07	.24	.806	2.59E+07	.14	.075	5.93E+06	.32	.099	1.19E+06	.40	.020	237
5	57	HEMPSTEAD	AR	1.20E+08	.25	.775	3.44E+06	.14	.064	3.32E+07	.41	.160	3.06E+05	.42	.001	236
5	59	HOT SPRING	AR	4.50E+07	.24	.798	5.50E+05	.11	.079	9.18E+06	.42	.122	7.33E+03	.10		236
5	61	HOWARD	AR	7.65E+07	.26	.803	2.37E+05	.11	.052	1.83E+07	.43	.144				229
5	63	INDEPENDENCE	AR	1.26E+08	.19	.824	1.37E+07	.15	.064	2.21E+07	.41	.109	2.03E+05	.14	.001	232
5	65	IZARD	AR	7.22E+07	.12	.868	4.45E+05	.16	.060	7.55E+06	.30	.068	4.70E+05	.32	.004	229
5	67	JACKSON	AR	3.73E+07	.24	.796	3.65E+07	.13	.097	3.49E+06	.35	.091	9.52E+05	.47	.015	239
5	69	JEFFERSON	AR	4.40E+07	.25	.850	1.09E+07	.12	.053	6.26E+06	.33	.091	4.38E+05	.57	.006	239
5	71	JOHNSON	AR	5.74E+07	.20	.757	1.62E+06	.19	.062	1.82E+07	.31	.180	5.31E+04	.13	.001	228
5	73	LAFAYETTE	AR	7.58E+07	.30	.850	3.88E+06	.15	.071	9.46E+06	.41	.079				239
5	75	LAWRENCE	AR	5.76E+07	.18	.803	2.25E+07	.13	.083	1.05E+07	.36	.110	3.02E+05	.25	.003	238
5	77	LEE	AR	3.73E+07	.34	.841	2.86E+07	.13	.054	5.57E+06	.27	.094	5.96E+05	.64	.010	242
5	79	LINCOLN	AR	4.18E+07	.22	.781	8.30E+06	.11	.065	8.30E+06	.47	.116	2.73E+06	.55	.038	244
5	81	LITTLE RIVER	AR	8.43E+07	.22	.833	4.26E+06	.11	.049	1.52E+07	.43	.113	7.25E+05	.19	.005	234
5	83	LOGAN	AR	1.20E+08	.21	.703	2.08E+06	.18	.127	3.77E+07	.39	.165	1.25E+06	.54	.005	233
5	85	LONOKE	AR	9.12E+07	.27	.696	3.11E+07	.15	.166	2.13E+07	.39	.122	2.95E+06	.66	.016	242
5	87	MADISON	AR	1.39E+08	.22	.789	2.04E+05	.15	.087	2.89E+07	.36	.123	1.83E+05	.46	.001	225
5	89	MARION	AR	7.09E+07	.17	.827	6.23E+04	.14	.085	1.01E+07	.35	.088				223
5	91	MILLER	AR	7.81E+07	.20	.689	7.69E+06	.13	.121	2.82E+07	.56	.187	4.08E+05	.28	.003	232
5	93	MISSISSIPPI	AR	1.36E+07	.24	.662	5.43E+07	.14	.049	7.29E+06	.53	.266	5.99E+05	.38	.022	237
5	95	MONROE	AR	8.90E+06	.12	.880	1.99E+07	.13	.055	8.67E+05	.38	.064	8.28E+03	.04	.001	243
5	97	MONTGOMERY	AR	4.73E+07	.23	.785	7.32E+03	.07	.054	1.29E+07	.40	.160				233
5	99	NEVADA	AR	7.08E+07	.25	.785	1.29E+06	.16	.058	1.85E+07	.52	.154	2.50E+05	.72	.002	239
5	101	[illegible]TON	AR	5.36E+07	.20	.836	1.91E+04	.05	.081	6.93E+06	.32	.081	1.50E+05	.49	.001	224
5	103	OUACHITA	AR	2.22E+07	.29	.769	2.34E+05	.14	.056	6.74E+06	.36	.175				244
5	105	PERRY	AR	3.84E+07	.22	.712	1.62E+06	.15	.053	1.47E+07	.39	.205	2.19E+06	.69	.031	237
5	107	PHILLIPS	AR	4.49E+07	.51	.848	3.54E+07	.13	.057	5.27E+06	.54	.074	1.43E+06	.53	.020	243
5	109	PIKE	AR	5.33E+07	.29	.840	5.64E+05	.15	.051	8.73E+06	.43	.103	4.57E+05	.78	.005	232
5	111	POINSETT	AR	1.72E+07	.29	.848	4.26E+07	.15	.058	2.22E+06	.47	.082	3.40E+05	.40	.013	238
5	113	POLK	AR	7.88E+07	.29	.794	5.60E+04	.44	.065	1.81E+07	.41	.136	5.54E+05	.70	.004	230
5	115	POPE	AR	8.84E+07	.23	.759	3.20E+06	.15	.072	2.50E+07	.36	.161	1.19E+06	.60	.009	230
5	117	PRAIRIE	AR	2.80E+07	.29	.736	4.38E+07	.17	.113	6.60E+06	.40	.130	1.02E+06	.45	.020	240
5	119	PULASKI	AR	4.70E+07	.22	.778	7.78E+06	.14	.087	1.02E+07	.38	.126	7.30E+05	.65	.009	243
5	121	RANDOLPH	AR	7.81E+07	.17	.814	1.54E+07	.17	.055	1.60E+07	.32	.125	6.75E+05	.41	.005	238
5	123	ST FRANCIS	AR	2.90E+07	.29	.842	2.83E+07	.14	.054	4.32E+06	.34	.094	4.80E+05	.45	.010	238
5	125	SALINE	AR	3.14E+07	.24	.726	1.09E+05	.09	.078	1.12E+07	.35	.195				239
5	127	SCOTT	AR	7.34E+07	.20	.783	6.10E+04	.10	.066	1.88E+07	.30	.150				232
5	129	SEARCY	AR	8.23E+07	.17	.843	5.12E+04	.13	.075	1.04E+07	.31	.080	2.15E+05	.20	.001	227
5	131	SEBASTIAN	AR	7.84E+07	.18	.752	7.24E+05	.16	.081	2.34E+07	.38	.168				231
5	133	SEVIER	AR	9.27E+07	.26	.814	6.26E+04	.11	.055	1.99E+07	.47	.131				229
5	135	SHARP	AR	6.69E+07	.11	.868	8.74E+05	.34	.058	7.43E+06	.32	.072	2.24E+05	.21	.002	229
5	137	STONE	AR	6.04E+07	.19	.827	1.10E+04	.12	.061	1.09E+07	.38	.112				229
5	139	UNION	AR	2.73E+07	.31	.804	6.10E+04	.12	.053	6.35E+06	.45	.140	2.05E+04	.81	.001	247

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
5	141	VAN BUREN	AR	6.21E+07	.18	.760	2.63E+05	.19	.113	1.30E+07	.32	.120	7.35E+05	.43	.007	231
5	143	WASHINGTON	AR	2.96E+08	.36	.780	4.68E+05	.18	.086	6.48E+07	.38	.120	3.11E+06	.40	.006	221
5	145	WHITE	AR	1.54E+08	.21	.746	2.80E+07	.13	.087	4.42E+07	.38	.160	1.92E+06	.54	.007	240
5	147	WOODRUFF	AR	2.13E+07	.28	.852	3.07E+07	.13	.054	2.99E+06	.32	.090	1.36E+05	.17	.004	239
5	149	YELL	AR	1.30E+08	.25	.778	4.30E+06	.16	.062	3.29E+07	.35	.148	2.72E+06	.77	.012	234
6	0		CA	6.51E+09	.07	.365	1.17E+09	.36	.298	6.01E+09	.96	.296	8.28E+08	1.24	.040	
6	1	ALAMEDA	CA	1.12E+08	.12	.831	1.42E+04	.16	.048	2.11E+07	.38	.121				343
6	3	ALPINE	CA													235
6	5	AMADOR	CA	5.05E+07	.07	.901	1.05E+05	.10	.049	3.59E+06	.37	.049	8.71E+04	.58	.001	281
6	7	BUTTE	CA	8.51E+07	.10	.649	1.70E+07	.36	.116	3.71E+07	.67	.229	9.85E+05	1.06	.006	258
6	9	CALAVERAS	CA	7.51E+07	.08	.899	5.10E+04	.23	.049	5.72E+06	.48	.052				284
6	11	COLUSA	CA	4.65E+07	.08	.503	1.53E+07	.32	.076	3.11E+07	.62	.421				316
6	13	CONTRA COSTA	CA	9.16E+07	.11	.578	1.01E+07	.38	.308	2.13E+07	.45	.104	2.07E+06	.58	.010	343
6	15	DEL NORTE	CA	1.83E+07	.44	.434			.245	4.43E+06	.44	.121				261
6	17	EL DORADO	CA	4.10E+07	.05	.986			.068	1.89E+06	.38	.034	6.31E+05	1.29	.011	262
6	19	FRESNO	CA	1.88E+08	.06	.141	1.45E+08	.37	.364	4.84E+08	1.16	.428	7.53E+07	1.19	.067	305
6	21	GLENN	CA	1.51E+08	.12	.464	3.71E+07	.35	.153	1.01E+08	.81	.342	1.21E+07	1.12	.041	298
6	23	HUMBOLDT	CA	1.97E+08	.07	.713			.167	3.82E+07	.61	.117	1.15E+06	1.59	.004	311
6	25	IMPERIAL	CA				4.55E+07	.41	.541	8.04E+08	1.42	.458				357
6	27	INYO	CA	4.05E+07	.03	.810			.052	1.37E+07	.95	.138				298
6	29	KERN	CA				3.35E+07	.30	.298	7.43E+08	1.44	.676	2.71E+07	1.15	.025	336
6	31	KINGS	CA	1.03E+08	.11	.131	1.07E+08	.36	.349	2.50E+08	1.28	.403	6.08E+07	1.14	.098	320
6	33	LAKE	CA	2.69E+07	.05	.688	3.19E+05	.22	.051	1.19E+07	.46	.253	3.72E+05	.68	.008	318
6	35	LASSEN	CA	1.32E+08	.04	.641	1.74E+06	.17	.052	8.03E+07	.38	.301	1.33E+06	1.51	.005	189
6	37	LOS ANGELES	CA	3.98E+07	.03	.114	6.39E+06	.21	.424	1.18E+08	1.24	.462	1.07E+05	.28	.001	359
6	39	MADERA	CA	1.13E+08	.06	.241	2.41E+07	.31	.242	2.41E+08	1.09	.445	3.95E+07	1.28	.073	315
6	41	MARIN	CA	1.36E+08	.26	.707	6.20E+04	.18	.257	1.91E+06	.58	.037				345
6	43	MARIPOSA	CA	8.26E+07	.09	.916	4.02E+04	.24	.049	1.87E+06	1.17	.016				272
6	45	MENDOCINO	CA	1.07E+08	.05	.752	2.02E+04	.05	.100	1.64E+07	.43	.138	1.15E+06	1.37	.010	307
6	47	MERCED	CA	4.49E+08	.18	.403	3.74E+07	.36	.249	3.65E+08	1.03	.259	1.26E+08	1.24	.089	325
6	49	MODOC	CA	2.48E+08	.12	.620	1.27E+07	.32	.053	1.69E+08	.55	.326				202
6	51	MONO	CA	1.77E+07	.07	.381	3.09E+02	.22	.047	1.55E+07	.71	.372				255
6	53	MONTEREY	CA	9.63E+07	.02	.286	3.09E+07	.26	.559	5.93E+07	.88	.142	5.60E+06	1.93	.013	327
6	55	NAPA	CA	6.34E+07	.09	.765	2.67E+05	.21	.125	1.20E+07	.46	.107	3.33E+05	.94	.003	331
6	57	NEVADA	CA	1.87E+07	.05	.877			.069	1.23E+06	.30	.054				235
6	59	ORANGE	CA	4.73E+07	.10	.823	2.54E+06	.14	.150	1.96E+06	.37	.026	5.72E+03	.20		3.8
6	61	PLACER	CA	8.67E+07	.20	.840	5.75E+06	.22	.075	1.13E+07	.41	.084	9.69E+04	1.18	.001	242
6	63	PLUMAS	CA	3.20E+07	.07	.726	9.82E+04	.11	.048	1.32E+07	.39	.226				234
6	65	RIVERSIDE	CA	2.34E+08	.27	.271	2.41E+07	.20	.496	2.24E+08	1.24	.220	1.28E+07	1.36	.013	360
6	67	SACRAMENTO	CA	1.41E+08	.14	.420	8.31E+07	.60	.303	9.46E+07	.69	.228	2.02E+07	1.18	.049	313
6	69	SAN BENITO	CA	1.46E+08	.06	.782	5.04E+06	.21	.095	2.59E+07	.51	.105	4.32E+06	1.30	.017	326
6	71	SAN BERNARDI	CA	5.43E+08	.06	.559	1.41E+06	.18	.365	8.53E+07	.94	.065	1.51E+07	1.69	.011	316
6	73	SAN DIEGO	CA	1.75E+08	.08	.698	4.52E+06	.15	.245	1.84E+07	.48	.055	5.78E+05	.79	.001	362
6	75	SAN FRANCISC	CA													363
6	77	SAN JOAQUIN	CA	2.43E+08	.19	.306	1.37E+08	.54	.221	3.42E+08	1.08	.364	1.03E+08	1.27	.109	332
6	79	SAN LUIS OBI	CA	3.61E+08	.07	.763	4.47E+07	.20	.107	7.81E+07	.80	.127	2.12E+06	1.48	.004	329
6	81	SAN MATEO	CA	1.97E+07	.08	.759	8.92E+05	.19	.080	3.44E+06	.33	.162				349
6	83	SANTA BARBAR	CA	1.18E+08	.04	.359	2.88E+06	.16	.455	6.50E+07	.88	.161	9.79E+06	1.77	.024	337
6	85	SANTA CLARA	CA	1.21E+08	.09	.699	7.11E+05	.22	.231	1.57E+07	.46	.068	5.04E+05	.96	.002	338
6	87	SANTA CRUZ	CA	1.51E+07	.14	.858	2.62E+04	.33	.079	1.38E+06	.34	.060	6.73E+04	.84	.003	340
6	89	SHASTA	CA	1.13E+08	.08	.738	4.13E+05	.12	.069	3.76E+07	.49	.187	1.19E+06	1.26	.006	269

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M882	FRAC.	GRAIN PRODUCTION KG	PRODUCTIVITY KG/M882	FRAC.	HAY PRODUCTION KG	AREAL YIELD KG/YR/M882	FRAC.	SILAGE PRODUCTION KG	PRODUCTIVITY KG/M882	FRAC.	FROST-FREE DAYS
6	91	SIERRA	CA	2.22E+07	.08	.777	1.64E+05	.19	.048	6.69E+06	.28	.175				213
6	93	SISKIYOU	CA	1.50E+08	.04	.509	1.29E+07	.28	.073	1.49E+08	.57	.398	7.04E+06	1.65	.019	245
6	95	SOLANO	CA	1.27E+08	.17	.380	5.40E+07	.48	.102	4.22E+07	.60	.307	1.35E+06	.75	.010	331
6	97	SONOMA	CA	3.60E+08	.21	.615	2.63E+06	.18	.251	8.04E+07	.61	.119	1.00E+07	1.40	.015	331
6	99	STANISLAUS	CA	4.79E+08	.30	.458	1.92E+07	.30	.251	2.35E+08	.99	.173	1.60E+08	1.32	.118	320
6	101	SUTTER	CA	3.78E+07	.11	.484	3.22E+07	.42	.108	2.63E+07	.51	.376	2.23E+06	.99	.032	320
6	103	TEHAMA	CA	3.04E+08	.07	.797	7.43E+06	.21	.081	4.50E+07	.38	.103	7.99E+06	1.15	.018	270
6	105	TRINITY	CA	1.76E+07	.06	.889			.058	1.32E+06	.36	.053	1.25E+06	1.55	.001	282
6	107	TULARE	CA	4.00E+08	.14	.332	7.27E+07	.41	.291	4.94E+08	1.20	.310	1.04E+08	1.16	.067	324
6	109	TUOLUMNE	CA	4.83E+07	.10	.932			.050	1.22E+06	.28	.018				260
6	111	VENTURA	CA	1.20E+08	.17	.803	1.76E+06	.13	.151	7.54E+06	.52	.046				344
6	113	YOLO	CA				8.87E+07	.43	.102	2.26E+08	1.02	.896	5.13E+05	.87	.002	324
6	115	YUBA	CA	9.75E+07	.21	.765	3.09E+06	.42	.105	1.02E+07	.60	.076	7.30E+06	1.42	.054	260
8	0		CO	3.94E+09	.04	.393	1.31E+09	.35	.288	2.54E+09	.47	.223	1.09E+09	.80	.096	
8	1	ADAMS	CO	1.63E+07	.01	.110	2.10E+07	.21	.489	4.92E+07	.62	.291	1.36E+07	.99	.110	158
8	3	ALAMOSA	CO	1.39E+07	.02	.131	1.33E+07	.29	.088	6.74E+07	.37	.781	1.63E+04	.01		173
8	5	ARAPAHOE	CO	3.78E+07	.03	.713	3.20E+06	.14	.089	1.26E+07	.39	.122	1.03E+06	.20	.015	159
8	7	ARCHULETA	CO	2.40E+07	.05	.780	8.71E+04	.20	.050	7.08E+06	.37	.169	3.72E+04	.35	.001	170
8	9	BACA	CO	1.74E+08	.06	.752	9.64E+07	.18	.157	2.01E+07	.42	.065	7.99E+06	.14	.026	176
8	11	BENT	CO	6.10E+07	.02	.394	2.11E+07	.32	.237	6.45E+07	.55	.329	7.65E+06	.42	.039	167
8	13	BOULDER	CO	2.20E+07	.09	.248	1.04E+07	.40	.251	3.50E+07	.53	.337	1.69E+07	1.15	.163	156
8	15	CHAFFEE	CO	1.23E+07	.04	.489	8.03E+04	.19	.102	1.36E+07	.38	.409				158
8	17	CHEYENNE	CO	1.16E+08	.06	.859	1.92E+07	.19	.057	1.07E+07	.32	.059	4.42E+06	.09	.025	162
8	19	CLEAR CREEK	CO													158
8	21	CONEJOS	CO	6.27E+07	.07	.364	1.30E+07	.28	.098	8.04E+07	.34	.538	1.31E+05	.13	.001	171
8	23	COSTILLA	CO	1.49E+07	.01	.390	3.89E+06	.25	.049	2.53E+07	.40	.561				174
8	25	CROWLEY	CO	3.41E+07	.02	.265	1.38E+07	.32	.447	3.61E+07	.60	.209	1.37E+07	.52	.079	148
8	27	CUSTER	CO	5.41E+07	.04	.728	5.82E+04	.19	.052	1.37E+07	.27	.220				160
8	29	DELTA	CO	9.56E+07	.13	.474	9.61E+06	.43	.145	5.72E+07	.58	.289	1.82E+07	1.09	.092	164
8	31	DENVER	CO							1.53E+05	.42	1.000				143
8	33	DOLORES	CO	1.57E+07	.05	.834	1.22E+06	.10	.060	2.22E+06	.22	.100	1.42E+05	.27	.006	143
8	35	DOUGLAS	CO	3.89E+07	.04	.707	6.29E+05	.09	.073	1.50E+07	.39	.205	1.05E+06	.66	.014	140
8	37	EAGLE	CO	3.97E+07	.03	.348	1.91E+05	.20	.056	2.90E+07	.42	.397	4.36E+05	.31	.006	156
8	39	ELBERT	CO	1.33E+08	.04	.767	3.86E+06	.13	.081	3.05E+07	.31	.132	4.62E+06	.27	.020	164
8	41	EL PASO	CO	1.29E+08	.04	.747	1.32E+06	.09	.093	2.80E+07	.31	.121	8.61E+06	.24	.037	145
8	43	FREMONT	CO	4.23E+07	.03	.698	3.17E+06	.08	.124	1.22E+07	.42	.152	2.08E+06	1.11	.026	161
8	45	GARFIELD	CO	1.08E+08	.08	.572	1.14E+06	.20	.060	6.58E+07	.48	.340	5.25E+06	.89	.027	166
8	47	GILPIN	CO													128
8	49	GRAND	CO	4.10E+07	.04	.529	1.31E+04	.07	.049	4.26E+07	.30	.422				154
8	51	GUNNISON	CO	9.95E+07	.12	.662	4.69E+04	.19	.059	5.11E+07	.37	.274	8.25E+05	1.01	.004	160
8	53	HINSDALE	CO	2.87E+06	.11	.734			.053	1.11E+06	.22	.214				163
8	55	HUERFANO	CO	7.98E+07	.03	.802	2.03E+03	.14	.055	1.89E+07	.31	.143	2.50E+03	.60		169
8	57	JACKSON	CO	6.04E+07	.04	.473			.057	8.01E+07	.26	.469				143
8	59	JEFFERSON	CO	1.69E+07	.06	.703	6.11E+05	.21	.131	4.77E+06	.31	.149	3.21E+05	.39	.016	160
8	61	KIOWA	CO	1.20E+08	.06	.898	2.83E+07	.20	.353	6.23E+06	.30	.035	2.47E+06	.08	.014	163
8	63	KIT CARSON	CO	2.08E+08	.08	.549	1.24E+08	.43	.263	3.64E+07	.46	.073	9.77E+07	.56	.115	161
8	65	LAKE	CO	6.34E+06	10	.888			.048	6.34E+05	.16	.064				157
8	67	LA PLATA	CO	8.78E+07	.05	.613	1.63E+06	.14	.073	5.04E+07	.38	.290	4.20E+06	.59	.024	169
8	69	LARIMER	CO	1.04E+08	.05	.221	2.08E+07	.42	.264	9.10E+07	.60	.265	8.53E+07	1.27	.249	142
8	71	LAS ANIMAS	CO	1.67E+08	.02	.887	9.13E+05	.12	.056	1.31E+07	.33	.052	1.22E+06	.12	.004	176
8	73	LINCOLN	CO	1.79E+08	.04	.802	1.13E+07	.15	.128	1.48E+07	.22	.050	5.65E+06	.12	.019	164

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
8	75	LOGAN	CO				5.63E+07	.38	.649	9.79E+07	.58	.193	7.99E+07	1.02	.158	149
8	77	MESA	CO	1.69E+08	.10	.561	1.73E+07	.31	.107	9.04E+07	.64	.266	2.20E+07	1.07	.064	166
8	79	MINERAL	CO	2.62E+06	.91	.794			.047	7.01E+05	.29	.159				168
8	81	MOFFAT	CO	1.47E+08	.04	.699	2.30E+06	.13	.051	3.83E+07	.41	.250				148
8	83	MONTEZUMA	CO	7.18E+07	.03	.665	1.51E+06	.13	.069	2.90E+07	.44	.248	2.13E+06	.87	.018	162
8	85	MONTROSE	CO	1.43E+08	.10	.493	1.37E+07	.37	.124	7.16E+07	.62	.274	3.81E+07	1.22	.108	163
8	87	MORGAN	CO				1.02E+08	.54	.643	9.07E+07	.70	.195	7.52E+07	1.19	.161	151
8	89	OTERO	CO	1.04E+07		.046	2.28E+07	.47	.536	6.40E+07	.70	.307	3.41E+07	.93	.112	169
8	91	OURAY	CO	2.20E+07	.04	.383	1.01E+05	.20	.053	1.72E+07	.34	.356	3.38E+05	1.16	.067	163
8	93	PARK	CO	3.77E+07	.03	.731			.049	1.51E+07	.21	.220				159
8	95	PHILLIPS	CO	5.18E+07	.11	.519	8.75E+07	.47	.215	2.54E+07	.62	.198	8.71E+06	.67	.067	181
8	97	PITKIN	CO													170
8	99	PROWERS	CO	2.75E+07	.01	.095	5.90E+07	.28	.408	1.63E+08	.74	.454	1.86E+07	.24	.043	167
8	101	PUEBLO	CO	1.37E+08	.03	.589	1.18E+07	.28	.220	4.22E+07	.56	.136	1.70E+07	.40	.055	167
8	103	RIO BLANCO	CO	1.62E+08	.06	.680	1.40E+06	.15	.051	4.14E+07	.45	.264	7.92E+05	.58	.005	166
8	105	RIO GRANDE	CO	4.53E+07	.10	.457	2.49E+07	.32	.076	4.11E+07	.36	.468				161
8	107	ROUTT	CO	8.42E+07	.04	.471	3.76E+06	.15	.052	6.94E+07	.40	.473	4.89E+05	.86	.003	143
8	109	SAGUACHE	CO	7.90E+07	.05	.582	1.39E+07	.30	.053	5.91E+07	.30	.368				162
8	111	SAN JUAN	CO													162
8	113	SAN MIGUEL	CO	4.45E+07	.07	.752	2.93E+05	.20	.049	9.13E+06	.36	.195	2.04E+05	.70	.004	161
8	115	SEDGWICK	CO	3.99E+07	.08	.437	3.34E+07	.45	.220	1.80E+07	.82	.148	2.37E+07	.87	.195	151
8	117	SUMMIT	CO	4.43E+06	.05	.350			.049	4.32E+06	.33	.402				157
8	119	TELLER	CO	5.62E+06	.01	.478			.043	7.08E+06	.43	.452	1.14E+05	.68	.001	169
8	121	WASHINGTON	CO	1.50E+08	.06	.669	4.58E+07	.28	.120	4.89E+07	.38	.164	1.39E+07	.38	.047	54
8	123	WELD	CO				1.69E+08	.46	.409	3.18E+08	.62	.187	4.77E+08	1.28	.235	98
8	125	YUMA	CO	2.57E+08	.08	.423	2.22E+08	.51	.171	7.83E+07	.56	.143	3.02E+07	.54	.055	140
9	0		CT	7.48E+07	.14	.140	3.75E+06	.45	.300	1.58E+08	.47	.230	2.26E+08	1.14	.329	
9	1	FAIRFIELD	CT	1.49E+06	.05	.094	9.16E+04	.55	.294	7.04E+06	.46	.364	4.82E+06	1.00	.249	199
9	3	HARTFORD	CT	9.20E+06	.14	.141	7.15E+05	.39	.293	1.86E+07	.45	.220	2.94E+07	1.16	.346	184
9	5	LITCHFIELD	CT	1.53E+07	.12	.124	1.38E+06	.47	.307	4.90E+07	.58	.313	4.05E+07	1.09	.256	183
9	7	MIDDLESEX	CT	3.25E+06	.17	.173	2.32E+05	.57	.286	6.24E+06	.35	.256	6.92E+06	1.16	.288	190
9	9	NEW HAVEN	CT	7.14E+06	.18	.169	1.71E+05	.48	.299	1.52E+07	.50	.286	1.31E+07	1.11	.247	195
9	11	NEW LONDON	CT	1.65E+07	.14	.184	7.21E+05	.49	.294	2.49E+07	.44	.212	3.63E+07	1.12	.310	191
9	13	TOLLAND	CT	6.93E+06	.14	.107	8.20E+04	.21	.303	1.18E+07	.46	.142	3.70E+07	1.31	.448	187
9	15	WINDHAM	CT	1.51E+07	.19	.134	3.73E+05	.47	.305	2.45E+07	.49	.167	5.74E+07	1.10	.393	191
10	0		DE	4.60E+07	.29	.342	2.57E+08	.32	.277	3.78E+07	.52	.214	2.94E+07	.91	.166	
10	1	KENT	DE	1.99E+07	.39	.337	7.20E+07	.33	.270	1.48E+07	.54	.192	1.34E+07	.92	.200	227
10	3	NEW CASTLE	DE	1.07E+07	.26	.202	4.16E+07	.40	.280	1.39E+07	.83	.283	9.89E+06	.94	.154	231
10	5	SUSSEX	DE	1.53E+07	.23	.405	1.43E+08	.31	.284	9.09E+06	.48	.182	6.42E+06	.84	.129	227
12	0		FL	6.86E+09	.19	.839	3.18E+08	.26	.117	3.94E+08	.53	.036	8.49E+07	.73	.007	
12	1	ALACHUA	FL	1.59E+08	.24	.850	2.48E+07	.34	.075	1.76E+07	.56	.070	1.02E+06	.40	.004	324

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	---- GRAIN ---- PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	---- HAY ---- PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	---- SILAGE ---- PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	FROST-FREE DAYS
12	3	BAKER	FL	1.08E+07	.21	.816	2.36E+06	.33	.138	7.73E+05	.46	.025	2.77E+04	.19	.001	303
12	5	BAY	FL	2.41E+06	.35	.833	1.33E+06	.15	.128	1.53E+05	.60	.040				303
12	7	BRADFORD	FL	3.58E+07	.23	.844	7.47E+04	.13	.054	5.70E+06	.53	.102				322
12	9	BREVARD	FL	1.10E+08	.12	.942			.054	6.16E+05	.39	.004				334
12	11	BROWARD	FL	6.17E+07	.61	.716			.185	1.15E+07	.85	.100				363
12	13	CALHOUN	FL	2.05E+07	.32	.827	7.84E+06	.20	.082	2.72E+06	.48	.082	2.75E+05	.49	.008	301
12	15	CHARLOTTE	FL	4.70E+07	.11	.931			.047	2.07E+06	.53	.023				341
12	17	CITRUS	FL	2.48E+07	.09	.876	4.18E+04	.09	.050	2.70E+06	.36	.066				340
12	19	CLAY	FL	7.18E+07	.25	.660			.293	6.88E+06	.47	.047				320
12	21	COLLIER	FL	1.20E+08	.13	.952			.047	1.86E+05	.57	.001				361
12	23	COLUMBIA	FL	8.35E+07	.31	.864	2.08E+07	.20	.057	8.01E+06	.70	.062	2.17E+06	.37	.016	305
12	25	DADE	FL	2.17E+07	.46	.939	1.50E+07	.57	.049	3.67E+05	.51	.012	1.58E+04	.19	.001	364
12	27	DE SOTO	FL	1.67E+08	.19	.911	5.79E+04	.09	.061	6.90E+06	.60	.028				342
12	29	DIXIE	FL	1.96E+07	.05	.932	2.39E+05	.26	.048	5.55E+05	.36	.019	2.68E+04	.05	.001	303
12	31	DUVAL	FL	8.46E+07	.37	.644	1.47E+05	.45	.304	4.35E+06	.40	.025	1.02E+06	.50	.006	312
12	33	ESCAMBIA	FL	3.46E+07	.28	.676	2.13E+07	.29	.169	5.30E+06	.50	.077	5.33E+04	.78	.078	297
12	35	FLAGLER	FL	2.77E+07	.10	.906			.047	1.92E+06	.45	.047				324
12	37	FRANKLIN	FL													309
12	39	GADSDEN	FL	6.60E+07	.36	.754	7.40E+04	.27	.131	7.33E+06	.47	.063	6.10E+06	.89	.052	291
12	41	GILCHRIST	FL	5.71E+07	.24	.818	9.89E+04	.25	.078	7.26E+06	.48	.078	5.10E+05	.27	.005	304
12	43	GLADES	FL	2.56E+08	.15	.907			.088	1.57E+06	.52	.004				354
12	45	GULF	FL	1.90E+07	3.82	.935	2.21E+06	.18	.048	4.72E+05	.53	.017				309
12	47	HAMILTON	FL	3.78E+07	.23	.856	2.19E+07	.30	.049	3.99E+06	.70	.066	1.72E+06	.88	.029	303
12	49	HARDEE	FL	2.31E+08	.23	.907			.069	8.08E+06	.63	.024	2.18E+05	.67	.001	342
12	51	HENRY	FL	4.11E+08	.20	.942			.056	9.06E+05	.51	.001				356
12	53	HERNANDO	FL	9.10E+07	.43	.890			.070	5.43E+06	.44	.040				342
12	55	HIGHLANDS	FL	3.12E+08	.20	.880			.099	9.76E+06	.69	.021				340
12	57	HILLSBOROUGH	FL	2.99E+08	.29	.776	1.90E+05	.25	.197	1.36E+07	.52	.026	1.08E+06	.03		344
12	59	HOLMES	FL	6.23E+07	.39	.793	7.93E+06	.20	.096	8.53E+06	.38	.082	3.08E+06	.76	.029	301
12	61	INDIAN RIVER	FL	7.94E+07	.20	.907			.090	3.89E+05	.31	.003				337
12	63	JACKSON	FL	1.39E+08	.37	.805	3.17E+07	.20	.102	1.83E+07	.47	.069	6.39E+06	.60	.024	299
12	65	JEFFERSON	FL	5.11E+07	.26	.798	1.64E+07	.34	.142	2.02E+06	.48	.024	3.12E+06	.88	.037	294
12	67	LAFAYETTE	FL	5.77E+07	.29	.716	4.24E+06	.29	.218	5.36E+06	.76	.049	1.76E+06	.58	.016	302
12	69	LAKE	FL	7.64E+07	.17	.807	4.42E+06	.32	.112	8.23E+06	.50	.065	2.01E+06	.69	.016	333
12	71	LEE	FL	4.65E+07	.12	.925			.048	1.00E+06	.50	.027				354
12	73	LEON	FL	3.31E+07	.26	.768	7.00E+06	.27	.076	6.48E+06	.58	.106	3.01E+06	.73	.049	286
12	75	LEVY	FL	1.24E+08	.12	.831	6.83E+06	.26	.044	1.53E+07	.65	.076	7.80E+04	.09	.039	339
12	77	LIBERTY	FL	5.08E+06	.13	.921	1.18E+06	.14	.048	1.17E+05	.25	.016	1.08E+05	.19	.015	300
12	79	MADISON	FL	7.74E+07	.25	.874	1.84E+07	.23	.060	6.66E+06	.43	.051	1.72E+06	.88	.014	299
12	81	MANATEE	FL	2.27E+08	.19	.844	4.30E+04	.82	.115	1.34E+07	.58	.037	1.45E+06	.94	.004	344
12	83	MARION	FL	2.35E+08	.14	.838	2.69E+06	.20	.081	3.99E+07	.49	.073	2.76E+06	.48	.007	337
12	85	MARTIN	FL	1.20E+08	.21	.854			.102	8.66E+06	.58	.043				346
12	87	MONROE	FL													363
12	89	NASSAU	FL	4.74E+07	.27	.844	9.17E+04	.21	.309	4.35E+06	.82	.044	3.44E+05	.23	.003	312
12	91	OKALOOSA	FL	3.47E+07	.25	.812	8.10E+06	.19	.058	6.68E+06	.41	.117	7.36E+05	.51	.013	295
12	93	OKEECHOBEE	FL	4.65E+08	.34	.784			.197	1.34E+07	.55	.017				338
12	95	ORANGE	FL	5.67E+07	.14	.788	1.21E+05	.74	.158	2.09E+06	.36	.022	3.13E+06	.62	.032	322
12	97	OSCEOLA	FL	3.74E+08	.11	.699	5.54E+03	.11	.066	1.95E+07	.58	.035				338
12	99	PALM BEACH	FL	2.97E+08	.51	.877	2.57E+04	.14	.117	7.60E+05	.53	.001	1.69E+06	.91	.004	350
12	101	PASCO	FL	1.77E+08	.23	.829	1.98E+05	.21	.131	1.10E+07	.54	.038	4.18E+05	.48	.001	344
12	103	PINELLAS	FL	1.39E+07	.53	.706	6.20E+04	.17	.206	2.09E+06	.42	.079	3.18E+05	1.92	.008	346
12	105	POLK	FL	3.57E+08	.17	.894			.089	9.18E+06	.49	.017				343
12	107	PUTNAM	FL	4.91E+07	.09	.792	6.18E+05	.27	.105	7.51E+06	.61	.091	1.07E+06	.78	.013	324
12	109	ST JOHNS	FL	2.39E+07	.37	.792	9.28E+05	.29	.124	1.59E+06	.39	.040	1.77E+06	1.18	.044	331
12	111	ST LUCIE	FL	1.43E+08	.15	.909	6.05E+04	.15	.072	3.98E+06	.99	.019	5.55E+04	1.14		343
12	113	SANTA ROSA	FL	3.13E+07	.41	.805	1.35E+07	.22	.074	2.44E+06	.38	.047	2.80E+06	.93	.054	297

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	------- GRAIN ------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	---------- HAY ---------- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	------- SILAGE ------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
12	115	SARASOTA	FL	1.07E+08	.13	.917			.070	1.95E+06	.47	.013				343
12	117	SEMINOLE	FL	2.82E+07	.16	.911	1.54E+05	.38	.050	1.44E+06	.44	.035	1.46E+05	.36	.004	326
12	119	SUMTER	FL	1.33E+08	.22	.878	3.03E+05	.17	.076	8.74E+06	.49	.043	4.93E+05	.28	.002	338
12	121	SUWANNEE	FL	1.13E+08	.27	.847	3.16E+07	.27	.064	1.14E+07	.57	.064	3.97E+06	.72	.022	303
12	123	TAYLOR	FL	2.14E+07	.05	.779	8.44E+05	.30	.050	6.24E+06	.67	.170	2.55E+04	.21	.001	300
12	125	UNION	FL	3.04E+07	.25	.855	5.85E+04	.16	.066	3.76E+06	.78	.079				307
12	127	VOLUSIA	FL	6.23E+07	.11	.816	2.11E+01	.06	.148	3.67E+06	.49	.036				325
12	129	WAKULLA	FL	4.42E+06	.22	.873			.061	4.45E+07	.48	.066				291
12	131	WALTON	FL	4.23E+07	.30	.794	1.05E+07	.17	.130	4.35E+06	.29	.041	1.06E+06	.60	.015	301
12	133	WASHINGTON	FL	4.27E+07	.27	.800	3.84E+06	.22	.104	5.92E+06	.45	.083	9.31E+05	.51	.013	301
13	0		GA	5.24E+09	.27	.775	1.87E+09	.30	.108	7.18E+08	.49	.079	3.31E+08	.78	.037	
13	1	APPLING	GA	4.22E+07	.29	.730	5.25E+07	.39	.166	2.93E+06	.47	.038	5.00E+06	.94	.065	287
13	3	ATKINSON	GA	1.93E+07	.21	.895	1.83E+07	.42	.072	9.54E+05	.48	.033				284
13	5	BACON	GA	2.44E+07	.23	.804	3.11E+07	.38	.082	2.59E+06	.54	.044	2.05E+06	.68	.050	288
13	7	BAKER	GA	4.06E+07	.16	.845	1.82E+07	.28	.060	3.83E+06	.47	.060	2.24E+06	.67	.035	283
13	9	BALDWIN	GA	1.51E+07	.20	.735	1.87E+06	.21	.078	4.79E+06	.57	.178	3.93E+05	.71	.013	252
13	11	BANKS	GA	2.99E+07	.22	.867	1.76E+05	.15	.039	3.41E+06	.41	.074				228
13	13	BARROW	GA	3.48E+07	.29	.845	3.82E+05	.17	.072	3.85E+06	.45	.070	7.45E+05	.24	.013	245
13	15	BARTOW	GA	5.33E+07	.20	.905	2.33E+06	.22	.136	7.48E+06	.33	.085	4.28E+05	.28	.004	238
13	17	BEN HILL	GA	2.98E+07	.33	.826	1.37E+07	.36	.089	3.06E+06	.54	.073	4.66E+05	.49	.011	270
13	19	BERRIEN	GA	5.60E+07	.27	.855	4.10E+07	.40	.069	6.10E+06	.59	.070	5.61E+05	.63	.007	281
13	21	BIBB	GA	1.31E+07	.36	.694	9.50E+05	.13	.177	3.19E+06	.62	.127				252
13	23	BLECKLEY	GA	2.83E+07	.40	.853	1.32E+07	.29	.062	3.73E+06	.63	.084	1.60E+04	.02		252
13	25	BRANTLEY	GA	1.45E+07	.31	.866	1.17E+04	.11	.065	1.54E+06	.51	.049				295
13	27	BROOKS	GA	9.13E+07	.38	.838	4.43E+07	.32	.075	6.23E+06	.60	.043	6.32E+06	.70	.043	299
13	29	BRYAN	GA	3.42E+06	.10	.827	4.57E+05	.18	.066	9.70E+05	.84	.107				288
13	31	BULLOCH	GA	7.57E+07	.37	.833	7.19E+07	.33	.106	5.06E+06	.52	.042	2.27E+06	.73	.019	282
13	33	BURKE	GA	4.64E+07	.23	.696	3.67E+07	.20	.132	6.70E+06	.56	.075	6.85E+06	.77	.077	264
13	35	BUTTS	GA	2.10E+07	.29	.849	7.68E+05	.22	.081	1.80E+06	.34	.055	5.17E+05	.49	.014	250
13	37	CALHOUN	GA	2.79E+07	.28	.766	1.56E+07	.33	.039	5.36E+06	.67	.110	3.19E+06	.85	.065	271
13	39	CAMDEN	GA	6.71E+06	.11	.906	1.56E+04	.13	.050	4.36E+05	.36	.044				304
13	43	CANDLER	GA	2.27E+07	.24	.795	2.34E+07	.31	.082	2.43E+06	.46	.064	2.25E+06	1.01	.059	271
13	45	CARROLL	GA	7.89E+07	.32	.815	1.34E+06	.31	.095	1.00E+07	.48	.077	1.69E+06	.61	.015	240
13	47	CATOOSA	GA	2.88E+07	.29	.698	3.27E+05	.25	.136	7.37E+06	.37	.134	1.78E+06	.83	.032	230
13	49	CHARLTON	GA	3.43E+06	.06	.617			.087	2.21E+06	.52	.296				303
13	51	CHATHAM	GA	9.76E+06	.26	.746	1.44E+06	.32	.197	8.19E+05	.61	.047	1.79E+05	.90	.010	290
13	53	CHATTAHOOCHEE	GA	2.71E+06	.24	.850			.051	4.23E+05	.31	.099				258
13	55	CHATTOOGA	GA	3.99E+07	.29	.770	2.62E+06	.24	.068	1.01E+07	.48	.146	1.07E+06	.81	.016	236
13	57	CHEROKEE	GA	4.64E+07	.37	.855	2.70E+04	.19	.070	5.46E+06	.48	.075				235
13	59	CLARKE	GA	1.27E+07	.34	.704	6.24E+05	.18	.103	3.12E+06	.52	.129	1.54E+06	.78	.064	251
13	61	CLAY	GA	2.93E+07	.29	.835	6.28E+06	.25	.066	3.55E+06	.47	.076	1.12E+06	.60	.024	271
13	63	CLAYTON	GA	8.09E+06	.47	.821	4.24E+04	.12	.115	8.44E+05	.37	.044				244
13	65	CLINCH	GA	3.54E+06	.12	.884	1.73E+06	.36	.054	8.89E+04	.65	.016	2.29E+05	.82	.043	298
13	67	COBB	GA	1.42E+07	.22	.788			.065	4.03E+06	.43	.147				243
13	69	COFFEE	GA	6.83E+07	.27	.823	5.36E+07	.33	.104	4.92E+06	.44	.044	3.20E+06	.72	.029	284
13	71	COLQUITT	GA	1.17E+08	.42	.802	4.65E+07	.33	.094	1.09E+07	.52	.056	9.22E+06	.72	.047	282
13	73	COLUMBIA	GA	1.03E+07	.15	.760	8.68E+05	.25	.091	4.11E+06	.47	.120	6.53E+05	.74	.020	255
13	75	COOK	GA	2.75E+07	.41	.822	2.79E+07	.37	.066	4.66E+06	.81	.104	3.26E+05	.55	.007	281
13	77	COWETA	GA	4.33E+07	.23	.765	2.13E+06	.33	.111	6.46E+06	.45	.085	2.85E+06	.74	.037	245
13	79	CRAWFORD	GA	1.98E+07	.28	.774	4.02E+06	.22	.117	3.15E+06	.66	.093	4.84E+05	.47	.014	251
13	81	CRISP	GA	1.87E+07	.20	.856	2.08E+07	.26	.057	3.42E+06	.58	.083	1.11E+05	.25	.004	257

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
13	83	BARE	GA	1.36E+07	.20	.770	6.99E+03	.15	.054	4.14E+06	.33	.177				230
13	85	BARROW	GA	1.29E+07	.45	.845	9.07E+03	.13	.074	1.21E+06	.44	.061				233
13	87	BECATUR	GA	7.95E+07	.31	.851	3.78E+07	.34	.082	7.43E+06	.63	.060	9.24E+05	.46	.007	285
13	89	BE KALB	GA	7.19E+06	.40	.906			.047	4.97E+05	.39	.047				244
13	91	BORGE	GA	3.46E+07	.17	.807	2.14E+07	.25	.067	3.56E+06	.56	.062	3.64E+06	.58	.064	262
13	93	BOOLY	GA	3.19E+07	.34	.728	1.24E+07	.22	.120	2.76E+06	.48	.047	6.14E+06	.93	.105	256
13	95	BOURHERTY	GA	4.43E+07	.28	.826	1.00E+07	.30	.130	3.06E+06	.63	.043	1.24E+05	.06	.001	280
13	97	BOUGLAS	GA	6.79E+06	.29	.865	3.81E+04	.22	.060	6.55E+05	.31	.062	1.33E+05	.21	.013	243
13	99	EARLY	GA	8.07E+07	.27	.827	3.76E+07	.30	.076	1.01E+07	.39	.078	2.52E+06	.76	.019	292
13	101	ECHOLS	GA	3.64E+06	.24	.644	1.67E+06	.30	.062	1.86E+06	.65	.255	1.41E+05	.81	.019	297
13	103	EFFINGHAM	GA	1.51E+07	.22	.749	1.37E+07	.28	.103	3.49E+06	.67	.130	4.92E+05	.78	.018	286
13	105	ELBERT	GA	3.35E+07	.27	.779	1.86E+06	.20	.093	3.39E+06	.38	.094	1.96E+06	.78	.034	235
13	107	EMANUEL	GA	5.09E+07	.31	.783	4.28E+07	.30	.086	6.89E+06	.55	.079	4.41E+06	.71	.051	267
13	109	EVANS	GA	1.84E+07	.24	.877	1.40E+07	.29	.073	1.38E+06	.44	.049	1.08E+04	.85	.001	275
13	111	FANNIN	GA	9.60E+06	.26	.740	4.54E+05	.37	.095	2.47E+06	.39	.143	3.95E+05	1.01	.022	230
13	113	FAYETTE	GA	2.95E+07	.31	.872	1.45E+06	.30	.069	2.26E+06	.41	.050	3.86E+05	.31	.008	244
13	115	FLOYD	GA	6.37E+07	.25	.768	3.40E+06	.24	.091	9.75E+06	.46	.088	5.82E+06	.97	.052	237
13	117	FORSYTH	GA	4.58E+07	.41	.840	1.08E+06	.37	.086	3.74E+06	.43	.052	1.59E+06	.75	.022	242
13	119	FRANKLIN	GA	6.59E+07	.38	.861	1.48E+06	.20	.060	7.41E+06	.39	.073	6.04E+05	.58	006	227
13	121	FULTON	GA	2.99E+07	.27	.800	1.06E+06	.25	.058	6.53E+06	.41	.131	5.63E+05	.34	.011	243
13	123	GILMER	GA	1.63E+07	.28	.760	4.67E+05	.32	.117	2.34E+06	.40	.082	1.18E+06	.81	.041	231
13	125	GLASCOCK	GA	7.54E+06	.15	.778	2.84E+06	.22	.058	1.21E+06	.59	.074	9.03E+05	.80	.070	256
13	127	GLYNN	GA	3.62E+06	.25	.831			.053	6.73E+05	.41	.116				301
13	129	GORDON	GA	5.51E+07	.29	.738	4.75E+06	.19	.125	6.82E+06	.39	.068	6.97E+06	.85	.069	232
13	131	GRADY	GA	7.48E+07	.45	.853	4.45E+07	.32	.074	6.25E+06	.46	.053	2.24E+06	.62	.019	285
13	133	GREENE	GA	3.40E+07	.19	.596	9.88E+05	.27	.198	9.46E+06	.50	.124	5.17E+06	.99	.062	252
13	135	GWINNETT	GA	2.94E+07	.38	.822	1.02E+06	.27	.086	3.68E+06	.38	.077	7.01E+05	.36	.015	243
13	137	HABERSHAM	GA	3.27E+07	.42	.824	3.13E+05	.39	.077	4.24E+06	.43	.080	1.05E+06	.83	.020	226
13	139	HALL	GA	5.74E+07	.36	.753	9.85E+05	.33	.140	5.56E+06	.45	.055	5.28E+06	.98	.052	239
13	141	HANCOCK	GA	2.00E+07	.14	.772	1.27E+06	.21	.097	4.34E+06	.59	.126	2.15E+05	1.01	.006	253
13	143	HARALSON	GA	2.43E+07	.28	.816	1.33E+06	.36	.075	4.13E+06	.35	.104	1.66E+05	.64	.004	239
13	145	HARRIS	GA	2.54E+07	.20	.822	1.70E+06	.25	.064	3.61E+06	.44	.088	1.06E+06	.51	.025	257
13	147	HART	GA	5.92E+07	.40	.785	4.43E+06	.20	.098	6.92E+06	.39	.069	4.81E+06	.79	.048	231
13	149	HEARD	GA	1.94E+07	.20	.831	8.90E+05	.25	.079	2.82E+06	.49	.091				245
13	151	HENRY	GA	3.74E+07	.28	.770	2.66E+06	.20	.102	3.88E+06	.39	.059	4.45E+06	.78	.068	244
13	153	HOUSTON	GA	2.61E+07	.27	.594	1.53E+07	.23	.133	8.16E+06	.71	.139	7.81E+06	1.04	.133	252
13	155	IRWIN	GA	5.66E+07	.38	.876	3.99E+07	.33	.076	3.65E+06	.36	.042	4.73E+05	.47	.005	277
13	157	JACKSON	GA	7.09E+07	.34	.832	9.87E+05	.18	.078	7.48E+06	.38	.066	2.72E+06	.88	.024	245
13	159	JASPER	GA	4.16E+07	.21	.757	7.79E+05	.32	.128	6.10E+06	.48	.083	2.34E+06	.75	.032	250
13	161	JEFF DAVIS	GA	1.50E+07	.21	.797	2.91E+07	.39	.094	1.73E+06	.59	.069	1.02E+06	1.05	.040	284
13	163	JEFFERSON	GA	3.44E+07	.24	.371	2.91E+07	.25	.270	7.21E+06	.57	.089	5.60E+06	.76	.069	256
13	165	JENKINS	GA	4.02E+07	.31	.320	2.57E+07	.28	.233	6.65E+06	.58	.064	1.88E+07	.85	.183	267
13	167	JOHNSON	GA	2.72E+07	.20	.844	1.33E+07	.23	.076	2.35E+06	.42	.059	8.70E+05	1.05	.020	264
13	169	JONES	GA	2.37E+07	.20	.588	5.82E+05	.20	.195	4.80E+06	.62	.089	6.85E+06	.80	.127	252
13	171	LAMAR	GA	3.24E+07	.33	.796	2.29E+06	.24	.104	2.34E+06	.41	.043	3.02E+06	.74	.055	250
13	173	LANIER	GA	6.74E+06	.19	.780	9.99E+06	.41	.081	8.00E+05	.82	.070	8.05E+05	.82	.070	285
13	175	LAURENS	GA	6.46E+07	.24	.847	4.82E+07	.24	.068	6.34E+06	.52	.061	2.46E+06	.56	.023	263
13	177	LEE	GA	4.44E+07	.16	.725	2.85E+07	.36	.105	5.31E+06	.69	.065	8.57E+06	.94	.105	259
13	179	LIBERTY	GA	4.04E+06	.04	.840	1.04E+06	.33	.054	2.65E+05	.34	.041	4.18E+05	.75	.065	290
13	181	LINCOLN	GA	1.95E+07	.18	.799	6.34E+05	.33	.067	3.68E+06	.44	.113	7.14E+05	.59	.022	253
13	183	LONG	GA	3.04E+06	.13	.359	1.44E+05	.19	.097	2.50E+06	1.13	.343				291
13	185	LOWNDES	GA	4.47E+07	.31	.772	3.00E+07	.35	.103	9.47E+06	.68	.109	1.17E+06	.77	.015	301
13	187	LUMPKIN	GA	2.06E+07	.35	.860	4.52E+05	.30	.068	2.30E+06	.40	.072				232
13	189	MC DUFFIE	GA	1.78E+07	.20	.710	2.00E+06	.25	.075	5.30E+06	.60	.165	1.67E+06	.68	.049	257
13	191	MC INTOSH	GA	2.09E+06	.14	.816	7.16E+04	.48	.048	4.17E+05	.45	.122	4.75E+04	.67	.014	298
13	193	MACON	GA	5.36E+07	.34	.675	2.33E+07	.26	.134	8.40E+06	.62	.082	1.15E+07	.90	.109	254

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
13	195	MADISON	GA	4.37E+07	.32	.840	4.15E+06	.19	.071	5.41E+06	.41	.078	8.03E+05	.49	.011	247
13	197	MARION	GA	1.00E+07	.16	.784	5.36E+06	.30	.070	4.02E+06	.66	.131	4.41E+05	.32	.015	256
13	199	MERIWETHER	GA	5.82E+07	.19	.752	3.37E+06	.29	.097	1.28E+07	.68	.124	2.67E+06	.69	.026	253
13	201	MILLER	GA	6.96E+07	.37	.847	2.90E+07	.30	.064	6.46E+06	.49	.059	3.34E+06	.68	.031	286
13	205	MITCHELL	GA	1.03E+08	.37	.829	4.39E+07	.30	.139	9.04E+06	.47	.055	4.54E+06	.71	.028	283
13	207	MONROE	GA	3.53E+07	.27	.545	1.22E+06	.28	.241	9.01E+06	.57	.104	9.46E+06	.70	.109	251
13	209	MONTGOMERY	GA	2.21E+07	.22	.842	2.30E+07	.36	.093	1.38E+06	.56	.040	1.44E+05	.58	.004	268
13	211	MORGAN	GA	7.46E+07	.28	.627	2.99E+06	.26	.223	1.41E+07	.52	.089	9.74E+06	.74	.061	251
13	213	MURRAY	GA	1.98E+07	.32	.803	3.01E+06	.21	.084	2.78E+06	.29	.085	9.52E+05	.67	.029	230
13	215	MUSCOGEE	GA	3.59E+06	.16	.811			.051	8.15E+05	.46	.138				290
13	217	NEWTON	GA	3.91E+07	.27	.724	4.07E+05	.22	.132	5.02E+06	.46	.070	5.33E+06	.70	.074	249
13	219	OCONEE	GA	3.30E+07	.26	.826	1.89E+06	.14	.078	3.95E+06	.37	.074	1.10E+06	.91	.021	251
13	221	OGLETHORPE	GA	4.17E+07	.23	.793	2.13E+06	.20	.069	7.34E+06	.44	.105	2.31E+06	.74	.033	248
13	223	PAULDING	GA	1.87E+07	.29	.841	4.84E+05	.28	.043	2.17E+06	.32	.076	9.74E+05	.56	.019	242
13	225	PEACH	GA	1.43E+07	.37	.598	8.31E+06	.21	.136	4.98E+06	.71	.156	3.52E+06	.96	.110	252
13	227	PICKENS	GA	1.69E+07	.33	.885			.056	1.91E+06	.27	.059				233
13	229	PIERCE	GA	3.23E+07	.30	.709	3.46E+07	.39	.155	5.90E+06	.46	.097	2.36E+06	.67	.039	291
13	231	PIKE	GA	3.54E+07	.24	.869	3.23E+06	.23	.055	2.88E+06	.45	.053	1.21E+06	1.18	.022	252
13	233	POLK	GA	3.42E+07	.31	.795	8.15E+05	.21	.111	4.54E+06	.37	.079	8.39E+05	.74	.015	239
13	235	PULASKI	GA	2.53E+07	.26	.930	1.02E+07	.25	.056	4.00E+06	.74	.098	6.14E+05	.61	.015	252
13	237	PUTNAM	GA	5.63E+07	.35	.590	2.40E+05	.31	.318	7.16E+06	.57	.056	4.55E+06	.73	.036	282
13	239	QUITMAN	GA	1.05E+07	.25	.840	1.24E+06	.17	.052	1.75E+06	.77	.105	4.27E+04	.47	.002	271
13	241	RABUN	GA	8.61E+06	.35	.755	7.17E+05	.44	.077	1.53E+06	.36	.103	9.62E+05	1.07	.064	217
13	243	RANDOLPH	GA	3.32E+07	.19	.789	1.56E+07	.30	.072	5.41E+06	.52	.096	2.41E+06	.64	.043	270
13	245	RICHMOND	GA	8.60E+06	.17	.734	3.86E+06	.21	.118	1.55E+06	.45	.099	7.70E+05	.97	.049	259
13	247	ROCKDALE	GA	9.24E+06	.19	.671	6.26E+03	.01	.093	4.32E+06	.62	.235				244
13	249	SCHLEY	GA	1.62E+07	.19	.794	6.32E+06	.32	.106	2.71E+06	.63	.100				256
13	251	SCREVEN	GA	5.60E+07	.32	.764	4.40E+07	.26	.102	9.32E+06	.61	.095	3.81E+06	.59	.039	269
13	253	SEMINOLE	GA	5.21E+07	.40	.876	1.90E+07	.29	.070	2.92E+06	.36	.037	1.41E+06	.54	.018	292
13	255	SPALDING	GA	3.86E+07	.33	.810	2.70E+06	.26	.091	3.31E+06	.35	.052	2.97E+06	.76	.046	245
13	257	STEPHENS	GA	1.88E+07	.37	.783	4.22E+05	.29	.076	3.16E+06	.50	.098	1.37E+06	1.25	.043	226
13	259	STEWART	GA	2.24E+07	.23	.870	4.88E+06	.22	.052	2.68E+06	.41	.078				259
13	261	SUMTER	GA	1.42E+08	.68	.855	3.95E+07	.32	.071	1.08E+07	.54	.049	5.71E+06	.52	.025	257
13	263	TALBOT	GA	2.39E+07	.15	.852	1.31E+05	.18	.056	3.45E+06	.59	.092				259
13	265	TALIAFERRO	GA	1.44E+07	.17	.728	2.63E+04	.31	.161	2.90E+06	.49	.110				253
13	267	TATTNALL	GA	4.50E+07	.26	.798	3.78E+07	.34	.075	8.36E+06	.69	.111	1.19E+06	.74	.016	274
13	269	TAYLOR	GA	1.71E+07	.17	.821	6.30E+06	.22	.058	3.31E+06	.60	.119	2.99E+04	.34	.001	254
13	271	TELFAIR	GA	2.89E+07	.21	.856	1.36E+07	.24	.079	2.25E+06	.46	.050	6.69E+05	.91	.015	266
13	273	TERRELL	GA	3.37E+07	.27	.875	2.89E+07	.32	.063	2.11E+06	.47	.041	1.09E+06	.71	.021	269
13	275	THOMAS	GA	6.04E+07	.21	.733	4.59E+07	.35	.107	1.11E+07	.73	.100	6.51E+06	.85	.059	285
13	277	TIFT	GA	5.13E+07	.31	.866	3.29E+07	.39	.073	4.04E+06	.52	.051	7.20E+05	.94	.009	278
13	279	TOOMBS	GA	3.65E+07	.33	.798	3.25E+07	.35	.075	6.47E+06	.65	.105	1.98E+06	1.19	.032	270
13	281	TOWNS	GA	7.93E+06	.39	.741	6.61E+05	.35	.107	1.55E+06	.39	.109	6.18E+05	.96	.043	215
13	283	TREUTLEN	GA	1.51E+07	.23	.834	9.78E+06	.30	.070	1.73E+06	.61	.072	5.78E+05	.43	.024	266
13	285	TROUP	GA	3.33E+07	.18	.714	5.16E+05	.18	.127	5.67E+06	.47	.091	4.02E+06	.97	.064	256
13	287	TURNER	GA	4.48E+07	.18	.836	1.82E+07	.32	.119	1.93E+06	.45	.027	1.29E+06	.39	.018	259
13	289	TWIGGS	GA	9.54E+06	.31	.779	6.40E+06	.30	.069	2.24E+06	.50	.137	2.42E+05	1.00	.015	252
13	291	UNION	GA	1.81E+07	.35	.739	1.78E+06	.42	.075	3.52E+06	.42	.108	2.54E+06	1.11	.078	230
13	293	UPSON	GA	3.12E+07	.24	.789	5.56E+05	.24	.077	4.73E+06	.44	.090	2.33E+06	.92	.044	253
13	295	WALKER	GA	5.46E+07	.23	.728	3.48E+06	.34	.089	1.45E+07	.37	.145	3.79E+06	.84	.038	230
13	297	WALTON	GA	4.52E+07	.28	.761	2.35E+06	.20	.090	9.28E+06	.52	.117	2.49E+06	.86	.031	249
13	299	WARE	GA	1.50E+07	.18	.851	1.14E+07	.40	.067	1.91E+06	.65	.082	1.98E+04	.18	.001	299
13	301	WARREN	GA	2.86E+07	.22	.735	4.27E+06	.24	.125	3.98E+06	.48	.076	3.30E+06	.62	.064	256
13	303	WASHINGTON	GA	4.04E+07	.25	.685	2.01E+07	.27	.107	1.05E+07	.67	.134	5.83E+06	.88	.074	253
13	305	WAYNE	GA	2.64E+07	.34	.809	2.21E+07	.33	.086	4.14E+06	.58	.095	4.04E+05	.59	.009	292
13	307	WEBSTER	GA	1.41E+07	.20	.825	8.17E+06	.31	.051	2.24E+06	.98	.098	5.88E+05	.80	.025	258

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
13	309	WHEELER	GA	1.99E+07	.17	.828	1.81E+07	.30	.068	3.12E+06	.56	.097	2.39E+05	.26	.007	244
13	311	WHITE	GA	2.54E+07	.48	.834	7.82E+05	.49	.090	3.08E+06	.43	.076				231
13	313	WHITFIELD	GA	2.64E+07	.25	.762	1.65E+06	.20	.080	7.00E+06	.39	.151	3.12E+05	.99	.007	230
13	315	WILCOX	GA	4.47E+07	.31	.868	1.24E+07	.25	.075	3.05E+06	.50	.044	8.22E+05	.53	.012	257
13	317	WILKES	GA	6.62E+07	.19	.752	6.86E+05	.23	.114	1.08E+07	.49	.091	5.01E+06	.84	.043	252
13	319	WILKINSON	GA	1.42E+07	.25	.740	5.36E+06	.32	.081	3.90E+06	.61	.156	6.59E+04	.33	.003	252
13	321	WORTH	GA	9.38E+07	.34	.826	5.08E+07	.33	.096	3.93E+06	.46	.026	7.91E+06	.81	.052	278
16	0		ID	2.66E+09	.08	.364	6.05E+08	.23	.174	3.41E+09	.64	.412	4.07E+08	1.22	.049	
16	1	ADA	ID	8.59E+07	.15	.299	1.18E+07	.38	.186	1.25E+08	.84	.354	5.67E+07	1.29	.160	164
16	3	ADAMS	ID	4.91E+07	.08	.724	4.05E+05	.14	.057	1.94E+07	.38	.214	3.59E+05	1.25	.004	183
16	5	BANNOCK	ID	5.81E+07	.08	.487	1.42E+07	.15	.108	5.91E+07	.59	.394	1.63E+06	1.45	.010	152
16	7	BEAR LAKE	ID	6.88E+07	.08	.404	7.09E+06	.17	.112	9.15E+07	.39	.482	3.03E+05	.64	.001	159
16	9	BENEWAH	ID	1.24E+07	.07	.554	6.54E+06	.24	.066	1.14E+07	.33	.380				157
16	11	BINGHAM	ID	1.72E+08	.07	.335	3.66E+07	.27	.189	2.23E+08	.71	.448	1.36E+07	1.05	.028	145
16	13	BLAINE	ID	6.87E+07	.08	.407	5.58E+06	.24	.077	6.01E+07	.62	.507	1.03E+06	1.11	.009	139
16	15	BOISE	ID	1.26E+07	.03	.626	4.33E+05	.22	.061	8.38E+06	.39	.313				152
16	17	BONNER	ID	3.21E+07	.08	.495	1.22E+06	.17	.107	3.36E+07	.36	.393	3.39E+05	1.33	.004	140
16	19	BONNEVILLE	ID	9.33E+07	.11	.369	3.02E+07	.23	.125	1.26E+08	.70	.496	2.48E+06	1.24	.010	131
16	21	BOUNDARY	ID	1.87E+07	.23	.432	8.80E+06	.26	.102	2.63E+07	.55	.458	4.58E+05	.68	.008	137
16	23	BUTTE	ID	4.44E+07	.10	.338	6.07E+06	.25	.086	6.94E+07	.63	.574	2.18E+05	.90	.001	135
16	25	CAMAS	ID	1.17E+06			3.92E+06	.11	.044	6.28E+07	.28	.945	7.24E+05	1.66	.011	144
16	27	CANYON	ID	6.38E+07	.18	.154	3.38E+07	.42	.404	1.56E+08	.95	.301	7.39E+07	1.34	.142	162
16	29	CARIBOU	ID	7.87E+07	.04	.406	4.11E+07	.19	.095	1.02E+08	.60	.495	6.85E+05	.90	.003	154
16	31	CASSIA	ID	8.36E+07	.06	.196	3.36E+07	.28	.257	2.09E+08	.81	.479	2.96E+07	1.17	.067	147
16	33	CLARK	ID	4.82E+07	.04	.439	2.04E+06	.22	.048	2.54E+07	.45	.311	2.01E+05	.74	.002	123
16	35	CLEARWATER	ID	1.49E+07	.04	.564	3.27E+06	.23	.077	1.25E+07	.35	.358				117
16	37	CUSTER	ID	8.99E+07	.22	.618	1.64E+06	.20	.051	5.80E+07	.52	.331				130
16	39	ELMORE	ID	9.35E+07	.07	.513	1.02E+07	.32	.054	9.06E+07	.59	.403	6.65E+06	1.29	.029	153
16	41	FRANKLIN	ID	4.07E+07	.09	.253	1.35E+07	.16	.220	8.54E+07	.62	.408	2.48E+07	1.18	.118	160
16	43	FREMONT	ID	9.59E+07	.11	.607	2.15E+07	.18	.095	5.07E+07	.50	.292	1.06E+06	.92	.006	125
16	45	GEM	ID	6.61E+07	.10	.492	3.28E+06	.31	.136	4.44E+07	.66	.265	1.80E+07	1.15	.107	157
16	47	GOODING	ID	1.27E+08	.22	.412	1.14E+07	.41	.225	1.02E+08	.86	.291	2.46E+07	1.23	.071	143
16	49	IDAHO	ID	1.37E+08	.04	.680	2.53E+07	.26	.068	6.25E+07	.36	.252	3.72E+04	.24		122
16	51	JEFFERSON	ID	3.11E+07	.05	.068	1.76E+07	.29	.141	2.25E+08	.76	.766	7.19E+06	.91	.025	127
16	53	JEROME	ID	2.82E+07	.10	.099	1.46E+07	.43	.275	1.45E+08	1.00	.579	1.18E+07	1.19	.047	139
16	55	KOOTENAI	ID	2.26E+07	.05	.515	8.41E+06	.20	.096	2.17E+07	.33	.379	6.27E+05	1.19	.011	145
16	57	LATAH	ID	3.00E+07	.07	.495	3.25E+07	.27	.074	3.43E+07	.39	.430				160
16	59	LEMHI	ID	1.03E+08	.17	.596	1.20E+06	.22	.067	7.38E+07	.46	.337				106
16	61	LEWIS	ID	1.58E+07	.05	.497	1.72E+07	.26	.067	1.84E+07	.40	.436				160
16	63	LINCOLN	ID	4.01E+07	.15	.306	4.50E+06	.27	.113	7.07E+07	.83	.460	9.21E+06	.87	.060	141
16	65	MADISON	ID	4.38E+07	.17	.418	2.89E+07	.25	.141	9.43E+07	.67	.418	2.87E+06	1.39	.022	128
16	67	MINIDOKA	ID	1.46E+07	.03		3.21E+07	.41	.390	1.54E+08	.97	.512	2.95E+07	1.21	.098	141
16	69	NEZ PERCE	ID	6.37E+07	.06	.671	1.82E+07	.30	.098	2.88E+07	.44	.228	3.20E+05	1.39	.002	166
16	71	ONEIDA	ID	5.27E+07	.12	.461	1.23E+07	.12	.081	6.26E+07	.58	.433	3.44E+06	.97	.024	152
16	73	OWYHEE	ID	1.83E+08	.09	.557	1.42E+07	.34	.093	1.23E+08	.68	.293	2.38E+07	1.26	.057	138
16	75	PAYETTE	ID	7.19E+07	.20	.441	4.42E+06	.31	.195	5.64E+07	.81	.267	2.04E+07	1.32	.097	177
16	77	POWER	ID	8.43E+07	.14	.706	1.61E+07	.19	.054	3.59E+07	.69	.229	1.70E+06	1.11	.010	147
16	79	SHOSHONE	ID	1.23E+06	.07	.323	7.83E+04	.21	.125	2.74E+06	.50	.551				122
16	81	TETON	ID	2.63E+07	.15	.363	1.23E+07	.17	.112	4.38E+07	.43	.525				127
16	83	TWIN FALLS	ID	1.86E+08	.13	.367	2.52E+07	.39	.138	2.58E+08	.98	.445	2.93E+07	1.26	.050	136
16	85	VALLEY	ID	2.76E+07	.07	.773	2.29E+06	.19	.055	8.06E+06	.27	.169	8.17E+04	1.01	.001	152

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	HAY: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
16	87	WASHINGTON	ID	1.06E+08	.04	.534	6.46E+04	.24	.089	8.88E+07	.53	.739	8.68E+06	1.24	.037	181
17	0		IL	4.55E+07	.20	.479	1.58E+10	.19	.220	2.56E+09	.52	.208	1.13E+09	.76	.092	
17	1	ADAMS	IL	1.23E+08	.25	.592	1.77E+09	.37	.155	5.18E+07	.47	.193	1.60E+07	.76	.060	195
17	3	ALEXANDER	IL	1.27E+07	.28	.740	1.41E+07	.20	.067	3.86E+06	.41	.169	5.47E+05	.66	.024	230
17	5	BOND	IL	3.61E+07	.26	.457	5.65E+07	.27	.215	2.23E+07	.48	.215	1.17E+07	.70	.113	214
17	7	BOONE	IL	2.57E+07	.52	.264	8.48E+07	.32	.317	2.80E+07	.61	.226	2.38E+07	.87	.193	168
17	9	BROWN	IL	4.60E+07	.18	.687	4.17E+07	.32	.090	1.57E+07	.46	.181	3.59E+06	.62	.041	194
17	11	BUREAU	IL	5.73E+07	.29	.432	3.96E+08	.44	.284	3.52E+07	.60	.210	1.24E+07	.84	.073	169
17	13	CALHOUN	IL	3.05E+07	.17	.678	3.22E+07	.45	.088	1.24E+07	.52	.241	1.13E+06	.57	.019	212
17	15	CARROLL	IL	7.17E+07	.33	.280	1.70E+08	.45	.348	7.21E+07	.62	.216	5.19E+07	.88	.155	163
17	17	CASS	IL	3.83E+07	.25	.697	1.16E+08	.45	.163	7.75E+06	.45	.106	2.44E+06	.76	.034	195
17	19	CHAMPAIGN	IL	2.97E+07	.39	.565	4.97E+08	.45	.179	1.16E+07	.53	.181	4.78E+06	.86	.075	192
17	21	CHRISTIAN	IL	3.85E+07	.31	.663	3.10E+08	.46	.159	9.95E+06	.45	.131	3.50E+06	.94	.046	202
17	23	CLARK	IL	3.33E+07	.19	.634	8.34E+07	.27	.146	1.21E+07	.43	.177	2.96E+06	.61	.043	204
17	25	CLAY	IL	2.76E+07	.23	.612	4.16E+07	.22	.100	1.46E+07	.39	.251	2.07E+06	.57	.036	214
17	27	CLINTON	IL	4.77E+07	.58	.293	7.99E+07	.30	.288	5.37E+07	.60	.249	3.65E+07	.78	.169	215
17	29	COLES	IL	2.08E+07	.24	.542	1.80E+08	.41	.190	8.68E+06	.47	.179	4.35E+06	.77	.090	205
17	31	COOK	IL	5.34E+05	.02	.052	1.68E+07	.24	.219	7.99E+06	.44	.649	9.96E+05	.52	.081	190
17	33	CRAWFORD	IL	2.14E+07	.23	.557	6.42E+07	.29	.178	1.07E+07	.43	.214	2.59E+06	.56	.052	206
17	35	CUMBERLAND	IL	2.29E+07	.24	.476	6.14E+07	.28	.205	1.21E+07	.45	.194	7.77E+06	.94	.124	205
17	37	DE KALB	IL	2.12E+07	.32	.134	2.75E+08	.41	.507	2.44E+07	.60	.133	4.12E+07	.89	.226	175
17	39	DE WITT	IL	2.87E+07	.32	.669	2.00E+08	.47	.133	9.01E+06	.53	.160	2.14E+06	.67	.038	197
17	41	DOUGLAS	IL	1.21E+07	.27	.458	2.25E+08	.45	.224	7.56E+06	.55	.225	3.16E+06	.78	.094	193
17	43	DU PAGE	IL	1.08E+06	.07	.141	2.56E+07	.32	.315	3.60E+06	.47	.423	1.63E+06	.56	.121	185
17	45	EDGAR	IL	4.52E+07	.26	.627	2.35E+08	.38	.179	1.19E+07	.49	.128	6.16E+06	.74	.066	203
17	47	EDWARDS	IL	3.65E+07	.31	.609	4.40E+07	.32	.146	1.32E+07	.44	.202	2.83E+06	.59	.043	220
17	49	EFFINGHAM	IL	5.08E+07	.33	.397	8.01E+07	.30	.227	3.38E+07	.52	.202	2.91E+07	.82	.174	213
17	51	FAYETTE	IL	5.47E+07	.23	.547	8.19E+07	.25	.145	3.18E+07	.43	.244	8.34E+06	.65	.064	213
17	53	FORD	IL	1.53E+07	.34	.390	2.15E+08	.38	.278	1.10E+07	.55	.228	5.03E+06	.80	.104	191
17	55	FRANKLIN	IL	2.60E+07	.24	.559	2.84E+07	.20	.101	1.67E+07	.44	.273	4.07E+06	.88	.066	224
17	57	FULTON	IL	1.08E+08	.22	.651	1.45E+08	.34	.135	3.37E+07	.51	.157	1.23E+07	.56	.058	190
17	59	GALLATIN	IL	1.92E+07	.25	.741	7.49E+07	.37	.099	3.58E+06	.38	.104	1.95E+06	.87	.056	222
17	61	GREENE	IL	6.21E+07	.19	.486	1.52E+08	.42	.291	2.34E+07	.53	.139	1.40E+07	.96	.083	210
17	63	GRUNDY	IL	1.54E+07	.33	.528	1.48E+08	.36	.203	6.15E+06	.50	.164	3.92E+06	.60	.105	177
17	65	HAMILTON	IL	2.76E+07	.19	.595	4.50E+07	.23	.093	1.44E+07	.38	.289	1.08E+06	.54	.022	222
17	67	HANCOCK	IL	1.12E+08	.25	.625	2.50E+08	.43	.169	3.68E+07	.48	.158	1.10E+07	.81	.047	195
17	69	HARDIN	IL	2.42E+07	.25	.742	4.46E+06	.35	.060	8.25E+06	.34	.190	3.76E+05	.38	.009	224
17	71	HENDERSON	IL	6.07E+07	.29	.598	1.55E+08	.52	.191	2.25E+07	.52	.167	5.89E+06	.85	.044	193
17	73	HENRY	IL	7.91E+07	.28	.325	3.34E+08	.40	.333	6.70E+07	.60	.217	3.83E+07	.72	.124	170
17	75	IROQUOIS	IL	5.90E+07	.41	.445	5.02E+08	.41	.250	3.14E+07	.57	.184	2.04E+07	.93	.120	180
17	77	JACKSON	IL	4.48E+07	.23	.614	3.03E+07	.22	.117	2.21E+07	.41	.229	3.83E+06	.68	.040	225
17	79	JASPER	IL	2.80E+07	.27	.493	7.34E+07	.26	.194	1.51E+07	.45	.206	7.82E+06	.75	.106	206
17	81	JEFFERSON	IL	4.34E+07	.23	.580	4.27E+07	.22	.122	2.64E+07	.40	.269	2.88E+06	.60	.029	223
17	83	JERSEY	IL	5.15E+07	.31	.596	8.65E+07	.43	.159	1.96E+07	.55	.172	8.36E+06	.84	.073	214
17	85	JO DAVIESS	IL	1.38E+08	.27	.387	8.67E+07	.35	.217	1.46E+08	.47	.313	3.94E+07	.72	.084	170
17	87	JOHNSON	IL	4.53E+07	.22	.644	1.41E+07	.32	.104	2.02E+07	.37	.216	3.38E+06	.81	.036	227
17	89	KANE	IL	3.05E+07	.45	.224	1.40E+08	.36	.369	3.77E+07	.66	.212	3.46E+07	.76	.195	180
17	91	KANKAKEE	IL	1.84E+07	.32	.407	2.52E+08	.36	.259	1.16E+07	.52	.198	7.93E+06	.74	.136	182
17	93	KENDALL	IL	8.87E+06	.23	.184	1.21E+08	.37	.444	9.63E+06	.57	.164	1.18E+07	.87	.205	178
17	95	KNOX	IL	1.20E+08	.30	.616	2.77E+08	.47	.172	4.18E+07	.54	.164	1.22E+07	.65	.048	188
17	97	LAKE	IL	3.57E+06	.07	.084	2.35E+07	.25	.220	2.23E+07	.53	.569	4.98E+06	.49	.127	182

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
17	99	LA SALLE	IL	6.41E+07	.40	.471	5.13E+08	.43	.262	2.69E+07	.59	.160	1.78E+07	.85	.106	174
17	101	LAURENCE	IL	2.16E+07	.26	.607	7.04E+07	.32	.128	1.08E+07	.45	.232	1.46E+06	.73	.031	211
17	103	LEE	IL	3.98E+07	.36	.310	2.83E+08	.37	.340	3.36E+07	.61	.208	2.31E+07	.83	.142	168
17	105	LIVINGSTON	IL	3.79E+07	.36	.450	4.40E+08	.37	.238	2.08E+07	.55	.198	1.20E+07	.80	.114	189
17	107	LOGAN	IL	3.09E+07	.39	.525	3.10E+08	.46	.224	1.37E+07	.53	.184	4.91E+06	.81	.066	198
17	109	MC DONOUGH	IL	8.75E+07	.28	.657	2.52E+08	.49	.144	2.65E+07	.54	.154	7.80E+06	.80	.045	193
17	111	MC HENRY	IL	4.89E+07	.38	.227	1.17E+08	.35	.292	8.05E+07	.63	.286	5.51E+07	.74	.196	178
17	113	MC LEAN	IL	6.26E+07	.35	.500	6.32E+08	.46	.233	2.66E+07	.57	.166	1.60E+07	.81	.100	189
17	115	MACON	IL	1.99E+07	.39	.690	2.54E+08	.43	.129	6.02E+06	.50	.164	4.09E+05	.61	.016	200
17	117	MACOUPIN	IL	9.28E+07	.25	.525	2.45E+08	.43	.230	3.64E+07	.50	.160	1.95E+07	.90	.085	206
17	119	MADISON	IL	5.47E+07	.33	.428	1.22E+08	.35	.218	4.39E+07	.53	.262	1.56E+07	.81	.093	211
17	121	MARION	IL	4.06E+07	.21	.537	5.14E+07	.22	.141	2.58E+07	.41	.263	5.80E+06	.67	.059	214
17	123	MARSHALL	IL	2.44E+07	.23	.474	1.33E+08	.38	.230	1.40E+07	.58	.216	5.22E+06	.63	.080	177
17	125	MASON	IL	2.29E+07	.28	.605	1.50E+08	.36	.111	1.30E+07	.51	.264	9.88E+05	.54	.020	192
17	127	MASSAC	IL	4.83E+07	.31	.714	2.71E+07	.33	.086	1.49E+07	.40	.166	3.05E+06	.73	.034	228
17	129	MENARD	IL	3.07E+07	.31	.623	1.45E+08	.49	.214	8.36E+06	.54	.130	2.15E+06	.89	.034	200
17	131	MERCER	IL	8.40E+07	.27	.584	2.50E+08	.52	.177	3.96E+07	.57	.213	4.68E+06	.72	.025	186
17	133	MONROE	IL	1.76E+07	.24	.422	5.73E+07	.31	.263	1.62E+07	.50	.304	3.77E+06	.72	.070	220
17	135	MONTGOMERY	IL	5.78E+07	.32	.520	2.07E+08	.40	.201	2.84E+07	.46	.196	1.20E+07	.77	.082	205
17	137	MORGAN	IL	7.34E+07	.29	.668	2.43E+08	.52	.173	1.83E+07	.49	.130	4.21E+06	.70	.030	202
17	139	MOULTRIE	IL	1.44E+07	.31	.599	1.54E+08	.45	.148	6.55E+06	.56	.211	1.29E+06	.74	.041	200
17	141	OGLE	IL	9.52E+07	.44	.326	2.52E+08	.37	.334	6.94E+07	.63	.184	5.89E+07	.77	.156	162
17	143	PEORIA	IL	5.66E+07	.30	.616	1.61E+08	.39	.158	2.20E+07	.53	.185	4.87E+06	.53	.041	182
17	145	PERRY	IL	3.63E+07	.21	.530	3.68E+07	.22	.134	2.38E+07	.41	.262	6.68E+06	.55	.073	224
17	147	PIATT	IL	1.54E+07	.33	.542	2.35E+08	.45	.226	4.54E+06	.49	.126	3.80E+06	.89	.106	193
17	149	PIKE	IL	1.37E+08	.23	.636	1.76E+08	.38	.119	5.06E+07	.52	.184	1.12E+07	.71	.040	207
17	151	POPE	IL	3.27E+07	.23	.663	1.30E+07	.34	.087	1.45E+07	.35	.230	1.26E+06	.76	.020	225
17	153	PULASKI	IL	2.29E+07	.35	.629	1.71E+07	.25	.122	1.00E+07	.48	.206	2.08E+06	.74	.043	230
17	155	PUTNAM	IL	1.35E+07	.21	.541	6.49E+07	.45	.247	4.67E+06	.45	.142	2.29E+06	.83	.070	173
17	157	RANDOLPH	IL	5.89E+07	.28	.486	6.07E+07	.28	.176	4.14E+07	.46	.259	1.24E+07	.66	.078	221
17	159	RICHLAND	IL	2.43E+07	.27	.568	5.22E+07	.28	.141	1.28E+07	.44	.226	3.68E+06	.72	.065	208
17	161	ROCK ISLAND	IL	4.27E+07	.25	.499	1.22E+08	.45	.134	2.75E+07	.60	.254	6.76E+06	.85	.063	171
17	163	ST CLAIR	IL	3.48E+07	.30	.462	1.21E+08	.35	.123	2.20E+07	.52	.225	8.75E+06	.78	.089	219
17	165	SALINE	IL	2.90E+07	.30	.643	4.58E+07	.33	.092	1.48E+07	.38	.246	1.11E+06	.43	.019	223
17	167	SANGAMON	IL	6.04E+07	.34	.649	3.73E+08	.48	.143	1.82E+07	.54	.154	6.38E+06	.77	.054	204
17	169	SCHUYLER	IL	6.27E+07	.20	.674	4.90E+07	.25	.116	1.89E+07	.46	.156	6.52E+06	.48	.054	194
17	171	SCOTT	IL	3.10E+07	.25	.708	6.44E+07	.41	.120	8.27E+06	.49	.144	1.63E+06	.61	.028	208
17	173	SHELBY	IL	4.95E+07	.29	.548	2.11E+08	.37	.191	1.98E+07	.48	.169	1.08E+07	.83	.092	202
17	175	STARK	IL	1.64E+07	.25	.443	1.69E+08	.51	.249	1.17E+07	.65	.245	2.99E+06	.86	.063	177
17	177	STEPHENSON	IL	1.13E+08	.53	.293	1.65E+08	.36	.288	1.51E+08	.65	.298	6.08E+07	.78	.120	152
17	179	TAZEWELL	IL	4.31E+07	.32	.558	2.65E+08	.45	.175	1.60E+07	.52	.163	1.02E+07	1.09	.103	185
17	181	UNION	IL	5.13E+07	.26	.670	1.91E+07	.23	.093	2.15E+07	.37	.211	2.70E+06	.62	.026	227
17	183	VERMILION	IL	3.09E+07	.24	.475	3.39E+08	.41	.295	1.29E+07	.54	.155	4.26E+06	.71	.075	192
17	185	WABASH	IL	1.22E+07	.29	.436	4.48E+07	.34	.211	7.07E+06	.46	.215	2.89E+06	.75	.088	213
17	187	WARREN	IL	8.84E+07	.38	.604	3.06E+08	.55	.214	2.87E+07	.55	.151	5.74E+06	.83	.030	191
17	189	WASHINGTON	IL	4.58E+07	.39	.373	9.92E+07	.30	.261	3.77E+07	.45	.235	2.11E+07	.83	.131	220
17	191	WAYNE	IL	6.28E+07	.25	.590	6.85E+07	.21	.123	3.29E+07	.38	.234	7.42E+06	.61	.052	221
17	193	WHITE	IL	3.63E+07	.28	.638	9.51E+07	.31	.099	1.66E+07	.45	.220	3.16E+06	.70	.042	221
17	195	WHITESIDE	IL	7.03E+07	.34	.327	2.38E+08	.38	.330	5.21E+07	.64	.186	4.42E+07	.88	.157	167
17	197	WILL	IL	2.16E+07	.25	.297	1.57E+08	.27	.271	2.49E+07	.50	.265	1.57E+07	.70	.167	184
17	199	WILLIAMSON	IL	2.65E+07	.22	.628	1.66E+07	.26	.101	1.38E+07	.35	.247	1.31E+06	.78	.023	225
17	201	WINNEBAGO	IL	4.81E+07	.38	.307	8.98E+07	.31	.276	4.78E+07	.59	.237	3.42E+07	.61	.179	163
17	203	WOODFORD	IL	3.71E+07	.27	.435	2.29E+08	.41	.296	1.80E+07	.56	.177	9.39E+06	.62	.092	186

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	---- GRAIN ---- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	---- HAY ---- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	---- SILAGE ---- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
18	0		IN	3.23E+09	.28	.509	7.58E+09	.37	.199	1.66E+09	.48	.202	7.42E+08	.78	.090	
18	1	ADAMS	IN	2.68E+07	.46	.328	8.10E+07	.30	.300	2.31E+07	.51	.226	1.50E+07	.80	.147	181
18	3	ALLEN	IN	3.17E+07	.34	.363	1.22E+08	.31	.291	2.36E+07	.46	.217	1.40E+07	.66	.129	178
18	5	BARTHOLOMEW	IN	2.34E+07	.22	.447	9.32E+07	.43	.278	1.42E+07	.51	.298	4.59E+06	.85	.067	200
18	7	BENTON	IN	2.31E+07	.37	.596	2.01E+08	.46	.172	7.94E+06	.62	.161	3.49E+06	1.21	.071	184
18	9	BLACKFORD	IN	8.94E+06	.29	.334	2.55E+07	.23	.246	6.14E+06	.42	.212	4.56E+06	.72	.158	184
18	11	BOONE	IN	5.64E+07	.43	.673	1.04E+08	.30	.146	1.30E+07	.48	.120	6.70E+06	.72	.061	187
18	13	BROWN	IN	6.47E+06	.20	.537	3.04E+06	.34	.110	5.31E+06	.40	.335	2.77E+05	1.11	.017	200
18	15	CARROLL	IN	3.08E+07	.29	.537	1.62E+08	.44	.196	1.29E+07	.56	.180	6.25E+06	.78	.087	180
18	17	CASS	IN	3.70E+07	.32	.509	1.31E+08	.39	.210	1.70E+07	.48	.187	8.58E+06	.77	.094	179
18	19	CLARK	IN	4.43E+07	.27	.613	2.66E+07	.40	.124	2.05E+07	.42	.214	4.64E+06	1.14	.049	211
18	21	CLAY	IN	2.34E+07	.22	.537	6.44E+07	.34	.176	1.11E+07	.43	.193	5.32E+06	.76	.093	205
18	23	CLINTON	IN	2.48E+07	.34	.596	1.18E+08	.30	.193	7.36E+06	.50	.140	3.70E+06	.59	.070	183
18	25	CRAWFORD	IN	3.33E+07	.21	.661	7.54E+06	.39	.076	1.50E+07	.39	.225	2.56E+06	.94	.038	213
18	27	DAVIESS	IN	8.02E+07	.43	.586	1.26E+08	.48	.206	2.25E+07	.43	.184	1.33E+07	.94	.084	211
18	29	DEARBORN	IN	3.25E+07	.15	.527	1.23E+07	.34	.142	2.31E+07	.43	.289	3.37E+06	.76	.042	196
18	31	DECATUR	IN	3.74E+07	.25	.410	1.45E+08	.50	.325	1.63E+07	.50	.138	1.49E+07	1.08	.126	199
18	33	DE KALB	IN	2.61E+07	.40	.361	5.05E+07	.25	.257	2.09E+07	.47	.234	1.33E+07	.61	.148	177
18	35	DELAWARE	IN	3.07E+07	.43	.494	9.64E+07	.35	.227	1.52E+07	.56	.190	7.08E+06	.77	.088	185
18	37	DUBOIS	IN	7.57E+07	.32	.593	8.31E+07	.49	.148	3.17E+07	.44	.188	1.21E+07	1.00	.071	213
18	39	ELKHART	IN	7.27E+07	.62	.395	6.24E+07	.27	.256	4.04E+07	.49	.168	4.37E+07	.61	.181	172
18	41	FAYETTE	IN	3.03E+07	.24	.589	5.16E+07	.43	.168	1.29E+07	.49	.190	3.49E+06	.91	.052	190
18	43	FLOYD	IN	1.48E+07	.26	.600	4.22E+06	.39	.126	7.79E+06	.41	.238	1.19E+06	1.02	.036	217
18	45	FOUNTAIN	IN	3.38E+07	.23	.619	1.03E+08	.38	.112	1.69E+07	.52	.244	1.77E+06	.78	.025	186
18	47	FRANKLIN	IN	4.28E+07	.17	.513	5.12E+07	.41	.186	2.40E+07	.48	.220	8.93E+06	.80	.082	190
18	49	FULTON	IN	4.06E+07	.33	.449	7.60E+07	.29	.225	2.36E+07	.49	.201	1.47E+07	.73	.125	176
18	51	GIBSON	IN	3.17E+07	.31	.570	1.53E+08	.45	.193	1.12E+07	.47	.153	6.17E+06	1.21	.084	214
18	53	GRANT	IN	2.67E+07	.31	.426	1.08E+08	.38	.274	1.22E+07	.44	.157	1.10E+07	.92	.142	184
18	55	GREENE	IN	6.22E+07	.22	.565	6.39E+07	.39	.127	3.66E+07	.44	.251	8.44E+06	.98	.058	208
18	57	HAMILTON	IN	2.95E+07	.29	.572	8.84E+07	.34	.178	1.19E+07	.48	.184	4.19E+06	.85	.065	189
18	59	HANCOCK	IN	2.58E+07	.36	.598	1.03E+08	.41	.143	1.15E+07	.48	.217	2.17E+06	.69	.041	191
18	61	HARRISON	IN	7.63E+07	.28	.611	3.19E+07	.40	.132	3.92E+07	.43	.236	3.56E+06	.93	.022	216
18	63	HENDRICKS	IN	4.36E+07	.31	.547	6.93E+07	.30	.184	2.13E+07	.51	.205	6.51E+06	.67	.054	.92
18	65	HENRY	IN	4.76E+07	.39	.559	1.14E+08	.40	.176	1.97E+07	.49	.181	9.20E+06	1.10	.084	190
18	67	HOWARD	IN	1.89E+07	.37	.558	1.09E+08	.41	.237	5.89E+06	.51	.137	2.88E+06	.66	.067	181
18	69	HUNTINGTON	IN	2.15E+07	.29	.459	8.51E+07	.32	.219	1.33E+07	.50	.226	5.59E+06	.71	.094	179
18	71	JACKSON	IN	5.02E+07	.32	.523	9.61E+07	.44	.217	2.50E+07	.48	.199	7.46E+06	1.05	.060	203
18	73	JASPER	IN	3.09E+07	.26	.428	2.28E+08	.43	.352	6.84E+06	.45	.073	1.39E+07	1.08	.148	182
18	75	JAY	IN	2.99E+07	.29	.450	5.37E+07	.23	.220	2.11E+07	.47	.256	6.15E+06	.66	.074	184
18	77	JEFFERSON	IN	4.59E+07	.20	.627	2.39E+07	.36	.141	1.87E+07	.42	.193	3.72E+06	.90	.038	205
18	79	JENNINGS	IN	3.53E+07	.21	.645	4.11E+07	.36	.128	1.43E+07	.42	.198	2.11E+06	.74	.029	202
18	81	JOHNSON	IN	2.42E+07	.27	.391	8.50E+07	.43	.293	1.56E+07	.61	.196	9.47E+06	.92	.119	197
18	83	KNOX	IN	3.86E+07	.27	.473	1.77E+08	.48	.174	2.88E+07	.61	.265	9.55E+06	.93	.088	211
18	85	KOSCIUSKO	IN	5.69E+07	.35	.391	1.08E+08	.30	.258	3.54E+07	.52	.193	2.92E+07	.69	.159	175
18	87	LAGRANGE	IN	7.50E+07	.42	.411	6.15E+07	.29	.253	5.16E+07	.53	.218	2.82E+07	.66	.119	175
18	89	LAKE	IN	1.74E+07	.31	.382	8.69E+07	.37	.229	1.62E+07	.53	.271	7.03E+06	.85	.118	183
18	91	LA PORTE	IN	2.39E+07	.24	.273	1.25E+08	.34	.257	3.34E+07	.56	.295	1.98E+07	.68	.175	174
18	93	LAWRENCE	IN	7.53E+07	.23	.623	2.77E+07	.38	.104	3.72E+07	.46	.231	6.60E+06	.99	.041	209
18	95	MADISON	IN	2.86E+07	.39	.527	1.41E+08	.40	.198	1.36E+07	.50	.199	5.21E+06	.72	.076	187
18	97	MARION	IN	1.24E+07	.32	.459	3.35E+07	.36	.240	7.18E+06	.36	.210	3.13E+06	.80	.091	192
18	99	MARSHALL	IN	4.24E+07	.40	.369	7.90E+07	.28	.253	3.22E+07	.54	.219	2.34E+07	.64	.160	173
18	101	MARTIN	IN	2.54E+07	.20	.610	2.03E+07	.45	.126	1.14E+07	.45	.205	3.23E+06	.81	.058	211
18	103	MIAMI	IN	4.09E+07	.38	.470	1.01E+08	.38	.232	1.81E+07	.52	.163	1.51E+07	.83	.135	179
18	105	MONROE	IN	2.83E+07	.21	.563	1.13E+07	.38	.128	1.82E+07	.42	.275	2.19E+06	.82	.033	205
18	107	MONTGOMERY	IN	5.35E+07	.31	.577	1.31E+08	.32	.166	2.14E+07	.51	.182	8.96E+06	.75	.076	185

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M882	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M882	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M882	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M882	SILAGE FRAC.	FROST-FREE DAYS
18	109	MORGAN	IN	2.67E+07	.22	.546	6.27E+07	.40	.146	1.60E+07	.53	.254	3.40E+06	.85	.051	197
18	111	NEWTON	IN	2.77E+07	.24	.556	2.13E+08	.51	.241	6.15E+06	.61	.095	6.97E+06	1.03	.108	183
18	113	NOBLE	IN	3.66E+07	.30	.331	6.60E+07	.30	.270	3.74E+07	.57	.271	1.76E+07	.65	.127	176
18	115	OHIO	IN	1.44E+07	.17	.597	4.77E+06	.43	.123	7.76E+06	.42	.241	1.26E+06	.87	.039	200
18	117	ORANGE	IN	4.84E+07	.25	.595	2.99E+07	.43	.155	2.24E+07	.43	.207	4.67E+06	.94	.043	212
18	119	OWEN	IN	3.09E+07	.17	.522	2.15E+07	.33	.099	2.53E+07	.48	.328	3.86E+06	.94	.050	204
18	121	PARKE	IN	3.26E+07	.19	.373	6.95E+07	.33	.131	1.66E+07	.49	.223	5.36E+06	.72	.072	201
18	123	PERRY	IN	3.32E+07	.22	.606	1.45E+07	.37	.105	1.94E+07	.39	.265	1.71E+06	.81	.023	214
18	125	PIKE	IN	1.88E+07	.29	.653	4.72E+07	.42	.143	5.93E+06	.38	.135	1.86E+06	.75	.049	213
18	127	PORTER	IN	1.39E+07	.21	.366	9.24E+07	.37	.175	1.46E+07	.56	.300	7.77E+06	.83	.159	179
18	129	POSEY	IN	2.44E+07	.27	.352	1.25E+08	.43	.171	1.09E+07	.50	.186	5.36E+06	1.00	.091	219
18	131	PULASKI	IN	2.50E+07	.20	.483	1.29E+08	.33	.222	1.10E+07	.51	.163	8.87E+06	.80	.131	177
18	133	PUTNAM	IN	6.35E+07	.24	.582	6.49E+07	.29	.157	2.85E+07	.51	.199	9.77E+06	.68	.061	201
18	135	RANDOLPH	IN	3.73E+07	.29	.520	1.23E+08	.35	.197	1.90E+07	.44	.208	6.88E+06	.89	.075	185
18	137	RIPLEY	IN	4.55E+07	.23	.550	4.69E+07	.34	.159	2.28E+07	.46	.208	9.03E+06	.92	.082	200
18	139	RUSH	IN	4.78E+07	.31	.497	1.64E+08	.47	.264	2.01E+07	.53	.161	9.52E+06	.99	.076	190
18	141	ST JOSEPH	IN	1.70E+07	.35	.294	7.39E+07	.29	.271	1.87E+07	.49	.253	1.34E+07	.69	.182	168
18	143	SCOTT	IN	2.33E+07	.35	.690	1.92E+07	.41	.124	6.78E+06	.38	.151	1.50E+06	.93	.034	208
18	145	SHELBY	IN	4.01E+07	.40	.585	1.58E+08	.46	.195	1.45E+07	.52	.163	5.03E+06	.94	.057	191
18	147	SPENCER	IN	5.56E+07	.30	.587	6.01E+07	.37	.140	2.89E+07	.44	.230	5.31E+06	1.16	.042	214
18	149	STARKE	"	9.85E+06	.23	.437	7.03E+07	.32	.206	4.73E+06	.41	.163	5.64E+06	.63	.194	175
18	151	STEUBEN	IN	2.67E+07	.29	.291	3.71E+07	.27	.262	3.02E+07	.50	.277	1.84E+07	.62	.169	177
18	153	SULLIVAN	IN	2.70E+07	.26	.432	7.69E+07	.35	.131	1.12E+07	.43	.198	2.27E+06	.63	.040	209
18	155	SWITZERLAND	IN	2.70E+07	.14	.551	9.00E+06	.37	.196	1.34E+07	.39	.206	3.04E+06	.84	.046	201
18	157	TIPPECANOE	IN	4.02E+07	.31	.620	1.25E+08	.32	.167	1.47E+07	.49	.177	2.99E+06	.63	.036	182
18	159	TIPTON	IN	1.64E+07	.40	.614	9.92E+07	.39	.198	5.11E+06	.51	.155	1.07E+06	.73	.033	183
18	161	UNION	IN	2.19E+07	.26	.556	5.32E+07	.50	.232	7.04E+06	.47	.138	3.77E+06	1.07	.074	189
18	163	VANDERBURGH	IN	7.79E+06	.32	.465	5.32E+07	.41	.212	5.49E+06	.44	.252	1.55E+06	1.02	.071	217
18	165	VERMILLION	IN	1.96E+07	.25	.590	4.82E+07	.34	.173	6.82E+06	.43	.160	3.24E+06	.80	.076	202
18	167	VIGO	IN	2.07E+07	.22	.603	5.05E+07	.30	.131	9.42E+06	.47	.209	2.57E+06	.66	.057	206
18	169	WABASH	IN	3.74E+07	.31	.376	1.13E+08	.36	.305	1.95E+07	.52	.153	2.11E+07	.78	.166	178
18	171	WARREN	IN	3.51E+07	.25	.705	1.28E+08	.45	.089	1.17E+07	.51	.181	1.58E+06	.77	.025	185
18	173	WARRICK	IN	2.27E+07	.26	.543	5.06E+07	.37	.160	1.30E+07	.46	.234	3.48E+06	.92	.063	215
18	175	WASHINGTON	IN	1.00E+08	.34	.613	5.90E+07	.44	.151	3.82E+07	.45	.176	1.29E+07	1.01	.059	213
18	177	WAYNE	IN	5.78E+07	.34	.474	9.99E+07	.44	.215	3.25E+07	.55	.204	1.71E+07	1.05	.107	189
18	179	WELLS	IN	1.64E+07	.34	.344	9.57E+07	.31	.295	1.30E+07	.51	.220	8.27E+06	.72	.139	178
18	181	WHITE	IN	4.22E+07	.44	.595	1.94E+08	.41	.202	1.04E+07	.50	.113	8.19E+06	.94	.089	183
18	183	WHITLEY	IN	3.33E+07	.37	.409	6.30E+07	.28	.250	2.16E+07	.50	.213	1.30E+07	.65	.128	177
19	0		IA	9.07E+09	.33	.441	1.89E+10	.40	.259	5.35E+09	.39	.202	2.60E+09	.78	.098	
19	1	ADAIR	IA	1.47E+08	.30	.553	1.17E+08	.29	.156	7.89E+07	.52	.227	2.23E+07	.67	.064	184
19	3	ADAMS	IA	1.06E+08	.27	.589	6.10E+07	.23	.147	4.71E+07	.47	.199	1.35E+07	.55	.065	185
19	5	ALLAMAKEE	IA	1.69E+08	.28	.423	1.07E+08	.42	.199	1.62E+08	.66	.308	3.69E+07	.91	.070	171
19	7	APPANOOSE	IA	1.22E+08	.26	.622	4.47E+07	.30	.079	6.39E+07	.47	.257	1.04E+07	.65	.042	192
19	9	AUDUBON	IA	1.09E+08	.46	.455	1.36E+08	.34	.270	5.82E+07	.60	.186	2.79E+07	.70	.089	181
19	11	BENTON	IA	1.19E+08	.44	.440	3.47E+08	.48	.245	7.32E+07	.64	.209	3.69E+07	1.07	.106	187
19	13	BLACK HAWK	IA	5.30E+07	.42	.344	2.61E+08	.48	.306	4.74E+07	.64	.240	2.18E+07	1.04	.110	175
19	15	BOONE	IA	5.37E+07	.29	.465	2.92E+08	.49	.289	2.40E+07	.62	.168	1.11E+07	.99	.077	179
19	17	BREMER	IA	7.83E+07	.59	.396	1.77E+08	.44	.269	5.90E+07	.65	.229	2.72E+07	.99	.106	167
19	19	BUCHANAN	IA	8.91E+07	.48	.441	2.55E+08	.47	.251	5.48E+07	.57	.204	2.70E+07	1.04	.101	169
19	21	BUENA VISTA	IA	5.57E+07	.41	.397	2.89E+08	.45	.335	2.58E+07	.70	.149	2.05E+07	.94	.118	169
19	23	BUTLER	IA	8.49E+07	.45	.463	2.35E+08	.41	.251	4.89E+07	.59	.205	1.75E+07	.88	.081	172

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
19	25	CALHOUN	IA	5.27E+07	.47	.448	2.92E+08	.46	.303	2.22E+07	.61	.153	1.39E+07	1.00	.096	180
19	27	CARROLL	IA	6.36E+07	.35	.243	2.43E+08	.40	.450	4.58E+07	.64	.133	5.95E+07	.84	.174	180
19	29	CASS	IA	1.21E+08	.33	.469	1.33E+08	.29	.256	5.98E+07	.54	.176	3.34E+07	.58	.099	185
19	31	CEDAR	IA	9.95E+07	.38	.427	2.75E+08	.47	.257	6.60E+07	.66	.224	2.69E+07	.91	.091	178
19	33	CERRO GORDO	IA	4.72E+07	.36	.433	2.65E+08	.43	.236	2.72E+07	.63	.196	1.84E+07	.93	.133	163
19	35	CHEROKEE	IA	1.11E+08	.48	.364	2.37E+08	.44	.393	4.41E+07	.69	.111	5.19E+07	.92	.131	168
19	37	CHICKASAW	IA	7.94E+07	.41	.402	1.49E+08	.35	.228	5.83E+07	.59	.225	3.74E+07	.82	.145	166
19	39	CLARKE	IA	1.19E+08	.25	.652	3.80E+07	.23	.082	5.36E+07	.41	.224	9.98E+06	.49	.042	187
19	41	CLAY	IA	6.53E+07	.42	.339	1.92E+08	.35	.334	3.37E+07	.62	.148	3.59E+07	.77	.158	159
19	43	CLAYTON	IA	2.04E+08	.34	.421	2.19E+08	.46	.228	1.90E+08	.65	.294	3.66E+07	.95	.057	169
19	45	CLINTON	IA	1.18E+08	.42	.342	2.51E+08	.40	.322	8.03E+07	.66	.188	5.45E+07	.82	.127	171
19	47	CRAWFORD	IA	1.91E+08	.46	.331	2.08E+08	.33	.235	8.17E+07	.65	.174	2.79E+07	.61	.059	179
19	49	DALLAS	IA	5.97E+07	.25	.475	2.35E+08	.42	.260	2.73E+07	.56	.168	1.58E+07	.72	.097	182
19	51	DAVIS	IA	1.26E+08	.24	.575	6.02E+07	.33	.107	7.30E+07	.46	.281	9.43E+06	.66	.037	193
19	53	DECATUR	IA	1.42E+08	.22	.635	4.92E+07	.29	.081	6.47E+07	.42	.220	1.84E+07	.53	.063	191
19	55	DELAWARE	IA	1.18E+08	.43	.362	2.31E+08	.45	.267	1.17E+08	.66	.273	4.20E+07	.95	.097	172
19	57	DES MOINES	IA	5.94E+07	.29	.545	1.44E+08	.49	.186	2.18E+07	.58	.158	1.25E+07	.96	.091	189
19	59	DICKINSON	IA	5.18E+07	.40	.351	1.17E+08	.31	.294	3.15E+07	.61	.170	3.42E+07	.71	.184	158
19	61	DUBUQUE	IA	1.48E+08	.35	.338	1.65E+08	.41	.283	1.71E+08	.65	.295	4.81E+07	.92	.083	179
19	63	EMMET	IA	3.83E+07	.33	.384	1.74E+08	.44	.351	1.80E+07	.69	.140	1.57E+07	.97	.122	158
19	65	FAYETTE	IA	1.48E+08	.41	.391	2.01E+08	.45	.259	1.28E+08	.67	.257	4.61E+07	1.00	.093	169
19	67	FLOYD	IA	4.39E+07	.37	.382	1.81E+08	.35	.259	3.39E+07	.59	.220	2.14E+07	.77	.139	164
19	69	FRANKLIN	IA	4.91E+07	.38	.343	3.00E+08	.49	.306	3.51E+07	.66	.193	2.84E+07	1.14	.157	166
19	71	FREMONT	IA	7.11E+07	.30	.611	1.33E+08	.29	.194	1.98E+07	.57	.128	1.03E+07	.59	.067	185
19	73	GREENE	IA	6.04E+07	.40	.497	2.68E+08	.43	.273	1.63E+07	.62	.106	1.89E+07	.93	.124	181
19	75	GRUNDY	IA	4.87E+07	.34	.315	2.92E+08	.52	.385	3.79E+07	.68	.197	1.99E+07	1.13	.103	175
19	77	GUTHRIE	IA	1.28E+08	.29	.592	1.32E+08	.32	.158	5.37E+07	.53	.188	1.77E+07	.66	.061	181
19	79	HAMILTON	IA	3.15E+07	.34	.381	2.93E+08	.46	.352	1.51E+07	.64	.145	1.27E+07	.99	.122	176
19	81	HANCOCK	IA	3.73E+07	.39	.320	2.80E+08	.44	.294	3.18E+07	.66	.221	2.36E+07	1.01	.164	164
19	83	HARDIN	IA	4.29E+07	.27	.272	3.22E+08	.53	.492	2.23E+07	.64	.124	2.01E+07	1.04	.112	175
19	85	HARRISON	IA	1.04E+08	.29	.540	1.74E+08	.29	.221	3.67E+07	.63	.145	2.41E+07	.59	.094	182
19	87	HENRY	IA	6.21E+07	.27	.571	1.59E+08	.47	.158	2.81E+07	.52	.203	9.30E+06	.85	.067	190
19	89	HOWARD	IA	8.87E+07	.43	.433	9.30E+07	.25	.207	6.37E+07	.59	.237	3.32E+07	.66	.123	164
19	91	HUMBOLDT	IA	2.67E+07	.48	.337	2.36E+08	.47	.354	1.64E+07	.71	.181	1.16E+07	1.06	.128	168
19	93	IDA	IA	9.21E+07	.51	.439	1.84E+08	.44	.335	3.99E+07	.68	.145	2.21E+07	.77	.080	170
19	95	IOWA	IA	1.23E+08	.28	.469	1.69E+08	.40	.187	9.18E+07	.60	.266	2.69E+07	.88	.078	188
19	97	JACKSON	IA	1.48E+08	.24	.398	1.22E+08	.37	.234	1.50E+08	.65	.299	3.92E+07	.82	.078	175
19	99	JASPER	IA	1.51E+08	.39	.511	2.54E+08	.42	.215	7.58E+07	.56	.197	2.93E+07	.81	.076	186
19	101	JEFFERSON	IA	7.28E+07	.29	.577	1.02E+08	.38	.133	3.77E+07	.45	.239	8.06E+06	.62	.051	190
19	103	JOHNSON	IA	1.01E+08	.35	.476	1.79E+08	.41	.190	6.77E+07	.57	.260	1.93E+07	.90	.074	180
19	105	JONES	IA	1.17E+08	.33	.385	1.93E+08	.44	.272	9.19E+07	.68	.234	4.28E+07	.98	.109	175
19	107	KEOKUK	IA	1.09E+08	.29	.562	1.89E+08	.43	.155	5.59E+07	.51	.229	1.34E+07	.78	.055	189
19	109	KOSSUTH	IA	6.48E+07	.48	.331	5.09E+08	.46	.375	4.06E+07	.70	.166	3.12E+07	1.10	.177	165
19	111	LEE	IA	8.00E+07	.25	.527	1.33E+08	.43	.209	3.37E+07	.47	.175	1.70E+07	.90	.088	195
19	113	LINN	IA	9.98E+07	.38	.465	2.45E+08	.44	.201	7.15E+07	.63	.260	2.04E+07	.89	.074	175
19	115	LOUISA	IA	4.39E+07	.28	.587	1.50E+08	.48	.180	1.79E+07	.57	.180	5.27E+06	.84	.053	188
19	117	LUCAS	IA	1.20E+08	.27	.655	3.70E+07	.26	.088	4.72E+07	.43	.199	1.35E+07	.53	.057	187
19	119	LYON	IA	1.32E+08	.47	.379	1.56E+08	.27	.356	5.59E+07	.60	.124	6.42E+07	.58	.142	156
19	121	MADISON	IA	1.44E+08	.28	.451	1.00E+08	.31	.121	4.89E+07	.48	.167	1.79E+07	.62	.061	182
19	123	MAHASKA	IA	9.64E+07	.34	.458	1.89E+08	.42	.255	4.99E+07	.55	.181	2.90E+07	.96	.106	188
19	125	MARION	IA	1.09E+08	.30	.540	1.11E+08	.34	.181	5.46E+07	.53	.212	1.70E+07	.66	.066	186
19	127	MARSHALL	IA	8.21E+07	.37	.439	2.90E+08	.50	.277	4.83E+07	.66	.202	1.95E+07	1.00	.082	177
19	129	MILLS	IA	4.46E+07	.28	.385	1.10E+08	.29	.338	1.99E+07	.61	.131	2.21E+07	.67	.146	184
19	131	MITCHELL	IA	6.95E+07	.51	.373	1.46E+08	.32	.267	4.08E+07	.59	.169	4.59E+07	.74	.191	159
19	133	MONONA	IA	1.17E+08	.33	.354	2.02E+08	.32	.243	3.04E+07	.65	.109	2.61E+07	.62	.094	171
19	135	MONROE	IA	1.09E+08	.24	.642	3.97E+07	.29	.084	4.75E+07	.46	.216	1.23E+07	.60	056	190

IS	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	HAY: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
19	137	MONTGOMERY	IA	8.26E+07	.36	.493	9.84E+07	.30	.230	3.72E+07	.56	.169	2.38E+07	.64	.100	185
19	139	MUSCATINE	IA	7.66E+07	.37	.531	1.58E+08	.44	.196	3.52E+07	.62	.190	1.56E+07	.93	.084	184
19	141	O'BRIEN	IA	3.76E+07	.25	.135	2.36E+08	.39	.546	3.68E+07	.70	.124	5.17E+07	.85	.175	159
19	143	OSCEOLA	IA	3.31E+07	.37	.198	1.24E+08	.29	.487	2.69E+07	.59	.138	3.45E+07	.68	.176	158
19	145	PAGE	IA	1.12E+08	.32	.568	1.01E+08	.25	.203	4.49E+07	.51	.172	1.49E+07	.51	.057	185
19	147	PALO ALTO	IA	3.88E+07	.40	.336	2.63E+08	.44	.348	2.54E+07	.70	.174	2.07E+07	1.07	.142	158
19	149	PLYMOUTH	IA	1.51E+08	.42	.368	3.15E+08	.35	.373	7.07E+07	.64	.133	6.78E+07	.69	.127	161
19	151	POCAHONTAS	IA	3.57E+07	.48	.326	2.94E+08	.45	.398	1.96E+07	.65	.143	1.82E+07	1.07	.133	168
19	153	POLK	IA	5.24E+07	.37	.563	1.63E+08	.39	.179	2.30E+07	.58	.191	8.06E+06	.81	.067	185
19	155	POTTAWATTAMI	IA	8.04E+07	.23	.240	2.30E+08	.27	.441	6.71E+07	.63	.154	6.30E+07	.60	.145	184
19	157	POWESHIEK	IA	1.29E+08	.36	.516	1.89E+08	.38	.160	8.84E+07	.62	.271	1.73E+07	.81	.053	187
19	159	RINGGOLD	IA	1.38E+08	.24	.582	4.63E+07	.21	.109	7.86E+07	.43	.250	1.83E+07	.49	.058	192
19	161	SAC	IA	3.49E+07	.17	.139	2.71E+08	.45	.495	4.85E+07	.71	.161	6.19E+07	.97	.205	178
19	163	SCOTT	IA	5.87E+07	.44	.387	1.70E+08	.44	.298	3.55E+07	.65	.181	2.61E+07	.83	.133	171
19	165	SHELBY	IA	9.90E+07	.40	.409	2.09E+08	.34	.323	5.00E+07	.63	.157	3.50E+07	.69	.110	182
19	167	SIOUX	IA	1.27E+08	.72	.210	3.26E+08	.39	.506	9.06E+07	.68	.115	1.34E+08	.78	.169	158
19	169	STORY	IA	4.83E+07	.42	.459	2.85E+08	.47	.299	1.80E+07	.59	.139	1.32E+07	.88	.102	179
19	171	TAMA	IA	1.16E+08	.38	.481	3.14E+08	.49	.231	7.18E+07	.64	.230	1.79E+07	1.00	.058	177
19	173	TAYLOR	IA	1.30E+08	.27	.614	5.23E+07	.19	.113	6.19E+07	.45	.222	1.43E+07	.42	.051	185
19	175	UNION	IA	1.27E+08	.28	.630	4.87E+07	.24	.117	5.10E+07	.44	.192	1.62E+07	.51	.061	184
19	177	VAN BUREN	IA	1.02E+08	.21	.619	7.74E+07	.34	.095	4.98E+07	.48	.241	9.46E+06	.69	.046	191
19	179	WAPELLO	IA	5.83E+07	.20	.534	9.11E+07	.41	.137	3.72E+07	.45	.265	8.88E+06	.90	.043	189
19	181	WARREN	IA	1.37E+08	.28	.621	1.00E+08	.33	.113	5.93E+07	.48	.203	1.84E+07	.63	.043	185
19	183	WASHINGTON	IA	6.97E+07	.25	.484	2.05E+08	.43	.200	4.56E+07	.53	.251	1.16E+07	.79	.064	189
19	185	WAYNE	IA	1.44E+08	.28	.616	7.22E+07	.31	.096	7.41E+07	.46	.243	1.37E+07	.54	.045	193
19	187	WEBSTER	IA	4.04E+07	.33	.492	3.65E+08	.48	.242	1.89E+07	.63	.184	8.36E+06	1.03	.082	171
19	189	WINNEBAGO	IA	2.22E+07	.38	.349	1.79E+08	.41	.278	1.97E+07	.68	.245	1.03E+07	.91	.128	162
19	191	WINNESHIEK	IA	1.82E+08	.37	.398	1.71E+08	.40	.217	1.79E+08	.68	.297	5.30E+07	.88	.088	166
19	193	WOODBURY	IA	1.57E+08	.35	.434	2.78E+08	.34	.329	5.83E+07	.68	.127	5.07E+07	.63	.110	168
19	195	WORTH	IA	3.38E+07	.39	.394	1.62E+08	.39	.263	2.12E+07	.62	.205	1.44E+07	.92	.139	158
19	197	WRIGHT	IA	3.78E+07	.32	.470	3.20E+08	.47	.256	1.81E+07	.68	.185	8.62E+06	.96	.098	168
20	0		KS	8.66E+09	.11	.526	5.48E+09	.29	.228	3.66E+09	.44	.169	1.66E+09	.46	.076	
20	1	ALLEN	KS	1.00E+08	.18	.638	2.90E+07	.17	.127	4.21E+07	.33	.202	6.84E+06	.36	.033	204
20	3	ANDERSON	KS	9.05E+07	.14	.577	2.66E+07	.15	.114	5.19E+07	.32	.249	1.24E+07	.42	.060	206
20	5	ATCHISON	KS	7.43E+07	.[illegible]	.603	5.55E+07	.25	.140	2.89E+07	.41	.177	1.30E+07	.49	.079	201
20	7	BARBER	KS	2.37E+08	.[illegible]	[illegible]4	1.40E+07	.18	.072	2.69E+07	.56	.071	8.64E+06	.19	.022	203
20	9	BARTON	KS				5.46E+07	.25	.666	8.31E+07	.58	.241	3.21E+07	.68	.093	195
20	11	BOURBON	KS	1.43E+08	.17	.678	2.53E+07	.19	.101	5.18E+07	.35	.185	1.01E+07	.40	.036	204
20	13	BROWN	KS	8.53E+07	.23	.532	1.04E+08	.26	.193	3.09E+07	.42	.145	2.76E+07	.47	.130	178
20	15	BUTLER	KS	1.73E+08	.09	.443	4.88E+07	.21	.351	8.65E+07	.35	.168	1.95E+07	.51	.038	209
20	17	CHASE	KS	1.02E+08	.07	.662	1.06E+07	.19	.128	3.04E+07	.46	.149	1.23E+07	.45	.061	202
20	19	CHAUTAUQUA	KS	1.36E+08	.12	.818	4.32E+06	.18	.066	2.45E+07	.38	.111	1.25E+06	.81	.006	210
20	21	CHEROKEE	KS	8.44E+07	.24	.754	3.92E+07	.18	.077	2.19E+07	.30	.147	3.36E+06	.46	.022	215
20	23	CHEYENNE	KS	7.67E+07	.08	.691	6.22E+07	.44	.098	2.32E+07	.63	.147	7.88E+06	.21	.054	159
20	25	CLARK	KS	1.04E+08	.06	.679	9.60E+06	.21	.245	1.17E+07	.48	.056	4.12E+06	.15	.019	188
20	27	CLAY	KS	8.44E+07	.14	.585	7.01E+07	.28	.147	2.97E+07	.39	.154	2.18E+07	.55	.114	191
20	29	CLOUD	KS	8.05E+07	.14	.626	6.50E+07	.27	.104	3.32E+07	.44	.196	1.25E+07	.45	.074	189
20	31	COFFEY	KS	9.39E+07	.12	.610	3.20E+07	.17	.114	4.18E+07	.26	.204	1.44E+07	.39	.071	206
20	33	COMANCHE	KS	1.11E+08	.08	.714	9.24E+06	.18	.092	2.85E+07	.40	.137	1.18E+07	.34	.057	199
20	35	COWLEY	KS	1.56E+08	.10	.593	2.91E+07	.24	.210	5.91E+07	.41	.172	8.13E+06	.55	.024	214
20	37	CRAWFORD	KS	1.17E+08	.22	.728	4.02E+07	.20	.110	2.92E+07	.33	.136	5.39E+06	.39	.025	209

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
20	39	DECATUR	KS	7.30E+07	.09	.514	2.67E+07	.24	.259	3.00E+07	.46	.159	1.28E+07	.29	.067	159
20	41	DICKINSON	KS	8.97E+07	.11	.427	8.17E+07	.25	.216	5.44E+07	.45	.205	4.05E+07	.54	.152	199
20	43	DONIPHAN	KS	5.15E+07	.20	.604	1.19E+08	.40	.212	1.45E+07	.56	.130	6.06E+06	.81	.054	202
20	45	DOUGLAS	KS	6.67E+07	.15	.502	2.93E+07	.23	.156	4.33E+07	.42	.247	1.46E+07	.47	.094	202
20	47	EDWARDS	KS	3.61E+07	.08	.364	4.06E+07	.30	.283	3.93E+07	.66	.304	6.28E+06	.36	.049	191
20	49	ELK	KS	1.31E+08	.13	.800	5.09E+06	.18	.059	2.98E+07	.36	.136	9.42E+05	.45	.004	210
20	51	ELLIS	KS	8.39E+07	.08	.566	2.14E+07	.20	.258	2.67E+07	.43	.135	8.17E+06	.15	.041	179
20	53	ELLSWORTH	KS	9.33E+07	.11	.679	1.82E+07	.20	.112	2.83E+07	.40	.173	5.82E+06	.21	.035	196
20	55	FINNEY	KS				1.55E+08	.49	.627	1.01E+08	.89	.256	4.66E+07	.98	.118	176
20	57	FORD	KS	4.23E+07	.06	.237	5.90E+07	.33	.564	3.08E+07	.62	.130	1.63E+07	.59	.069	184
20	59	FRANKLIN	KS	1.00E+08	.19	.592	3.20E+07	.18	.143	4.20E+07	.33	.189	1.69E+07	.44	.076	205
20	61	GEARY	KS	3.73E+07	.09	.564	1.69E+07	.29	.113	2.12E+07	.35	.242	7.00E+06	.70	.080	199
20	63	GOVE	KS	1.10E+08	.09	.476	3.88E+07	.31	.298	2.92E+07	.54	.096	3.98E+07	.58	.130	168
20	65	GRAHAM	KS	9.01E+07	.08	.661	2.09E+07	.22	.081	2.93E+07	.54	.141	1.75E+07	.29	.096	176
20	67	GRANT	KS				1.11E+08	.45	.599	1.44E+07	.91	.190	1.60E+07	.89	.211	175
20	69	GRAY	KS				1.78E+08	.56	.685	4.77E+07	.95	.228	1.82E+07	.96	.087	180
20	71	GREELEY	KS	1.72E+07	.04	.208	3.88E+07	.36	.592	4.72E+06	.37	.043	1.49E+07	.60	.156	167
20	73	GREENWOOD	KS	2.45E+08	.11	.769	1.36E+07	.21	.085	5.26E+07	.35	.124	9.03E+06	.41	.021	208
20	75	HAMILTON	KS	1.84E+07	.03	.264	2.93E+07	.28	.507	1.23E+07	.63	.132	9.00E+06	.42	.097	172
20	77	HARPER	KS	1.47E+08	.21	.732	2.19E+07	.19	.102	3.16E+07	.54	.121	1.18E+07	.44	.045	207
20	79	HARVEY	KS	6.78E+07	.28	.470	6.89E+07	.26	.240	2.81E+07	.47	.166	2.13E+07	.68	.125	205
20	81	HASKELL	KS				2.20E+08	.65	.846	2.33E+07	1.00	.085	1.87E+07	1.05	.068	177
20	83	HODGEMAN	KS	5.84E+07	.07	.381	2.24E+07	.27	.468	8.34E+06	.63	.041	2.22E+07	.63	.109	184
20	85	JACKSON	KS	1.26E+08	.18	.648	3.55E+07	.22	.099	5.46E+07	.32	.214	9.75E+06	.42	.038	201
20	87	JEFFERSON	KS	9.91E+07	.20	.623	4.44E+07	.24	.116	4.27E+07	.38	.202	1.24E+07	.47	.058	202
20	89	JEWELL	KS	1.25E+08	.15	.619	6.81E+07	.24	.132	4.42E+07	.44	.167	2.17E+07	.38	.082	182
20	91	JOHNSON	KS	5.08E+07	.19	.581	2.80E+07	.20	.118	2.88E+07	.38	.248	6.09E+06	.46	.052	206
20	93	KEARNY	KS				6.26E+07	.39	.770	2.24E+07	.63	.117	2.17E+07	.80	.113	174
20	95	KINGMAN	KS	1.16E+08	.13	.618	2.52E+07	.20	.090	5.00E+07	.56	.205	2.12E+07	.45	.087	201
20	97	KIOWA	KS	9.46E+07	.11	.780	2.66E+07	.27	.060	2.11E+07	.73	.133	4.23E+06	.22	.027	191
20	99	LABETTE	KS	1.62E+08	.21	.622	3.39E+07	.18	.213	3.82E+07	.33	.111	1.85E+07	.53	.053	210
20	101	LANE	KS	4.30E+07	.07	.417	2.95E+07	.31	.439	7.07E+06	.52	.052	1.27E+07	.68	.093	177
20	103	LEAVENWORTH	KS	7.47E+07	.21	.537	2.96E+07	.23	.134	4.70E+07	.42	.295	1.37E+07	.47	.074	204
20	105	LINCOLN	KS	9.51E+07	.11	.577	2.19E+07	.19	.083	5.86E+07	.52	.274	1.39E+07	.33	.065	194
20	107	LINN	KS	1.13E+08	.17	.693	3.20E+07	.20	.098	4.01E+07	.31	.186	4.85E+06	.36	.022	205
20	109	LOGAN	KS	7.42E+07	.07	.757	2.48E+07	.31	.080	9.80E+06	.46	.075	1.15E+07	.39	.088	164
20	111	LYON	KS	1.08E+08	.10	.489	3.20E+07	.18	.232	4.70E+07	.28	.160	3.52E+07	.44	.119	205
20	113	MC PHERSON	KS	1.14E+08	.19	.526	1.00E+08	.29	.195	4.52E+07	.50	.166	3.06E+07	.67	.112	202
20	115	MARION	KS	1.37E+08	.15	.554	7.94E+07	.23	.133	6.45E+07	.45	.200	3.63E+07	.55	.112	202
20	117	MARSHALL	KS	1.39E+08	.16	.652	9.02E+07	.21	.127	4.01E+07	.33	.142	2.20E+07	.33	.078	191
20	119	MEADE	KS	1.21E+08	.09	.735	8.92E+07	.47	.052	3.30E+07	.61	.151	1.34E+07	.48	.061	187
20	121	MIAMI	KS	1.21E+08	.21	.637	3.85E+07	.22	.104	5.32E+07	.37	.211	1.21E+07	.48	.048	195
20	123	MITCHELL	KS	6.85E+07	.11	.544	5.06E+07	.23	.224	2.02E+07	.46	.125	1.73E+07	.47	.107	188
20	125	MONTGOMERY	KS	1.21E+08	.17	.730	2.74E+07	.20	.085	3.71E+07	.34	.149	3.75E+06	.40	.017	210
20	127	NORRIS	KS	1.16E+08	.11	.577	2.71E+07	.20	.175	4.80E+07	.36	.180	1.81E+07	.48	.067	200
20	129	NORTON	KS	4.24E+07	.06	.755	6.96E+07	.26	.081	1.01E+07	.80	.135	2.12E+06	.25	.028	175
20	131	NEMAHA	KS	1.13E+08	.16	.529	6.83E+07	.21	.207	4.27E+07	.36	.151	3.20E+07	.32	.113	197
20	133	NEOSHO	KS	1.19E+08	.19	.695	3.01E+07	.18	.129	3.27E+07	.34	.143	7.45E+06	.38	.033	207
20	135	NESS	KS	1.25E+08	.12	.767	2.20E+07	.20	.079	1.94E+07	.45	.069	1.39E+07	.23	.064	179
20	137	NORTON	KS	1.11E+08	.14	.732	2.63E+07	.24	.089	2.43E+07	.47	.121	1.16E+07	.25	.058	159
20	139	OSAGE	KS	1.07E+08	.14	.635	4.09E+07	.19	.112	4.15E+07	.28	.188	1.44E+07	.45	.066	204
20	141	OSBORNE	KS	1.23E+08	.11	.688	3.68E+07	.24	.099	3.34E+07	.48	.144	1.59E+07	.29	.069	181
20	143	OTTAWA	KS	7.02E+07	.10	.499	2.95E+07	.22	.247	2.42E+07	.45	.142	2.07E+07	.5'.	.112	196
20	145	PAWNEE	KS				7.32E+07	.36	.367	7.86E+07	.67	.567	9.09E+06	.52	.066	192
20	147	PHILLIPS	KS	1.54E+08	.14	.693	3.33E+07	.23	.075	5.23E+07	.49	.178	1.55E+07	.24	.052	171
20	149	POTTAWATOMIE	KS	1.38E+08	.12	.637	4.41E+07	.26	.104	5.68E+07	.32	.198	1.74E+07	.45	.061	200

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	FROST-FREE DAYS
20	151	PRATT	KS	9.40E+07	.25	.737	5.35E+07	.29	.060	2.36E+07	.60	.140	1.05E+07	.47	.062	196
20	153	RAWLINS	KS	1.04E+08	.10	.690	2.88E+07	.27	.089	3.10E+07	.64	.157	1.27E+07	.31	.064	162
20	155	RENO	KS	1.45E+08	.18	.560	8.84E+07	.26	.111	6.48E+07	.55	.214	3.59E+07	.58	.115	200
20	157	REPUBLIC	KS	6.24E+07	.12	.438	1.17E+08	.30	.299	3.01E+07	.40	.163	1.84E+07	.52	.100	185
20	159	RICE	KS	5.88E+07	.11	.459	7.13E+07	.29	.213	3.67E+07	.57	.225	1.67E+07	.62	.102	197
20	161	RILEY	KS	7.74E+07	.14	.618	3.52E+07	.27	.124	2.68E+07	.38	.165	1.51E+07	.54	.093	192
20	163	ROOKS	KS	1.04E+08	.10	.705	1.48E+07	.17	.093	3.04E+07	.51	.153	9.66E+06	.18	.049	180
20	165	RUSH	KS	8.57E+07	.18	.760	2.41E+07	.21	.065	1.75E+07	.54	.117	8.69E+06	.29	.058	193
20	167	RUSSELL	KS	8.61E+07	.10	.707	1.61E+07	.16	.083	2.68E+07	.41	.166	6.89E+06	.18	.043	194
20	169	SALINE	KS	9.40E+07	.13	.570	3.33E+07	.22	.199	2.72E+07	.47	.124	2.35E+07	.65	.107	199
20	171	SCOTT	KS				1.01E+08	.45	.695	1.65E+07	.70	.079	4.75E+07	.95	.226	169
20	173	SEDGWICK	KS	7.69E+07	.15	.338	9.00E+07	.27	.226	7.96E+07	.53	.320	2.86E+07	.69	.115	210
20	175	SEWARD	KS	2.29E+07	.06	.200	7.32E+07	.36	.655	1.68E+07	.76	.110	5.32E+06	.63	.034	177
20	177	SHAWNEE	KS	4.97E+07	.12	.505	4.31E+07	.28	.118	3.98E+07	.36	.315	7.83E+06	.47	.062	201
20	179	SHERIDAN	KS	3.75E+07	.05	.254	7.22E+07	.44	.442	2.32E+07	.70	.118	3.62E+07	.64	.185	165
20	181	SHERMAN	KS	4.61E+07	.06	.414	1.01E+08	.49	.269	1.82E+07	.65	.131	2.56E+07	.69	.185	157
20	183	SMITH	KS	1.38E+08	.14	.612	5.06E+07	.22	.143	4.58E+07	.43	.153	2.76E+07	.38	.092	178
20	185	STAFFORD	KS	6.83E+07	.13	.504	6.04E+07	.29	.080	5.28E+07	.59	.294	2.20E+07	.68	.123	195
20	187	STANTON	KS	2.78E+07	.08	.255	1.58E+08	.50	.619	9.97E+06	.90	.069	8.33E+06	.51	.058	174
20	189	STEVENS	KS	8.22E+07	1.29	.814	1.55E+08	.30	.050	1.65E+07	.72	.122	1.76E+06	.27	.013	176
20	191	SUMNER	KS	9.96E+07	.15	.339	4.71E+07	.20	.108	5.60E+07	.54	.246	2.42E+07	.59	.106	213
20	193	THOMAS	KS	5.88E+07	.08	.461	8.15E+07	.37	.351	1.25E+07	.65	.078	1.78E+07	.45	.111	162
20	195	TREGO	KS	1.04E+08	.11	.783	1.35E+07	.19	.074	1.37E+07	.43	.077	1.15E+07	.22	.065	177
20	197	WABAUNSEE	KS	1.31E+08	.11	.670	2.85E+07	.24	.089	4.85E+07	.35	.188	1.36E+07	.47	.052	200
20	199	WALLACE	KS	6.87E+07	.07	.712	6.32E+07	.47	.126	1.28E+07	.43	.100	7.92E+06	.44	.061	163
20	201	WASHINGTON	KS	1.53E+08	.17	.576	8.52E+07	.21	.191	4.24E+07	.35	.121	3.91E+07	.45	.112	190
20	203	WICHITA	KS				1.36E+08	.52	.789	1.13E+07	.73	.062	2.71E+07	.86	.149	168
20	205	WILSON	KS	9.10E+07	.14	.673	2.87E+07	.20	.078	3.95E+07	.38	.220	5.19E+06	.35	.028	209
20	207	WOODSON	KS	8.23E+07	.11	.636	1.77E+07	.18	.155	3.27E+07	.26	.190	3.07E+06	.33	.018	206
20	209	WYANDOTTE	KS	5.09E+06	.13	.368	4.48E+06	.28	.260	4.73E+06	.44	.262	1.99E+06	.60	.110	208
21	0		KY	7.17E+09	.24	.679	1.64E+09	.39	.119	2.20E+09	.41	.157	6.46E+08	1.02	.046	
21	1	ADAIR	KY	1.00E+08	.28	.642	1.19E+07	.40	.168	3.01E+07	.40	.145	9.41E+06	1.03	.045	213
21	3	ALLEN	KY	1.05E+08	.27	.763	8.38E+06	.37	.091	2.46E+07	.37	.135	2.02E+06	.62	.011	221
21	5	ANDERSON	KY	4.51E+07	.19	.630	2.06E+06	.52	.151	1.49E+07	.39	.178	4.01E+06	1.09	.042	204
21	7	BALLARD	KY	4.23E+07	.30	.691	1.82E+07	.21	.125	1.12E+07	.43	.137	3.81E+06	.82	.046	231
21	9	BARREN	KY	2.03E+08	.35	.646	2.79E+07	.45	.159	6.56E+07	.48	.157	1.63E+07	.99	.039	216
21	11	BATH	KY	7.89E+07	.24	.712	5.91E+06	.52	.114	1.86E+07	.40	.126	7.12E+06	1.12	.048	20:
21	13	BELL	KY	1.46E+06	.16	.649	2.45E+05	.53	.089	6.30E+05	.36	.210	1.57E+05	1.12	.052	207
21	15	BOONE	KY	4.38E+07	.19	.611	5.84E+06	.44	.115	1.76E+07	.41	.185	8.40E+06	.98	.088	192
21	17	BOURBON	KY	1.24E+08	.25	.683	2.07E+07	.55	.077	4.27E+07	.45	.180	1.42E+07	1.08	.060	201
21	19	BOYD	KY	1.22E+07	.15	.710	5.90E+05	.39	.113	3.24E+06	.37	.142	8.09E+05	.41	.035	193
21	21	BOYLE	KY	8.53E+07	.32	.684	7.50E+06	.46	.103	2.44E+07	.43	.148	1.06E+07	1.09	.064	203
21	23	BRACKEN	KY	4.35E+07	.15	.584	2.48E+06	.51	.184	1.48E+07	.42	.169	6.30E+06	1.18	.064	192
21	25	BREATHITT	KY	3.64E+06	.04	.708	1.49E+06	.46	.170	6.63E+05	.32	.096	1.78E+05	.64	.025	203
21	27	BRECKINRIDGE	KY	1.53E+08	.24	.759	3.07E+07	.40	.070	3.95E+07	.41	.147	6.17E+06	1.00	.023	214
21	29	BULLITT	KY	3.81E+07	.22	.601	4.32E+06	.39	.132	1.71E+07	.44	.202	5.42E+06	1.04	.064	216
21	31	BUTLER	KY	5.33E+07	.18	.729	1.40E+07	.30	.088	1.50E+07	.35	.134	2.76E+06	.97	.028	220
21	33	CALDWELL	KY	5.88E+07	.25	.648	2.10E+07	.37	.101	2.26E+07	.38	.187	7.83E+06	.92	.064	224
21	35	CALLOWAY	KY	5.62E+07	.31	.705	3.07E+07	.50	.133	1.32E+07	.45	.124	4.02E+06	.93	.037	226
21	37	CAMPBELL	KY	2.05E+07	.19	.590	1.26E+06	.39	.145	1.02E+07	.39	.221	2.02E+06	.78	.044	192
21	39	CARLISLE	KY	3.84E+07	.28	.677	1.37E+07	.24	.125	1.05E+07	.41	.139	4.46E+06	1.17	.058	230

APPENDIX C (CONTINUED)

IR	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	HAY: PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE: PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
21	41	CARROLL	KY	2.74E+07	.17	.677	2.44E+06	.45	.126	9.20E+06	.40	.171	1.40E+06	.58	.026	204
21	43	CARTER	KY	3.18E+07	.12	.720	2.30E+06	.46	.104	8.20E+06	.34	.141	2.05E+06	1.00	.035	194
21	45	CASEY	KY	9.94E+07	.26	.672	7.52E+06	.39	.125	3.01E+07	.39	.153	9.91E+06	1.00	.050	210
21	47	CHRISTIAN	KY	1.29E+08	.30	.760	6.95E+07	.34	.068	3.66E+07	.43	.163	2.19E+06	.84	.010	224
21	49	CLARK	KY	1.03E+08	.26	.747	1.02E+07	.59	.074	2.79E+07	.40	.154	4.38E+06	1.04	.024	201
21	51	CLAY	KY	1.72E+07	.10	.757	1.75E+06	.41	.095	3.30E+06	.32	.109	1.16E+06	1.06	.030	211
21	53	CLINTON	KY	5.35E+07	.27	.735	4.38E+06	.39	.092	1.24E+07	.38	.124	4.92E+06	1.20	.049	214
21	55	CRITTENDEN	KY	5.08E+07	.19	.715	1.41E+07	.34	.069	2.10E+07	.37	.191	2.80E+06	.96	.025	224
21	57	CUMBERLAND	KY	4.45E+07	.18	.720	3.90E+06	.32	.117	1.20E+07	.39	.148	1.46E+06	.90	.018	214
21	59	DAVIESS	KY	7.43E+07	.32	.614	7.89E+07	.40	.169	2.58E+07	.43	.155	1.02E+07	1.00	.061	218
21	61	EDMONSON	KY	4.46E+07	.23	.737	7.54E+06	.34	.102	1.22E+07	.39	.145	1.29E+06	.91	.015	220
21	63	ELLIOTT	KY	1.42E+07	.12	.722	1.18E+06	.41	.091	5.14E+06	.35	.172	4.62E+05	.62	.016	195
21	65	ESTILL	KY	2.57E+07	.19	.768	3.04E+06	.38	.067	5.80E+06	.34	.130	1.58E+06	.95	.035	202
21	67	FAYETTE	KY	9.03E+07	.21	.699	1.10E+07	.58	.069	2.94E+07	.47	.174	9.05E+06	1.15	.058	200
21	69	FLEMING	KY	9.61E+07	.22	.698	1.18E+07	.53	.169	3.47E+07	.43	.165	1.22E+07	1.07	.058	193
21	71	FLOYD	KY	3.00E+06	.12	.724			.109	9.16E+05	.33	.167				194
21	73	FRANKLIN	KY	4.94E+07	.18	.719	2.28E+06	.42	.071	1.40E+07	.40	.175	3.25E+06	1.02	.036	203
21	75	FULTON	KY	2.24E+07	.33	.644	2.01E+07	.23	.088	1.12E+07	.80	.244	1.12E+06	1.03	.025	231
21	77	GALLATIN	KY	1.76E+07	.16	.615	9.29E+05	.32	.154	6.82E+06	.41	.180	1.89E+06	1.17	.050	201
21	79	GARRARD	KY	1.10E+08	.28	.726	5.51E+06	.45	.108	2.49E+07	.42	.123	8.61E+06	1.03	.043	202
21	81	GRANT	KY	5.39E+07	.16	.698	1.96E+06	.38	.110	1.70E+07	.38	.166	2.37E+06	1.24	.028	200
21	83	GRAVES	KY	8.18E+07	.31	.735	6.03E+07	.30	.110	1.83E+07	.40	.124	4.54E+06	.96	.011	228
21	85	GRAYSON	KY	1.14E+08	.24	.711	1.61E+07	.37	.114	3.17E+07	.37	.149	5.63E+06	1.02	.016	220
21	87	GREEN	KY	9.40E+07	.29	.644	1.46E+07	.44	.159	2.77E+07	.41	.142	1.06E+07	1.06	.055	214
21	89	GREENUP	KY	2.26E+07	.12	.720	2.69E+06	.34	.093	6.68E+06	.32	.161	7.30E+05	.82	.010	191
21	91	HANCOCK	KY	2.79E+07	.23	.736	6.40E+06	.31	.067	7.69E+06	.38	.161	7.32E+05	.60	.015	219
21	93	HARDIN	KY	1.43E+08	.30	.642	3.61E+07	.47	.115	4.63E+07	.44	.161	1.80E+07	1.00	.062	214
21	95	[illegible]LAN	KY	1.95E+06	.14	.731	4.44E+04	.24	.005	4.88E+05	.30	.138	1.65E+05	.27	.046	206
21	97	HARRISON	KY	1.07E+08	.22	.732	9.51E+06	.59	.079	3.39E+07	.41	.178	2.62E+06	1.06	.013	201
21	99	HART	KY	1.10E+08	.24	.641	1.42E+07	.44	.162	3.17E+07	.46	.139	1.34E+07	1.05	.058	215
21	101	HENDERSON	KY	7.40E+07	.31	.738	9.89E+07	.44	.076	1.86E+07	.41	.142	3.24E+06	.96	.025	219
21	103	HENRY	KY	8.46E+07	.22	.624	9.65E+06	.49	.146	3.02E+07	.43	.169	1.09E+07	.92	.061	205
21	105	HICKMAN	KY	4.22E+07	.36	.705	2.47E+07	.20	.116	1.12E+07	.42	.142	2.98E+06	1.07	.037	231
21	107	HOPKINS	KY	4.22E+07	.22	.705	5.41E+07	.40	.090	1.49E+07	.38	.180	1.47E+06	1.06	.019	223
21	109	JACKSON	KY	3.13E+07	.19	.642	2.12E+06	.41	.139	9.87E+06	.35	.157	2.69E+06	.91	.043	209
21	111	JEFFERSON	KY	4.17E+07	.26	.609	6.22E+06	.39	.133	1.97E+07	.44	.216	3.82E+06	.91	.042	218
21	113	JESSAMINE	KY	6.53E+07	.29	.725	3.53E+06	.43	.069	2.10E+07	.48	.176	3.55E+0[illegible]	1.03	.030	200
21	115	JOHNSON	KY	4.67E+06	.09	.632	2.77E+04	.00	.000	2.46E+06	.49	.260				194
21	117	KENTON	KY	2.49E+07	.21	.675	1.43E+06	.48	.109	8.83E+06	.48	.181	1.73E+06	.83	.035	192
21	119	KNOTT	KY	2.96E+05	.09	.707			.123	9.53E+04	.27	.171				203
21	121	KNOX	KY	1.33E+07	.12	.651	1.43E+06	.42	.111	3.81E+06	.32	.140	2.69E+06	.94	.097	204
21	123	LARUE	KY	9.20E+07	.33	.637	2.09E+07	.49	.137	2.88E+07	.46	.184	9.83E+06	1.02	.052	212
21	125	LAUREL	KY	6.02E+07	.25	.672	2.74E+06	.42	.128	1.61E+07	.34	.135	7.79E+06	.00	.065	211
21	127	LAWRENCE	KY	1.51E+07	.11	.717	1.49E+06	.48	.105	4.00E+06	.36	.142	1.02E+06	1.01	.036	193
21	129	LEE	KY	4.85E+06	.13	.689	8.11E+05	.49	.116	1.05E+06	.29	.112	7.64E+05	1.34	.082	202
21	131	LESLIE	KY	2.96E+05	.04	.757			.233	5.44E+03	.22	.010				205
21	133	LETCHER	KY	9.88E+05	.20	.773			.101	2.14E+05	.38	.126				204
21	135	LEWIS	KY	4.42E+07	.15	.606	5.24E+06	.42	.164	1.91E+07	.38	.196	3.04E+06	.97	.031	194
21	137	LINCOLN	KY	1.50E+08	.33	.642	1.10E+07	.48	.118	4.52E+07	.48	.190	2.19E+07	1.05	.073	203
21	139	LIVINGSTON	KY	7.18E+07	.23	.709	1.32E+07	.35	.068	2.48E+07	.43	.184	5.18E+06	.83	.038	226
21	141	LOGAN	KY	1.44E+08	.32	.654	4.92E+07	.34	.130	4.94E+07	.45	.166	1.48E+07	1.06	.049	221
21	143	LYON	KY	2.95E+07	.26	.727	6.93E+06	.36	.068	1.03E+07	.45	.191	7.60E+05	.71	.014	228
21	145	MC CRACKEN	KY	2.97E+07	.35	.722	1.08E+07	.21	.100	7.42E+06	.39	.135	2.37E+06	1.02	.043	224
21	147	MC CREARY	KY	4.06E+06	.26	.710	1.83E+05	.24	.093	1.33E+06	.26	.175	1.68E+05	1.12	.022	213
21	149	MC LEAN	KY	2.95E+07	.24	.767	4.61E+07	.36	.075	7.39E+06	.35	.145	6.74E+05	1.14	.013	219
21	151	MADISON	KY	1.61E+08	.24	.795	8.72E+06	.50	.071	2.86E+07	.39	.106	7.58E+06	1.05	.078	201

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	-------- GRAIN -------- PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	--------- HAY --------- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	-------- SILAGE -------- PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
21	133	MADOFFIN	KY	6.44E+06	.07	.701	1.09E+06	.38	.134	1.55E+06	.34	.127	4.64E+05	1.16	.030	195
21	135	MARION	KY	1.16E+08	.28	.620	1.14E+07	.43	.141	3.91E+07	.44	.156	2.09E+07	1.03	.083	206
21	137	MARSHALL	KY	4.17E+07	.29	.784	1.08E+07	.23	.068	9.36E+06	.43	.131	1.18E+06	.79	.016	227
21	139	MARTIN	KY	1.31E+06	.24	.792			.006	2.67E+05	.37	.122				193
21	141	MASON	KY	7.53E+07	.22	.604	1.20E+07	.51	.165	2.86E+07	.45	.174	9.42E+06	1.16	.057	192
21	143	MEADE	KY	6.60E+07	.29	.673	1.39E+07	.43	.087	2.73E+07	.42	.209	4.07E+06	.96	.031	215
21	145	MENIFEE	KY	1.13E+07	.15	.705	9.42E+05	.39	.107	3.41E+06	.36	.156	7.08E+05	1.03	.032	195
21	147	MERCER	KY	1.00E+08	.36	.646	7.84E+06	.56	.120	3.83E+07	.39	.132	1.60E+07	1.13	.074	203
21	149	METCALFE	KY	6.70E+07	.25	.625	1.08E+07	.41	.102	2.34E+07	.43	.161	4.85E+06	.89	.031	215
21	151	MONROE	KY	9.40E+07	.24	.670	9.17E+06	.38	.137	2.90E+07	.41	.134	1.10E+07	1.00	.058	216
21	153	MONTGOMERY	KY	8.23E+07	.28	.719	3.79E+06	.49	.095	2.11E+07	.39	.139	7.29E+06	1.12	.047	201
21	155	MORGAN	KY	2.24E+07	.11	.673	2.48E+06	.47	.109	7.97E+06	.39	.178	1.76E+06	1.27	.040	195
21	157	MUHLENBERG	KY	4.39E+07	.24	.723	1.76E+07	.35	.079	1.48E+07	.42	.179	1.49E+06	1.11	.019	220
21	159	NELSON	KY	1.24E+08	.30	.595	2.02E+07	.47	.165	4.49E+07	.42	.162	2.19E+07	1.00	.079	209
21	161	NICHOLAS	KY	5.03E+07	.18	.711	3.31E+06	.48	.094	1.53E+07	.39	.141	5.73E+06	1.06	.083	201
21	163	OHIO	KY	9.85E+07	.22	.746	3.26E+07	.38	.078	1.67E+07	.36	.160	1.43E+06	.92	.016	219
21	165	OLDHAM	KY	5.72E+07	.28	.587	1.10E+07	.44	.147	2.35E+07	.49	.181	1.08E+07	1.11	.084	210
21	167	OWEN	KY	6.29E+07	.13	.643	1.80E+06	.43	.123	2.34E+07	.42	.187	3.48E+06	1.12	.028	202
21	169	OWSLEY	KY	4.31E+06	.11	.697	7.61E+05	.37	.111	1.98E+06	.39	.182	7.33E+04	1.11	.009	210
21	191	PENDLETON	KY	5.94E+07	.16	.694	3.19E+06	.48	.120	1.80E+07	.38	.159	3.04E+06	.93	.027	199
21	193	PERRY	KY	1.13E+06	.21	.754	2.12E+05	.29	.151	1.62E+05	.29	.079	2.09E+04	.54	.014	204
21	195	PIKE	KY	1.67E+06	.19	.638	1.93E+05	.35	.108	6.03E+05	.31	.173	2.83E+05	1.31	.081	193
21	197	POWELL	KY	1.31E+07	.19	.759	2.20E+06	.34	.065	3.45E+06	.33	.150	6.14E+05	1.03	.027	202
21	199	PULASKI	KY	1.62E+08	.34	.663	1.34E+07	.46	.140	4.24E+07	.39	.130	2.16E+07	.94	.067	211
21	201	ROBERTSON	KY	1.73E+07	.13	.643	7.30E+05	.51	.143	7.04E+06	.39	.198	5.48E+05	1.07	.016	209
21	203	ROCKCASTLE	KY	9.07E+07	.23	.661	4.34E+06	.53	.135	1.62E+07	.43	.150	4.67E+06	1.00	.046	209
21	205	ROWAN	KY	1.33E+07	.12	.633	3.03E+06	.48	.103	4.93E+06	.33	.177	2.43E+06	1.33	.087	195
21	207	RUSSELL	KY	7.03E+07	.34	.690	6.92E+06	.40	.130	1.65E+07	.40	.121	7.84E+06	.91	.058	212
21	209	SCOTT	KY	1.02E+08	.22	.741	6.85E+06	.48	.068	3.20E+07	.43	.178	2.39E+06	.88	.013	201
21	211	SHELBY	KY	1.34E+08	.28	.535	2.44E+07	.52	.200	5.87E+07	.46	.178	3.03E+07	1.07	.091	207
21	213	SIMPSON	KY	7.21E+07	.44	.653	4.26E+07	.39	.146	2.11E+07	.49	.143	8.39E+06	1.20	.057	221
21	215	SPENCER	KY	9.43E+07	.23	.534	1.17E+07	.52	.210	2.39E+07	.43	.169	1.17E+07	1.02	.086	209
21	217	TAYLOR	KY	8.21E+07	.32	.650	1.47E+07	.48	.140	2.40E+07	.42	.142	1.14E+07	1.14	.067	211
21	219	TODD	KY	9.27E+07	.33	.692	4.93E+07	.38	.121	2.35E+07	.45	.148	6.06E+06	.91	.038	224
21	221	TRIGG	KY	6.20E+07	.26	.756	1.99E+07	.38	.060	1.84E+07	.43	.170	6.19E+05	.62	.004	220
21	223	TRIMBLE	KY	2.49E+07	.17	.619	4.73E+06	.44	.132	1.05E+07	.43	.196	2.84E+06	1.06	.053	206
21	225	UNION	KY	8.80E+07	.34	.706	1.11E+08	.50	.107	2.38E+07	.47	.143	7.36E+06	.98	.044	221
21	227	WARREN	KY	1.80E+08	.30	.706	2.34E+07	.36	.099	5.76E+07	.45	.169	8.66E+06	.77	.025	221
21	229	WASHINGTON	KY	1.14E+08	.27	.661	7.09E+06	.44	.129	3.52E+07	.42	.183	1.31E+07	1.09	.057	206
21	231	WAYNE	KY	6.80E+07	.33	.716	7.71E+06	.35	.108	1.61E+07	.39	.127	6.03E+06	1.02	.048	212
21	233	WEBSTER	KY	4.43E+07	.23	.733	6.20E+07	.41	.072	1.43E+07	.36	.178	1.34E+06	.99	.017	222
21	235	WHITLEY	KY	1.87E+07	.16	.665	6.93E+05	.30	.104	4.75E+06	.28	.127	3.95E+04	.95	.105	207
21	237	WOLFE	KY	1.09E+07	.08	.649	1.36E+06	.37	.105	4.73E+06	.32	.220	5.81E+05	1.29	.027	195
21	239	WOODFORD	KY	9.30E+07	.28	.736	9.75E+06	.52	.064	2.52E+07	.42	.152	7.86E+06	1.11	.047	200
22	0		LA	4.17E+09	.29	.794	4.58E+08	.19	.111	5.97E+08	.45	.005	6.52E+07	.69	.009	
22	1	ACADIA	LA	9.11E+07	.36	.808	2.18E+07	.18	.168	3.43E+06	.37	.023	1.41E+05	.37	.001	288
22	3	ALLEN	LA	3.41E+07	.20	.871	1.17E+07	.16	.068	3.12E+06	.41	.061	2.12E+04	.34	.001	277
22	5	ASCENSION	LA	2.70E+07	.35	.854	4.15E+05	.16	.054	3.88E+06	.33	.092				291
22	7	ASSUMPTION	LA	1.20E+06	.03	.850	1.97E+05	.20	.117	4.90E+04	.43	.024	1.87E+04	.81	.009	291
22	9	AVOYELLES	LA	1.13E+08	.43	.807	3.20E+07	.21	.081	2.02E+07	.49	.106	1.16E+06	.93	.006	281
22	11	BEAUREGARD	LA	7.75E+07	.21	.793	6.93E+06	.18	.089	1.19E+07	.43	.094	3.23E+06	.88	.025	277

APPENDIX C (CONTINUED)

1S	1C	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	------- GRAIN ------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	------- HAY ------- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	------- SILAGE ------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
22	13	BIENVILLE	LA	3.89E+07	.28	.733	3.97E+05	.15	.111	9.58E+06	.50	.136	1.42E+06	.68	.020	254
22	15	BOSSIER	LA	1.11E+08	.34	.840	1.34E+06	.20	.063	1.45E+07	.44	.094	4.99E+05	.87	.003	254
22	17	CADDO	LA	1.57E+08	.27	.797	1.62E+06	.14	.084	2.98E+07	.46	.114	1.33E+06	.62	.005	262
22	19	CALCASIEU	LA	1.28E+08	.16	.920	1.02E+07	.16	.051	5.23E+06	.40	.028				289
22	21	CALDWELL	LA	2.89E+07	.36	.865	1.40E+06	.14	.053	3.65E+06	.43	.082				257
22	23	CAMERON	LA	9.42E+07	.12	.926	8.31E+05	.14	.050	3.23E+06	.43	.024				289
22	25	CATAHOULA	LA	4.07E+07	.25	.835	3.03E+07	.20	.080	9.15E+06	.41	.079	3.37E+05	.62	.005	256
22	27	CLAIBORNE	LA	5.94E+07	.25	.727	3.45E+03	.23	.135	1.90E+07	.58	.137				248
22	29	CONCORDIA	LA	4.59E+07	.20	.894	2.45E+07	.20	.051	3.38E+06	.39	.049	4.01E+05	.60	.006	264
22	31	DE SOTO	LA	1.53E+08	.28	.752	7.21E+04	.13	.168	1.97E+07	.45	.073	1.67E+06	.70	.006	250
22	33	EAST BATON R	LA	8.38E+07	.23	.780	3.00E+06	.21	.116	1.32E+07	.42	.092	1.64E+06	.58	.011	287
22	35	EAST CARROLL	LA	3.15E+07	.30	.863	3.08E+07	.19	.051	2.35E+06	.27	.077	2.80E+05	1.34	.008	230
22	37	EAST FELICIA	LA	1.10E+08	.26	.798	3.17E+06	.23	.110	1.39E+07	.35	.076	2.88E+06	.66	.016	272
22	39	EVANGELINE	LA	8.57E+07	.29	.858	1.20E+07	.18	.080	5.27E+06	.39	.040	2.87E+06	.85	.022	285
22	41	FRANKLIN	LA	1.18E+08	.39	.828	2.14E+07	.16	.079	1.67E+07	.58	.088	8.38E+05	.44	.004	255
22	43	GRANT	LA	4.07E+07	.29	.849	1.08E+06	.18	.065	5.49E+06	.35	.085	4.53E+03	.81		272
22	45	IBERIA	LA	3.06E+07	.43	.721	9.76E+05	.23	.175	4.72E+06	.31	.084	1.10E+06	.65	.019	280
22	47	IBERVILLE	LA	5.12E+07	.28	.878	3.27E+06	.21	.052	5.02E+06	.50	.064	4.03E+05	.81	.005	288
22	49	JACKSON	LA	2.37E+07	.26	.824			.073	3.98E+06	.42	.103				253
22	51	JEFFERSON	LA	4.41E+06	.21	.953			.047							297
22	53	JEFFERSON DA	LA	5.59E+07	.22	.908	2.39E+07	.18	.058	2.80E+06	.41	.034				287
22	55	LAFAYETTE	LA	7.92E+07	.47	.725	5.74E+06	.19	.173	1.12E+07	.39	.077	3.55E+06	.78	.025	284
22	57	LAFOURCHE	LA	5.77E+07	.28	.849	1.84E+05	.14	.057	6.48E+06	.34	.073	3.80E+04	.81	.001	300
22	59	LA SALLE	LA	2.26E+07	.56	.865	4.11E+05	.21	.069	2.29E+06	.42	.065				269
22	61	LINCOLN	LA	4.86E+07	.29	.771	6.01E+04	.27	.101	9.14E+06	.48	.109	1.68E+06	.81	.020	253
22	63	LIVINGSTON	LA	4.27E+07	.32	.806	9.08E+04	.13	.102	6.10E+06	.44	.086	3.87E+05	.48	.005	282
22	65	MADISON	LA	2.40E+07	.34	.817	3.84E+07	.20	.133	5.14E+05	.26	.013	1.43E+06	.67	.037	251
22	67	MOREHOUSE	LA	5.05E+07	.19	.674	1.08E+07	.14	.097	2.08E+07	.75	.208	2.09E+06	.78	.021	256
22	69	NATCHITOCHES	LA	1.94E+08	.29	.840	3.86E+06	.18	.050	3.37E+07	.49	.109	2.65E+04	1.15		268
22	71	ORLEANS	LA													296
22	73	OUACHITA	LA	4.03E+07	.33	.774	3.73E+06	.17	.090	8.71E+06	.58	.125	7.39E+05	.45	.010	280
22	75	PLAQUEMINES	LA	1.14E+07	.11	.948			.047	7.71E+04	.21	.004				301
22	77	POINTE COUPE	LA	1.08E+08	.28	.855	1.10E+07	.22	.064	1.37E+07	.43	.082				284
22	79	RAPIDES	LA	1.39E+08	.35	.840	1.70E+07	.25	.076	1.71E+07	.42	.077	1.57E+06	.67	.007	274
22	81	RED RIVER	LA	1.05E+08	.35	.827	2.26E+06	.18	.051	2.06E+07	.54	.121	2.61E+05	.20	.001	255
22	83	RICHLAND	LA	1.01E+08	.41	.815	1.00E+07	.12	.114	1.00E+07	.43	.061	1.67E+06	.45	.010	255
22	85	SABINE	LA	4.78E+07	.30	.762	3.54E+05	.25	.119	9.05E+06	.46	.118	1.58E+04	.67		265
22	87	ST BERNARD	LA	2.19E+06	.09	.896			.048	1.81E+05	.29	.055				301
22	89	ST CHARLES	LA	2.23E+07	.13	.895			.048	1.93E+06	.34	.058				299
22	91	ST HELENA	LA	7.83E+07	.45	.633	7.99E+05	.34	.247	1.26E+07	.41	.079	3.31E+06	.93	.021	274
22	93	ST JAMES	LA	2.06E+06	.13	.867	3.96E+05	.14	.101	1.02E+05	.31	.032				300
22	95	ST JOHN THE	LA	2.51E+06	.31	.864	4.37E+05	.16	.056	2.37E+05	.15	.061	7.44E+04	.81	.019	296
22	97	ST LANDRY	LA	1.24E+08	.40	.795	3.91E+07	.21	.107	1.81E+07	.43	.063	7.15E+06	.79	.034	285
22	99	ST MARTIN	LA	2.73E+07	.25	.733	3.22E+06	.20	.111	5.39E+06	.28	.109	2.36E+06	.72	.047	290
22	101	ST MARY	LA	2.39E+06	.14	.900	1.10E+04	.05	.054	2.54E+04	.09	.007	1.36E+05	1.01	.038	289
22	103	ST TAMMANY	LA	6.01E+07	.41	.804	3.32E+05	.19	.092	9.14E+06	.46	.092	1.21E+06	.61	.012	292
22	105	TANGIPAHOA	LA	2.15E+08	.52	.659	6.02E+05	.14	.251	3.47E+07	.43	.080	4.45E+06	.66	.010	279
22	107	TENSAS	LA	4.10E+07	.22	.797	2.35E+07	.21	.057	1.37E+07	.67	.134	1.16E+06	.66	.011	254
22	109	TERREBONNE	LA	1.14E+07	.20	.846	4.05E+05	.19	.051	1.85E+06	.27	.103				299
22	111	UNION	LA	6.45E+07	.40	.785	2.64E+04	.11	.093	1.34E+07	.47	.122				251
22	113	VERMILION	LA	1.45E+08	.31	.881	6.83E+06	.17	.078	8.32E+06	.34	.038	5.19E+05	.44	.002	297
22	115	VERNON	LA	6.63E+07	.23	.740	4.47E+05	.18	.125	1.31E+07	.34	.109	3.12E+06	.65	.026	271
22	117	WASHINGTON	LA	1.61E+08	.56	.650	2.45E+06	.19	.247	3.23E+07	.40	.097	1.84E+06	.62	.005	284
22	119	WEBSTER	LA	6.69E+07	.30	.772	2.81E+05	.18	.086	1.45E+07	.50	.142				251
22	121	WEST BATON R	LA	1.15E+07	.42	.808	1.07E+06	.23	.092	1.89E+06	.39	.100				284
22	123	WEST CARROLL	LA	5.93E+07	.41	.791	1.44E+07	.14	.082	1.22E+07	.51	.121	5.48E+05	.32	.005	254

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
22	125	WEST FELICIA	LA	6.65E+07	.18	.858	1.83E+06	.19	.090	4.53E+06	.38	.043	8.96E+05	.30	.009	282
22	127	WINN	LA	2.60E+07	.32	.842	1.22E+04	.15	.058	4.15E+06	.48	.100				258
23	0		ME	1.39E+08	.13	.202	2.75E+07	.23	.278	3.09E+08	.36	.354	1.45E+08	.91	.166	
23	1	ANDROSCOGGIN	ME	1.41E+07	.21	.228	3.35E+04	.24	.280	2.48E+07	.41	.303	1.48E+07	.94	.181	151
23	3	AROOSTOOK	ME	1.26E+07	.06	.254	2.06E+07	.21	.336	2.74E+07	.33	.430	5.14E+06	.83	.080	135
23	5	CUMBERLAND	ME	6.81E+06	.14	.174	2.12E+05	.22	.265	2.25E+07	.35	.439	6.26E+06	.69	.122	167
23	7	FRANKLIN	ME	5.29E+06	.11	.178	1.44E+05	.27	.272	1.28E+07	.38	.347	7.47E+06	1.13	.203	136
23	9	HANCOCK	ME	5.93E+05	.04	.226	5.51E+02	.14	.224	1.42E+06	.30	.535	4.74E+04	.62	.016	138
23	11	KENNEBEC	ME	2.50E+07	.21	.248	2.53E+05	.39	.284	4.30E+07	.38	.325	1.90E+07	.91	.143	144
23	13	KNOX	ME	5.10E+06	.21	.387	4.93E+04	.52	.231	5.47E+06	.62	.352	4.91E+05	.84	.031	146
23	15	LINCOLN	ME	8.74E+05	.04	.016	5.06E+03	.04	.262	9.46E+06	.39	.604	1.05E+06	1.18	.118	149
23	17	OXFORD	ME	1.20E+07	.18	.306	1.58E+06	.42	.251	1.55E+07	.34	.283	8.75E+06	.98	.160	145
23	19	PENOBSCOT	ME	8.98E+06	.08	.098	2.54E+06	.30	.300	4.01E+07	.37	.356	2.78E+07	.97	.247	131
23	21	PISCATAQUIS	ME	3.98E+06	.09	.171	2.84E+05	.32	.311	8.15E+06	.37	.300	5.93E+06	.91	.218	127
23	23	SAGADAHOC	ME	3.27E+06	.28	.265			.283	5.32E+06	.35	.372	1.15E+06	.58	.080	153
23	25	SOMERSET	ME	1.58E+07	.14	.173	1.19E+06	.32	.288	3.84E+07	.36	.327	2.49E+07	.90	.212	125
23	27	WALDO	ME	1.18E+07	.15	.205	4.64E+05	.37	.285	2.50E+07	.38	.364	9.96E+06	.92	.145	140
23	29	WASHINGTON	ME	1.75E+06	.04	.244	7.90E+04	.29	.230	3.79E+06	.33	.461	5.59E+05	.68	.064	137
23	31	YORK	ME	1.04E+07	.14	.200	5.96E+04	.21	.271	2.53E+07	.36	.373	1.05E+07	.81	.155	165
24	0		MD	6.02E+08	.29	.352	9.44E+08	.43	.262	4.91E+08	.52	.220	3.71E+08	.91	.166	
24	1	ALLEGANY	MD	1.11E+07	.14	.514	1.44E+06	.42	.151	6.53E+06	.43	.232	2.92E+06	.72	.103	184
24	3	ANNE ARUNDEL	MD	7.46E+06	.20	.454	1.04E+07	.43	.176	5.88E+06	.40	.271	2.12E+06	.79	.098	224
24	5	BALTIMORE	MD	3.27E+07	.25	.368	3.41E+07	.48	.231	3.07E+07	.49	.280	1.32E+07	1.01	.121	217
24	9	CALVERT	MD	4.45E+06	.08	.548	9.61E+06	.42	.091	2.97E+06	.52	.280	8.62E+05	1.15	.081	219
24	11	CAROLINE	MD	1.42E+07	.48	.423	5.42E+07	.32	.248	9.34E+06	.59	.211	5.19E+06	.79	.118	228
24	13	CARROLL	MD	5.64E+07	.34	.283	7.82E+07	.48	.299	5.99E+07	.53	.230	4.88E+07	.93	.188	199
24	15	CECIL	MD	2.62E+07	.31	.297	3.90E+07	.47	.267	2.69E+07	.56	.232	2.38E+07	1.04	.205	231
24	17	CHARLES	MD	9.01E+06	.12	.551	1.34E+07	.39	.119	6.13E+06	.38	.301	6.15E+05	.58	.030	215
24	19	DORCHESTER	MD	4.74E+06	.19	.458	7.71E+07	.37	.202	2.73E+06	.58	.206	1.77E+06	.98	.133	221
24	21	FREDERICK	MD	1.20E+08	.39	.300	5.21E+07	.41	.299	1.16E+08	.57	.219	9.67E+07	.84	.182	183
24	23	GARRETT	MD	3.70E+07	.16	.347	6.10E+06	.25	.238	3.91E+07	.46	.287	1.74E+07	.78	.128	184
24	25	HARFORD	MD	4.03E+07	.28	.319	3.35E+07	.52	.255	1.17E+07	.56	.250	2.91E+07	1.08	.175	223
24	27	HOWARD	MD	2.03E+07	.27	.338	2.00E+07	.50	.221	1.96E+07	.47	.254	1.44E+07	.95	.187	210
24	29	KENT	MD	2.23E+07	.61	.362	8.95E+07	.49	.282	1.31E+07	.58	.162	1.56E+07	1.02	.193	230
24	31	MONTGOMERY	MD	4.37E+07	.27	.456	3.29E+07	.48	.217	2.52E+07	.44	.199	1.61E+07	.81	.127	200
24	33	PRINCE GEORG	MD	1.32E+07	.16	.631	8.98E+06	.36	.128	5.62E+06	.33	.208	8.52E+05	.54	.031	213
24	35	QUEEN ANNES	MD	2.15E+07	.34	.373	1.00E+08	.45	.281	1.08E+07	.53	.144	1.51E+07	1.08	.201	223
24	37	ST MARYS	MD	1.07E+07	.18	.533	2.11E+07	.37	.145	6.75E+06	.43	.261	1.58E+06	.79	.061	218
24	39	SOMERSET	MD	8.23E+06	.38	.544	3.27E+07	.42	.211	3.31E+06	.60	.169	1.47E+06	.76	.075	218
24	41	TALBOT	MD	9.21E+06	.28	.373	7.31E+07	.45	.260	5.88E+06	.56	.184	5.88E+06	1.07	.184	222
24	43	WASHINGTON	MD	7.17E+07	.39	.337	3.39E+07	.38	.285	4.84E+07	.54	.172	5.79E+07	.92	.206	187
24	45	WICONICO	MD	6.29E+06	.30	.713	4.81E+07	.37	.130	1.50E+06	.48	.128	3.40E+05	1.14	.029	227
24	47	WORCESTER	MD	8.96E+06	.30	.598	7.21E+07	.46	.161	3.07E+06	.55	.155	1.71E+06	1.07	.086	227

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
25	0		MA	1.04E+08	.18	.191	4.31E+06	.44	.306	2.05E+08	.44	.292	1.48E+08	1.06	.211	
25	1	BARNSTABLE	MA	1.59E+05	.07	.181			.343	4.73E+05	.45	.475				206
25	3	BERKSHIRE	MA	1.23E+07	.14	.168	5.81E+05	.35	.301	2.95E+07	.45	.307	2.14E+07	1.13	.223	179
25	5	BRISTOL	MA	1.65E+07	.39	.289	1.71E+04	.27	.319	1.49E+07	.52	.197	1.47E+07	.95	.194	199
25	7	DUKES	MA	2.94E+05	.03		4.64E+04	.38	.165	6.21E+05	.54	.753	6.81E+04	1.05	.082	207
25	9	ESSEX	MA	5.62E+06	.21	.203	1.21E+04	.17	.311	1.23E+07	.36	.340	5.32E+06	1.05	.146	180
25	11	FRANKLIN	MA	1.38E+07	.16	.185	6.44E+05	.59	.295	2.69E+07	.50	.274	2.41E+07	1.19	.246	166
25	13	HAMPDEN	MA	6.14E+06	.18	.167	2.02E+05	.49	.315	1.18E+07	.42	.249	1.27E+07	1.03	.269	185
25	15	HAMPSHIRE	MA	8.98E+06	.14	.144	1.94E+06	.45	.309	2.33E+07	.49	.301	1.91E+07	1.05	.246	181
25	17	MIDDLESEX	MA	3.84E+06	.13	.113	7.74E+04	.25	.264	1.78E+07	.44	.439	7.51E+06	1.12	.184	182
25	19	NANTUCKET	MA													217
25	21	NORFOLK	MA	2.03E+06	.19	.204	2.34E+03	.06	.297	4.93E+06	.52	.412	1.04E+06	.87	.087	187
25	23	PLYMOUTH	MA	1.40E+07	.52	.330	1.26E+05	.36	.338	8.44E+06	.45	.152	9.96E+06	.83	.180	200
25	25	SUFFOLK	MA													189
25	27	WORCESTER	MA	2.02E+07	.13	.161	6.41E+05	.49	.306	5.37E+07	.45	.333	3.24E+07	1.09	.201	190
26	0		MI	1.31E+09	.19	.213	2.40E+09	.32	.259	2.68E+09	.49	.351	1.36E+09	.69	.177	
26	1	ALCONA	MI	9.66E+06	.10	.320	1.48E+06	.23	.117	1.94E+07	.40	.507	2.13E+06	.51	.055	157
26	3	ALGER	MI	1.68E+06	.08	.134	7.63E+05	.19	.227	9.77E+06	.45	.613	4.15E+05	.72	.026	149
26	5	ALLEGAN	MI	4.22E+07	.30	.218	7.00E+07	.34	.288	7.89E+07	.51	.320	4.28E+07	.64	.174	181
26	7	ALPENA	MI	2.09E+07	.18	.336	4.54E+06	.23	.183	2.86E+07	.43	.372	6.79E+06	.59	.088	156
26	9	ANTRIM	MI	6.90E+06	.13	.258	5.18E+06	.38	.216	1.33E+07	.43	.376	5.31E+06	.77	.150	148
26	11	ARENAC	MI	1.08E+07	.19	.237	1.28E+07	.32	.260	2.26E+07	.55	.376	7.65E+06	.61	.127	171
26	13	BARAGA	MI	1.98E+06	.10	.276	2.45E+05	.19	.248	4.46E+06	.36	.468	7.21E+04	.16	.007	154
26	15	BARRY	MI	2.89E+07	.22	.237	4.07E+07	.33	.229	5.38E+07	.49	.362	2.55E+07	.67	.172	181
26	17	BAY	MI	4.88E+06	.16	.206	3.38E+07	.41	.274	1.07E+07	.55	.340	5.68E+06	.74	.181	174
26	19	BENZIE	MI	2.93E+06	.09	.350	4.56E+05	.34	.118	3.04E+06	.34	.272	2.89E+06	.99	.259	154
26	21	BERRIEN	MI	9.93E+06	.17	.249	3.48E+07	.27	.259	1.88E+07	.50	.360	6.90E+06	.56	.133	173
26	23	BRANCH	MI	3.28E+07	.28	.292	8.45E+07	.30	.265	3.40E+07	.55	.259	2.42E+07	.68	.184	176
26	25	CALHOUN	MI	4.77E+07	.28	.317	7.40E+07	.30	.263	5.34E+07	.52	.281	2.63E+07	.56	.139	179
26	27	CASS	MI	2.45E+07	.19	.295	5.55E+07	.30	.225	3.51E+07	.48	.355	1.23E+07	.62	.124	172
26	29	CHARLEVOIX	MI	6.09E+06	.11	.195	3.99E+06	.38	.208	1.78E+07	.43	.446	6.03E+06	.79	.151	147
26	31	CHEBOYGAN	MI	1.00E+07	.12	.366	1.51E+06	.23	.148	1.47E+07	.39	.412	2.67E+06	.60	.074	148
26	33	CHIPPEWA	MI	9.85E+06	.09	.203	2.31E+06	.12	.186	3.55E+07	.31	.609	1.14E+05	.19	.002	141
26	35	CLARE	MI	1.83E+07	.13	.315	5.27E+06	.29	.200	2.46E+07	.43	.350	9.45E+06	.58	.135	174
26	37	CLINTON	MI	3.90E+07	.35	.195	7.58E+07	.35	.277	7.12E+07	.55	.296	5.55E+07	.83	.231	184
26	39	CRAWFORD	MI													150
26	41	DELTA	MI	1.31E+07	.10	.280	4.33E+06	.22	.191	2.98E+07	.44	.478	3.23E+06	.55	.052	149
26	43	DICKINSON	MI	2.24E+06	.06	.120	2.20E+06	.22	.236	1.44E+07	.44	.579	1.61E+06	.69	.064	152
26	45	EATON	MI	3.44E+07	.25	.295	6.08E+07	.32	.227	4.29E+07	.49	.309	2.34E+07	.58	.169	184
26	47	EMMET	MI	7.75E+06	.12	.290	2.68E+06	.30	.141	1.46E+07	.38	.411	4.92E+06	.75	.139	147
26	49	GENESEE	MI	4.49E+06	.07	.040	4.10E+07	.30	.290	3.35E+07	.49	.330	3.45E+07	.85	.340	183
26	51	GLADWIN	MI	1.89E+07	.18	.354	1.14E+07	.31	.173	2.55E+07	.43	.376	6.70E+06	.71	.098	173
26	53	GOGEBIC	MI	1.22E+06	.09	.230	1.43E+05	.15	.212	3.81E+06	.38	.538	1.31E+05	.67	.019	143
26	55	GRAND TRAVER	MI	2.81E+06	.06	.123	5.08E+06	.39	.186	1.53E+07	.41	.516	5.17E+06	.76	.174	161
26	57	GRATIOT	MI	2.14E+07	.23	.212	9.44E+07	.40	.310	3.08E+07	.57	.237	3.13E+07	.83	.241	184
26	59	HILLSDALE	MI	2.43E+07	.21	.165	8.06E+07	.29	.295	4.18E+07	.53	.343	3.53E+07	.71	.196	183
26	61	HOUGHTON	MI	3.14E+06	.06	.178	1.33E+06	.17	.279	1.19E+07	.34	.518	5.64E+05	.57	.025	147
26	63	HURON	MI	3.04E+07	.22	.113	1.19E+08	.38	.320	1.03E+08	.58	.287	1.01E+08	.86	.280	172
26	65	INGHAM	MI	3.95E+07	.37	.259	6.79E+07	.32	.270	5.41E+07	.52	.286	3.92E+07	.58	.186	183
26	67	IONIA	MI	4.64E+07	.34	.268	7.42E+07	.36	.260	6.83E+07	.55	.307	3.69E+07	.76	.164	181

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
26	69	IOSCO	MI	1.02E+07	.09	.260	3.81E+06	.30	.163	2.04E+07	.48	.403	8.79E+06	.68	.174	167
26	71	IRON	MI	2.85E+06	.08	.286	8.27E+05	.21	.150	7.31E+06	.42	.553	1.46E+05	.43	.011	153
26	73	ISABELLA	MI	2.70E+07	.20	.178	4.79E+07	.33	.289	5.89E+07	.51	.295	4.75E+07	.71	.238	176
26	75	JACKSON	MI	4.65E+07	.22	.279	5.44E+07	.29	.245	6.06E+07	.49	.301	3.52E+07	.52	.175	18.
26	77	KALAMAZOO	MI	2.00E+07	.22	.236	4.09E+07	.27	.266	3.00E+07	.50	.279	2.37E+07	.60	.220	177
26	79	KALKASKA	MI				1.13E+06	.42	.204	4.77E+06	.46	.695	6.90E+05	.54	.100	141
26	81	KENT	MI	4.01E+07	.29	.235	4.86E+07	.32	.257	8.03E+07	.51	.361	3.27E+07	.64	.147	183
26	83	KEWEENAW	MI													142
26	85	LAKE	MI	2.91E+06	.09	.247	6.93E+05	.23	.167	7.51E+06	.43	.488	1.49E+06	.53	.097	179
26	87	LAPEER	MI	2.86E+07	.20	.156	4.71E+07	.33	.259	8.46E+07	.50	.364	5.16E+07	.71	.221	183
26	89	LEELANAU	MI	1.17E+06	.03	.050	3.44E+06	.38	.260	1.45E+07	.44	.476	6.53E+06	.71	.214	153
26	91	LENAWEE	MI	2.47E+07	.28	.164	1.44E+08	.31	.326	4.32E+07	.54	.265	3.98E+07	.73	.244	182
26	93	LIVINGSTON	MI	2.01E+07	.21	.171	2.82E+07	.31	.260	5.43E+07	.53	.393	2.43E+07	.59	.175	183
26	95	LUCE	MI	1.12E+06	.07	.339	3.48E+05	.13	.051	2.47E+06	.43	.569	1.76E+05	.51	.040	145
26	97	MACKINAC	MI	4.35E+06	.15	.278	6.29E+05	.12	.223	9.38E+06	.38	.449	1.03E+06	.70	.049	144
26	99	MACOMB	MI	1.06E+07	.25	.203	1.97E+07	.29	.283	2.32E+07	.53	.346	1.12E+07	.62	.167	184
26	101	MANISTEE	MI	4.19E+06	.09	.302	1.59E+06	.27	.128	8.32E+06	.36	.488	1.40E+06	.54	.092	164
26	103	MARQUETTE	MI	2.10E+06	.07	.216	6.10E+05	.19	.209	6.62E+06	.39	.513	8.06E+05	.89	.062	154
26	105	MASON	MI	9.96E+06	.18	.174	1.23E+07	.34	.253	3.39E+07	.55	.450	9.07E+06	.70	.124	178
26	107	MECOSTA	MI	1.40E+07	.11	.163	1.35E+07	.30	.265	4.43E+07	.46	.412	1.72E+07	.68	.160	179
26	109	MENOMINEE	MI	1.74E+07	.14	.178	1.10E+07	.25	.252	5.75E+07	.48	.444	1.62E+07	.72	.125	150
26	111	MIDLAND	MI	4.34E+06	.11	.172	2.22E+07	.36	.316	1.11E+07	.48	.331	6.07E+06	.71	.181	175
26	113	MISSAUKEE	MI	1.02E+07	.11	.120	9.17E+06	.32	.246	5.01E+07	.47	.463	1.85E+07	.71	.171	163
26	115	MONROE	MI	5.06E+06	.16	.129	7.97E+07	.27	.364	8.23E+06	.44	.199	1.27E+07	.77	.307	185
26	117	MONTCALM	MI	2.88E+07	.24	.252	4.35E+07	.32	.265	5.46E+07	.49	.373	1.61E+07	.62	.110	181
26	119	MONTMORENCY	MI	3.69E+06	.15	.283	1.76E+06	.21	.216	8.77E+06	.41	.356	3.57E+06	.63	.145	151
26	121	MUSKEGON	MI	7.44E+06	.18	.141	1.02E+07	.24	.264	2.81E+07	.52	.394	1.44E+07	.65	.202	182
26	123	NEWAYGO	MI	1.78E+07	.15	.174	1.60E+07	.34	.240	4.97E+07	.50	.438	1.68E+07	.66	.148	182
26	125	OAKLAND	MI	2.77E+06	.03	.056	1.13E+07	.26	.206	3.12E+07	.51	.621	5.90E+06	.68	.118	182
26	127	OCEANA	MI	1.50E+07	.18	.275	7.54E+06	.31	.199	2.52E+07	.48	.356	1.20E+07	.64	.169	180
26	129	OGEMAW	MI	9.86E+06	.10	.154	6.06E+06	.30	.226	3.58E+07	.48	.461	1.24E+07	.66	.160	169
26	131	ONTONAGON	MI	5.56E+06	.07	.303	7.09E+05	.13	.183	1.24E+07	.38	.508	1.16E+05	.72	.00-	144
26	133	OSCEOLA	MI	1.79E+07	.11	.192	6.49E+06	.28	.244	4.81E+07	.41	.403	1.91E+07	.69	.160	170
26	135	OSCODA	MI	4.24E+06	.10	.226	1.17E+06	.29	.220	9.23E+06	.48	.388	3.97E+06	.95	.146	157
26	137	OTSEGO	MI	2.13E+06	.03	.123	1.34E+06	.24	.169	1.26E+07	.46	.558	3.40E+06	.87	.150	149
26	139	OTTAWA	MI	4.53E+07	.40	.301	3.50E+07	.30	.264	5.24E+07	.49	.263	3.44E+07	.58	.172	182
26	141	PRESQUE ISLE	MI	1.57E+07	.12	.306	4.90E+06	.22	.178	2.72E+07	.44	.402	7.68E+06	.83	.113	151
26	143	ROSCOMMON	MI	4.84E+05	.03	.311	2.61E+04	.13	.060	1.24E+06	.30	.600	5.99E+04	.74	.029	161
26	145	SAGINAW	MI	1.87E+07	.31	.221	9.69E+07	.34	.280	3.50E+07	.62	.322	1.93E+07	.87	.177	183
26	147	ST CLAIR	MI	2.19E+07	.16	.173	4.09E+07	.31	.298	5.27E+07	.44	.327	3.24E+07	.65	.201	185
26	149	ST JOSEPH	MI	2.38E+07	.20	.242	6.49E+07	.28	.244	4.29E+07	.52	.367	1.69E+07	.65	.146	175
26	151	SANILAC	MI	6.85E+07	.31	.186	9.56E+07	.33	.280	1.64E+08	.52	.338	9.47E+07	.70	.195	175
26	153	SCHOOLCRAFT	MI	2.63E+06	.10	.295	4.33E+05	.20	.078	6.78E+06	.45	.598	3.29E+05	.43	.02-	147
26	155	SHIAWASSEE	MI	2.64E+07	.33	.223	6.84E+07	.30	.265	4.67E+07	.55	.315	2.91E+07	.76	.196	183
26	157	TUSCOLA	MI	1.99E+07	.24	.166	1.22E+08	.44	.264	5.38E+07	.55	.352	3.32E+07	.84	.217	175
26	159	VAN BUREN	MI	1.11E+07	.11	.169	3.28E+07	.28	.271	3.17E+07	.47	.376	1.56E+07	.62	.185	178
26	161	WASHTENAW	MI	4.48E+07	.34	.220	5.63E+07	.27	.274	5.67E+07	.45	.333	2.93E+07	.59	.172	183
26	163	WAYNE	MI	2.18E+06	.15	.313	6.80E+06	.20	.232	2.91E+06	.35	.320	1.12E+06	.55	.126	183
26	165	WEXFORD	MI	5.60E+06	.12	.237	1.68E+06	.26	.212	1.31E+07	.36	.429	3.72E+06	.64	.122	163
27	0		MN	4.44E+09	.22	.303	7.90E+09	.29	.250	5.91E+09	.53	.318	2.41E+09	.65	.130	
27	1	AITKIN	MN	2.24E+07	.08	.242	1.28E+06	.13	.182	6.45E+07	.35	.541	4.12E+06	.47	.034	132

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
27	3	ANOKA	MN	5.68E+06	.04	.127	1.20E+07	.24	.209	2.74E+07	.50	.482	1.03E+07	.64	.181	154
27	5	BECKER	MN	5.19E+07	.11	.232	3.15E+07	.14	.198	1.24E+08	.47	.451	3.30E+07	.63	.120	137
27	7	BELTRAMI	MN	3.02E+07	.09	.287	5.18E+06	.13	.146	6.73E+07	.37	.518	6.32E+06	.66	.049	123
27	9	BENTON	MN	6.33E+07	.25	.327	3.48E+07	.23	.244	7.07E+07	.52	.277	3.87E+07	.57	.151	144
27	11	BIG STONE	MN	2.29E+07	.19	.307	5.07E+07	.18	.244	2.25E+07	.42	.237	2.01E+07	.46	.211	143
27	13	BLUE EARTH	MN	4.47E+07	.32	.382	2.44E+08	.37	.285	3.18E+07	.56	.230	1.43E+07	.85	.103	157
27	15	BROWN	MN	4.73E+07	.43	.289	1.72E+08	.33	.318	5.28E+07	.65	.220	3.04E+07	.77	.143	156
27	17	CARLTON	MN	2.44E+07	.11	.289	1.38E+06	.14	.204	5.52E+07	.37	.497	1.07E+06	.59	.010	130
27	19	CARVER	MN	6.10E+07	.40	.250	6.33E+07	.36	.280	1.04E+08	.73	.325	4.63E+07	.82	.145	158
27	21	CASS	MN	3.07E+07	.11	.343	2.78E+06	.18	.163	5.84E+07	.34	.429	8.84E+06	.52	.065	133
27	23	CHIPPEWA	MN	2.36E+07	.24	.330	1.56E+08	.31	.299	2.35E+07	.63	.259	1.01E+07	.74	.111	146
27	25	CHISAGO	MN	3.33E+07	.18	.276	2.60E+07	.23	.228	5.11E+07	.57	.323	2.74E+07	.67	.173	151
27	27	CLAY	MN	3.20E+07	.13	.251	7.32E+07	.20	.198	6.21E+07	.48	.413	2.07E+07	.64	.137	157
27	29	CLEARWATER	MN	3.56E+07	.11	.340	7.67E+06	.14	.128	5.96E+07	.38	.477	6.85E+06	.54	.055	137
27	31	COOK	MN													116
27	33	COTTONWOOD	MN	3.75E+07	.27	.255	1.95E+08	.33	.337	3.77E+07	.62	.211	3.52E+07	.75	.196	157
27	35	CROW WING	MN	2.43E+07	.11	.310	5.02E+06	.18	.179	3.81E+07	.35	.383	1.27E+07	.56	.128	132
27	37	DAKOTA	MN	3.61E+07	.32	.235	9.56E+07	.32	.294	6.20E+07	.60	.314	3.09E+07	.75	.157	162
27	39	DODGE	MN	5.64E+07	.46	.331	1.08E+08	.32	.268	6.51E+07	.66	.292	2.41E+07	.77	.109	160
27	41	DOUGLAS	MN	6.27E+07	.21	.255	5.28E+07	.19	.249	1.07E+08	.56	.337	5.03E+07	.55	.139	137
27	43	FARIBAULT	MN	3.73E+07	.57	.342	2.92E+08	.41	.362	2.44E+07	.73	.186	1.45E+07	.95	.110	156
27	45	FILLMORE	MN	2.14E+08	.33	.424	1.78E+08	.35	.199	1.85E+08	.66	.282	6.20E+07	.85	.095	161
27	47	FREEBORN	MN	5.73E+07	.45	.365	2.51E+08	.39	.254	4.86E+07	.70	.244	2.70E+07	.90	.136	157
27	49	GOODHUE	MN	1.33E+08	.38	.332	1.57E+08	.35	.256	1.57E+08	.67	.304	5.51E+07	.84	.107	162
27	51	GRANT	MN	2.37E+07	.25	.305	5.70E+07	.21	.267	2.64E+07	.54	.262	1.67E+07	.55	.166	137
27	53	HENNEPIN	MN	2.48E+07	.24	.247	3.31E+07	.30	.259	5.08E+07	.65	.383	1.49E+07	.68	.112	160
27	55	HOUSTON	MN	1.23E+08	.23	.381	8.02E+07	.45	.214	1.30E+08	.65	.304	4.37E+07	.97	.102	163
27	57	HUBBARD	MN	2.64E+07	.14	.414	5.26E+06	.13	.122	2.94E+07	.34	.375	6.96E+06	.52	.088	136
27	59	ISANTI	MN	2.42E+07	.19	.266	2.80E+07	.23	.211	4.26E+07	.57	.341	1.89E+07	.59	.160	149
27	61	ITASCA	MN	1.31E+07	.06	.231	1.17E+06	.13	.122	4.63E+07	.35	.435	9.22E+05	.34	.013	118
27	63	JACKSON	MN	5.06E+07	.47	.302	2.42E+08	.35	.382	3.12E+07	.62	.169	2.70E+07	.79	.146	158
27	65	KANABEC	MN	4.61E+07	.15	.328	8.93E+06	.21	.198	6.20E+07	.45	.341	2.42E+07	.53	.133	145
27	67	KANDIYOHI	MN	6.19E+07	.28	.298	1.40E+08	.26	.278	7.60E+07	.62	.286	3.70E+07	.62	.139	146
27	69	KITTSON	MN	1.56E+07	.06	.202	3.88E+07	.17	.112	5.15E+07	.32	.447	3.12E+06	.44	.039	131
27	71	KOOCHICHING	MN	8.03E+06	.07	.268	7.79E+05	.14	.091	2.37E+07	.31	.607	1.35E+06	.61	.034	114
27	73	LAC QUI PARL	MN	5.56E+07	.28	.418	1.53E+08	.24	.223	3.54E+07	.50	.205	2.69E+07	.63	.155	148
27	75	LAKE	MN	2.04E+04					.073	1.28E+06	.30	.927				110
27	77	LAKE OF THE	MN	4.61E+06	.04	.134	2.35E+06	.16	.094	3.01E+07	.35	.772				120
27	79	LE SUEUR	MN	4.49E+07	.32	.339	9.61E+07	.31	.266	4.94E+07	.67	.291	1.77E+07	.68	.104	158
27	81	LINCOLN	MN	7.35E+07	.35	.376	8.47E+07	.23	.225	5.80E+07	.47	.240	3.84E+07	.57	.159	149
27	83	LYON	MN	5.44E+07	.29	.247	1.83E+08	.28	.315	6.16E+07	.58	.231	5.55E+07	.59	.208	149
27	85	MC LEOD	MN	7.17E+07	.52	.300	1.14E+08	.30	.293	9.25E+07	.75	.293	3.59E+07	.80	.114	155
27	87	MAHNOMEN	MN	2.83E+07	.14	.324	1.87E+07	.17	.169	4.28E+07	.54	.376	1.50E+07	.55	.131	137
27	89	MARSHALL	MN	2.34E+07	.06	.120	7.19E+07	.18	.133	1.06E+08	.41	.705	6.28E+06	.53	.042	132
27	91	MARTIN	MN	4.09E+07	.36	.286	3.28E+08	.44	.379	3.61E+07	.77	.202	2.37E+07	1.00	.133	158
27	93	MEEKER	MN	6.21E+07	.36	.316	1.15E+08	.29	.270	7.09E+07	.67	.274	3.62E+07	.69	.140	147
27	95	MILLE LACS	MN	5.48E+07	.22	.320	1.36E+07	.22	.248	6.90E+07	.47	.307	2.84E+07	.55	.126	143
27	97	MORRISON	MN	1.10E+08	.16	.298	4.08E+07	.19	.242	1.45E+08	.46	.298	7.83E+07	.58	.161	140
27	99	MOWER	MN	6.12E+07	.43	.336	1.82E+08	.29	.270	5.72E+07	.61	.248	3.33E+07	.72	.145	159
27	101	MURRAY	MN	8.14E+07	.39	.343	1.62E+08	.28	.292	5.89E+07	.57	.198	4.98E+07	.68	.167	157
27	103	NICOLLET	MN	3.34E+07	.45	.295	1.29E+08	.35	.306	3.59E+07	.73	.244	2.28E+07	.87	.155	156
27	105	NOBLES	MN	8.21E+07	.53	.335	1.71E+08	.26	.337	5.48E+07	.60	.184	4.22E+07	.59	.142	157
27	107	NORMAN	MN	2.88E+07	.14	.220	5.10E+07	.17	.200	6.42E+07	.54	.400	2.90E+07	.59	.181	134
27	109	OLMSTED	MN	1.43E+08	.41	.433	1.14E+08	.32	.214	1.05E+08	.63	.247	4.51E+07	.72	.106	161
27	111	OTTER TAIL	MN	1.46E+08	.15	.232	1.29E+08	.18	.236	3.05E+08	.51	.384	1.17E+08	.59	.148	137
27	113	PENNINGTON	MN	1.06E+07	.05	.100	2.26E+07	.16	.158	7.33E+07	.42	.709	3.28E+06	.50	.031	133

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	---- GRAIN ---- PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	---- HAY ---- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	---- SILAGE ---- PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
27	115	PINE	MN	6.01E+07	.13	.280	1.24E+07	.19	.222	1.11E+08	.44	.401	2.68E+07	.54	.097	132
27	117	PIPESTONE	MN	7.92E+07	.39	.404	1.01E+08	.27	.231	5.26E+07	.58	.219	3.49E+07	.62	.145	154
27	119	POLK	MN	5.21E+07	.10	.247	1.23E+08	.20	.162	1.18E+08	.41	.466	3.16E+07	.59	.124	133
27	121	POPE	MN	6.08E+07	.23	.310	7.67E+07	.21	.234	7.61E+07	.54	.295	4.15E+07	.55	.161	138
27	123	RAMSEY	MN	1.43E+06	.51	.361	3.34E+05	.27	.144	8.44E+05	.44	.271	7.28E+04	.22	.023	162
27	125	RED LAKE	MN	1.39E+07	.10	.188	1.50E+07	.16	.167	4.38E+07	.45	.554	7.08E+06	.55	.090	133
27	127	REDWOOD	MN	4.18E+07	.30	.247	2.39E+08	.30	.362	4.98E+07	.64	.230	3.48E+07	.73	.161	151
27	129	RENVILLE	MN	5.54E+07	.41	.342	2.83E+08	.31	.315	4.56E+07	.68	.229	2.27E+07	.79	.114	154
27	131	RICE	MN	6.57E+07	.40	.311	1.02E+08	.35	.285	8.07E+07	.69	.294	3.02E+07	.71	.110	159
27	133	ROCK	MN	8.21E+07	.47	.333	8.39E+07	.22	.318	5.15E+07	.59	.167	5.58E+07	.50	.181	154
27	135	ROSEAU	MN	4.48E+07	.09	.241	2.01E+07	.16	.151	1.17E+08	.38	.398	1.77E+06	.44	.009	132
27	137	ST LOUIS	MN	1.02E+07	.05	.143	1.61E+06	.13	.175	6.09E+07	.31	.671	9.11E+05	.56	.010	113
27	139	SCOTT	MN	4.59E+07	.40	.298	5.00E+07	.29	.276	6.01E+07	.66	.303	2.45E+07	.66	.123	160
27	141	SHERBURNE	MN	1.44E+07	.11	.220	2.20E+07	.21	.213	2.97E+07	.49	.367	1.62E+07	.63	.200	147
27	143	SIBLEY	MN	6.68E+07	.35	.320	1.44E+08	.30	.286	7.38E+07	.76	.270	3.40E+07	.75	.124	156
27	145	STEARNS	MN	1.83E+08	.27	.251	1.54E+08	.23	.274	2.91E+08	.58	.301	1.68E+08	.60	.173	145
27	147	STEELE	MN	4.84E+07	.42	.315	1.27E+08	.37	.277	6.53E+07	.76	.325	1.67E+07	.79	.083	159
27	149	STEVENS	MN	2.73E+07	.26	.213	1.07E+08	.24	.391	2.67E+07	.54	.174	3.42E+07	.66	.222	138
27	151	SWIFT	MN	4.06E+07	.20	.336	1.50E+08	.27	.253	4.04E+07	.55	.260	2.32E+07	.61	.150	146
27	153	TODD	MN	1.01E+08	.17	.268	4.57E+07	.18	.247	1.56E+08	.51	.317	8.22E+07	.51	.167	137
27	155	TRAVERSE	MN	1.51E+07	.16	.271	5.47E+07	.16	.260	1.34E+07	.42	.215	1.98E+07	.50	.253	137
27	157	WABASHA	MN	1.11E+08	.36	.379	6.84E+07	.31	.221	1.14E+08	.65	.301	3.71E+07	.70	.098	161
27	159	WABENA	MN	2.81E+07	.10	.246	1.20E+07	.19	.211	5.80E+07	.41	.401	2.05E+07	.60	.142	136
27	161	WASECA	MN	3.49E+07	.53	.351	1.51E+08	.39	.262	3.32E+07	.76	.271	1.43E+07	.91	.116	157
27	163	WASHINGTON	MN	1.81E+07	.17	.216	3.57E+07	.29	.278	4.21E+07	.58	.409	1.01E+07	.65	.097	161
27	165	WATONWAN	MN	3.01E+07	.45	.348	1.78E+08	.41	.271	2.51E+07	.74	.230	1.64E+07	.92	.151	158
27	167	WILKIN	MN	1.13E+07	.13	.229	7.69E+07	.21	.207	2.62E+07	.46	.412	9.63E+06	.62	.151	137
27	169	WINONA	MN	1.13E+08	.30	.314	9.13E+07	.38	.240	1.39E+08	.66	.336	5.18E+07	.91	.169	161
27	171	WRIGHT	MN	9.24E+07	.34	.300	1.01E+08	.30	.260	1.28E+08	.69	.318	4.91E+07	.79	.121	149
27	173	YELLOW MEDIC	MN	5.12E+07	.27	.345	2.06E+08	.29	.256	3.87E+07	.34	.219	2.82E+07	.49	.160	148
28	0		MS	6.08E+09	.24	.799	5.05E+08	.15	.086	8.78E+08	.38	.087	2.84E+08	.72	.028	
28	1	ADAMS	MS	3.85E+07	.12	.895	2.00E+06	.16	.049	3.24E+06	.33	.056				263
28	3	ALCORN	MS	3.39E+07	.20	.724	6.24E+06	.14	.097	7.95E+06	.33	.127	3.22E+06	.88	.052	235
28	5	AMITE	MS	1.22E+08	.25	.766	3.39E+06	.21	.128	1.79E+07	.36	.084	4.72E+06	.74	.022	267
28	7	ATTALA	MS	8.69E+07	.20	.760	2.44E+06	.17	.088	1.34E+07	.38	.088	9.78E+06	.75	.064	248
28	9	BENTON	MS	3.60E+07	.17	.819	2.66E+06	.18	.071	3.27E+06	.31	.055	3.18E+06	.82	.054	237
28	11	BOLIVAR	MS	2.90E+07	.18	.812	2.30E+07	.13	.051	4.71E+06	.49	.099	1.81E+06	.55	.038	244
28	13	CALHOUN	MS	7.73E+07	.30	.810	8.77E+06	.14	.069	1.24E+07	.33	.097	2.97E+06	.54	.023	243
28	15	CARROLL	MS	1.24E+08	.23	.830	5.05E+06	.17	.055	1.49E+07	.41	.074	8.11E+06	.73	.040	249
28	17	CHICKASAW	MS	9.24E+07	.23	.799	6.54E+06	.11	.068	1.86E+07	.38	.120	2.00E+06	.57	.013	241
28	19	CHOCTAW	MS	3.84E+07	.24	.771	1.76E+06	.17	.089	6.79E+06	.34	.102	2.58E+06	.46	.038	248
28	21	CLAIBORNE	MS	8.38E+07	.17	.877	4.73E+06	.20	.051	6.47E+06	.46	.051	2.64E+06	.79	.021	250
28	23	CLARKE	MS	5.21E+07	.20	.829	2.36E+06	.25	.068	7.28E+06	.32	.087	1.42E+06	.74	.016	254
28	25	CLAY	MS	7.58E+07	.25	.760	4.32E+06	.12	.087	1.59E+07	.38	.119	4.49E+06	.78	.034	242
28	27	COAHOMA	MS	1.71E+07	.28	.885	6.18E+06	.11	.049	1.70E+06	.29	.066				243
28	29	COPIAH	MS	1.19E+08	.19	.834	3.51E+06	.22	.078	1.60E+07	.40	.085	3.24E+05	.21	.001	249
28	31	COVINGTON	MS	9.12E+07	.29	.[illegible]	4.47E+06	.20	.058	1.53E+07	.37	.104	1.35E+06	.45	.009	248
28	33	DE SOTO	MS	8.40E+07	.24	.892	8.77E+06	.14	.109	1.53E+07	.40	.094	1.69E+07	1.05	.104	237
28	35	FORREST	MS	7.01E+07	.48	.833	1.73E+06	.23	.064	1.09E+07	.30	.097	6.29E+05	.60	.005	267
28	37	FRANKLIN	MS	3.08E+07	.23	.786	1.81E+06	.22	.088	5.22E+06	.39	.100	1.40E+06	.78	.027	262
28	39	GEORGE	MS	3.77E+07	.35	.780	6.20E+06	.21	.098	5.07E+06	.43	.079	2.81E+06	.74	.043	290

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/...82	FRAC.	-------- GRAIN -------- PRODUC-TION KG	PRODUC-TIVITY KG/HA82	FRAC.	--------- HAY --------- PRODUC-TION KG	AREAL YIELD KG/YR/HA82	FRAC.	------- SILAGE -------- PRODUC-TION KG	PRODUC-TIVITY KG/HA82	FRAC.	FROST-FREE DAYS
28	41	GREENE	MS	3.04E+07	.24	.839	2.48E+06	.22	.064	4.15E+06	.36	.087	5.03E+05	.80	.010	284
28	43	GRENADA	MS	5.24E+07	.22	.815	3.06E+06	.13	.057	8.51E+06	.39	.099	2.48E+06	.93	.029	245
28	45	HANCOCK	MS	3.21E+07	.22	.809	1.37E+06	.19	.100	2.86E+06	.33	.054	1.95E+06	.67	.037	290
28	47	HARRISON	MS	1.67E+07	.25	.838	1.12E+06	.22	.096	1.56E+06	.37	.059	1.97E+05	.62	.007	300
28	49	HINDS	MS	2.15E+08	.24	.854	8.37E+06	.19	.055	1.94E+07	.33	.058	1.12E+07	.65	.034	249
28	51	HOLMES	MS	8.32E+07	.17	.842	1.04E+07	.15	.057	1.27E+07	.43	.096	6.35E+05	.54	.004	249
28	53	HUMPHREYS	MS	1.35E+07	.24	.850	1.50E+07	.13	.053	2.05E+06	.44	.097				249
28	55	ISSAQUENA	MS	8.43E+06	.19	.834	1.14E+07	.17	.048	1.59E+06	.44	.118				250
28	57	ITAWAMBA	MS	5.45E+07	.22	.846	4.07E+06	.16	.063	7.19E+06	.33	.084	6.12E+05	.61	.007	241
28	59	JACKSON	MS	1.35E+07	.29	.806	4.09E+06	.27	.105	1.39E+06	.36	.063	5.67E+05	.42	.025	299
28	61	JASPER	MS	8.02E+07	.22	.810	1.68E+06	.28	.083	1.28E+07	.37	.097	1.40E+06	.55	.010	248
28	63	JEFFERSON	MS	5.50E+07	.16	.891	5.81E+06	.20	.055	4.43E+06	.35	.054	2.01E+04	.67		259
28	65	JEFFERSON DA	MS	7.09E+07	.22	.840	2.87E+06	.19	.056	1.16E+07	.37	.103	8.70E+04	.31	.001	249
28	67	JONES	MS	1.29E+08	.38	.797	3.12E+06	.22	.081	2.30E+07	.38	.106	3.18E+06	.68	.015	261
28	69	KEMPER	MS	9.09E+07	.23	.836	3.59E+06	.26	.060	1.36E+07	.41	.094	1.39E+06	.66	.010	246
28	71	LAFAYETTE	MS	7.51E+07	.20	.826	2.56E+06	.16	.065	1.01E+07	.36	.083	3.17E+06	.68	.026	241
28	73	LAMAR	MS	7.51E+07	.36	.848	1.99E+06	.21	.060	9.40E+06	.40	.079	1.45E+06	.58	.012	264
28	75	LAUDERDALE	MS	6.53E+07	.20	.826	7.02E+03	.04	.061	1.[illegible]07	.43	.112	1.24E+05	.30	.001	249
28	77	LAWRENCE	MS	5.43E+07	.22	.802	3.21E+06	.21	.086	7.[illegible]8E+06	.36	.085	2.39E+06	.61	.026	249
28	79	LEAKE	MS	1.15E+08	.30	.821	2.08E+06	.24	.084	1.36E+07	.35	.073	4.15E+06	.69	.022	248
28	81	LEE	MS	8.59E+07	.25	.737	8.27E+06	.12	.113	1.14E+07	.34	.073	1.18E+07	.90	.076	241
28	83	LEFLORE	MS	2.90E+07	.25	.790	1.81E+07	.13	.049	7.58E+06	.53	.154	3.06E+05	.25	.004	244
28	85	LINCOLN	MS	1.10E+08	.25	.749	1.41E+06	.22	.147	1.81E+07	.37	.092	2.32E+06	.49	.012	261
28	87	LOWNDES	MS	6.92E+07	.23	.763	7.83E+06	.13	.078	1.74E+07	.35	.143	1.88E+06	.41	.016	245
28	89	MADISON	MS	1.35E+08	.20	.861	7.53E+06	.15	.058	1.83E+07	.39	.076	1.18E+06	.50	.005	249
28	91	MARION	MS	1.06E+08	.33	.764	2.22E+06	.25	.120	1.67E+07	.40	.090	4.79E+06	.63	.026	267
28	93	MARSHALL	MS	1.26E+08	.17	.786	6.29E+06	.16	.095	1.30E+07	.40	.061	1.25E+07	.82	.058	238
28	95	MONROE	MS	1.04E+08	.32	.816	1.04E+07	.14	.061	1.84E+07	.39	.108	2.60E+06	.62	.015	241
28	97	MONTGOMERY	MS	6.51E+07	.24	.824	2.78E+06	.22	.077	7.26E+06	.42	.069	3.17E+06	.75	.030	249
28	99	NESHOBA	MS	1.22E+08	.27	.788	2.69E+06	.29	.086	2.45E+07	.41	.118	1.73E+06	.57	.008	248
28	101	NEWTON	MS	1.11E+08	.30	.725	3.29E+06	.21	.122	2.38E+07	.46	.117	7.24E+06	.63	.035	247
28	103	NOXUBEE	MS	1.25E+08	.20	.732	1.54E+07	.16	.119	1.63E+07	.38	.071	1.77E+07	.84	.077	245
28	105	OKTIBBEHA	MS	8.12E+07	.21	.702	1.40E+[illegible]6	.16	.137	1.90E+07	.41	.123	5.70E+06	.67	.[illegible]	245
28	107	PANOLA	MS	1.25E+08	.23	.829	1.20E+07	.13	.061	1.50E+07	.39	.074	7.28E+06	.82	.036	241
28	109	PEARL RIVER	MS	1.37E+08	.31	.835	2.27E+06	.21	.091	1.47E+07	.36	.067	1.41E+06	.53	.007	287
28	111	PERRY	MS	3.49E+07	.35	.877	2.37E+06	.20	.055	3.54E+06	.28	.067	1.23E+04	.15	.001	270
28	113	PIKE	MS	8.95E+07	.33	.727	3.31E+06	.21	.175	1.25E+07	.34	.076	3.65E+06	.60	.022	267
28	115	PONTOTOC	MS	8.31E+07	.29	.795	7.97E+06	.12	.096	9.18E+06	.32	.066	6.07E+06	.74	.043	241
28	117	PRENTISS	MS	4.68E+07	.24	.644	8.38E+06	.13	.182	6.69E+06	.38	.069	1.02E+07	.74	.105	235
28	119	QUITMAN	MS	5.79E+06	.18	.854	1.32E+07	.10	.061	7.72E+05	.40	.085				241
28	121	RANKIN	MS	1.20E+08	.28	.847	4.34E+06	.20	.074	1.32E+07	.46	.070	1.74E+06	.63	.009	248
28	123	SCOTT	MS	1.23E+08	.32	.829	2.50E+06	.22	.059	2.21E+07	.41	.112	2.25E+04	.12		248
28	125	SHARKEY	MS	6.40E+06	.13	.806	2.19E+07	.15	.052	1.51E+06	.51	.142				250
28	127	SIMPSON	MS	1.18E+08	.31	.829	3.48E+06	.21	.084	1.34E+07	.42	.070	3.00E+06	.68	.016	249
28	129	SMITH	MS	1.18E+08	.32	.842	2.37E+06	.22	.061	1.76E+07	.38	.094	5.39E+05	.50	.003	248
28	131	STONE	MS	3.96E+07	.32	.834	1.90E+06	.25	.070	5.67E+06	.43	.090	3.63E+05	1.21	.006	287
28	133	SUNFLOWER	MS	4.92E+07	.25	.797	1.27E+07	.11	.056	1.15E+07	.50	.139	6.46E+05	.32	.007	246
28	135	TALLAHATCHIE	MS	4.23E+07	.26	.850	1.35E+07	.11	.053	8.59E+06	.35	.088	9.61E+05	.51	.010	244
28	137	TATE	MS	1.25E+08	.28	.777	5.28E+06	.15	.107	1.09E+07	.36	.051	1.40E+07	.74	.065	239
28	139	TIPPAH	MS	6.08E+07	.19	.747	6.22E+06	.16	.106	9.23E+06	.37	.085	6.74E+06	.62	.062	237
28	141	TISHOMINGO	MS	2.82E+07	.21	.752	2.70E+06	.17	.091	7.17E+06	.43	.143	6.88E+05	.49	.013	235
28	143	TUNICA	MS	1.02E+07	.34	.910	1.88E+07	.13	.054	4.67E+05	.20	.031	5.99E+04	.42	.004	241
28	145	UNION	MS	5.67E+07	.27	.707	7.24E+06	.15	.118	7.88E+06	.33	.073	1.08E+07	.74	.101	240
28	147	WALTHALL	MS	1.37E+08	.35	.726	3.84E+06	.25	.159	2.07E+07	.36	.082	8.20E+06	.70	.032	268
28	149	WARREN	MS	4.32E+07	.19	.864	4.69E+06	.16	.052	5.14E+06	.50	.077	4.51E+05	.39	.007	252
28	151	WASHINGTON	MS	3.20E+07	.24	.826	2.65E+07	.15	.060	5.31E+06	.50	.103	5.44E+05	.57	.010	249

ST	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE			GRAIN			HAY			SILAGE			FROST-FREE DAYS
				PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	
28	153	WAYNE	MS	4.84E+07	.25	.824	2.34E+06	.23	.062	8.06E+06	.41	.103	8.26E+05	.59	.010	262
28	155	WEBSTER	MS	6.38E+07	.21	.817	3.57E+06	.16	.073	8.88E+06	.39	.085	2.49E+06	.88	.024	244
28	157	WILKINSON	MS	8.63E+07	.20	.833	4.16E+06	.19	.061	1.25E+07	.43	.091	2.01E+06	.64	.014	267
28	159	WINSTON	MS	8.85E+07	.28	.787	2.30E+06	.22	.054	1.27E+07	.38	.085	5.12E+06	.64	.034	248
28	161	YALOBUSHA	MS	5.66E+07	.21	.836	2.49E+06	.15	.079	6.45E+06	.36	.071	1.15E+06	.66	.013	242
28	163	YAZOO	MS	1.39E+08	.21	.868	1.93E+07	.15	.052	1.35E+07	.43	.063	3.54E+06	.66	.016	249
29	0		MO	1.15E+10	.20	.639	3.75E+09	.25	.113	4.61E+09	.39	.199	6.60E+08	.58	.028	
29	1	ADAIR	MO	9.33E+07	.15	.583	3.08E+07	.26	.090	6.39E+07	.34	.305	4.60E+06	.66	.022	194
29	3	ANDREW	MO	8.44E+07	.24	.595	4.68E+07	.23	.151	3.49E+07	.48	.188	1.24E+07	.48	.067	202
29	5	ATCHISON	MO	1.11E+08	.32	.671	1.20E+08	.29	.144	2.61E+07	.39	.118	1.46E+07	.63	.067	189
29	7	AUBRAIN	MO	1.14E+08	.25	.590	9.31E+07	.24	.167	4.20E+07	.41	.169	1.86E+07	.73	.073	203
29	9	BARRY	MO	2.29E+08	.27	.732	2.57E+06	.21	.116	6.04E+07	.39	.145	3.12E+06	.50	.007	212
29	11	BARTON	MO	1.23E+08	.28	.658	4.91E+07	.23	.134	4.34E+07	.32	.175	8.21E+06	.53	.033	208
29	13	BATES	MO	2.22E+08	.27	.687	8.41E+07	.27	.118	7.09E+07	.37	.165	1.28E+07	.66	.030	205
29	15	BENTON	MO	1.05E+08	.15	.667	1.71E+07	.28	.098	4.61E+07	.34	.220	3.13E+06	.66	.015	203
29	17	BOLLINGER	MO	7.44E+07	.18	.723	8.99E+06	.18	.068	2.77E+07	.36	.202	8.21E+05	.41	.004	226
29	19	BOONE	MO	1.11E+08	.20	.647	3.27E+07	.24	.096	4.97E+07	.38	.235	4.65E+06	.54	.022	199
29	21	BUCHANAN	MO	6.00E+07	.23	.631	4.85E+07	.27	.139	2.21E+07	.45	.175	6.91E+06	.52	.055	203
29	23	BUTLER	MO	3.99E+07	.26	.794	3.81E+07	.16	.067	8.73E+06	.32	.130	5.21E+05	.19	.007	231
29	25	CALDWELL	MO	8.87E+07	.21	.600	2.44E+07	.18	.106	5.17E+07	.38	.248	5.03E+06	.43	.026	204
29	27	CALLAWAY	MO	1.21E+08	.18	.609	3.68E+07	.25	.124	6.20E+07	.36	.235	8.37E+06	.66	.031	202
29	29	CAMDEN	MO	5.79E+07	.11	.753	6.45E+05	.23	.078	1.71E+07	.35	.167	2.03E+05	.45	.002	203
29	31	CAPE GIRARDE	MO	1.19E+08	.28	.625	3.17E+07	.22	.127	5.34E+07	.40	.211	9.48E+06	.72	.037	227
29	33	CARROLL	MO	1.16E+08	.23	.626	7.99E+07	.23	.120	5.25E+07	.37	.214	9.95E+06	.49	.040	203
29	35	CARTER	MO	1.76E+07	.14	.697	4.13E+05	.23	.061	7.89E+06	.38	.235	2.12E+05	.29	.006	220
29	37	CASS	MO	1.68E+08	.24	.647	9.07E+07	.24	.102	7.38E+07	.41	.214	1.30E+07	.65	.037	205
29	39	CEDAR	MO	1.19E+08	.21	.755	5.63E+06	.21	.077	3.45E+07	.34	.163	9.99E+05	.62	.004	204
29	41	CHARITON	MO	8.98E+07	.18	.499	8.48E+07	.25	.213	3.91E+07	.38	.250	8.92E+06	.61	.038	201
29	43	CHRISTIAN	MO	1.48E+08	.24	.671	5.70E+05	.20	.119	5.84E+07	.38	.199	3.09E+06	.50	.010	206
29	45	CLARK	MO	6.05E+07	.16	.623	7.16E+07	.34	.088	3.26E+07	.40	.264	3.02E+06	.63	.025	196
29	47	CLAY	MO	8.26E+07	.25	.690	1.76E+07	.21	.123	2.54E+07	.36	.160	4.26E+06	.44	.027	207
29	49	CLINTON	MO	1.04E+08	.23	.606	2.75E+07	.18	.133	4.49E+07	.35	.198	1.40E+07	.48	.062	205
29	51	COLE	MO	8.33E+07	.19	.633	1.18E+07	.29	.131	3.67E+07	.41	.210	4.65E+06	.59	.026	203
29	53	COOPER	MO	1.15E+08	.21	.632	5.33E+07	.26	.129	4.63E+07	.40	.192	1.14E+07	.67	.047	201
29	55	CRAWFORD	MO	7.41E+07	.15	.752	1.71E+06	.20	.069	2.21E+07	.37	.169	1.29E+06	.46	.010	208
29	57	DADE	MO	1.68E+08	.26	.787	1.29E+07	.21	.080	3.64E+07	.35	.128	1.07E+06	.44	.004	203
29	59	DALLAS	MO	1.20E+08	.19	.635	1.00E+06	.20	.142	5.18E+07	.37	.205	4.60E+06	.72	.018	203
29	61	DAVIESS	MO	9.26E+07	.20	.585	5.47E+07	.22	.111	5.18E+07	.43	.253	1.06E+07	.65	.052	200
29	63	DE KALB	MO	1.02E+08	.23	.602	2.74E+07	.18	.126	4.69E+07	.39	.211	1.34E+07	.43	.061	201
29	65	DENT	MO	8.80E+07	.15	.777	1.09E+06	.29	.060	2.38E+07	.38	.157	8.89E+05	.63	.006	207
29	67	DOUGLAS	MO	1.48E+08	.17	.732	1.56E+05	.12	.127	3.74E+07	.34	.139	5.16E+05	.34	.002	208
29	69	DUNKLIN	MO	1.25E+07	.29	.803	3.84E+07	.15	.070	2.58E+06	.37	.124	4.02E+04	.49	.002	237
29	71	FRANKLIN	MO	1.09E+08	.19	.569	2.87E+07	.28	.139	5.71E+07	.40	.226	1.49E+07	.61	.067	211
29	73	GASCONADE	MO	6.66E+07	.15	.662	1.34E+07	.30	.081	3.00E+07	.41	.224	4.39E+06	.64	.033	208
29	75	GENTRY	MO	8.96E+07	.16	.565	3.72E+07	.21	.099	5.53E+07	.43	.265	1.47E+07	.53	.070	199
29	77	GREENE	MO	2.12E+08	.26	.660	2.62E+06	.23	.117	8.83E+07	.42	.207	6.87E+06	.57	.016	203
29	79	GRUNDY	MO	8.24E+07	.22	.603	5.49E+07	.32	.117	4.59E+07	.40	.256	4.37E+06	.68	.024	197
29	81	HARRISON	MO	1.46E+08	.18	.603	6.43E+07	.27	.088	8.67E+07	.43	.272	1.17E+07	.63	.037	194
29	83	HENRY	MO	1.82E+08	.27	.708	5.80E+07	.29	.092	6.42E+07	.36	.188	4.22E+06	.57	.012	204
29	85	HICKORY	MO	7.19E+07	.15	.669	1.85E+06	.19	.102	3.06E+07	.35	.214	2.27E+06	.67	.016	203
29	87	HOLT	MO	4.81E+07	.19	.569	1.10E+08	.31	.189	2.14E+07	.47	.192	5.62E+06	.45	.050	200

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
29	89	HOWARD	MO	8.46E+07	.17	.591	3.78E+07	.29	.105	4.14E+07	.44	.220	1.59E+07	.71	.084	200
29	91	HOWELL	MO	1.89E+08	.19	.750	1.15E+06	.32	.109	4.48E+07	.38	.133	2.68E+06	.53	.008	223
29	93	IRON	MO	3.42E+07	.20	.771	9.79E+04	.05	.063	9.76E+06	.34	.166	4.51E+04	.14	.001	219
29	95	JACKSON	MO	6.43E+07	.24	.644	2.82E+07	.24	.112	2.77E+07	.42	.202	5.73E+06	.75	.042	207
29	97	JASPER	MO	1.59E+08	.32	.722	2.89E+07	.22	.108	4.45E+07	.32	.151	5.66E+06	.47	.019	212
29	99	JEFFERSON	MO	3.81E+07	.12	.551	3.78E+06	.22	.119	2.73E+07	.40	.298	3.04E+06	.58	.033	218
29	101	JOHNSON	MO	2.36E+08	.26	.695	5.31E+07	.27	.089	8.77E+07	.36	.195	9.78E+06	.55	.022	204
29	103	KNOX	MO	8.98E+07	.20	.600	5.73E+07	.29	.095	5.56E+07	.41	.284	4.03E+06	.65	.020	195
29	105	LACLEDE	MO	1.72E+08	.19	.681	2.69E+06	.31	.135	5.54E+07	.39	.165	6.54E+06	.70	.019	205
29	107	LAFAYETTE	MO	1.36E+08	.27	.567	1.04E+08	.30	.176	5.79E+07	.47	.183	2.33E+07	.75	.073	204
29	109	LAURENCE	MO	2.69E+08	.34	.706	6.56E+06	.19	.123	7.48E+07	.39	.147	1.22E+07	.65	.024	209
29	111	LEWIS	MO	6.91E+07	.18	.574	6.15E+07	.33	.109	3.82E+07	.45	.244	1.14E+07	.63	.073	198
29	113	LINCOLN	MO	8.53E+07	.19	.583	6.54E+07	.33	.168	3.77E+07	.43	.195	1.06E+07	.76	.055	211
29	115	LINN	MO	1.31E+08	.21	.595	4.26E+07	.23	.094	8.32E+07	.36	.288	6.80E+06	.55	.023	201
29	117	LIVINGSTON	MO	8.11E+07	.20	.625	4.33E+07	.20	.104	3.87E+07	.40	.228	7.14E+06	.58	.042	203
29	119	MC DONALD	MO	1.12E+08	.23	.784	4.25E+05	.18	.085	2.43E+07	.35	.128	5.21E+05	.22	.003	215
29	121	MACON	MO	1.17E+08	.16	.581	5.69E+07	.27	.101	7.90E+07	.35	.298	5.26E+06	.67	.019	200
29	123	MADISON	MO	4.51E+07	.19	.727	1.78E+06	.31	.065	1.66E+07	.36	.202	4.75E+05	.64	.006	221
29	125	MARIES	MO	8.70E+07	.14	.727	4.40E+06	.24	.068	3.13E+07	.38	.196	1.27E+06	.48	.008	206
29	127	MARION	MO	7.18E+07	.22	.593	5.88E+07	.31	.133	3.60E+07	.46	.226	7.43E+06	.67	.046	202
29	129	MERCER	MO	8.85E+07	.16	.551	3.51E+07	.34	.100	6.93E+07	.44	.327	4.62E+06	.65	.022	195
29	131	MILLER	MO	1.14E+08	.16	.742	3.57E+06	.28	.076	3.54E+07	.38	.172	1.91E+06	.57	.009	204
29	133	MISSISSIPPI	MO	2.19E+07	.36	.713	6.66E+07	.22	.096	3.71E+06	.47	.091	4.12E+06	.94	.100	232
29	135	MONITEAU	MO	1.30E+08	.25	.731	2.90E+07	.28	.104	3.53E+07	.36	.149	3.84E+06	.49	.016	201
29	137	MONROE	MO	9.06E+07	.20	.622	4.85E+07	.21	.096	5.30E+07	.40	.257	4.94E+06	.45	.024	202
29	139	MONTGOMERY	MO	5.59E+07	.17	.595	5.76E+07	.29	.134	2.63E+07	.40	.214	6.99E+06	.67	.057	206
29	141	MORGAN	MO	9.07E+07	.18	.630	1.12E+07	.24	.105	3.89E+07	.40	.210	6.64E+06	.57	.036	202
29	143	NEW MADRID	MO	1.09E+07	.38	.786	7.23E+07	.20	.148	1.15E+06	.39	.062	6.84E+04	.43	.004	232
29	145	NEWTON	MO	1.83E+08	.28	.712	3.29E+06	.15	.109	5.46E+07	.37	.160	6.55E+06	.51	.019	214
29	147	NODAWAY	MO	2.25E+08	.26	.617	8.88E+07	.21	.121	9.33E+07	.45	.194	3.29E+07	.50	.068	199
29	149	OREGON	MO	1.39E+08	.17	.824	1.80E+05	.13	.082	2.08E+07	.38	.092	2.45E+05	.33	.001	223
29	151	OSAGE	MO	1.26E+08	.15	.689	1.50E+07	.30	.100	4.50E+07	.41	.185	6.38E+06	.72	.026	205
29	153	OZARK	MO	1.11E+08	.16	.791	1.73E+05	.23	.111	1.78E+07	.36	.095	4.68E+05	.28	.002	220
29	155	PEMISCOT	MO	1.41E+06	.12	.253	3.34E+07	.13	.058	4.43E+06	.60	.595	6.95E+05	.81	.094	236
29	157	PERRY	MO	9.20E+07	.24	.600	3.12E+07	.32	.135	4.77E+07	.46	.234	6.22E+06	.60	.031	225
29	159	PETTIS	MO	1.46E+08	.24	.6.?	6.96E+07	.27	.109	5.49E+07	.37	.180	1.04E+07	.53	.036	203
29	161	PHELPS	MO	9.29E+07	.15	.738	1.94E+06	.24	.076	2.99E+07	.39	.178	1.20E+06	.53	.007	207
29	163	PIKE	MO	1.11E+08	.20	.640	6.42E+07	.29	.124	4.36E+07	.43	.193	9.83E+06	.59	.043	206
29	165	PLATTE	MO	5.88E+07	.20	.648	3.38E+07	.24	.099	2.70E+07	.46	.225	3.40E+06	.49	.028	206
29	167	POLK	MO	2.02E+08	.23	.666	2.58E+06	.20	.138	7.32E+07	.39	.186	3.82E+06	.54	.010	203
29	169	PULASKI	MO	6.52E+07	.15	.770	1.18E+06	.30	.058	1.82E+07	.37	.161	1.19E+06	.60	.010	205
29	171	PUTNAM	MO	1.14E+08	.17	.639	2.45E+07	.34	.068	6.33E+07	.37	.273	4.58E+06	.61	.019	192
29	173	RALLS	MO	7.14E+07	.20	.689	4.70E+07	.25	.102	2.51E+07	.41	.183	3.57E+06	.51	.026	204
29	175	RANDOLPH	MO	5.98E+07	.18	.603	2.40E+07	.19	.086	3.91E+07	.41	.297	1.77E+06	.43	.013	200
29	177	RAY	MO	8.98E+07	.21	.597	4.76E+07	.22	.141	4.17E+07	.33	.210	1.03E+07	.49	.052	205
29	179	REYNOLDS	MO	2.50E+07	.16	.712	6.82E+05	.26	.056	1.04E+07	.33	.223	4.52E+05	.41	.010	220
29	181	RIPLEY	MO	4.90E+07	.15	.756	8.01E+06	.22	.056	1.60E+07	.40	.185	2.36E+05	.32	.003	226
29	183	ST CHARLES	MO	3.30E+07	.17	.487	6.50E+07	.33	.184	2.28E+07	.47	.255	6.57E+06	.74	.073	215
29	185	ST CLAIR	MO	1.21E+08	.20	.687	2.31E+07	.25	.087	4.99E+07	.34	.212	3.49E+06	.51	.015	215
29	187	ST FRANCOIS	MO	5.52E+07	.19	.650	1.60E+06	.18	.087	2.71E+07	.37	.240	2.58E+06	.65	.022	219
29	189	ST LOUIS	MO	1.19E+07	.15	.628	1.14E+07	.28	.074	6.79E+06	.46	.272	5.70E+05	.51	.023	217
29	193	STE GENEVIEV	MO	6.43E+07	.17	.647	1.59E+07	.30	.119	2.69E+07	.40	.204	3.98E+06	.53	.030	221
29	195	SALINE	MO	1.31E+08	.24	.657	1.28E+08	.31	.135	4.35E+07	.43	.164	1.15E+07	.63	.043	202
29	197	SCHUYLER	MO	6.49E+07	.16	.539	1.55E+07	.27	.109	4.47E+07	.40	.328	3.42E+06	.53	.025	194
29	199	SCOTLAND	MO	7.42E+07	.20	.626	5.28E+07	.30	.082	4.12E+07	.40	.269	3.52E+06	.51	.023	195
29	201	SCOTT	MO	3.68E+07	.31	.610	5.06E+07	.20	.205	8.77E+06	.38	.109	6.02E+06	.66	.075	229

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
29	203	SHANNON	MO	4.82E+07	.14	.728	6.90E+05	.40	.004	1.65E+07	.37	.187	2.49E+04	.12		218
29	205	SHELBY	MO	7.80E+07	.19	.612	6.35E+07	.29	.122	3.79E+07	.40	.224	6.99E+06	.70	.041	202
29	207	STODDARD	MO	7.51E+07	.32	.730	9.67E+07	.22	.083	1.47E+07	.34	.121	8.94E+06	.86	.065	231
29	209	STONE	MO	1.08E+08	.22	.738	6.37E+05	.39	.140	2.25E+07	.34	.115	1.21E+06	.42	.006	211
29	211	SULLIVAN	MO	1.42E+08	.17	.584	3.42E+07	.30	.084	1.00E+08	.38	.312	6.56E+06	.53	.020	193
29	213	TANEY	MO	9.67E+07	.13	.847	6.06E+05	.32	.076	1.17E+07	.31	.077	2.36E+04	.06		217
29	215	TEXAS	MO	2.07E+08	.18	.738	9.57E+05	.26	.101	3.95E+07	.39	.160	6.74E+05	.42	.001	206
29	217	VERNON	MO	1.73E+08	.24	.725	5.47E+07	.20	.089	5.35E+07	.36	.168	5.78E+06	.36	.018	205
29	219	WARREN	MO	3.48E+07	.14	.584	3.57E+07	.36	.115	1.95E+07	.43	.248	4.14E+06	.73	.052	210
29	221	WASHINGTON	MO	4.66E+07	.16	.722	4.40E+05	.21	.060	1.84E+07	.35	.214	3.72E+05	.56	.004	217
29	223	WAYNE	MO	4.48E+07	.23	.762	1.73E+06	.19	.071	1.27E+07	.37	.163	2.80E+05	.38	.004	230
29	225	WEBSTER	MO	1.68E+08	.23	.612	1.00E+06	.23	.177	6.68E+07	.39	.183	1.02E+07	.58	.028	206
29	227	WORTH	MO	4.33E+07	.15	.530	1.84E+07	.22	.088	3.48E+07	.44	.325	6.06E+06	.56	.056	193
29	229	WRIGHT	MO	1.59E+08	.17	.641	3.91E+05	.22	.173	5.96E+07	.38	.181	1.71E+06	.63	.005	205
30	0		MT	6.89E+09	.04	.646	7.97E+08	.16	.084	3.32E+09	.38	.247	3.01E+08	.95	.022	
30	1	BEAVERHEAD	MT	3.19E+08	.07	.632	6.22E+06	.24	.055	1.94E+08	.34	.313				220
30	3	BIG HORN	MT	2.60E+08	.03	.649	1.91E+07	.22	.120	1.08E+08	.46	.202	1.84E+07	1.06	.029	112
30	5	BLAINE	MT	1.94E+08	.02	.654	2.58E+07	.17	.056	1.02E+08	.43	.265	9.65E+06	.97	.025	132
30	7	BROADWATER	MT	4.35E+07	.03	.479	6.16E+06	.15	.050	5.23E+07	.56	.443	3.36E+06	1.05	.028	135
30	9	CARBON	MT	1.14E+08	.04	.454	1.08E+07	.24	.114	1.03E+08	.49	.353	2.26E+07	1.17	.078	129
30	11	CARTER	MT	2.29E+08	.04	.761	5.48E+06	.12	.050	5.40E+07	.24	.188	4.98E+05	.16	.001	129
30	13	CASCADE	MT	1.45E+08	.04	.504	2.50E+07	.18	.198	1.03E+08	.39	.283	5.69E+06	1.04	.016	142
30	15	CHOUTEAU	MT	1.57E+08	.03	.736	7.16E+07	.18	.068	5.53E+07	.33	.196				135
30	17	CUSTER	MT	2.61E+08	.03	.771	7.93E+06	.20	.061	5.15E+07	.36	.119	2.11E+07	.94	.049	136
30	19	DANIELS	MT	6.41E+07	.05	.748	1.84E+07	.12	.052	2.22E+07	.25	.199				144
30	21	DAWSON	MT	1.32E+08	.03	.741	2.46E+07	.18	.070	3.44E+07	.26	.151	8.72E+06	.72	.038	132
30	23	DEER LODGE	MT	2.03E+07	.05	.559	4.68E+05	.18	.058	1.84E+07	.39	.383				137
30	25	FALLON	MT	1.11E+08	.04	.735	1.15E+07	.15	.052	4.04E+07	.29	.210	6.21E+05	.19	.003	108
30	27	FERGUS	MT	2.73E+08	.04	.665	7.15E+07	.16	.061	1.45E+08	.31	.273	6.50E+05	.25	.001	139
30	29	FLATHEAD	MT	3.94E+07	.05	.377	1.98E+07	.26	.105	6.98E+07	.49	.513	5.51E+05	.76	.004	135
30	31	GALLATIN	MT	1.07E+08	.04	.405	2.44E+07	.21	.135	1.53E+08	.57	.456	1.29E+06	1.04	.004	130
30	33	GARFIELD	MT	2.51E+08	.03	.878	9.77E+06	.15	.056	2.03E+07	.25	.061	1.77E+06	.53	.005	122
30	35	GLACIER	MT	1.18E+08	.02	.759	3.49E+07	.14	.057	3.77E+07	.34	.184				135
30	37	GOLDEN VALLE	MT	7.38E+07	.03	.791	2.75E+06	.14	.049	1.86E+07	.34	.160				124
30	39	GRANITE	MT	5.92E+07	.05	.569	4.31E+05	.20	.048	5.27E+07	.48	.383				133
30	41	HILL	MT	9.33E+07	.03	.759	3.77E+07	.15	.070	2.75E+07	.38	.168	4.47E+05	.72	.003	107
30	43	JEFFERSON	MT	4.73E+07	.04	.659	1.13E+06	.06	.061	2.63E+07	.38	.281				137
30	45	JUDITH BASIN	MT	1.39E+08	.06	.658	1.41E+07	.14	.092	6.64E+07	.30	.244	1.47E+06	.93	.005	127
30	47	LAKE	MT	1.29E+08	.05	.529	7.07E+06	.23	.080	1.21E+08	.52	.377	4.32E+06	.95	.013	135
30	49	LEWIS AND CL	MT	1.15E+08	.03	.622	3.79E+06	.14	.090	6.58E+07	.41	.287				115
30	51	LIBERTY	MT	5.13E+07	.03	.831	1.84E+07	.09	.055	9.27E+06	.25	.112	7.62E+04	.04	.001	126
30	53	LINCOLN	MT	1.17E+07	.06	.482	1.39E+05	.17	.055	1.49E+07	.39	.463				136
30	55	MC CONE	MT	1.49E+08	.04	.800	2.31E+07	.16	.055	3.24E+07	.27	.142	7.71E+05	.67	.004	130
30	57	MADISON	MT	1.87E+08	.04	.586	4.13E+06	.19	.053	1.47E+08	.48	.361	8.17E+03	.17		134
30	59	MEAGHER	MT	1.18E+08	.04	.720	2.58E+06	.10	.051	4.78E+07	.31	.229				119
30	61	MINERAL	MT	3.05E+06	.05	.477	1.08E+05	.16	.060	3.86E+06	.48	.463				134
30	63	MISSOULA	MT	2.94E+07	.03	.421	2.48E+06	.19	.099	4.20E+07	.49	.465	1.35E+06	.95	.015	91
30	65	MUSSELSHELL	MT	1.09E+08	.02	.736	3.64E+06	.15	.069	2.98E+07	.37	.161	6.23E+06	.78	.034	110
30	67	PARK	MT	1.37E+08	.05	.640	4.98E+06	.15	.065	8.20E+07	.43	.295				134
30	69	PETROLEUM	MT	8.12E+07	.03	.736	1.16E+06	.16	.048	3.02E+07	.35	.215	2.72E+04	.34		134
30	71	PHILLIPS	MT	2.40E+08	.04	.704	2.63E+07	.16	.057	1.01E+08	.34	.230	3.66E+06	.56	.008	135

APPENDIX C (CONTINUED)

I9	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
30	73	PONDERA	MT	8.65E+07	.07	.643	3.41E+07	.12	.075	4.44E+07	.46	.201	5.31E+04	1.01		133
30	75	POWDER RIVER	MT	2.31E+08	.04	.785	5.84E+06	.16	.051	5.91E+07	.27	.163				135
30	77	POWELL	MT	8.72E+07	.03	.315	1.55E+06	.16	.052	9.51E+07	.37	.433				136
30	79	PRAIRIE	MT	1.13E+08	.04	.756	7.17E+06	.19	.097	1.85E+07	.33	.094	1.03E+07	.93	.052	123
30	81	RAVALLI	MT	1.04E+08	.14	.536	4.32E+06	.25	.103	8.83E+07	.58	.352	2.54E+06	1.02	.010	141
30	83	RICHLAND	MT	1.34E+08	.05	.359	2.87E+07	.17	.164	5.40E+07	.31	.184	2.72E+07	.83	.093	101
30	85	ROOSEVELT	MT	1.05E+08	.03	.695	3.79E+07	.14	.076	4.33E+07	.27	.219	2.05E+06	.37	.010	134
30	87	ROSEBUD	MT	2.46E+08	.02	.770	9.45E+06	.22	.054	5.16E+07	.37	.126	1.99E+07	.95	.049	133
30	89	SANDERS	MT	5.02E+07	.03	.576	1.59E+06	.18	.055	4.20E+07	.44	.370				140
30	91	SHERIDAN	MT	8.26E+07	.05	.731	2.31E+07	.13	.055	3.13E+07	.23	.211	3.36E+05	.40	.002	116
30	93	SILVER BOW	MT	1.45E+07	.04	.484	2.76E+05	.23	.061	2.05E+07	.43	.456				133
30	95	STILLWATER	MT	9.82E+07	.04	.505	1.05E+07	.16	.196	5.46E+07	.34	.236	1.46E+07	1.12	.063	120
30	97	SWEET GRASS	MT	1.26E+08	.04	.703	2.52E+06	.13	.051	5.24E+07	.34	.246	1.09E+05	.13	.001	131
30	99	TETON	MT	1.12E+08	.04	.455	4.53E+07	.18	.092	1.29E+08	.50	.453				133
30	101	TOOLE	MT	5.98E+07	.03	.809	2.37E+07	.09	.044	1.20E+07	.29	.127				135
30	103	TREASURE	MT	6.07E+07	.03	.664	3.17E+06	.29	.052	1.93E+07	.46	.160	1.49E+07	1.08	.124	136
30	105	VALLEY	MT	2.03E+08	.04	.649	2.99E+07	.15	.055	1.01E+08	.40	.256	7.74E+06	.44	.019	136
30	107	WHEATLAND	MT	9.58E+07	.03	.707	3.53E+06	.11	.057	3.75E+07	.33	.236				126
30	109	WIBAUX	MT	7.00E+07	.05	.805	7.74E+06	.16	.060	1.58E+07	.25	.126	1.19E+06	.37	.010	134
30	111	YELLOWSTONE	MT													137
30	113	YELLOWSTNE NA	MT	2.01E+08	.05	.480	1.92E+07	.22	.254	6.54E+07	.48	.120	7.98E+07	1.19	.147	143
31	0		NE	8.45E+09	.08	.467	8.58E+09	.34	.233	5.27E+09	.38	.222	1.86E+09	.49	.078	
31	1	ADAMS	NE	2.30E+07	.08	.187	2.19E+08	.50	.588	1.48E+07	.46	.094	2.04E+07	.75	.130	123
31	3	ANTELOPE	NE	9.05E+07	.12	.313	1.72E+08	.31	.361	9.45E+07	.45	.249	2.92E+07	.45	.077	171
31	5	ARTHUR	NE	8.48E+07	.05	.704	1.51E+05	.36	.063	3.75E+07	.29	.233				157
31	7	BANNER	NE	5.83E+07	.07	.712	4.31E+06	.19	.059	2.08E+07	.43	.192	3.87E+06	.48	.036	155
31	9	BLAINE	NE	7.40E+07	.05	.670	4.72E+06	.50	.058	3.25E+07	.26	.221	7.41E+06	.87	.050	145
31	11	BOONE	NE	1.19E+08	.15	.484	1.04E+08	.26	.241	5.69E+07	.39	.175	3.26E+07	.35	.100	155
31	13	BOX BUTTE	NE	9.32E+07	.07	.543	3.02E+07	.32	.143	4.79E+07	.33	.212	2.28E+07	.93	.101	140
31	15	BOYD	NE	7.99E+07	.12	.353	3.02E+07	.18	.123	5.63E+07	.30	.295	5.60E+06	.29	.029	142
31	17	BROWN	NE	1.17E+08	.06	.531	6.96E+07	.63	.187	5.86E+07	.24	.201	2.34E+07	1.14	.080	149
31	19	BUFFALO	NE	1.20E+08	.10	.405	2.62E+08	.56	.229	1.10E+08	.50	.289	2.92E+07	.59	.076	152
31	21	BURT	NE	1.23E+07	.06	.082	1.03E+08	.23	.470	4.97E+07	.72	.271	3.25E+07	.44	.172	159
31	23	BUTLER	NE	6.08E+07	.20	.466	1.48E+08	.29	.242	3.57E+07	.57	.217	1.26E+07	.38	.074	171
31	25	CASS	NE				8.07E+07	.19	.594	3.71E+07	.63	.292	1.46E+07	.35	.115	174
31	27	CEDAR	NE	1.52E+08	.27	.449	1.03E+08	.19	.229	9.45E+07	.48	.211	4.93E+07	.37	.110	180
31	29	CHASE	NE	1.03E+08	.09	.603	1.30E+08	.52	.182	3.28E+07	.61	.145	1.56E+07	.62	.069	158
31	31	CHERRY	NE	6.95E+08	.05	.699	1.39E+07	.36	.058	3.07E+08	.21	.232	1.48E+07	.80	.011	154
31	33	CHEYENNE	NE	5.66E+07	.06	.445	2.33E+07	.23	.242	3.34E+07	.54	.202	1.83E+07	.76	.111	150
31	35	CLAY	NE	7.97E+07	.25	.550	2.40E+08	.49	.232	2.22E+07	.56	.121	1.75E+07	.79	.096	149
31	37	COLFAX	NE				7.99E+07	.24	.373	1.01E+08	.63	.427	4.72E+07	.66	.200	173
31	39	CURING	NE				8.71E+07	.20	.653	1.27E+08	.70	.227	6.71E+07	.44	.120	169
31	41	CUSTER	NE	5.04E+08	.11	.660	1.72E+08	.41	.099	1.89E+08	.41	.186	5.60E+07	.51	.055	166
31	43	DAKOTA	NE	4.46E+07	.25	.532	5.41E+07	.25	.172	2.53E+07	.57	.233	6.83E+06	.39	.043	157
31	45	DAWES	NE	1.39E+08	.05	.680	8.54E+06	.18	.059	6.22E+07	.26	.241	5.30E+06	.90	.020	167
31	47	DAWSON	NE				2.65E+08	.64	.401	2.99E+08	.77	.481	7.38E+07	.95	.118	143
31	49	DEUEL	NE	4.00E+07	.12	.695	2.10E+07	.34	.067	8.13E+06	.51	.107	9.32E+06	.70	.123	160
31	51	DIXON	NE	7.06E+07	.19	.382	6.26E+07	.18	.343	4.50E+07	.50	.187	2.13E+07	.35	.088	151
31	53	DODGE	NE	1.17E+07	.07	.068	1.23E+08	.26	.483	6.05E+07	.73	.311	2.69E+07	.39	.138	160
31	55	DOUGLAS	NE	3.02E+06	.04	.043	4.18E+07	.22	.445	2.19E+07	.66	.271	1.94E+07	.50	.241	174
31	57	DUNDY	NE	1.03E+08	.07	.694	6.49E+07	.32	.103	3.31E+07	.50	.168	6.88E+06	.37	.035	185

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
31	59	FILLMORE	NE	5.39E+07	.22	.434	2.28E+08	.41	.316	2.23E+07	.51	.138	1.81E+07	.68	.112	159
31	61	FRANKLIN	NE	9.95E+07	.14	.720	9.85E+07	.43	.124	1.76E+07	.40	.095	1.11E+07	.60	.061	176
31	63	FRONTIER	NE	1.33E+08	.10	.755	8.53E+07	.43	.083	2.82E+07	.39	.121	9.84E+06	.29	.042	170
31	65	FURNAS	NE	9.07E+07	.12	.533	8.37E+07	.35	.216	3.97E+07	.47	.174	1.47E+07	.50	.074	159
31	67	GAGE	NE	1.10E+08	.19	.474	1.39E+08	.23	.233	4.96E+07	.39	.163	3.96E+07	.36	.130	159
31	69	GARDEN	NE	1.59E+08	.05	.714	1.56E+07	.38	.069	5.65E+07	.25	.190	7.68E+06	.68	.026	185
31	71	GARFIELD	NE	7.63E+07	.08	.580	1.24E+07	.39	.093	5.17E+07	.22	.296	9.27E+06	.56	.030	147
31	73	GOSPER	NE	6.78E+07	.14	.691	7.99E+07	.46	.094	2.10E+07	.53	.161	7.13E+06	.52	.055	157
31	75	GRANT	NE	1.23E+08	.04	.678			.048	6.60E+07	.29	.274				159
31	77	GREELEY	NE	1.37E+08	.12	.579	4.98E+07	.33	.164	4.18E+07	.33	.169	2.18E+07	.41	.088	153
31	79	HALL	NE	4.00E+07	.12	.198	2.71E+08	.63	.307	4.06E+07	.52	.157	3.57E+07	.74	.138	161
31	81	HAMILTON	NE	5.48E+07	.17	.447	3.46E+08	.56	.265	2.77E+07	.36	.172	1.84E+07	.85	.115	161
31	83	HARLAN	NE	8.26E+07	.14	.598	9.75E+07	.41	.178	2.25E+07	.53	.123	1.85E+07	.69	.101	162
31	85	HAYES	NE	9.19E+07	.10	.716	3.62E+07	.31	.084	2.77E+07	.43	.162	6.42E+06	.31	.037	169
31	87	HITCHCOCK	NE	8.80E+07	.10	.686	5.17E+07	.44	.106	2.44E+07	.61	.144	1.07E+07	.42	.063	159
31	89	HOLT	NE	4.25E+08	.11	.577	2.81E+08	.61	.108	2.77E+08	.24	.283	3.11E+07	.54	.031	159
31	91	HOOKER	NE	4.78E+07	.04	.830	2.01E+05	.25	.050	9.23E+06	.20	.120				152
31	93	HOWARD	NE	8.81E+07	.14	.441	1.00E+08	.45	.255	5.19E+07	.44	.198	2.78E+07	.52	.106	155
31	95	JEFFERSON	NE	7.41E+07	.17	.498	7.27E+07	.23	.269	2.92E+07	.38	.151	1.57E+07	.32	.082	161
31	97	JOHNSON	NE	6.83E+07	.20	.615	4.28E+07	.22	.133	2.23E+07	.36	.154	1.42E+07	.31	.098	180
31	99	KEARNEY	NE	2.27E+07	.07	.174	2.57E+08	.58	.535	3.05E+07	.60	.181	1.86E+07	.78	.110	185
31	101	KEITH	NE	9.12E+07	.05	.330	3.98E+07	.45	.200	4.11E+07	.38	.180	2.06E+07	1.04	.090	168
31	103	KEYA PAHA	NE	9.13E+07	.06	.573	1.13E+07	.35	.081	6.80E+07	.21	.324	4.52E+06	.43	.022	154
31	105	KIMBALL	NE	6.13E+07	.08	.724	1.07E+07	.16	.058	1.46E+07	.43	.133	9.30E+06	.66	.085	149
31	107	KNOX	NE	2.13E+08	.16	.484	9.78E+07	.19	.196	1.34E+08	.36	.232	5.12E+07	.39	.088	148
31	109	LANCASTER	NE	9.61E+07	.24	.541	1.21E+08	.22	.153	5.20E+07	.45	.226	1.85E+07	.31	.080	154
31	111	LINCOLN	NE	2.80E+08	.06	.559	1.23E+08	.46	.111	1.82E+08	.34	.274	3.47E+07	.66	.055	180
31	113	LOGAN	NE	7.34E+07	.06	.657	9.49E+06	.27	.054	3.88E+07	.27	.262	3.92E+06	.56	.026	159
31	115	LOUP	NE	7.29E+07	.07	.673	1.18E+07	.43	.076	3.11E+07	.29	.216	5.09E+06	.68	.035	157
31	117	MC PHERSON	NE	7.58E+07	.05	.719	9.08E+05	.31	.044	2.65E+07	.18	.189	3.94E+06	.66	.028	155
31	119	MADISON	NE	6.71E+07	.17	.315	9.39E+07	.21	.344	6.07E+07	.48	.217	2.86E+07	.40	.103	157
31	121	MERRICK	NE	5.42E+07	.14	.337	1.97E+08	.54	.356	4.45E+07	.51	.211	2.02E+07	.69	.096	155
31	123	MORRILL	NE	1.60E+08	.07	.628	3.49E+07	.45	.100	7.23E+07	.32	.219	1.75E+07	1.00	.053	162
31	125	NANCE	NE	7.75E+07	.16	.559	7.15E+07	.32	.169	3.54E+07	.49	.192	1.49E+07	.42	.081	144
31	127	NEMAHA	NE	6.31E+07	.21	.606	5.48E+07	.20	.174	1.96E+07	.52	.142	1.08E+07	.32	.078	162
31	129	NUCKOLLS	NE	7.37E+07	.13	.465	9.74E+07	.32	.248	2.79E+07	.48	.133	3.22E+07	.57	.154	180
31	131	OTOE	NE	8.77E+07	.24	.536	8.37E+07	.20	.190	4.16E+07	.48	.193	1.77E+07	.33	.082	170
31	133	PAWNEE	NE	5.93E+07	.14	.572	3.19E+07	.18	.115	2.57E+07	.31	.189	1.48E+07	.28	.123	165
31	135	PERKINS	NE	5.32E+07	.10	.656	7.03E+07	.45	.124	1.84E+07	.45	.174	4.83E+06	.39	.046	189
31	137	PHELPS	NE	2.52E+07	.07	.154	3.06E+08	.64	.447	5.34E+07	.80	.251	3.09E+07	1.02	.145	157
31	139	PIERCE	NE	1.15E+08	.27	.473	8.97E+07	.22	.214	7.07E+07	.47	.219	3.03E+07	.37	.094	167
31	141	PLATTE	NE	9.68E+07	.28	.400	1.56E+08	.28	.266	6.57E+07	.54	.205	4.09E+07	.42	.128	154
31	143	POLK	NE				1.90E+08	.42	.698	2.81E+07	.59	.186	1.75E+07	.47	.116	161
31	145	RED WILLOW	NE	1.12E+08	.13	.688	7.80E+07	.44	.129	2.45E+07	.66	.122	1.30E+07	.52	.060	164
31	147	RICHARDSON	NE	7.76E+07	.20	.447	8.29E+07	.24	.296	3.22E+07	.53	.140	2.68E+07	.37	.116	159
31	149	ROCK	NE	1.44E+08	.09	.657	3.60E+07	.72	.059	7.72E+07	.21	.265	9.27E+06	.89	.010	190
31	151	SALINE	NE	7.24E+07	.24	.541	1.26E+08	.30	.201	3.00E+07	.47	.171	1.53E+07	.47	.087	181
31	153	SARPY	NE				3.10E+07	.20	.812	1.73E+07	.68	.103	1.42E+07	.40	.085	178
31	155	SAUNDERS	NE	7.64E+07	.24	.322	1.21E+08	.21	.366	7.03E+07	.58	.238	2.60E+07	.34	.084	184
31	157	SCOTTS BLUFF	NE	4.41E+07	.05	.076	6.16E+07	.52	.459	7.34E+07	.68	.168	4.25E+07	1.12	.097	178
31	159	SEWARD	NE	3.27E+07	.11	.211	1.66E+08	.32	.480	3.32E+07	.54	.169	2.76E+07	.53	.140	144
31	161	SHERIDAN	NE	2.82E+08	.04	.673	3.08E+07	.28	.063	1.30E+08	.25	.235	1.60E+07	.50	.029	178
31	163	SHERMAN	NE	1.15E+08	.14	.577	4.68E+07	.34	.128	6.06E+07	.79	.232	1.42E+07	.45	.042	151
31	165	SIOUX	NE	1.60E+08	.04	.777	9.86E+06	.40	.066	3.51E+07	.25	.132	6.71E+06	1.01	.025	150
31	167	STANTON	NE				4.95E+07	.18	.608	6.62E+07	.54	.206	2.46E+07	.34	.106	137
31	169	THAYER	NE	4.38E+07	.09	.342	1.47E+08	.34	.385	2.66E+07	.42	.168	1.36E+07	.48	.085	150

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	-------- GRAIN -------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	--------- HAY --------- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	-------- SILAGE -------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
31	171	THOMAS	NE	7.37E+07	.06	.055	1.81E+06	.59	.048	9.84E+06	.23	.085	1.32E+06	.83	.011	179
31	173	THURSTON	NE	3.54E+07	.23	.282	5.86E+07	.19	.308	4.38E+07	.43	.265	2.39E+07	.37	.145	155
31	175	VALLEY	NE	1.16E+08	.14	.522	6.43E+07	.41	.166	6.58E+07	.46	.224	2.89E+07	.61	.088	167
31	177	WASHINGTON	NE	1.02E+06	.01		5.87E+07	.19	.512	6.89E+07	.77	.331	2.57E+07	.46	.137	158
31	179	WAYNE	NE	6.91E+07	.28	.314	5.43E+07	.15	.320	6.49E+07	.58	.229	3.98E+07	.32	.134	152
31	181	WEBSTER	NE	9.90E+07	.16	.658	4.97E+07	.28	.116	3.34E+07	.40	.169	1.13E+07	.43	.057	142
31	183	WHEELER	NE	8.48E+07	.09	.574	1.95E+07	.46	.102	5.49E+07	.29	.279	8.88E+06	.54	.045	176
31	185	YORK	NE	6.19E+07	.27	.477	3.03E+08	.47	.282	2.43E+07	.64	.142	1.68E+07	.70	.098	158
32	0		NV	1.28E+09	.03	.590	1.12E+07	.25	.092	8.40E+08	.44	.312	1.57E+07	1.14	.006	
32	1	CHURCHILL	NV	5.60E+07	.06	.284	2.27E+06	.32	.238	1.13E+08	.87	.454	6.08E+06	1.14	.024	166
32	3	CLARK	NV	3.88E+07	.14	.489	2.44E+05	.27	.235	2.47E+07	.86	.238	4.21E+06	1.16	.040	125
32	5	DOUGLAS	NV	4.77E+07	.09	.473	5.[illegible]E+05	.27	.106	5.13E+07	.72	.421				244
32	7	ELKO	NV	4.75E+08	.04	.720	2.34E+05	.14	.050	1.90E+08	.28	.229				211
32	9	ESMERALDA	NV	3.34E+07		.733	1.72E+04	.17	.047	1.34E+07	.84	.220				106
32	11	EUREKA	NV	7.01E+07	.08	.705	8.08E+05	.20	.052	3.16E+07	.39	.242				235
32	13	HUMBOLDT	NV	1.35E+08	.04	.572	2.96E+06	.24	.048	1.18E+08	.37	.379	1.91E+05	1.34	.001	109
32	15	LANDER	NV	9.24E+07	.04	.806	3.72E+05	.09	.048	2.11E+07	.22	.146	8.84E+04	.71	.001	120
32	17	LINCOLN	NV	3.83E+07	.23	.577	6.12E+04	.38	.061	3.14E+07	.63	.384	7.10E+05	.68	.008	116
32	19	LYON	NV	3.45E+07	.05	.175	1.09E+06	.25	.145	1.10E+08	.80	.673	1.12E+06	1.20	.007	176
32	21	MINERAL	NV	8.37E+06	.01	.630			.048	5.67E+06	.71	.322				177
32	23	NYE	NV	7.11E+07	.04	.732	2.72E+03	.05	.049	2.83E+07	.50	.219	1.09E+05	.67	.001	217
32	25	CARSON CITY	NV	2.81E+06	.04	.629			.127	9.52E+05	.29	.244				215
32	27	PERSHING	NV	6.94E+07	.03	.636	1.98E+06	.40	.048	4.38E+07	.81	.316				187
32	29	STOREY	NV													123
32	31	WASHOE	NV	5.58E+07	.02	.626	3.45E+05	.29	.073	3 10E+07	.58	.296	4.25E+05	1.01	.004	156
32	33	WHITE PINE	NV	8.64E+07	.11	.720	2.37E+05	.14	.053	2.87E+07	.48	.226				148
33	0		NH	6.79E+07	.13	.191	1.36E+06	.39	.294	1.43E+08	.39	.317	8.90E+07	1.03	.198	
33	1	BELKNAP	NH	1.88E+06	.09	.188	1.93E+03	.29	.280	5.00E+06	.37	.379	2.01E+06	.88	.152	130
33	3	CARROLL	NH	1.03E+05	.01		1.07E+04	.54	.253	3.25E+06	.37	.320	4.34E+06	1.13	.427	157
33	5	CHESHIRE	NH	6.96E+06	.18	.175	2.47E+05	.33	.290	1.33E+07	.36	.262	1.37E+07	1.15	.273	143
33	7	COOS	NH	1.07E+07	.11	.225	2.67E+05	.49	.304	2.20E+07	.41	.341	6.87E+06	1.17	.109	146
33	9	GRAFTON	NH	1.39E+07	.12	.184	6.78E+04	.33	.298	3.07E+07	.41	.316	1.98E+07	1.07	.202	148
33	11	HILLSBOROUGH	NH	5.18E+06	.10	.132	1.37E+05	.42	.323	1.68E+07	.40	.349	9.44E+06	1.02	.196	152
33	13	MERRIMACK	NH	1.34E+07	.22	.267	1.17E+05	.36	.286	1.60E+07	.39	.251	1.24E+07	.88	.195	143
33	15	ROCKINGHAM	NH	4.39E+06	.10	.154	4.60E+05	.40	.265	1.38E+07	.38	.424	5.07E+06	.90	.156	151
33	17	STRAFFORD	NH	4.02E+06	.21	.231	2.45E+04	.19	.296	7.26E+06	.40	.286	4.77E+06	.82	.188	142
33	19	SULLIVAN	NH	6.60E+06	.12	.186	3.24E+04	.47	.292	1.37E+07	.40	.301	1.00E+07	1.20	.220	140
34	0		NJ	8.28E+07	.13	.153	1.34E+08	.36	.288	2.41E+08	.51	.357	1.34E+08	.94	.202	
34	1	ATLANTIC	NJ	4.86E+05	.06	.538	2.04E+05	.24	.170	3.29E+05	.36	.277	1.76E+04	.13	.015	130
34	3	BERGEN	NJ	4.00E+05	.32	.480			.288	2.93E+05	.36	.231				224
34	5	BURLINGTON	NJ	4.37E+06	.05	.079	2.57E+07	.36	.304	2.51E+07	.50	.366	1.71E+07	.98	.249	214

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	------- GRAIN ------- PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	---------- HAY ---------- PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	------- SILAGE ------- PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	FROST-FREE DAYS
34	7	CAMDEN	NJ	4.72E+04	.01	.019	1.69E+05	.20	.137	1.00E+06	.59	.844				213
34	9	CAPE MAY	NJ				7.10E+04	.18	.109	8.92E+05	.44	.891				225
34	11	CUMBERLAND	NJ	2.44E+06	.09	.114	6.65E+06	.30	.272	1.09E+07	.48	.424	4.08E+06	1.11	.190	224
34	13	ESSEX	NJ	2.65E+05	.15	.233	1.19E+05	.36	.291	6.42E+05	.20	.423	8.17E+04	.67	.054	225
34	15	GLOUCESTER	NJ	2.69E+05	.01	.015	5.45E+06	.26	.276	7.19E+06	.56	.382	6.15E+06	1.02	.327	212
34	17	HUDSON	NJ													227
34	19	HUNTERDON	NJ	1.43E+07	.14	.133	2.77E+07	.42	.261	4.62E+07	.45	.415	1.90E+07	1.00	.171	215
34	21	MERCER	NJ	2.17E+06	.12	.164	1.01E+07	.31	.260	6.84E+06	.54	.452	1.88E+06	1.05	.124	204
34	23	MIDDLESEX	NJ	5.48E+05	.08	.091	6.17E+06	.30	.378	1.87E+06	.39	.154	5.07E+06	1.14	.417	210
34	25	MONMOUTH	NJ				1.34E+07	.35	.185	1.18E+07	.50	.547	5.74E+06	1.18	.267	207
34	27	MORRIS	NJ	1.24E+06	.05	.058	2.43E+06	.49	.283	1.07E+07	.42	.419	6.11E+06	.92	.240	210
34	29	OCEAN	NJ	6.98E+05	.12	.312	1.69E+06	.31	.294	8.17E+05	.37	.283	3.23E+05	.70	.112	204
34	31	PASSAIC	NJ	2.37E+05	1.22	.489			.355	7.62E+04	.36	.156				219
34	33	SALEM	NJ	1.86E+07	.35	.264	1.71E+07	.33	.287	2.17E+07	.68	.235	1.97E+07	.89	.214	209
34	35	SOMERSET	NJ	6.38E+06	.14	.179	7.62E+06	.34	.247	1.72E+07	.42	.451	4.69E+06	.74	.123	226
34	37	SUSSEX	NJ	1.25E+07	.10	.148	3.34E+06	.48	.300	3.67E+07	.51	.333	2.40E+07	.93	.218	205
34	39	UNION	NJ	1.64E+05	1.10	.402			.101	1.70E+05	.46	.497				192
34	41	WARREN	NJ	2.03E+07	.27	.208	2.33E+07	.48	.316	4.04E+07	.59	.315	2.07E+07	.82	.161	210
35	0		NM	3.64E+09	.02	.704	2.57E+08	.30	.147	8.32E+08	.81	.132	1.05E+08	.58	.016	
35	1	BERNALILLO	NM	2.12E+07	.02	.271	4.08E+05	.41	.356	2.95E+07	.97	.304	6.67E+06	.95	.069	187
35	3	CATRON	NM	1.64E+08	.02	.944	3.13E+04	.31	.050	1.13E+06	.42	.004	2.65E+05	.42	.001	196
35	5	CHAVES	NM	7.42E+07	.01		5.40E+06	.31	.485	2.05E+08	1.25	.487	1.24E+07	.86	.029	207
35	7	COLFAX	NM	1.61E+08	.02	.856	3.08E+05	.12	.050	2.34E+07	.40	.094	8.51E+04	.41		208
35	9	CURRY	NM	1.86E+08	.10	.660	9.44E+07	.41	.290	9.95E+06	.45	.027	8.72E+06	.47	.023	179
35	11	DE BACA	NM	9.94E+07	.02	.824	9.58E+05	.44	.079	1.47E+07	1.06	.097				200
35	13	DONA ANA	NM	4.58E+07	.03	.403	4.48E+06	.37	.198	5.67E+07	1.03	.378	3.04E+06	.81	.020	206
35	15	EDDY	NM				1.18E+06	.25	.270	1.34E+08	1.11	.724	1.41E+06	.83	.005	209
35	17	GRANT	NM	1.38E+08	.03	.924	1.61E+05	.31	.051	4.51E+06	.46	.022	6.29E+05	.96	.003	216
35	19	GUADALUPE	NM	1.50E+08	.02	.939			.049	2.30E+06	.59	.012				216
35	21	HARDING	NM	1.44E+08	.03	.946	4.49E+05	.12	.049	1.06E+06	.31	.005				196
35	23	HIDALGO	NM	1.15E+08	.02	.901	1.71E+07	.33	.048	8.70E+06	.84	.051				190
35	25	LEA	NM	1.92E+08	.02	.715	1.39E+07	.28	.139	4.43E+07	.78	.127	6.43E+06	.65	.019	255
35	27	LINCOLN	NM	1.60E+08	.02	.946			.052	3.57E+05	.52	.002				216
35	29	LUNA	NM	8.31E+07	.03	.793	3.12E+07	.49	.131	7.23E+06	.91	.052	3.47E+06	.77	.025	207
35	31	MC KINLEY	NM	1.27E+08	.01	.931	1.05E+04	.03	.049	2.46E+06	.49	.020				223
35	33	MORA	NM	7.79E+07	.02	.895	1.41E+04	.13	.052	6.15E+06	.31	.053				177
35	35	OTERO	NM	9.98E+07	.02	.827	3.77E+05	.18	.060	1.53E+07	.89	.109	5.26E+05	.30	.004	182
35	37	QUAY	NM	2.13E+08	.03	.764	9.40E+06	.15	.142	2.88E+07	.66	.077	6.34E+06	.28	.017	210
35	39	RIO ARRIBA	NM	8.92E+07	.02	.807	4.10E+05	.16	.053	1.73E+07	.34	.139	1.71E+05	.49	.001	197
35	41	ROOSEVELT	NM	1.94E+08	.04	.706	4.21E+07	.16	.172	3.04E+07	.61	.085	1.30E+07	.29	.036	178
35	43	SANDOVAL	NM	4.89E+07	.02	.818	1.18E+04	.12	.049	1.03E+07	.70	.133				203
35	45	SAN JUAN	NM	5.54E+07	.01	.403	2.35E+06	.47	.062	4.30E+07	.67	.420	1.08E+07	1.13	.107	190
35	47	SAN MIGUEL	NM	1.89E+08	.02	.920	2.12E+05	.20	.067	3.41E+06	.30	.013	2.75E+05	.34	.001	171
35	49	SANTA FE	NM	5.84E+07	.02	.691	1.52E+06	.38	.051	1.50E+07	.91	.133	1.41E+07	1.29	.125	194
35	51	SIERRA	NM	1.23E+08	.02	.908	3.88E+05	.48	.047	7.96E+06	1.11	.044				195
35	53	SOCORRO	NM	1.42E+08	.02	.811	4.09E+06	.38	.055	2.85E+07	.88	.125	1.93E+06	.88	.008	216
35	55	TAOS	NM	2.34E+07	.02	.543	1.96E+05	.14	.052	1.57E+07	.49	.387	7.39E+05	.87	.018	196
35	57	TORRANCE	NM	1.20E+08	.02	.823	1.23E+06	.28	.058	1.82E+07	.63	.094	4.84E+06	.59	.025	181
35	59	UNION	NM	2.46E+08	.03	.735	1.54E+07	.30	.214	1.11E+07	.37	.025	2.54E+06	.22	.006	197
35	61	VALENCIA	NM	1.38E+08	.01	.695	7.54E+05	.21	.106	3.61E+07	.81	.170	6.09E+06	1.06	.028	181

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
36	0		NY	1.33E+09	.12	.148	8.91E+08	.35	.299	4.26E+09	.48	.366	2.18E+09	.87	.188	
36	1	ALBANY	NY	2.54E+06	.03	.035	3.12E+06	.37	.255	3.70E+07	.40	.556	1.02E+07	.75	.134	194
36	3	ALLEGANY	NY	2.90E+07	.09	.152	1.31E+07	.25	.275	1.00E+08	.46	.433	3.24E+07	.83	.139	173
36	5	BRONX	NY													173
36	7	BROOME	NY	3.15E+07	.14	.218	2.68E+06	.31	.301	5.84E+07	.40	.367	3.33E+07	.83	.175	216
36	9	CATTARAUGUS	NY	5.69E+07	.14	.200	7.81E+06	.27	.296	1.31E+08	.51	.349	5.82E+07	.84	.154	173
36	11	CAYUGA	NY	2.49E+07	.16	.107	7.58E+07	.39	.294	1.17E+08	.52	.394	6.10E+07	.88	.205	177
36	13	CHAUTAUQUA	NY	5.79E+07	.15	.186	1.01E+07	.35	.293	1.47E+08	.50	.360	6.62E+07	.87	.162	171
36	15	CHEMUNG	NY	9.24E+06	.09	.155	4.85E+06	.30	.273	3.06E+07	.41	.400	1.31E+07	.77	.172	179
36	17	CHENANGO	NY	5.93E+07	.15	.207	8.31E+06	.32	.307	1.21E+08	.46	.322	6.18E+07	.89	.163	173
36	19	CLINTON	NY	3.60E+07	.10	.182	1.97E+06	.34	.304	8.38E+07	.41	.319	5.14E+07	.80	.196	170
36	21	COLUMBIA	NY	1.83E+07	.12	.101	1.46E+07	.45	.303	7.47E+07	.46	.324	6.46E+07	.84	.272	151
36	23	CORTLAND	NY	4.18E+07	.16	.191	9.33E+06	.35	.310	8.58E+07	.50	.298	5.77E+07	.87	.200	178
36	25	DELAWARE	NY	7.48E+07	.14	.239	1.96E+06	.45	.312	1.26E+08	.44	.304	6.01E+07	.95	.145	171
36	27	DUTCHESS	NY	1.85E+07	.11	.124	1.00E+07	.43	.292	6.25E+07	.50	.325	5.00E+07	.95	.239	171
36	29	ERIE	NY	2.52E+07	.14	.111	1.87E+07	.32	.302	1.11E+08	.51	.382	5.98E+07	.85	.205	182
36	31	ESSEX	NY				8.76E+05	.27	.272	3.07E+07	.41	.538	1.08E+07	.79	.190	174
36	33	FRANKLIN	NY	3.82E+07	.13	.204	2.84E+06	.29	.313	8.11E+07	.44	.325	3.94E+07	.91	.157	152
36	35	FULTON	NY	5.20E+06	.11	.108	1.38E+06	.27	.314	2.45E+07	.42	.382	1.26E+07	.82	.196	158
36	37	GENESEE	NY	2.42E+07	.23	.129	4.74E+07	.39	.301	8.55E+07	.57	.373	4.54E+07	.86	.198	165
36	39	GREENE	NY	6.34E+06	.07	.131	1.12E+06	.34	.286	2.79E+07	.44	.445	8.67E+06	.80	.139	174
36	41	HAMILTON	NY													177
36	43	HERKIMER	NY	4.16E+07	.14	.167	9.13E+06	.30	.320	1.12E+08	.47	.338	5.79E+07	.92	.175	162
36	45	JEFFERSON	NY	4.96E+07	.08	.119	2.91E+07	.29	.308	2.16E+08	.45	.393	9.93E+07	.86	.180	164
36	47	KINGS	NY													171
36	49	LEWIS	NY	4.01E+07	.13	.150	4.44E+06	.23	.332	1.21E+08	.51	.340	6.28E+07	.99	.177	215
36	51	LIVINGSTON	NY	3.05E+07	.13	.136	5.81E+07	.39	.275	9.97E+07	.52	.400	4.72E+07	.85	.189	170
36	53	MADISON	NY	4.26E+07	.14	.146	3.05E+07	.37	.315	1.36E+08	.55	.355	6.99E+07	.87	.182	174
36	55	MONROE	NY	3.42E+06	.04	.042	2.97E+07	.36	.280	4.44E+07	.53	.476	1.88E+07	.76	.202	170
36	57	MONTGOMERY	NY	2.34E+07	.13	.115	1.40E+07	.31	.312	1.01E+08	.46	.373	5.42E+07	.78	.199	176
36	59	NASSAU	NY	1.50E+05	.20	.394			.316	1.10E+05	.32	.217	3.70E+04	.54	.073	171
36	61	NEW YORK	NY													212
36	63	NIAGARA	NY	1.74E+06	.03	.006	2.71E+07	.33	.279	6.23E+07	.48	.487	2.92E+07	.78	.228	219
36	65	ONEIDA	NY	6.44E+07	.13	.184	2.33E+07	.34	.304	1.64E+08	.53	.352	7.49E+07	.89	.160	174
36	67	ONONDAGA	NY	2.01E+07	.12	.169	4.12E+07	.36	.299	9.49E+07	.52	.392	4.83E+07	.84	.199	170
36	69	ONTARIO	NY	1.34E+07	.11	.091	6.99E+07	.41	.278	8.14E+07	.54	.445	3.39E+07	.89	.185	169
36	71	ORANGE	NY	2.35E+07	.11	.174	4.36E+06	.36	.308	6.19E+07	.47	.321	3.80E+07	.89	.196	174
36	73	ORLEANS	NY	7.61E+06	.08	.084	3.68E+07	.39	.267	4.12E+07	.53	.418	2.20E+07	.90	.232	199
36	75	OSWEGO	NY	2.43E+07	.13	.191	5.94E+06	.31	.278	6.10E+07	.51	.364	2.81E+07	.80	.167	174
36	77	OTSEGO	NY	5.26E+07	.12	.157	1.11E+07	.27	.304	1.51E+08	.49	.348	8.31E+07	.94	.191	170
36	79	PUTNAM	NY	1.47E+06	.13	.285	6.79E+04	.25	.267	1.40E+06	.49	.211	1.80E+06	.89	.237	170
36	81	QUEENS	NY													200
36	83	RENSSELAER	NY	8.81E+06	.07	.083	7.38E+06	.39	.295	5.47E+07	.47	.421	2.62E+07	.86	.202	215
36	85	RICHMOND	NY													174
36	87	ROCKLAND	NY	5.53E+05	1.45	.548			.324	3.54E+04	.25	.026	1.36E+05	1.68	.101	211
36	89	ST LAWRENCE	NY	5.32E+07	.07	.120	4.36E+06	.29	.298	2.34E+08	.42	.402	1.05E+08	.89	.180	212
36	91	SARATOGA	NY	8.68E+06	.08	.104	9.64E+06	.43	.296	3.86E+07	.41	.359	2.59E+07	.95	.241	161
36	93	SCHENECTADY	NY	1.09E+06	.07	.112	9.39E+05	.34	.274	1.08E+07	.32	.490	2.70E+06	.87	.123	167
36	95	SCHOHARIE	NY	1.91E+07	.09	.121	6.35E+06	.37	.301	8.50E+07	.44	.411	3.46E+07	.84	.167	173
36	97	SCHUYLER	NY	7.54E+06	.08	.134	6.65E+06	.27	.261	2.77E+07	.42	.447	9.73E+06	.84	.157	171
36	99	SENECA	NY	6.15E+06	.12	.108	4.22E+07	.33	.255	3.15E+07	.48	.493	9.27E+06	.83	.145	173
36	101	STEUBEN	NY	4.48E+07	.09	.136	3.72E+07	.27	.281	1.68E+08	.44	.419	6.60E+07	.78	.164	172
36	103	SUFFOLK	NY	1.56E+06	.13	.312	1.26E+06	.20	.294	8.60E+05	.47	.135	1.65E+06	1.01	.259	173
36	105	SULLIVAN	NY	2.13E+07	.20	.292	9.77E+05	.46	.284	3.15E+07	.42	.328	9.28E+06	.76	.097	198
36	107	TIOGA	NY	2.84E+07	.17	.215	8.06E+06	.30	.294	5.42E+07	.43	.369	3.18E+07	.80	.181	189

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
36	109	TOMPKINS	NY	2.00E+07	.17	.163	2.36E+07	.36	.288	5.47E+07	.50	.352	3.07E+07	.87	.197	172
36	111	ULSTER	NY	9.91E+06	.17	.196	6.87E+06	.56	.266	2.17E+07	.43	.360	1.08E+07	.86	.178	172
36	113	WARREN	NY	9.98E+05	.12	.173			.303	1.94E+06	.45	.252	2.09E+06	1.07	.272	186
36	115	WASHINGTON	NY	2.28E+07	.06	.076	9.64E+06	.48	.312	1.24E+08	.46	.322	1.11E+08	.97	.289	162
36	117	WAYNE	NY	2.40E+07	.18	.229	4.11E+07	.40	.249	4.77E+07	.54	.346	2.40E+07	.90	.175	157
36	119	WESTCHESTER	NY				4.33E+04	.24	.215	2.35E+06	.34	.658	4.50E+05	.80	.127	173
36	121	WYOMING	NY	4.70E+07	.20	.140	2.99E+07	.32	.310	1.44E+08	.54	.331	9.51E+07	.89	.219	204
36	123	YATES	NY	2.26E+06	.03		2.44E+07	.38	.266	3.81E+07	.55	.535	1.42E+07	.87	.199	174
37	0		NC	2.40E+09	.22	.651	2.17E+09	.36	.143	5.10E+08	.38	.103	5.01E+08	.89	.102	
37	1	ALAMANCE	NC	4.23E+07	.26	.514	1.36E+07	.32	.203	1.21E+07	.38	.110	1.89E+07	.94	.172	178
37	3	ALEXANDER	NC	2.85E+07	.33	.590	3.22E+06	.28	.168	5.00E+06	.38	.078	1.05E+07	.98	.163	219
37	5	ALLEGHANY	NC	5.20E+07	.26	.589	4.09E+05	.41	.178	1.58E+07	.41	.136	1.13E+07	1.22	.097	227
37	7	ANSON	NC	3.59E+07	.24	.753	1.65E+07	.24	.088	9.00E+06	.58	.141	1.15E+06	.51	.018	208
37	9	ASHE	NC	6.95E+07	.21	.700	3.21E+05	.40	.106	1.77E+07	.36	.135	7.65E+06	1.16	.058	242
37	11	AVERY	NC	9.59E+06	.19	.734	1.22E+05	.26	.070	2.46E+06	.31	.145	5.13E+05	1.28	.031	208
37	13	BEAUFORT	NC	1.95E+07	.29	.758	6.87E+07	.39	.103	8.00E+05	.50	.023	3.98E+06	.91	.116	220
37	15	BERTIE	NC	1.13E+07	.15	.857	4.67E+07	.43	.081	3.32E+05	.23	.019	7.64E+05	.79	.043	244
37	17	BLADEN	NC	1.76E+07	.14	.522	3.52E+07	.38	.185	5.49E+06	.62	.122	7.70E+06	1.01	.172	247
37	19	BRUNSWICK	NC	4.74E+06	.12	.730	1.34E+07	.34	.159	6.42E+05	.37	.074	3.29E+05	.69	.038	246
37	21	BUNCOMBE	NC	5.12E+07	.20	.513	1.57E+06	.38	.185	1.41E+07	.41	.106	2.61E+07	.99	.196	253
37	23	BURKE	NC	1.41E+07	.40	.649	3.19E+06	.36	.110	4.13E+06	.33	.142	2.88E+06	.87	.099	206
37	25	CABARRUS	NC	3.52E+07	.24	.618	1.19E+07	.27	.146	1.19E+07	.37	.157	6.03E+06	.81	.079	223
37	27	CALDWELL	NC	1.91E+07	.33	.595	3.60E+06	.36	.152	4.67E+06	.30	.109	6.10E+06	.91	.143	241
37	29	CAMDEN	NC	3.41E+06	.32	.704	3.32E+07	.47	.137	1.81E+05	.27	.028	8.18E+05	.85	.130	224
37	31	CARTERET	NC	1.85E+06	.19	.773	6.31E+06	.36	.096	2.50E+05	.37	.078	1.68E+05	1.24	.052	256
37	33	CASWELL	NC	2.33E+07	.14	.641	6.51E+06	.28	.138	5.49E+06	.29	.113	5.23E+06	.76	.108	230
37	35	CATAWBA	NC	4.18E+07	.32	.659	1.04E+07	.27	.131	1.02E+07	.34	.121	7.50E+06	.86	.088	214
37	37	CHATHAM	NC	6.25E+07	.29	.662	1.10E+07	.35	.132	1.17E+07	.40	.094	1.41E+07	.97	.112	228
37	39	CHEROKEE	NC	1.71E+07	.26	.668	2.57E+06	.46	.115	4.79E+06	.38	.140	2.63E+06	.94	.077	235
37	41	CHOWAN	NC	4.17E+06	.12	.842	2.18E+07	.44	.105	3.38E+05	.25	.051	1.25E+04	.12	.002	217
37	43	CLAY	NC	1.35E+07	.47	.557	1.45E+06	.47	.165	4.28E+06	.50	.133	4.69E+06	1.40	.145	253
37	45	CLEVELAND	NC	6.75E+07	.30	.713	1.04E+07	.22	.114	7.17E+06	.34	.057	1.47E+07	.85	.116	215
37	47	COLUMBUS	NC	1.97E+07	.15	.705	5.45E+07	.38	.135	2.59E+06	.42	.070	3.35E+06	.76	.090	227
37	49	CRAVEN	NC	6.56E+06	.13	.717	2.52E+07	.33	.135	8.66E+05	.52	.072	9.11E+05	.67	.076	249
37	51	CUMBERLAND	NC	1.66E+07	.12	.560	3.03E+07	.29	.134	8.68E+06	.66	.220	3.33E+06	.89	.085	246
37	53	CURRITUCK	NC	3.92E+06	.36	.915	3.79E+07	.46	.050	6.53E+04	.32	.011	1.31E+05	1.29	.023	241
37	55	DARE	NC													239
37	57	DAVIDSON	NC	4.23E+07	.28	.569	1.29E+07	.32	.179	1.33E+07	.35	.133	1.18E+07	.82	.119	268
37	59	DAVIE	NC	4.00E+07	.23	.550	7.93E+06	.35	.199	9.73E+06	.38	.102	1.43E+07	.91	.149	226
37	61	DUPLIN	NC	2.54E+07	.16	.813	7.86E+07	.38	.100	1.64E+06	.43	.040	1.94E+06	1.02	.046	225
37	63	DURHAM	NC	1.09E+07	.22	.617	4.50E+06	.30	.118	3.21E+06	.35	.137	2.99E+06	.68	.127	242
37	65	EDGECOMBE	NC	2.14E+07	.16	.816	6.71E+07	.41	.099	1.08E+06	.24	.031	1.90E+06	.82	.054	232
37	67	FORSYTH	NC	2.51E+07	.23	.621	4.40E+06	.28	.143	7.89E+06	.35	.147	4.76E+06	.84	.088	231
37	69	FRANKLIN	NC	2.43E+07	.15	.735	1.50E+07	.23	.122	3.65E+06	.33	.083	2.59E+06	.59	.059	222
37	71	GASTON	NC	2.34E+07	.27	.541	4.25E+06	.24	.165	7.11E+06	.34	.123	9.83E+06	.79	.170	227
37	73	GATES	NC	5.70E+06	.16	.774	2.72E+07	.39	.114	8.47E+05	.26	.086	2.47E+05	1.10	.025	233
37	75	GRAHAM	NC	4.11E+06	.17	.668	2.47E+05	.46	.071	1.13E+06	.40	.137	1.01E+06	1.04	.124	237
37	77	GRANVILLE	NC	3.65E+07	.15	.643	8.48E+06	.24	.140	7.29E+06	.38	.097	9.06E+06	.68	.120	216
37	79	GREENE	NC	5.33E+06	.13	.725	5.50E+07	.48	.072	9.75E+05	.89	.100	1.02E+06	.82	.103	227
37	81	GUILFORD	NC	3.92E+07	.19	.511	1.19E+07	.29	.174	1.58E+07	.38	.155	1.64E+07	.94	.160	232
37	83	HALIFAX	NC	3.94E+07	.21	.791	4.08E+07	.35	.080	2.41E+06	.24	.036	6.16E+06	.79	.093	223

APPENDIX C (CONTINUED)

1S	1C	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M882	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M882	FRAC.	FROST-FREE DAYS
37	85	HARNETT	NC	2.32E+07	.18	.781	2.63E+07	.26	.089	3.50E+06	.48	.088	1.6[illegible]+06	.55	.042	226
37	87	HAYWOOD	NC	4.90E+07	.21	.685	3.73E+05	.38	.118	7.48E+06	.37	.079	1.12[illegible]+07	1.23	.118	239
37	89	HENDERSON	NC	2.35E+07	.27	.482	7.49E+06	.56	.201	4.84E+06	.35	.075	1.57E+07	1.08	.242	211
37	91	HERTFORD	NC	4.45E+06	.06	.838	2.70E+07	.41	.064	2.32E+05	.17	.034	4.44E+05	.76	.064	204
37	93	HOKE	NC	9.08E+06	.21	.732	8.11E+06	.19	.080	2.45E+06	.52	.148	6.44E+05	.84	.039	233
37	95	HYDE	NC	1.49E+07	.18	.674	4.69E+07	.45	.131	1.11E+06	.55	.037	4.44E+06	.76	.157	245
37	97	IREDELL	NC	9.07E+07	.27	.553	1.34E+07	.28	.191	2.39E+07	.41	.109	3.22E+07	.86	.147	263
37	99	JACKSON	NC	1.00E+07	.19	.744	1.85E+05	.39	.076	2.02E+06	.33	.113	1.20E+06	1.15	.067	229
37	101	JOHNSTON	NC	4.36E+07	.23	.742	7.50E+07	.34	.119	5.04E+06	.42	.064	5.83E+06	.86	.074	214
37	103	JONES	NC	6.53E+06	.09	.884	2.64E+07	.36	.065	3.25E+05	.34	.033	1.74E+05	.91	.018	238
37	105	LEE	NC	1.41E+07	.26	.809	1.54E+06	.15	.079	2.14E+06	.35	.093	4.34E+05	.69	.019	237
37	107	LENOIR	NC	7.50E+06	.10	.457	7.04E+07	.44	.368	1.64E+06	.39	.075	2.19E+06	.67	.100	234
37	109	LINCOLN	NC	3.29E+07	.26	.653	9.02E+06	.22	.142	7.34E+06	.37	.109	6.39E+06	.78	.095	234
37	111	MC DOWELL	NC	9.68E+06	.26	.624	1.71E+06	.45	.129	2.04E+06	.33	.099	3.05E+06	1.14	.148	230
37	113	MACON	NC	1.20E+07	.17	.447	4.34E+05	.52	.158	5.03E+06	.39	.146	7.84E+06	1.23	.229	217
37	115	MADISON	NC	4.06E+07	.14	.695	1.49E+06	.40	.134	6.25E+06	.28	.080	7.05E+06	1.08	.091	216
37	117	MARTIN	NC	1.67E+07	.17	.799	4.31E+07	.42	.112	1.30E+06	.26	.046	1.18E+06	.74	.042	211
37	119	MECKLENBURG	NC	2.49E+07	.28	.546	3.11E+06	.24	.189	6.85E+06	.39	.113	9.23E+06	.80	.152	230
37	121	MITCHELL	NC	1.18E+07	.15	.695	1.50E+05	.42	.101	2.66E+06	.27	.110	1.96E+06	1.26	.087	240
37	123	MONTGOMERY	NC	9.42E+06	.20	.646	3.71E+06	.29	.156	1.91E+06	.38	.098	1.95E+06	.79	.100	218
37	125	MOORE	NC	1.71E+07	.18	.751	6.54E+06	.23	.086	4.78E+06	.40	.157	1.91E+05	.69	.006	241
37	127	NASH	NC	1.92E+07	.16	.736	3.11E+07	.29	.102	2.34E+06	.33	.047	3.30E+06	.85	.094	243
37	129	NEW HANOVER	NC	7.30E+05	.08	.551	3.84E+06	.44	.062	2.50E+05	.43	.142	4.33E+05	.73	.245	228
37	131	NORTHAMPTON	NC	1.44E+07	.13	.742	3.45E+07	.34	.134	1.23E+06	.34	.049	1.38E+06	.63	.058	240
37	133	ONSLOW	NC	6.19E+06	.16	.708	2.31E+07	.36	.147	5.63E+05	.56	.049	1.12E+06	.82	.097	231
37	135	ORANGE	NC	3.13E+07	.32	.492	9.87E+06	.30	.213	7.37E+06	.36	.088	1.75E+07	.89	.208	243
37	137	PAMLICO	NC	2.32E+06	.21	.919	3.87E+06	.17	.064	5.63E+04	.16	.016				224
37	139	PASQUOTANK	NC	5.83E+06	.42	.747	4.58E+07	.48	.157	2.54E+05	.39	.025	4.93E+05	1.18	.049	253
37	141	PENDER	NC	5.91E+06	.10	.717	2.46E+07	.38	.140	8.38E+05	.40	.076	7.37E+05	.85	.067	256
37	143	PERQUIMANS	NC	6.29E+06	.22	.859	4.29E+07	.44	.084	4.65E+05	.25	.048	8.70E+04	.59	.009	252
37	145	PERSON	NC	1.80E+07	.14	.687	9.88E+06	.30	.115	3.18E+06	.32	.091	3.69E+06	.88	.106	235
37	147	PITT	NC	2.28E+07	.24	.763	8.43E+07	.39	.139	1.65E+06	.34	.041	2.23E+06	.69	.056	217
37	149	POLK	NC	8.74E+06	.21	.626	1.23E+06	.30	.110	3.00E+06	.33	.161	1.91E+06	.67	.103	225
37	151	RANDOLPH	NC	6.53E+07	.30	.597	2.26E+07	.35	.178	1.48E+07	.37	.102	1.78E+07	.84	.123	218
37	153	RICHMOND	NC	7.27E+06	.11	.677	4.72E+06	.17	.058	3.75E+06	.52	.262	4.27E+04	.35	.003	227
37	155	ROBESON	NC	1.40E+07	.12	.709	8.83E+07	.35	.096	4.33E+06	.52	.164	8.10E+05	.73	.031	242
37	157	ROCKINGHAM	NC	2.44E+07	.14	.591	7.31E+06	.28	.155	8.08E+0[illegible]	.36	.147	5.91E+06	.65	.107	248
37	159	ROWAN	NC	5.44E+07	.28	.548	1.67E+07	.29	.192	1.32E+07	.36	.100	2.12E+07	.90	.160	210
37	161	RUTHERFORD	NC	3.52E+07	.26	.750	4.81E+06	.29	.105	6.31E+06	.30	.100	2.78E+06	.78	.044	239
37	163	SAMPSON	NC	3.26E+07	.17	.742	8.29E+07	.38	.111	5.98E+06	.66	.102	2.67E+06	.93	.046	221
37	165	SCOTLAND	NC	1.18E+07	.16	.643	8.49E+06	.22	.053	8.54E+06	.58	.328	4.18E+05	.54	.016	242
37	167	STANLY	NC	5.28E+07	.34	.733	3.05E+07	.31	.113	9.33E+06	.37	.097	5.49E+06	.84	.057	245
37	169	STOKES	NC	2.34E+07	.14	.680	4.96E+06	.30	.103	6.95E+06	.32	.150	3.11E+06	.84	.047	241
37	171	SURRY	NC	5.30E+07	.24	.638	1.41E+07	.41	.129	1.25E+07	.36	.112	1.33E+07	.88	.120	207
37	173	SWAIN	NC	2.19E+06	.27	.655	1.72E+05	.35	.119	6.46E+05	.37	.145	3.58E+05	.47	.080	210
37	175	TRANSYLVANIA	NC	1.00E+07	.40	.705	2.36E+06	.47	.084	1.78E+06	.36	.094	2.24E+06	.94	.118	216
37	177	TYRRELL	NC	3.47E+06	.25	.789	1.72E+07	.45	.112	2.99E+04	.32	.005	5.34E+05	1.27	.093	212
37	179	UNION	NC	6.86E+07	.29	.700	5.73E+07	.30	.125	1.14E+07	.41	.087	1.14E+07	.80	.087	260
37	181	VANCE	NC	1.38E+07	.19	.760	4.39E+06	.19	.108	2.35E+06	.31	.097	8.40E+05	.51	.034	242
37	183	WAKE	NC	3.74E+07	.19	.602	1.87E+07	.23	.201	5.69E+06	.36	.069	1.05E+07	.83	.128	225
37	185	WARREN	NC	2.22E+07	.14	.749	6.24E+06	.21	.100	3.65E+06	.33	.092	2.33E+06	.74	.058	233
37	187	WASHINGTON	NC	1.64E+07	.40	.860	5.36E+07	.43	.082	4.26E+05	.23	.016	1.04E+06	.77	.041	228
37	189	WATAUGA	NC	2.75E+07	.20	.688	2.21E+05	.35	.104	7.54E+06	.38	.143	3.36E+06	1.08	.064	252
37	191	WAYNE	NC	2.20E+07	.24	.720	1.07E+08	.45	.156	2.69E+06	.67	.066	2.35E+06	.81	.058	222
37	193	WILKES	NC	4.52E+07	.40	.713	5.73E+06	.41	.097	1.57E+07	.41	.128	7.48E+06	.88	.061	234
37	195	WILSON	NC	7.59E+06	.12	.811	5.93E+07	.45	.112	5.30E+05	.37	.043	4.21E+05	.73	.034	211

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
37	197	YADKIN	NC	4.20E+07	.30	.555	2.12E+07	.35	.182	9.97E+06	.39	.099	1.66E+07	.95	.165	234
37	199	YANCEY	NC	1.89E+07	.15	.675	2.94E+05	.27	.154	2.78E+06	.30	.074	3.59E+06	.93	.097	222
38	0		ND	3.83E+09	.07	.463	1.95E+09	.14	.099	4.14E+09	.29	.392	4.89E+08	.34	.044	
38	1	ADAMS	ND	8.15E+07	.08	.561	1.77E+07	.13	.083	5.42E+07	.24	.291	1.19E+07	.30	.064	216
38	3	BARNES	ND	7.60E+07	.14	.422	8.33E+07	.15	.101	8.98E+07	.35	.385	2.14E+07	.42	.091	139
38	5	BENSON	ND	6.77E+07	.09	.453	3.88E+07	.12	.088	8.41E+07	.28	.441	3.43E+06	.29	.018	134
38	7	BILLINGS	ND	7.81E+07	.03	.716	5.00E+06	.11	.065	3.08E+07	.22	.212	9.77E+05	.31	.007	130
38	9	BOTTINEAU	ND	4.63E+07	.09	.423	5.42E+07	.14	.078	6.78E+07	.31	.494	7.10E+05	.27	.005	138
38	11	BOWMAN	ND	1.02E+08	.07	.658	2.00E+07	.15	.070	4.34E+07	.22	.256	2.62E+06	.25	.016	151
38	13	BURKE	ND	3.25E+07	.06	.450	2.07E+07	.15	.074	4.24E+07	.28	.475	8.17E+04	.40	.001	140
38	15	BURLEIGH	ND	1.20E+08	.07	.443	2.05E+07	.08	.080	1.53E+08	.28	.428	1.76E+07	.29	.049	132
38	17	CASS	ND	2.10E+07	.07	.132	1.21E+08	.18	.223	7.19E+07	.34	.501	2.07E+07	.55	.144	134
38	19	CAVALIER	ND	1.98E+07	.08	.410	6.26E+07	.13	.094	3.10E+07	.34	.492	2.38E+05	.35	.004	135
38	21	DICKEY	ND	8.51E+07	.11	.370	5.51E+07	.14	.098	1.22E+08	.34	.422	3.18E+07	.37	.110	131
38	23	DIVIDE	ND	3.53E+07	.06	.498	2.22E+07	.15	.074	3.89E+07	.28	.427	2.72E+04	.11		140
38	25	DUNN	ND	2.16E+08	.05	.623	2.13E+07	.11	.072	1.21E+08	.25	.263	1.88E+07	.28	.041	131
38	27	EDDY	ND	3.67E+07	.09	.367	1.10E+07	.09	.077	6.10E+07	.27	.517	4.57E+06	.31	.039	137
38	29	EMMONS	ND	1.14E+08	.07	.455	2.02E+07	.08	.116	1.22E+08	.24	.369	1.98E+07	.25	.060	130
38	31	FOSTER	ND	2.27E+07	.07	.248	2.07E+07	.13	.206	4.79E+07	.36	.459	9.13E+06	.40	.088	137
38	33	GOLDEN VALLE	ND	7.74E+07	.07	.711	1.44E+07	.16	.079	2.53E+07	.29	.177	4.59E+06	.39	.032	132
38	35	GRAND FORKS	ND	2.73E+07	.10	.295	7.85E+07	.18	.106	5.04E+07	.39	.463	1.47E+07	.60	.135	139
38	37	GRANT	ND	1.45E+08	.07	.536	2.10E+07	.10	.094	1.15E+08	.24	.330	1.42E+07	.22	.040	132
38	39	GRIGGS	ND	4.17E+07	.13	.447	2.92E+07	.14	.089	4.95E+07	.33	.412	6.33E+06	.44	.052	138
38	41	HETTINGER	ND	6.37E+07	.09	.496	2.84E+07	.14	.107	6.68E+07	.27	.381	2.66E+06	.24	.015	132
38	43	KIDDER	ND	1.05E+08	.07	.381	1.54E+07	.08	.084	1.76E+08	.27	.505	1.02E+07	.38	.029	138
38	45	LA MOURE	ND	8.11E+07	.13	.378	4.96E+07	.13	.121	1.11E+08	.36	.407	2.53E+07	.43	.093	134
38	47	LOGAN	ND	7.44E+07	.08	.411	1.57E+07	.09	.111	1.12E+08	.28	.458	4.86E+06	.30	.020	134
38	49	MC HENRY	ND	1.04E+08	.07	.382	3.31E+07	.10	.088	1.80E+08	.26	.505	8.63E+06	.30	.024	134
38	51	MC INTOSH	ND	8.02E+07	.09	.412	1.61E+07	.08	.115	1.12E+08	.28	.439	8.51E+06	.30	.033	131
38	53	MC KENZIE	ND	2.13E+08	.08	.643	2.34E+07	.13	.065	9.70E+07	.26	.245	1.08E+07	.79	.027	140
38	55	MC LEAN	ND	8.29E+07	.07	.429	3.15E+07	.11	.109	1.07E+08	.29	.427	8.84E+06	.37	.035	135
38	57	MERCER	ND	1.03E+08	.08	.548	1.20E+07	.09	.084	6.74E+07	.26	.282	1.55E+07	.31	.064	133
38	59	MORTON	ND	1.86E+08	.07	.487	2.59E+07	.09	.116	1.68E+08	.26	.337	2.97E+07	.36	.059	133
38	61	MOUNTRAIL	ND	8.11E+07	.06	.508	2.63E+07	.14	.080	8.38E+07	.30	.410	3.62E+05	.26	.001	134
38	63	NELSON	ND	2.46E+07	.08	.330	3.31E+07	.13	.094	4.87E+07	.30	.547	2.56E+06	.42	.028	132
38	65	OLIVER	ND	6.60E+07	.07	.500	9.41E+06	.10	.092	5.79E+07	.30	.333	1.31E+07	.33	.075	131
38	67	PEMBINA	ND	1.40E+07	.09	.291	5.09E+07	.19	.108	3.03E+07	.37	.532	3.92E+06	.53	.069	134
38	69	PIERCE	ND	4.84E+07	.10	.401	2.89E+07	.11	.118	7.30E+07	.25	.465	2.56E+06	.26	.016	132
38	71	RAMSEY	ND	1.82E+07	.08	.385	3.53E+07	.11	.100	2.89E+07	.32	.498	9.45E+05	.34	.016	130
38	73	RANSOM	ND	5.67E+07	.08	.349	4.82E+07	.17	.089	8.69E+07	.35	.437	2.47E+07	.44	.124	129
38	75	RENVILLE	ND	2.23E+07	.10	.456	2.69E+07	.14	.103	2.64E+07	.34	.424	1.01E+06	.37	.016	137
38	77	RICHLAND	ND	7.41E+07	.18	.393	1.68E+08	.22	.149	8.74E+07	.40	.356	2.50E+07	.51	.102	132
38	79	ROLETTE	ND	2.87E+07	.07	.339	2.64E+07	.13	.088	6.02E+07	.32	.571	2.07E+05	.12	.002	137
38	81	SARGENT	ND	7.31E+07	.15	.431	5.19E+07	.16	.104	7.80E+07	.33	.367	2.08E+07	.38	.098	130
38	83	SHERIDAN	ND	4.52E+07	.06	.382	1.49E+07	.11	.104	7.66E+07	.31	.488	4.07E+06	.32	.026	138
38	85	SIOUX	ND	9.22E+07	.04	.645	5.67E+06	.09	.071	5.08E+07	.20	.268	2.87E+06	.20	.015	132
38	87	SLOPE	ND	8.51E+07	.05	.673	1.40E+07	.16	.065	4.02E+07	.24	.247	2.32E+06	.32	.014	137
38	89	STARK	ND	1.25E+08	.09	.491	3.12E+07	.14	.122	1.18E+08	.30	.353	1.13E+07	.26	.034	140
38	91	STEELE	ND	1.44E+07	.11	.343	4.84E+07	.18	.109	2.40E+07	.41	.446	4.40E+06	.56	.082	138
38	93	STUTSMAN	ND	1.16E+08	.08	.345	6.45E+07	.13	.099	1.95E+08	.33	.493	1.72E+07	.39	.043	133
38	95	TOWNER	ND	1.47E+07	.10	.382	3.32E+07	.12	.085	2.26E+07	.28	.529	1.71E+05	.19	.004	133

APPENDIX C (CONTINUED)

XS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
38	97	TRAILL	ND	8.07E+06	.10	.185	5.37E+07	.19	.146	2.74E+07	.51	.554	5.70E+06	.55	.115	130
38	99	WALSH	ND	2.65E+07	.11	.353	6.87E+07	.17	.110	4.65E+07	.33	.487	4.84E+06	.49	.051	134
38	101	WARD	ND	9.46E+07	.09	.471	4.89E+07	.13	.103	1.08E+08	.32	.414	3.16E+06	.31	.012	131
38	103	WELLS	ND	5.12E+07	.10	.373	3.71E+07	.13	.165	7.17E+07	.33	.418	7.67E+06	.34	.045	132
38	105	WILLIAMS	ND	1.03E+08	.07	.559	3.01E+07	.13	.062	8.22E+07	.32	.365	3.06E+06	.44	.013	132
39	0		OH	3.69E+09	.25	.398	5.36E+09	.35	.239	2.49E+09	.49	.264	9.21E+08	.84	.097	
39	1	ADAMS	OH	8.50E+07	.18	.601	2.49E+07	.38	.159	3.79E+07	.42	.205	6.54E+06	.98	.035	132
39	3	ALLEN	OH	1.81E+07	.43	.337	7.62E+07	.28	.308	1.23E+07	.46	.210	8.46E+06	.64	.145	191
39	5	ASHLAND	OH	6.03E+07	.36	.341	5.26E+07	.36	.276	6.09E+07	.53	.281	2.22E+07	.78	.103	182
39	7	ASHTABULA	OH	3.97E+07	.20	.258	2.81E+07	.34	.276	7.37E+07	.51	.370	1.91E+07	.67	.096	187
39	9	ATHENS	OH	2.81E+07	.16	.534	3.48E+06	.37	.144	1.83E+07	.38	.275	3.10E+06	.76	.046	185
39	11	AUGLAIZE	OH	3.31E+07	.39	.246	8.57E+07	.30	.324	4.23E+07	.53	.284	2.16E+07	.76	.145	191
39	13	BELMONT	OH	4.26E+07	.17	.463	9.24E+06	.38	.173	3.95E+07	.46	.340	2.85E+06	.80	.025	182
39	15	BROWN	OH	7.33E+07	.24	.619	4.00E+07	.34	.158	3.03E+07	.43	.195	4.37E+06	.99	.028	184
39	17	BUTLER	OH	5.52E+07	.27	.481	6.04E+07	.39	.206	3.64E+07	.50	.245	9.97E+06	.90	.067	191
39	19	CARROLL	OH	3.42E+07	.20	.369	1.83E+07	.40	.210	7.11E+07	.46	.354	7.73E+06	.70	.067	190
39	21	CHAMPAIGN	OH	6.26E+07	.37	.395	1.19E+08	.41	.258	3.90E+07	.53	.202	2.79E+07	1.03	.145	182
39	23	CLARK	OH	2.13E+07	.15	.176	1.13E+08	.46	.469	2.56E+07	.55	.188	2.30E+07	1.11	.168	189
39	25	CLERMONT	OH	3.48E+07	.19	.610	1.64E+07	.26	.111	1.92E+07	.40	.254	1.84E+06	.65	.025	189
39	27	CLINTON	OH	3.69E+07	.25	.487	1.39E+08	.43	.240	1.65E+07	.54	.180	8.52E+06	.98	.093	191
39	29	COLUMBIANA	OH	3.91E+07	.28	.279	3.44E+07	.41	.251	6.04E+07	.57	.340	2.30E+07	.84	.130	190
39	31	COSHOCTON	OH	6.35E+07	.20	.461	5.10E+07	.51	.187	4.76E+07	.49	.288	1.06E+07	.92	.064	183
39	33	CRAWFORD	OH	3.15E+07	.42	.342	9.81E+07	.34	.273	2.02E+07	.50	.241	1.21E+07	.80	.144	185
39	35	CUYAHOGA	OH	1.12E+06	.23	.372	1.34E+06	.33	.159	1.52E+06	.38	.415	1.98E+05	.39	.054	192
39	37	DARKE	OH	6.34E+07	.51	.385	1.86E+08	.39	.269	4.17E+07	.50	.211	2.65E+07	.95	.134	190
39	39	DEFIANCE	OH	1.24E+07	.27	.287	5.39E+07	.22	.325	1.40E+07	.42	.210	9.33E+06	.61	.178	185
39	41	DELAWARE	OH	2.66E+07	.25	.349	7.68E+07	.33	.246	2.40E+07	.50	.278	1.08E+07	.80	.126	179
39	43	ERIE	OH	8.90E+06	.37	.259	4.54E+07	.40	.304	1.23E+07	.60	.299	5.64E+06	.89	.137	190
39	45	FAIRFIELD	OH	5.96E+07	.33	466	9.38E+07	.44	.209	3.71E+07	.49	.239	1.33E+07	1.14	.085	186
39	47	FAYETTE	OH	3.12E+07	.23	.470	1.30E+08	.42	.216	1.67E+07	.49	.210	8.23E+06	1.10	.103	193
39	49	FRANKLIN	OH	1.59E+07	.26	.386	6.05E+07	.36	.229	1.23E+07	.49	.264	5.63E+06	1.01	.121	191
39	51	FULTON	OH	1.64E+07	.59	.154	1.36E+08	.39	.476	1.41E+07	.58	.104	3.58E+07	.82	.266	195
39	53	GALLIA	OH	5.09E+07	.17	.514	6.22E+06	.43	.148	1.80E+07	.38	.164	8.15E+06	.94	.074	183
39	55	GEAUGA	OH	9.75E+06	.13	.190	9.02E+06	.33	.293	2.63E+07	.49	.409	6.92E+06	.69	.107	192
39	57	GREENE	OH	3.76E+07	.26	.472	1.05E+08	.47	.248	1.91E+07	.52	.197	7.95E+06	1.05	.082	185
39	59	GUERNSEY	OH	4.84E+07	.15	.513	7.51E+06	.37	.117	3.93E+07	.44	.334	4.12E+06	.73	.035	189
39	61	HAMILTON	OH	1.34E+07	.20	.506	9.40E+06	.38	.168	6.88E+06	.43	.259	1.78E+06	.96	.067	183
39	63	HANCOCK	OH	1.57E+07	.28	.237	1.12E+08	.29	.357	1.63E+07	.46	.316	4.64E+06	.63	.090	192
39	65	HARDIN	OH	3.13E+07	.36	.379	1.09E+08	.29	.285	1.96E+07	.43	.243	7.47E+06	.60	.092	186
39	67	HARRISON	OH	3.26E+07	.14	.464	6.44E+06	.37	.135	2.82E+07	.49	.370	2.35E+06	.82	.031	188
39	69	HENRY	OH	8.35E+06	.37	.172	1.17E+08	.33	.390	1.35E+07	.35	.226	1.26E+07	.82	.212	182
39	71	HIGHLAND	OH	8.58E+07	.25	.573	7.75E+07	.36	.153	4.40E+07	.49	.229	8.57E+06	.92	.045	182
39	73	HOCKING	OH	1.57E+07	.15	.543	6.92E+06	.42	.094	1.18E+07	.40	.335	9.78E+05	.82	.028	191
39	75	HOLMES	OH	7.12E+07	.30	.376	4.34E+07	.39	.271	6.78E+07	.55	.275	1.92E+07	.83	.078	193
39	77	HURON	OH	2.19E+07	.26	.309	9.69E+07	.33	.281	2.08E+07	.51	.282	9.46E+06	.87	.128	185
39	79	JACKSON	OH	3.25E+07	.16	.566	7.30E+06	.41	.102	2.27E+07	.40	.298	2.59E+06	.69	.034	186
39	81	JEFFERSON	OH	1.41E+07	.15	.359	4.19E+06	.42	.159	2.23E+07	.54	.442	2.00E+06	.94	.040	193
39	83	KNOX	OH	8.13E+07	.30	.435	6.58E+07	.38	.225	5.30E+07	.49	.265	1.49E+07	.82	.074	183
39	85	LAKE	OH				3.25E+06	.33	.181	4.22E+06	.44	.648	1.11E+06	.70	.171	189
39	87	LAWRENCE	OH	2.48E+07	.14	.579	3.55E+06	.42	.156	9.36E+06	.39	.164	5.71E+06	1.03	.100	186
39	89	LICKING	OH	8.00E+07	.26	.452	8.31E+07	.38	.205	5.63E+07	.50	.271	1.49E+07	.86	.072	192

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
39	91	LOGAN	OH	5.37E+07	.33	.367	8.53E+07	.31	.260	3.82E+07	.50	.240	2.10E+07	.78	.132	191
39	93	LORAIN	OH	1.84E+07	.25	.205	4.24E+07	.30	.303	2.77E+07	.51	.351	1.52E+07	.75	.142	188
39	95	LUCAS	OH	1.37E+07	.27	.150	4.78E+07	.35	.301	3.97E+06	.52	.354	2.19E+06	.74	.195	188
39	97	MADISON	OH	4.25E+07	.26	.383	1.52E+08	.41	.272	2.97E+07	.48	.226	1.57E+07	.96	.119	183
39	99	MAHONING	OH	1.87E+07	.28	.281	2.26E+07	.36	.263	2.66E+07	.55	.308	1.27E+07	.88	.147	191
39	101	MARION	OH	2.10E+07	.3[illegible]	.358	1.10E+08	.34	.269	1.11E+07	.46	.223	7.47E+06	1.12	.150	183
39	103	MEDINA	OH	2.21E+07	.26	.240	3.04E+07	.34	.281	4.25E+07	.52	.362	1.37E+07	.68	.117	190
39	105	MEIGS	OH	3.62E+07	.16	.544	6.26E+06	.41	.150	2.18E+07	.44	.248	5.08E+06	.92	.058	187
39	107	MERCER	OH	5.43E+07	.72	.310	1.18E+08	.31	.304	5.34E+07	.57	.239	3.26E+07	.87	.146	191
39	109	MIAMI	OH	3.39E+07	.42	.399	1.10E+08	.42	.283	1.85E+07	.52	.180	1.42E+07	1.09	.138	182
39	111	MONROE	OH	4.18E+07	.14	.512	4.00E+06	.38	.146	3.30E+07	.41	.313	3.05E+06	1.03	.029	186
39	113	MONTGOMERY	OH	3.60E+07	.46	.534	6.26E+07	.40	.180	1.63E+07	.47	.193	7.78E+06	1.01	.092	185
39	115	MORGAN	OH	3.49E+07	.13	.531	7.23E+06	.44	.126	2.44E+07	.43	.319	1.90E+06	.99	.025	187
39	117	MORROW	OH	3.52E+07	.23	.411	6.16E+07	.32	.206	2.67E+07	.49	.301	7.25E+06	.78	.082	192
39	119	MUSKINGUM	OH	6.79E+07	.17	.503	3.11E+07	.48	.148	4.66E+07	.45	.294	8.66E+06	.84	.055	190
39	121	NOBLE	OH	3.99E+07	.14	.582	3.23E+06	.42	.090	2.48E+07	.39	.307	1.64E+06	.85	.020	187
39	123	OTTAWA	OH				2.82E+07	.23	.327	9.53E+06	.46	.484	3.72E+06	.67	.189	187
39	125	PAULDING	OH	5.10E+06	.19	.289	9.51E+07	.29	.244	6.99E+06	.34	.345	2.48E+06	.65	.122	186
39	127	PERRY	OH	3.57E+07	.18	.487	1.97E+07	.42	.135	2.88E+07	.46	.328	4.47E+06	1.16	.051	182
39	129	PICKAWAY	OH	4.41E+07	.25	.442	1.56E+08	.43	.234	2.89E+07	.51	.234	1.10E+07	.96	.089	188
39	131	PIKE	OH	2.97E+07	.22	.579	1.29E+07	.33	.139	1.60E+07	.44	.236	3.12E+06	.95	.046	192
39	133	PORTAGE	OH	2.37E+07	.23	.301	2.75E+07	.36	.253	3.40E+07	.52	.340	1.05E+07	.82	.106	193
39	135	PREBLE	OH	4.95E+07	.36	.486	1.35E+08	.47	.226	2.63E+07	.49	.205	1.07E+07	1.08	.083	182
39	137	PUTNAM	OH	2.36E+07	.48	.378	1.03E+08	.28	.302	1.70E+07	.43	.220	7.63E+06	.61	.099	188
39	139	RICHLAND	OH	3.88E+07	.28	.383	5.24E+07	.31	.263	3.48E+07	.50	.286	8.32E+06	.65	.068	182
39	141	ROSS	OH	6.92E+07	.21	.603	7.80E+07	.39	.138	2.90E+07	.45	.196	9.19E+06	.89	.062	188
39	143	SANDUSKY	OH	1.20E+07	.26	.189	9.53E+07	.36	.348	1.90E+07	.56	.277	1.27E+07	.94	.185	191
39	145	SCIOTO	OH	3.99E+07	.25	.606	1.63E+07	.38	.151	1.72E+07	.41	.196	4.03E+06	.72	.046	186
39	147	SENECA	OH	2.40E+07	.33	.275	1.18E+08	.31	.280	2.50E+07	51	.310	1.09E+07	.74	.135	193
39	149	SHELBY	OH	3.80E+07	.38	.287	9.90E+07	.34	.298	4.43E+07	.53	.289	2.01E+07	.85	.126	191
39	151	STARK	OH	5.10E+07	.43	.356	5.34E+07	.40	.275	5.31E+07	.53	.284	1.64E+07	.81	.088	186
39	153	SUMMIT	OH	2.68E+06	.10	.187	4.42E+06	.31	.207	7.71E+06	.47	.511	1.44E+06	.80	.095	177
39	155	TRUMBULL	OH	2.79E+07	.24	.319	2.63E+07	.36	.249	3.60E+07	.50	.314	1.35E+07	.81	.118	182
39	157	TUSCARAWAS	OH	5.52E+07	.25	.412	3.42E+07	.44	.229	4.88E+07	.51	.280	1.38E+07	.96	.079	184
39	159	UNION	OH	4.04E+07	.35	.358	1.02E+08	.34	.275	2.87E+07	.51	.229	1.72E+07	.89	.137	182
39	161	VAN WERT	OH	6.94E+06	.30	.251	1.22E+08	.32	.326	9.38E+06	.45	.313	3.26E+06	.74	.109	190
39	163	VINTON	OH	1.10E+07	.11	.516	4.11E+06	.45	.114	9.04E+06	.41	.341	7.62E+05	.74	.028	182
39	165	WARREN	OH	4.00E+07	.28	.542	4.98E+07	.35	.181	1.89E+07	.41	.199	7.33E+06	.75	.077	193
39	167	WASHINGTON	OH	5.31E+07	.17	.518	1.44E+07	.50	.151	3.56E+07	.44	.272	7.67E+06	.88	.058	190
39	169	WAYNE	OH	9.92E+07	.54	.299	9.78E+07	.41	.301	1.09E+08	.59	.256	6.17E+07	.88	.145	191
39	171	WILLIAMS	OH	1.85E+07	.29	.225	6.69E+07	.25	.377	1.71E+07	.43	.183	2.31E+07	.63	.214	184
39	173	WOOD	OH	3.07E+06	.06	.023	1.39E+08	.29	.374	1.98E+07	.50	.409	9.35E+06	.76	.193	178
39	175	WYANDOT	OH	1.73E+07	.27	.340	8.33E+07	.28	.267	1.18E+07	.45	.299	3.72E+06	.56	.094	183
40	0		OK	1.21E+10	.14	.775	8.19E+08	.18	.107	2.24E+09	.41	.108	2.02E+08	.32	.010	
40	1	ADAIR	OK	1.23E+08	.23	.776	2.15E+05	.17	.088	2.61E+07	.38	.124	2.48E+06	.93	.012	188
40	3	ALFALFA	OK	2.23E+08	.35	.784	1.89E+07	.1[illegible]	.074	4.77E+07	.62	.131	4.11E+06	.39	.011	221
40	5	ATOKA	OK	2.01E+08	.15	.879	4.71E+05	.1.	.059	3.23E+07	.38	.101	1.55E+05	.13	.001	207
40	7	BEAVER	OK	1.72E+08	.06	.666	3.30E+07	.17	.224	2.90E+07	.48	.085	8.63E+06	.15	.025	229
40	9	BECKHAM	OK	1.33E+08	.11	.828	7.59E+06	.13	.081	1.72E+07	.37	.080	2.18E+06	.18	.010	190
40	11	BLAINE	OK	1.94E+08	.18	.829	1.62E+07	.17	.086	2.45E+07	.45	.079	1.97E+06	.24	.006	219
40	13	BRYAN	OK	2.41E+08	.18	.824	7.06E+06	.18	.056	4.62E+07	.37	.118	5.62E+05	.07	.001	220

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
40	15	CADDO	OK	3.59E+08	.21	.834	2.80E+07	.21	.061	5.64E+07	.54	.099	4.09E+06	.24	.007	247
40	17	CANADIAN	OK	2.31E+08	.22	.713	1.75E+07	.17	.158	4.67E+07	.60	.109	8.51E+06	.48	.020	221
40	19	CARTER	OK	1.39E+08	.13	.862	1.39E+06	.18	.054	1.80E+07	.36	.084	1.19E+04	.01		222
40	21	CHEROKEE	OK	1.25E+08	.16	.793	1.20E+05	.13	.077	2.67E+07	.36	.127	6.66E+05	.35	.003	231
40	23	CHOCTAW	OK	2.09E+08	.21	.841	3.75E+05	.14	.057	3.38E+07	.39	.102	1.76E+05	.17	.001	220
40	25	CIMARRON	OK	6.40E+07	.03	.354	6.32E+07	.17	.489	2.50E+07	.51	.104	1.27E+07	.34	.052	230
40	27	CLEVELAND	OK	7.66E+07	.17	.714	2.39E+06	.15	.094	2.36E+07	.39	.166	3.69E+06	.77	.026	177
40	29	COAL	OK	1.50E+08	.16	.820	1.50E+06	.23	.068	2.68E+07	.36	.109	6.10E+05	.22	.002	222
40	31	COMANCHE	OK	1.35E+08	.14	.812	5.87E+06	.14	.088	2.20E+07	.34	.087	3.18E+06	.33	.013	223
40	33	COTTON	OK	1.35E+08	.18	.894	9.98E+06	.16	.055	9.99E+06	.36	.049	2.20E+05	.10	.001	222
40	35	CRAIG	OK	2.11E+08	.17	.743	9.74E+06	.14	.145	4.05E+07	.30	.107	1.81E+06	.48	.004	223
40	37	CREEK	OK	1.24E+08	.11	.830	9.62E+05	.16	.064	2.07E+07	.36	.104	4.11E+05	.17	.002	216
40	39	CUSTER	OK	1.77E+08	.14	.790	1.86E+07	.17	.099	2.86E+07	.58	.097	4.20E+06	.34	.014	220
40	41	DELAWARE	OK	1.46E+08	.21	.755	4.13E+06	.21	.085	4.10E+07	.39	.139	1.40E+05	.18	.001	214
40	43	DEWEY	OK	1.57E+08	.10	.844	8.05E+06	.14	.085	1.46E+07	.39	.059	2.97E+06	.16	.012	217
40	45	ELLIS	OK	1.75E+08	.08	.796	6.40E+06	.11	.095	2.52E+07	.54	.086	6.69E+06	.20	.023	212
40	47	GARFIELD	OK	2.01E+08	.21	.845	2.36E+07	.16	.074	2.29E+07	.44	.073	2.36E+06	.47	.007	208
40	49	GARVIN	OK	1.85E+08	.15	.713	8.49E+06	.21	.070	6.95E+07	.56	.202	5.36E+06	.57	.016	217
40	51	GRADY	OK	3.01E+08	.18	.789	1.11E+07	.17	.090	5.71E+07	.51	.112	4.08E+06	.35	.008	227
40	53	GRANT	OK	1.45E+08	.20	.784	2.38E+07	.17	.075	2.94E+07	.52	.126	3.54E+06	.40	.015	222
40	55	GREER	OK	7.20E+07	.09	.796	3.97E+06	.10	.057	1.72E+07	.36	.142	5.72E+05	.10	.004	215
40	57	HARMON	OK	8.27E+07	.14	.893	3.94E+06	.11	.051	6.54E+06	.38	.053	3.25E+05	.04	.003	220
40	59	HARPER	OK	2.19E+08	.12	.878	7.88E+06	.13	.057	1.93E+07	.40	.058	2.06E+06	.15	.006	220
40	61	HASKELL	OK	1.43E+08	.18	.818	6.62E+05	.15	.056	2.93E+07	.35	.126				200
40	63	HUGHES	OK	1.52E+08	.14	.839	3.55E+06	.17	.057	2.23E+07	.29	.092	2.91E+06	.66	.012	226
40	65	JACKSON	OK	1.11E+08	.13	.827	1.02E+07	.13	.105	1.19E+07	.38	.066	1.10E+06	.13	.006	223
40	67	JEFFERSON	OK	1.69E+08	.13	.912	2.17E+06	.15	.053	8.54E+06	.33	.031	1.10E+06	.27	.004	222
40	69	JOHNSTON	OK	1.36E+08	.13	.827	2.88E+06	.29	.067	2.24E+07	.40	.102	9.79E+05	.42	.004	231
40	71	KAY	OK	1.43E+08	.19	.734	2.18E+07	.20	.080	4.35E+07	.51	.171	4.07E+06	.49	.016	235
40	73	KINGFISHER	OK	2.52E+08	.25	.796	1.60E+07	.14	.119	3.34E+07	.43	.079	1.99E+06	.29	.004	215
40	75	KIOWA	OK	1.46E+08	.13	.859	1.34E+07	.14	.070	1.53E+07	.39	.048	5.63E+05	.14	.002	219
40	77	LATIMER	OK	8.68E+07	.10	.864	3.21E+05	.21	.051	1.13E+07	.35	.084	8.28E+04	.17	.001	222
40	79	LE FLORE	OK	2.05E+08	.19	.819	4.41E+06	.17	.055	4.19E+07	.37	.126	1.37E+05	.43	.001	225
40	81	LINCOLN	OK	1.83E+08	.14	.757	3.01E+06	.15	.103	4.11E+07	.36	.128	3.67E+06	.31	.011	227
40	83	LOGAN	OK	1.35E+08	.15	.807	6.17E+06	.14	.067	2.66E+07	.41	.120	1.43E+06	.33	.007	219
40	85	LOVE	OK	9.82E+07	.13	.861	2.16E+06	.16	.055	1.28E+07	.37	.084				219
40	87	MC CLAIN	OK	1.70E+08	.18	.719	4.08E+06	.17	.125	4.37E+07	.55	.141	4.80E+06	.49	.016	243
40	89	MC CURTAIN	OK	1.87E+08	.23	.829	4.00E+06	.18	.057	3.41E+07	.44	.113				222
40	91	MC INTOSH	OK	1.13E+08	.15	.809	3.91E+06	.16	.063	2.33E+07	.35	.126	4.55E+05	.18	.002	230
40	93	MAJOR	OK	1.72E+08	.13	.805	1.20E+07	.15	.088	2.75E+07	.45	.097	2.89E+06	.23	.010	223
40	95	MARSHALL	OK	8.28E+07	.13	.874	1.56E+06	.17	.051	9.43E+06	.35	.075				209
40	97	MAYES	OK	1.64E+08	.24	.744	5.80E+06	.15	.100	4.12E+07	.35	.141	4.52E+06	.54	.016	244
40	99	MURRAY	OK	9.96E+07	.14	.774	1.49E+06	.21	.104	2.07E+07	.46	.121	5.72E+04	.03		218
40	101	MUSKOGEE	OK	1.80E+08	.18	.747	1.13E+07	.16	.070	5.76E+07	.38	.180	1.02E+06	.17	.003	229
40	103	NOBLE	OK	1.30E+08	.15	.788	1.08E+07	.16	.070	3.01E+07	.42	.139	6.53E+05	.23	.003	223
40	105	NOWATA	OK	1.23E+08	.14	.775	3.62E+06	.15	.076	3.07E+07	.31	.145	6.79E+05	.30	.003	217
40	107	OKFUSKEE	OK	1.25E+08	.13	.813	2.36E+06	.15	.066	2.42E+07	.35	.118	4.68E+05	.18	.002	218
40	109	OKLAHOMA	OK	7.95E+07	.14	.682	3.81E+06	.15	.096	3.16E+07	.55	.209	1.91E+06	.46	.013	222
40	111	OKMULGEE	OK	1.24E+08	.14	.785	3.08E+06	.13	.082	2.75E+07	.31	.130	4.30E+05	.16	.002	221
40	113	OSAGE	OK	4.84E+08	.11	.872	4.34E+06	.19	.064	4.27E+07	.40	.058	4.41E+06	.80	.006	221
40	115	OTTAWA	OK	1.27E+08	.26	.760	1.83E+07	.21	.083	3.35E+07	.37	.150	1.65E+06	.39	.007	216
40	117	PAWNEE	OK	1.41E+08	.15	.840	3.45E+06	.18	.071	1.92E+07	.41	.086	6.56E+05	.32	.003	216
40	119	PAYNE	OK	1.44E+08	.15	.761	4.01E+06	.17	.102	3.39E+07	.45	.135	5.72E+05	.28	.002	217
40	121	PITTSBURG	OK	2.44E+08	.13	.867	1.55E+06	.15	.056	2.83E+07	.35	.076	5.99E+05	.23	.001	218
40	123	PONTOTOC	OK	1.63E+08	.13	.782	6.71E+05	.16	.084	3.42E+07	.37	.123	3.05E+06	.53	.011	224
40	125	POTTAWATOMIE	OK	1.32E+08	.15	.738	4.14E+06	.20	.094	3.81E+07	.44	.160	1.98E+06	.22	.008	227

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	---- GRAIN ---- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	---- HAY ---- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	---- SILAGE ---- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
40	127	PUSHMATAHA	OK	1.35E+08	.12	.850	1.65E+05	.56	.057	1.94E+07	.3[illegible]	.092				223
40	129	ROGER MILLS	OK	1.91E+08	.09	.782	7.57E+06	.13	.105	3.40E+07	.57	.105	2.48E+06	.12	.007	230
40	131	ROGERS	OK	1.66E+08	.18	.807	2.64E+06	.14	.075	3.13E+07	.33	.114	9.71E+05	.29	.004	212
40	133	SEMINOLE	OK	1.12E+08	.14	.813	8.81E+05	.13	.067	2.04E+07	.36	.110	1.80E+06	.49	.010	219
40	135	SEQUOYAH	OK	1.14E+08	.19	.810	2.79E+06	.16	.052	2.58E+07	.32	.137	2.64E+05	1.14	.001	222
40	137	STEPHENS	OK	1.95E+08	.14	.833	5.01E+06	.15	.061	3.24E+07	.46	.104	4.27E+05	.08	.001	224
40	139	TEXAS	OK				1.83E+08	.32	.838	2.73E+07	.66	.060	4.68E+07	.70	.103	229
40	141	TILLMAN	OK	1.33E+08	.19	.848	1.79E+07	.17	.049	2.05E+07	.39	.100	5.[illegible]E+05	.18	.003	187
40	143	TULSA	OK	6.99E+07	.15	.707	2.58E+06	.14	.091	2.51E+07	.40	.190	1.49E+06	.45	.011	222
40	145	WAGONER	OK	1.03E+08	.21	.733	1.05E+07	.16	.090	3.22E+07	.38	.172	1.04E+06	.39	.005	217
40	147	WASHINGTON	OK	9.72E+07	.13	.786	1.91E+06	.15	.060	2.55E+07	.39	.154				220
40	149	WASHITA	OK	1.93E+08	.19	.802	2.13E+07	.17	.079	3.70E+07	.54	.116	9.05E+05	.08	.003	217
40	151	WOODS	OK	2.25E+08	.11	.874	1.30E+07	.15	.064	1.96E+07	.45	.057	1.51E+06	.08	.004	220
40	153	WOODWARD	OK	2.04E+08	.09	.813	8.26E+06	.13	.093	3.00E+07	.48	.090	1.56E+06	.08	.004	204
41	0		OR	3.13E+09	.06	.557	2.75E+08	.25	.124	2.01E+09	.51	.295	1.71E+08	1.33	.025	
41	1	BAKER	OR	1.94E+08	.07	.567	4.72E+06	.28	.061	1.63E+08	.55	.363	3.97E+06	1.29	.049	204
41	3	BENTON	OR	2.81E+07	.18	.479	2.72E+06	.28	.145	2.12E+07	.44	.335	2.55E+06	1.05	.040	184
41	5	CLACKAMAS	OR	8.37E+07	.31	.559	5.39E+06	.29	.129	5.05E+07	.45	.289	3.73E+06	1.01	.022	192
41	7	CLATSOP	OR	1.68E+07	.30	.599			.156	8.59E+06	.47	.239	1.85E+05	1.34	.005	212
41	9	COLUMBIA	OR	5.61E+07	.34	.710	5.20E+05	.23	.096	1.74E+07	.42	.175	1.90E+06	1.00	.019	249
41	11	COOS	OR	7.54E+07	.19	.627	1.52E+04	.08	.199	2.11E+07	.30	.155	2.55E+06	1.00	.019	252
41	13	CROOK	OR	1.04E+08	.03	.597	1.16E+06	.31	.059	7.94E+07	.55	.343				155
41	15	CURRY	OR	4.03E+07	.12	.738			.124	6.35E+06	.56	.137				109
41	17	DESCHUTES	OR	3.37E+07	.10	.513	7.93E+05	.40	.084	3.32E+07	.57	.401	1.29E+05	.90	.001	228
41	19	DOUGLAS	OR	1.64E+08	.11	.668	8.10E+05	.26	.073	5.88E+07	.38	.239				74
41	21	GILLIAM	OR	5.59E+07	.03	.738	1.40E+07	.18	.093	1.66E+07	.79	.168				151
41	23	GRANT	OR	1.17E+08	.03	.662	4.69E+05	.21	.055	6.56E+07	.40	.282	2.84E+05	1.21	.001	183
41	25	HARNEY	OR	2.64E+08	.05	.653	3.15E+06	.13	.050	1.58E+08	.32	.296				150
41	27	HOOD RIVER	OR	7.16E+06	.62	.522	3.13E+04	.32	.204	4.88E+06	.57	.274				118
41	29	JACKSON	OR	1.17E+08	.07	.687	9.82E+05	.18	.099	4.32E+07	.48	.193	4.58E+06	1.13	.020	202
41	31	JEFFERSON	OR	8.01E+06	.01	.070	3.60E+06	.26	.463	3.20E+07	.77	.406	4.70E+06	1.61	.060	180
41	33	JOSEPHINE	OR	2.94E+07	.41	.559	1.08E+05	.24	.208	1.24E+07	.48	.181	3.56E+06	1.34	.052	146
41	35	KLAMATH	OR	1.59E+08	.07	.491	3.95E+07	.25	.067	1.74E+08	.61	.442	4.33E+05	1.41	.001	194
41	37	LAKE	OR	1.85E+08	.06	.580	4.05E+06	.18	.050	1.56E+08	.41	.370				142
41	39	LANE	OR	8.23E+07	.15	.531	2.51E+06	.28	.136	4.90E+07	.38	.295	6.46E+06	1.28	.039	114
41	41	LINCOLN	OR	1.96E+07	.24	.756			.118	4.05E+06	.37	.125				145
41	43	LINN	OR	1.12E+08	.26	.577	5.90E+06	.29	.150	4.15E+07	.42	.234	6.92E+05	1.39	.039	181
41	45	MALHEUR	OR	3.35E+08	.07	.503	2.04E+07	.34	.150	2.38E+08	.62	.274	6.29E+07	1.45	.073	230
41	47	MARION	OR	8.47E+07	.38	.489	1.38E+07	.32	.217	4.86E+07	.54	.248	8.97E+06	1.14	.046	158
41	49	MORROW	OR	7.28E+07	.03	.523	1.61E+07	.18	.066	5.76E+07	.88	.349	1.00E+07	.91	.061	199
41	51	MULTNOMAH	OR	1.57E+07	.30	.551	7.22E+05	.24	.158	7.39E+06	.44	.231	1.94E+06	1.40	.061	182
41	53	POLK	OR	5.14E+07	.20	.485	1.32E+07	.27	.179	2.91E+07	.53	.305	2.95E+06	1.46	.031	263
41	55	SHERMAN	OR	3.05E+07	.04	.851	1.47E+07	.19	.094	2.60E+06	.33	.055				221
41	57	TILLAMOOK	OR	8.81E+07	.79	.612			.302	1.64E+07	.59	.085	1.09E+05	1.12	.001	205
41	59	UMATILLA	OR	1.31E+08	.05	.429	4.42E+07	.29	.224	1.09E+08	.90	.300	1.71E+07	1.67	.047	241
41	61	UNION	OR	8.31E+07	.07	.574	1.39E+07	.28	.056	6.88E+07	.52	.370				174
41	63	WALLOWA	OR	1.38E+08	.05	.645	7.80E+06	.22	.055	7.90E+07	.62	.301				187
41	65	WASCO	OR	8.42E+07	.02	.716	1.01E+07	.23	.055	3.52E+07	.64	.228				190
41	67	WASHINGTON	OR	2.98E+07	.25	.284	1.41E+07	.28	.233	4.60E+07	.55	.379	1.27E+07	1.25	.104	180
41	69	WHEELER	OR	4.38E+07	.02	.690	1.11E+06	.17	.068	1.88E+07	.44	.242				250
41	71	YAMHILL	OR	4.42E+07	.22	.410	1.34E+07	.30	.186	3.82E+07	.51	.328	8.83E+06	1.18	.076	137

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
42	0		PA	2.06E+09	.24	.254	1.80E+09	.42	.284	3.25E+09	.50	.312	1.55E+09	.93	.149	
42	1	ADAMS	PA	4.15E+07	.24	.321	4.34E+07	.39	.277	4.78E+07	.43	.284	1.99E+07	.69	.110	232
42	3	ALLEGHENY	PA	7.23E+06	.16	.328	4.07E+06	.42	.202	1.11E+07	.44	.409	1.66E+06	.73	.061	199
42	5	ARMSTRONG	PA	2.13E+07	.15	.241	2.09E+07	.35	.228	4.65E+07	.45	.408	1.41E+07	.92	.124	186
42	7	BEAVER	PA	1.44E+07	.23	.334	9.58E+06	.37	.234	2.27E+07	.50	.358	4.61E+06	.76	.073	185
42	9	BEDFORD	PA	5.03E+07	.20	.254	3.01E+07	.41	.264	8.48E+07	.52	.330	3.89E+07	.89	.151	186
42	11	BERKS	PA	4.68E+07	.38	.217	1.06E+08	.45	.322	1.23E+08	.55	.304	6.35E+07	.97	.157	187
42	13	BLAIR	PA	1.76E+07	.24	.157	1.68E+07	.42	.292	5.22E+07	.56	.363	2.70E+07	.95	.188	200
42	15	BRADFORD	PA	8.75E+07	.19	.224	2.45E+07	.32	.298	1.61E+08	.44	.316	8.26E+07	.81	.162	189
42	17	BUCKS	PA	2.41E+07	.39	.247	3.94E+07	.42	.282	3.88E+07	.49	.307	2.07E+07	.91	.163	174
42	19	BUTLER	PA	3.23E+07	.21	.292	2.92E+07	.34	.222	5.20E+07	.50	.377	1.50E+07	.88	.109	207
42	21	CAMBRIA	PA	1.04E+07	.15	.208	1.30E+07	.25	.225	2.63E+07	.44	.404	1.06E+07	.80	.163	185
42	23	CAMERON	PA	5.29E+05	.20	.310	8.39E+04	.41	.263	5.93E+05	.35	.266	3.79E+05	.83	.166	188
42	25	CARBON	PA				4.03E+06	.33	.239	3.88E+06	.39	.636	7.59E+05	.88	.124	188
42	27	CENTRE	PA	2.94E+07	.23	.214	3.67E+07	.39	.285	6.04E+07	.54	.345	2.73E+07	.95	.156	193
42	29	CHESTER	PA	6.29E+07	.25	.225	7.70E+07	.56	.298	1.10E+08	.57	.301	6.45E+07	1.13	.176	187
42	31	CLARION	PA	2.22E+07	.23	.293	1.21E+07	.30	.229	3.67E+07	.45	.373	1.01E+07	.75	.102	211
42	33	CLEARFIELD	PA	9.32E+06	.17	.199	6.56E+06	.29	.243	2.42E+07	.42	.428	6.20E+06	.72	.109	185
42	35	CLINTON	PA	8.87E+06	.27	.240	1.13E+07	.46	.273	1.73E+07	.54	.352	6.66E+06	.93	.135	169
42	37	COLUMBIA	PA	1.93E+07	.30	.285	3.66E+07	.40	.234	3.36E+07	.50	.379	8.78E+06	.82	.099	167
42	39	CRAWFORD	PA	7.12E+07	.24	.307	3.17E+07	.34	.272	9.49E+07	.49	.310	3.37E+07	.76	.110	184
42	41	CUMBERLAND	PA	5.79E+07	.47	.301	5.28E+07	.42	.288	6.80E+07	.53	.268	3.63E+07	.91	.143	185
42	43	DAUPHIN	PA	1.90E+07	.29	.216	4.08E+07	.43	.282	4.04E+07	.49	.354	1.69E+07	.90	.148	201
42	45	DELAWARE	PA	1.12E+06	.10	.122	1.73E+06	.46	.292	4.14E+06	.60	.351	2.78E+06	1.22	.235	195
42	47	ELK	PA	3.34E+06	.20	.232	1.19E+06	.22	.284	7.20E+06	.44	.373	2.14E+06	.57	.111	222
42	49	ERIE	PA	4.54E+07	.20	.262	2.17E+07	.33	.284	7.24E+07	.50	.316	3.15E+07	.81	.137	188
42	51	FAYETTE	PA	2.56E+07	.19	.319	1.16E+07	.36	.205	4.03E+07	.46	.389	9.02E+06	.96	.087	185
42	53	FOREST	PA	1.24E+06	.30	.278	3.04E+05	.27	.223	2.18E+06	.48	.373	7.36E+05	.94	.126	184
42	55	FRANKLIN	PA	9.67E+07	.43	.267	6.83E+07	.42	.302	1.31E+08	.55	.275	7.46E+07	.87	.156	185
42	57	FULTON	PA	2.10E+07	.21	.314	1.06E+07	.34	.257	2.65E+07	.47	.364	1.08E+07	.89	.124	178
42	59	GREENE	PA	5.54E+07	.13	.500	2.37E+06	.41	.133	3.69E+07	.38	.326	4.53E+06	.89	.040	198
42	61	HUNTINGDON	PA	3.04E+07	.21	.255	2.02E+07	.39	.258	5.19E+07	.53	.337	2.31E+07	.89	.150	184
42	63	INDIANA	PA	3.56E+07	.26	.283	2.70E+07	.34	.252	5.79E+07	.46	.360	1.68E+07	.76	.104	200
42	65	JEFFERSON	PA	1.93E+07	.19	.270	9.91E+06	.33	.244	3.50E+07	.42	.370	1.09E+07	.78	.115	188
42	67	JUNIATA	PA	2.08E+07	.22	.228	2.44E+07	.40	.291	4.17E+07	.55	.350	1.56E+07	.85	.131	187
42	69	LACKAWANNA	PA	8.83E+06	.14	.194	1.51E+06	.34	.273	2.39E+07	.44	.394	8.37E+06	.86	.138	201
42	71	LANCASTER	PA	2.11E+08	.79	.244	2.09E+08	.60	.349	1.91E+08	.69	.169	2.69E+08	1.22	.238	176
42	73	LAWRENCE	PA	3.24E+07	.31	.359	2.31E+07	.40	.252	3.15E+07	.52	.271	1.37E+07	.93	.118	205
42	75	LEBANON	PA	5.11E+07	.39	.267	4.98E+07	.49	.316	5.43E+07	.62	.216	5.02E+07	1.04	.200	185
42	77	LEHIGH	PA				5.50E+07	.47	.271	3.37E+07	.58	.628	5.44E+06	1.10	.101	202
42	79	LUZERNE	PA	9.43E+06	.22	.200	1.07E+07	.35	.289	2.17E+07	.47	.358	9.22E+06	.90	.152	183
42	81	LYCOMING	PA	3.10E+07	.25	.264	4.01E+07	.42	.271	5.39E+07	.46	.349	1.78E+07	.82	.115	180
42	83	MC KEAN	PA	4.42E+06	.08	.233	7.10E+05	.23	.251	1.40E+07	.40	.382	4.93E+06	.85	.134	185
42	85	MERCER	PA	5.14E+07	.25	.305	3.82E+07	.38	.253	7.20E+07	.55	.333	2.35E+07	.78	.109	187
42	87	MIFFLIN	PA	3.63E+07	.35	.266	2.08E+07	.43	.297	4.75E+07	.62	.267	3.02E+07	1.01	.170	185
42	89	MONROE	PA	2.41E+06	.14	.199	5.76E+06	.38	.246	6.61E+06	.43	.430	1.92E+06	.60	.124	201
42	91	MONTGOMERY	PA	1.81E+07	.39	.247	2.31E+07	.38	.314	2.73E+07	.51	.286	1.47E+07	.91	.154	183
42	93	MONTOUR	PA	8.10E+06	.30	.290	1.60E+07	.36	.250	1.27E+07	.42	.347	4.16E+06	.91	.114	210
42	95	NORTHAMPTON	PA	1.96E+06	.05	.019	5.79E+07	.49	.317	5.75E+07	.65	.498	1.91E+07	.98	.166	185
42	97	NORTHUMBERLA	PA	2.51E+07	.35	.315	4.43E+07	.40	.263	3.17E+07	.47	.310	1.16E+07	.89	.113	184
42	99	PERRY	PA	2.12E+07	.22	.207	3.00E+07	.42	.281	5.20E+07	.52	.391	1.42E+07	.90	.121	187

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
42	101	PHILADELPHIA	PA	6.70E+04	.08	.528			.472							201
42	103	PIKE	PA	1.16E+06	.14	.287	9.99E+05	.41	.199	1.84E+06	.35	.341	9.30E+05	.95	.172	220
42	105	POTTER	PA	1.57E+07	.13	.217	4.33E+06	.23	.272	3.43E+07	.43	.365	1.37E+07	.82	.145	186
42	107	SCHUYLKILL	PA	1.08E+07	.20	.197	3.12E+07	.38	.269	2.95E+07	.45	.414	8.56E+06	.92	.120	183
42	109	SNYDER	PA	2.08E+07	.29	.251	2.96E+07	.41	.274	4.01E+07	.49	.369	1.15E+07	.84	.106	185
42	111	SOMERSET	PA	5.73E+07	.20	.248	3.19E+07	.31	.287	9.37E+07	.47	.311	4.66E+07	.83	.154	189
42	113	SULLIVAN	PA	4.24E+06	.08	.136	1.33E+06	.30	.278	1.44E+07	.45	.358	9.18E+06	.87	.228	187
42	115	SUSQUEHANNA	PA	5.73E+07	.16	.240	4.01E+06	.28	.304	9.73E+07	.45	.316	4.29E+07	.91	.139	182
42	117	TIOGA	PA	5.14E+07	.15	.227	1.01E+07	.27	.286	9.82E+07	.41	.347	3.93E+07	.80	.139	174
42	119	UNION	PA	1.73E+07	.33	.236	2.91E+07	.43	.273	3.23E+07	.55	.336	1.50E+07	1.00	.155	183
42	121	VENANGO	PA	1.23E+07	.23	.306	4.98E+06	.29	.218	1.91E+07	.43	.383	4.65E+06	.76	.094	188
42	123	WARREN	PA	1.97E+07	.23	.258	2.62E+06	.26	.285	2.94E+07	.50	.297	1.40E+07	.80	.160	185
42	125	WASHINGTON	PA	7.15E+07	.18	.356	1.81E+07	.38	.205	9.08E+07	.46	.370	1.70E+07	.88	.069	179
42	127	WAYNE	PA	4.53E+07	.17	.257	1.95E+06	.50	.303	7.91E+07	.43	.343	2.24E+07	.84	.097	185
42	129	WESTMORELAND	PA	4.93E+07	.23	.307	9.53E+07	.36	.241	7.62E+07	.49	.367	1.76E+07	.83	.085	173
42	131	WYOMING	PA	1.73E+07	.16	.189	7.05E+06	.42	.300	3.80E+07	.52	.316	2.36E+07	.95	.196	187
42	133	YORK	PA	6.44E+07	.31	.281	1.21E+08	.45	.291	8.03E+07	.49	.273	4.56E+07	1.02	.155	179
44	0		RI	1.87E+07	.33	.311	1.88E+05	.28	.309	1.58E+07	.45	.207	1.32E+07	1.00	.173	
44	1	BRISTOL	RI	1.23E+06	.90	.255			.295	1.22E+06	.44	.190	1.67E+06	1.17	.260	203
44	3	KENT	RI	1.81E+06	.27	.282			.319	1.69E+06	.38	.312	5.15E+05	.79	.095	198
44	5	NEWPORT	RI	5.71E+06	.56	.356	9.51E+04	.36	.311	3.24E+06	.51	.153	3.83E+06	1.02	.180	195
44	7	PROVIDENCE	RI	4.10E+06	.28	.293	2.63E+04	.47	.320	5.55E+06	.44	.286	2.35E+06	.84	.121	200
44	9	WASHINGTON	RI	9.91E+06	.25	.325	6.38E+04	.19	.303	4.11E+06	.45	.172	4.83E+06	1.07	.202	194
45	0		SC	1.45E+07	.30	.715	7.66E+08	.85	.116	2.81E+08	.44	.104	1.76E+08	.84	.065	
45	1	ABBEVILLE	SC	5.98E+07	.20	.845	1.99E+06	.19	.674	6.41E+06	.36	.069	1.17E+06	.56	.013	193
45	3	AIKEN	SC	3.42E+07	.17	.650	1.56E+07	.20	.086	1.58E+07	.62	.227	1.99E+06	.69	.020	249
45	5	ALLENDALE	SC	1.61E+07	.30	.620	2.58E+07	.21	.097	6.34E+06	.62	.183	3.12E+06	.58	.090	235
45	7	ANDERSON	SC	1.99E+08	.28	.760	1.07E+07	.20	.187	1.59E+07	.40	.083	9.66E+06	.84	.050	267
45	9	BAMBERG	SC	1.85E+07	.26	.439	2.70E+07	.26	.252	5.48E+06	.50	.097	1.19E+07	.91	.211	231
45	11	BARNWELL	SC	1.45E+07	.19	.712	2.07E+07	.23	.090	4.80E+06	.62	.166	8.82E+05	.72	.032	267
45	13	BEAUFORT	SC	1.39E+07	.12	.684	5.97E+06	.26	.066	2.25E+06	.57	.083	4.44E+06	1.01	.164	264
45	15	BERKELEY	SC	1.36E+07	.18	.817	1.58E+07	.32	.081	1.61E+06	.52	.073	6.34E+05	.56	.028	286
45	17	CALHOUN	SC	1.45E+07	.12	.654	2.21E+07	.23	.141	3.33E+06	.58	.112	2.75E+06	.96	.093	286
45	19	CHARLESTON	SC	1.53E+07	.15	.840	7.50E+06	.29	.095	1.82E+06	.41	.075	2.24E+05	.78	.009	263
45	21	CHEROKEE	SC	3.50E+07	.23	.837	2.39E+06	.31	.061	4.58E+06	.34	.082	1.09E+06	.69	.019	292
45	23	CHESTER	SC	3.99E+07	.16	.758	3.29E+06	.31	.115	5.87E+06	.32	.084	3.03E+06	.61	.043	220
45	25	CHESTERFIELD	SC	2.61E+07	.18	.769	1.23E+07	.15	.658	7.41E+06	.47	.164	4.26E+05	.54	.010	243
45	27	CLARENDON	SC	9.65E+06	.16	.625	4.36E+07	.27	.254	1.56E+06	.41	.075	2.08E+06	.77	.100	243
45	29	COLLETON	SC	3.49E+07	.11	.789	2.93E+07	.30	.073	6.22E+06	.52	.106	1.86E+06	.64	.031	271
45	31	DARLINGTON	SC	2.69E+07	.34	.776	2.44E+07	.18	.101	4.66E+06	.42	.101	1.04E+06	.41	.022	283
45	33	DILLON	SC	1.14E+07	.21	.763	1.46E+07	.22	.093	2.52E+06	.45	.126	3.49E+05	.80	.017	259
45	35	DORCHESTER	SC	1.82E+07	.15	.640	1.56E+07	.29	.152	3.71E+06	.45	.072	5.17E+06	1.00	.136	252
45	37	EDGEFIELD	SC	3.12E+07	.26	.392	4.54E+06	.16	.129	7.08E+06	.49	.118	3.63E+06	.81	.041	285
45	39	FAIRFIELD	SC	2.14E+07	.10	.730	2.65E+05	.16	.070	5.15E+06	.40	.142				254
45	41	FLORENCE	SC	1.57E+07	.10	.715	5.14E+07	.28	.141	2.18E+06	.47	.074	2.04E+06	.76	.070	246
45	43	GEORGETOWN	SC	5.24E+06	.07	.710	7.95E+06	.37	.066	1.59E+06	.44	.161	6.17E+05	.67	.063	270

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
45	45	GREENVILLE	SC	4.94E+07	.27	.449	4.72E+06	.25	.126	7.97E+06	.36	.079	1.49E+07	.94	.147	275
45	47	GREENWOOD	SC	4.69E+07	.23	.833	1.41E+06	.19	.066	6.59E+06	.32	.088	9.92E+05	.59	.013	232
45	49	HAMPTON	SC	1.55E+07	.15	.554	3.62E+07	.27	.094	1.16E+07	.98	.310	1.60E+06	.60	.043	258
45	51	HORRY	SC	1.83E+07	.12	.842	4.35E+07	.32	.095	1.44E+06	.33	.049	3.68E+05	.56	.013	282
45	53	JASPER	SC	1.58E+07	.14	.827	2.06E+06	.16	.082	2.16E+06	.43	.085	1.21E+05	.67	.004	270
45	55	KERSHAW	SC	2.37E+07	.15	.777	5.83E+06	.19	.055	6.44E+06	.55	.166	6.79E+04	.10	.001	285
45	57	LANCASTER	SC	3.45E+07	.16	.834	2.61E+06	.18	.065	4.61E+06	.39	.083	9.51E+05	.84	.017	245
45	59	LAURENS	SC	8.40E+07	.22	.765	4.80E+06	.19	.091	1.23E+07	.38	.084	8.83E+06	.87	.060	243
45	61	LEE	SC	1.21E+07	.30	.786	1.66E+07	.17	.092	1.78E+06	.48	.087	7.31E+05	.70	.036	232
45	63	LEXINGTON	SC	3.23E+07	.26	.678	1.17E+07	.17	.093	1.21E+07	.49	.190	2.42E+06	.79	.038	240
45	65	MC CORMICK	SC	9.56E+06	.15	.781	2.86E+05	.32	.073	2.30E+06	.35	.141	8.81E+04	.33	.005	252
45	67	MARION	SC	7.67E+06	.12	.751	2.15E+07	.29	.083	2.23E+06	.53	.166	1.13E+04	.13	.001	252
45	69	MARLBORO	SC	1.46E+07	.16	.727	1.46E+07	.18	.099	3.57E+06	.48	.133	1.10E+06	1.07	.041	270
45	71	NEWBERRY	SC	5.78E+07	.28	.597	1.01E+07	.23	.180	1.25E+07	.43	.097	1.63E+07	.80	.126	243
45	73	OCONEE	SC	4.96E+07	.29	.820	2.28E+06	.27	.087	4.68E+06	.32	.058	2.85E+06	.90	.035	250
45	75	ORANGEBURG	SC	5.58E+07	.25	.445	9.00E+07	.29	.256	2.00E+07	.60	.120	2.98E+07	.95	.179	219
45	77	PICKENS	SC	3.37E+07	.25	.839	1.49E+06	.28	.076	3.90E+06	.33	.073	6.21E+05	.64	.012	247
45	79	RICHLAND	SC	1.59E+07	.21	.635	1.05E+07	.20	.156	3.49E+06	.45	.105	3.48E+06	.68	.104	220
45	81	SALUDA	SC	7.61E+07	.31	.715	7.17E+06	.19	.124	1.27E+07	.41	.090	1.01E+07	.90	.071	252
45	83	SPARTANBURG	SC	7.95E+07	.30	.788	7.82E+06	.21	.089	1.11E+07	.34	.082	5.43E+06	.71	.040	252
45	85	SUMTER	SC	2.84E+07	.21	.589	3.16E+07	.24	.188	6.85E+06	.63	.106	7.48E+06	.88	.116	231
45	87	UNION	SC	3.39E+07	.14	.850	7.44E+05	.19	.063	4.38E+06	.31	.086				261
45	89	WILLIAMSBURG	SC	2.01E+07	.11	.779	5.79E+07	.33	.109	1.60E+06	.26	.046	2.25E+04	1.16	.065	243
45	91	YORK	SC	5.44E+07	.17	.734	4.12E+06	.19	.097	9.72E+06	.36	.098	7.03E+06	.75	.071	274
46	0		SD	8.13E+09	.07	.527	2.99E+09	.17	.128	4.79E+09	.27	.250	1.83E+09	.32	.095	
46	3	AURORA	SD	1.21E+08	.15	.498	4.73E+07	.16	.100	8.58E+07	.30	.289	3.38E+07	.30	.114	241
46	5	BEADLE	SD	2.22E+08	.15	.508	6.02E+07	.14	.109	1.37E+08	.29	.250	7.30E+07	.27	.133	149
46	7	BENNETT	SD	1.01E+08	.05	.691	6.28E+06	.14	.061	4.41E+07	.21	.227	4.05E+06	.29	.021	149
46	9	BON HOMME	SD	9.81E+07	.24	.469	8.33E+07	.18	.187	5.73E+07	.39	.213	3.52E+07	.39	.131	150
46	11	BROOKINGS	SD	1.44E+08	.29	.441	1.04E+08	.18	.162	9.06E+07	.38	.223	7.03E+07	.46	.174	156
46	13	BROWN	SD	1.52E+08	.11	.346	9.44E+07	.14	.177	1.89E+08	.30	.352	6.68E+07	.31	.124	154
46	15	BRULE	SD	1.31E+08	.12	.483	3.02E+07	.14	.098	1.10E+08	.29	.318	3.50E+07	.27	.101	142
46	17	BUFFALO	SD	5.21E+07	.05	.504	4.53E+06	.16	.063	4.14E+07	.24	.319	1.48E+07	.30	.114	149
46	19	BUTTE	SD	2.01E+08	.04	.584	1.75E+07	.33	.083	7.90E+07	.38	.283	1.42E+07	.66	.051	149
46	21	CAMPBELL	SD	8.24E+07	.10	.522	8.85E+06	.08	.105	5.61E+07	.20	.276	1.98E+07	.21	.097	144
46	23	CHARLES MIX	SD	1.96E+08	.17	.505	9.98E+07	.16	.144	1.21E+08	.33	.239	5.63E+07	.36	.112	138
46	25	CLARK	SD	1.25E+08	.17	.498	3.60E+07	.13	.109	8.59E+07	.28	.276	3.64E+07	.25	.117	149
46	27	CLAY	SD	1.18E+07	.08	.093	9.77E+07	.25	.359	5.45E+07	.69	.397	2.06E+07	.49	.151	148
46	29	CODINGTON	SD	8.03E+07	.19	.426	3.16E+07	.12	.162	5.74E+07	.30	.258	3.44E+07	.31	.154	158
46	31	CORSON	SD	1.73E+08	.04	.689	1.04E+07	.08	.062	7.23E+07	.21	.227	7.10E+06	.19	.022	147
46	33	CUSTER	SD	8.01E+07	.05	.804	9.86E+05	.20	.068	1.66E+07	.23	.127	1.79E+05	.47	.001	143
46	35	DAVISON	SD	8.16E+07	.22	.485	4.88E+07	.16	.144	4.31E+07	.32	.207	3.43E+07	.32	.165	147
46	37	DAY	SD	9.97E+07	.14	.490	3.13E+07	.09	.145	8.52E+07	.26	.301	2.93E+07	.25	.103	151
46	39	DEUEL	SD	1.05E+08	.21	.441	6.46E+07	.20	.156	7.25E+07	.35	.241	4.91E+07	.47	.163	146
46	41	DEWEY	SD	1.25E+08	.02	.673	7.37E+06	.09	.068	5.62E+07	.18	.241	4.17E+06	.26	.018	149
46	43	DOUGLAS	SD	8.50E+07	.24	.474	5.37E+07	.17	.147	5.32E+07	.36	.230	3.43E+07	.38	.148	144
46	45	EDMUNDS	SD	1.14E+08	.10	.490	3.02E+07	.09	.104	1.39E+08	.26	.382	3.80E+07	.26	.104	151
46	47	FALL RIVER	SD	1.95E+08	.05	.845	7.83E+06	.31	.049	2.69E+07	.25	.094	3.44E+06	.52	.012	142
46	49	FAULK	SD	1.29E+08	.11	.501	2.77E+07	.11	.065	1.10E+08	.25	.360	2.30E+07	.21	.075	145
46	51	GRANT	SD	9.06E+07	.15	.385	6.06E+07	.17	.208	8.74E+07	.33	.286	3.70E+07	.40	.121	147
46	53	GREGORY	SD	1.61E+08	.11	.536	4.42E+07	.15	.107	1.23E+08	.30	.313	1.76E+07	.27	.045	146

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
46	55	HAAKON	SD	2.04E+08	.06	.788	9.51E+06	.14	.057	4.51E+07	.18	.133	7.56E+06	.19	.022	149
46	57	HAMLIN	SD	7.92E+07	.27	.493	4.45E+07	.14	.147	4.03E+07	.31	.197	3.31E+07	.30	.162	149
46	59	HAND	SD	2.27E+08	.12	.514	2.13E+07	.11	.081	1.62E+08	.25	.296	5.90E+07	.22	.108	148
46	61	HANSON	SD	7.06E+07	.24	.506	5.65E+07	.16	.150	2.98E+07	.32	.172	3.00E+07	.29	.172	149
46	63	HARDING	SD	2.16E+08	.04	.791	8.87E+06	.12	.052	4.45E+07	.18	.151	1.87E+06	.20	.006	154
46	65	HUGHES	SD	6.94E+07	.09	.632	1.29E+07	.15	.060	2.94E+07	.18	.209	1.40E+07	.20	.100	146
46	67	HUTCHINSON	SD	1.62E+08	.25	.464	1.39E+08	.19	.168	8.50E+07	.38	.188	8.23E+07	.38	.181	148
46	69	HYDE	SD	1.50E+08	.10	.612	7.38E+06	.11	.053	8.19E+07	.20	.262	2.30E+07	.20	.073	155
46	71	JACKSON	SD	7.10E+07	.04	.769	3.35E+06	.16	.065	1.93E+07	.18	.157	1.11E+06	.17	.009	149
46	73	JERAULD	SD	9.11E+07	.13	.477	2.25E+07	.16	.116	7.26E+07	.29	.314	2.14E+07	.31	.092	148
46	75	JONES	SD	8.63E+07	.06	.723	5.47E+06	.14	.056	3.16E+07	.17	.204	2.64E+06	.16	.017	149
46	77	KINGSBURY	SD	1.41E+08	.22	.478	7.90E+07	.19	.134	7.74E+07	.32	.220	5.85E+07	.37	.167	148
46	79	LAKE	SD	1.05E+08	.35	.497	1.15E+08	.23	.173	5.15E+07	.49	.190	3.76E+07	.50	.139	152
46	81	LAURENCE	SD	4.44E+07	.07	.551	1.13E+06	.16	.090	3.29E+07	.33	.319	4.18E+06	.81	.040	154
46	83	LINCOLN	SD	9.49E+07	.49	.427	1.48E+08	.24	.246	4.55E+07	.52	.166	4.37E+07	.60	.160	142
46	85	LYMAN	SD	1.65E+08	.07	.645	2.55E+07	.16	.067	8.34E+07	.21	.248	1.35E+07	.16	.040	155
46	87	MC COOK	SD	1.19E+08	.29	.529	9.67E+07	.18	.131	4.75E+07	.35	.165	5.04E+07	.39	.175	148
46	89	MC PHERSON	SD	1.23E+08	.09	.438	2.48E+07	.10	.100	1.44E+08	.26	.394	2.49E+07	.27	.068	154
46	91	MARSHALL	SD	8.43E+07	.11	.398	3.62E+07	.14	.164	7.75E+07	.25	.321	2.81E+07	.33	.117	141
46	93	MEADE	SD	3.34E+08	.05	.739	9.24E+06	.12	.070	9.97E+07	.18	.182	4.77E+06	.17	.009	145
46	95	MELLETTE	SD	1.46E+08	.06	.803	5.89E+06	.12	.060	2.94E+07	.19	.126	2.52E+06	.12	.010	147
46	97	MINER	SD	1.02E+08	.20	.526	4.98E+07	.16	.095	6.62E+07	.32	.274	2.55E+07	.35	.106	148
46	99	MINNEHAHA	SD	1.38E+08	.35	.389	1.67E+08	.22	.242	1.01E+08	.54	.226	6.35E+07	.51	.142	153
46	101	MOODY	SD	9.64E+07	.35	.427	1.11E+08	.25	.210	6.45E+07	.53	.236	3.45E+07	.60	.126	153
46	103	PENNINGTON	SD	1.77E+08	.04	.773	7.97E+06	.14	.070	4.45E+07	.20	.148	2.46E+06	.17	.008	154
46	105	PERKINS	SD	2.49E+08	.04	.673	1.79E+07	.12	.055	1.01E+08	.20	.237	1.47E+07	.31	.034	149
46	107	POTTER	SD	7.27E+07	.07	.381	2.50E+07	.11	.176	6.64E+07	.23	.298	3.20E+07	.29	.144	145
46	109	ROBERTS	SD	1.09E+08	.15	.403	7.14E+07	.15	.157	1.05E+08	.27	.305	4.66E+07	.35	.136	144
46	111	SANBORN	SD	9.85E+07	.14	.442	3.80E+07	.17	.138	8.01E+07	.31	.301	3.17E+07	.38	.119	143
46	113	SHANNON	SD	8.89E+07	.02	.838	2.80E+06	.15	.049	1.48E+07	.22	.106	9.28E+05	.27	.007	152
46	115	SPINK	SD	1.69E+08	.14	.460	6.47E+07	.13	.114	1.33E+08	.29	.301	5.57E+07	.27	.126	151
46	117	STANLEY	SD	1.05E+08	.03	.700	7.20E+06	.18	.049	4.53E+07	.20	.228	4.58E+06	.22	.023	148
46	119	SULLY	SD	1.06E+08	.09	.598	1.31E+07	.10	.060	4.09E+07	.19	.181	3.84E+07	.24	.170	148
46	121	TODD	SD	1.47E+08	.04	.627	5.17E+06	.13	.077	8.82E+07	.21	.283	4.08E+06	.20	.013	145
46	123	TRIPP	SD	2.16E+08	.09	.577	4.31E+07	.13	.090	1.43E+08	.24	.294	1.92E+07	.17	.039	148
46	125	TURNER	SD	9.02E+07	.27	.331	1.31E+08	.21	.270	7.40E+07	.51	.224	5.77E+07	.49	.175	148
46	127	UNION	SD	5.93E+07	.39	.458	1.26E+08	.26	.263	2.82E+07	.57	.169	1.84E+07	.53	.110	155
46	129	WALWORTH	SD	6.75E+07	.09	.485	1.22E+07	.09	.114	5.32E+07	.21	.293	1.95E+07	.22	.108	159
46	131	WASHABAUGH	SD	7.63E+07	.03	.810	2.42E+06	.12	.055	1.67E+07	.19	.134				144
46	135	YANKTON	SD	5.87E+07	.18	.319	9.88E+07	.24	.220	7.36E+07	.58	.317	3.35E+07	.51	.144	150
46	137	ZIEBACH	SD	1.18E+08	.02	.782	3.83E+06	.10	.053	2.99E+07	.20	.158	1.20E+06	.15	.006	157
47	0		TN	6.88E+09	.28	.720	7.78E+08	.23	.113	1.60E+09	.38	.124	5.27E+08	.87	.041	
47	1	ANDERSON	TN	2.94E+07	.31	.711	2.52E+05	.30	.104	8.40E+06	.35	.153	1.77E+06	.88	.032	145
47	3	BEDFORD	TN	1.55E+08	.26	.704	8.28E+06	.25	.110	4.04E+07	.38	.139	1.40E+07	.86	.048	210
47	5	BENTON	TN	3.37E+07	.25	.795	5.65E+04	.24	.060	8.00E+06	.36	.142	2.05E+05	.59	.004	228
47	7	BLEDSOE	TN	5.49E+07	.29	.709	5.20E+06	.32	.092	1.57E+07	.38	.152	4.84E+06	.88	.047	230
47	9	BLOUNT	TN	9.49E+07	.37	.692	3.87E+06	.27	.111	2.64E+07	.39	.144	9.61E+06	.90	.052	225
47	11	BRADLEY	TN	6.39E+07	.29	.650	1.78E+06	.34	.153	1.85E+07	.39	.141	7.39E+06	1.02	.056	218
47	13	CAMPBELL	TN	2.11E+07	.25	.698	5.67E+05	.33	.120	5.89E+06	.35	.146	1.44E+06	.58	.036	229
47	15	CANNON	TN	5.61E+07	.24	.743	6.87E+06	.30	.107	1.21E+07	.37	.121	2.94E+06	.90	.029	217
47	17	CARROLL	TN	7.54E+07	.24	.768	1.99E+07	.23	.083	1.58E+07	.37	.121	2.99E+06	.80	.022	225

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
47	19	CARTER	TN	3.18E+07	.26	.733	5.75E+05	.47	.094	7.48E+06	.35	.130	2.44E+06	.80	.042	231
47	21	CHEATHAM	TN	4.16E+07	.29	.815	2.66E+06	.28	.058	8.30E+06	.36	.122	3.39E+05	.59	.005	220
47	23	CHESTER	TN	2.81E+07	.26	.784	8.39E+06	.17	.095	5.12E+06	.36	.107	6.13E+05	.43	.013	224
47	25	CLAIBORNE	TN	7.96E+07	.26	.735	3.28E+06	.37	.102	1.88E+07	.35	.130	4.82E+06	.83	.034	232
47	27	CLAY	TN	4.10E+07	.23	.776	3.78E+06	.37	.091	7.97E+06	.33	.113	1.38E+06	.87	.019	209
47	29	COCKE	TN	5.18E+07	.24	.613	3.40E+06	.39	.181	1.36E+07	.38	.121	9.65E+06	1.17	.085	224
47	31	COFFEE	TN	8.56E+07	.30	.684	2.92E+07	.32	.146	1.94E+07	.41	.117	8.87E+06	1.01	.053	214
47	33	CROCKETT	TN	4.19E+07	.37	.804	1.05E+07	.17	.068	7.56E+06	.43	.109	1.27E+06	.82	.018	225
47	35	CUMBERLAND	TN	5.31E+07	.29	.696	3.61E+06	.41	.107	1.52E+07	.39	.151	4.65E+06	.83	.046	233
47	37	DAVIDSON	TN	6.14E+07	.30	.763	1.08E+06	.21	.096	1.26E+07	.34	.118	2.45E+06	.85	.023	224
47	39	DECATUR	TN	3.55E+07	.20	.773	5.15E+06	.23	.064	9.53E+06	.36	.155	4.74E+05	.38	.007	224
47	41	DE KALB	TN	6.60E+07	.26	.761	5.20E+06	.29	.108	1.30E+07	.39	.113	2.10E+06	.76	.018	231
47	43	DICKSON	TN	8.53E+07	.24	.795	2.32E+06	.26	.074	1.74E+07	.34	.121	1.39E+06	.90	.010	225
47	45	DYER	TN	7.57E+07	.41	.786	3.11E+07	.15	.082	1.19E+07	.36	.093	5.07E+06	.68	.040	224
47	47	FAYETTE	TN	1.14E+08	.22	.762	1.78E+07	.15	.091	1.92E+07	.44	.096	1.03E+07	.68	.052	233
47	49	FENTRESS	TN	3.68E+07	.25	.687	3.00E+06	.39	.101	1.15E+07	.40	.161	3.60E+06	.97	.050	237
47	51	FRANKLIN	TN	1.06E+08	.45	.707	1.68E+07	.26	.121	2.63E+07	.39	.132	7.86E+06	1.09	.040	224
47	53	GIBSON	TN	1.03E+08	.33	.756	4.05E+07	.22	.078	3.09E+07	.33	.115	9.38E+06	.78	.052	230
47	55	GILES	TN	2.05E+08	.25	.754	5.33E+06	.21	.109	3.77E+07	.37	.104	1.19E+07	.90	.033	272
47	57	GRAINGER	TN	6.60E+07	.26	.761	1.44E+06	.36	.098	1.49E+07	.35	.129	1.42E+06	.73	.012	230
47	59	GREENE	TN	1.92E+08	.31	.601	1.12E+07	.39	.186	4.13E+07	.39	.144	2.92E+07	.98	.069	217
47	61	GRUNDY	TN	2.10E+07	.34	.692	3.72E+06	.38	.109	6.56E+06	.41	.162	1.51E+06	.66	.037	214
47	63	HAMBLEN	TN	6.12E+07	.39	.697	2.54E+06	.33	.112	1.36E+07	.39	.116	8.66E+06	1.05	.074	226
47	65	HAMILTON	TN	4.50E+07	.32	.725	8.64E+05	.26	.110	1.10E+07	.37	.133	2.62E+06	.79	.031	216
47	67	HANCOCK	TN	3.46E+07	.18	.755	1.43E+06	.45	.102	8.21E+06	.38	.134	5.70E+05	1.02	.009	228
47	69	HARDEMAN	TN	7.19E+07	.19	.813	1.12E+07	.16	.061	8.52E+06	.36	.072	6.37E+06	.63	.054	216
47	71	HARDIN	TN	4.31E+07	.21	.790	8.51E+06	.17	.069	9.19E+06	.35	.127	1.01E+06	.58	.014	233
47	73	HAWKINS	TN	9.43E+07	.24	.676	3.87E+06	.36	.119	3.15E+07	.36	.169	6.52E+06	.95	.035	231
47	75	HAYWOOD	TN	5.96E+07	.29	.834	1.83E+07	.16	.068	5.50E+06	.34	.058	3.77E+06	.70	.040	215
47	77	HENDERSON	TN	6.79E+07	.24	.773	1.56E+07	.23	.070	1.51E+07	.38	.128	3.38E+06	.78	.028	233
47	79	HENRY	TN	8.86E+07	.22	.714	3.03E+07	.30	.103	2.10E+07	.42	.127	9.29E+06	.92	.056	231
47	81	HICKMAN	TN	6.97E+07	.23	.773	5.63E+06	.33	.061	1.73E+07	.39	.144	2.64E+06	.74	.022	226
47	83	HOUSTON	TN	2.34E+07	.23	.784	1.27E+05	.26	.057	6.34E+06	.36	.160				227
47	85	HUMPHREYS	TN	5.67E+07	.24	.777	4.25E+06	.27	.064	1.37E+07	.35	.140	1.85E+06	1.03	.019	225
47	87	JACKSON	TN	4.88E+07	.20	.823	2.93E+06	.32	.090	6.86E+06	.32	.087	2.79E+04	.53		225
47	89	JEFFERSON	TN	9.99E+07	.35	.683	4.08E+06	.36	.130	2.80E+07	.41	.144	8.52E+06	.97	.043	224
47	91	JOHNSON	TN	2.99E+07	.22	.600	1.97E+06	.52	.149	1.11E+07	.41	.167	5.52E+06	1.11	.083	216
47	93	KNOX	TN	7.61E+07	.31	.681	1.21E+06	.29	.104	2.72E+07	.39	.183	4.81E+06	.69	.032	222
47	95	LAKE	TN	4.00E+05	.06	.261	1.32E+07	.14	.060	1.39E+06	.60	.679				218
47	97	LAUDERDALE	TN	6.26E+07	.34	.834	2.13E+07	.16	.070	7.25E+06	.38	.073	2.36E+06	.49	.023	233
47	99	LAURENCE	TN	1.16E+08	.28	.728	1.19E+07	.18	.120	1.98E+07	.35	.093	1.26E+07	.74	.059	237
47	101	LEWIS	TN	1.84E+07	.28	.765	1.60E+06	.26	.069	5.14E+06	.47	.165	4.57E+04	.14	.001	230
47	103	LINCOLN	TN	2.04E+08	.28	.736	1.18E+07	.22	.119	4.23E+07	.40	.114	1.12E+07	.78	.031	227
47	105	LOUDON	TN	7.77E+07	.35	.657	1.89E+06	.31	.139	2.07E+07	.40	.131	1.14E+07	.89	.072	230
47	107	MC MINN	TN	9.60E+07	.30	.533	2.57E+06	.34	.209	3.86E+07	.45	.160	2.34E+07	.99	.097	219
47	109	MC NAIRY	TN	3.93E+07	.19	.812	1.17E+07	.17	.063	7.38E+06	.36	.114	7.09E+05	.60	.011	220
47	111	MACON	TN	7.82E+07	.25	.735	6.28E+06	.34	.105	2.00E+07	.37	.142	2.46E+06	.57	.017	232
47	113	MADISON	TN	6.00E+07	.21	.753	1.23E+07	.16	.075	1.01E+07	.35	.095	8.05E+06	.69	.076	224
47	115	MARION	TN	2.97E+07	.29	.752	3.68E+06	.26	.099	6.83E+06	.36	.130	1.01E+06	.58	.019	232
47	117	MARSHALL	TN	1.16E+08	.24	.661	3.73E+06	.25	.152	2.19E+07	.38	.128	1.38E+07	.88	.059	227
47	119	MAURY	TN	2.19E+08	.29	.738	6.89E+06	.23	.112	3.93E+07	.34	.100	1.99E+07	.86	.050	229
47	121	MEIGS	TN	3.41E+07	.25	.647	1.50E+06	.29	.125	9.24E+06	.36	.131	6.83E+06	.97	.097	228
47	123	MONROE	TN	6.95E+07	.29	.575	4.18E+06	.28	.172	2.68E+07	.43	.166	1.41E+07	.98	.087	225
47	125	MONTGOMERY	TN	1.30E+08	.30	.767	1.53E+07	.32	.081	2.97E+07	.38	.132	4.53E+06	.82	.020	218
47	127	MOORE	TN	5.28E+07	.33	.806	6.11E+05	.23	.109	7.19E+06	.37	.082	1.84E+05	.67	.002	224
47	129	MORGAN	TN	1.72E+07	.20	.673	2.13E+06	.41	.115	6.60E+06	.35	.193	6.07E+05	.80	.018	229

IS	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE			GRAIN			HAY			SILAGE			FROST-FREE DAYS
				PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	
47	131	OBION	TN	9.70E+07	.34	.718	6.40E+07	.27	.137	1.65E+07	.37	.091	9.59E+06	.85	.053	223
47	133	OVERTON	TN	9.47E+07	.33	.778	4.45E+06	.41	.090	1.53E+07	.35	.094	6.21E+06	.89	.038	232
47	135	PERRY	TN	2.53E+07	.24	.806	4.32E+06	.25	.055	4.78E+06	.32	.114	1.06E+06	.86	.025	224
47	137	PICKETT	TN	2.64E+07	.32	.779	9.89E+05	.33	.064	6.38E+06	.36	.141	7.36E+05	.85	.016	230
47	139	POLK	TN	2.09E+07	.31	.603	2.01E+06	.33	.168	4.19E+06	.41	.091	6.39E+06	1.02	.138	215
47	141	PUTNAM	TN	7.78E+07	.25	.737	4.10E+06	.33	.095	1.84E+07	.40	.130	5.26E+06	.88	.037	229
47	143	RHEA	TN	3.38E+07	.29	.739	1.62E+06	.26	.099	7.82E+06	.33	.128	2.07E+06	.66	.034	225
47	145	ROANE	TN	3.99E+07	.30	.695	4.50E+05	.25	.117	1.11E+07	.34	.148	2.92E+06	.68	.039	225
47	147	ROBERTSON	TN	1.42E+08	.35	.726	2.85E+07	.31	.104	4.48E+07	.40	.151	5.09E+06	.92	.019	219
47	149	RUTHERFORD	TN	1.76E+08	.25	.692	9.58E+06	.31	.134	4.04E+07	.37	.119	1.86E+07	.83	.055	222
47	151	SCOTT	TN	1.46E+07	.33	.619	7.87E+05	.34	.126	5.30E+06	.34	.169	2.68E+06	.82	.085	225
47	153	SEQUATCHIE	TN	1.77E+07	.27	.714	2.57E+06	.29	.106	4.23E+06	.35	.127	1.72E+06	.88	.052	217
47	155	SEVIER	TN	7.53E+07	.28	.751	3.84E+04	.36	.085	2.03E+07	.39	.151	1.75E+06	.85	.013	226
47	157	SHELBY	TN	6.08E+07	.22	.768	1.38E+07	.13	.092	1.06E+07	.38	.100	4.25E+06	.66	.040	217
47	159	SMITH	TN	1.69E+08	.22	.793	2.04E+06	.29	.086	2.06E+07	.38	.113	1.40E+06	.63	.007	237
47	161	STEWART	TN	2.14E+07	.17	.845	2.11E+06	.26	.062	3.15E+06	.32	.093	8.77E+03	.07		224
47	163	SULLIVAN	TN	7.63E+07	.32	.674	3.86E+06	.47	.119	2.29E+07	.38	.153	8.17E+06	.97	.055	225
47	165	SUMNER	TN	1.73E+08	.32	.777	9.18E+06	.27	.100	3.23E+07	.30	.109	4.17E+06	.75	.014	215
47	167	TIPTON	TN	6.16E+07	.38	.810	1.64E+07	.16	.076	8.14E+06	.46	.080	3.35E+06	.68	.033	224
47	169	TROUSDALE	TN	5.45E+07	.29	.779	1.38E+06	.25	.108	9.82E+06	.37	.106	7.06E+05	.66	.007	237
47	171	UNICOI	TN	5.02E+06	.16	.690	2.40E+05	.39	.093	1.93E+06	.35	.199	1.72E+05	.70	.018	224
47	173	UNION	TN	2.90E+07	.22	.720	2.03E+05	.29	.105	8.40E+06	.35	.157	9.90E+05	.68	.019	213
47	175	VAN BUREN	TN	2.30E+07	.30	.740	7.01E+05	.45	.082	7.19E+06	.42	.173	2.34E+05	.74	.006	216
47	177	WARREN	TN	1.17E+08	.33	.709	1.58E+07	.32	.109	3.24E+07	.41	.148	7.62E+06	.95	.034	225
47	179	WASHINGTON	TN	1.27E+08	.43	.616	6.48E+06	.42	.164	3.70E+07	.42	.134	2.35E+07	1.05	.085	225
47	181	WAYNE	TN	5.61E+07	.24	.814	4.70E+06	.26	.063	1.04E+07	.35	.114	7.61E+05	1.00	.008	214
47	183	WEAKLEY	TN	7.58E+07	.29	.625	7.98E+07	.27	.156	1.80E+07	.38	.112	1.75E+07	.84	.100	233
47	185	WHITE	TN	1.03E+08	.35	.702	4.94E+06	.30	.122	2.14E+07	.39	.109	1.30E+07	1.05	.067	232
47	187	WILLIAMSON	TN	1.78E+08	.29	.732	4.56E+06	.23	.116	4.01E+07	.37	.124	9.09E+06	.91	.028	225
47	189	WILSON	TN	1.64E+08	.23	.767	1.44E+06	.21	.090	3.71E+07	.33	.131	3.60E+06	.71	.013	226
48	0		TX	3.17E+10	.07	.744	6.12E+09	.30	.170	4.01E+09	.42	.075	5.84E+08	.30	.011	
48	1	ANDERSON	TX	2.00E+08	.18	.811	2.54E+06	.27	.062	4.11E+07	.54	.125	5.17E+05	.18	.001	224
48	3	ANDREWS	TX	5.11E+07	.02	.942	5.14E+05	.04	.050	5.82E+05	.58	.008				258
48	5	ANGELINA	TX	6.84E+07	.18	.845			.052	1.11E+07	.45	.103				218
48	7	ARANSAS	TX	1.05E+07	.12	.921	1.49E+06	.33	.047	4.51E+05	.48	.030	2.45E+04	.16	.001	252
48	9	ARCHER	TX	1.66E+08	.09	.851	3.07E+06	.11	.128	4.58E+06	.27	.018	8.41E+05	.16	.003	300
48	11	ARMSTRONG	TX	9.67E+07	.06	.814	1.17E+07	.15	.145	5.80E+06	.53	.037	7.40E+05	.05	.004	229
48	13	ATASCOSA	TX	2.75E+08	.13	.826	9.00E+06	.18	.087	3.31E+07	.38	.075	5.42E+06	.23	.012	205
48	15	AUSTIN	TX	2.29E+08	.22	.804	1.21E+07	.30	.074	4.58E+07	.45	.121	6.27E+05	.21	.001	296
48	17	BAILEY	TX				6.53E+07	.39	.643	4.48E+07	.82	.312	6.50E+06	.85	.045	296
48	19	BANDERA	TX	6.43E+07	.04	.871	7.29E+05	.17	.059	5.32E+06	.29	.063	5.88E+05	.13	.007	203
48	21	BASTROP	TX	2.13E+08	.17	.860	8.61E+06	.26	.059	2.67E+07	.47	.081	6.40E+04	.01		275
48	23	BAYLOR	TX	1.03E+08	.09	.897	5.30E+06	.12	.071	4.55E+06	.26	.030	4.52E+05	.10	.003	261
48	25	BEE	TX	1.41E+08	.10	.870	5.70E+07	.29	.056	1.50E+07	.37	.069	1.24E+06	.30	.006	227
48	27	BELL	TX	2.08E+08	.16	.864	5.96E+07	.26	.060	2.26E+07	.34	.071	1.58E+06	.12	.005	290
48	29	BEXAR	TX	1.88E+08	.14	.778	2.63E+07	.22	.096	3.20E+07	.34	.100	7.97E+06	.38	.025	246
48	31	BLANCO	TX	8.99E+07	.07	.883	6.55E+05	.12	.070	4.94E+06	.37	.042	5.73E+05	.14	.005	273
48	33	BORDEN	TX	6.91E+07	.03	.921	5.53E+05	.29	.058	1.94E+06	.47	.021				251
48	35	BOSQUE	TX	1.42E+08	.07	.710	1.01E+07	.13	.197	2.31E+07	.29	.089	1.13E+06	.09	.004	221
48	37	BOWIE	TX	2.17E+08	.26	.779	2.93E+06	.12	.085	4.96E+07	.50	.134	5.27E+05	.34	.001	242
48	39	BRAZORIA	TX	2.07E+08	.13	.867	9.42E+06	.25	.063	2.22E+07	.50	.070				235

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREA YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
48	41	BRAZOS	TX	1.55E+08	.18	.819	1.29E+07	.41	.079	2.39E+07	.51	.094	1.88E+06	.17	.007	304
48	43	BREWSTER	TX	1.27E+08	.01	.950			.048	3.42E+05	.23	.002				276
48	45	BRISCOE	TX	6.52E+07	.06	.901	3.14E+07	.34	.064	2.75E+06	.32	.028	5.35E+05	.09	.005	247
48	47	BROOKS	TX	1.04E+08	.05	.886	2.74E+06	.21	.063	5.93E+06	.45	.037	2.15E+06	.43	.013	308
48	49	BROWN	TX	1.83E+08	.11	.850	4.46E+06	.14	.073	2.00E+07	.39	.074	1.01E+06	.09	.004	308
48	51	BURLESON	TX	1.75E+08	.20	.836	1.36E+07	.36	.056	2.94E+07	.33	.106	6.27E+05	.12	.002	227
48	53	BURNET	TX	1.53E+08	.08	.913	2.63E+06	.16	.054	6.26E+06	.27	.031	3.45E+05	.09	.001	273
48	55	CALDWELL	TX	1.43E+08	.18	.878	1.79E+07	.32	.048	1.36E+07	.39	.063	2.37E+06	.34	.011	232
48	57	CALHOUN	TX	6.06E+07	.10	.918	3.64E+07	.30	.051	2.70E+06	.51	.031				262
48	59	CALLAHAN	TX	1.25E+08	.07	.872	2.74E+06	.10	.061	1.10E+07	.33	.058	1.86E+06	.15	.010	303
48	61	CAMERON	TX	4.65E+07	.10	.557	9.75E+07	.33	.326	6.63E+06	.37	.060	6.45E+06	.41	.058	226
48	63	CAMP	TX	5.85E+07	.24	.775			.091	1.26E+07	.50	.135				314
48	65	CARSON	TX	1.53E+08	.20	.768	9.00E+07	.36	.196	6.47E+06	.49	.024	3.14E+06	.42	.012	238
48	67	CASS	TX	1.09E+08	.18	.796	1.11E+06	.37	.058	2.53E+07	.42	.139	1.36E+06	.66	.007	201
48	69	CASTRO	TX				2.69E+08	.52	.862	1.21E+07	.64	.022	6.23E+07	1.08	.115	238
48	71	CHAMBERS	TX	9.15E+07	.11	.912	6.28E+05	.12	.048	5.36E+06	.44	.040				206
48	73	CHEROKEE	TX	1.99E+08	.23	.791	8.73E+05	.23	.082	4.27E+07	.47	.127	7.44E+03	.04		304
48	75	CHILDRESS	TX	6.74E+07	.07	.899	1.90E+06	.10	.057	2.99E+06	.33	.030	1.40E+06	.16	.014	254
48	77	CLAY	TX	2.26E+08	.10	.882	5.26E+06	.16	.092	8.83E+06	.31	.025	1.97E+05	.06	.001	219
48	79	COCHRAN	TX	9.03E+07	.15	.933	2.87E+07	.16	.047	2.56E+06	.43	.019				231
48	81	COKE	TX	1.05E+08	.06	.906	4.25E+05	.07	.051	3.61E+06	.25	.037	5.99E+05	.04	.006	212
48	83	COLEMAN	TX	2.38E+08	.10	.905	5.49E+06	.07	.059	6.54E+06	.20	.024	3.16E+06	.12	.012	229
48	85	COLLIN	TX	1.23E+08	.19	.656	5.42E+07	.27	.168	4.28E+07	.38	.172	8.73E+05	.12	.004	228
48	87	COLLINGSWORT	TX	1.09E+08	.07	.845	1.10E+07	.14	.104	6.45E+06	.29	.037	2.42E+06	.09	.014	249
48	89	COLORADO	TX	2.55E+08	.14	.868	5.46E+06	.33	.057	2.91E+07	.46	.074	3.45E+05	.07	.001	210
48	91	COMAL	TX	6.06E+07	.08	.871	3.22E+06	.25	.058	6.05E+06	.29	.070	5.96E+04	.02	.001	298
48	93	COMANCHE	TX	2.42E+08	.15	.817	2.23E+06	.10	.103	2.81E+07	.28	.073	2.27E+06	.18	.006	260
48	95	CONCHO	TX	1.93E+08	.10	.914	9.77E+06	.11	.055	3.21E+06	.26	.028	3.70E+05	.06	.003	229
48	97	COOKE	TX	1.96E+08	.15	.761	1.78E+07	.19	.109	4.20E+07	.37	.123	2.29E+06	.21	.007	230
48	99	CORYELL	TX	1.85E+08	.08	.865	1.49E+07	.15	.067	1.57E+07	.28	.061	1.74E+06	.14	.007	246
48	101	COTTLE	TX	7.90E+07	.05	.922	1.52E+06	.10	.048	2.96E+06	.26	.026	4.24E+05	.11	.004	240
48	103	CRANE	TX	1.74E+07	.01	.953			.047							219
48	105	CROCKETT	TX	2.25E+08	.03	.949			.048	4.59E+05	.16	.004				223
48	107	CROSBY	TX	5.23E+07	.07	.904	4.86E+07	.30	.066	2.25E+06	.42	.029	6.82E+04	.01	.001	249
48	109	CULBERSON	TX	8.05E+07	.01	.936	5.30E+05	.18	.048	1.87E+06	.60	.016				215
48	111	DALLAM	TX	1.35E+08	.05	.574	1.02E+08	.32	.341	1.36E+07	.54	.043	1.29E+07	.50	.041	225
48	113	DALLAS	TX	7.34E+07	.18	.732	1.18E+07	.20	.106	1.98E+07	.31	.149	1.70E+06	.25	.013	180
48	115	DAWSON	TX	1.69E+07	.04	.877	2.02E+07	.10	.050	1.85E+06	.34	.073				250
48	117	DEAF SMITH	TX				1.94E+08	.48	.900	2.58E+07	.82	.037	4.38E+07	.91	.063	220
48	119	DELTA	TX	7.47E+07	.20	.791	5.16E+06	.22	.067	1.72E+07	.36	.136	7.21E+05	.21	.006	198
48	121	DENTON	TX	2.03E+08	.18	.783	3.33E+07	.27	.084	4.47E+07	.38	.130	9.41E+05	.10	.003	245
48	123	DE WITT	TX	2.52E+08	.14	.843	1.32E+07	.23	.094	2.23E+07	.37	.056	2.57E+06	.22	.007	248
48	125	DICKENS	TX	1.00E+08	.06	.882	5.46E+06	.11	.058	2.70E+06	.29	.018	6.29E+06	.35	.042	292
48	127	DIMMIT	TX	1.64E+08	.05	.931	2.78E+06	.29	.047	5.10E+06	.41	.022				218
48	129	DONLEY	TX	1.34E+08	.07	.912	8.33E+06	.13	.048	7.48E+06	.57	.038	2.84E+05	.04	.001	299
48	131	DUVAL	TX	2.48E+08	.07	.910	1.43E+07	.20	.062	9.43E+06	.28	.026	9.03E+05	.11	.002	207
48	133	EASTLAND	TX	1.71E+08	.11	.871	3.33E+06	.13	.064	1.51E+07	.23	.058	1.80E+06	.20	.007	302
48	135	ECTOR	TX	3.50E+07	.02	.926	2.49E+04	.12	.050	1.23E+06	.66	.025				226
48	137	EDWARDS	TX	1.45E+08	.03	.941			.049	1.29E+06	.50	.010				221
48	139	ELLIS	TX	1.79E+08	.18	.787	5.80E+07	.26	.072	3.85E+07	.32	.127	4.32E+06	.21	.014	282
48	141	EL PASO	TX				2.01E+06	.31	.674	4.30E+07	1.14	.310	2.03E+06	1.17	.015	257
48	143	ERATH	TX	2.66E+08	.14	.767	1.94E+06	.09	.161	3.18E+07	.38	.069	1.32E+06	.12	.003	223
48	145	FALLS	TX	2.68E+08	.26	.877	4.21E+07	.24	.059	2.37E+07	.38	.058	2.16E+06	.12	.005	231
48	147	FANNIN	TX	2.05E+08	.17	.774	3.85E+07	.30	.064	5.51E+07	.42	.156	2.04E+06	.27	.006	256
48	149	FAYETTE	TX	2.92E+08	.19	.801	2.19E+07	.29	.082	5.25E+07	.41	.109	4.02E+06	.32	.008	247
48	151	FISHER	TX	1.17E+08	.09	.869	3.97E+06	.11	.066	8.81E+06	.32	.049	2.75E+06	.10	.016	294

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	HAY PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
48	153	FLOYD	TX	1.20E+08	.16	.885	1.57E+08	.46	.048	4.81E+06	.40	.027	7.11E+06	.59	.040	227
48	155	FOARD	TX	4.52E+07	.06	.882	3.08E+06	.10	.049	4.54E+06	.52	.067	1.63E+05	.13	.002	215
48	157	FORT BEND	TX	1.81E+08	.15	.851	5.14E+07	.36	.057	2.49E+07	.52	.088	9.43E+05	.25	.003	230
48	159	FRANKLIN	TX	9.62E+07	.22	.698	5.86E+05	.29	.134	2.98E+07	.59	.162	1.08E+06	.57	.006	302
48	161	FREESTONE	TX	2.33E+08	.17	.857	1.22E+06	.15	.049	3.37E+07	.42	.093	1.62E+05	.10	.001	236
48	163	FRIO	TX	1.74E+08	.09	.778	3.15E+07	.26	.151	1.58E+07	.56	.053	5.47E+06	.33	.018	261
48	165	GAINES	TX				3.19E+07	.11	.042	8.67E+07	.87	.924	3.23E+06	.31	.034	296
48	167	GALVESTON	TX	4.37E+07	.13	.828	1.67E+05	.14	.061	7.62E+06	.21	.109	1.89E+05	.60	.003	214
48	169	GARZA	TX	7.36E+07	.04	.912	5.42E+05	.11	.059	2.88E+06	.34	.027	3.08E+05	.03	.003	306
48	171	GILLESPIE	TX	1.80E+08	.08	.877	6.62E+06	.12	.068	9.51E+06	.32	.050	1.12E+06	.14	.006	217
48	173	GLASSCOCK	TX	4.87E+07	.03	.931	1.74E+06	.10	.048	1.37E+06	.26	.021				245
48	175	GOLIAD	TX	1.42E+08	.10	.908	9.00E+06	.37	.048	8.81E+06	.33	.043	3.67E+05	.17	.001	225
48	177	GONZALES	TX	3.09E+08	.15	.863	6.16E+06	.24	.090	2.70E+07	.41	.045	1.72E+06	.21	.003	294
48	179	GRAY	TX	4.36E+07	.03	.333	1.79E+07	.22	.597	1.08E+07	.43	.061	1.59E+06	.13	.009	291
48	181	GRAYSON	TX	2.21E+08	.19	.822	2.20E+07	.21	.065	3.85E+07	.34	.107	1.68E+06	.20	.004	204
48	183	GREGG	TX	4.44E+07	.15	.823	4.94E+04	.08	.049	9.19E+06	.51	.128				248
48	185	GRIMES	TX	2.23E+08	.19	.775	1.76E+06	.30	.121	3.79E+07	.49	.099	2.02E+06	.34	.005	248
48	187	GUADALUPE	TX	1.62E+08	.17	.807	4.87E+07	.27	.076	2.81E+07	.38	.106	2.96E+06	.24	.011	278
48	189	HALE	TX				2.78E+08	.44	.910	1.09E+07	.57	046	1.04E+07	.70	.043	264
48	191	HALL	TX	8.13E+07	.05	.876	2.19E+06	.09	.060	6.78E+06	.47	.055	1.18E+06	.07	.010	210
48	193	HAMILTON	TX	1.63E+08	.11	.833	8.63E+06	.11	.092	1.69E+07	.27	.071	9.04E+05	.11	.004	218
48	195	HANSFORD	TX				1.27E+08	.43	.932	3.16E+06	.70	.013	1.32E+07	.85	.055	229
48	197	HARDEMAN	TX	5.79E+07	.07	.888	4.11E+06	.10	.055	4.93E+06	.39	.057				187
48	199	HARDIN	TX	2.00E+07	.05	.791	2.08E+05	.11	.049	5.29E+06	.35	.157				221
48	201	HARRIS	TX	2.11E+08	.14	.820	7.87E+06	.25	.091	2.96E+07	.45	.086	1.01E+06	.27	.003	283
48	203	HARRISON	TX	1.49E+08	.21	.789	3.34E+05	.22	.070	3.53E+07	.50	.140	3.75E+05	.55	.001	304
48	205	HARTLEY	TX	8.18E+07	.03	.346	6.41E+07	.36	.606	4.92E+06	.39	.016	9.99E+06	.51	.031	248
48	207	HASKELL	TX	8.23E+07	.11	.882	1.39E+07	.13	.056	6.82E+06	.44	.055	8.46E+05	.07	.007	186
48	209	HAYS	TX	9.90E+07	.09	.850	9.73E+06	.32	.082	8.90E+06	.35	.058	1.41E+06	.12	.009	225
48	211	HEMPHILL	TX	9.61E+07	.05	.704	3.36E+06	.13	.248	7.97E+06	.42	.043	7.45E+05	.09	.004	256
48	213	HENDERSON	TX	2.08E+08	.18	.798	8.84E+05	.18	.056	5.04E+07	.48	.145	4.43E+04	.30		196
48	215	HIDALGO	TX	1.65E+08	.11	.810	1.55E+08	.29	.097	1.17E+07	.45	.043	1.34E+07	.69	.049	254
48	217	HILL	TX	1.76E+08	.20	.808	8.07E+07	.29	.083	3.03E+07	.35	.104	1.50E+06	.13	.005	318
48	219	HOCKLEY	TX				3.90E+07	.15	.877	3.66E+06	.61	.105	6.32E+05	.17	.018	247
48	221	HOOD	TX	8.25E+07	.11	.785	1.05E+06	.14	.156	8.07E+06	.28	.058	2.07E+05	.21	.001	212
48	223	HOPKINS	TX	3.46E+08	.29	.658	5.27E+05	.25	.219	8.48E+07	.56	.121	9.10E+05	.57	.001	245
48	225	HOUSTON	TX	2.63E+08	.18	.845	5.91E+06	.27	.057	4.03E+07	.47	.097				245
48	227	HOWARD	TX	4.37E+07	.04	.929	2.93E+05	.15	.058	4.99E+05	.22	.008	2.94E+05	.04	.005	257
48	229	HUDSPETH	TX	7.03E+07	.01	.751	3.63E+06	.21	.048	2.25E+07	.67	.180	2.64E+06	.85	.021	224
48	231	HUNT	TX	1.85E+08	.19	.789	1.39E+07	.21	.061	4.44E+07	.42	.142	2.15E+06	.32	.007	224
48	233	HUTCHINSON	TX	1.03E+08	.06	.904	3.53E+07	.41	.048	5.44E+06	.35	.036	1.92E+06	.52	.013	248
48	235	IRION	TX	1.04E+08	.03	.944			.049	6.23E+05	.52	.007				198
48	237	JACK	TX	1.36E+08	.07	.911	6.72E+05	.09	.060	5.72E+06	.29	.020	1.40E+05	.05	.001	240
48	239	JACKSON	TX	1.45E+08	.11	.878	6.74E+07	.36	.051	1.56E+07	.49	.070				232
48	241	JASPER	TX	4.92E+07	.12	.774	7.87E+04	.12	.080	1.23E+07	.46	.145				304
48	243	JEFF DAVIS	TX	1.13E+08	.02	.945	1.38E+04	.18	.048	1.08E+06	.46	.007				277
48	245	JEFFERSON	TX	9.66E+07	.12	.902	9.07E+05	.16	.049	6.94E+06	.39	.049				228
48	247	JIM HOGG	TX	1.67E+08	.05	.949	4.57E+05	.24	.048	8.04E+05	.29	.004				287
48	249	JIM WELLS	TX	1.70E+08	.11	.809	5.87E+07	.23	.121	1.53E+07	.37	.055	4.32E+06	.26	.016	308
48	251	JOHNSON	TX	1.51E+08	.19	.730	2.47E+07	.25	.148	3.27E+07	.32	.119	8.75E+05	.09	.003	300
48	253	JONES	TX	1.20E+08	.13	.681	1.21E+07	.10	.049	9.66E+06	.33	.053	2.98E+06	.09	.016	247
48	255	KARNES	TX	1.99E+08	.17	.866	1.64E+07	.19	.066	1.82E+07	.30	.060	2.44E+06	.13	.008	226
48	257	KAUFMAN	TX	2.54E+08	.20	.790	8.06E+06	.19	.072	5.77E+07	.33	.135	1.12E+06	.16	.003	294
48	259	KENDALL	TX	8.93E+07	.07	.809	6.71E+05	.10	.112	8.20E+06	.35	.066	1.64E+06	.27	.013	252
48	261	KENEDY	TX	1.56E+08	.07	.949			.047	6.01E+05	.46	.003				264
48	263	KENT	TX	5.45E+07	.04	.925	1.24E+06	.13	.048	1.52E+06	.33	.019	6.04E+05	.08	.007	308

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	-------- GRAIN -------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	--------- HAY --------- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	------- SILAGE ------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
48	265	KERR	TX	1.10E+08	.04	.880	9.21E+05	.12	.057	6.84E+06	.35	.057	7.78E+05	.16	.007	219
48	267	KIMBLE	TX	1.20E+08	.05	.921	3.83E+05	.29	.053	2.58E+06	.30	.025	2.29E+05	.10	.002	253
48	269	KING	TX	6.19E+07	.03	.945	3.37E+05	.11	.048	6.15E+05	.36	.007				251
48	271	KINNEY	TX	1.41E+08	.05	.906	8.23E+05	.20	.048	5.44E+06	.74	.046				219
48	273	KLEBERG	TX	2.58E+08	.07	.878	1.58E+07	.22	.048	2.88E+07	.32	.073	2.45E+05	.12	.001	291
48	275	KNOX	TX	7.51E+07	.07	.894	2.11E+07	.20	.052	3.93E+06	.25	.035	2.16E+06	.12	.019	303
48	277	LAMAR	TX	2.32E+08	.22	.762	1.75E+07	.23	.070	6.72E+07	.40	.166	9.31E+05	.15	.002	220
48	279	LAMB	TX	2.51E+07	.04	.223	2.20E+08	.50	.458	4.10E+07	.91	.311	1.02E+06	.15	.007	235
48	281	LAMPASAS	TX	1.51E+08	.09	.869	1.74E+06	.08	.077	9.13E+06	.26	.047	1.36E+06	.16	.007	205
48	283	LA SALLE	TX	2.03E+08	.06	.909	1.09E+07	.19	.060	8.01E+06	.43	.027	1.21E+06	.08	.004	226
48	285	LAVACA	TX	2.43E+08	.15	.837	1.80E+07	.27	.076	3.24E+07	.36	.084	1.36E+06	.17	.004	297
48	287	LEE	TX	2.08E+08	.21	.876	6.91E+06	.24	.060	2.00E+07	.45	.063	4.21E+05	.10	.001	292
48	289	LEON	TX	2.26E+08	.15	.854	1.35E+06	.17	.052	3.30E+07	.52	.094	2.13E+05	.37	.001	269
48	291	LIBERTY	TX	1.08E+08	.11	.852	5.27E+06	.18	.054	1.56E+07	.38	.092	3.48E+05	.24	.002	262
48	293	LIMESTONE	TX	2.27E+08	.16	.863	8.05E+06	.16	.057	2.65E+07	.34	.076	1.59E+06	.16	.004	289
48	295	LIPSCOMB	TX	3.19E+08	.19	.901	9.82E+06	.16	.048	1.97E+07	.62	.042	4.48E+06	.24	.010	263
48	297	LIVE OAK	TX	1.78E+08	.10	.877	3.24E+07	.23	.058	1.72E+07	.41	.064	5.57E+05	.07	.002	193
48	299	LLANO	TX	1.40E+08	.07	.939	1.14E+05	.08	.049	2.31E+06	.37	.012				292
48	301	LOVING	TX	2.16E+07	.02	.953			.047							235
48	303	LUBBOCK	TX				6.09E+07	.32	.973	3.11E+06	.33	.017	1.80E+06	.20	.010	219
48	305	LYNN	TX	3.94E+07	.10	.902	7.44E+06	.11	.059	1.89E+06	.21	.032	4.11E+05	.07	.007	214
48	307	MC CULLOCH	TX	2.03E+08	.09	.904	5.46E+06	.10	.059	6.15E+06	.23	.030	1.46E+06	.14	.007	216
48	309	MC LENNAN	TX	2.34E+08	.18	.758	5.09E+07	.22	.109	4.46E+07	.36	.109	9.95E+06	.26	.024	228
48	311	MC MULLEN	TX	1.40E+08	.06	.938	4.00E+06	.18	.047	2.96E+06	.35	.015				251
48	313	MADISON	TX	1.58E+08	.19	.844	7.58E+05	.26	.063	2.31E+07	.49	.092	3.59E+05	.29	.001	296
48	315	MARION	TX	3.76E+07	.21	.812	1.89E+03	.19	.061	7.82E+06	.52	.127				265
48	317	MARTIN	TX	3.20E+07	.03	.886	2.81E+06	.10	.062	2.51E+06	.45	.052				243
48	319	MASON	TX	1.85E+08	.08	.934	5.19E+05	.16	.049	3.26E+06	.31	.013	8.80E+05	.29	.004	220
48	321	MATAGORDA	TX	2.29E+08	.13	.882	4.83E+07	.35	.052	2.25E+07	.53	.065	1.09E+05	.20		244
48	323	MAVERICK	TX	9.56E+07	.03	.397	2.12E+06	.26	.511	2.56E+07	.87	.080	3.86E+06	.32	.012	306
48	325	MEDINA	TX	2.42E+08	.10	.890	5.51E+07	.24	.051	1.84E+07	.40	.051	2.65E+06	.18	.007	298
48	327	MENARD	TX	1.21E+08	.06	.916	5.43E+05	.11	.051	3.41E+06	.34	.033				296
48	329	MIDLAND	TX	1.03E+08	.03	.886	7.46E+05	.15	.057	7.58E+06	.82	.050	9.54E+05	.14	.006	246
48	331	MILAM	TX	2.48E+08	.20	.852	4.86E+07	.30	.064	2.90E+07	.42	.075	3.85E+06	.18	.010	220
48	333	MILLS	TX	1.78E+08	.12	.866	2.84E+06	.09	.086	9.02E+06	.30	.045	6.52E+05	.11	.003	258
48	335	MITCHELL	TX	9.04E+07	.05	.904	2.31E+06	.10	.059	3.26E+06	.30	.026	1.31E+06	.07	.010	226
48	337	MONTAGUE	TX	2.11E+08	.12	.887	1.87E+06	.14	.073	1.24E+07	.25	.039	4.00E+04	.02		226
48	339	MONTGOMERY	TX	9.18E+07	.13	.840	3.47E+04	.09	.071	1.15E+07	.54	.088				235
48	341	MOORE	TX				1.20E+08	.48	.973	2.16E+06	.42	.009	4.58E+06	.61	.019	283
48	343	MORRIS	TX	7.28E+07	.18	.845	2.18E+05	.22	.053	1.16E+07	.46	.101	1.10E+05	.32	.001	192
48	345	MOTLEY	TX	9.27E+07	.05	.926	2.59E+06	.10	.052	2.59E+06	.30	.019	3.57E+05	.04	.003	234
48	347	NACOGDOCHES	TX	2.00E+08	.25	.782	2.48E+06	.32	.116	3.32E+07	.53	.097	1.71E+06	.40	.005	217
48	349	NAVARRO	TX	2.83E+08	.17	.840	2.73E+07	.27	.063	4.12E+07	.37	.091	2.92E+06	.20	.007	244
48	351	NEWTON	TX	3.06E+07	.10	.828	2.74E+03	.08	.064	5.31E+06	.46	.108				259
48	353	NOLAN	TX	1.25E+08	.09	.904	3.61E+06	.10	.047	6.72E+06	.43	.040	1.50E+06	.15	.009	271
48	355	NUECES	TX	7.36E+07	.12	.787	2.49E+08	.33	.115	1.22E+07	.48	.098				227
48	357	OCHILTREE	TX	7.43E+07	.07	.345	8.21E+07	.35	.552	1.09E+07	.58	.038	1.83E+07	.58	.064	296
48	359	OLDHAM	TX	7.14E+07	.02	.481	9.70E+06	.21	.502	2.32E+06	.37	.012	1.02E+06	.22	.005	191
48	361	ORANGE	TX	2.25E+07	.12	.882	9.14E+05	.18	.060	1.97E+06	.42	.058				192
48	363	PALO PINTO	TX	1.37E+08	.08	.920	1.59E+06	.10	.054	5.04E+06	.25	.025	1.32E+05	.05	.001	286
48	365	PANOLA	TX	1.30E+08	.18	.829	2.57E+04	.18	.067	2.17E+07	.43	.104				232
48	367	PARKER	TX	2.19E+08	.15	.827	1.98E+06	.13	.107	2.18E+07	.28	.062	1.71E+06	.17	.004	254
48	369	PARMER	TX				4.12E+08	.64	.935	1.63E+07	.83	.028	2.18E+07	.80	.037	245
48	371	PECOS	TX	2.73E+08	.02	.920	2.89E+06	.15	.048	8.51E+06	.67	.030	7.51E+05	.18	.003	201
48	373	POLK	TX	6.08E+07	.11	.827	2.39E+04	.22	.061	1.07E+07	.48	.109	2.26E+05	.40	.002	226
48	375	POTTER	TX	8.94E+07	.05	.945	4.74E+06	.24	.047	1.00E+06	.40	.008				271

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
48	377	PRESIDIO	TX	1.44E+08	.02	.936	4.71E+05	.29	.048	2.88E+06	.46	.015	1.10E+05	.23	.001	198
48	379	RAINS	TX	7.39E+07	.22	.792	2.74E+05	.11	.104	1.29E+07	.47	.104				233
48	381	RANDALL	TX				4.31E+07	.26	.907	9.26E+06	.35	.031	1.86E+07	.45	.062	248
48	383	REAGAN	TX	6.28E+07	.03	.915	8.65E+05	.14	.048	1.86E+06	.48	.036				203
48	385	REAL	TX	4.00E+07	.03	.913	3.00E+05	.50	.050	1.59E+06	.31	.037				226
48	387	RED RIVER	TX	2.84E+08	.21	.816	5.93E+06	.20	.054	5.57E+07	.41	.120	4.60E+06	.81	.010	282
48	389	REEVES	TX				6.73E+06	.18	.880	1.62E+07	1.25	.088	5.90E+06	.95	.032	238
48	391	REFUGIO	TX	1.22E+08	.08	.923	6.86E+07	.35	.048	5.08E+06	.46	.028	5.24E+04	.22		226
48	393	ROBERTS	TX	1.05E+08	.05	.848	5.51E+06	.29	.143	1.48E+06	.28	.009				298
48	395	ROBERTSON	TX	2.32E+08	.19	.852	1.06E+07	.30	.062	3.12E+07	.48	.086	1.06E+05	.02		201
48	397	ROCKWALL	TX	2.21E+07	.18	.763	2.46E+06	.16	.063	6.18E+06	.37	.160	5.28E+05	.12	.013	264
48	399	RUNNELS	TX	1.97E+08	.14	.878	2.64E+07	.10	.067	1.09E+07	.26	.043	2.87E+06	.07	.011	250
48	401	RUSK	TX	1.80E+08	.21	.794	3.27E+05	.21	.076	3.79E+07	.49	.125	1.44E+06	.69	.004	229
48	403	SABINE	TX	3.03E+07	.27	.880			.050	3.22E+06	.23	.070				249
48	405	SAN AUGUSTIN	TX	4.30E+07	.18	.887			.052	3.94E+06	.45	.061				263
48	407	SAN JACINTO	TX	3.67E+07	.12	.828	1.01E+05	.10	.063	6.41E+06	.52	.109	1.93E+04	.08		257
48	409	SAN PATRICIO	TX	1.05E+08	.17	.914	1.72E+08	.34	.049	5.62E+06	.44	.037				277
48	411	SAN SABA	TX	2.65E+08	.09	.904	3.20E+06	.10	.052	1.24E+07	.30	.041	7.25E+05	.12	.002	295
48	413	SCHLEICHER	TX	1.51E+08	.05	.915	2.46E+06	.12	.053	4.04E+06	.34	.031	6.75E+04	.02	.001	226
48	415	SCURRY	TX	8.35E+07	.05	.888	3.38E+06	.13	.065	4.61E+06	.28	.037	1.26E+06	.07	.010	245
48	417	SHACKELFORD	TX	1.01E+08	.06	.909	1.44E+06	.09	.073	2.01E+06	.25	.013	5.40E+05	.22	.004	226
48	419	SHELBY	TX	1.50E+08	.23	.846	3.09E+05	.15	.063	2.15E+07	.41	.091	2.63E+03	.04		224
48	421	SHERMAN	TX	9.42E+06	.01	.049	1.36E+08	.41	.821	5.35E+06	.34	.021	2.80E+07	1.08	.109	251
48	423	SMITH	TX	1.97E+08	.22	.785	6.92E+05	.30	.064	5.05E+07	.48	.151	3.60E+04	.04		185
48	425	SOMERVELL	TX	2.72E+07	.10	.858	4.40E+05	.17	.059	3.31E+06	.23	.079	2.04E+05	.10	.004	245
48	427	STARR	TX	1.69E+08	.10	.909	1.55E+07	.32	.048	8.28E+06	.38	.034	2.37E+06	.41	.010	244
48	429	STEPHENS	TX	1.20E+08	.06	.917	1.43E+06	.08	.052	3.31E+06	.22	.019	2.05E+06	.20	.012	314
48	431	STERLING	TX	9.45E+07	.03	.924	3.12E+03	.11	.049	2.00E+06	.97	.027				228
48	433	STONEWALL	TX	8.94E+07	.06	.922	1.41E+06	.09	.048	3.13E+06	.22	.024	7.75E+05	.05	.006	227
48	435	SUTTON	TX	1.59E+08	.04	.940	2.57E+05	.16	.048	1.84E+06	.31	.012				220
48	437	SWISHER	TX	7.92E+07	.11	.267	1.73E+08	.42	.687	6.22E+06	.42	.016	1.20E+07	.61	.031	254
48	439	TARRANT	TX	1.59E+08	.23	.789	7.93E+06	.15	.104	2.79E+07	.33	.104	8.85E+05	.09	.003	208
48	441	TAYLOR	TX	9.84E+07	.07	.436	7.67E+06	.09	.518	1.03E+07	.28	.037	2.76E+06	.12	.010	248
48	443	TERRELL	TX	1.05E+08	.02	.940			.048	6.12E+05	.87	.012				227
48	445	TERRY	TX	1.86E+07	.06	.866	3.95E+07	.10	.081	1.51E+06	.57	.052				252
48	447	THROCKMORTON	TX	1.23E+08	.06	.924	1.80E+06	.09	.062	1.77E+06	.19	.010	7.65E+05	.16	.004	213
48	449	TITUS	TX	1.34E+08	.26	.794	1.42E+05	.17	.077	2.91E+07	.56	.130				227
48	451	TOM GREEN	TX	2.02E+08	.06	.723	2.74E+07	.15	.214	9.26E+06	.38	.043	4.23E+06	.16	.020	236
48	453	TRAVIS	TX	1.23E+08	.10	.793	3.88E+07	.28	.084	2.25E+07	.39	.110	2.51E+06	.26	.012	234
48	455	TRINITY	TX	7.27E+07	.15	.776			.051	2.16E+07	.58	.173				253
48	457	TYLER	TX	3.56E+07	.12	.821	1.92E+05	.27	.053	7.21E+06	.55	.125	3.03E+04	.67	.001	267
48	459	UPSHUR	TX	1.36E+08	.29	.749	1.10E+05	.35	.120	3.17E+07	.50	.130	1.96E+05	.81	.001	275
48	461	UPTON	TX	6.76E+07	.02	.944	5.09E+04	.13	.049	3.65E+05	.21	.007				240
48	463	UVALDE	TX	1.58E+08	.06	.844	1.24E+07	.20	.118	6.35E+06	.33	.032	1.14E+06	.17	.006	224
48	465	VAL VERDE	TX	2.32E+08	.03	.941	1.93E+04	.22	.053	8.27E+05	.47	.007				298
48	467	VAN ZANDT	TX	2.74E+08	.24	.807	2.10E+06	.20	.069	5.58E+07	.48	.123	4.60E+05	.08	.001	274
48	469	VICTORIA	TX	1.75E+08	.10	.903	4.46E+07	.29	.052	1.10E+07	.41	.043	4.70E+05	.33	.001	250
48	471	WALKER	TX	1.31E+08	.15	.843	3.19E+03	.10	.063	1.95E+07	.50	.094				301
48	473	WALLER	TX	1.29E+08	.19	.817	4.25E+06	.20	.076	2.25E+07	.46	.107				276
48	475	WARD	TX	2.76E+07	.01	.931	2.53E+03	.05	.049	7.78E+05	.48	.019				296
48	477	WASHINGTON	TX	2.11E+08	.23	.785	5.08E+06	.25	.082	4.68E+07	.45	.131	6.54E+05	.18	.001	225
48	479	WEBB	TX	3.69E+08	.05	.946	3.84E+06	.37	.048	3.09E+06	.44	.006	4.92E+04	.06		290
48	481	WHARTON	TX	2.08E+08	.14	.874	1.38E+08	.40	.055	2.19E+07	.48	.069	8.07E+05	.34	.002	302
48	483	WHEELER	TX	1.22E+08	.08	.642	1.02E+07	.14	.273	2.01E+07	.43	.079	1.43E+06	.11	.005	302
48	485	WICHITA	TX	8.79E+07	.11	.858	5.37E+06	.15	.072	8.98E+06	.31	.066	5.56E+05	.22	.004	207
48	487	WILBARGER	TX	1.54E+08	.06	.815	8.76E+06	.14	.049	3.35E+07	.61	.133	7.32E+05	.15	.003	222

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	-------- GRAIN -------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	--------- HAY --------- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	------- SILAGE -------- PRODUC-TION KG	PRODUC-TIVITY KG/M**2	FRAC.	FROST-FREE DAYS
48	489	WILLACY	TX	1.99E+07	.04	.869	8.03E+07	.30	.053	2.23E+06	.46	.073	1.09E+05	.09	.004	222
48	491	WILLIAMSON	TX	2.32E+08	.17	.837	1.14E+08	.31	.070	2.90E+07	.40	.082	4.42E+06	.19	.013	313
48	493	[illegible]SON	TX	2.26E+08	.19	.824	1.51E+07	.21	.086	3.07E+07	.34	.084	2.34E+06	.12	.007	246
48	495	WINKLER	TX	2.57E+07	.01	.952			.048							296
48	497	WISE	TX	2.08E+08	.17	.741	4.60E+06	.17	.149	3.74E+07	.36	.100	3.68E+06	.36	.010	219
48	499	WOOD	TX	1.53E+08	.22	.740	5.06E+05	.22	.127	3.66E+07	.56	.133	1.82E+05	.24	.001	245
48	501	YOAKUM	TX	1.16E+07	.03	.376	3.40E+07	.11	.061	2.23E+07	.91	.342	8.63E+05	.12	.021	245
48	503	YOUNG	TX	1.38E+08	.08	.892	4.04E+06	.10	.089	3.32E+06	.18	.016	5.39E+05	.14	.002	212
48	505	ZAPATA	TX	1.28E+08	.89	.950			.048	4.22E+05	.45	.002				229
48	507	ZAVALA	TX	1.51E+08	.05	.765	2.71E+07	.38	.176	1.22E+07	.57	.047	3.07E+06	.46	.012	307
49	0		UT	1.64E+09	.05	.413	1.13E+08	.26	.147	1.39E+09	.63	.365	2.88E+08	1.10	.075	
49	1	BEAVER	UT	3.48E+07	.07	.371	6.07E+05	.26	.125	5.35E+07	.78	.456	5.65E+06	.93	.048	278
49	3	BOX ELDER	UT	1.65E+08	.03	.437	1.74E+07	.22	.149	1.24E+08	.66	.307	4.30E+07	1.37	.106	209
49	5	CACHE	UT	4.74E+07	.09	.164	1.54E+07	.21	.273	1.37E+08	.64	.433	4.07E+07	1.17	.129	157
49	7	CARBON	UT	4.22E+07	.03	.685	4.07E+05	.21	.054	1.39E+07	.56	.219	2.67E+06	1.00	.042	169
49	9	DAGGETT	UT	7.39E+06	.06	.272	3.33E+04	.11	.049	1.20E+07	.45	.679				179
49	11	DAVIS	UT	3.25E+07	.09	.355	2.27E+06	.30	.219	3.06E+07	.72	.280	1.59E+07	1.26	.145	171
49	13	DUCHESNE	UT	1.01E+08	.08	.509	2.53E+06	.25	.102	7.56E+07	.50	.340	1.10E+07	.75	.049	194
49	15	EMERY	UT	5.32E+07	.07	.512	2.42E+06	.29	.094	4.14E+07	.61	.344	6.03E+06	1.00	.050	182
49	17	GARFIELD	UT	3.66E+07	.09	.344	5.01E+05	.26	.057	2.01E+07	.58	.290	6.35E+05	.66	.009	175
49	19	GRAND	UT	2.06E+07	.03	.779	1.15E+05	.24	.060	5.18E+06	.71	.147	4.69E+05	1.05	.013	151
49	21	IRON	UT	2.65E+07	.02		6.96E+06	.36	.078	8.70E+07	.78	.811	1.18E+07	1.15	.110	176
49	23	JUAB	UT	2.72E+07	.06	.477	1.25E+06	.16	.096	2.47E+07	.59	.380	3.09E+06	1.01	.047	177
49	25	KANE	UT	3.42E+07	.04	.893	1.50E+04	.22	.051	2.61E+06	.37	.055				169
49	27	MILLARD	UT	6.35E+07	.04	.261	1.15E+07	.27	.175	1.43E+08	.76	.502	1.74E+07	.88	.061	146
49	29	MORGAN	UT	3.97E+07	.04	.415	1.36E+06	.31	.133	1.90E+07	.52	.424	1.25E+04	1.43	.028	162
49	31	PIUTE	UT	2.25E+07	.11	.500	3.61E+05	.27	.137	1.59E+07	.71	.310	2.69E+06	.98	.052	190
49	33	RICH	UT	9.70E+07	.05	.597	1.72E+06	.21	.058	5.96E+07	.54	.344	1.25E+05	1.34	.001	175
49	35	SALT LAKE	UT	3.33E+07	.05	.185	5.34E+06	.36	.206	4.47E+07	.84	.499	9.86E+06	1.21	.111	169
49	37	SAN JUAN	UT	8.04E+07	.05	.869	1.56E+06	.09	.069	4.99E+06	.53	.062				199
49	39	SANPETE	UT	1.24E+08	.08	.325	5.33E+06	.23	.153	9.30E+07	.62	.448	1.54E+07	1.07	.074	154
49	41	SEVIER	UT	5.27E+07	.08	.310	5.98E+06	.37	.181	6.00E+07	.83	.402	1.59E+07	1.13	.106	180
49	43	SUMMIT	UT	7.06E+07	.05	.496	5.84E+05	.22	.158	3.42E+07	.50	.345	1.63E+04	.09		176
49	45	TOOELE	UT	3.85E+07	.02	.463	9.05E+05	.19	.063	2.74E+07	.59	.460	8.89E+05	.41	.015	186
49	47	UINTAH	UT	1.24E+08	.03	.685	1.91E+06	.22	.066	4.34E+07	.47	.204	9.50E+06	.79	.045	162
49	49	UTAH	UT	9.51E+07	.07	.251	1.94E+07	.39	.198	1.15E+08	.75	.415	3.73E+07	1.15	.135	178
49	51	WASATCH	UT	4.14E+07	.05	.375	1.08E+06	.27	.189	2.48E+07	.58	.409	1.61E+06	.76	.026	188
49	53	WASHINGTON	UT	4.81E+07	.06	.691	2.11E+06	.30	.106	1.65E+07	.81	.182	1.90E+06	.97	.021	187
49	55	WAYNE	UT	3.80E+07	.10	.574	1.58E+06	.32	.092	2.04E+07	.63	.310	1.54E+06	.74	.023	188
49	57	WEBER	UT	4.27E+07	.06	.289	2.64E+06	.34	.270	4.33E+07	.68	.269	2.78E+07	1.22	.172	171
50	0		VT	3.95E+08	.16	.226	9.83E+06	.38	.315	7.11E+08	.41	.308	3.47E+08	.95	.151	
50	1	ADDISON	VT	5.03E+07	.15	.159	3.13E+06	.31	.307	1.50E+08	.41	.359	7.31E+07	.83	.175	188
50	3	BENNINGTON	VT	4.94E+06	.06	.139	5.51E+05	.47	.281	1.71E+07	.46	.386	8.56E+06	1.04	.193	151
50	5	CALEDONIA	VT	2.33E+07	.17	.214	3.15E+05	.26	.311	4.76E+07	.40	.332	2.04E+07	1.15	.142	165
50	7	CHITTENDEN	VT	3.11E+07	.15	.214	1.19E+06	.36	.306	6.03E+07	.41	.313	3.22E+07	.97	.167	151
50	9	ESSEX	VT	3.61E+06	.12	.163	2.46E+04	.12	.325	1.01E+07	.42	.343	4.94E+06	1.26	.169	148

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
50	11	FRANKLIN	VT	8.50E+07	.21	.271	5.62E+05	.29	.339	1.05E+08	.42	.252	5.73E+07	.92	.137	153
50	13	GRAND ISLE	VT	3.90E+06	.08	.098	1.25E+06	.60	.305	2.17E+07	.41	.415	9.44E+06	.81	.181	150
50	15	LANDILLE	VT	1.61E+07	.21	.249	3.52E+05	.35	.333	2.02E+07	.43	.271	1.25E+07	.97	.146	150
50	17	ORANGE	VT	3.65E+07	.14	.285	6.43E+05	.77	.306	4.71E+07	.40	.280	2.17E+07	1.05	.129	150
50	19	ORLEANS	VT	5.81E+07	.19	.268	1.19E+05	.12	.333	8.47E+07	.39	.293	3.02E+07	.94	.105	151
50	21	RUTLAND	VT	3.39E+07	.12	.228	9.77E+05	.55	.300	5.88E+07	.40	.301	3.34E+07	.89	.171	151
50	23	WASHINGTON	VT	1.89E+07	.16	.243	1.11E+05	.25	.301	3.25E+07	.41	.319	1.41E+07	1.15	.138	153
50	25	WINDHAM	VT	1.03E+07	.15	.193			.300	1.93E+07	.41	.280	1.56E+07	1.25	.226	150
50	27	WINDSOR	VT	1.87E+07	.11	.248	3.82E+05	.52	.283	3.29E+07	.38	.333	1.35E+07	.99	.136	163
51	0		VA	3.75E+09	.22	.609	9.54E+08	.39	.131	1.27E+09	.40	.160	8.02E+08	.94	.100	
51	1	ACCOMACK	VA	2.44E+06	.11	.529	2.53E+07	.32	.153	1.05E+06	.46	.181	8.02E+05	.55	.137	152
51	3	ALBEMARLE	VA	9.49E+07	.21	.674	5.62E+06	.38	.076	3.53E+07	.38	.190	1.12E+07	1.04	.061	237
51	5	ALLEGHANY	VA	9.98E+06	.13	.638	2.34E+05	.40	.073	3.92E+06	.33	.193	1.91E+06	.89	.094	205
51	7	AMELIA	VA	2.31E+07	.21	.470	9.30E+	.24	.224	8.83E+06	.43	.139	1.06E+07	.89	.166	194
51	9	AMHERST	VA	3.92E+07	.17	.660	1.11E+06	.44	.064	1.69E+07	.41	.214	4.90E+06	.94	.062	222
51	11	APPOMATTOX	VA	3.51E+07	.22	.655	5.33E+06	.36	.113	1.15E+07	.36	.161	5.04E+06	.94	.070	202
51	13	ARLINGTON	VA													204
51	15	AUGUSTA	VA	2.11E+08	.27	.602	2.16E+07	. .	.139	6.72E+07	.43	.153	4.64E+07	.95	.106	205
51	17	BATH	VA	1.96E+07	.14	.636	5.93E+05	.39	.068	8.22E+06	.39	.222	2.78E+06	1.06	.075	202
51	19	BEDFORD	VA	1.07E+08	.22	.580	8.64E+06	.40	.135	4.22E+07	.38	.172	2.78E+07	.94	.113	195
51	21	BLAND	VA	4.19E+07	.21	.642	1.12E+06	.39	.120	1.32E+07	.39	.162	6.17E+06	1.02	.076	201
51	23	BOTETOURT	VA	5.26E+07	.22	.594	3.76E+06	.49	.122	2.02E+07	.44	.172	1.30E+07	1.13	.112	194
51	25	BRUNSWICK	VA	2.23E+07	.17	.561	7.46E+06	.24	.183	5.17E+06	.36	.098	8.31E+06	.80	.158	193
51	27	BUCHANAN	VA	2.01E+06	.08	.685	1.96E+03	.25	.142	6.50E+05	.29	.173				221
51	29	BUCKINGHAM	VA	2.99E+07	.19	.658	4.02E+06	.35	.075	1.35E+07	.39	.223	2.65E+06	.85	.043	192
51	31	CAMPBELL	VA	5.24E+07	.21	.609	6.50E+06	.28	.127	1.88E+07	.36	.165	1.13E+07	.79	.099	205
51	33	CAROLINE	VA	1.31E+07	.19	.604	1.82E+07	.35	.134	4.96E+06	.39	.173	2.54E+06	.90	.088	205
51	35	CARROLL	VA	7.05E+07	.25	.611	1.68E+06	.43	.139	2.82E+07	.41	.184	1.03E+07	1.07	.067	215
51	36	CHARLES CITY	VA	4.70E+06	.24	.678	1.07E+07	.32	.110	9.74E+05	.38	.106	9.76E+05	.46	.106	206
51	37	CHARLOTTE	VA	4.20E+07	.21	.617	7.68E+06	.36	.134	1.12E+07	.33	.124	1.14E+07	.90	.126	215
51	41	CHESTERFIELD	VA	5.22E+06	.14	.580	1.95E+06	.24	.101	3.10E+06	.38	.265	2.21E+05	.82	.053	208
51	43	CLARKE	VA	4.27E+07	.25	.539	6.41E+06	.38	.142	1.74E+07	.43	.174	1.45E+07	.90	.145	223
51	45	CRAIG	VA	1.81E+07	.16	.689	1.68E+06	.61	.080	6.14E+06	.35	.188	1.41E+06	1.12	.043	198
51	47	CULPEPER	VA	7.78E+07	.29	.557	1.82E+07	.48	.136	3.19E+07	.41	.172	2.50E+07	.93	.135	191
51	49	CUMBERLAND	VA	2.69E+07	.17	.605	4.40E+06	.39	.138	1.10E+07	.38	.186	4.19E+06	.80	.070	198
51	51	DICKENSON	VA	3.49E+06	.17	.701	1.79E+05	.57	.091	1.30E+06	.37	.205	2.43E+04	1.01	.004	207
51	53	DINWIDDIE	VA	1.57E+07	.14	.562	1.42E+07	.31	.130	4.74E+06	.42	.127	6.73E+06	.97	.180	202
51	57	ESSEX	VA	6.20E+06	.22	.649	2.27E+07	.37	.112	1.02E+06	.28	.079	2.03E+06	.74	.160	225
51	59	FAIRFAX	VA	6.31E+06	.16	.434	1.49E+06	.44	.171	6.87E+06	.46	.355	7.49E+05	.56	.039	216
51	61	FAUQUIER	VA	1.22E+08	.25	.570	2.20E+07	.44	.132	5.13E+07	.39	.180	3.36E+07	.92	.118	202
51	63	FLOYD	VA	6.37E+07	.21	.583	1.21E+06	.39	.139	2.59E+07	.37	.179	1.43E+07	.98	.099	201
51	65	FLUVANNA	VA	2.53E+07	.25	.683	1.14E+06	.30	.063	1.09E+07	.36	.223	1.52E+06	.73	.031	200
51	67	FRANKLIN	VA	8.53E+07	.22	.507	7.11E+06	.39	.190	2.62E+07	.38	.117	4.16E+07	.88	.186	210
51	69	FREDERICK	VA	4.90E+07	.22	.644	4.50E+06	.29	.095	1.89E+07	.39	.190	6.99E+06	.69	.070	199
51	71	GILES	VA	2.83E+07	.15	.696	7.01E+05	.48	.066	1.02E+07	.41	.198	2.06E+06	.92	.040	198
51	73	GLOUCESTER	VA	2.20E+06	.13	.553	1.41E+07	.44	.087	1.67E+06	.46	.338	1.03E+05	.96	.021	193
51	75	GOOCHLAND	VA	2.01E+07	.20	.628	3.62E+06	.26	.102	8.95E+06	.39	.210	2.56E+06	.69	.060	231
51	77	GRAYSON	VA	7.97E+07	.18	.652	4.15E+05	.41	.106	2.77E+07	.39	.172	1.13E+07	.98	.070	212
51	79	GREENE	VA	1.91E+07	.27	.606	1.64E+06	.37	.113	8.03E+06	.39	.196	3.51E+06	.86	.085	206
51	81	GREENSVILLE	VA	7.72E+06	.11	.834	1.13E+07	.32	.067	6.87E+05	.26	.057	2.69E+05	.39	.022	208
51	83	HALIFAX	VA	5.11E+07	.15	.649	1.09E+07	.28	.120	1.34E+07	.36	.128	1.08E+07	.84	.103	231

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M**2	FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M**2	FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M**2	FRAC.	FROST-FREE DAYS
51	85	HANOVER	VA	4.26E+07	.33	.584	1.45E+07	.26	.134	1.42E+07	.39	.146	1.31E+07	.85	.136	210
51	87	HENRICO	VA	8.29E+06	.23	.529	6.55E+06	.32	.203	4.18E+06	.48	.200	1.41E+06	1.41	.067	222
51	89	HENRY	VA	1.60E+07	.16	.608	1.71E+06	.35	.101	5.48E+06	.38	.156	4.75E+06	1.00	.135	221
51	91	HIGHLAND	VA	3.48E+07	.12	.604	1.92E+05	.36	.068	1.38E+07	.42	.272	2.84E+06	.95	.056	205
51	93	ISLE OF WIGH	VA	1.74E+07	.32	.726	4.02E+07	.49	.144	6.61E+05	.37	.021	3.51E+06	1.00	.109	195
51	95	JAMES CITY	VA	3.09E+06	.20	.623	6.48E+06	.37	.120	1.21E+06	.34	.184	4.80E+05	1.22	.073	239
51	97	KING AND QUE	VA	4.52E+06	.25	.648	1.79E+07	.33	.213	8.29E+05	.43	.089	4.72E+05	.60	.051	230
51	99	KING GEORGE	VA	8.77E+06	.19	.569	9.98E+06	.38	.071	3.89E+06	.38	.192	3.39E+06	1.02	.168	224
51	101	KING WILLIAM	VA	1.17E+07	.24	.478	1.32E+07	.30	.210	2.34E+06	.42	.072	7.81E+06	.93	.239	213
51	103	LANCASTER	VA	1.61E+06	.10	.648	1.34E+07	.38	.117	2.59E+05	.28	.079	5.08E+05	.88	.155	223
51	105	LEE	VA	6.52E+07	.19	.685	4.26E+06	.45	.112	2.15E+07	.39	.169	4.27E+06	1.02	.034	227
51	107	LOUDOUN	VA	1.08E+08	.24	.571	3.29E+07	.44	.137	4.80E+07	.42	.193	2.45E+07	.91	.098	206
51	109	LOUISA	VA	4.17E+07	.26	.586	4.55E+06	.35	.100	2.01E+07	.38	.213	9.59E+06	.93	.101	197
51	111	LUNENBERG	VA	2.39E+07	.16	.684	4.45E+06	.27	.095	7.03E+06	.36	.152	3.13E+06	.97	.068	210
51	113	MADISON	VA	6.87E+07	.31	.571	1.23E+07	.49	.144	2.41E+07	.45	.151	2.12E+07	1.07	.133	219
51	115	MATHEWS	VA	1.30E+06	.15	.732	3.50E+06	.37	.088	3.81E+05	.46	.167	2.88E+04	.67	.013	199
51	117	MECKLENBURG	VA	5.40E+07	.17	.733	8.50E+06	.24	.090	1.15E+07	.33	.118	5.74E+06	.93	.058	238
51	119	MIDDLESEX	VA	4.25E+06	.51	.481	1.27E+07	.41	.246	1.28E+06	.60	.109	1.94E+06	.93	.165	221
51	121	MONTGOMERY	VA	5.77E+07	.20	.562	2.28E+06	.40	.144	2.09E+07	.43	.160	1.75E+07	.95	.134	228
51	123	NANSEMOND	VA	1.60E+07	.27	.713	3.98E+07	.45	.189	5.49E+05	.28	.019	2.38E+06	.96	.080	192
51	125	NELSON	VA	2.97E+07	.20	.686	1.84E+06	.37	.059	1.33E+07	.41	.234	1.18E+06	.89	.021	240
51	127	NEW KENT	VA	4.44E+06	.10	.740	7.50E+06	.37	.078	1.16E+06	.36	.145	2.93E+05	1.06	.037	203
51	131	NORTHAMPTON	VA	2.62E+06	.22	.[illegible]	7.00E+06	.21	.066	1.75E+05	.38	.046				224
51	133	NORTHUMBERLA	VA	2.97E+06	.20	.627	2.80E+07	.41	.114	7.39E+05	.40	.119	8.66E+05	.67	.139	240
51	135	[illegible]ITOWAY	VA	2.38E+07	.20	.559	5.20E+06	.28	.176	7.61E+06	.42	.135	7.29E+06	.93	.130	232
51	137	ORANGE	VA	6.31E+07	.33	.599	9.82E+06	.40	.129	2.08E+07	.41	.151	1.64E+07	.92	.120	219
51	139	PAGE	VA	4.14E+07	.32	.628	6.01E+06	.40	.119	1.38E+07	.41	.160	7.87E+06	.90	.092	201
51	141	PATRICK	VA	3.37E+07	.19	.614	3.89E+06	.38	.127	1.28E+07	.43	.175	6.11E+06	.89	.084	193
51	143	PITTSYLVANIA	VA	7.66E+07	.17	.665	1.11E+07	.23	.109	2.16E+07	.34	.141	1.31E+07	.82	.085	204
51	145	POWHATAN	VA	1.72E+07	.25	.440	2.50E+06	.30	.180	9.26E+06	.42	.178	1.06E+07	.83	.202	206
51	147	PRINCE EDWAR	VA	2.97E+07	.20	.520	6.13E+06	.37	.191	1.33E+07	.43	.175	8.69E+06	1.00	.115	213
51	149	PRINCE GEORG	VA	9.27E+06	.15	.656	1.24E+07	.36	.124	2.10E+06	.38	.112	2.03E+06	.92	.108	205
51	153	PRINCE WILLI	VA	2.26E+07	.22	.519	4.27E+06	.36	.138	1.38E+07	.37	.239	5.98E+06	.75	.103	226
51	155	PULASKI	VA	5.67E+07	.29	.599	1.96E+06	.47	.134	1.68E+07	.46	.139	1.54E+07	.96	.127	202
51	157	RAPPAHANNOCK	VA	2.82E+07	.17	.630	2.24E+06	.34	.057	1.61E+07	.45	.276	2.13E+06	.78	.037	193
51	159	RICHMOND	VA	3.63E+06	.19	.557	2.05E+07	.41	.127	1.99E+06	.46	.230	7.45E+05	1.40	.086	201
51	161	ROANOKE	VA	1.43E+07	.17	.608	8.83E+05	.41	.109	6.46E+06	.39	.222	1.85E+06	1.11	.061	215
51	163	ROCKBRIDGE	VA	8.93E+07	.21	.694	4.15E+06	.45	.087	2.66E+07	.41	.160	9.81E+06	.93	.059	189
51	165	ROCKINGHAM	VA	2.26E+08	.40	.551	2.45E+07	.46	.180	6.49E+07	.45	.126	7.34E+07	1.03	.142	200
51	167	RUSSELL	VA	9.91E+07	.20	.707	2.69E+06	.45	.110	2.28E+07	.36	.130	9.00E+06	.89	.052	198
51	169	SCOTT	VA	4.98E+07	.15	.708	2.05E+06	.41	.100	1.67E+07	.35	.179	1.22E+06	.69	.013	192
51	171	SHENANDOAH	VA	8.63E+07	.31	.600	1.04E+07	.42	.142	2.76E+07	.40	.154	1.85E+07	.95	.103	216
51	173	SMYTH	VA	7.53E+07	.23	.630	3.62E+06	.47	.119	2.19E+07	.43	.143	1.45E+07	1.09	.108	200
51	175	SOUTHAMPTON	VA	3.01E+07	.22	.808	6.26E+07	.47	.113	2.21E+06	.31	.044	1.69E+06	.86	.034	191
51	177	SPOTSYLVANIA	VA	2.34E+07	.28	.494	7.45E+06	.37	.164	1.22E+07	.39	.193	9.39E+06	.87	.149	234
51	179	STAFFORD	VA	1.05E+07	.23	.599	3.40E+06	.40	.124	4.60E+06	.36	.198	1.84E+06	1.41	.079	214
51	181	SURRY	VA	5.33E+06	.18	.811	2.36E+07	.50	.138	2.23E+05	.28	.025	2.25E+05	.86	.025	212
51	183	SUSSEX	VA	9.06E+06	.11	.846	2.46E+07	.44	.067	6.45E+05	.28	.046	5.[illegible]E+05	1.05	.041	234
51	185	TAZEWELL	VA	6.37E+07	.18	.581	2.63E+06	.42	.117	2.47E+07	.45	.189	1.48E+07	.97	.113	211
51	187	WARREN	VA	2.68E+07	.24	.737	1.43E+06	.35	.067	7.09E+06	.36	.152	2.02E+06	.78	.043	191
51	191	WASHINGTON	VA	1.24E+08	.24	.588	9.13E+06	.47	.169	3.37E+07	.38	.122	3.31E+07	1.08	.120	200
51	193	WESTMORELAND	VA	7.68E+06	.28	.631	2.72E+07	.40	.106	3.01E+06	.52	.188	1.22E+06	1.15	.076	192
51	195	WISE	VA	5.90E+06	.32	.684	1.00E+05	.48	.163	1.13E+06	.31	.098	6.26E+05	.56	.055	215
51	197	WYTHE	VA	1.10E+08	.29	.624	5.95E+06	.40	.137	2.76E+07	.43	.122	2.61E+07	1.01	.116	203
51	199	YORK	VA	2.38E+06	.72	.832	1.69E+05	.16	.050	4.51E+05	.46	.118				194
51	710	NORFOLK CITY	VA	6.29E+06	.37	.459	3.35E+07	.46	.224	1.41E+06	.36	.078	4.30E+06	1.18	.238	236

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUC-TION KG	AREAL YIELD KG/YR/M**2	FRAC.	GRAIN PRODUC-TION KG	GRAIN PRODUC-TIVITY KG/M**2	GRAIN FRAC.	HAY PRODUC-TION KG	HAY AREAL YIELD KG/YR/M**2	HAY FRAC.	SILAGE PRODUC-TION KG	SILAGE PRODUC-TIVITY KG/M**2	SILAGE FRAC.	FROST-FREE DAYS
51	810	VIRGINIA BEA	VA	4.43E+06	.45	.655	2.31E+07	.43	.176	4.75E+05	.42	.053	1.02E+06	1.16	.115	246
53	0		WA	1.60E+09	.05	.371	4.82E+08	.26	.228	1.98E+09	.66	.354	2.67E+08	1.34	.048	
53	1	ADAMS	WA	4.86E+07	.04	.397	3.70E+07	.22	.108	6.68E+07	1.04	.430	9.95E+06	1.39	.064	247
53	3	ASOTIN	WA	3.37E+07	.04	.819	5.11E+06	.20	.085	5.21E+06	.34	.095				188
53	5	BENTON	WA	7.31E+07	.07	.517	1.22E+07	.18	.130	5.67E+07	1.05	.309	7.95E+06	1.44	.043	191
53	7	CHELAN	WA	6.37E+06	.05	.587	1.65E+05	.12	.076	4.79E+06	.40	.337	5.44E+03	1.34	.001	185
53	9	CLALLAM	WA	1.92E+07	.41	.446	4.14E+05	.22	.146	2.28E+07	.56	.406	5.55E+04	.20	.001	173
53	11	CLARK	WA	6.29E+07	.34	.455	3.54E+06	.31	.210	4.37E+07	.48	.243	1.65E+07	1.21	.091	301
53	13	COLUMBIA	WA	2.14E+07	.04	.726	1.30E+07	.35	.057	8.26E+06	.54	.213	1.36E+05	1.12	.004	263
53	15	COWLITZ	WA	1.71E+07	.22	.511	1.14E+05	.15	.172	8.14E+06	.38	.190	5.44E+06	1.27	.127	197
53	17	DOUGLAS	WA	3.10E+07	.02	.601	1.62E+07	.16	.129	1.84E+07	.84	.269				219
53	19	FERRY	WA	3.09E+07	.01	.620	7.57E+05	.19	.054	2.12E+07	.44	.321	2.72E+05	1.29	.004	139
53	21	FRANKLIN	WA				2.10E+07	.30	.096	2.88E+08	1.26	.863	1.38E+07	1.52	.041	186
53	23	GARFIELD	WA	3.54E+07	.06	.833	1.69E+07	.28	.060	6.05E+06	.46	.107				191
53	25	GRANT	WA				4.09E+07	.35	.291	3.42E+08	1.11	.623	4.67E+07	1.51	.085	192
53	27	GRAYS HARBOR	WA	3.82E+07	.43	.469	1.51E+05	.21	.257	2.54E+07	.51	.235	4.18E+06	1.20	.038	142
53	29	ISLAND	WA	1.20E+07	.47	.399	3.64E+05	.31	.191	1.51E+07	.57	.379	1.24E+06	1.38	.031	283
53	31	JEFFERSON	WA	9.90E+06	.38	.656	1.72E+04	.32	.146	3.95E+06	.40	.197				246
53	33	KING	WA	9.65E+07	.86	.586	3.59E+03	.20	.285	2.18E+07	.52	.100	6.31E+06	.87	.029	292
53	35	KITSAP	WA	6.46E+06	.44	.730			.123	1.69E+06	.34	.146				201
53	37	KITTITAS	WA	6.74E+07	.04	.385	3.87E+06	.28	.171	9.62E+07	.73	.421	5.11E+06	1.06	.022	256
53	39	KLICKITAT	WA	6.59E+07	.03	.542	6.74E+06	.19	.079	5.10E+07	.38	.335	3.66E+06	1.15	.024	147
53	41	LEWIS	WA	7.00E+07	.30	.483	2.17E+06	.25	.193	5.68E+07	.45	.300	4.54E+06	1.23	.024	166
53	43	LINCOLN	WA	7.94E+07	.03	.661	7.03E+07	.25	.055	4.49E+07	.52	.284				194
53	45	MASON	WA	5.43E+06	.14	.[illegible]	2.57E+03	.37	.124	3.10E+06	.40	.262				186
53	47	OKANOGAN	WA	1.24E+08	.03	.603	2.02E+06	.14	.078	8.40E+07	.50	.313	1.39E+06	.93	.006	222
53	49	PACIFIC	WA	1.73E+07	.26	.623	1.83E+04	.40	.162	7.97E+06	.36	.215				173
53	51	PEND OREILLE	WA	8.48E+06	.06	.333	7.[illegible]E+05	.23	.085	1.95E+07	.32	.581	6.81E+03	.34		263
53	53	PIERCE	WA	8.04E+07	.66	.629	3.51E+05	.30	.259	1.76E+07	.46	.103	1.55E+06	1.08	.009	144
53	55	SAN JUAN	WA	1.01E+07	.25	.601	3.62E+05	.22	.067	6.93E+06	.44	.332				244
53	57	SKAGIT	WA	8.39E+07	.64	.464	2.22E+06	.32	.259	4.40E+07	.55	.183	2.25E+07	1.46	.094	252
53	59	SKAMANIA	WA	2.64E+06	.12	.690			.065	1.22E+06	.35	.244				231
53	61	SNOHOMISH	WA	1.13E+08	.85	.535	1.81E+05	.32	.257	4.54E+07	.59	.162	1.28E+07	1.36	.046	186
53	63	SPOKANE	WA	6.00E+07	.06	.407	4.20E+07	.24	.135	8.83E+07	.37	.457	1.27E+05	.36	.001	202
53	65	STEVENS	WA	6.85E+07	.04	.425	9.22E+06	.20	.133	9.27E+07	.43	.437	1.14E+06	.92	.005	173
53	67	THURSTON	WA	5.30E+07	.39	.578	2.06E+05	.23	.237	1.83E+07	.43	.151	4.01E+06	1.39	.033	148
53	69	WAHKIAKUM	WA	1.81E+07	.57	.581			.207	6.33E+06	.45	.152	2.50E+06	1.17	.060	207
53	71	WALLA WALLA	WA	2.27E+05			3.65E+07	.30	.550	7.38E+07	.99	.433	2.97E+06	1.24	.017	250
53	73	WHATCOM	WA	1.41E+08	.70	.415	1.03E+06	.25	.274	1.11E+08	.59	.246	2.91E+07	1.15	.064	200
53	75	WHITMAN	WA	8.17E+07	.07	.636	1.15E+08	.30	.111	4.10E+07	.50	.253	4.08E+04	.51		233
53	77	YAKIMA	WA	1.04E+08	.02	.241	2.03E+07	.40	.434	1.05E+08	.85	.205	6.16E+07	1.48	.120	186
54	0		WV	1.04E+09	.13	.559	7.82E+07	.40	.114	5.92E+08	.39	.259	1.55E+08	.95	.067	
54	1	BARBOUR	WV	2.76E+07	.14	.585	2.98E+05	.38	.078	1.94E+07	.36	.316	1.27E+06	.99	.021	149
54	3	BERKELEY	WV	3.02E+07	.21	.474	9.04E+06	.36	.190	1.73E+07	.41	.206	1.09E+07	.87	.129	190
54	5	BOONE	WV	6.82E+05	.11	.689			.066	3.06E+05	.53	.244				196
54	7	BRAXTON	WV	1.72E+07	.10	.583	2.93E+05	.39	.065	1.18E+07	.40	.325	9.56E+05	1.42	.026	191

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	ESTIMATES FOR PASTURE			GRAIN			HAY			SILAGE			FROST-FREE DAYS
				PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	PRODUCTION KG	AREAL YIELD KG/YR/M**2	FRAC.	PRODUCTION KG	PRODUCTIVITY KG/M**2	FRAC.	
54	9	BROOKE	WV	2.21E+0[illegible]	.11	.261	8.02E+05	.41	.182	4.79E+06	.34	.479	7.76E+05	1.21	.077	190
54	11	CABELL	WV	1.12E+07	.10	.724	5.48E+05	.46	.080	3.42E+06	.32	.167	5.89E+05	.89	.028	184
54	13	CALHOUN	WV	7.18E+06	.06	.581			.077	5.60E+06	.33	.342				192
54	15	CLAY	WV	2.62E+06	.08	.631			.065	1.67E+06	.44	.304				190
54	17	DOBBRIDGE	WV	1.02E+07	.08	.608	1.14E+05	.32	.075	6.47E+06	.35	.315	2.76E+04	.10	.001	191
54	19	FAYETTE	WV	9.56E+06	.18	.633	1.72E+05	.31	.105	4.81E+06	.34	.246	3.06E+05	.29	.016	190
54	21	GILMER	WV	1.22E+07	.09	.621	4.52E+05	.37	.075	7.33E+06	.33	.301	6.47E+04	.34	.003	191
54	23	GRANT	WV	3.36E+07	.11	.605	1.49E+06	.47	.076	1.60E+07	.40	.256	3.95E+04	.92	.063	190
54	25	GREENBRIER	WV	8.18E+07	.18	.591	2.55E+06	.46	.116	3.35E+07	.47	.195	1.70E+07	1.17	.098	187
54	27	HAMPSHIRE	WV	3.76E+07	.15	.640	2.91E+06	.40	.071	1.68E+07	.38	.227	4.60E+06	.82	.062	194
54	29	HANCOCK	WV	9.53E+05	.08	.425	2.73E+05	.31	.117	1.25E+06	.40	.437	6.03E+04	.87	.021	199
54	31	HARDY	WV	5.20E+07	.18	.626	7.58E+06	.52	.092	1.62E+07	.42	.169	1.08E+07	1.03	.113	185
54	33	HARRISON	WV	3.07E+07	.12	.570	2.10E+05	.39	.114	1.99E+07	.38	.283	2.26E+04	.85	.032	192
54	35	JACKSON	WV	2.96E+07	.10	.578	1.07E+06	.39	.097	1.86E+07	.34	.279	3.08E+06	.86	.046	190
54	37	JEFFERSON	WV	3.97E+07	.25	.445	1.72E+07	.39	.220	2.15E+07	.48	.184	1.78E+07	.92	.152	192
54	39	KANAWHA	WV	5.26E+06	.13	.759	1.01E+05	.39	.062	1.63E+06	.25	.177	1.94E+04	.25	.002	195
54	41	LEWIS	WV	2.66E+07	.11	.534	4.50E+05	.32	.107	1.96E+07	.43	.321	2.32E+06	.99	.038	193
54	43	LINCOLN	WV	3.43E+06	.04	.602	3.27E+05	.27	.116	1.99E+06	.37	.265	1.30E+05	.39	.017	190
54	45	LOGAN	WV	4.22E+05	.10	.446			.253	1.55E+05	.29	.123	2.26E+05	.67	.179	191
54	47	MC DOWELL	WV													191
54	49	MARION	WV	1.55E+07	.18	.659	1.86E+05	.40	.074	7.42E+06	.32	.243	7.49E+05	.70	.025	190
54	51	MARSHALL	WV	1.99E+07	.12	.478	7.16E+05	.36	.164	1.60E+07	.37	.316	2.09E+06	.77	.041	189
54	53	MASON	WV	3.98E+07	.15	.481	6.64E+06	.43	.178	2.23E+07	.45	.203	1.52E+07	1.04	.138	184
54	55	MERCER	WV	1.71E+07	.14	.637	2.83E+05	.37	.085	8.39E+06	.39	.241	1.31E+06	.80	.037	192
54	57	MINERAL	WV	1.77E+07	.12	.549	1.64E+06	.40	.119	1.02E+07	.37	.261	2.76E+06	.70	.070	194
54	59	MINGO	WV	1.15E+05	.34	.822			.096	1.54E+04	.15	.080				187
54	61	MONONGALIA	WV	1.74E+07	.15	.581	2.95E+05	.34	.072	1.20E+07	.37	.326	7.44E+05	1.08	.020	191
54	63	MONROE	WV	6.08E+07	.17	.587	2.75E+06	.43	.113	2.40E+07	.43	.190	1.38E+07	1.07	.109	184
54	65	MORGAN	WV	5.12E+06	.19	.560	8.78E+05	.27	.123	3.23E+06	.38	.266	6.14E+05	.53	.050	193
54	67	NICHOLAS	WV	1.47E+07	.23	.592	4.57E+05	.37	.077	8.37E+06	.38	.260	2.27E+06	.96	.070	189
54	69	OHIO	WV	7.37E+06	.19	.384	1.13E+06	.38	.232	6.11E+06	.41	.324	1.49E+06	.73	.059	190
54	71	PENDLETON	WV	5.75E+07	.11	.558	2.75E+06	.45	.090	2.97E+07	.45	.298	5.26E+06	1.02	.053	184
54	73	PLEASANTS	WV	3.67E+06	.15	.618	2.45E+05	.42	.072	2.14E+06	.34	.273	2.93E+05	1.16	.037	190
54	75	POCAHONTAS	WV	4.17E+07	.12	.570	1.25E+06	.39	.066	2.10E+07	.45	.298	4.66E+06	1.03	.066	190
54	77	PRESTON	WV	3.74E+07	.17	.448	3.58E+06	.32	.171	3.17E+07	.43	.295	9.24E+06	.95	.086	195
54	79	PUTNAM	WV	1.45E+07	.13	.664	1.43E+06	.34	.092	7.06E+06	.33	.243	3.13E+05	1.50	.010	185
54	81	RALEIGH	WV	1.07E+07	.25	.606	9.36E+04	.48	.075	5.60E+06	.32	.253	1.47E+06	.92	.067	192
54	83	RANDOLPH	WV	2.81E+07	.09	.505	1.33E+06	.46	.093	1.95E+07	.40	.334	3.92E+06	1.02	.067	190
54	85	RITCHIE	WV	1.66E+07	.09	.577	1.22E+05	.34	.074	1.23E+07	.34	.329	7.33E+05	1.13	.019	190
54	87	ROANE	WV	2.41E+07	.12	.463	3.56E+02	.06	.063	1.29E+07	.34	.273				190
54	89	SUMMERS	WV	1.54E+07	.15	.630	3.18E+05	.41	.083	7.37E+06	.36	.232	1.75E+06	.85	.055	192
54	91	TAYLOR	WV	1.69E+07	.16	.598	3.18E+05	.43	.098	1.06E+07	.38	.286	6.36E+05	.75	.017	193
54	93	TUCKER	WV	8.41E+06	.11	.491	5.70E+05	.41	.096	7.63E+06	.42	.365	1.01E+06	.90	.048	189
54	95	TYLER	WV	1.08E+07	.10	.488	9.92E+05	.43	.115	1.08E+07	.41	.376	6.36E+05	.85	.022	184
54	97	UPSHUR	WV	1.56E+07	.10	.528	1.75E+05	.44	.085	1.25E+07	.36	.337	1.87E+06	1.09	.050	189
54	99	WAYNE	WV	8.45E+06	.16	.686	6.56E+05	.38	.119	2.41E+06	.37	.146	7.96E+05	.68	.049	190
54	101	WEBSTER	WV	1.70E+06	.11	.319	3.18E+04	.31	.105	1.49E+06	.37	.368	3.01E+04	.81	.007	193
54	103	WETZEL	WV	8.45E+06	.10	.582	1.33E+05	.23	.085	5.51E+06	.29	.314	3.34E+05	.42	.019	190
54	105	WIRT	WV	1.12E+07	.15	.558	2.58E+05	.43	.087	8.89E+06	.45	.339	4.09E+05	.70	.016	185
54	107	WOOD	WV	2.03E+07	.12	.545	1.67E+06	.45	.136	1.26E+07	.34	.259	2.93E+06	.88	.060	171
54	109	WYOMING	WV	1.32E+06	.25	.753			.076	3.87E+05	.28	.171				196

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/HA#2	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/HA#2	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/HA#2	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/HA#2	SILAGE FRAC.	FROST-FREE DAYS
55	0		WI	4.81E+09	.26	.245	3.93E+09	.34	.276	9.23E+09	.55	.337	3.14E+09	.64	.121	
55	1	ADAMS	WI	1.24E+07	.12	.243	1.93E+07	.32	.202	3.24E+07	.50	.479	5.11E+06	.56	.076	170
55	3	ASHLAND	WI	8.46E+06	.09	.179	2.09E+06	.18	.242	3.39E+07	.42	.542	3.25E+06	.73	.036	167
55	5	BARRON	WI	1.15E+08	.22	.251	4.25E+07	.24	.282	2.15E+08	.49	.354	6.97E+07	.53	.113	127
55	7	BAYFIELD	WI	1.11E+07	.08	.168	2.61E+06	.18	.240	4.82E+07	.40	.567	2.16E+06	.57	.025	152
55	9	BROWN	WI	5.57E+07	.41	.147	4.97E+07	.28	.300	1.92E+08	.56	.384	8.45E+07	.60	.169	119
55	11	BUFFALO	WI	1.04E+08	.23	.302	5.71E+07	.34	.250	1.67E+08	.56	.356	4.15E+07	.74	.089	142
55	13	BURNETT	WI	2.14E+07	.16	.254	5.44E+06	.20	.251	4.09E+07	.45	.369	1.40E+07	.51	.127	141
55	15	CALUMET	WI	5.41E+07	.48	.124	4.31E+07	.32	.302	1.52E+08	.63	.417	5.70E+07	.65	.156	144
55	17	CHIPPEWA	WI	1.43E+08	.23	.299	4.58E+07	.23	.284	1.93E+08	.49	.306	7.04E+07	.48	.111	170
55	19	CLARK	WI	2.00E+08	.31	.323	5.92E+07	.25	.294	2.14E+08	.45	.240	1.0 E+08	.50	.123	154
55	21	COLUMBIA	WI	9.07E+07	.34	.239	1.38E+08	.39	.275	1.59E+08	.63	.337	7. 3E+07	.74	.149	165
55	23	CRAWFORD	WI	6.92E+07	.14	.291	4.78E+07	.39	.245	1.22E+08	.57	.390	1 31E+07	.93	.074	174
55	25	DANE	WI	1.40E+08	.39	.206	2.35E+08	.41	.291	3.38E+08	.63	.353	.48E+08	.79	.147	173
55	27	DODGE	WI	1.47E+08	.64	.223	1.63E+08	.39	.288	2.73E+08	.68	.314	. 92E+08	.76	.175	175
55	29	DOOR	WI	2.58E+07	.24	.164	2.73E+07	.25	.286	9.00E+07	.48	.431	2.48E+07	.69	.119	177
55	31	DOUGLAS	WI	9.84E+06	.08	.217	4.07E+05	.15	.175	3.46E+07	.38	.404	1.91E+05	.26	.003	154
55	33	DUNN	WI	1.35E+08	.27	.306	6.94E+07	.26	.266	1.99E+08	.53	.342	5.02E+07	.53	.086	121
55	35	EAU CLAIRE	WI	7.11E+07	.32	.311	3.99E+07	.27	.264	1.05E+08	.49	.348	2.34E+07	.59	.077	162
55	37	FLORENCE	WI	2.52E+06	.07	.171	7.90E+05	.21	.216	1.06E+07	.43	.540	1.44E+06	.64	.073	161
55	39	FOND DU LAC	WI	1.02E+08	.56	.201	1.31E+08	.36	.293	2.34E+08	.66	.351	1.04E+08	.67	.156	153
55	41	FOREST	WI	6.82E+06	.11	.208	1.07E+06	.18	.208	1.50E+07	.44	.475	8.92E+05	.71	.028	175
55	43	GRANT	WI	2.83E+08	.27	.356	2.30E+08	.45	.243	3.48E+08	.66	.331	7.24E+07	.94	.069	154
55	45	GREEN	WI	1.18E+08	.36	.227	8.69E+07	.32	.294	2.53E+08	.61	.370	7.45E+07	.66	.109	174
55	47	GREEN LAKE	WI	4.25E+07	.39	.247	5.80E+07	.42	.287	7.71E+07	.64	.345	2.71E+07	.72	.121	165
55	49	IOWA	WI	1.40E+08	.23	.289	1.07E+08	.43	.262	2.27E+08	.64	.355	6.02E+07	.84	.094	175
55	51	IRON	WI	1.72E+06	.11	.217	5.04E+05	.14	.248	5.11E+06	.36	.484	5.29E+05	.59	.050	171
55	53	JACKSON	WI	5.63E+07	.19	.268	3.69E+07	.31	.261	9.69E+07	.52	.352	3.24E+07	.70	.118	126
55	55	JEFFERSON	WI	6.54E+07	.39	.208	1.00E+08	.39	.275	1.53E+08	.67	.369	6.12E+07	.71	.148	165
55	57	JUNEAU	WI	4.72E+07	.23	.295	3.81E+07	.36	.249	7.34E+07	.56	.346	2.35E+07	.74	.111	175
55	59	KENOSHA	WI	1.78E+07	.42	.195	3.34E+07	.30	.284	3.80E+17	.58	.320	2.38E+07	.61	.201	167
55	61	KEWAUNEE	WI	3.88E+07	.38	.142	3.88E+07	.26	.303	1.46E+08	.54	.400	5.64E+07	.73	.154	187
55	63	LA CROSSE	WI	6.99E+07	.23	.296	4.98E+07	.45	.263	1.09E+08	.62	.349	2.89E+07	.91	.092	162
55	65	LAFAYETTE	WI	1.30E+08	.30	.289	1.64E+08	.45	.266	2.48E+08	.70	.364	5.59E+07	.78	.082	163
55	67	LANGLADE	WI	2.98E+07	.22	.244	1.51E+07	.24	.288	6.23E+07	.50	.386	1.33E+07	.67	.082	169
55	69	LINCOLN	WI	2.98E+07	.16	.258	9.80E+06	.24	.278	5.92E+07	.43	.386	1.19E+07	.63	.078	155
55	71	MANITOWOC	WI	7.50E+07	.36	.171	6.76E+07	.29	.293	2.24E+08	.54	.384	8.92E+07	.71	.153	156
55	73	MARATHON	WI	2.09E+08	.25	.274	7.11E+07	.25	.298	3.15E+08	.45	.310	1.20E+08	.57	.118	170
55	75	MARINETTE	WI	3.01E+07	.19	.206	2.37E+07	.32	.270	7.42E+07	.50	.382	2.75E+07	.72	.142	165
55	77	MARQUETTE	WI	1.48E+07	.12	.153	3.04E+07	.34	.248	5.66E+07	.51	.470	1.54E+07	.61	.128	153
55	79	MILWAUKEE	WI				1.80E+06	.19	.256	5.97E+06	.49	.594	1.51E+06	.59	.150	169
55	81	MONROE	WI	1.09E+08	.20	.276	5.99E+07	.37	.275	1.89E+08	.53	.361	4.62E+07	.76	.088	188
55	83	OCONTO	WI	5.06E+07	.26	.177	5.23E+07	.36	.290	1.46E+08	.57	.383	5.70E+07	.68	.150	169
55	85	ONEIDA	WI	1.43E+06	.10	.214	1.93E+06	.13	.186	5 01E+06	.36	.563	3.30E+05	.57	.037	156
55	87	OUTAGAMIE	WI	7.38E+07	.55	.160	7.90E+07	.34	.296	2.06E+08	.59	.337	1.27E+08	.63	.267	154
55	89	OZAUKEE	WI	1.11E+07	.29	.104	2.44E+07	.30	.296	6.31E+07	.60	.450	2.11E+07	.71	.151	166
55	91	PEPIN	WI	3.30E+07	.26	.283	2.20E+07	.28	.267	5.54E+07	.56	.361	1.37E+07	.69	.089	180
55	93	PIERCE	WI	1.04E+08	.31	.308	7.23E+07	.29	.246	1.54E+08	.60	.345	4.49E+07	.61	.100	162
55	95	POLK	WI	1.16E+08	.22	.288	4.24E+07	.24	.251	1.78E+08	.51	.334	6.65E+07	.52	.125	162
55	97	PORTAGE	WI	4.32E+07	.16	.222	3.69E+07	.29	.274	9.59E+07	.43	.373	3.34E+07	.57	.130	149
55	99	PRICE	WI	3.09E+07	.16	.326	4.19E+06	.21	.285	4.49E+07	.39	.355	4.28E+06	.55	.034	166
55	101	RACINE	WI	1.30E+07	.25	.134	4.01E+07	.27	.297	4.47E+07	.62	.363	2.53E+07	.62	.205	148
55	103	RICHLAND	WI	8.94E+07	.16	.286	4.88E+07	.40	.249	1.41E+08	.55	.391	3.00E+07	.80	.073	187
55	105	ROCK	WI	8.10E+07	.42	.227	1.84E+08	.39	.285	1.56E+08	.66	.340	6.79E+07	.71	.148	173
55	107	RUSK	WI	5.89E+07	.19	.325	1.22E+07	.22	.282	7.64E+07	.43	.317	1.83E+07	.51	.076	169

APPENDIX C (CONTINUED)

IS	IC	COUNTY NAME	ST	-ESTIMATES FOR PASTURE- PRODUCTION KG	AREAL YIELD KG/YR/M882	FRAC.	GRAIN PRODUCTION KG	GRAIN PRODUCTIVITY KG/M882	GRAIN FRAC.	HAY PRODUCTION KG	HAY AREAL YIELD KG/YR/M882	HAY FRAC.	SILAGE PRODUCTION KG	SILAGE PRODUCTIVITY KG/M882	SILAGE FRAC.	FROST-FREE DAYS
55	109	ST CROIX	WI	1.27E+08	.33	.304	7.03E+07	.25	.255	1.70E+08	.50	.323	6.48E+07	.53	.118	150
55	111	SAUK	WI	9.82E+07	.20	.223	1.10E+08	.42	.267	2.30E+08	.63	.396	6.64E+07	.87	.115	160
55	113	SAWYER	WI	1.30E+07	.13	.346	2.64E+06	.21	.228	1.75E+07	.37	.355	3.51E+06	.58	.071	166
55	115	SHAWANO	WI	8.38E+07	.28	.184	6.32E+07	.34	.298	2.22E+08	.57	.371	8.56E+07	.71	.145	147
55	117	SHEBOYGAN	WI	5.29E+07	.55	.160	6.09E+07	.32	.287	1.75E+08	.61	.402	6.61E+07	.74	.151	161
55	119	TAYLOR	WI	7.96E+07	.21	.299	1.75E+07	.20	.276	1.22E+08	.44	.343	2.15E+07	.49	.061	175
55	121	TREMPEALEAU	WI	1.34E+08	.27	.319	6.78E+07	.32	.251	1.82E+08	.53	.329	5.59E+07	.69	.101	163
55	123	VERNON	WI	1.42E+08	.21	.288	7.22E+07	.41	.267	2.36E+08	.55	.365	5.17E+07	.93	.079	161
55	125	VILAS	WI	2.04E+05	.02	.116	2.64E+05	.14	.088	1.80E+04	.37	.784	2.45E+04	1.21	.010	169
55	127	WALWORTH	WI	5.68E+07	.37	.213	1.17E+08	.39	.279	1.12E+08	.66	.321	6.51E+07	.68	.188	154
55	129	WASHBURN	WI	2.63E+07	.14	.322	5.33E+06	.21	.212	4.12E+07	.45	.382	9.00E+06	.49	.083	174
55	131	WASHINGTON	WI	2.67E+07	.32	.119	4.96E+07	.34	.295	1.22E+08	.63	.418	4.91E+07	.73	.168	142
55	133	WAUKESHA	WI	1.63E+07	.17	.111	4.94E+07	.36	.285	7.98E+07	.58	.426	3.32E+07	.72	.177	179
55	135	WAUPACA	WI	5.20E+07	.25	.165	5.02E+07	.31	.287	1.64E+08	.54	.388	6.78E+07	.63	.160	179
55	137	WAUSHARA	WI	2.07E+07	.14	.160	3.75E+07	.34	.283	7.47E+07	.52	.442	1.96E+07	.51	.115	170
55	139	WINNEBAGO	WI	4.21E+07	.45	.178	6.27E+07	.34	.289	1.24E+08	.62	.402	4.10E+07	.59	.132	167
55	141	WOOD	WI	7.97E+07	.28	.301	3.05E+07	.28	.271	1.06E+08	.45	.302	4.44E+07	.56	.126	171
56	0		WY	4.19E+09	.03	.663	1.34E+08	.24	.072	1.56E+09	.37	.232	2.18E+08	.95	.032	
56	1	ALBANY	WY	1.60E+08	.03	.706	2.89E+04	.04	.049	7.20E+07	.23	.245				166
56	3	BIG HORN	WY	1.38E+08	.09	.435	1.68E+07	.29	.074	8.55E+07	.63	.327	3.76E+07	1.03	.144	137
56	5	CAMPBELL	WY	3.38E+08	.03	.879	3.93E+06	.11	.050	2.75E+07	.21	.070	2.66E+05	.46	.001	127
56	7	CARBON	WY	3.34E+08	.03	.686	1.13E+06	.20	.050	1.31E+08	.34	.262	1.45E+06	.96	.003	133
56	9	CONVERSE	WY	2.52E+08	.03	.765	2.20E+06	.13	.053	5.34E+07	.40	.169	4.14E+06	.74	.013	129
56	11	CROOK	WY	2.06E+08	.04	.748	3.22E+06	.12	.055	6.06E+07	.23	.193	1.38E+06	.42	.004	134
56	13	FREMONT	WY	2.31E+08	.03	.576	1.34E+07	.29	.070	1.41E+08	.50	.306	2.20E+07	.86	.048	142
56	15	GOSHEN	WY	1.93E+08	.05	.562	2.90E+07	.33	.116	9.98E+07	.54	.229	4.05E+07	1.01	.093	128
56	17	HOT SPRINGS	WY	9.21E+07	2.94	.757	1.40E+06	.24	.048	2.89E+07	.41	.188	1.07E+06	.71	.007	135
56	19	JOHNSON	WY	2.47E+08	.03	.757	1.76E+06	.15	.049	5.66E+07	.44	.194				127
56	21	LARAMIE	WY	1.86E+08	.03	.703	1.14E+07	.17	.071	5.32E+07	.30	.170	1.7.E+07	.84	.055	126
56	23	LINCOLN	WY	1.09E+08	.06	.422	9.48E+06	.21	.101	1.10E+08	.37	.478				134
56	25	NATRONA	WY	2.83E+08	.03	.806	1.39E+06	.19	.048	3.69E+07	.42	.126	5.36E+06	.88	.018	156
56	27	NIOBRARA	WY	1.73E+08	.03	.767	2.86E+06	.11	.078	3.21E+07	.29	.123	8.36E+06	1.10	.032	129
56	29	PARK	WY	1.76E+08	.04	.578	2.47E+07	.35	.051	1.02E+08	.58	.305	2.19E+07	1.02	.065	137
56	31	PLATTE	WY	1.99E+08	.04	.676	1.05E+07	.22	.084	6.09E+07	.41	.161	2.94E+07	.88	.078	128
56	33	SHERIDAN	WY	2.46E+08	.04	.694	5.20E+06	.17	.058	1.02E+08	.45	.232	6.80E+06	1.13	.016	137
56	35	SUBLETTE	WY	1.61E+08	.08	.567	9.17E+04	.21	.049	1.44E+08	.28	.385				124
56	37	SWEETWATER	WY	8.99E+07	2.18	.672	2.27E+05	.12	.049	2.12E+07	.32	.280				147
56	39	TETON	WY	3.11E+07	.29	.503	4.22E+05	.17	.053	3.63E+07	.41	.444				146
56	41	UINTA	WY	1.19E+08	.04	.592	3.91E+05	.19	.063	6.34E+07	.29	.343	2.07E+05	.47	.001	135
56	43	WASHAKIE	WY	1.44E+08	.09	.638	1.15E+07	.33	.083	3.52E+07	.55	.190	1.62E+07	1.00	.088	147
56	45	WESTON	WY	1.54E+08	.03	.893	4.66E+05	.08	.049	1.13E+07	.23	.051	1.52E+06	.51	.007	127
		U.S. TOTAL		2.13E+11	.09		1.12E+11	.31		1.04E+11	.46		3.25E+10	.66		

APPENDIX D. Livestock, Inventory and Sales

Appendix D lists livestock inventory or sales, and estimates for the dressed weight of chicken. In order to obtain estimates of the quantities of beef, chicken, eggs, lamb, milk, pork, or turkey (kg/yr) produced in these counties, refer to Table 16. As in Appendices B and C, sums of items for all counties may be less than state totals because of disclosure protocols used in the census. The statistics "Milk cows on farms with 1-2" and "Beef cows on farms with 1-4" may be compared with the respective totals to estimate the relative importance of local production and consumption, e.g., the maximally exposed individuals in a county.

APPENDIX D LIVESTOCK, INVENTORY AND SALES.

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
1	0		AL	2204135	83256	5037	1083693	7924	94665	81	978340	1326	13494	4.40E+08	1.32E+07
1	1	AUTAUGA	AL	23306	242	24	12544	34	312		32173	186		3.90E+05	1.41E+03
1	3	BALDWIN	AL	30886	3075	99	22440	194	3699		13110	52	60	2.00E+05	1.21E+05
1	5	BARBOUR	AL	38715	418	51	20198	67	413		13639		12	1.00E+06	5.54E+04
1	7	BIBB	AL	14256	229	21	7118	60	166		2203			1.00E+06	6.97E+03
1	9	BLOUNT	AL	45209	2826	119	21767	200	581		23401	2		2.00E+07	1.74E+06
1	11	BULLOCK	AL	34182	214	14	19356	7	259		3196	1		2.10E+05	
1	13	BUTLER	AL	27392	682	67	13498	85	513		11811	9		6.00E+06	9.39E+04
1	15	CALHOUN	AL	25637	1421	65	11212	185	530		1441			8.20E+06	1.38E+05
1	17	CHAMBERS	AL	28479	866	27	13589	37	368		2162			9.50E+05	2.00E+05
1	19	CHEROKEE	AL	20607	694	99	9873	90	995		13577			3.30E+06	5.80E+05
1	21	CHILTON	AL	29056	390	104	15621	168	134		8540			2.60E+03	4.33E+03
1	23	CHOCTAW	AL	16644	301	45	8094	48	267		1853			8.70E+05	1.92E+03
1	25	CLARKE	AL	16702	120	40	9516	54	572		2744	50		1.80E+02	2.78E+03
1	27	CLAY	AL	19069	1261	47	9542	73	18		4143			6.70E+06	3.22E+05
1	29	CLEBURNE	AL	11127	307	24	5966	44	68		2369			1.10E+07	1.55E+05
1	31	COFFEE	AL	31641	1443	61	12612	129	1000		33768			1.80E+07	8.70E+04
1	33	COLBERT	AL	29037	544	44	13599	111	1628		13377			4.90E+06	3.22E+03
1	35	CONECUH	AL	26050	812	74	12805	23	809		12007			9.20E+03	3.80E+03
1	37	COOSA	AL	12365	45	34	6967	72	254		4202			3.10E+06	
1	39	COVINGTON	AL	42085	431	115	20104	99	780		33303			7.00E+06	7.10E+04
1	41	CRENSHAW	AL	25419	648	63	12322	104	756		23026	50	10	8.70E+06	2.81E+05
1	43	CULLMAN	AL	66806	2885	313	32944	437	721		35842			7.60E+07	1.89E+06
1	45	DALE	AL	22160	181	63	11091	81	672		21828	13		2.50E+06	3.45E+04
1	47	DALLAS	AL	60023	1189	66	32953	125	542		11808			5.60E+04	8.87E+04
1	49	DE KALB	AL	47402	1691	396	24091	424	443		50163	2		5.00E+07	1.63E+06
1	51	ELMORE	AL	41266	3314	61	19875	85	406		3250	13		9.70E+05	2.74E+04
1	53	ESCAMBIA	AL	23131	568	33	9881	75	5491		11752			1.40E+04	1.67E+04
1	55	ETOWAH	AL	30852	2035	113	14518	229	308		7507			1.00E+07	1.96E+05
1	57	FAYETTE	AL	13105	1006	89	6031	81	155		11875			1.80E+04	1.48E+04
1	59	FRANKLIN	AL	35623	1398	102	17503	156	507		28.26			1.80E+07	1.35E+05
1	61	GENEVA	AL	47238	689	44	19577	100	13698		30231			6.00E+06	4.06E+04
1	63	GREENE	AL	36511	632	44	18543	32	1262		3346	31	8	1.00E+02	
1	65	HALE	AL	41047	4044	51	19386	80	442		3372	35		3.20E+03	6.23E+03
1	67	HENRY	AL	23161	675	26	12489	41	181		46280				
1	69	HOUSTON	AL	48548	837	45	24380	89	4299		44995		90	3.70E+05	
1	71	JACKSON	AL	39480	874	225	19127	165	1340		28102			6.30E+06	1.33E+05
1	73	JEFFERSON	AL	14470	1922	23	6181	99	241		3197			2.30E+06	6.49E+05
1	75	LAMAR	AL	12261	904	72	5995	116	10		8626			5.50E+05	1.71E+03
1	77	LAUDERDALE	AL	49006	1743	126	23313	232	807		28810			1.40E+06	7.75E+03
1	79	LAWRENCE	AL	30584	955	123	25412	164	434		18976			1.90E+07	5.11E+05
1	81	LEE	AL	19837	517	25	11216	87	63		5981	10		1.00E+04	
1	83	LIMESTONE	AL	39149	2822	49	18599	208	232		15337	100		2.60E+05	1.46E+05
1	85	LOWNDES	AL	71193	456	13	31997	67	31469		7006			1.70E+06	
1	87	MACON	AL	30808	607	48	16375	117			3862	26		8.80E+05	
1	89	MADISON	AL	54755	2344	82	27974	239	456		29210	20			1.98E+05
1	91	MARENGO	AL	38352	1815	69	31049	136			3338	10		1.60E+02	3.32E+03
1	93	MARION	AL	25626	831	141	10078	119	61		12952			3.60E+06	1.05E+04
1	95	MARSHALL	AL	42189	1143	221	20768	325	910		37736	21		3.70E+07	6.45E+05
1	97	MOBILE	AL	30285	2515	88	13672	137	1375		12104	111		2.10E+05	1.51E+05
1	99	MONROE	AL	27590	368	81	13479	85	555		17214			2.00E+02	3.70E+03
1	101	MONTGOMERY	AL	88975	6017	20	45904	106	1359		6213	39		7.50E+05	
1	103	MORGAN	AL	46615	1618	155	22542	230			20249	30		1.40E+07	3.38E+05

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
1	105	PERRY	AL	35932	3620	34	15886	52	588		15923	17		1.00E+02	1.14E+03
1	107	PICKENS	AL	25385	1756	84	11180	64	274		12411			1.10E+07	6.54E+04
1	109	PIKE	AL	43308	940	41	23587	113	867		20978			4.10E+06	2.33E+05
1	111	RANDOLPH	AL	25569	623	92	12913	102	187		8456	10		1.40E+07	3.57E+05
1	113	RUSSELL	AL	17718	587	16	9160	21	172		4585			1.10E+02	
1	115	ST CLAIR	AL	26484	1162	54	12133	113	265		3935	18		8.70E+06	1.25E+05
1	117	SHELBY	AL	24993	3107	18	9117	72	847		8500	25		4.30E+06	2.93E+05
1	119	SUMTER	AL	45227	220	42	21552	98	366		1069			1.20E+00	
1	121	TALLADEGA	AL	30869	1371	31	15415	98	881		6749	26		4.30E+06	3.59E+04
1	123	TALLAPOOSA	AL	16022	365	65	8253	60	74		1368		120	1.00E+06	1.19E+05
1	125	TUSCALOOSA	AL	25003	1093	63	12337	131	201		9869			1.40E+06	6.54E+04
1	127	WALKER	AL	17195	910	63	7882	139	182		30358	12		1.20E+07	2.52E+05
1	129	WASHINGTON	AL	15634	215	46	8366	52	187		11774	407		4.70E+06	9.18E+04
1	131	WILCOX	AL	35933	387	46	20833	108	507		5031			3.80E+01	3.28E+03
1	133	WINSTON	AL	15971	1334	80	6673	130	32		8001			2.20E+07	2.34E+05
4	0		AZ	1217769	58035	655	351647	586	1052888	48	151287	353871	5105	1.50E+06	7.40E+05
4	1	APACHE	AZ	53926	143	47	34835	18	128		41	85742		2.40E+02	7.36E+02
4	3	COCHISE	AZ	81333	683	85	45593	47	2391		17065	141		7.20E+02	2.81E+03
4	5	COCONINO	AZ	41423	36	9	19723	24	50		14	65285		4.70E+02	1.09E+03
4	7	GILA	AZ	37184	42	29	19720	22			28	31		3.10E+02	3.83E+02
4	9	GRAHAM	AZ	61844	301	59	24181	44			33222	34		9.80E+01	7.19E+02
4	11	GREENLEE	AZ	12384	64	32	7011	25			1714	124		2.00E+02	8.83E+02
4	13	MARICOPA	AZ	300129	50228	161	23825	210	340316	38	28292	72864	75	1.00E+06	2.95E+05
4	15	MOHAVE	AZ	50515	178	17	29373	7	199		493	79		3.70E+00	
4	17	NAVAJO	AZ	49126	410	66	26899	33	32		29493	70809		3.90E+03	1.90E+03
4	19	PIMA	AZ	81826	3901	36	38456	68	29419			46		2.70E+05	
4	21	PINAL	AZ	222965	1076	35	21465	14	462358		19186	33416		7.40E+00	
4	23	SANTA CRUZ	AZ	30989	46	23	15977	22	0			83		5.70E+02	4.37E+02
4	25	YAVAPAI	AZ	73192	585	48	40003	38	636		2769	193		4.30E+04	4.50E+04
4	27	YUMA	AZ	120933	342	8	4586	14	181313		1786	25033		1.30E+02	6.97E+02
5	0		AR	1959725	74377	4545	974483	5031	32010	580	543325	2865	8117470	5.80E+08	1.59E+07
5	1	ARKANSAS	AR	10820	21	9	4843	38			3136				1.13E+03
5	3	ASHLEY	AR	12229	147	12	7263	8	140		447			4.80E+05	7.10E+02
5	5	BAXTER	AR	16904	550	75	8390	57	212		5320	14	207831	4.40E+05	1.87E+03
5	7	BENTON	AR	110294	6807	186	50169	303	1726	26	25454	34	1656426	6.20E+07	1.02E+06
5	9	BOONE	AR	53854	2711	190	26000	136	1129	289	16746	13	173192	1.60E+04	1.39E+04
5	11	BRADLEY	AR	8320	102	19	4655	52	56					5.00E+06	2.48E+05
5	13	CALHOUN	AR	7057	47	4	3516	18			809	16		3.20E+05	6.80E+04
5	15	CARROLL	AR	59132	5392	104	26257	101	304		19480	276	1302710	9.50E+06	2.70E+05
5	17	CHICOT	AR	18934	69	13	10316	18	496		1681			2.40E+03	2.83E+03
5	19	CLARK	AR	25104	371	26	13063	28	296		1973			4.50E+05	4.46E+04
5	21	CLAY	AR	16860	344	46	7973	79	1208		14502	17		7.00E+04	8.92E+04
5	23	CLEBURNE	AR	28707	775	121	14199	101	38		2707			1.90E+07	1.56E+05
5	25	CLEVELAND	AR	9498	194	22	5195	21	136		748	4	8	6.50E+06	9.91E+02
5	27	COLUMBIA	AR	21169	709	33	10770	43	56		1569	9		7.40E+06	2.03E+05
5	29	CONWAY	AR	34532	1764	78	17346	48	313		3354		481927	9.90E+06	3.48E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
5	31	CRAIGHEAD	AR	11271	118	50	3053	125	692		8721	17	900		1.05E+05
5	33	CRAWFORD	AR	30171	565	75	15043	106	110		5355	51		1.20E+07	5.06E+04
5	35	CRITTENDEN	AR	3889	9	6	1833	16			648				9.91E+02
5	37	CROSS	AR	12724	50	10	5828	34			1821	81		7.70E+00	7.62E+02
5	39	DALLAS	AR	6725	53	12	3342	14			467			2.00E+05	6.15E+04
5	41	DESHA	AR	10687	42	21	5678	23	2		638				9.09E+02
5	43	DREW	AR	18734	136	41	10886	29	147		2459			6.00E+05	4.33E+03
5	45	FAULKNER	AR	54960	4490	106	27648	144	283		2835	25		1.80E+05	1.14E+05
5	47	FRANKLIN	AR	37849	2925	67	17139	98	330		1733	74	1164156	6.50E+06	
5	49	FULTON	AR	35711	1968	131	17577	80	255		26858	13		6.90E+02	4.50E+03
5	51	GARLAND	AR	11964	616	65	5655	24	76		974	62		3.60E+05	2.53E+05
5	53	GRANT	AR	12038	388	39	6155	51	84		2857			8.90E+05	7.19E+04
5	55	GREENE	AR	13683	435	54	6480	145	202		11139	152		6.10E+02	3.34E+03
5	57	HEMPSTEAD	AR	47606	1059	63	25913	26	2		2971	72		2.10E+07	2.99E+06
5	59	HOT SPRING	AR	17009	678	32	8578	58	162		1213			1.40E+06	2.16E+05
5	61	HOWARD	AR	29733	187	49	15954	27	52		464			3.10E+07	8.40E+04
5	63	INDEPENDENCE	AR	47602	673	99	24224	105	1002		17580	28		6.20E+06	7.58E+05
5	65	IZARD	AR	25924	292	81	14068	67	323		10688			5.30E+06	1.26E+04
5	67	JACKSON	AR	15247	50	26	7808	40	2222		9749			1.50E+05	8.92E+04
5	69	JEFFERSON	AR	16161	79	24	8582	50	87			108		7.70E+05	1.15E+05
5	71	JOHNSON	AR	23665	260	74	12185	81	499		5304	8	224397	6.40E+06	4.81E+04
5	73	LAFAYETTE	AR	27922	380	32	13317	25	1165		3610			5.40E+06	5.02E+02
5	75	LAWRENCE	AR	21358	933	62	11854	64	314		14417	30		8.10E+04	2.50E+03
5	77	LEE	AR	13793	127	45	7111	75	4		1380		10	1.80E+02	2.81E+03
5	79	LINCOLN	AR	16524	323	26	8701	28	173		2349	16		4.00E+06	5.54E+04
5	81	LITTLE RIVER	AR	31749	71	23	15883	34	9		414			2.50E+06	5.80E+02
5	83	LOGAN	AR	47723	3445	87	20151	95	338		1401	172		1.50E+07	7.01E+04
5	85	LONOKE	AR	36250	5140	25	16010	110	3039		5111			6.10E+05	3.82E+05
5	87	MADISON	AR	52380	2773	204	25110	97	265		10899	149	408132	3.20E+07	4.33E+05
5	89	MARION	AR	25774	1152	78	12268	49	451		5029		28	2.20E+02	1.94E+03
5	91	MILLER	AR	35331	1405	41	16767	27	4951		1148			3.50E+06	
5	93	MISSISSIPPI	AR	6449	10	6	2916	19	23		3681				5.06E+03
5	95	MONROE	AR	3173	15	12	1659	20	40		699			4.40E+01	6.15E+02
5	97	MONTGOMERY	AR	18745	173	61	10150	48			3310			7.80E+06	2.18E+05
5	99	NEVADA	AR	27887	398	47	15169	58	38		989	10		9.30E+06	3.19E+05
5	101	NEWTON	AR	19143	876	150	9189	46	10		18105	80		2.90E+02	2.87E+03
5	103	OUACHITA	AR	9056	55	13	4846	31	128		393			5.00E+06	2.74E+05
5	105	PERRY	AR	16869	89	43	9536	36	79		1226			5.40E+06	3.84E+04
5	107	PHILLIPS	AR	16603	104	22	8717	55	276		1395			2.00E+02	1.58E+03
5	109	PIKE	AR	19918	49	32	11090	33	121		622	56		1.70E+07	4.81E+05
5	111	POINSETT	AR	6427	11	8	3466	46	190		3128			1.20E+03	1.99E+03
5	113	POLK	AR	30415	703	83	14701	103	46	9	6272	70		3.50E+07	1.23E+05
5	115	POPE	AR	35463	1054	120	18313	114	297		20795	78	873494	1.80E+07	8.96E+05
5	117	PRAIRIE	AR	10820	1027	15	4867	36	25		2063	5			
5	119	PULASKI	AR	17934	964	35	8483	71	61		2608		10	3.00E+04	
5	121	RANDOLPH	AR	30022	161	84	14325	79	386		42822	216	64	5.40E+04	5.63E+04
5	123	ST FRANCIS	AR	10719	90	22	5656	61			4450	24		1.00E+02	1.41E+03
5	125	SALINE	AR	12954	551	30	6588	71	7		8793	10		6.60E+03	7.66E+03
5	127	SCOTT	AR	28757	669	107	14283	68	175		2130			6.10E+06	2.75E+05
5	129	SEARCY	AR	29579	1011	100	15329	52	240		7946	167		1.50E+01	2.10E+03
5	131	SEBASTIAN	AR	31291	1400	51	15215	55	85		1118	112		2.80E+06	9.52E+04
5	133	SEVIER	AR	35824	137	43	18468	44	542		371			2.20E+07	1.91E+04
5	135	SHARP	AR	23905	293	92	12618	42	92	75	15616	143		4.10E+05	2.10E+03
5	137	STONE	AR	22555	387	139	12834	65	63		7914			1.50E+07	1.83E+03
5	139	UNION	AR	10600	67	28	5671	62	47		1571			4.80E+06	
5	141	VAN BUREN	AR	23416	2068	78	10757	85	338		2867	23	253012	5.30E+06	2.36E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
5	143	WASHINGTON	AR	113552	5476	218	55175	351	1386		25794	406	841867	1.10E+08	2.28E+06
5	145	WHITE	AR	62267	2828	120	30967	188	1374		8765	20		3.10E+06	1.55E+06
5	147	WOODRUFF	AR	7864	24	4	4388	3	109		1482			2.80E+04	4.50E+04
5	149	YELL	AR	51747	862	96	26151	91	404		12693	4		3.50E+07	9.74E+05
6	0		CA	4425359	768848	2485	1036673	6294	1944969	5081	222120	1225793	16415662	1.60E+08	3.96E+07
6	1	ALAMEDA	CA	41077	53	17	17080	54			2424	2688		1.70E+06	2.07E+03
6	3	ALPINE	CA												
6	5	AMADOR	CA	17190	18	3	8516	39	30		182	1165			
6	7	BUTTE	CA	36322	2293	37	16834	170	2759	7	8534	6814		2.80E+05	1.78E+05
6	9	CALAVERAS	CA	25769	46	46	11816	37	12		267	1345			
6	11	COLUSA	CA	16819	601	8	7221	13	150		1241	21536		6.10E+00	6.32E+02
6	13	CONTRA COSTA	CA	56980	1067	17	17931	75	37572			3524		8.10E+02	3.48E+03
6	15	DEL NORTE	CA	6403	2342	6	1831	31			106	91		3.10E+02	3.19E+02
6	17	EL DORADO	CA	12732	174	38	6359	112	413	11	1165	9031	73042	1.50E+05	3.92E+04
6	19	FRESNO	CA	253603	47457	148	45369	459	133374	75	13768	78094	2695783	1.10E+07	6.10E+05
6	21	GLENN	CA	59940	9030	58	16383	121	1543	18	3003	65658		9.40E+04	1.16E+05
6	23	HUMBOLDT	CA	63478	11973	62	24118	139	141	25	557	34586	5	7.50E+03	1.29E+04
6	25	IMPERIAL	CA	353195	1148	18	10912	34	685386	79	1778	171600		8.00E+01	6.62E+02
6	27	INYO	CA	23355	125	8	13905	4	69					3.10E+01	2.53E+02
6	29	KERN	CA	227716	20913	59	45386	116	163817		3443	144145	266566	7.40E+05	2.42E+05
6	31	KINGS	CA	106614	43426	60	9337	151	34683		2106	29118	1170180	1.50E+06	7.84E+04
6	33	LAKE	CA	11082	29	17	5600	58	52		598	4196			
6	35	LASSEN	CA	62399	360	35	33456	50	98		468	3556		4.90E+01	5.54E+03
6	37	LOS ANGELES	CA	53655	14537	45	5681	121	36976	93	6037	17571	1099397	2.70E+06	4.13E+05
6	39	MADERA	CA	124962	13496	46	32132	86	46460	37	1207	12276	2183735	1.80E+06	
6	41	MARIN	CA	39535	15639	6	5957	21			779	7793		1.90E+05	2.46E+03
6	43	MARIPOSA	CA	27144	787	15	10762	51				750	311747		2.08E+02
6	45	MENDOCINO	CA	27058	1177	33	12496	188	1797		1586	38369		8.30E+02	3.07E+03
6	47	MERCED	CA	274203	65249	115	45855	247	55235	735	15609	24270	1716867	8.10E+07	1.45E+06
6	49	MODOC	CA	122715	107	54	63104	14	2191		1715	8661		6.00E+02	1.83E+03
6	51	MONO	CA	6405			3459	3			141	6854		1.40E+02	1.48E+02
6	53	MONTEREY	CA	133607	3852	41	34908	100	151081		21007	5617		3.10E+04	4.76E+04
6	55	NAPA	CA	23353	2665	48	8069	78			632	1049	21686		2.18E+05
6	57	NEVADA	CA	5189	153	23	2682	44			119	6860		4.10E+05	6.54E+02
6	59	ORANGE	CA	14928	2320	2	3608	20	98		122	1359	50	1.40E+06	7.97E+05
6	61	PLACER	CA	30819	897	69	14805	209	630	172	967	1998	555722	1.30E+05	2.72E+05
6	63	PLUMAS	CA	13781	22	16	7396	22			233	90			4.30E+02
6	65	RIVERSIDE	CA	212563	67162	73	11218	194	180836	244	6985	31912	540662	8.10E+06	6.71E+06
6	67	SACRAMENTO	CA	94648	13510	100	28494	355	46893	242	2853	12140	93975	1.80E+06	3.57E+05
6	69	SAN BENITO	CA	56513	2252	22	18671	72	3410		267	829	90210	1.50E+05	1.60E+05
6	71	SAN BERNARDI	CA	186941	116045	67	9476	154	30246	454	8357	16664	902108	6.10E+06	5.19E+06
6	73	SAN DIEGO	CA	58566	18505	65	10961	198	4120	100	6606	1975	18222	6.80E+06	6.93E+06
6	75	SAN FRANCISC	CA												
6	77	SAN JOAQUIN	CA	166652	49807	98	35890	320	1976	1675	12437	26240	150602	7.50E+06	3.49E+06
6	79	SAN LUIS OBI	CA	147873	2406	56	49021	99	21526	26	8834	10748	189759	2.40E+06	5.84E+04
6	81	SAN MATEO	CA	7587	337	15	4672	16			82	395		1.90E+02	6.06E+02
6	83	SANTA BARBAR	CA	116856	5856	13	34479	50	109129	72	1975	9216		3.60E+05	
6	85	SANTA CLARA	CA	48349	8077	33	16634	102	12132	89	960	549	8	1.00E+06	7.10E+05
6	87	SANTA CRUZ	CA	5163	222	9	2764	42	12		187	365	30150		9.44E+04
6	89	SHASTA	CA	46385	1114	96	22349	176	643		2946	2765		8.90E+02	4.15E+03
6	91	SIERRA	CA	8982	9	6	4983					11			2.40E+01

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
6	93	SISKIYOU	CA	85973	2304	69	43793	29	1723		1202	10501	3	3.70E+03	8.87E+03
6	95	SOLANO	CA	29958	2198	24	9675	64	338		333	180282		1.30E+05	
6	97	SONOMA	CA	113003	41686	88	17632	314	2046	407	7445	45854	415662	4.00E+06	1.88E+06
6	99	STANISLAUS	CA	235293	79669	166	38126	396	14556	114	13324	3539	2198795	5.80E+06	4.85E+06
6	101	SUTTER	CA	15135	1232	26	5680	64	169		1324	14908		2.80E+04	1.98E+04
6	103	TEHAMA	CA	99408	3538	93	43250	167	2410		1858	55224		1.90E+02	1.30E+04
6	105	TRINITY	CA	5754	75	43	2694	8	12		108	1666		1.70E+02	2.23E+03
6	107	TULARE	CA	306402	82657	63	48540	303	90488		32990	3594	1373494	8.30E+06	1.36E+05
6	109	TUOLUMNE	CA	16050	5	5	8121	59	110		60	856			2.05E+04
6	111	VENTURA	CA	32720	5234	5	6770	58		13		21407	86445		3.83E+06
6	113	YOLO	CA	24927	748	24	6204	162	14142		3956	31257	16114	6.40E+03	9.44E+03
6	115	YUBA	CA	29640	2160	56	12274	25	643		2637	29894		1.80E+02	6.54E+02
8	0		CO	3087884	71353	3405	1025244	2703	1879102	725	586425	1392792	3072289	3.90E+06	2.10E+06
8	1	ADAMS	CO	48284	3476	56	16286	64	47474		39423	4161	10	7.80E+05	5.19E+05
8	3	ALAMOSA	CO	19283	1011	60	10642	37	189		1907	9358		2.90E+02	1.26E+03
8	5	ARAPAHOE	CO	15805	638	44	8222	39	649		904	804		1.60E+03	3.12E+03
8	7	ARCHULETA	CO	9819	41	39	4360	9			90	1264		2.70E+03	5.47E+02
8	9	BACA	CO	78988	158	58	31801	90	25045		4766	136		2.00E+03	2.96E+03
8	11	BENT	CO	53184	179	35	22422	58	27527		12136	4602			1.33E+03
8	13	BOULDER	CO	24558	2294	39	7728	99	10308		4645	11643		4.40E+05	3.06E+05
8	15	CHAFFEE	CO	7209	553	17	3242	23	27		97	170			1.07E+04
8	17	CHEYENNE	CO	42549	180	34	22957	6	882		4816	29		3.60E+02	2.00E+03
8	19	CLEAR CREEK	CO												
8	21	CONEJOS	CO	36295	264	93	20416	23	5026		10301	28538		1.60E+03	3.43E+03
8	23	COSTILLA	CO	9375	20	7	4531	5	16		536	3508		3.10E+01	4.19E+02
8	25	CROWLEY	CO	53204	561	45	11222	16	50362		8120	101		2.50E+03	3.51E+03
8	27	CUSTER	CO	14628	90	19	7881	4	1		14	158			4.59E+02
8	29	DELTA	CO	47263	1829	213	22040	166	10048	18	4763	28032	16	2.00E+03	7.88E+03
8	31	DENVER	CO											1.90E+02	2.00E+02
8	33	DOLORES	CO	5211	62	31	2612	21	61		72	1962		2.30E+02	7.71E+02
8	35	DOUGLAS	CO	16663	518	27	8198	32	171		4607	300		2.90E+02	1.53E+03
8	37	EAGLE	CO	17183	46	34	10086	19	24		1	13734		7.20E+02	1.22E+03
8	39	ELBERT	CO	53901	1279	60	22957	54	2725		11820	970		4.10E+04	4.42E+04
8	41	EL PASO	CO	51906	2512	64	24560	54	1860		19254	526		1.30E+04	1.29E+04
8	43	FREMONT	CO	17171	1701	35	8081	27	482		2587	207	40	5.00E+03	1.34E+04
8	45	GARFIELD	CO	45236	466	93	20432	27	790		1187	26667		2.30E+03	4.12E+03
8	47	GILPIN	CO												
8	49	GRAND	CO	23748	44	35	13092	9	37		65	1313		1.50E+02	4.01E+02
8	51	GUNNISON	CO	44270	56	31	22305	12	1560		4	10074		7.50E+01	2.96E+02
8	53	HINSDALE	CO	1218	9	1	623	4							2.40E+01
8	55	HUERFANO	CO	30820	322	44	15687	21			1182	362		6.10E+02	1.27E+03
8	57	JACKSON	CO	40412	70	29	22441		1049			3748		1.10E+02	2.85E+02
8	59	JEFFERSON	CO	6624	811	22	2760	28	31		248	34		3.60E+04	5.50E+03
8	61	KIOWA	CO	42155	31	28	20115	13	743		1630	524		5.00E+02	8.61E+02
8	63	KIT CARSON	CO	135959	1835	57	35399	29	76548		12045	2484		2.90E+03	5.89E+03
8	65	LAKE	CO	2311	2	2	227					4			4.98E+00
8	67	LA PLATA	CO	39740	1148	128	20214	70	521	4	2705	9101	15	3.40E+03	9.05E+03
8	69	LARIMER	CO	83700	6619	104	21337	144	39701	234	36782	97451	19	3.50E+04	3.53E+04
8	71	LAS ANIMAS	CO	58915	460	89	28835	15	388	240	293	337		1.40E+02	2.49E+03
8	73	LINCOLN	CO	73904	150	89	34262	14	17576		9707	3365		1.20E+03	3.20E+03
8	75	LOGAN	CO	159498	1204	93	35020	66	228203		42285	1917	42	4.60E+03	5.76E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
8	77	MESA	CO	77432	3785	245	35987	264	6135	49	16094	37137	40	3.10E+03	9.09E+03
8	79	MINERAL	CO	1039			587								
8	81	MOFFAT	CO	35972	162	32	20454	27	4		152	92739		3.80E+03	5.06E+03
8	83	MONTEZUMA	CO	27090	560	107	15446	124	518		330	13547		2.20E+02	3.22E+03
8	85	MONTROSE	CO	62083	1866	199	24548	139	10491	36	12731	68979	12	6.80E+03	8.44E+03
8	87	MORGAN	CO	150927	3910	82	28033	89	199841		146202	1213	275	5.40E+04	5.15E+04
8	89	OTERO	CO	70329	644	85	14528	95	77495		15739	9318		2.70E+05	8.44E+03
8	91	OURAY	CO	11347	67	22	7265	8	54		58	1373	140	3.20E+03	7.32E+02
8	93	PARK	CO	16177	24	18	6437	11	26		8	147			4.85E+02
8	95	PHILLIPS	CO	33170	788	24	9273	44	14293		12342	2010		1.40E+03	3.35E+03
8	97	PITKIN	CO												
8	99	PROWERS	CO	109870	105	60	26426	38	96933		9340	23402		6.20E+02	3.06E+03
8	101	PUEBLO	CO	79361	2256	78	19291	78	34500		6228	414		3.60E+02	3.34E+03
8	103	RIO BLANCO	CO	36758	170	27	21261	25	47		153	30572			6.23E+02
8	105	RIO GRANDE	CO	20818	233	23	11812	43	1315		8122	17325		8.70E+02	3.75E+03
8	107	ROUTT	CO	34488	122	84	16107	9	225		428	42047		5.30E+02	2.04E+03
8	109	SAGUACHE	CO	38163	96	31	19633	4	464		3282	10514		1.50E+02	6.71E+02
8	111	SAN JUAN	CO												
8	113	SAN MIGUEL	CO	11032	22	19	6001	3			4	19969		9.20E+01	2.17E+02
8	115	SEDGWICK	CO	32637	97	15	7384	10	15530		5480	11		1.00E+03	1.91E+03
8	117	SUMMIT	CO	2530	5	2	1350				4				1.00E+02
8	119	TELLER	CO	3723	11	11	2078	5	155						1.59E+02
8	121	WASHINGTON	CO	72538	1022	72	24973	57	13710		30544	1376	12	4.80E+03	8.05E+03
8	123	WELD	CO	603720	22349	234	83792	269	812301		56512	749929	2364457	2.10E+06	9.61E+05
8	125	YUMA	CO	136755	2300	68	54586	55	44840		23206	2900	29	2.80E+03	6.23E+03
9	0		CT	102368	53174	215	6013	631	1001	78	11314	2308	30421	7.90E+06	4.02E+06
9	1	FAIRFIELD	CT	2948	1454	11	193	15	45		283	101		4.80E+04	5.41E+04
9	3	HARTFORD	CT	12973	6345	45	865	93	255		2273	213	3162	2.70E+05	1.96E+05
9	5	LITCHFIELD	CT	23289	12615	47	1446	123	197		1089	503	424	2.10E+05	1.24E+05
9	7	MIDDLESEX	CT	3782	1753	6	417	60	83		327	153	177	2.90E+05	4.08E+05
9	9	NEW HAVEN	CT	7903	4115	17	577	42	11		1718	240		4.60E+05	1.86E+05
9	11	NEW LONDON	CT	17740	8857	29	1060		167		4076	468	11129	2.30E+06	1.53E+06
9	13	TOLLAND	CT	12248	6471	17	578	94	97		674	357		8.90E+05	2.16E+05
9	15	WINDHAM	CT	21485	11554	43	875	88	146		874	274		3.40E+06	1.30E+06
10	0		DE	30615	10706	140	4711	322	4304		82422	901	319277	1.50E+08	4.76E+05
10	1	KENT	DE	12614	3060	59	1164	117	581		11930	521	212	5.80E+06	8.79E+04
10	3	NEW CASTLE	DE	7934	3356	22	942	64	426		2639	272	9322	1.10E+05	8.48E+04
10	5	SUSSEX	DE	10067	3290	59	3605	141	3297		67853	108	310241	1.50E+08	3.05E+05
12	0		FL	2367108	198732	1422	1179789	3306	84075	200	310136	1862	2530	8.20E+07	1.25E+07
12	1	ALACHUA	FL	56738	1845	53	30859	126	790		13789	134	92	6.60E+05	2.99E+05
12	3	BAKER	FL	41?6	982	4	2394	36	162		2280			5.00E+06	1.71E+05

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
12	5	BAY	FL	821	85	2	431	4	26		1444			2.30E+02	1.89E+02
12	7	BRADFORD	FL	13286	72	18	6986	47	102		2091			7.00E+06	4.32E+05
12	9	BREVARD	FL	36377	324		24340	31			902			3.80E+04	4.72E+04
12	11	BROWARD	FL	21771	4804	9	5016	35	167			10			5.50E+04
12	13	CALHOUN	FL	7493	304	8	3614	38	127		3272			6.50E+01	9.00E+02
12	15	CHARLOTTE	FL	22625		5		19	21		100				5.11E+01
12	17	CITRUS	FL	9610	50	21	5905	57	195		1165		40	7.80E+04	1.11E+05
12	19	CLAY	FL	21970	10933	16	6671	53	101		399	3		2.90E+06	1.74E+05
12	21	COLLIER	FL	39537			20444	4							
12	23	COLUMBIA	FL	29936	396	45	15496	106			17571			9.60E+05	4.94E+05
12	25	DADE	FL	7284		6		38	44		2891			3.40E+04	1.31E+04
12	27	DE SOTO	FL	56550	1064	7	35242	35			574	15		1.20E+06	
12	29	DIXIE	FL	4616	4	4	3232				1454			2.10E+01	3.15E+02
12	31	DUVAL	FL	25101	13205	16	4408	62	445		17594			2.30E+06	1.10E+05
12	33	ESCAMBIA	FL	13503	2403	39	5378	76	381		2506	6		4.70E+04	6.97E+04
12	35	FLAGLER	FL	9613							135				2.11E+02
12	37	FRANKLIN	FL												
12	39	GADSDEN	FL	28389	576	31	11813	69	5887		18793	8		1.20E+05	2.51E+05
12	41	GILCHRIST	FL	22049	480	40	9513	26	2405		4770			1.40E+05	8.10E+03
12	43	GLADES	FL	83357	4683	3	41654	9	208		28			1.50E+01	1.30E+02
12	45	GULF	FL	6379	2	2	4593		3						2.60E+01
12	47	HAMILTON	FL	13871	32	10	7134	20			9716			3.00E+06	6.49E+04
12	49	HARDEE	FL	77599	2221	8	49167	59	114		97			3.00E+02	4.46E+02
12	51	HENDRY	FL	137302	581	11	55577	8	2530		80				1.67E+02
12	53	HERNANDO	FL	31067	964	26	9672	48			1614	30	94	1.50E+06	8.57E+05
12	55	HIGHLANDS	FL	103229	7466	23	59903	16	321		82	52			
12	57	HILLSBOROUGH	FL	95907	22776	124	37492	356	2240		5144	121	5	3.70E+06	2.90E+06
12	59	HOLMES	FL	23193	1429	43	10469	46	340		10648			3.30E+06	1.54E+03
12	61	INDIAN RIVER	FL	25856	1331	2	14950	1			3	20			
12	63	JACKSON	FL	59537	3184	91	27236	119	3127		39966	34		3.50E+05	
12	65	JEFFERSON	FL	17839	2204	19	5605	58	711		6749	16			1.37E+03
12	67	LAFAYETTE	FL	19026	5658	4	6798	26	58		6432			9.90E+06	
12	69	LAKE	FL	27071	2452	14	12986	78	165		535			1.00E+06	2.82E+05
12	71	LEE	FL	15814		10		19	23		494			6.80E+02	4.81E+02
12	73	LEON	FL	13758	532	17	6611	26	19		984	63			
12	75	LEVY	FL	47985	49	27	26846	33	2389		6891	5		2.30E+05	
12	77	LIBERTY	FL	1732	2	2	851	2			908			5.20E+02	6.71E+01
12	79	MADISON	FL	27697	234	31	14691	46	529		33691			4.50E+06	1.40E+05
12	81	MANATEE	FL	76383	7405	11	44125	49	206		308			1.40E+02	7.19E+02
12	83	MARION	FL	94508	2121	44	51461	133	5146		3433	98	85	3.00E+05	6.67E+04
12	85	MARTIN	FL	43190	3364	7	23329	11	45		190			6.00E+01	3.93E+02
12	87	MONROE	FL												
12	89	NASSAU	FL	14314	7863	7	3657	33	102		672			3.30E+06	4.30E+05
12	91	OKALOOSA	FL	13460	54	40	5931	75	312		3110			1.40E+06	3.10E+04
12	93	OKEECHOBEE	FL	145306	36518	27	56477	10	112		265			6.80E+01	4.50E+02
12	95	ORANGE	FL	19053	3220	17	8827	68	129		7498			1.30E+06	8.27E+05
12	97	OSCEOLA	FL	127641	2912	17	75236	32	643		551	202		7.50E+05	2.43E+05
12	99	PALM BEACH	FL	95732	9590	24	44267	33	392		214	10		1.60E+02	7.88E+02
12	101	PASCO	FL	59855	6758	62	30145	142	1513		2623	28		2.10E+06	1.74E+06
12	103	PINELLAS	FL	4740	1280	6	1570	27	7		247			4.60E+02	7.36E+02
12	105	POLK	FL	118138	6741	51	70013	170	293		4045	131		7.80E+05	5.54E+05
12	107	PUTNAM	FL	17894	1436	13	9991	32	64		864			1.70E+05	1.34E+05
12	109	ST JOHNS	FL	8432	947		4032	10	30		902			7.10E+04	1.83E+02
12	111	ST LUCIE	FL	47605	1616	19	25640	7	6		338			1.80E+03	1.68E+03
12	113	SANTA ROSA	FL	12224	279	20	5845	90	1142		4316				
12	115	SARASOTA	FL	35299	1096	9	18267	28			421	4			

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
12	117	SEMINOLE	FL	9750		3		18	98		478			2.80E+05	
12	119	SUMTER	FL	46038	1528	10	27005	50	696		1292	15		6.10E+04	1.42E+05
12	121	SUWANNEE	FL	40834	932	42	21320	140	244		29288	50		1.60E+07	1.41E+05
12	123	TAYLOR	FL	8600	32	19	4455	38			1297			1.00E+06	6.88E+02
12	125	UNION	FL	11078	199	12	5705	22	188		7956	6		1.70E+06	1.14E+05
12	127	VOLUSIA	FL	20463	316	11	10372	84	12		1893	9		1.40E+06	9.05E+05
12	129	WAKULLA	FL	1574	22	16	961	36	18		3005		12	7.70E+01	3.90E+02
12	131	WALTON	FL	15618	1309	51	6259	58	1240		6678		4	2.50E+06	2.47E+04
12	133	WASHINGTON	FL	15698	1052	52	7271	58	467		5543	91		9.90E+00	
13	0		GA	2022904	119532	3315	943475	7120	122780	57	2091998	1516	1797168	4.90E+08	2.14E+07
13	1	APPLING	GA	16158	2155	32	6205	92	1643		61336			5.30E+06	2.42E+05
13	3	ATKINSON	GA	6766	124	11	3656	26	234		19318			1.10E+07	2.53E+05
13	5	BACON	GA	9350	277	37	4253	111	375		21325			3.20E+06	4.13E+05
13	7	BAKER	GA	15102	82	10	6715	20	406		18728				4.72E+02
13	9	BALDWIN	GA	6266	207	19	3370	24	122		1784			4.50E+05	8.96E+02
13	11	BANKS	GA	10685	153	49	5725	55	26		5893			1.10E+07	1.98E+05
13	13	BARROW	GA	12550	385	31	5937	63	78		3971			1.30E+07	2.90E+05
13	15	BARTOW	GA	19132	1545	43	9650	92	121		10110			1.10E+07	3.66E+04
13	17	BEN HILL	GA	9536	354	4	4332	12	442		6678			9.00E+04	1.20E+05
13	19	BERRIEN	GA	20456	294	32	10583	64	701		30034			1.20E+06	2.42E+03
13	21	BIBB	GA	4879	967	6	2018	55	104		3991			6.00E+05	4.29E+02
13	23	BLECKLEY	GA	10406	93	13	5145	37	280		28555			3.80E+04	9.13E+02
13	25	BRANTLEY	GA	5212	73	30	2617	63	119		5417			2.10E+06	6.36E+05
13	27	BROOKS	GA	32850	1254	19	10097	43			63828	22		5.70E+02	1.71E+03
13	29	BRYAN	GA	2157	8	8	1080	14	109		1980				
13	31	BULLOCH	GA	27802	1232	65	12203	170	2379		97400			3.50E+05	1.81E+05
13	33	BURKE	GA	20232	1471	20	8538	65	3429		9699			1.30E+02	2.02E+03
13	35	BUTTS	GA	7396	344	6	3763	13	2		133				
13	37	CALHOUN	GA	11533	29	1	6000	1	346		6733				
13	39	CAMDEN	GA	2321	9	9	1360	10			5207			5.70E+04	5.19E+04
13	43	CANDLER	GA	8794	244	15	4705	50	402		24873	6		8.20E+05	6.32E+05
13	45	CARROLL	GA	28576	1749	52	14077	94	361		4698			1.30E+07	1.03E+05
13	47	CATOOSA	GA	11323	1482	15	4738	51	63		1436			3.70E+06	1.97E+04
13	49	CHARLTON	GA	1805	9	9	984	20	204		4981			1.20E+06	5.02E+05
13	51	CHATHAM	GA	3245	788	5	1153	1	48		755			6.10E+02	1.61E+03
13	53	CHATTAHOOCHE	GA	1040	4	4	358	3	2		24				5.41E+01
13	55	CHATTOOGA	GA	15821	413	31	8519	56	69		6464	15	3	8.00E+05	2.05E+05
13	57	CHEROKEE	GA	16730	424	30	9172	83	201		9649		1	2.70E+07	7.84E+05
13	59	CLARKE	GA	5228	414	5	2551	11	7			16		2.20E+06	
13	61	CLAY	GA	10762	243	8	6316	10	53		5665			1.80E+01	2.50E+02
13	63	CLAYTON	GA	3258	9	6	1487	18	649		27				3.33E+02
13	65	CLINCH	GA	1260	5	2	678	16	24		895			1.70E+06	
13	67	COBB	GA	6437	67	13	3225	74	199		667	5		2.70E+06	
13	69	COFFEE	GA	24577	1549	38	11875	146	911		91496	6		7.90E+06	1.60E+06
13	71	COLQUITT	GA	44112	2030	39	21802	92	1926		96097			8.90E+01	8.01E+04
13	73	COLUMBIA	GA	7103	412	4	3053	14	46		651				
13	75	COOK	GA	10574	68	36	4790	43	462		16539			1.60E+05	2.22E+05
13	77	COWETA	GA	16125	1474	6	7221	33	38		3382	4		1.40E+05	
13	79	CRAWFORD	GA	7241	700	15	3510	27	78		3005		1742	4.50E+05	6.67E+02
13	81	CRISP	GA	6881	16	7	3480	23	174		13264	69			4.44E+02
13	83	DADE	GA	5498	46	17	2983	40			1011			1.30E+06	2.37E+02

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
13	85	DAWSON	GA	4560	130	24	2508	28	87		2744			1.20E+07	3.98E+05
13	87	DECATUR	GA	29136	414	37	14403	70	1782		53781	40	100	2.50E+01	1.82E+05
13	89	DE KALB	GA	2493		3		13			81	50			
13	91	DODGE	GA	13262	258	40	7208	113	242		48162		299	1.50E+05	2.27E+05
13	93	DOOLY	GA	12389	1279	13	5753	8	103		13464			7.70E+01	
13	95	DOUGHERTY	GA	17952	32	9	6396	10	4357		3078	18			5.02E+02
13	97	DOUGLAS	GA	2424	41	8	1049	33	1		145			9.40E+05	
13	99	EARLY	GA	31190	134	32	15005	38	2501		25428	10			
13	101	ECHOLS	GA	1737	4	4	1061	13	70		2574				1.72E+02
13	103	EFFINGHAM	GA	6152	281	17	2741	65	454		15828		5	2.80E+04	1.00E+04
13	105	ELBERT	GA	12648	784	18	6027	40	46		3375	3		1.90E+06	1.04E+05
13	107	EMANUEL	GA	20248	474	43	9470	92	1397		33705		5	4.80E+04	6.80E+04
13	109	EVANS	GA	6649	48	10	3136	25	429		10284		40	8.60E+05	1.35E+05
13	111	FANNIN	GA	3849	223	30	1699	42	73		999			6.90E+04	
13	113	FAYETTE	GA	10494	204	19	5568	43	256		688				
13	115	FLOYD	GA	24397	1487	36	12433	154			3725			1.70E+06	8.44E+04
13	117	FORSYTH	GA	16509	436	51	9029	69	351		5640	75		3.10E+07	7.84E+05
13	119	FRANKLIN	GA	23590	416	55	12711	66			2014		230421	1.60E+07	2.57E+05
13	121	FULTON	GA	11468	108	17	6219	40	134		1098	3		1.30E+06	6.54E+02
13	123	GILMER	GA	6098	585	44	3039	52	75		5882	68		6.50E+06	1.03E+05
13	125	GLASCOCK	GA	3014	35	3	1697	4	22		2921				5.24E+02
13	127	GLYNN	GA	1369	3	3	847	25	14		2351			4.60E+00	7.19E+01
13	129	GORDON	GA	23292	974	54	11057	131	3413		4634			2.40E+07	4.31E+05
13	131	GRADY	GA	27436	422	61	13061	107	1353		83712	107		8.50E+05	2.95E+05
13	133	GREENE	GA	13993	3509	12	4936	38	54		125			1.90E+06	4.50E+05
13	135	GWINNETT	GA	10649	532	27	5510	66	79		3924			5.30E+06	8.61E+04
13	137	HABERSHAM	GA	12326	267	35	5940	89	517		1142			2.00E+07	3.87E+05
13	139	HALL	GA	21256	2574	72	9867	138	792		25807	14		2.50E+07	1.56E+06
13	141	HANCOCK	GA	7570	521	8	4102	4	14		1418				
13	143	HARALSON	GA	8973	340	14	4715	62	11		1201			3.90E+06	
13	145	HARRIS	GA	9477	211	36	4663	22	14		1548			1.40E+02	4.37E+02
13	147	HART	GA	21974	1561	37	11114	47	42		975	150	100903	4.90E+06	2.20E+05
13	149	HEARD	GA	7064	280	39	3730	56	61		1513			6.10E+05	
13	151	HENRY	GA	14144	1086	17	6896	55	45		353			5.90E+04	4.16E+04
13	153	HOUSTON	GA	12600	1245	17	5648	9	754		6958			4.90E+01	2.17E+04
13	155	IRWIN	GA	20491	191	21	9608	26	1420		43429			6.10E+04	5.28E+04
13	157	JACKSON	GA	25953	860	49	12726	108	537		10268	13		3.40E+07	7.01E+05
13	159	JASPER	GA	15306	1773	17	6587	21	113		164			4.30E+06	2.47E+05
13	161	JEFF DAVIS	GA	5561	336	16	2425	76	58		20403	7		1.30E+06	3.46E+05
13	163	JEFFERSON	GA	19711	1649	17	6293	54	9537		19707			1.20E+05	2.68E+04
13	165	JENKINS	GA	10536	3415	14	5330	51	1190		12969			1.10E+05	9.44E+04
13	167	JOHNSON	GA	10090	166	29	4821	42	536		27434			1.20E+05	5.98E+04
13	169	JONES	GA	9930	2446	6	3329	36	24		949			1.70E+06	6.23E+02
13	171	LAMAR	GA	11804	890	11	5172	43	150		1129	38		9.60E+05	4.89E+02
13	173	LANIER	GA	2742	30	15	1355	23	218		7728			1.80E+04	2.82E+02
13	175	LAURENS	GA	24554	330	63	13203	95	867		74348		17	3.20E+05	1.47E+05
13	177	LEE	GA	18487	844	8	7977	8	1472		12405				
13	179	LIBERTY	GA	1520			565	19	32		765				1.40E+02
13	181	LINCOLN	GA	7501	183	5	4332	8	33					1.10E+06	7.10E+04
13	183	LONG	GA	1751	19	4	814	17	227		5128			9.70E+03	
13	185	LOWNDES	GA	17327	948	23	8380	88	852		19614	22		6.40E+04	5.63E+04
13	187	LUMPKIN	GA	7315	197	47	3766	56	23		15901	24		1.50E+07	5.54E+05
13	189	MC DUFFIE	GA	7591	269	5	3806	32	54		1157	39			
13	191	MC INTOSH	GA	804			394	4	1		246				
13	193	MACON	GA	22131	2619	9	8349	19	524		5114			1.60E+06	6.41E+04
13	195	MADISON	GA	15876	455	31	8232	120	108		5328			1.90E+07	4.19E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
13	197	MARION	GA	6981	211	21	3786	28	7		3067			3.20E+06	1.35E+05
13	199	MERIWETHER	GA	23210	1197	20	12446	57	958		4668	36			5.93E+02
13	201	MILLER	GA	26056	84	4	11707	14	1170		38844				6.67E+02
13	205	MITCHELL	GA	38518	1050	9	18943	47	2678		27920	25		1.10E+06	
13	207	MONROE	GA	14623	5111	10	3788	18	90		147			4.20E+05	3.99E+02
13	209	MONTGOMERY	GA	8232	71	12	4166	78	1003		25717		5	1.80E+01	7.62E+02
13	211	MORGAN	GA	28020	8462	37	7374	24	304		5952			4.30E+06	1.16E+05
13	213	MURRAY	GA	7385	353	25	3677	78	48		2790			6.00E+04	1.81E+05
13	215	MUSCOGEE	GA	1383	7	7	671	2			700			8.60E+01	1.84E+02
13	217	NEWTON	GA	15304	1629	9	6773	48	618		1709			1.20E+06	9.05E+04
13	219	OCONEE	GA	11971	491	19	6141	27	52		6451	97	433735	3.40E+06	3.10E+04
13	221	OGLETHORPE	GA	16184	372	17	8078	33	249		1014		387048	1.30E+07	
13	223	PAULDING	GA	4820	136	29	3968	86	10		743	5		1.10E+07	4.68E+02
13	225	PEACH	GA	6623	835	15	2880	22	106		944				
13	227	PICKENS	GA	5959	49	22	3153	30	46		165			1.30E+07	
13	229	PIERCE	GA	13821	1003	27	5148	70	2453		42342	4		2.20E+06	5.24E+05
13	231	PIKE	GA	12909		9		38	339		449			8.20E+05	8.96E+02
13	233	POLK	GA	12392	1051	22	5408	39	183		2713			1.20E+06	2.79E+04
13	235	PULASKI	GA	9535	60	3	4571	23	121		7497			3.10E+01	6.15E+02
13	237	PUTNAM	GA	18227	10564	14	2417	23	194		67				
13	239	QUITMAN	GA	3937	9	3	2006	30	40		422				
13	241	RABUN	GA	3368	126	36	1385	53	27		549	127		3.40E+06	7.86E+02
13	243	RANDOLPH	GA	13477	22	6	6764	12	988		14798			5.10E+04	
13	245	RICHMOND	GA	3355	313	9	1581	24	70		3384			7.40E+02	
13	247	ROCKDALE	GA	4035	262	7	2061	14			6				2.05E+02
13	249	SCHLEY	GA	5881	475	1	2835	13	50		7864				3.72E+04
13	251	SCREVEN	GA	22301	1027	23	10480	87	1531		53031	18		5.90E+04	
13	253	SEMINOLE	GA	18804	144	13	9371	37	981		25747				
13	255	SPALDING	GA	14018	857	9	6736	28	25		3610	14			
13	257	STEPHENS	GA	7243	288	22	2997	48			191			4.90E+06	1.35E+05
13	259	STEWART	GA	8051	45	13	3824	8	14		11240				4.05E+02
13	261	SUMTER	GA	50430	1606	13	18633	14			20887			6.30E+05	6.45E+02
13	263	TALBOT	GA	8761	70	6	4793	16	80		507				
13	265	TALIAFERRO	GA	5185	910	10	2071	9	38		14	18		3.40E+04	4.76E+04
13	267	TATTNALL	GA	17531	331	29	8381	72	741		30864		100	7.50E+06	4.94E+05
13	269	TAYLOR	GA	6479	82	21	3667	41	37		7425			1.80E+06	1.97E+05
13	271	TELFAIR	GA	10736	91	30	5386	24	853		31764		20	1.60E+06	1.00E+06
13	273	TERRELL	GA	11968	174	5	6351	20	197		5952				4.59E+02
13	275	THOMAS	GA	24701	1414	32	11393	39	1473		32496	91			
13	277	TIFT	GA	18344	387	7	9932	33	600		26522			2.00E+05	1.61E+05
13	279	TOOMBS	GA	14216	389	29	6808	66	350		39980		162	6.90E+04	8.87E+04
13	281	TOWNS	GA	3078	255	56	1351	95	18		3897	11		2.40E+05	2.28E+05
13	283	TREUTLEN	GA	5673	67	12	2953	33	244		14273			1.10E+02	1.07E+03
13	285	TROUP	GA	12895	1532	7	5395	22	6		157			8.30E+01	7.97E+02
13	287	TURNER	GA	17736	48	6	8456	11	3724		20289	109		6.40E+04	
13	289	TWIGGS	GA	3818	59	12	1785	20	126		6157			2.40E+01	4.60E+02
13	291	UNION	GA	7433	242	67	3482	60	86		4309	86		6.40E+05	2.09E+05
13	293	UPSON	GA	11943	450	14	4101	14	76		954	26		1.80E+06	
13	295	WALKER	GA	22282	1193	55	11034	82	221		4001			2.80E+06	2.18E+04
13	297	WALTON	GA	17634	971	22	8662	71	206		2150			3.80E+06	8.31E+04
13	299	WAPE	GA	5535	48	21	2613	104	231		14331		16	1.50E+06	2.23E+05
13	301	WARREN	GA	11579	839	3	5470	10	999		7252			2.10E+01	1.13E+03
13	303	WASHINGTON	GA	17114	1335	14	7170	48	255		27498			1.50E+05	4.50E+04
13	305	WAYNE	GA	9969	345	21	4694	60	437		20033			2.70E+04	1.89E+04
13	307	WEBSTER	GA	5340	25	14	2759	1			12725				2.94E+02
13	309	WHEELER	GA	7605	53	19	3953	59	370		25746			5.50E+05	2.07E+05

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
13	311	WHITE	GA	9093	458	74	4335	48	181		3653			1.70E+07	4.50E+05
13	313	WHITFIELD	GA	10540	360	22	3542	100	249		857			8.50E+06	2.19E+05
13	315	WILCOX	GA	13993	329	2	7620	15	654		11660				
13	317	WILKES	GA	25136	2323	24	12616	32	209		1887	23	361445	2.60E+05	1.02E+05
13	319	WILKINSON	GA	5892	91	8	3196	18	417		4260			7.90E+05	
13	321	WORTH	GA	34736	1370	13	15679	22	2192		47754				
14	0		ID	1917279	137712	2438	724012	3044	433428	363	125069	661350	447	9.10E+05	9.18E+05
14	1	ADA	ID	69811	13129	86	19207	244	4893	190	9809	9924	50	1.20E+05	1.63E+05
14	3	ADAMS	ID	20946	280	47	8901	15	2		212	216		1.50E+00	6.93E+02
14	5	BANNOCK	ID	33261	2209	46	15181	60	1481		2414	8101		7.30E+04	5.37E+04
14	7	BEAR LAKE	ID	41132	3422	72	19875	55	891		223	13430		4.10E+03	4.54E+03
14	9	BENEWAH	ID	4929	129	42	3491	51	140		2800	16		6.70E+02	1.79E+03
14	11	BINGHAM	ID	116426	8057	134	42845	175	33273		8153	63999	6	1.40E+04	1.72E+04
14	13	BLAINE	ID	27005	943	25	11360	8	398		399	44418		6.20E+01	
14	15	BOISE	ID	6331	29	20	3654	18	205		220	10		6.80E+01	3.76E+02
14	17	BONNER	ID	18769	1356	77	8842	112	567		2494	423	10	4.10E+03	4.27E+03
14	19	BONNEVILLE	ID	57462	3681	107	21051	84	3894		7591	33545	50	3.90E+02	2.33E+03
14	21	BOUNDARY	ID	12590	890	46	5249	67	201		2006	141		8.20E+02	1.59E+03
14	23	BUTTE	ID	27029	1368	49	12932	27	210		216	18227			6.67E+03
14	25	CAMAS	ID	13309	59	7	6710	9	44		134	15779		9.20E+00	3.44E+02
14	27	CANYON	ID	134473	13980	200	24129	313	103210	30	10462	5755	6	9.30E+04	8.27E+04
14	29	CARIBOU	ID	45366	2900	31	21913	14	388		1097	18922		1.00E+03	1.53E+03
14	31	CASSIA	ID	108934	6857	77	33847	83	52151		5318	22484		5.30E+02	1.76E+03
14	33	CLARK	ID	19267	9	6	11134				705	10955			1.27E+02
14	35	CLEARWATER	ID	7930	293	51	4079	54	81	7	2698	226		2.50E+01	3.81E+03
14	37	CUSTER	ID	41262	110	49	23723	13	251		1314	10908		1.50E+02	9.83E+02
14	39	ELMORE	ID	52464	500	56	22715	24			233	14521		1.70E+03	2.93E+03
14	41	FRANKLIN	ID	37665	10677	36	7298	73	1167		1386	2386			
14	43	FREMONT	ID	38121	2547	49	14746	72			1243	23848		7.30E+02	1.60E+03
14	45	GEM	ID	36164	3600	72	14285	54	2444	10	1716	6206	6	4.00E+02	1.97E+03
14	47	GOODING	ID	80070	8162	62	23689	73	26773		1490	29645		1.20E+05	
14	49	IDAHO	ID	57863	982	161	28351	61	1524		15034	11593	74	2.20E+04	1.96E+04
14	51	JEFFERSON	ID	65144	5367	74	25164	122	7628	14	3821	30256		1.60E+04	3.54E+03
14	53	JEROME	ID	60198	5716	44	16041	109	28912		4047	12062		4.30E+03	4.89E+03
14	55	KOOTENAI	ID	12021	693	104	5469	141	395		3423	608	346	1.70E+04	1.59E+04
14	57	LATAH	ID	18344	498	77	8611	191	407		8218	455		1.50E+04	1.39E+04
14	59	LEMHI	ID	51719	447	64	30467	32	2112		639	5347		1.70E+03	2.27E+03
14	61	LEWIS	ID	10035	36	26	5476	13	535		1105	161		1.20E+02	9.48E+02
14	63	LINCOLN	ID	31744	4696	24	9588	23	3121		2136	7073			
14	65	MADISON	ID	27311	3213	63	10658	60	1331		981	5706			
14	67	MINIDOKA	ID	72128	6183	62	12507	112	64012		2891	132259		6.00E+04	
14	69	NEZ PERCE	ID	29961	587	66	14378	79	3380		3903	302		1.80E+04	1.37E+04
14	71	ONEIDA	ID	33461	882	25	17224	23	1538		236	3920		9.60E+01	5.41E+02
14	73	ONYHEE	ID	97112	3256	78	41889	58	6515		1356	18483		3.40E+02	1.53E+03
14	75	PAYETTE	ID	43559	5897	84	13616	73	9120		3136	3852		3.70E+01	3.00E+03
14	77	POWER	ID	36569	334	20	13695	8			351	4695			
14	79	SHOSHONE	ID	1037	120	4	397	11			382	31		9.30E+01	3.29E+02
14	81	TETON	ID	17819	1657	28	6240	8	27		93	3024		7.40E+02	1.63E+03
14	83	TWIN FALLS	ID	130141	9641	93	52840	174	16121		4942	52764	46	6.00E+03	4.76E+03
14	85	VALLEY	ID	11086	111	23	3733	17	19			80		1.20E+03	1.57E+03
14	87	WASHINGTON	ID	34293	2209	69	24793	31	2082		3902	14394	73	1.10E+03	3.06E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
17	0		IL	2898721	237305	3556	874549	12059	1019338	561	9024521	179404	397590	1.50E+07	7.06E+06
17	1	ADAMS	IL	62545	3557	96	25470	306	12997		306681	6729	200		4.20E+04
17	3	ALEXANDER	IL	3252	122	28	2544	48	42		7507				6.02E+02
17	5	BOND	IL	20432	4179	41	5120	141	2830		94732	1134	53	5.10E+04	4.13E+04
17	7	BOONE	IL	23101	7101	11	1718	79	7674		32410	1315	21	1.10E+04	1.10E+04
17	9	BROWN	IL	20615	300	20	10197	44	2084		90641	2116			
17	11	BUREAU	IL	44901	1353	36	11088	97	26483		240785	3563		1.90E+04	1.95E+04
17	13	CALHOUN	IL	14081	148	42	6663	120	1442		82105	636		8.80E+04	8.40E+04
17	15	CARROLL	IL	85118	7621	13	13344	70	57002		160069	2125		4.30E+04	3.29E+04
17	17	CASS	IL	18654	72	18	7123	36	6135		91609	932		1.40E+03	4.55E+03
17	19	CHAMPAIGN	IL	15545	692	24	3023	148	4666		45734	3117		3.90E+05	1.88E+05
17	21	CHRISTIAN	IL	19069	250	32	8968	152	5757		63699	977		6.70E+03	8.57E+03
17	23	CLARK	IL	16366	582	47	6646	156	3634		86834	1427	200	1.60E+05	9.13E+03
17	25	CLAY	IL	13944	196	61	6691	146	1816		44640	1044		1.70E+05	7.36E+04
17	27	CLINTON	IL	34876	14849	53	3580	155	2872		64836	460		2.30E+06	5.45E+05
17	29	COLES	IL	12029	430	50	4137	90	4134	3	57207	1478	21988	1.40E+04	1.27E+04
17	31	COOK	IL	2929	223	8	1004	15	1045		2928	42	1596	3.50E+04	9.05E+03
17	33	CRAWFORD	IL	12276	502	15	4611	128	3725		57155	561			8.74E+04
17	35	CUMBERLAND	IL	14297	1341	42	4447	147	4152		63044	674		4.00E+04	
17	37	DE KALB	IL	55019	2547	12	2611	43	56817		125234	3284		1.30E+05	1.25E+05
17	39	DE WITT	IL	13741	276	11	6288	82	2953		21742	610		1.90E+05	7.97E+04
17	41	DOUGLAS	IL	7471	924	51	2046	65	2208		44108	586	1000	1.50E+05	7.66E+04
17	43	DU PAGE	IL	1648	459	9	258	27	594		2564	282	11	7.50E+03	8.92E+03
17	45	EDGAR	IL	23960	250	30	8885	120	8615		82213	3603		1.10E+05	8.10E+04
17	47	EDWARDS	IL	16023	392	17	6334	75	3918		84992	802		3.70E+04	6.36E+04
17	49	EFFINGHAM	IL	32599	7256	76	8288	249	4911		71732	1124		9.20E+04	9.57E+04
17	51	FAYETTE	IL	29496	2106	73	11290	342	4410		68396	1322		3.60E+04	3.95E+04
17	53	FORD	IL	12278	731	16	2801	58	6585		42267	1564	116	8.00E+04	3.61E+04
17	55	FRANKLIN	IL	14547	324	40	6480	133	1711		37006	893	100	2.60E+04	2.76E+04
17	57	FULTON	IL	33501	378	85	22315	252	13136		145112	3287	400	3.50E+04	3.41E+04
17	59	GALLATIN	IL	8435	12	9	3573	27	1299		27319	52	20	5.50E+02	2.40E+03
17	61	GREENE	IL	46554	603	35	14891	116	29220		181364	1069	46	4.00E+03	8.92E+03
17	63	GRUNDY	IL	8720	720	10	2372	55	2637		15495	675		4.00E+04	2.81E+04
17	65	HAMILTON	IL	11837	198	36	5244	149	1239		43118	346	77	6.80E+03	1.40E+04
17	67	HANCOCK	IL	58718	982	53	22570	162	18965		244597	4605		4.60E+03	1.17E+04
17	69	HARDIN	IL	10301	38	22	5306	5	322		1465			5.90E+02	2.19E+03
17	71	HENDERSON	IL	34833	312	13	14067	48	13495		112104	982		2.60E+03	4.12E+03
17	73	HENRY	IL	84609	1854	29	18596	200	61549		322091	5585	209	1.30E+05	6.93E+04
17	75	IROQUOIS	IL	39714	4098	31	9183	167	15969	8	67659	3533	75	1.20E+06	5.89E+05
17	77	JACKSON	IL	22089	1124	50	9118	143	2343		36289	525	87	1.20E+05	4.37E+04
17	79	JASPER	IL	16468	1707	59	5890	148	3970		86462	778		1.60E+05	1.10E+04
17	81	JEFFERSON	IL	23161	800	60	9593	184	3534		50240	2944		3.40E+04	1.82E+04
17	83	JERSEY	IL	27515	1098	38	10413	87	6885		91859	458		2.20E+04	2.32E+04
17	85	JO DAVIESS	IL	90157	20273	34	22989	102	10140		130444	2457		4.00E+04	3.97E+04
17	87	JOHNSON	IL	22739	210	16	11516	24	3476		36730	59	4	3.80E+01	2.11E+03
17	89	KANE	IL	39914	7437	18	2457	52	24693		47758	968		9.10E+04	3.34E+04
17	91	KANKAKEE	IL	12645	2029	17	3067	159	4368	14	26138	1292		3.30E+05	1.12E+05
17	93	KENDALL	IL	17084	589	7	1759	34	15793		53905	2090		1.40E+06	
17	95	KNOX	IL	64040	1302	51	22429	142	20444		246375	2728		7.20E+03	1.53E+04
17	97	LAKE	IL	7662	1650	9	2234	24	1053		7905	1435	209	4.30E+05	2.93E+05
17	99	LA SALLE	IL	43011	2046	39	11238	166	22063		108957	9025		1.10E+05	7.45E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
17	101	LAWRENCE	IL	10702	360	20	4496	121	1463		27921	542		3.70E+04	1.40E+04
17	103	LEE	IL	42578	2788	23	6116	76	28781		109328	2650		5.20E+04	4.81E+04
17	105	LIVINGSTON	IL	25855	1647	18	7034	151	11061		111267	3236		1.70E+04	4.35E+04
17	107	LOGAN	IL	19278	494	34	4673	102	8702		80716	2378		1.60E+03	1.29E+03
17	109	MC DONOUGH	IL	43003	496	33	19362	89	11329	9	140023	3774		1.20E+04	1.33E+04
17	111	MC HENRY	IL	50432	16822	24	4725	151	10844		47880	1030		4.60E+03	2.29E+03
17	113	MC LEAN	IL	39088	2452	35	12074	203	16298		113.37	4183	30	3.20E+03	2.97E+03
17	115	MACON	IL	8733	283	14	3752	130	1569		26724	839		4.00E+04	4.37E+04
17	117	MACOUPIN	IL	37977	2297	99	18290	285	25764		162292	4023	900	2.20E+04	2.51E+04
17	119	MADISON	IL	34531	6024	63	8365	269	6790		78608	1109		6.40E+04	7.27E+04
17	121	MARION	IL	22490	1378	63	9486	261	3528	9	42360	1586		2.50E+04	2.87E+04
17	123	MARSHALL	IL	16863	468	28	6552	35	7787		57758	1695	18	1.40E+04	1.49E+04
17	125	MASON	IL	11940	145	22	5576	39	1959		41464	401		2.60E+04	1.73E+04
17	127	MASSAC	IL	21366	321	19	9480	52	1846		39975	70		7.20E+03	2.29E+03
17	129	MENARD	IL	17077	108	10	6704	48	7780		72149	784		1.20E+03	2.68E+03
17	131	MERCER	IL	47428	627	18	18969	94	16635		228284	3461	50	5.50E+03	1.09E+04
17	133	MONROE	IL	11812	1356	35	3673	173	2937		89294	851	159	4.50E+05	1.57E+05
17	135	MONTGOMERY	IL	35053	1997	48	11804	245	11924		113561	1746		1.00E+04	2.29E+04
17	137	MORGAN	IL	36402	217	30	15347	101	13776		154342	3588		1.10E+04	1.69E+04
17	139	MOULTRIE	IL	7016	322	38	2550	75	1090	17	31264	660		9.00E+04	4.37E+04
17	141	OGLE	IL	93535	8288	23	14613	106	40918	21	171521	3846		1.80E+05	1.03E+05
17	143	PEORIA	IL	28438	1235	29	10812	193	6870	34	64896	4119		7.70E+04	5.19E+04
17	145	PERRY	IL	21056	1071	44	8775	108	3290		43527	254		1.90E+04	1.96E+04
17	147	PIATT	IL	9415	186	10	2998	71	4370		15303	1395		1.40E+04	
17	149	PIKE	IL	67771	383	72	27353	86	13508		417222	1710		2.40E+04	4.42E+04
17	151	POPE	IL	15213	76	25	6355	59	1488		22841	1134		3.70E+03	1.20E+03
17	153	PULASKI	IL	11713	251	21	4569	51	2108		21049			6.40E+02	2.45E+03
17	155	PUTNAM	IL	8353	381	5	2144	16	3994		29042	171			1.16E+04
17	157	RANDOLPH	IL	34397	4091	100	11305	211	5446		73388	1090	60	1.80E+04	3.39E+04
17	159	RICHLAND	IL	13284	629	56	5324	89	2458		37447	409		3.00E+04	3.13E+04
17	161	ROCK ISLAND	IL	26227	1213	13	10244	93	8138		134436	3046		2.40E+04	1.69E+04
17	163	ST CLAIR	IL	20982	3092	67	5112	254	5377		77568	1009		1.80E+05	1.52E+05
17	165	SALINE	IL	14574	61	28	7278	72	1891		17682	61		1.00E+04	3.39E+04
17	167	SANGAMON	IL	38946	628	43	11484	196	4984		135057	4797		2.20E+05	1.50E+05
17	169	SCHUYLER	IL	29920	175	61	14219	82	5855		120918	1811		2.50E+03	7.79E+03
17	171	SCOTT	IL	14252	44	12	6420	49	3011		73390	859		1.70E+04	1.54E+04
17	173	SHELBY	IL	27264	2040	76	9452	173	7622		82644	1993		6.40E+04	2.27E+04
17	175	STARK	IL	11893	718	8	3763	34	5501		40623	722		2.00E+04	1.94E+04
17	177	STEPHENSON	IL	89723	30512	42	6443	116	17479		201169	2709		1.60E+05	4.93E+04
17	179	TAZEWELL	IL	23701	1081	30	8838	198	6799		95445	2745		1.20E+05	9.78E+04
17	181	UNION	IL	23384	882	42	11174	76	1352		23960	263		3.00E+04	3.79E+04
17	183	VERMILION	IL	21782	1085	32	5884	237	12835		55447	1362		4.30E+04	3.42E+04
17	185	WABASH	IL	7977	463	16	2605	48	2901		31431	315			1.84E+03
17	187	WARREN	IL	30535	258	16	17005	55	23189		192398	3120		4.70E+04	2.52E+04
17	189	WASHINGTON	IL	28893	8943	44	4925	181	3976		78130	992	50	1.40E+05	1.57E+05
17	191	WAYNE	IL	33298	1079	117	14554	183	5360		79269	665		6.90E+03	1.71E+04
17	193	WHITE	IL	18222	150	36	7936	108	2359		47909	428			2.84E+04
17	195	WHITESIDE	IL	71613	5739	29	11614	99	45317		193610	1908		1.60E+05	5.89E+04
17	197	WILL	IL	19737	3696	20	3068	98	6745		36273	861	105	5.50E+05	4.17E+05
17	199	WILLIAMSON	IL	13423	205	27	6664	197	1775		17056	232		6.80E+02	3.35E+04
17	201	WINNEBAGO	IL	42404	8047	23	6312	88	13051		63106	2635		1.20E+04	1.55E+04
17	203	WOODFORD	IL	26578	1338	22	9169	94	15709		88729	8042	20	1.40E+05	1.37E+05

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
18	0		IN	1826638	205075	3653	346279	12893	440122	302	5927786	117025	4683735	4.10E+07	1.34E+07
18	1	ADAMS	IN	17938	6405	60	901	69	3835		105887	2829	153614	2.10E+06	5.84E+05
18	3	ALLEN	IN	23681	4069	55	3301	164	9974		112709	2577	51506	5.40E+05	3.19E+05
18	5	BARTHOLOMEW	IN	17453	994	23	5492	111	9431		41121	641		2.70E+04	2.52E+04
18	7	BENTON	IN	11609	480	9	4098	60	2941		30572	1321		7.90E+04	2.20E+04
18	9	BLACKFORD	IN	6449	731	21	1503	95	2522		31446	845		1.30E+05	2.65E+04
18	11	BOONE	IN	25961	1032	24	10350	215	5528		89904	1907		3.00E+05	8.23E+04
18	13	BROWN	IN	3549	225	38	1593	98	217		2267	75			2.39E+03
18	15	CARROLL	IN	17413	888	30	5124	103	9816	12	301551	2339		1.10E+06	7.27E+05
18	17	CASS	IN	20420	2297	16	9515	100	9583		98547	2564	25150	9.80E+04	7.19E+04
18	19	CLARK	IN	20801	1815	54	8424	236	1095		19482	450		3.40E+05	4.59E+04
18	21	CLAY	IN	12581	1344	28	4491	221	2272		48488	462		6.70E+04	4.63E+04
18	23	CLINTON	IN	12721	452	16	4331	108	4162		154815	1454		3.10E+04	2.25E+04
18	25	CRAWFORD	IN	13204	556	30	7549	103	110		10057	72	84939	3.88E+05	
18	27	DAVIESS	IN	37397	6251	79	9428	113	6324		131976	318	629518	4.30E+05	2.65E+05
18	29	DEARBORN	IN	17288	1761	43	6698	196	1440		11677	1170		3.50E+04	2.78E+04
18	31	DECATUR	IN	30779	1967	56	6806	253	19834		143220	1452		1.90E+04	2.12E+04
18	33	DE KALB	IN	17160	4316	42	2283	148	3574	10	34173	2489		3.80E+05	2.10E+04
18	35	DELAWARE	IN	18265	1952	20	4079	222	6056		61396	1759	269	1.70E+05	5.45E+04
18	37	DUBOIS	IN	38423	3001	64	13183	152	9512		163445	297	1420180	4.60E+06	1.19E+06
18	39	ELKHART	IN	44681	12439	164	3586	179	7380		45680	2384	109186	2.40E+06	5.45E+05
18	41	FAYETTE	IN	16122	812	15	6171	128	4168		78250	520		7.90E+03	1.32E+04
18	43	FLOYD	IN	7219	577	59	3123	159	335		4417	19		5.80E+05	1.10E+04
18	45	FOUNTAIN	IN	16958	158	17	7042	111	2977		36884	2302		5.50E+03	5.93E+03
18	47	FRANKLIN	IN	23807	2820	103	8133	139	4518		80824	952		9.30E+04	6.88E+04
18	49	FULTON	IN	23533	4680	18	4252	102	4243		82481	1430	200	3.80E+05	9.31E+04
18	51	GIBSON	IN	17494	978	28	6099	87	5647		93140	541	107330	5.90E+04	9.44E+03
18	53	GRANT	IN	18954	1550	12	3920	134	9393		84941	2841		3.90E+05	2.91E+05
18	55	GREENE	IN	33198	1984	47	14162	165	3867		41351	477		3.00E+03	7.10E+03
18	57	HAMILTON	IN	14795	1148	17	5754	186	3509		87943	2233		1.80E+05	8.57E+04
18	59	HANCOCK	IN	12606	314	26	4341	144	2583		45669	2182		2.00E+04	9.31E+03
18	61	HARRISON	IN	36060	3348	157	15130	372	2448		50743	287	97590	3.00E+06	2.39E+05
18	63	HENDRICKS	IN	23026	2359	58	7522	163	4864	7	66968	1352		1.80E+04	1.97E+04
18	65	HENRY	IN	26185	1303	52	8487	242	7377		75753	2634		9.80E+03	1.78E+04
18	67	HOWARD	IN	10087	927	22	2134	134	3869		89473	1025	12	1.40E+05	7.88E+04
18	69	HUNTINGTON	IN	12051	2177	22	2937	176	2315		74245	1639		4.50E+05	1.41E+05
18	71	JACKSON	IN	20799	2740	77	9248	194	9275		74567	1829	95030	1.40E+06	6.84E+05
18	73	JASPER	IN	24733	454	20	6705	52	19994		136207	917	185	6.50E+05	3.89E+05
18	75	JAY	IN	14683	3184	49	3801	238	2949		37180	2401	182228	8.60E+05	1.18E+05
18	77	JEFFERSON	IN	21085	2015	71	8856	267	1903		20839	423		3.00E+03	5.24E+03
18	79	JENNINGS	IN	17014	648	78	7244	214	2790		31320	438		9.00E+05	
18	81	JOHNSON	IN	19091	1960	29	5164	92	9887		31794	1314		3.70E+03	5.19E+03
18	83	KNOX	IN	26487	988	24	8568	54	7879		108837	287		4.80E+04	2.07E+04
18	85	KOSCIUSKO	IN	40031	5734	65	7590	161	15057	28	132605	4175		3.40E+06	1.13E+06
18	87	LAGRANGE	IN	43341	11423	103	2877	123	8735	48	118760	2873		2.70E+06	6.49E+05
18	89	LAKE	IN	12174	2317	35	2801	89	2538		15747	448	1110	8.10E+04	5.89E+04
18	91	LA PORTE	IN	22657	4925	16	3870	93	5803		30119	1069		2.90E+05	6.28E+04
18	93	LAWRENCE	IN	37385	1315	78	17404	157	3694		31986	250		1.50E+05	4.89E+04
18	95	MADISON	IN	16485	944	28	5169	193	5459		64722	1685		2.20E+04	1.54E+04
18	97	MARION	IN	6983	1338	9	1738	64	1649		7491	598		3.00E+04	5.20E+03
18	99	MARSHALL	IN	27678	7352	70	4019	151	4774		65987	2065		1.80E+06	2.23E+05
18	101	MARTIN	IN	13033	508	35	5681	87	2039		33095	74	97439	3.80E+04	2.61E+04
18	103	MIAMI	IN	24368	3492	27	4007	156	7193		101413	1432	15	2.50E+05	6.06E+04
18	105	MONROE	IN	15063	893	20	6013	117	1855		10429	332	100		

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SC'D	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
18	107	MONTGOMERY	IN	28627	1090	34	10724	197	7821		132006	3167	3	2.70E+04	1.67E+04
18	109	MORGAN	IN	14853	675	35	6160	168	3038		36211	1075		8.50E+02	2.92E+04
18	111	NEWTON	IN	17377	177	6	6678	42	8947		35426	1066		2.90E+04	2.29E+04
18	113	NOBLE	IN	26845	6639	60	3896	166	6933		53222	1067	31927	7.10E+05	2.20E+05
18	115	OHIO	IN	7111	344	8	3318	29	305		5818	189	13	7.40E+02	
18	117	ORANGE	IN	23959	2141	43	9088	127	3508		36662	215		8.10E+05	8.18E+04
18	119	OWEN	IN	17878	621	94	8187	171	1494		29746	796		5.20E+03	5.15E+03
18	121	PARKE	IN	17847	541	38	7658	187	3396		41820	709		2.20E+04	1.77E+04
18	123	PERRY	IN	16276	1018	70	7164	111	717		27262	56		4.90E+04	3.56E+04
18	125	PIKE	IN	9172	313	29	3619	58	1977		28280	61	225903	4.30E+04	2.73E+04
18	127	PORTER	IN	10431	1313	28	3004	58	1497		27224	658		2.90E+04	2.22E+04
18	129	POSEY	IN	13751	868	20	5442	80	3363		37854	147		3.20E+04	2.70E+04
18	131	PULASKI	IN	14851	1918	16	4055	69	4179		81928	817	700	9.20E+04	6.23E+04
18	133	PUTNAM	IN	31960	2675	51	12017	212	5235		92871	1979	50753	4.70E+04	5.45E+04
18	135	RANDOLPH	IN	19742	2528	53	5394	295	4081		98372	2667	68072	4.00E+05	1.15E+05
18	137	RIPLEY	IN	24468	2080	90	8989	272	4080		55602	674		4.50E+04	2.55E+04
18	139	RUSH	IN	29454	2917	28	6722	140	13162		147436	1666		3.50E+04	2.79E+04
18	141	ST JOSEPH	IN	13815	3878	33	1772	141	2941		40976	901		1.80E+05	1.96E+05
18	143	SCOTT	IN	9909	743	12	3953	70	778		6906	164		7.50E+03	6.02E+03
18	145	SHELBY	IN	20562	1646	25	6285	201	5828		60910	1519		1.50E+05	8.79E+04
18	147	SPENCER	IN	27821	2356	23	11163	145	3063		87107	229	647168	2.00E+05	6.84E+04
18	149	STARKE	IN	6063	960	20	1478	48	1125		20260	412		2.80E+05	1.29E+05
18	151	STEUBEN	IN	19987	5823	12	2812	108	3354		28331	4546		3.80E+05	1.76E+05
18	153	SULLIVAN	IN	13378	504	31	5802	172	2317		31047	283		1.80E+04	1.73E+04
18	155	SWITZERLAND	IN	12863	2468	33	4697	147	1239		12024	260		1.90E+03	3.39E+03
18	157	TIPPECANOE	IN	20510	609	24	7800	124	5983		77740	1959		2.60E+05	7.11E+04
18	159	TIPTON	IN	8577	83	7	2385	110	3517		62860	1877		9.30E+05	1.63E+05
18	161	UNION	IN	12320	888	3	3588	43	4908		74443	768		3.80E+03	6.62E+03
18	163	VANDERBURGH	IN	4339	850	5	1267	53	621		10529	195		5.10E+04	4.23E+04
18	165	VERMILLION	IN	10890	101	21	4512	67	3774		18511	963		7.70E+01	8.18E+02
18	167	VIGO	IN	19179	672	40	3801	178	1201		25906	454		5.30E+04	6.10E+04
18	169	WABASH	IN	29846	3744	34	4019	144	15490		147591	1876		1.50E+06	7.62E+05
18	171	WARREN	IN	15384	166	14	7307	41	1621		20934	1220		1.50E+05	3.38E+04
18	173	WARRICK	IN	11828	1412	27	4144	110	1258		18586	96	102710	1.50E+05	
18	175	WASHINGTON	IN	16329	5184	86	16777	206	4278		82634	572	65060	1.80E+06	7.84E+04
18	177	WAYNE	IN	32652	5734	31	8984	184	6049		90370	1691		9.90E+04	2.96E+04
18	179	WELLS	IN	11430	3062	29	1255	93	3350		71535	1388	12650	2.40E+05	1.26E+05
18	181	WHITE	IN	22399	1143	10	7265	91	7875		131365	1558		9.60E+04	9.70E+04
18	183	WHITLEY	IN	21006	3934	53	3312	203	5825		52686	3314		4.10E+05	2.28E+05
19	0		IA	6658298	399573	4784	1868308	8035	3247412	472	19359946	491363	5828313	1.80E+07	8.79E+06
19	1	ADAIR	IA	84770	2498	55	35709	56	22170		197060	6426	103	3.80E+04	3.77E+04
19	3	ADAMS	IA	59279	724	41	25387	35	16034		121677	3838		1.30E+04	1.36E+04
19	5	ALLAMAKEE	IA	103041	21005	30	29611	81	9064		167256	2063		1.30E+05	9.52E+04
19	7	APPANOOSE	IA	58474	395	80	27817	38	3701		47827	7089	10	1.80E+03	3.93E+03
19	9	AUDUBON	IA	83834	2067	40	32100	52	47361		185062	4135	12	1.10E+05	9.44E+04
19	11	BENTON	IA	90691	3431	76	26589	97	43611		274499	4922		9.20E+04	7.62E+04
19	13	BLACK HAWK	IA	45963	6033	57	10080	138	23659		179036	2910	266566	6.90E+05	1.45E+05
19	15	BOONE	IA	39045	776	36	11628	126	24039		141314	12659	63704	4.10E+04	2.60E+05
19	17	BREMER	IA	48700	13305	38	7056	157	10651		134531	2428	194277	1.50E+05	1.27E+05
19	19	BUCHANAN	IA	58104	8676	62	13201	116	19662		232011	1419		1.10E+05	9.35E+04
19	21	BUENA VISTA	IA	48916	972	24	10176	91	35092		241664	6243	396084	6.80E+05	6.88E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
19	23	BUTLER	IA	52884	7454	39	12728	155	18524		227268	2645	65662	2.10E+05	1.81E+05
19	25	CALHOUN	IA	40834	362	12	10190	49	26961		170081	5237	71988	8.80E+04	7.71E+04
19	27	CARROLL	IA	104606	1807	44	18105	50	99145		353337	1929	86747	9.10E+04	7.84E+04
19	29	CASS	IA	90783	1733	73	27465	47	49000	7	173497	2198	90	1.30E+05	4.94E+04
19	31	CEDAR	IA	75860	3179	46	21598	64	38356		385887	7519	27	7.70E+04	5.67E+04
19	33	CERRO GORDO	IA	34326	1904	19	9260	68	14959		202027	3278	93975	3.10E+05	1.39E+05
19	35	CHEROKEE	IA	116937	1882	28	18631	51	98332		334583	3152	129969	2.20E+04	2.24E+04
19	37	CHICKASAW	IA	55956	8114	22	14607	70	15393		157238	1803		2.60E+05	1.57E+05
19	39	CLARKE	IA	36925	617	66	28607	50	4780	4	77215	3152		3.00E+03	5.67E+03
19	41	CLAY	IA	64243	1183	26	13369	22	46034		159367	7190	375	3.40E+05	1.60E+05
19	43	CLAYTON	IA	122974	29845	43	26929	124	15222		347494	2377	39	2.00E+05	7.53E+04
19	45	CLINTON	IA	116719	3934	59	21479	108	78554		318314	2964	12	1.10E+05	6.97E+04
19	47	CRAWFORD	IA	122063	3237	63	35312	74	58136		302143	7515		1.40E+05	1.43E+05
19	49	DALLAS	IA	43911	650	55	14710	98	24325		129402	3189		1.70E+05	2.80E+04
19	51	DAVIS	IA	39394	2712	141	27525	88	5030		77386	19374	200	4.00E+04	3.26E+04
19	53	DECATUR	IA	68746	1387	98	35260	50	4136		56363	3211		2.20E+03	4.50E+03
19	55	DELAWARE	IA	81763	21724	30	12940	83	18188		454843	1470	30	4.40E+05	1.35E+05
19	57	DES MOINES	IA	35078	676	15	13434	38	12708		94854	1926		5.50E+04	4.89E+04
19	59	DICKINSON	IA	49886	1574	19	11017	19	30474		102108	4125	64006	3.30E+05	4.50E+04
19	61	DUBUQUE	IA	119737	29802	35	19866	144	29784		318159	1101	67	2.80E+05	1.64E+05
19	63	EMMET	IA	36884	569	21	8586	23	27876		83109	2008		1.10E+05	7.19E+04
19	65	FAYETTE	IA	98671	22284	29	19356	179	24676		255369	3227		4.60E+05	2.45E+05
19	67	FLOYD	IA	37308	3087	30	9843	83	14977		134341	2424		1.10E+05	8.01E+04
19	69	FRANKLIN	IA	48357	2154	25	11600	60	30156		247359	5408	18222	1.00E+06	3.45E+05
19	71	FREMONT	IA	40239	381	34	15180	56	16142		62395	485		1.90E+03	3.99E+03
19	73	GREENE	IA	42610	89	23	12319	70	25432		156745	4866		4.10E+04	3.50E+04
19	75	GRUNDY	IA	52218	3312	30	10422	83	40615		194557	3141	25000	6.60E+04	5.24E+04
19	77	GUTHRIE	IA	71173	1358	67	29455	96	20465		131413	356.		8.30E+04	1.38E+05
19	79	HAMILTON	IA	29973	503	39	5872	98	22665		221628	2519	1551204	1.00E+05	7.96E+04
19	81	HANCOCK	IA	36702	2361	26	8210	32	20873		233360	4620		1.40E+05	5.58E+04
19	83	HARDIN	IA	55827	1140	22	13102	55	56974		250911	14289	45030	3.70E+05	1.68E+05
19	85	HARRISON	IA	66206	1274	42	22168	72	29940		119417	1557		5.20E+03	8.61E+03
19	87	HENRY	IA	34269	716	62	13087	81	9702		138460	3802	271084	2.90E+05	5.97E+04
19	89	HOWARD	IA	54454	9888	27	15204	74	8158	83	121496	1759	250	2.80E+05	1.46E+05
19	91	HUMBOLDT	IA	24938	1035	7	5061	33	18279		129881	12154		1.00E+05	7.71E+04
19	93	IDA	IA	27373	1529	26	15226	63	55398		164567	2793	37650	2.10E+04	1.26E+04
19	95	IOWA	IA	86778	2277	76	30462	43	30681		261531	2886		5.30E+04	4.98E+04
19	97	JACKSON	IA	116053	11948	64	36115	98	41610		230377	2408		3.20E+05	7.36E+04
19	99	JASPER	IA	96886	3688	54	31191	125	39586		313791	3371	200	1.10E+05	7.97E+04
19	101	JEFFERSON	IA	38544	734	72	15865	67	8329		131311	10009		7.20E+03	7.79E+03
19	103	JOHNSON	IA	62917	3285	98	22759	129	19933		327402	20375	55120	3.50E+05	2.20E+05
19	105	JONES	IA	96198	7848	57	23155	103	47190		318908	4521	65	4.00E+04	3.96E+04
19	107	KEOKUK	IA	60350	1337	116	25508	90	16512		315680	13391	75903	1.70E+05	6.54E+04
19	109	KOSSUTH	IA	67015	3532	46	11491	46	51448		354494	5853		3.00E+05	2.63E+05
19	111	LEE	IA	45397	3310	55	14583	88	15279		137261	5415		6.40E+04	6.49E+04
19	113	LINN	IA	62290	6244	90	20496	369	14636		218759	5679		6.10E+04	7.33E+04
19	115	LOUISA	IA	25727	165	32	10000	50	9472		118512	2915		8.10E+03	5.97E+03
19	117	LUCAS	IA	56782	499	68	28375	85	6002		78046	5763		3.10E+04	2.42E+04
19	119	LYON	IA	118326	8837	59	19960	63	83112		242232	7431		2.00E+05	6.97E+04
19	121	MADISON	IA	71863	813	82	32564	74	14239	22	141097	5546	108	5.90E+04	5.45E+04
19	123	MAHASKA	IA	71596	2441	64	18634	126	31863		325895	3748		2.10E+05	1.94E+05
19	125	MARION	IA	61403	3428	68	19725	131	17526		233044	7736	12	9.80E+04	8.57E+04
19	127	MARSHALL	IA	64799	1212	55	22027	119	38096		137682	4755		8.40E+04	8.10E+04
19	129	MILLS	IA	43432	544	30	10793	48	31746		73656	1018		2.90E+03	5.67E+03
19	131	MITCHELL	IA	56058	6276	39	10051	50	24374		188700	4001	85090	1.00E+06	1.88E+05
19	133	MONONA	IA	74193	1134	62	17348	59	38052		118347	3383	50	6.20E+03	9.91E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
19	135	MONROE	IA	31688	1069	50	25722	53	3804		73091	4841		4.10E+03	6.49E+03
19	137	MONTGOMERY	IA	58325	874	33	16990	[illegible]	28059		124199	2067		9.10E+03	1.16E+04
19	139	MUSCATINE	IA	45453	2160	41	14062	85	13454		178476	3318		2.20E+04	2.30E+04
19	141	O'BRIEN	IA	92578	3548	24	9776	14	102316		242787	4435		3.60E+05	1.37E+05
19	143	OSCEOLA	IA	57006	3356	10	7602	47	56363		131742	7548		1.00E+05	8.74E+04
19	145	PAGE	IA	68076	877	76	24904	61	28410		165030	1581		1.50E+04	1.67E+04
19	147	PALO ALTO	IA	41115	1164	23	7983	46	30252		172928	3504	1500	1.30E+05	8.79E+04
19	149	PLYMOUTH	IA	132526	4217	70	31997	138	120179		471914	5518		2.30E+05	8.92E+04
19	151	POCAHONTAS	IA	40627	624	11	6994	72	34590		183880	3740	64156	3.40E+05	1.82E+05
19	153	POLK	IA	29363	1208	24	10718	99	8940		76392	2333	62	1.90E+05	6.41E+04
19	155	POTTAWATTAMI	IA	135144	1516	76	28560	114	131355		249433	3936		6.30E+04	4.85E+04
19	157	POWESHIEK	IA	79750	2614	45	31675	64	21407		219808	3612	1028	2.60E+04	2.77E+04
19	159	RINGGOLD	IA	24694	1813	101	34049	27	10225	35	107687	2863	8	1.30E+03	4.63E+03
19	161	SAC	IA	94150	1921	13	19610	40	96423		273506	4916		1.70E+05	9.61E+04
19	163	SCOTT	IA	48704	4027	17	11311	70	27079		240271	2463	201	9.90E+04	9.87E+04
19	165	SHELBY	IA	87653	2362	42	23088	99	59763		240698	3081		4.40E+04	4.42E+04
19	167	SIOUX	IA	230566	13522	45	14859	61	234850		469124	3093	82078	4.20E+05	2.70E+05
19	169	STORY	IA	34035	1507	36	8384	141	20609		160882	9864	237951	2.40E+05	1.31E+05
19	171	TAMA	IA	90438	2441	86	27414	112	37115	8	249628	5394		4.90E+05	9.91E+04
19	173	TAYLOR	IA	67854	858	69	31170	56	11640		108304	3559		1.50E+02	5.06E+04
19	175	UNION	IA	64609	978	35	28506	69	11576		101048	1966		4.90E+03	8.10E+03
19	177	VAN BUREN	IA	49500	722	98	23798	61	5711		98490	9048		7.70E+03	9.13E+03
19	179	WAPELLO	IA	34079	831	74	15512	137	7424		87076	2940		5.00E+04	5.28E+04
19	181	WARREN	IA	68751	2139	80	30718	204	9163		137330	3175		4.70E+05	3.97E+04
19	183	WASHINGTON	IA	46275	1120	78	18429	127	18129		409139	7162	161144	4.10E+05	1.58E+05
19	185	WAYNE	IA	72649	1262	41	35710	20	8033		[illegible]	3246	50000	1.70E+04	1.47E+04
19	187	WEBSTER	IA	26785	764	36	6208	90	13154		149452	3334	86897	9.90E+05	7.32E+05
19	189	WINNEBAGO	IA	18198	2483	20	4027	50	7853		128850	1630		7.00E+04	3.96E+04
19	191	WINNESHIEK	IA	116727	25604	65	24820	138	14297		256491	3178		3.40E+05	1.16E+05
19	193	WOODBURY	IA	131097	1757	50	29650	93	93300		267231	20459	608433	1.40E+04	2.03E+04
19	195	WORTH	IA	23058	2146	23	6036	52	11367		108010	14907	136596	1.70E+05	5.28E+04
19	197	WRIGHT	IA	25864	699	23	6247	55	13665		164252	4260		[illegible].70E+05	7.36E+04
20	0		KS	5390628	149177	4243	1890367	6720	3338871	212	2829467	220724	104367	5.30E+04	2.49E+06
20	1	ALLEN	KS	47381	2931	67	20363	69	5456		33269	546		6.40E+03	1.12E+04
20	3	ANDERSON	KS	46989	2732	73	20889	80	3777		30208	900	100	4.30E+02	4.50E+04
20	5	ATCHISON	KS	37958	2056	72	14059	115	6442		38459	384	2	2.30E+04	2.83E+04
20	7	BARBER	KS	89847	617	22	33294	9	3561		13191	1029		4.60E+02	1.88E+03
20	9	BARTON	KS	79427	1055	29	20988	57	144436		21236	1940	4	5.90E+03	9.70E+03
20	11	BOURBON	KS	63440	2994	56	25632	134	3939		26180	820		1.50E+03	4.89E+03
20	13	BROWN	KS	51230	2789	49	16911	96	16384		54987	1508		2.60E+03	7.01E+03
20	15	BUTLER	KS	147424	2420	85	44902	135	111118		71223	3092		3.20E+04	2.12E+04
20	17	CHASE	KS	50830	264	36	18569	8	11705		15194	775			
20	19	CHAUTAUQUA	KS	32298	395	55	26632	21	2084		17668	58		1.10E+03	2.32E+03
20	21	CHEROKEE	KS	34949	614	36	16700	176	1809		13047	62		3.50E+03	7.23E+03
20	23	CHEYENNE	KS	34992	619	34	18006	18	4080		19224	1337	50	9.80E+02	2.03E+03
20	25	CLARK	KS	37093	42	26	15780	19	30824		1359	197		6.70E+02	1.48E+03
20	27	CLAY	KS	46723	1312	40	18376	87	11203		58051	660		5.30E+02	
20	29	CLOUD	KS	40993	438	36	18726	84	6155		25211	2463		1.40E+03	3.24E+03
20	31	COFFEY	KS	48747	1229	49	17600	85	7267		26711	383	60	6.50E+04	4.30E+04
20	33	COMANCHE	KS	49933	498	18	21278	17	5800		6039	119		1.60E+02	6.04E+02
20	35	COWLEY	KS	88918	1379	73	33638	120	38096		77311	4178		1.10E+04	9.74E+03

LS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
20	37	CRAWFORD	KS	49864	1865	41	22340	130	3572		18418	617		1.50E+03	6.41E+03
20	39	DECATUR	KS	51602	397	30	19185	13	28986		23906	381		1.80E+04	1.58E+04
20	41	DICKINSON	KS	68074	1961	76	30357	119	28956		51665	3878		1.80E+05	1.19E+05
20	43	DONIPHAN	KS	28375	968	62	11510	53	11542		43699	797		1.70E+04	1.49E+04
20	45	DOUGLAS	KS	39482	3127	58	13239	116	6698		27519	3912		4.80E+03	5.93E+03
20	47	EDWARDS	KS	35309	656	13	7076	20	21327		3250	1242		5.50E+02	2.05E+03
20	49	ELK	KS	51312	370	47	26005	20	1056		34384	640		1.50E+03	3.18E+03
20	51	ELLIS	KS	52101	1522	80	23016	49	27585		7095	50		1.70E+03	7.36E+03
20	53	ELLSWORTH	KS	39916	408	33	20299	30	6934		11174	1		2.90E+03	6.15E+03
20	55	FINNEY	KS	122554	266	11	10139	32	174366		8779	587		1.70E+02	1.05E+03
20	57	FORD	KS	78198	973	20	9916	44	89605		3[illegible]	94		9.40E+02	3.25E+03
20	59	FRANKLIN	KS	49887	3727	113	18057	245	6806	16	44383	1760	200	5.70E+03	9.57E+03
20	61	GEARY	KS	20118	955	19	7965	19	2030		17189	982		9.60E+02	3.12E+03
20	63	GOVE	KS	84716	1219	75	21451	23	54334		13539	1103	11	1.10E+03	2.21E+03
20	65	GRAHAM	KS	43031	574	23	21762	17	3247		5924	94		1.70E+03	3.53E+03
20	67	GRANT	KS	24331	30	14	5962	12	31622		5634	28		6.50E+02	1.35E+03
20	69	GRAY	KS	59080	42	14	8931	36	102446		6719	3852		1.00E+03	1.35E+03
20	71	GREELEY	KS	36837	61	5	3875	23	43931		5517	286		7.40E+00	
20	73	GREENWOOD	KS	100226	1686	34	47458	36	8016		22686	774		1.40E+02	2.51E+03
20	75	HAMILTON	KS	30036	118	10	7336	8	31716		3707	23		3.60E+02	7.10E+02
20	77	HARPER	KS	62365	1286	29	17489	32	7658		8897	2718		5.50E+04	7.79E+04
20	79	HARVEY	KS	42107	2517	56	9672	104	18464		43249	12142		3.00E+05	1.21E+05
20	81	HASKELL	KS	102885	62	1	3344	13	163487		2971	13		5.60E+02	1.77E+02
20	83	HODGEMAN	KS	63364	680	23	12165	51	62444		4833	355	50	2.40E+03	2.83E+03
20	85	JACKSON	KS	58805	2209	119	25101	193	4609		39808	3023		5.80E+03	1.16E+04
20	87	JEFFERSON	KS	47379	3000	67	18611	111	3597		38296	996		6.20E+03	9.44E+03
20	89	JEWELL	KS	65180	969	60	26721	89	14513		73519	4570		5.30E+03	8.83E+03
20	91	JOHNSON	KS	26750	1259	33	11825	78	3131		18674	441	25	1.20E+02	1.26E+04
20	93	KEARNY	KS	63846	40	19	9965	5	103052		7167	1449		9.20E+02	1.22E+03
20	95	KINGMAN	KS	55571	2262	55	24429	73	2299		33320	3955		2.50E+02	1.78E+04
20	97	KIOWA	KS	37704	76	11	12938	4	1331		12953	2123		4.90E+04	4.09E+04
20	99	LABETTE	KS	87424	2877	54	31355	64	35958		19014	690		3.90E+03	5.93E+03
20	101	LANE	KS	42483	144	6	6249	5	39845		6255	440		2.60E+03	2.62E+03
20	103	LEAVENWORTH	KS	39098	4319	71	15301	227	1566		19596	570	50	5.20E+04	6.02E+04
20	105	LINCOLN	KS	50450	781	35	22221	30	3778		20590	3357		2.20E+03	4.29E+03
20	107	LINN	KS	49489	2013	59	21331	141	3337		36488	1021	100	1.60E+03	5.11E+03
20	109	LOGAN	KS	31058	329	17	12315	8	2407		7141	86		2.40E+02	1.47E+03
20	111	LYON	KS	75497	2616	57	22166	99	34443		45143	436		2.10E+05	1.22E+05
20	113	MC PHERSON	KS	64160	4405	82	18540	164	19378		45284	9973		2.40E+05	1.06E+05
20	115	MARION	KS	71739	5603	65	22074	129	7253		58734	3278		1.70E+05	1.48E+05
20	117	MARSHALL	KS	64370	3601	61	24549	124	8017		85139	901		7.60E+04	3.87E+04
20	119	MEADE	KS	51011	301	11	15844	10			7321	745		5.60E+01	1.37E+03
20	121	MIAMI	KS	56527	3309	77	23774	179	2718		25388	869		5.00E+04	3.38E+04
20	123	MITCHELL	KS	42972	428	15	14447	26	20424		37601	4139		3.70E+02	2.15E+03
20	125	MONTGOMERY	KS	50304	1846	57	23321	126	1681		57593	707		4.10E+04	6.71E+03
20	127	MORRIS	KS	65643	2260	44	23246	52	20146		47029	618		2.70E+03	5.41E+03
20	129	MORTON	KS	18114	16	3	6153	2	1877		1049	735		1.80E+01	7.53E+02
20	131	NEMAHA	KS	65527	5681	60	22235	81	20126		95145	648		6.30E+04	6.80E+04
20	133	NEOSHO	KS	52828	2655	24	23213	58	7616		37422	556		1.10E+04	1.49E+04
20	135	NESS	KS	51496	405	27	19900	13	4126		7518	916		7.20E+04	5.02E+04
20	137	NORTON	KS	47431	930	31	21397	28	4103		22857	916		8.30E+02	4.00E+03
20	139	OSAGE	KS	52858	1209	14	18517	137	7755		31575	2232		5.80E+03	7.66E+03
20	141	OSBORNE	KS	35241	992	37	26156	42	6546		19827	4187		1.10E+03	4.37E+03
20	143	OTTAWA	KS	48959	1049	53	17738	62	25206		23478	2618		1.80E+03	5.02E+03
20	145	PAWNEE	KS	36052	166	15	10180	28	32798		16672	1114		8.70E+02	3.03E+03
20	147	PHILLIPS	KS	68722	1111	67	33823	157	3453		52574	2191		3.60E+03	8.31E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
20	149	POTTAWATOMIE	KS	67129	2161	78	28845	31	7073		61686	919		9.50E+05	4.20E+04
20	151	PRATT	KS	38960	686	16	7809	60			24784	1242		4.10E+04	3.46E+04
20	153	RAWLINS	KS	45213	1819	36	20762	11	1852		22389	3671		9.50E+03	1.19E+04
20	155	RENO	KS	69167	4704	78	25118	153	3440		61691	20080	13	6.50E+05	1.65E+05
20	157	REPUBLIC	KS	30945	882	46	18875	67	32653		32186	2997		3.10E+03	1.30E+04
20	159	RICE	KS	41287	1443	10	11528	4[illegible]	16871		27152	1284		1.10E+03	3.26E+03
20	161	RILEY	KS	37505	1889	56	14688	52	4794		41016	1505		1.30E+04	1.07E+04
20	163	ROOKS	KS	46145	1483	31	20833	20	3281		11362	457	75	7.90E+02	3.80E+03
20	165	RUSH	KS	35514	140	25	15118	16	1697		4272	473		6.90E+03	1.67E+04
20	167	RUSSELL	KS	37110	1153	28	18383	24	1568		5381	963		2.10E+03	5.58E+03
20	169	SALINE	KS	54826	1924	27	19250	100	20243		21051	351		6.70E+03	7.75E+03
20	171	SCOTT	KS	72282	12	9	5100	11	102710		12344	18		1.00E+03	1.21E+03
20	173	SEDGWICK	KS	54311	7394	67	16174	149	15390		59964	23267	81475	5.20E+05	1.17E+05
20	175	SEWARD	KS	54143	31	3	4184	11	69589		10648	4		7.20E+01	8.31E+02
20	177	SHAWNEE	KS	37579	1121	58	11897	129	3990		20220	3781	1212	5.50E+04	4.16E+04
20	179	SHERIDAN	KS	58044	1797	30	18924	8	53538		21022	569		2.80E+03	5.06E+03
20	181	SHERMAN	KS	38199	263	25	13568	28	22423		8422	3868	25	1.80E+03	3.03E+03
20	183	SMITH	KS	73916	1406	55	28957	59	18159		46456	1738		1.20E+03	5.28E+03
20	185	STAFFORD	KS	42912	340	14	15173	21	3351		11181	598		3.30E+02	2.23E+03
20	187	STANTON	KS	30406	14	5	8060	8	62192		4030	69		9.80E+01	5.11E+02
20	189	STEVENS	KS	31580	132	10	9106	11			3807	33		2.10E+02	1.57E+03
20	191	SUMNER	KS	53923	1416	67	20224	163	7008		30848	10177		4.20E+03	1.51E+04
20	193	THOMAS	KS	47020	230	11	12203	25	36041		18066	4252		1.30E+03	1.93E+03
20	195	TREGO	KS	40673	1058	41	19237	50	1034		4891	739	10	1.30E+03	4.55E+03
20	197	WABAUNSEE	KS	60666	1271	50	25057	31	4936		35312	1877		2.00E+05	1.77E+05
20	199	WALLACE	KS	31777	258	15	12209	10	6963		6409	1889		1.40E+03	9.13E+02
20	201	WASHINGTON	KS	86313	3433	83	26421	92	29311		122627	6427	55	1.60E+04	2.63E+04
20	203	WICHITA	KS	51681	126	7	7116	12	103333		3694	116			8.14E+02
20	205	WILSON	KS	42011	822	48	20778	137	2114		24441	321			
20	207	WOODSON	KS	42983	591	39	16513	48	12458		14240	1095	50	5.90E+02	2.64E+03
20	209	WYANDOTTE	KS	4556	261	10	1650	38	2257		1477	124		2.40E+03	5.71E+03
21	0		KY	3033010	269912	10671	1275020	15139	97045	146	1557385	36344	16415	9.60E+06	2.79E+06
21	1	ADAIR	KY	40760	7459	164	15149	157	689		11016	192		4.10E+02	6.1[illegible]E+03
21	3	ALLEN	KY	40828	2180	106	20264	161	678		15732	30		1.80E+03	6.19[illegible]03
21	5	ANDERSON	KY	19201	2974	30	6812	156	175		901	136		4.40E+02	2.58E+03
21	7	BALLARD	KY	17228	1844	19	6852	81	297		21926	24		3.00E+02	2.10[illegible]03
21	9	BARREN	KY	84147	13506	181	32126	366	2186		22592	433	15		1.34E+04
21	11	BATH	KY	31866	2774	65	14351	111	603		2744	7		8.50E+04	2.11E+04
21	13	BELL	KY	664	39	31	286	12			1063			1.50E+02	7.[illegible]1E+02
21	15	BOONE	KY	20926	1556	28	10019	137	1080		7102	301		1.10E+03	4.76E+03
21	17	BOURBON	KY	34868	1350	78	24166	97	2060		27403	3973			5.24E+03
21	19	BOYD	KY	4957	420	8	2200	19	117		450	24		4.40E+05	2.39E+04
21	21	BOYLE	KY	36413	2318	54	13754	58	1214		5401	2011		1.70E+02	2.99E+03
21	23	BRACKEN	KY	18849	4119	21	5931	186	185		1393	68		4.00E+02	3.61E+03
21	25	BREATHITT	KY	1396	226	116	302	81	86		914				1.09E+04
21	27	BRECKINRIDGE	KY	42033	1407	287	21931	244	1242		40851	122	4	9.80E+02	9.26E+03
21	29	BULLITT	KY	17720	2041	66	6971	73	398		7829			1.60E+03	3.85E+03
21	31	BUTLER	KY	22024	971	119	10677	130	634		18440	167		9.50E+02	5.15E+03
21	33	CALDWELL	KY	26820	1677	43	12295	88	766		28458	78		1.00E+03	5.24E+03
21	35	CALLOWAY	KY	22196	2643	38	9860	207	440		17803	50		2.90E+04	
21	37	CAMPBELL	KY	9409	1336	32	3374	155	121		1250	36		3.30E+03	9.44E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
21	39	CARLISLE	KY	14294	1564	13	6694	67	630		12720	29		9.50E+02	2.64E+03
21	41	CARROLL	KY	11370	1221	15	5377	101	206		2450	63		1.40E+02	1.21E+03
21	43	CARTER	KY	12797	983	193	5432	157	118		636	32	64	6.70E+05	2.40E+05
21	45	CASEY	KY	41779	4421	270	18255	252	330		6874	69	40	3.70E+03	9.52E+03
21	47	CHRISTIAN	KY	52475	900	50	26450	144	1348		71151	314	200	2.50E+04	4.81E+04
21	49	CLARK	KY	42103	854	123	17450	135	1576		10100	3069		3.70E+02	1.02E+05
21	51	CLAY	KY	6690	406	187	2373	115	101		811	54		5.20E+04	5.45E+03
21	53	CLINTON	KY	22219	1349	171	10913	87	68		15628	27		3.10E+00	3.78E+03
21	55	CRITTENDEN	KY	25919	240	54	13175	38	1180		19770	14		2.70E+02	3.14E+03
21	57	CUMBERLAND	KY	17516	1734	124	8667	112	84		10825	2		3.00E+04	5.89E+03
21	59	DAVIESS	KY	37548	3130	165	15652	256	7852		27134	56		2.00E+05	
21	61	EDMONSON	KY	18535	1277	98	8436	119	379		11752	47	12	5.20E+05	4.26E+03
21	63	ELLIOTT	KY	6656	374	177	3045	103	71		384	12			2.90E+03
21	65	ESTILL	KY	10276	238	92	4631	118	77		4100		10	3.50E+02	3.93E+03
21	67	FAYETTE	KY	39328	905	44	19812	89	629		10828	1343	12	5.90E+02	3.63E+03
21	69	FLEMING	KY	41767	7321	81	16498	158	1369		6585	60	7	8.20E+04	1.61E+04
21	71	FLOYD	KY	1222	79	50	449	71	63		346	25		5.50E+02	1.30E+03
21	73	FRANKLIN	KY	21118	473	74	10314	154	452		2684	210		5.80E+02	2.71E+03
21	75	FULTON	KY	10483	286	15	4840	23	496		13897	211		3.10E+01	8.35E+02
21	77	GALLATIN	KY	7512	1251	14	3043	48			344	186		3.10E+02	1.26E+03
21	79	GARRARD	KY	43985	3447	76	18642	142	830		11118	401		9.00E+01	3.99E+03
21	81	GRANT	KY	22148	1819	75	8569	187	426		2190	553		5.50E+02	3.41E+03
21	83	GRAVES	KY	32397	2380	57	13892	279	1191		37046	723		5.70E+04	3.61E+04
21	85	GRAYSON	KY	46005	3959	249	18866	298	1014		30189	141	6	7.80E+04	5.02E+04
21	87	GREEN	KY	38743	6477	116	16078	160	557		13724	176	20	2.20E+06	7.06E+03
21	89	GREENUP	KY	9272	485	128	3851	180	248		1139			3.10E+05	6.58E+04
21	91	HANCOCK	KY	11282	74	44	5385	111	545		5842	4			2.86E+03
21	93	HARDIN	KY	63092	4857	243	26574	318	2766	6	32806	367		8.20E+04	6.10E+04
21	95	HARLAN	KY	789	41	16	346	12			91	12		1.50E+01	8.23E+02
21	97	HARRISON	KY	44345	1401	71	21695	198	1266	28	18095	1576		8.40E+02	4.68E+03
21	99	HART	KY	45372	7784	123	16055	184	768		10044	191		5.50E+02	7.06E+03
21	101	HENDERSON	KY	31631	56	26	15162	89	2691		43988	176		1.00E+04	9.96E+03
21	103	HENRY	KY	36319	5191	59	13278	147	539		10107	1609		8.00E+02	3.79E+03
21	105	HICKMAN	KY	17634	1221	13	6935	66	1121		21038	124		3.80E+01	8.23E+02
21	107	HOPKINS	KY	18214	709	53	8645	95	815		18353	7		1.30E+03	3.84E+03
21	109	JACKSON	KY	12943	1730	235	4836	165	126		2301	20		6.40E+02	6.23E+03
21	111	JEFFERSON	KY	19226	2142	39	7188	168	625		5631	70		7.50E+02	3.13E+03
21	113	JESSAMINE	KY	27611	555	57	12235	141	584		4870	669		3.00E+02	3.67E+03
21	115	JOHNSON	KY	2116	106	62	994	65	29		300	20		6.40E+01	
21	117	KENTON	KY	10633	836	32	5138	144	217		1624	281		4.40E+04	4.94E+04
21	119	KNOTT	KY	117	13	9	33	9							
21	121	KNOX	KY	5908	485	112	2171	119	125		870		10	1.50E+03	3.70E+03
21	123	LARUE	KY	39115	4652	96	13634	163	1212		19466	128		1.30E+03	4.30E+03
21	125	LAUREL	KY	25199	2752	320	9567	284	518		2063		36	2.00E+06	6.54E+03
21	127	LAWRENCE	KY	6138	468	70	3024	101	82		343			2.20E+05	1.13E+05
21	129	LEE	KY	1979	205	78	776	57			584	14		1.60E+02	9.32E+03
21	131	LESLIE	KY	90	30	20	20	15			240			4.90E+01	8.41E+02
21	133	LETCHER	KY	369	28	14	178	39			111				1.21E+03
21	135	LEWIS	KY	19143	3413	87	6414	190	364		793	29		2.10E+05	2.10E+05
21	137	LINCOLN	KY	64844	5795	219	23587	262	1328		12470	177		3.70E+00	7.92E+03
21	139	LIVINGSTON	KY	31440	505	45	14637	16	926		17421	144		5.80E+02	2.71E+03
21	141	LOGAN	KY	62423	7203	77	26094	160	999		38449		15		1.81E+04
21	143	LYON	KY	12505	254	11	5993	21	222		13112	16			5.37E+03
21	145	MC CRACKEN	KY	12183	744	12	5354	119	354		8987	106		3.60E+04	3.18E+04
21	147	MC CREARY	KY	1678	108	43	637	34			590		45	2.90E+02	1.59E+03
21	149	MC LEAN	KY	12050	159	12	6002	73	678		18331	56		1.20E+02	2.50E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
21	151	MADISON	KY	62974	1010	212	25601	196	2264		9084	139		1.40E+01	1.57E+04
21	153	MAGOFFIN	KY	2556	307	129	981	75	32		390	17	150	1.90E+02	4.59E+03
21	155	MARION	KY	32814	6150	129	19978	87	2613		16321	164		6.10E+01	3.82E+03
21	157	MARSHALL	KY	16394	306	41	8164	169	371		33017	235		1.30E+03	3.23E+03
21	159	MARTIN	KY	501	18	2	295	4	20		63	9			4.89E+02
21	161	MASON	KY	32787	5595	32	11966	135	970		8148	1082		5.90E+02	2.32E+04
21	163	MEADE	KY	30550	701	217	13790	93	2162		27747	190	85	4.40E+04	3.25E+04
21	165	MENIFEE	KY	4803	342	84	1752	94	144		638	1	45		2.79E+03
21	167	MERCER	KY	25112	5075	62	16856	161	652		10517	1271	11	1.80E+01	4.63E+03
21	169	METCALFE	KY	27959	5703	121	9629	140	817		8106	38		1.80E+02	3.83E+03
21	171	MONROE	KY	38651	4951	121	15733	191	548		18694	129		1.60E+03	7.23E+03
21	173	MONTGOMERY	KY	34168	1903	114	14968	81	1035		1759	231			3.77E+03
21	175	MORGAN	KY	9662	822	260	4250	185	93		811	10		9.40E+02	3.84E+03
21	177	MUHLENBERG	KY	18607	560	62	9416	82	548		19483				
21	179	NELSON	KY	36883	8574	113	20027	199	3379		32737	88		8.30E+02	5.54E+03
21	181	NICHOLAS	KY	24254	1246	54	10675	100	776		5515	1356		1.10E+02	3.74E+03
21	183	OHIO	KY	24187	601	128	11928	161	988		20062	140	1	6.30E+02	5.93E+03
21	185	OLDHAM	KY	26624	3689	28	9424	50	766		11147	177			7.75E+03
21	187	OWEN	KY	26355	2273	42	11531	136	351		397	761		3.10E+01	2.07E+03
21	189	OWSLEY	KY	1762	162	87	716	65	2		1284		1	7.50E+02	2.63E+03
21	191	PENDLETON	KY	24125	3494	48	9978	249	342		2931	317		4.80E+02	3.75E+03
21	193	PERRY	KY	404	65	20	96	5			988				8.05E+03
21	195	PIKE	KY	774	52	22	309	18	32		357	11		1.90E+02	1.69E+03
21	197	POWELL	KY	5355	89	59	2614	61	94		1292			2.50E+01	1.90E+03
21	199	PULASKI	KY	67518	9599	155	28432	302	1848		18535	7	40	2.00E+04	2.48E+04
21	201	ROBERTSON	KY	7219	1035	20	2745	72	36		102	209		1.60E+02	9.83E+02
21	203	ROCKCASTLE	KY	21246	2637	176	9068	115	338		2874	14	292	2.50E+01	2.62E+04
21	205	ROWAN	KY	6133	424	95	2641	56	134		2308	30			2.24E+04
21	207	RUSSELL	KY	28333	3320	202	12057	182	350		13594	95			1.33E+04
21	209	SCOTT	KY	42442	435	42	19754	141	1727		10860	2827		2.20E+02	3.00E+03
21	211	SHELBY	KY	62011	15067	71	16045	212	1485		18716	476	14	3.00E+01	2.50E+04
21	213	SIMPSON	KY	30389	4079	46	11141	77	1016		28287			5.00E+02	2.45E+03
21	215	SPENCER	KY	24583	6629	22	6168	113	421		5523	47		3.80E+02	2.63E+03
21	217	TAYLOR	KY	35007	4418	64	14521	120	936		18939				1.48E+04
21	219	TODD	KY	34079	3203	52	13295	62	1050		29027	769		1.60E+05	1.42E+05
21	221	TRIGG	KY	25484	393	33	13519	63	724		28139	100		3.90E+02	2.83E+03
21	223	TRIMBLE	KY	11267	1302	20	4531	146	247		3110			1.30E+03	2.38E+03
21	225	UNION	KY	40935	112	26	16939	31	7157		121955	173		1.60E+02	1.15E+03
21	227	WARREN	KY	75723	4424	116	34932	303	2370		39316		40	1.10E+03	7.79E+03
21	229	WASHINGTON	KY	46289	5516	96	17889	142	716		6551	417		2.00E+01	4.08E+03
21	231	WAYNE	KY	27917	1925	229	12246	201	1119		56102	169		1.20E+05	4.44E+04
21	233	WEBSTER	KY	19134	103	33	8903	63	1231		41988	228		1.30E+03	4.81E+03
21	235	WHITLEY	KY	8213	608	83	3720	113	110		1118			3.50E+05	6.80E+03
21	237	WOLFE	KY	4737	338	166	2315	129	115		1035	2		3.60E+02	3.94E+03
21	239	WOODFORD	KY	39061	2[illegible]7	42	178[illegible]	82	1347		6603	3160		8.90E+02	2.33E+03
22	0		LA	1515509	125302	3709	746592	4426	31323		108316	8140	415	6.10E+07	2.92E+06
22	1	ACADIA	LA	36526	1040	102	15777	86	10[illegible]3		2196	2800		7.60E+02	5.02E+03
22	3	ALLEN	LA	11831	320	49	5420	64	47		261	293		1.80E+02	2.09E+03
22	5	ASCENSION	LA	9869	69	43	3798	21	46		178	1			
22	7	ASSUMPTION	LA	429	42	3	2[illegible]	17	3		43				2.68E+02
22	9	AVOYELLES	LA	43033	1661	260	23083	237	717		4635	34	60	4.10E+02	8.83E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
22	11	BEAUREGARD	LA	28467	1540	109	14574	107	225		1164	912	4	7.00E+04	5.63E+04
22	13	BIENVILLE	LA	15208	1346	49	7446	64	129		313			4.90E+05	5.02E+04
22	15	BOSSIER	LA	40534	814	27	21704	59	162		220	26		2.00E+02	1.59E+03
22	17	CADDO	LA	60704	1686	49	29697	62	3154		2387	19	4	1.00E+05	9.31E+04
22	19	CALCASIEU	LA	43602	150	59	26742	71	227		1573	283		4.20E+04	3.03E+04
22	21	CALDWELL	LA	10409	81	43	5654	60			749	3		1.10E+02	1.39E+03
22	23	CAMERON	LA	31764	135	47	19115	32	2		244	270		2.10E+02	1.24E+03
22	25	CATAHOULA	LA	15147	330	56	6978	31	800		3539			3.10E+01	1.54E+03
22	27	CLAIBORNE	LA	22529	3873	30	9877	67	227		272			2.00E+06	4.76E+03
22	29	CONCORDIA	LA	16058	68	41	9582	35	14		151	80	59		1.57E+02
22	31	DE SOTO	LA	32654	9979	30	22742	70	329		178	46		8.70E+05	8.53E+04
22	33	EAST BATON R	LA	30556	2887	32	15059	68	371		1045	113		5.30E+04	2.74E+04
22	35	EAST CARROLL	LA	7773	41	29	2180	21			676	4		8.70E+01	7.27E+02
22	37	EAST FELICIA	LA	40268	3036	53	20283	70	1314		691	20		9.80E+01	1.35E+04
22	39	EVANGELINE	LA	29821	1293	151	18087	192	165		1263	306		1.30E+03	4.89E+03
22	41	FRANKLIN	LA	42908	1466	127	22681	132	436		2537	9	8	7.30E+01	3.43E+03
22	43	GRANT	LA	14713	333	42	8656	26	53		2695				
22	45	IBERIA	LA	10888	2173	55	4577	86	135		1513	34		1.10E+02	1.23E+03
22	47	IBERVILLE	LA	18226	109	2	9466	10	30		90				5.02E+02
22	49	JACKSON	LA	8717	290	62	4685	22	27		412			3.10E+06	1.08E+05
22	51	JEFFERSON	LA	1454			813	3			183			8.50E+02	3.55E+02
22	53	JEFFERSON DA	LA	18899	273	30	11135	28			1857	447		1.00E+02	1.50E+03
22	55	LAFAYETTE	LA	28029	5563	199	12679	175	190		1487	188		1.00E+03	7.27E+03
22	57	LAFOURCHE	LA	20862	88	24	12186	21	425		55			3.10E+03	2.71E+03
22	59	LA SALLE	LA	7987	208	49	4103	41	74		1379			9.50E+03	1.26E+04
22	61	LINCOLN	LA	18297	1379	38	8974	38	29		229			8.90E+06	
22	63	LIVINGSTON	LA	15382	1162	70	8007	113	102		1000	8		2.60E+06	5.37E+05
22	65	MADISON	LA	9192	398	19	3225	18	1560		2241	24		1.90E+03	4.89E+03
22	67	MOREHOUSE	LA	22050	1419	20	9910	43	282		1031			9.90E+00	1.14E+03
22	69	NATCHITOCHES	LA	72267	262	93	39826	102			245	18		5.50E+06	2.51E+03
22	71	ORLEANS	LA												
22	73	OUACHITA	LA	15493	845	31	7428	38	198		2132		5	3.80E+05	2.16E+04
22	75	PLAQUEMINES	LA	3775			1590								6.02E+01
22	77	POINTE COUPE	LA	38909	698	54	23673	55	385		1096	7		4.90E+01	8.57E+03
22	79	RAPIDES	LA	30266	1805	144	26847	111	387		6353	37		1.20E+06	1.69E+05
22	81	RED RIVER	LA	39831	160	15	22932	39	37		1227	12			
22	83	RICHLAND	LA	35107	3349	75	17267	109	86		3838			9.50E+01	2.25E+03
22	85	SABINE	LA	18160	1545	70	8308	71	767		703	3		1.10E+07	7.92E+03
22	87	ST BERNARD	LA	768	1	1	644								7.79E+01
22	89	ST CHARLES	LA	7844	4	4	3693	4							1.80E+01
22	91	ST HELENA	LA	26760	9784	65	7007	57	181		962			1.90E+05	8.70E+04
22	93	ST JAMES	LA	750	18	12	445	7	84		24			1.40E+02	1.75E+02
22	95	ST JOHN THE	LA	918	2	2	429		20		512				
22	97	ST LANDRY	LA	45252	3444	357	22290	463	864		2990	357		7.70E+02	1.58E+04
22	99	ST MARTIN	LA	10671	760	83	5670	144	104		449	30		7.70E+01	5.02E+03
22	101	ST MARY	LA	827	8	8	414	9			60			1.90E+02	5.28E+02
22	103	ST TAMMANY	LA	22176	1214	42	11411	61	359		991	127		8.00E+04	7.88E+04
22	105	TANGIPAHOA	LA	71892	27104	92	17276	130	313		831	154	275	5.40E+06	9.07E+05
22	107	TENSAS	LA	24011	151	22	15410	17	418		6789	52		7.70E+01	6.28E+02
22	109	TERREBONNE	LA	4224	17	2	2481	2	13						4.98E+02
22	111	UNION	LA	24199	1494	48	11966	80	170		1884	24		1.50E+07	7.14E+04
22	113	VERMILION	LA	49403	1922	133	28261	138	396		668	914		2.70E+03	7.27E+03
22	115	VERNON	LA	25054	2781	54	10094	87	160		692	81		2.50E+06	1.24E+04
22	117	WASHINGTON	LA	56048	19883	116	14095	189	1209		2486	40		1.70E+02	4.76E+03
22	119	WEBSTER	LA	25872	1286	38	13248	75	218		2326	121		5.30E+04	6.62E+04
22	121	WEST BATON R	LA	4264	211	14	2497	10	126		21			1.20E+01	7.32E+02

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
22	123	WEST CARROLL	LA	22807	827	92	11129	137	573		28105			5.30E+04	8.10E+04
22	125	WEST FELICIA	LA	23479	997	10	11927	24	894						7.75E+02
22	127	WINN	LA	9644	88	37	4957	39	108		909				1.13E+04
23	0		ME	137366	61293	683	11151	1417	1695	41	7844	7588	1391	9.70E+07	7.27E+06
23	1	ANDROSCOGGIN	ME	12573	6018	33	531	53	142		264	248		1.90E+07	2.94E+06
23	3	AROOSTOCK	ME	11081	3608	118	2170	175	262		921	335		5.40E+04	3.84E+04
23	5	CUMBERLAND	ME	8404	3326	36	940	118	268		1723	163		4.50E+06	3.87E+05
23	7	FRANKLIN	ME	5845	2532	28	423	79	53		123	387		1.80E+06	5.11E+04
23	9	HANCOCK	ME	528	165	19	56	37			133	47		1.40E+06	1.23E+04
23	11	KENNEBEC	ME	36390	9562	71	1212	129	290		1172	395	194	2.30E+07	8.44E+05
23	13	KNOX	ME	2798	900	28	437	48	32		44	386	299	3.90E+06	3.97E+05
23	15	LINCOLN	ME	2584	1006	33	249	66	74		124	686	799	1.30E+06	1.26E+05
23	17	OXFORD	ME	9102	3423	57	972	156	69		495	160	100	2.50E+06	2.06E+04
23	19	PENOBSCOT	ME	16825	8736	58	634	112	128		805	982		4.50E+06	3.44E+05
23	21	PISCATAQUIS	ME	3942	2198	14	337	27	20		21	476		1.30E+05	2.03E+04
23	23	SAGADAHOC	ME	2205	1038	11	176	21			24	459		1.50E+06	4.81E+04
23	25	SOMERSET	ME	17973	8654	65	1129	158	121		611	948	15	5.60E+06	6.67E+05
23	27	WALDO	ME	10597	5008	47	479	75	93		693	1223	1	1.80E+07	4.81E+05
23	29	WASHINGTON	ME	1500	484	14	326	41	7		164	178		3.80E+05	2.13E+05
23	31	YORK	ME	10819	4635	51	1080	121	116		497	515		4.50E+06	6.28E+05
24	0		MD	380160	136709	787	62977	2222	27365	39	240631	11444	64307	1.90E+08	1.38E+06
24	1	ALLEGANY	MD	5850	773	20	2197	44	308		1035	349		4.00E+04	1.24E+04
24	3	ANNE ARUNDEL	MD	3013	363	17	1410	70	1209		4007	57	11064	6.30E+02	2.74E+03
24	5	BALTIMORE	MD	19827	5607	53	4628	144	1400		5832	1186	1161	1.80E+05	6.58E+04
24	9	CALVERT	MD	2487	62	29	1232	101	197		1759	103	280	2.30E+03	6.41E+03
24	11	CAROLINE	MD	7500	2636	23	960	76	223		10533	275	1060	2.50E+07	8.35E+04
24	13	CARROLL	MD	14191	17042	77	4491	271	7701		23162	1311	308	1.30E+06	2.50E+05
24	15	CECIL	MD	16999	7598	35	2877		624		1624	510	48	1.90E+05	3.41E+04
24	17	CHARLES	MD	4819	160	37	2296	74	705		6396	264	91	4.00E+03	1.03E+04
24	19	DORCHESTER	MD	2580	538	11	549	84	232		13619	260		7.30E+06	3.19E+04
24	21	FREDERICK	MD	80173	40408	58	7411	226	1770		6739	752		9.30E+04	6.84E+04
24	23	GARRETT	MD	24684	7100	71	5187	116	2196		2859	2041	3614	7.10E+05	9.05E+04
24	25	HARFORD	MD	28174	9966	46	5102		1726		6203	359	10	8.10E+03	1.36E+04
24	27	HOWARD	MD	15170	3204	22	2709		2282		8246	648		7.70E+03	8.70E+03
24	29	KENT	MD	12659	5754	13	1041	29	252		7424	448	772	1.40E+05	5.02E+03
24	31	MONTGOMERY	MD	22725	6427	30	5852		497		3799	423		4.50E+03	5.67E+04
24	33	PRINCE GEORG	MD	5791	359	18	2486	93	276		8477	278		2.10E+03	4.43E+03
24	35	QUEEN ANNES	MD	11994	5234	16	1274	51	484		14700	513		1.40E+06	9.96E+03
24	37	ST MARYS	MD	5613	565	77	2033	117	536		20030	175	1551	2.20E+04	2.65E+04
24	39	SOMERSET	MD	3652	901	24	846		210		8167	281		3.30E+07	1.55E+05
24	41	TALBOT	MD	5453	1954	10	867	32	355		12746	535		6.40E+06	1.97E+03
24	43	WASHINGTON	MD	45905	19044	44	5350	144	3762		14418	535	16975	3.30E+04	2.93E+04
24	45	WICOMICO	MD	2673	151	29	860	63	356		30458	23	1900	6.80E+07	2.87E+05
24	47	WORCESTER	MD	3928	665	27	1249	44	62		28366	78		5.10E+07	1.82E+05

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
25	0		MA	103938	35328	258	7650	793	1797	231	52581	3600	171486	3.30E+06	1.68E+06
25	1	BARNSTABLE	MA	[illegible]	90	1	14	4	2			18		6.40E+02	1.02E+03
25	3	BERKSHIRE	MA	14235	7469	22	966	50	62		399	355		9.40E+04	7.10E+04
25	5	BRISTOL	MA	10789	6284	20	1064	56	130		11585	75		3.60E+05	1.37E+05
25	7	DUKES	MA	158	28	5	67	5	6		5	309		3.80E+01	2.29E+02
25	9	ESSEX	MA	5246	2946	11	427	65			4343	55	1500	2.30E+05	9.00E+04
25	11	FRANKLIN	MA	14923	7396	39	691	107	259		153	91	6114	4.20E+04	3.43E+04
25	13	HAMPDEN	MA	6829	3878	13	453	55	88		1774	170	40512	6.90E+04	4.50E+04
25	15	HAMPSHIRE	MA	11619	6067	36	537	82	503		2674	631		1.70E+05	2.23E+05
25	17	MIDDLESEX	MA	6592	2688	19	1266	79	70		8813	301	17620	5.50E+05	3.66E+05
25	19	NANTUCKET	MA												
25	21	NORFOLK	MA	1867	880	9	280	29	110		1626	182	9548	2.60E+04	3.77E+04
25	23	PLYMOUTH	MA	7598	4906	10	235	53	160		2994	339	6792	2.00E+05	8.83E+04
25	25	SUFFOLK	MA												
25	27	WORCESTER	MA	23918	12696	73	1635	208	407		18813	1074	15662	1.30E+06	7.89E+05
26	0		MI	1430262	392888	2597	195130	8742	259659	476	1013950	120317	1118975	1.40E+07	6.19E+06
26	1	ALCONA	MI	8208	747	9	3259	43	179		284	839		2.10E+02	
26	3	ALGER	MI	2786	870	5	424	18	27		179	136		3.90E+03	
26	5	ALLEGAN	MI	45263	13918	70	3950	228	10653		80283	2530	117771	1.60E+06	8.01E+05
26	7	ALPENA	MI	14781	3045	23	3249	75	424		3863	571		3.00E+04	2.61E+04
26	9	ANTRIM	MI	7158	1350	14	1335	23	1204		613	40	15361	1.10E+05	4.72E+04
26	11	ARENAC	MI	10409	3591	5	928	49	883		3877	56		7.40E+03	1.27E+04
26	13	BARAGA	MI	1596	585	15	372	26	15		1			6.80E+01	1.55E+02
26	15	BARRY	MI	27730	7164	92	4144	224	2858		15735	3486	34337	1.00E+05	8.61E+04
26	17	BAY	MI	5987	1608	28	704	104	1433		1946	26		1.20E+04	1.75E+04
26	19	BENZIE	MI	2539	142	3	1081	20	252		3651			8.30E+02	4.85E+02
26	21	BERRIEN	MI	9727	2685	46	1552	142	1737		24705	307		2.20E+05	1.22E+05
26	23	BRANCH	MI	25704	6186	44	3834	175	6401		42235	7896		1.60E+05	2.75E+04
26	25	CALHOUN	MI	37711	8545	61	5635	218	9884		30737	4959	290	1.30E+05	9.00E+04
26	27	CASS	MI	19955	3862	74	4809	136	3794	4	130774	3038	809	1.20E+05	1.13E+05
26	29	CHARLEVOIX	MI	7318	1896	24	1814	52	196		235			3.30E+04	2.55E+04
26	31	CHEBOYGAN	MI	7279	1056	8	2622	30	129		646	392		3.30E+02	8.44E+02
26	33	CHIPPEWA	MI	11102	2413	20	2848	102	205		246	1293			1.44E+04
26	35	CLARE	MI	13691	2816	15	2260	65	1176		3375	2113		1.70E+03	2.24E+03
26	37	CLINTON	MI	42644	14149	46	3240	173	7101		31550	4753		7.00E+04	4.76E+04
26	39	CRAWFORD	MI												
26	41	DELTA	MI	11705	2709	32	3605	66	147		491			1.10E+04	1.40E+04
26	43	DICKINSON	MI	4244	1435	2	756	43	15		9			5.50E+02	2.09E+03
26	45	EATON	MI	26852	6101	73	4932	287	3956		18824	5536	97	2.10E+05	2.75E+04
26	47	EMMET	MI	7043	1211	20	2099	50	89		374	30		1.90E+04	1.73E+04
26	49	GENESEE	MI	21138	4339	25	2700	153	7933		6748	1695		8.20E+04	7.92E+04
26	51	GLADWIN	MI	13746	2259	18	2828	82	906		2969	878	200	2.70E+03	3.87E+03
26	53	GOGEBIC	MI	1263	360	12	354	19			10				8.31E+01
26	55	GRAND TRAVER	MI	8214	904	32	1479	81	901		1183	149		6.00E+04	1.34E+04
26	57	GRATIOT	MI	26301	6262	41	2470	91	10337		18678	1079		1.40E+06	1.58E+05
26	59	HILLSDALE	MI	31470	14193	68	2932	218	6211	24	41483	2423	13945	5.60E+05	1.19E+05
26	61	HOUGHTON	MI	3574	1628	17	320	30	24		100	108	7	6.40E+03	2.61E+04
26	63	HURON	MI	72463	17865	67	4170	142	29959		16993	291		1.10E+06	6.71E+05
26	65	INGHAM	MI	33014	11342	41	4063	207	4078		21458	3604		6.30E+04	5.97E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
26	67	IONIA	MI	39657	12394	61	3601	201	1881		27691	3535		4.30E+05	2.56E+05
26	69	IOSCO	MI	10879	1243	18	3408	75	1358		3097	504	120	3.10E+02	1.22E+03
26	71	IRON	MI	2662	411	4	933	26	19		129	7			
26	73	ISABELLA	MI	39189	9891	32	3530	165	12220		19454	564		2.40E+05	6.28E+04
26	75	JACKSON	MI	40002	8679	57	6809	333	8725		18532	4024		2.30E+04	2.81E+04
26	77	KALAMAZOO	MI	22706	4120	49	3209	159	7595		37364	1018	3	9.00E+05	1.65E+05
26	79	KALKASKA	MI	1016	291	3	151	7	146		53	20		9.90E+01	4.72E+02
26	81	KENT	MI	40330	12087	40	5704	200	5594		21346	1164	7	3.10E+05	9.39E+04
26	83	KEWEENAW	MI												
26	85	LAKE	MI	3031	543	9	997	26	64		741	79		4.80E+03	4.89E+03
26	87	LAPEER	MI	42536	13524	87	3710	234	6493		8701	1364	245	3.00E+03	2.01E+04
26	89	LEELANAU	MI	6906	891	23	1228	48	2707		1861	24	15	7.40E+02	2.74E+04
26	91	LENAWEE	MI	32933	8191	44	2089	160	14175		43744	5068		3.60E+05	1.90E+05
26	93	LIVINGSTON	MI	25370	7408	40	3404	140	4112		4427	3593		3.90E+03	6.80E+03
26	95	LUCE	MI	1025	1	1	282	6	10		118	11			
26	97	MACKINAC	MI	3664	1123	10	875	5	19		21			1.40E+02	1.26E+03
26	99	MACOMB	MI	12203	3801	26	1894	97	2408		4289	368	549	3.60E+04	2.61E+04
26	101	MANISTEE	MI	3679	348	14	1340	41	187		741	367		7.90E+04	3.26E+04
26	103	MARQUETTE	MI	2328	638	2	369	37	10		435		126	1.20E+03	2.58E+03
26	105	MASON	MI	13227	4001	27	1454	77	1592		1872	423		2.50E+04	2.47E+04
26	107	MECOSTA	MI	20700	5237	47	2748	158	4799		3862	593		4.90E+01	5.63E+04
26	109	MENOMINEE	MI	21680	7996	16	2562	90	465		1000	75		2.50E+02	2.20E+04
26	111	MIDLAND	MI	7543	1218	16	1089	97	3803		3301			1.30E+03	3.34E+03
26	113	MISSAUKEE	MI	18421	6461	16	1443	30	473		9165	587		4.30E+03	1.34E+04
26	115	MONROE	MI	9310	1700	61	758	94	3681		13030	1087	12	8.40E+04	8.35E+04
26	117	MONTCALM	MI	25210	8820	56	2434	168	2403		5775	1458		1.70E+05	
26	119	MONTMORENCY	MI	4365	1283	4	934	2			204	313		4.40E+03	3.29E+03
26	121	MUSKEGON	MI	12968	3916	42	1269	95	2071		4765	66		2.20E+04	2.48E+04
26	123	NEWAYGO	MI	19971	6310	30	3018	216	1067		7741	1855	4	3.20E+05	1.37E+05
26	125	OAKLAND	MI	9937	1973	19	3003	80	1176		3229	868		3.10E+04	3.89E+04
26	127	OCEANA	MI	14435	2495	37	3172	109	2022		3798	441		4.20E+04	3.97E+04
26	129	OGEMAW	MI	13952	4028	17	2088	34	609		746	1054		5.40E+01	1.33E+03
26	131	ONTONAGON	MI	4618	1024	14	1278	35	5		32	47			
26	133	OSCEOLA	MI	20291	7088	25	3183	110	414		4039	1189		2.40E+02	2.06E+04
26	135	OSCODA	MI	4424	1137	8	764	29	324			339			4.89E+03
26	137	OTSEGO	MI	4384	848	2	1586	26			134	34		1.40E+02	8.41E+02
26	139	OTTAWA	MI	34519	11884	56	3808	253	3423	19	49249	489	897590	1.90E+06	6.54E+05
26	141	PRESQUE ISLE	MI	13379	2466	12	4014	33	672		318	298		6.50E+02	7.92E+03
26	143	ROSCOMMON	MI	480	8		220				5			1.50E+02	5.54E+02
26	145	SAGINAW	MI	19727	6188	55	1735	182	3954		9947	1495		1.30E+05	5.67E+04
26	147	ST CLAIR	MI	31511	8176	79	4409	324	10425		6212	877		7.50E+05	1.42E+05
26	149	ST JOSEPH	MI	22062	5501	55	2948	181	3674		55405	3348	15	2.90E+05	1.45E+05
26	151	SANILAC	MI	79450	32460	75	4873	218	5852		12709	1053		1.80E+05	2.93E+04
26	153	SCHOOLCRAFT	MI	2553	108		1331	5			46	180			3.50E+01
26	155	SHIAWASSEE	MI	25613	8919	43	3011	139	2556		14840	1592		1.40E+05	2.19E+05
26	157	TUSCOLA	MI	29006	8261	61	3018	210	4783	21	16742	1148		5.80E+05	4.81E+05
26	159	VAN BUREN	MI	18225	3053	78	3350	250	6722		41492	583		2.80E+05	2.00E+05
26	161	WASHTENAW	MI	31002	9509	46	3628	184	5847		20337	23595	5060	9.70E+04	7.75E+04
26	163	WAYNE	MI	1851	319	17	730	63	455		1402	81	950	1.90E+04	3.33E+04
26	165	WEXFORD	MI	5592	1466	11	917	40	195			185			8.66E+02

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
27	0		MN	3665505	837699	2847	657260	9820	80RP 1	281	3398595	338472	22289156	2.50E+07	8.40E+06
27	1	AITKIN	MN	22602	4914	56	6558	162	66		2661	729	378012	1.40E+04	2.30E+04
27	3	ANOKA	MN	11058	2347	17	2539	176	1199		14301	225	231927	7.50E+04	5.93E+04
27	5	BECKER	MN	51778	12145	62	9765	202	1592		25624	4690	841867	1.20E+05	8.66E+04
27	7	BELTRAMI	MN	26408	3839	70	10475	112	340		11749	2462		7.10E+03	9.57E+03
27	9	BENTON	MN	43954	14830	20	6081	137	1676		40496	926	584	2.40E+04	1.44E+05
27	11	BIG STONE	MN	22007	2296	7	5456	39	8163		35341	1452		6.00E+04	4.09E+04
27	13	BLUE EARTH	MN	32862	3522	25	7322	95	16126	30	129777	16568	170180	1.20E+05	6.02E+04
27	15	BROWN	MN	42748	10467	9	7051	49	17893		129720	1878	213855	6.30E+05	2.20E+05
27	17	CARLTON	MN	20170	5347	38	15	153	72		1560	575		5.40E+02	2.79E+03
27	19	CARVER	MN	52008	21678	17	4484	145	3172		45268	1274	37951	8.00E+04	6.10E+04
27	21	CASS	MN	26795	4763	59	9902	144	233		8008	2377		8.30E+04	6.71E+03
27	23	CHIPPEWA	MN	21337	2547	32	4711	64	10928		68388	2443		4.20E+05	8.40E+04
27	25	CHISAGO	MN	29246	7762	38	5132	189	2553		11396	976	93975	4.30E+04	4.76E+04
27	27	CLAY	MN	32596	4133	33	7707	75	6976		18251	7076		4.00E+05	2.90E+05
27	29	CLEARWATER	MN	26095	3028	61	9294	41	197		9992	5296	90	5.00E+05	3.50E+05
27	31	COOK	MN												
27	33	COTTONWOOD	MN	45705	3732	18	7785	47	29784		112087	6665	174698	2.50E+05	1.43E+05
27	35	CROW WING	MN	19080	3933	41	4932	157	253		11240	1580	253012	3.20E+03	4.76E+03
27	37	DAKOTA	MN	37850	10410	24	3064	111	11305		37880	1746	63253	7.00E+04	5.89E+04
27	39	DODGE	MN	40672	12193	24	4002	69	7193		66897	1911		2.10E+05	5.54E+04
27	41	DOUGLAS	MN	34835	18435	56	6945	195	3155	13	43714	2112	244988	7.70E+04	6.54E+04
27	43	FARIBAULT	MN	32252	3916	11	4162	71	21563		153400	7122		2.20E+05	1.64E+05
27	45	FILLMORE	MN	133064	23050	47	38180	143	18229		196655	8325	397590	5.90E+05	9.18E+04
27	47	FREEBORN	MN	39984	8512	40	5923	134	10214		173971	5185		9.80E+05	4.37E+05
27	49	GOODHUE	MN	92460	28494	30	12954	296	11302		75967	5416	73042	2.80E+05	1.13E+05
27	51	GRANT	MN	20735	7143	23	3636	20	6471		34035	1198		7.80E+04	5.45E+04
27	53	HENNEPIN	MN	23032	7806	30	2958	123	2040		12597	445	68975	1.00E+05	4.94E+04
27	55	HOUSTON	MN	85437	16783	30	20242	104	12706		91390	1289	219879	1.40E+05	5.58E+04
27	57	HUBBARD	MN	16508	1777	42	5849	71	103		9685	3243	23644	4.00E+04	2.69E+04
27	59	ISANTI	MN	21763	5554	34	3390	156	952		17069	824		2.10E+05	8.83E+04
27	61	ITASCA	MN	15437	1605	47	5837	137	180		4218	621		1.20E+04	1.60E+04
27	63	JACKSON	MN	50661	2794	20	8906	33	39500		133369	21168	204	4.30E+05	1.65E+05
27	65	KANABEC	MN	34102	8027	33	7094	132	1023		13150	1666		1.60E+05	6.15E+03
27	67	KANDIYOHI	MN	51210	13456	42	6106	116	13445		77285	4345	3072289	3.20E+05	1.02E+05
27	69	KITTSON	MN	17541	1276	40	7498	97	765		5108	5016		2.10E+03	5.02E+03
27	71	KOOCHICHING	MN	8643	307	40	3282	54	37		2419	415		5.70E+03	2.39E+04
27	73	LAC QUI PARL	MN	40303	3652	27	11220	74	13877		72205	2491		5.00E+05	7.75E+04
27	75	LAKE	MN	284	10	3	140	14	7			112			1.35E+04
27	77	LAKE OF THE	MN	8651	516	16	4007	23	118		4347	1301		2.60E+03	2.57E+03
27	79	LE SUEUR	MN	32534	8410	50	4329	130	7372		85283	2243	14451	1.40E+05	5.54E+04
27	81	LINCOLN	MN	54176	6421	34	11291	52	16721		68701	7124	150	5.50E+04	3.45E+04
27	83	LYON	MN	68475	4766	23	12258	57	41915		137073	7128		7.30E+04	1.08E+05
27	85	MC LEOD	MN	51459	21738	28	3199	146	5397		67400	841		2.50E+05	2.15E+05
27	87	MAHNOMEN	MN	22867	3838	29	5708	63	1088		12441	801		2.50E+04	1.84E+04
27	89	MARSHALL	MN	32173	3303	57	12780	178	1627		21397	12970		2.20E+03	7.36E+03
27	91	MARTIN	MN	44897	3859	19	5998	42	35029		213863	3913	150602	1.40E+05	8.66E+04
27	93	MEEKER	MN	44865	15647	29	3756	93	5225	20	87974	900	984939	8.10E+05	2.62E+05
27	95	MILLE LACS	MN	38371	13478	39	4552	166	1113		16223	1476		5.10E+05	1.80E+04
27	97	MORRISON	MN	82601	28533	47	11996	331	1313		73567	2897	1087349	2.00E+06	2.37E+05
27	99	MOWER	MN	47182	9816	30	8447	111	14743		130331	3845		3.10E+05	1.76E+05
27	101	MURRAY	MN	69989	8280	25	11615	42	34604		126219	7825	4834	1.20E+05	5.41E+04
27	103	NICOLLET	MN	28180	7924	33	2071	46	9239		95870	1128		2.40E+05	1.55E+05
27	105	NOBLES	MN	72296	8212	41	11948	95	44573		204893	15614	46686	3.90E+05	1.84E+05

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
27	107	NORMAN	MN	23894	4990	43	8230	75	6266		18072	3046		3.10E+04	2.19E+04
27	109	OLMSTED	MN	84716	14817	19	20246	339	12338		44318	4020	210843	1.10E+05	7.97E+04
27	111	OTTER TAIL	MN	141012	43017	76	19976	404	7989		98809	10499	2304216	2.60E+05	9.32E+04
27	113	PENNINGTON	MN	20964	3210	28	7333	92	813		10800	4016	76506	5.20E+05	1.73E+04
27	115	PINE	MN	48813	14454	56	8807	210	401		21985	2344	8	2.10E+05	2.00E+05
27	117	PIPESTONE	MN	53672	6540	17	10955	41	17120	5	82436	10240		2.50E+04	2.24E+04
27	119	POLK	MN	52582	7293	46	15751	303	4113	12	23003	5906	28	1.40E+05	1.58E+05
27	121	POPE	MN	48303	12496	22	8369	67	5793		46048	1560		2.70E+05	4.72E+04
27	123	RAMSEY	MN	636	89		107	9	10		852			6.00E+03	8.48E+03
27	125	RED LAKE	MN	15774	2675	4	5067	56	618		5782	3729		6.10E+04	4.37E+04
27	127	REDWOOD	MN	53981	5925	20	8521	60	36707	38	142338	2427	50	2.20E+05	1.81E+05
27	129	RENVILLE	MN	45127	7018	22	5206	76	22967		129453	14834		1.60E+05	1.66E+05
27	131	RICE	MN	47623	16968	26	3945	158	7639		74804	2002	349397	1.10E+05	9.39E+04
27	133	ROCK	MN	27830	6299	17	14633	33	47222		134862	14745		1.40E+05	1.05E+05
27	135	ROSEAU	MN	39376	5992	55	14407	140	603		8383	12042	621988	4.90E+03	7.48E+03
27	137	ST LOUIS	MN	17551	3481	111	5494	255	256		2288	356		2.30E+05	1.98E+05
27	139	SCOTT	MN	34316	12178	34	3715	115	4416		32654	735	250	9.90E+04	6.48E+04
27	141	SHERBURNE	MN	15524	3524	27	3080	132	1516		26875	1000		4.60E+04	3.41E+04
27	143	SIBLEY	MN	48622	16246	22	3898	80	9335		116281	1605	115	1.40E+06	3.94E+05
27	145	STEARNS	MN	159354	43499	44	10759	277	10324		203874	1591	3313253	2.60E+06	4.14E+05
27	147	STEELE	MN	34336	12513	29	3213	97	4089		85919	1098		5.10E+05	1.65E+05
27	149	STEVENS	MN	42641	2259	18	3584	44	34165		71670	7599		2.50E+05	1.94E+05
27	151	SWIFT	MN	35089	4394	19	8103	65	13283		65169	3321	2376506	1.50E+05	4.46E+04
27	153	TODD	MN	82785	29690	60	9484	320	1513		74637	3625	441265	4.30E+05	8.74E+04
27	155	TRAVERSE	MN	14744	1433	8	3496	37	4476		26191	3079		4.30E+04	1.98E+04
27	157	WABASHA	MN	71148	17393	20	14553	87	4836		60975	5777		2.20E+05	9.09E+04
27	159	WADENA	MN	26144	7135	38	5181	134	365		39213	2108	635542	4.70E+05	3.50E+04
27	161	WASECA	MN	22432	6634	11	2890	68	3632		72938	4161		5.40E+04	4.14E+04
27	163	WASHINGTON	MN	20449	4826	36	3633	138	6089		14200	2391	21784	8.80E+04	5.24E+04
27	165	WATONWAN	MN	24942	3172	21	4152	33	10630		94774	1830		4.10E+05	1.04E+05
27	167	WILKIN	MN	13178	2165	13	3771	51	2376		31018	475		2.00E+05	5.15E+04
27	169	WINONA	MN	83540	26049	37	12140	85	5054		62430	1474	939759	1.10E+05	4.33E+04
27	171	WRIGHT	MN	68449	24702	52	8122	281	4489		66840	2916		6.60E+05	1.48E+05
27	173	YELLOW MEDIC	MN	41719	4020	26	9492	55	17840		106205	4239		1.40E+05	6.19E+04
28	0		MS	2270177	110780	4823	1131003	6174	22089	195	378061	4718	90	2.40E+08	9.87E+06
28	1	ADAMS	MS	13495	24	10	7213	12			1369	13			8.57E+02
28	3	ALCORN	MS	13659	939	107	4981	177	28		6215			3.10E+01	2.93E+03
28	5	AMITE	MS	44241	5260	99	30417	94	67		1083			1.20E+00	1.10E+04
28	7	ATTALA	MS	33983	1803	152	17283	98	360		2418			2.50E+03	7.06E+03
28	9	BENTON	MS	13449	378	29	7822	74	146		4492	1		1.20E+02	1.23E+03
28	11	BOLIVAR	MS	11146	62	21	5246	16			3627			1.30E+02	1.58E+03
28	13	CALHOUN	MS	29403	655	81	14791	95	526		3410	1		4.30E+03	1.55E+04
28	15	CARROLL	MS	46697	375	34	25426	54	264		6484	15		3.20E+02	2.25E+03
28	17	CHICKASAW	MS	35394	955	31	18595	71	95					3.40E+04	4.91E+04
28	19	CHOCTAW	MS	14996	746	41	7379	54	277		3822	7		1.60E+02	2.37E+03
28	21	CLAIBORNE	MS	29851	150	19	17446	33			14087	48		1.20E+02	1.15E+03
28	23	CLARKE	MS	19466	373	49	9690	62	382		3170			5.50E+01	2.61E+03
28	25	CLAY	MS	29541	1619	33	14563	56			3874			1.90E+02	2.45E+03
28	27	COAHOMA	MS	6976	13	4	3044	14			172				4.02E+02
28	29	COPIAH	MS	42674	1788	54	22658	95	73		4097	26		3.30E+06	1.18E+05
28	31	COVINGTON	MS	34339	337	93	17337	84	340		846	10		6.50E+04	1.29E+05

APPENDIX B (CONTINUED)

CB	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS & SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
28	33	DE SOTO	MS	34734	3069	76	15469	103	70		832	4		2.80E+04	2.10E+04
28	35	FORREST	MS	25802	568	26	11139	54	4		1368	79		1.20E+04	3.43E+04
28	37	FRANKLIN	MS	11381	432	58	5493	49			186				2.13E+03
28	39	GEORGE	MS	14218	874	41	6398	68	296		9730	181		3.10E+04	1.62E+04
28	41	GREENE	MS	11122	183	47	5332	67	769		3804	290		4.40E+04	9.87E+03
28	43	GRENADA	MS	20084	184	4	11274	26	203		955				
28	45	HANCOCK	MS	11483	856	37	5705	16			1052	61		1.70E+01	1.14E+04
28	47	HARRISON	MS	5763	389	17	2461	37	14		850	303			
28	49	HINDS	MS	78523	600	46	41035	59	397		19229	40		3.00E+04	
28	51	HOLMES	MS	30636	371	54	17842	62	37		3085	65			
28	53	HUMPHREYS	MS	4942	39	10	2978	33			606			2.40E+02	8.27E+02
28	55	ISSAQUENA	MS	3175	4	1	1779				429				2.97E+02
28	57	ITAWAMBA	MS	19845	403	94	10434	135	71		6385			1.10E+03	4.76E+04
28	59	JACKSON	MS	4784	397	23	1847	35	3		394	85		8.40E+01	1.35E+03
28	61	JASPER	MS	29754	1320	57	15847	142	334		9861			4.80E+04	4.42E+04
28	63	JEFFERSON	MS	19232	170	12	10693	20	81		2265				
28	65	JEFFERSON DA	MS	26197	298	131	13538	63	10		1042	7		3.40E+04	2.59E+05
28	67	JONES	MS	48497	2210	97	24219	71	169		13161	103		4.00E+07	3.81E+05
28	69	KEMPER	MS	33588	554	83	19074	71	86		4154	22		1.90E+02	4.89E+03
28	71	LAFAYETTE	MS	27969	591	38	15411	36	152		1595		8	1.00E+02	1.46E+03
28	73	LAMAR	MS	27300	480	112	14108	69			336	1		2.10E+04	3.94E+03
28	75	LAUDERDALE	MS	24541	328	73	13073	123	277		3186	6		1.50E+02	2.57E+03
28	77	LAURENCE	MS	20078	1073	57	10090	71	18		648			8.70E+04	1.05E+05
28	79	LEAKE	MS	42071	1768	143	23000	146	452		5891	2		3.20E+07	9.22E+04
28	81	LEE	MS	33431	2944	83	15468	105	551		4997	224	6	2.30E+04	4.17E+05
28	83	LEFLORE	MS	11522	32	13	6602	17			710			6.80E+01	4.68E+02
28	85	LINCOLN	MS	39606	6007	105	16885	71	45		1913	11		2.00E+02	2.10E+04
28	87	LOWNDES	MS	27387	1082	67	14268	106	198		4004	20		1.50E+02	1.90E+03
28	89	MADISON	MS	55921	765	55	30340	171	134		7582	3	2	3.10E+05	7.45E+04
28	91	MARION	MS	39290	3975	87	17908	70	466		1185	9		1.00E+04	1.85E+05
28	93	MARSHALL	MS	47401	2788	94	23015	193	848		4718	7		5.90E+01	2.42E+04
28	95	MONROE	MS	39502	673	75	20968	151	147		14024			6.60E+05	5.41E+04
28	97	MONTGOMERY	MS	24101	764	40	13210	69	498		1378	18	30	5.00E+04	
28	99	NESHOBA	MS	46086	2450	94	23814	60			1825			3.10E.06	4.72E+03
28	101	NEWTON	MS	42995	4587	95	19506	14.	351		10831	98		8.60E+04	9.57E+04
28	103	NOXUBEE	MS	48259	4901	39	23843	107	283					2.60E+03	3.88E+03
28	105	OKTIBBEHA	MS	31582	4214	25	15298	41	168		13859	270			7.45E+03
28	107	PANOLA	MS	44867	673	50	24712	87	429		3700	7		3.80E+04	1.31E+04
28	109	PEARL RIVER	MS	49998	1852	59	24212	127	2714		3370	614		4.00E+04	4.42E+04
28	111	PERRY	MS	12435	77	42	5891	31	106		2605	22		4.20E+04	1.88E+03
28	113	PIKE	MS	31639	6373	66	13917	119	243		1225	19		3.30E+01	1.02E+04
28	115	PONTOTOC	MS	30571	2054	120	15006	172	67		1324			1.00E+06	8.31E+04
28	117	PRENTISS	MS	18586	3890	87	7344	83	374		6224				3.05E+03
28	119	QUITMAN	MS	2089	38	15	1068	37			5630			5.80E+01	8.96E+02
28	121	RANKIN	MS	43857	998	64	22164	81	1445		13162	30		1.70E+07	7.53E+05
28	123	SCOTT	MS	46174	533	95	25908	114	438		4487			3.80E+07	5.63E+05
28	125	SHARKEY	MS	2480	15	12	1207	3			1339				3.88E+02
28	127	SIMPSON	MS	42437	2134	93	20678	54	119		6208			1.70E+07	3.19E+04
28	129	SMITH	MS	43510	697	106	23993	82	267		11544			3.10E+07	2.97E+05
28	131	STONE	MS	14350	431	30	6867	56	9		801	905		1.00E+06	1.00E+03
28	133	SUNFLOWER	MS	19186	193		10844	9	73			25		5.50E+04	8.44E+04
28	135	TALLAHATCHIE	MS	22940	122	23	13129	29	98		8147	26		4.00E+02	2.51E+03
28	137	TATE	MS	46332	3865	49	25743	76	160		5909			5.50E+02	2.97E+03
28	139	TIPPAH	MS	23753	1778	134	11567	187	497		4535	7		2.50E+05	1.19E+05
28	141	TISHOMINGO	MS	11089	651	91	5340	80	67		19905			5.90E+04	5.97E+04
28	143	TUNICA	MS	3496	28	18	2290	5	12		2366		12	1.20E+02	7.58E+02

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-ABE HENS
28	145	UNION	MS	22640	2298	108	10745	129	81		3438	10		3.80E+04	8.01E+04
28	147	WALTHALL	MS	49595	8649	109	19137	152	90		2246			1.50E+02	3.80E+03
28	149	WARREN	MS	13670	54	9	8458	20	[illegible]		5520	66		6.40E+01	2.13E+03
28	151	WASHINGTON	MS	11930	204	10	5991	12			340	14			
28	153	WAYNE	MS	18156	237	80	8896	71	284		11273	299	12	1.00E+07	1.50E+04
28	155	WEBSTER	MS	23659	803	32	13376	102	93		1358			2.90E+03	1.31E+04
28	157	WILKINSON	MS	31884	596	37	17287	9	20		957	10		1.20E+01	2.80E+03
28	159	WINSTON	MS	33005	2134	130	17071	189	128		1572			4.00E+05	5.15E+03
28	161	YALOBUSHA	MS	20258	896	47	10842	77			427	4			9.61E+03
28	163	YAZOO	MS	50135	265	48	28741	49	176		4623	40		2.20E+02	2.59E+03
29	0		MO	5297947	259964	11389	2335613	13841	508378	504	5339106	128091	8659438	3.30E+07	6.41E+06
29	1	ADAIR	MO	47743	1912	140	22976	97	2010		37495	2576		1.90E+04	1.80E+04
29	3	ANDREW	MO	40740	4013	101	15784	140	4820		82441	2048	43	7.50E+03	1.25E+04
29	5	ATCHISON	MO	35745	176	43	23152	27	15421		47254	410		2.90E+03	4.31E+03
29	7	AUDRAIN	MO	64240	807	110	24813	127	20890		141528	2737	353	1.80E+04	2.92E+04
29	9	BARRY	MO	89390	8323	125	39781	144	1310		41914	200	182228	4.20E+06	8.83E+03
29	11	BARTON	MO	58959	2164	62	26186	58	10945		30506	397		3.00E+05	1.07E+05
29	13	BATES	MO	100002	4283	100	45955	122	12610	26	44288	812		3.80E+04	4.19E+04
29	15	BENTON	MO	46857	2528	103	21671	92	1755		39868	269	774096	4.10E+05	1.57E+04
29	17	BOLLINGER	MO	32061	430	162	16784	132	1096		46530	439	6	2.70E+03	6.97E+03
29	19	BOONE	MO	50959	359	131	22860	231	6430		52425	3763	30120	4.80E+03	8.61E+03
29	21	BUCHANAN	MO	27953	2298	68	10744	116	3085		40831	547		1.00E+05	
29	23	BUTLER	MO	15504	289	88	7590	155	294		22130	117		6.30E+03	7.06E+03
29	25	CALDWELL	MO	46011	968	104	22735	117	6117		54224	2124		6.10E+03	8.79E+03
29	27	CALLAWAY	MO	63980	1124	155	28108	123	12335		57814	2670	579	8.10E+04	8.48E+03
29	29	CAMDEN	MO	23313	814	54	11337	33	367		6381	23	239457	2.50E+02	2.73E+03
29	31	CAPE GIRARDE	MO	56162	4341	171	23407	147	4464		73969	249	25	1.30E+05	1.88E+04
29	33	CARROLL	MO	58422	1529	93	24092	104	9667		99888	1606	78313	2.00E+03	5.93E+03
29	35	CARTER	MO	7880	76	54	4496	37	175		9856	70		5.40E+01	2.22E+03
29	37	CASS	MO	77466	4266	140	36165	257	3496		96691	888		3.10E+05	2.32E+05
29	39	CEDAR	MO	48345	1442	92	24710	95	1184		26125	459	20030	2.40E+03	6.23E+03
29	41	CHARITON	MO	60793	1349	111	24245	141	25961		96637	3279	197289	8.70E+04	3.75E+04
29	43	CHRISTIAN	MO	62793	6027	79	26845	195	1216		20134	241	61295	3.10E+02	5.06E+03
29	45	CLARK	MO	29220	473	95	15401	68	2650		47207	3167		3.40E+03	4.08E+03
29	47	CLAY	MO	39424	119	44	13964	105	8764		39025	453		3.20E+04	1.22E+04
29	49	CLINTON	MO	33381	2205	60	21804	75	9307		68405	909		9.70E+03	7.32E+03
29	51	COLE	MO	37767	5612	148	16103	97	2196		29275	881		5.90E+04	3.53E+04
29	53	COOPER	MO	59004	960	148	23991	53	12486		92472	1272	71837	1.40E+04	1.83E+04
29	55	CRAWFORD	MO	30753	347	96	15726	77	1257		20824	485		1.10E+05	8.40E+04
29	57	DADE	MO	24465	2306	70	31047	51	1481		23923	121		6.00E+04	5.02E+04
29	59	DALLAS	MO	51936	6979	97	20742	123	951		18432	389	135391	1.70E+05	2.28E+04
29	61	DAVIESS	MO	47863	1753	110	21702	132	5489		63672	3344	12650	3.80E+04	2.14E+04
29	63	DE KALB	MO	51841	2223	89	21210	84	7758	9	73236	2700		1.70E+04	1.68E+04
29	65	DENT	MO	35123	491	92	17402	77	245		19234	38	13	2.40E+02	2.76E+03
29	67	DOUGLAS	MO	36732	6245	127	23514	114	917		24578	179	44578	1.60E+05	6.02E+03
29	69	DUNKLIN	MO	4887	48	22	2202	34	243		9569			1.00E+05	2.60E+04
29	71	FRANKLIN	MO	56105	4638	200	22675	447	6098		73817	752	13253	4.20E+05	1.33E+05
29	73	GASCONADE	MO	31285	657	140	15952	130	1831		44177	230		1.10E+04	1.64E+04
29	75	GENTRY	MO	30076	707	97	25262	53	6459		62052	3041		3.30E+02	1.73E+04
29	77	GREENE	MO	91460	8596	97	36742	287	1564	34	18252	543	236445	3.60E+05	3.71E+05
29	79	GRUNDY	MO	40828	2293	57	18945	44	3854		42604	1837		8.00E+03	9.09E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
29	81	HARRISON	MO	73320	2502	143	35704	110	3696		64863	3089	13662	1.20E+04	1.36E+04
29	83	HENRY	MO	79285	2487	98	27527	55	5441		55761	705		9.40E+04	8.10E+04
29	85	HICKORY	MO	31487	2173	70	14218	59	581		12592	186		3.00E+03	5.28E+03
29	87	HOLT	MO	29081	195	33	11510	44	11421		49169	906		5.10E+03	1.49E+04
29	89	HOWARD	MO	45835	597	93	20907	85	6844		42480	513		4.80E+03	6.97E+03
29	91	HOWELL	MO	72742	6042	227	32187	293	886		68777	424		2.40E+05	3.44E+04
29	93	IRON	MO	13945	73	55	6439	18	518		8252	165		2.50E+05	1.32E+05
29	95	JACKSON	MO	32298	957	68	13148	198	4335		18773	413		1.40E+04	1.12E+04
29	97	JASPER	MO	64054	4907	102	27968	185	1383		22475	424	123644	4.30E+05	3.81E+05
29	99	JEFFERSON	MO	20168	1390	65	8850	187	1079		12710	183		2.40E+04	2.57E+04
29	101	JOHNSON	MO	103936	3302	178	46918	306	5936	8	92364	2071	206325	5.60E+03	1.36E+04
29	103	KNOX	MO	46548	804	92	21395	53	5107		56347	5222		2.70E+03	5.28E+03
29	105	LACLEDE	MO	70197	8360	120	28168	108	1698		32764	532	92771	1.10E+04	1.53E+04
29	107	LAFAYETTE	MO	73484	5143	123	26926	184	18022		162959	1569	150000	9.70E+04	9.22E+04
29	109	LAWRENCE	MO	107722	11233	99	42754	196	1691		32534	324	40512	4.80E+05	4.37E+05
29	111	LEWIS	MO	37610	669	91	18234	105	5618		68076	7757		3.60E+03	5.11E+03
29	113	LINCOLN	MO	66894	1878	108	18463	198	12930		170037	1102		3.30E+05	3.81E+05
29	115	LINN	MO	48100	1592	151	31080	91	4283		66997	2668		1.30E+04	2.55E+04
29	117	LIVINGSTON	MO	39846	1.36	97	19277	79	4491		57914	2224	64759	3.80E+03	9.48E+03
29	119	MC DONALD	MO	42366	2119	93	20343	155	204		11937	348	587349	8.20E+04	6.88E+05
29	121	MACON	MO	63410	1141	156	29966	134	7991		52937	1810		3.10E+04	3.99E+04
29	123	MADISON	MO	19538	128	58	9239	30	809		14628	24		1.70E+01	
29	125	MARIES	MO	36956	695	186	18273	100	793		35463	790		2.70E+03	8.10E+03
29	127	MARION	MO	36809	1850	96	16480	84	5711		66185	1210	14	4.90E+01	2.26E+04
29	129	MERCER	MO	48616	1980	84	23483	70	3310		30631	1113		2.60E+03	5.76E+03
29	131	MILLER	MO	47183	1260	183	21397	130	1334		48493	253	1234518	7.20E+05	2.32E+04
29	133	MISSISSIPPI	MO	10033			3816	11	1495		3946			3.10E+01	7.62E+02
29	135	MONITEAU	MO	55208	1901	110	22887	94	5518		67647	431	81325	6.40E+04	2.78E+04
29	137	MONROE	MO	49578	561	137	23971	94	6238		114083	3022		4.20E+03	1.04E+04
29	139	MONTGOMERY	MO	30354	419	113	13485	109	6990		85011	1332		4.70E+04	4.05E+04
29	141	MORGAN	MO	41716	2320	115	18099	131	2374		45728	449	1106927	5.00E+05	8.05E+04
29	143	NEW MADRID	MO	4609	66	1	1559	20	1237		5434				
29	145	NEWTON	MO	73871	6243	142	32486	229	739		22437	412		1.90E+04	7.10E+05
29	147	NODAWAY	MO	116095	2349	218	50195	88	1803		158900	3564		4.90E+04	4.46E+04
29	149	OREGON	MO	50596	2211	147	24286	117	538		80593	46	3	3.10E+04	4.94E+04
29	151	OSAGE	MO	54564	3019	209	25861	75	2231		97436	125	927710	7.20E+05	1.69E+04
29	153	OZARK	MO	40199	3563	117	17732	78	352		14625		92319	7.30E+04	3.85E+03
29	155	PEMISCOT	MO	1746	12	9	864	29	30		625		278	1.50E+02	9.76E+02
29	157	PERRY	MO	45819	3293	145	17621	183	5470		95201	181		1.70E+04	2.05E+04
29	159	PETTIS	MO	68345	2228	124	26446	158	8105		97136	533	200301	3.70E+04	1.67E+04
29	161	PHELPS	MO	38759	946	100	18303	93	1351		13484	148	20	5.70E+03	7.88E+03
29	163	PIKE	MO	54957	1080	145	22882	113	10414		157162	1809		1.30E+04	1.12E+04
29	165	PLATTE	MO	28047	862	63	13355	103	2573		38991	438	50	2.30E+04	2.06E+04
29	167	POLK	MO	85526	9637	105	33987	177	4103		31403	411	96084	8.20E+05	2.18E+04
29	169	PULASKI	MO	34309	315	89	12404	140	139		14427	52		1.50E+02	3.31E+03
29	171	PUTNAM	MO	53572	1187	110	26752	46	747		36932	4676	61144	4.80E+05	5.28E+04
29	173	RALLS	KU	32278	856	56	15331	95	3566		60393	924	44	3.10E+03	5.50E+03
29	175	RANDOLPH	MO	30941	597	132	14576	105	2406		46509	1862		2.20E+03	5.50E+03
29	177	RAY	MO	49108	781	107	19385	167	12020		54961	1156	10	1.10E+04	6.41E+03
29	179	REYNOLDS	MO	10923	90	65	5476	40	90		17037	104		1.10E+02	1.72E+03
29	181	RIPLEY	MO	20372	111	74	10245	61	332		25139	9		3.40E+03	6.97E+03
29	183	ST CHARLES	MO	21633	1047	47	7129	209	6650		55055	384		2.80E+05	1.11E+05
29	185	ST CLAIR	MO	53761	2049	99	26451	103	2010		38924	80		2.30E+04	9.31E+03
29	187	ST FRANCOIS	MO	24068	879	69	12273	80	1269		13133	93	400	2.80E+05	1.36E+05
29	189	ST LOUIS	MO	3921	55	11	2925	42	409		4778	324		2.50E+03	3.49E+03
29	193	STE GENEVIEV	MO	31855	667	140	14151	83	5474		67060	143		5.50E+05	3.67E+05

ST	CO	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
29	195	SALINE	MO	65933	562	101	24377	69	15979		116869	1177		4.90E+03	1.12E+04
29	197	SCHUYLER	MO	29825	2256	82	13946	61	793		16894	13241		2.00E+03	5.02E+03
29	199	SCOTLAND	MO	35325	947	84	17994	101	1716		59701	3001		3.70E+03	5.97E+03
29	201	SCOTT	MO	19752	939	49	6763	66	7233		20491	36		4.30E+02	3.09E+03
29	203	SHANNON	MO	19914	866	69	9825	46	355		24620	2		6.80E+00	1.96E+03
29	205	SHELBY	MO	41480	445	98	17285	93	8398		118842	976		2.40E+04	1.96E+04
29	207	STODDARD	MO	32714	301	92	13373	170	2910		36338	155		5.00E+03	2.09E+03
29	209	STONE	MO	40208	5183	67	16866	82	868		8579	725	125451	1.30E+03	1.04E+04
29	211	SULLIVAN	MO	74264	2185	121	35684	87	3548		33027	1635	504518	1.30E+04	1.21E+04
29	213	TANEY	MO	35185	899	122	17490	84	1080		15573			1.10E+02	3.45E+03
29	215	TEXAS	MO	81391	6018	182	34935	188	456		35065	404		1.90E+04	6.62E+03
29	217	VERNON	MO	72212	3044	113	34433	135	2569		38818	711		3.50E+03	8.44E+03
29	219	WARREN	MO	19069	293	69	8097	129	3282		67363	388		5.00E+04	4.37E+04
29	221	WASHINGTON	MO	20152	179	54	10563	74	371		9446	69		7.80E+04	6.71E+04
29	223	WAYNE	MO	18554	139	60	8792	76	1080		22435	87		1.80E+02	2.70E+03
29	225	WEBSTER	MO	70254	14302	105	23173	219	889	6	18261	360	50	3.70E+05	3.96E+04
29	227	WORTH	MO	25234	495	43	12510	23	2110		23032	927		3.80E+02	3.05E+03
29	229	WRIGHT	MO	64055	12398	133	22075	200	926		31403	279	12	1.20E+06	7.58E+04
30	0		MT	3211584	31637	3859	1490839	2158	299224	44	373412	536751	8719	1.00E+06	8.87E+05
30	1	BEAVERHEAD	MT	148063	91	54	78895	10	3289		2866	32827		6.90E+02	1.74E+03
30	3	BIG HORN	MT	132854	106	57	62085	14	28731		7511	2759		2.20E+03	5.02E+03
30	5	BLAINE	MT	90868	587	82	49493	33	1240		10734	9241		1.90E+02	3.75E+03
30	7	BROADWATER	MT	27807	70	50	15485	36	82		2511	1763		5.70E+02	
30	9	CARBON	MT	71078	670	126	33657	59	13028		10674	25071		2.10E+04	1.90E+04
30	11	CARTER	MT	67794	187	108	38521	8	86		4956	87255		4.90E+02	2.58E+03
30	13	CASCADE	MT	93354	1983	108	46615	79	36464		5639	9133	19	1.20E+05	3.59E+04
30	15	CHOUTEAU	MT	67712	139	89	34826	59	4132		9326	1623	50	1.80E+03	5.02E+03
30	17	CUSTER	MT	102034	627	88	48872	79	3058		5899	11209	13	3.90E+04	
30	19	DANIELS	MT	26186	60	27	15472	18	267		12904	2356	10	3.90E+02	2.30E+03
30	21	DAWSON	MT	54061	640	100	31250	57	2410		5375	9338		1.20E+03	4.13E+03
30	23	DEER LODGE	MT	11493	32	4	8332	19	321		1498			9.20E+02	1.00E+03
30	25	FALLON	MT	45384	129	73	26964	15	413		9759	3503		1.70E+03	3.96E+03
30	27	FERGUS	MT	123599	732	161	71899	55	3608		33957	11007		5.20E+03	1.17E+04
30	29	FLATHEAD	MT	29996	1973	114	14327	249	1094		19981	1082		6.40E+03	5.80E+03
30	31	GALLATIN	MT	73611	3330	78	34553	75	9217		11117	7222	2	1.70E+05	1.08E+05
30	33	GARFIELD	MT	79502	109	62	45804		1973		2390	43470		1.40E+02	2.01E+03
30	35	GLACIER	MT	48621	156	32	27741	17	1196		10059	854	3	6.80E+03	2.58E+04
30	37	GOLDEN VALLE	MT	27695	38	19	15696	2	55		1542	4108		4.00E+01	5.50E+02
30	9	GRANITE	MT	32408	32	26	19453	3			147	587	8		2.86E+02
30	41	HILL	MT	38807	251	62	23141	36	2156		10531	372		3.70E+01	7.75E+03
30	43	JEFFERSON	MT	22029	286	47	13589	35	251		3007	995	17	2.20E+03	2.09E+03
30	45	JUDITH BASIN	MT	66043	293	53	35321	34	8522		5453	9815		5.70E+01	9.28E+03
30	47	LAKE	MT	72475	2844	158	38199	92	918		6299	2249		7.10E+02	2.92E+04
30	49	LEWIS AND CL	MT	54615	770	39	26479	16	5531		4729	11572		4.90E+01	2.74E+04
30	51	LIBERTY	MT	19457	43	16	10211	16	385		3810			3.80E+03	1.18E+04
30	53	LINCOLN	MT	7541	60	42	4585	52	44		739	105		2.50E+02	1.13E+03
30	55	MC CONE	MT	53846	224	110	31244	34	848		4765	13503		6.20E+02	4.59E+03
30	57	MADISON	MT	96155	201	90	56475	21	1246		6382	11463		8.60E+02	2.93E+03
30	59	MEAGHER	MT	48835	227	16	25195	4	28		3274	5973			
30	61	MINERAL	MT	1935	29	8	978	12	9		16	88		9.20E+00	1.13E+02
30	63	MISSOULA	MT	21796	473	78	10310	54	2415		972	657		1.60E+03	2.13E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
30	65	RUSSELSHELL	MT	44142	78	50	24589	10	2800		1829	7810		5.30E+02	2.28E+03
30	67	PARK	MT	65630	551	93	38279	48	2459		4872	4471	48	7.70E+02	2.89E+03
30	69	PETROLEUM	MT	32959	52	32	17493				1185	4234		2.90E+01	5.06E+02
30	71	PHILLIPS	MT	103745	509	121	57742	20	2083		8634	9926	17	1.20E+03	6.02E+03
30	73	PONDERA	MT	37543	406	74	20648	59	3306		12145	4198		4.20E+04	3.51E+04
30	75	POWDER RIVER	MT	85071	204	114	46870	31	569		7122	27984		1.70E+02	2.23E+03
30	77	POWELL	MT	51406	338	43	28370	15	6		2336	2718	1	3.80E+01	4.72E+02
30	79	PRAIRIE	MT	47674	169	49	25602		6859		2752	2150		5.40E+02	1.50E+03
30	81	RAVALLI	MT	56203	3286	163	27680	176	2456		5338	7235		1.20E+05	1.19E+05
30	83	RICHLAND	MT	75221	302	135	34755	30	24965		15761	20551	30	3.60E+03	8.01E+03
30	85	ROOSEVELT	MT	47348	212	83	26122	27	3723		13299	2042		1.00E+03	5.45E+03
30	87	ROSEBUD	MT	96660	404	44	51887	18	1712		3441	15080		5.90E+02	1.80E+03
30	89	SANDERS	MT	26667	166	83	14280	63	241		400	1480	66	2.20E+03	3.00E+03
30	91	SHERIDAN	MT	34833	162	45	21690	44	500		5864	2374	100	2.60E+03	5.76E+03
30	93	SILVER BOW	MT	10379	188	19	6038	10			342	416		1.90E+02	3.20E+02
30	95	STILLWATER	MT	60715	345	95	30947	15	25066		11322	15187			1.78E+04
30	97	SWEET GRASS	MT	30139	188	76	27081	14	117		4853	18597			8.05E+03
30	99	TETON	MT	67666	1051	45	37188	55	7093		13531	22613	15	4.90E+04	3.70E+04
30	101	TOOLE	MT	22320	219	28	13160	17	688		10605	7094	45	1.70E+04	2.49E+04
30	103	TREASURE	MT	28423	34	29	14581		344		1036	415		2.30E+01	2.84E+02
30	105	VALLEY	MT	92875	142	77	52373	33	1778		12261	6017	7	2.40E+03	8.27E+03
30	107	WHEATLAND	MT	37248	256	22	19785	8	495		4814	14297	200	1.90E+03	
30	109	WIBAUX	MT	29327	220	33	14885	4	663		2983	3784		4.10E+03	2.48E+03
30	111	YELLOWSTONE	MT												
30	113	YELLWSTNE NA	MT	145536	2733	129	42928	146	77653		9263	8683		1.60E+05	9.22E+04
31	0		NE	6214396	145322	4205	2202496	4347	2964404	143	4992209	238234	686747	3.40E+06	3.35E+06
31	1	ADAMS	NE	52197	729	32	14112	112	61740		28761	1631		4.90E+03	1.01E+04
31	3	ANTELOPE	NE	103505	5290	44	24976	65	76493		131924	2043		2.10E+04	2.45E+04
31	5	ARTHUR	NE	38324	27	24	18619		1817		1526	60		2.90E+01	4.46E+02
31	7	BANNER	NE	25716	51	16	11839	10	877		2950	350		3.80E+01	1.45E+03
31	9	BLAINE	NE	34719	136	15	17807	5	906		14622	105			6.80E+02
31	11	BOONE	NE	84011	2894	46	26008	34	40227		47812	763	100	7.80E+03	1.55E+04
31	13	BOX BUTTE	NE	57027	202	62	32111	32	15718		8385	2680		4.70E+03	5.76E+03
31	15	BOYD	NE	45019	1658	58	21406	25	6856		42547	963		3.80E+03	1.14E+04
31	17	BROWN	NE	25455	804	47	27937	23	28680		14734	1357		2.10E+03	2.90E+03
31	19	BUFFALO	NE	100345	1385	70	37685	84	47954		73020	6963		6.80E+03	1.39E+04
31	21	BURT	NE	56933	869	15	13387	50	56122		102623	2975		3.20E+05	6.54E+04
31	23	BUTLER	NE	43967	724	52	16428	107	22334		59890	5154		2.50E+05	2.56E+05
31	25	CASS	NE	38124	1306	33	13660	138	49679		40941	824		1.50E+04	1.80E+04
31	27	CEDAR	NE	105069	9225	85	27117	73	38648		186063	1790		2.10E+04	3.22E+04
31	29	CHASE	NE	58883	158	20	23107	18	22521		25729	648		7.50E+02	2.72E+03
31	31	CHERRY	NE	313976	1012	149	154781	18	8661		10888	720	12	3.50E+03	4.85E+03
31	33	CHEYENNE	NE	43757	814	36	14000	31	22090		16130	2241	20	1.10E+03	
31	35	CLAY	NE	49273	264	14	18621	47	24767		89137	3430		5.70E+03	8.44E+03
31	37	COLFAX	NE	59735	1673	54	11071	52	54819		122212	834	100	2.10E+05	2.76E+05
31	39	CUMING	NE	167457	3840	57	18311	41	249063		235596	2032	12	9.80E+04	8.57E+04
31	41	CUSTER	NE	244620	3131	161	111176	47	32049	28	95972	4706	10015	5.90E+04	4.68E+04
31	43	DAKOTA	NE	26825	791	11	9248	9	8240		30913	2957	6	2.90E+04	2.51E+04
31	45	DAWES	NE	60771	472	105	33649	16	1172		9570	11554		2.80E+03	5.11E+03
31	47	DAWSON	NE	178503	711	44	43022	39	164845		101069	5086		6.70E+03	7.19E+03
31	49	DEUEL	NE	18261	31	8	5720	15	1505		4303	1221	7	8.30E+02	1.47E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
31	51	DIXON	NE	68063	1586	59	18948	59	49718		124945	1996	29	2.20E+03	
31	53	DODGE	NE	60149	1316	41	12445	89	60411		121903	2503		2.70E+05	7.97E+04
31	55	DOUGLAS	NE	22449	1610	12	4114	47	20135		23843	1172	1200	6.20E+04	
31	57	DUNDY	NE	48447	102	23	21993	16	8037		15057	70	50	2.30E+03	2.28E+03
31	59	FILLMORE	NE	46178	297	21	14150	73	31954		74946	2611		5.70E+03	1.32E+04
31	61	FRANKLIN	NE	44929	649	26	20151	13	8953		44500	461		5.50E+03	7.45E+03
31	63	FRONTIER	NE	56127	331	60	29607	18	5402		30644	994	50	4.30E+03	7.97E+03
31	65	FURNAS	NE	58590	1098	29	20788	13	25873		26994	961		1.60E+03	5.02E+03
31	67	GAGE	NE	70604	7689	61	21489	157	25368		135479	2842		1.00E+05	5.02E+04
31	69	GARDEN	NE	70419	375	19	38325	7	3957		3621	870	15	3.00E+03	1.90E+03
31	71	GARFIELD	NE	41514	678	38	19711	15	4378	36	11451	448	1	6.30E+02	3.07E+03
31	73	GOSPER	NE	31808	93	8	16417	6	4318		21279	187	8	1.60E+03	3.45E+03
31	75	GRANT	NE	56801	93	19	27478	3			279	40			1.90E+02
31	77	GREELEY	NE	61078	1590	21	24594	51	17781		33130	416		3.60E+03	6.62E+03
31	79	HALL	NE	82154	1915	22	17056	35	86238		48412	3349		1.70E+04	1.46E+04
31	81	HAMILTON	NE	42987	1031	14	13086	41	23820		45370	1474		1.10E+03	
31	83	HARLAN	NE	47024	423	15	19386	23	16900		23089	1192		3.40E+04	3.61E+04
31	85	HAYES	NE	41196	172	37	21750	4	4336		17744	292		2.10E+03	2.82E+03
31	87	HITCHCOCK	NE	41605	160	30	18248	13	7119		28044	1709		1.40E+03	3.06E+03
31	89	HOLT	NE	228597	7803	118	99005	60	25711		104090	3322	6	1.40E+04	2.23E+04
31	91	HOOKER	NE	18095	29	19	8455		98		474			6.90E+01	4.05E+02
31	93	HOWARD	NE	65394	4028	49	19840	39	31014		57309	1990		6.30E+03	1.11E+04
31	95	JEFFERSON	NE	47992	3364	55	14598	64	23994		60865	2674		1.50E+04	1.75E+04
31	97	JOHNSON	NE	34809	1042	40	14559	78	6857		51499	1987		1.00E+04	1.22E+04
31	99	KEARNEY	NE	53466	241	43	13756	19	61184		49912	1132		8.50E+03	8.70E+03
31	101	KEITH	NE	40186	359	15	24441	18	25398		1637	272		1.50E+03	1.68E+03
31	103	KEYA PAHA	NE	48630	1291	33	24055		2212		12483	3554		3.40E+03	5.50E+03
31	105	KIMBALL	NE	25677	226	46	12035	14	319		6789	3892	60	1.40E+03	4.00E+03
31	107	KNOX	NE	141904	6271	82	48394	85	49194		250993	5293	13	5.10E+04	7.19E+04
31	109	LANCASTER	NE	53036	3432	65	19730	192	9939		64256	5527	142319	3.20E+05	4.23E+05
31	111	LINCOLN	NE	161499	1914	109	74654	67	27290		52246	2774	17	5.50E+03	1.03E+04
31	113	LOGAN	NE	34725	209	26	17788	2	266		3613	424		1.30E+03	1.93E+03
31	115	LOUP	NE	34344	294	30	14676	13	2417		7411	113		1.10E+03	1.79E+03
31	117	MC PHERSON	NE	33474	64	40	17375		1579		9853	237		2.50E+03	1.39E+03
31	119	MADISON	NE	76779	3560	64	19800	97	57471		124364	2230	1319	1.10E+05	7.53E+04
31	121	MERRICK	NE	58993	2002	36	18987	18	44063		45114	1287		9.30E+01	
31	123	MORRILL	NE	80868	182	51	36725	25	12584		10766	8434		1.10E+03	3.28E+03
31	125	NANCE	NE	44908	1692	35	17917	40	12693		39392	314		4.30E+03	6.88E+03
31	127	NEMAHA	NE	34819	660	28	13769	36	11519		60955	424		4.90E+03	8.48E+03
31	129	NUCKOLLS	NE	54503	1807	35	18027	30	27252		60756	843		7.70E+03	1.02E+04
31	131	OTOE	NE	53264	2104	59	19044	100	17971		73699	1156		2.10E+03	1.28E+04
31	133	PAWNEE	NE	32293	893	37	14491	40	4771		54777	1263		4.30E+03	9.35E+03
31	135	PERKINS	NE	25636	458	37	11877	26	4938		9393	860		1.40E+03	2.78E+03
31	137	PHELPS	NE	66369	196	16	20250	31	63288		41724	615		7.00E+03	5.45E+03
31	139	PIERCE	NE	75200	6509	46	20141	85	24522		122743	802	42	4.50E+04	3.74E+04
31	141	PLATTE	NE	81623	4275	65	21014	132	42170		142575	1057		4.50E+04	5.24E+04
31	143	POLK	NE	51740	507	29	11562	46	72991		59047	530		1.30E+04	1.29E+04
31	145	RED WILLOW	NE	53920	309	33	20324	34	12558		33159	455		2.30E+03	3.49E+03
31	147	RICHARDSON	NE	62006	1930	63	18521	38	38239		65353	747		3.00E+03	8.10E+03
31	149	ROCK	NE	67357	1067	28	27514	25			9726	412		1.60E+03	1.99E+03
31	151	SALINE	NE	44751	1082	42	14707	96	17581		52874	1690	9	1.20E+04	2.04E+04
31	153	SARPY	NE	38241	717	11	4867	38	98546		19064	12268		5.00E+03	5.24E+03
31	155	SAUNDERS	NE	88398	2081	54	18038	209	68824		79754	3122		2.10E+04	4.32E+04
31	157	SCOTTS BLUFF	NE	154513	846	42	20374	92	199419		20167	51600	15	2.40E+03	4.89E+03
31	159	SEWARD	NE	59569	2099	62	14475	97	59036		62869	2121		1.30E+05	2.42E+04
31	161	SHERIDAN	NE	130898	908	157	49739	30	4431		19481	3475	38	2.90E+03	1.05E+04

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
31	163	SHERMAN	NE	60416	2909	59	23656	31	8644		43491	2993	100	3.80E+03	1.07E+04
31	165	SIOUX	NE	63212	320	102	26570	7	7897		3572	7519		4.30E+02	2.33E+03
31	167	STANTON	NE	72248	2172	58	13052	41	93056		94581	937	10	2.40E+04	3.55E+04
31	169	THAYER	NE	45377	1463	52	16618	84	36681		47376	1123		8.00E+03	1.60E+04
31	171	THOMAS	NE	27062	33	15	13680	3			3512			3.40E+02	4.28E+02
31	173	THURSTON	NE	44963	1402	15	10985	34	28998		63045	688	10	1.10E+04	1.13E+04
31	175	VALLEY	NE	71658	2541	54	26052	39	19922		49382	1245	266	1.70E+03	6.80E+03
31	177	WASHINGTON	NE	57456	2170	37	10922	84	60273		93142	3968		5.40E+04	6.23E+04
31	179	WAYNE	NE	77302	3903	94	14971	84	30045		114380	1434	30	2.70E+04	3.31E+04
31	181	WEBSTER	NE	47040	1367	48	20947	54	6887		33691	1161		3.30E+03	5.45E+03
31	183	WHEELER	NE	46243	1333	8	20306	4	4914		11210	5		2.90E+02	1.53E+03
31	185	YORK	NE	46527	963	26	12657	72	27843		83174	1591		3.90E+04	3.16E+04
32	0		NV	633854	13816	360	325595	274	56809	85	11241	122803		1.60E+04	2.55E+04
32	1	CHURCHILL	NV	61287	3916	62	19046	93	26139		2221	21428		7.40E+02	1.94E+03
32	3	CLARK	NV	18174	5928	22	4706	40	361			162		3.20E+03	2.13E+03
32	5	DOUGLAS	NV	27834	1328	11	12263	16	2191		542	5253		2.50E+02	6.88E+02
32	7	ELKO	NV	195399	199	79	113645	7	1483		129	34888		5.20E+02	1.29E+03
32	9	ESMERALDA	NV	14337	6	3	6508	3			42	16		3.10E+01	
32	11	EUREKA	NV	30178	35	19	16490	8	386		57			2.50E+01	2.32E+02
32	13	HUMBOLDT	NV	73296	73	26	44909	5	19		1424	3411		2.10E+03	3.74E+03
32	15	LANDER	NV	33931	15	9	17806	6			324	5600		6.90E+02	1.95E+02
32	17	LINCOLN	NV	20506	347	14	10098	4	64		88	16		6.10E+00	3.93E+02
32	19	LYON	NV	40028	936	39	18354	45	9704		595	10229		7.10E+03	
32	21	MINERAL	NV	4146	4	4	2865	9				21			1.90E+02
32	23	NYE	NV	30465	44	18	18581	15	26		74	75		2.90E+02	7.62E+02
32	25	CARSON CITY	NV	811	96	1	391				60				
32	27	PERSHING	NV	32607	29	21	12461	4			1413	3803		3.80E+01	6.19E+02
32	29	STOREY	NV												
32	31	WASHOE	NV	24117	658	9	12631	11	467			6422			4.46E+02
32	33	WHITE PINE	NV	26574	211	23	14762	8			473	25651		6.10E+02	1.11E+03
33	0		NH	69198	33402	255	4467	627	2198		10496	3111	19879	1.80E+06	1.06E+06
33	1	BELKNAP	NH	2049	949	26	161	28	2		284	9		1.70E+05	
33	3	CARROLL	NH	1658	638	19	139	40	17		723	137		8.20E+04	3.92E+04
33	5	CHESHIRE	NH	7757	3775	30	400	43	70		587	244		2.20E+05	1.05E+05
33	7	COOS	NH	9352	4937	19	655	77	145		550	59	299	7.70E+03	6.32E+03
33	9	GRAFTON	NH	14596	7499	38	804	101	93		566	368	956	6.80E+04	4.98E+04
33	11	HILLSBOROUGH	NH	7789	3517	33	559	110	1416		3562	347	275	6.80E+05	5.37E+05
33	13	MERRIMACK	NH	9932	4596	30	656	107	244		611	747	3105	9.50E+04	7.71E+04
33	15	ROCKINGHAM	NH	5270	2150	29	595	50	77		3346	663	13283	3.20E+05	1.86E+05
33	17	STRAFFORD	NH	3821	1947	11	274	24	13		193	347	20	1.20E+05	
33	19	SULLIVAN	NH	6974	3394	20	224	47	121		74	188		1.80E+03	3.48E+03

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34	0		NJ	106899	47458	233	13341	865	3616		95329	5467	109184	4.00E+06	2.11E+06
34	1	ATLANTIC	NJ	238	40	5	118	9	12		1153	3		4.00E+05	1.32E+05
34	3	BERGEN	NJ	211	84		33	4	25		15	56		1.70E+04	2.58E+04
34	5	BURLINGTON	NJ	10254	5339	7	694	29	315		17572	283		2.60E+04	4.25E+04
34	7	CAMDEN	NJ	274	15		34	28	43		253	22		3.10E+04	3.03E+02
34	9	CAPE MAY	NJ	212	14		52	2	9		5033	1		2.10E+02	4.29E+04
34	11	CUMBERLAND	NJ	4167	1713	14	603	34	160		962	254		6.20E+05	2.70E+05
34	13	ESSEX	NJ	23)	114		30							4.20E+03	6.54E+03
34	15	GLOUCESTER	NJ	300(	1297	18	262	53	74		44325	96	1006	5.30E+05	9.48E+04
34	17	HUDSON	NJ												
34	19	HUNTERDON	NJ	18566	7034	68	2710	239	754		2987	1440		5.00E+05	3.72E+05
34	21	MERCER	NJ	2567	932	6	457	16	151		794	415		1.50E+05	6.19E+04
34	23	MIDDLESEX	NJ	2751	514	3	114	9	1768		1422	34		1.30E+05	1.77E+04
34	25	MONMOUTH	NJ	3364	987	15	651	49	187		10472	455		3.10E+05	2.66E+05
34	27	MORRIS	NJ	4008	1800	11	588	17	119		842	147		1.30E+04	1.20E+04
34	29	OCEAN	NJ	440	217	5	45	26	7		2932	22		1.70E+05	1.48E+05
34	31	PASSAIC	NJ	64	46		7		1			40		1.30E+04	1.73E+04
34	33	SALEM	NJ	14483	6606	20	1451	77	531		1912	342	2951	7.80E+05	4.28E+05
34	35	SOMERSET	NJ	4689	2144	9	1664	35	495		2834	939	1111	1.90E+05	1.38E+05
34	37	SUSSEX	NJ	16727	8357	22	2191	130	585		808	250		1.90E+04	2.37E+04
34	39	UNION	NJ	77	4		54	4	4			46		1.40E+04	2.00E+03
34	41	WARREN	NJ	18579	10499	30	1383	104	386		813	409	200	1.40E+04	1.26E+04
35	0		NM	1352803	31036	1455	566980	1248	397143		98095	377370	4503	5.60E+05	8.57E+05
35	1	BERNALILLO	NM	22448	3490	14	6004	59	14023		1686	1463	100	1.10E+05	
35	3	CATRON	NM	55144	97	56	26671	10	211		47	26		8.00E+00	7.40E+02
35	5	CHAVES	NM	130103	2974	60	40859	40	130936		26482	139796		4.10E+02	4.55E+03
35	7	COLFAX	NM	58765	210	73	26858	20			801	1006	1656	3.20E+02	1.88E+03
35	9	CURRY	NM	105319	96	43	20249	38	47353		3400	3233		3.50E+02	1.91E+03
35	11	DE BACA	NM	36320	241	45	17098	16	3009		1705	7480		2.40E+02	7.10E+02
35	13	DONA ANA	NM	30992	5003	30	9024	86	4836		3305	1039		4.00E+01	
35	15	EDDY	NM	36612	1004	88	17281	64	30482		9150	14915	14	8.70E+00	9.52E+02
35	17	GRANT	NM	46866	201	30	26236	20	34		19	11		2.60E+01	8.01E+02
35	19	GUADALUPE	NM	44780	126	37	17149	5			72	14048		1.10E+02	7.58E+02
35	21	HARDING	NM	47621	99	19	22454	3			205	562	10		3.31E+02
35	23	HIDALGO	NM	40188	61	24	20932	2			14279	225			9.06E+02
35	25	LEA	NM	85285	1593	56	39501	54	19955		3395	7371	50	3.10E+01	9.18E+03
35	27	LINCOLN	NM	36729	221	40	21942	29			271	48877		1.20E+02	3.60E+02
35	29	LUNA	NM	35168	34	21	16363	11	8661		6662	39		7.00E+01	2.65E+02
35	31	MC KINLEY	NM	28397	13	13	18758	9	109		32	37528		1.90E+03	2.45E+03
35	33	MORA	NM	27066	104	84	12998	24	123		37	505		2.50E+02	1.79E+03
35	35	OTERO	NM	32364	314	64	20920	30	116			8758		1.60E+03	1.79E+03
35	37	QUAY	NM	93715	446	100	36932	34	25260		6922	675		2.30E+02	2.20E+03
35	39	RIO ARRIBA	NM	29348	167	94	17265	68	128		720	11309	50	6.70E+02	3.72E+03
35	41	ROOSEVELT	NM	84126	5253	90	30821	67	20894		10521	4816	30		
35	43	SANDOVAL	NM	18257		37	10531	24	81		467	1769		1.30E+02	8.23E+02
35	45	SAN JUAN	NM	23301	360	103	11955	144	205		1095	25333		1.70E+04	5.41E+03
35	47	SAN MIGUEL	NM	64910	134	76	27899	18	3631		204	1964		4.90E+01	1.46E+03
35	49	SANTA FE	NM	26486	144	22	7541	3			43	22		4.70E+02	9.48E+02
35	51	SIERRA	NM	42449		31	21187	13	31		5947	4	2605	2.40E+03	1.34E+02

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35	53	SOCORRO	NM	53249	551	27	30441	11	29		43	2335	3	1.30E+03	1.50E+03
35	55	TAOS	NM	9494	53	35	5247	93	10		333	8435		2.40E+01	1.35E+03
35	57	TORRANCE	NM	45744	281	84	23977	28	940		905	7619		4.90E+01	2.02E+03
35	59	UNION	NM	115506	438	49	37768	41	53080		488	1018		6.20E+02	2.77E+03
35	61	VALENCIA	NM	45787	3736	110	24129	184	203		1515	25189		1.30E+03	3.00E+03
36	0		NY	1752533	891422	2706	96975	8053	31330		125197	52364	195783	1.80E+07	7.53E+06
36	1	ALBANY	NY	11169	4115	54	1549	98	371		682	932	4	5.30E+04	5.50E+04
36	3	ALLEGANY	NY	36800	16050	77	3240	286	588		12154	2207	900	3.60E+05	7.58E+04
36	5	BRONX	NY												
36	7	BROOME	NY	28356	14837	68	1962		235		631	344	9066	5.90E+04	4.89E+04
36	9	CATTARAUGUS	NY	56618	28716	85	3575		402		5142	481	5210	1.70E+05	5.24E+04
36	11	CAYUGA	NY	46205	21918	102	2086	242	1953		5844	1368	12	8.10E+05	2.82E+05
36	13	CHAUTAUQUA	NY	62255	30628	102	3273		766		2201	1002	2861	2.80E+05	4.59E+04
36	15	CHEMUNG	NY	12323	5170	44	2146	80	314		830	506	23	4.90E+05	4.63E+04
36	17	CHENANGO	NY	55105	30193	60	2027	248	107		1468	708		4.10E+05	2.06E+05
36	19	CLINTON	NY	38767	20776	43	1353	86	156		1972	71	100	1.30E+05	8.44E+04
36	21	COLUMBIA	NY	35239	18489	27	1920	117	521		691	519		4.40E+05	1.86E+05
36	23	CORTLAND	NY	41927	23242	29	1425	114	306		954	569		7.50E+04	6.19E+04
36	25	DELAWARE	NY	59993	33810	62	1732	174	319		855	344	115	2.40E+05	4.81E+04
36	27	DUTCHESS	NY	30950	13512	32	4147		2591		3805	949	10376	2.30E+04	6.54E+04
36	29	ERIE	NY	43495	22378		2927	283	1043		3414	1049	1400	8.30E+05	4.02E+05
36	31	ESSEX	NY	8723	3935	12	689	51	87		1118	75		1.30E+02	2.28E+03
36	33	FRANKLIN	NY	36330	20216	26	892	68	671		269	46		2.00E+04	9.65E+03
36	35	FULTON	NY	9227	5251	13	359	55	33		100	20		2.50E+04	2.76E+04
36	37	GENESEE	NY	34879	17438	56	1597		1230		7240	3135	35	3.30E+05	1.19E+05
36	39	GREENE	NY	9623	4589	17	820	59	42		428	191		3.20E+04	5.15E+03
36	41	HAMILTON	NY												
36	43	HERKIMER	NY	47153	27772	31	1405		392		249	48		9.00E+03	1.12E+04
36	45	JEFFERSON	NY	63927	43914	56	2969	161	1044		1706	183	17771	1.90E+05	1.18E+05
36	47	KINGS	NY												
36	49	LEWIS	NY	48895	31151	53	467	80	197		887	29	200	4.30E+04	3.24E+04
36	51	LIVINGSTON	NY	39913	17136	46	3396	157	1067		4143	5982		2.50E+05	1.71E+05
36	53	MADISON	NY	35192	31543	39	1499		454		699	147	82	6.60E+04	6.54E+04
36	55	MONROE	NY	14681	6570	39	1261		285		2217	411	4804	6.10E+04	5.19E+04
36	57	MONTGOMERY	NY	39090	22123	20	1492	114	113		410	46		7.40E+02	2.18E+03
36	59	NASSAU	NY	76	40		4	4	5					6.80E+02	5.11E+02
36	61	NEW YORK	NY												
36	63	NIAGARA	NY	20963	8571		2077		1440		708	1023		7.30E+04	6.80E+04
36	65	ONEIDA	NY	69097	36567	96	3128	230	775		1410	197	3027	6.10E+04	7.92E+04
36	67	ONONDAGA	NY	36600	18417	45	2939	177	892		1654	386		2.10E+05	1.77E+05
36	69	ONT. O	NY	30072	12122	56	2513	141	2224		3710	3669	18	4.50E+05	2.68E+05
36	71	ORANGE	NY	28252	15408	23	1810	62	243		1208	343	15	4.10E+05	2.32E+05
36	73	ORLEANS	NY	17798	5324	46	1421	158	2825		9929	2360	8	2.40E+05	1.16E+05
36	75	OSWEGO	NY	26356	11837	102	2949	223	232		1772	221		5.40E+04	3.03E+04
36	77	OTSEGO	NY	64030	34361	76	1703	247	315		935	1480	4	6.40E+05	1.03E+05
36	79	PUTNAM	NY	1220	511	6	156	4	12		32	47		1.60E+04	1.93E+04
36	81	QUEENS	NY												
36	83	RENSSELAER	NY	19760	9777	43	1432	117	343		642	677		4.80E+04	3.96E+04
36	85	RICHMOND	NY												
36	87	ROCKLAND	NY	188	115	1	14				45	34		4.90E+03	2.63E+03
36	89	ST LAWRENCE	NY	87142	44876	110	3204	292	399		2900	677	26	1.50E+04	2.12E+04

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-9	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-9	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
36	91	SARATOGA	NY	16122	8222	49	924	211	82		519	243		8.40E+04	7.45E+04
36	93	SCHENECTADY	NY	3476	1520	13	375	36	37		1291	25		8.50E+04	4.07E+04
36	95	SCHOHARIE	NY	30864	16055	57	1773	190	331		758	456	3	1.10E+05	4.23E+03
36	97	SCHUYLER	NY	10174	4006	69	1072	73	212		911	2071		2.50E+05	4.68E+04
36	99	SENECA	NY	10839	3904	17	1301	87	483		3803	3690		1.70E+05	9.22E+04
36	101	STEUBEN	NY	62862	28644	154	5317		820		1792	4663	20	2.10E+05	2.04E+05
36	103	SUFFOLK	NY	959	484	9	211	30	2		1084	174	28162	5.40E+05	5.67E+04
36	105	SULLIVAN	NY	14975	6918		768	102	244		1972	339		3.80E+04	1.96E+04
36	107	TIOGA	NY	26553	13230	50	1493	141	324		1772	162	58	3.90E+05	2.37E+05
36	109	TOMPKINS	NY	24839	10945	46	1768		1525		1031	743	15	2.00E+04	3.20E+05
36	111	ULSTER	NY	9789	4018	29	1177	82	169		770	987	1075	6.90E+05	2.75E+05
36	113	WARREN	NY	1135	605	6	99	10	5		105			8.90E+03	1.48E+04
36	115	WASHINGTON	NY	33495	31228	39	1781	162	211		706	1015	1436	1.40E+05	1.68E+05
36	117	WAYNE	NY	23271	8304	76	2673	266	645		5418	461	140	1.30E+06	5.19E+05
36	119	WESTCHESTER	NY	535	188		96		5		929			3.40E+04	8.44E+03
36	121	WYOMING	NY	63352	34956	61	1637		631		2278	1828		3.00E+04	1.41E+04
36	123	YATES	NY	11704	4997	38	1452		512		6710	2678		7.90E+04	7.79E+04
37	0		NC	1021554	129958	8277	424055	16428	37297		2616555	6659	14096385	3.10E+08	1.25E+07
37	1	ALAMANCE	NC	20311	5064	105	6642	286	539		8599	22		1.30E+06	2.50E+05
37	3	ALEXANDER	NC	12593	2327	76	4496	178	187		1787			7.50E+06	1.14E+05
37	5	ALLEGHANY	NC	22263	4665	173	7407	95	123		350	521		5.70E+05	8.10E+04
37	7	ANSON	NC	14247	720	20	7114	95	182		7703		1250000	2.00E+06	1.43E+04
37	9	ASHE	NC	28363	2327	448	10668	462	162		892	753		5.30E+06	1.19E+04
37	11	AVERY	NC	3843	120	93	1815	136			129	57		2.40E+01	1.01E+03
37	13	BEAUFORT	NC	7628	470	36	2924	114	281		46420	20		8.50E+04	6.62E+04
37	15	BERTIE	NC	4062	122	2	2126	42	155		36114			4.50E+05	1.24E+04
37	17	BLADEN	NC	8887	1657	80	2904	188	405		31794	24	269578	1.80E+05	3.92E+04
37	19	BRUNSWICK	NC	1812	243	10	636	61	135		17949			1.70E+04	2.48E+04
37	21	BUNCOMBE	NC	25179	5573	294	8088	492	233		900	43		6.90E+04	2.83E+04
37	23	BURKE	NC	6289	515	64	2917	164	107		2889			2.90E+06	4.16E+04
37	25	CABARRUS	NC	13883	1958	51	7496	173	836		5633	19		2.90E+05	7.01E+04
37	27	CALDWELL	NC	8707	1266	60	3563	140	275		4746	78		3.90E+06	9.05E+04
37	29	CAMDEN	NC	1394	3	3	818	10	420		61002	74		3.90E+02	4.33E+02
37	31	CARTERET	NC	752	18	3	402	25	74		2075			6.50E+04	4.24E+04
37	33	CASWELL	NC	10218	1181	126	4854	213	439		3773	12	34	6.80E+04	1.53E+04
37	35	CATAWBA	NC	17901	1965	53	6804	221	568		5117			6.60E+05	8.35E+04
37	37	CHATHAM	NC	26042	3191	98	12426	221	220		33483	161		3.70E+07	2.78E+05
37	39	CHEROKEE	NC	7428	619	90	3077	92	240		1483	16		3.40E+05	2.68E+05
37	41	CHOWAN	NC	1569	36	3	464	21	199		33357			3.30E+03	5.02E+03
37	43	CLAY	NC	6402	1098	67	2259	51	163		3422	59		4.30E+05	2.40E+05
37	45	CLEVELAND	NC	27286	2361	84	12731	214	624		1865	19	164136	3.50E+06	2.20E+05
37	47	COLUMBUS	NC	8187	692	100	3764	303	776		54857	25		3.50E+05	1.71E+05
37	49	CRAVEN	NC	2563	275	21	1193	48	125		30386	146		3.00E+05	1.68E+05
37	51	CUMBERLAND	NC	8629	752	30	3790	109	744		40257	107		2.70E+05	1.52E+05
37	53	CURRITUCK	NC	1331	5	5	889	11			44817	42	15	1.80E+03	3.41E+03
37	55	DARE	NC												
37	57	DAVIDSON	NC	19289	3772	137	7330	424	602		24583	72		6.40E+05	6.10E+04
37	59	DAVIE	NC	18415	3978	94	6006	193	1245		14802	951		3.20E+05	2.42E+05
37	61	DUPLIN	NC	9414	474	67	4726	202	500		204909		5045180	3.90E+07	6.75E+05
37	63	DURHAM	NC	3010	475	41	2365	110	84		2681	34		1.30E+05	5.19E+04
37	65	EDGECOMBE	NC	7816	456	9	4362	19	260		39328	3		2.60E+04	3.46E+04

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
37	67	FORSYTH	NC	11202	1417	115	6610	335	438		2184	79		9.80E+04	2.91E+04
37	69	FRANKLIN	NC	10218	437	70	4709	179	1411		30228	72		6.60E+05	1.45E+05
37	71	GASTON	NC	11273	2088	55	4042	117	40		738			4.90E+03	6.36E+03
37	73	GATES	NC	2355	51	18	1028	40	372		44433			1.40E+05	9.70E+04
37	75	GRAHAM	NC	1845	60	42	850	44			39				1.09E+03
37	77	GRANVILLE	NC	15821	1893	137	6880	205	641		12396	124		4.40E+05	1.54E+05
37	79	GREENE	NC	2302	33	21	1092	49	100		142332			2.00E+05	3.84E+04
37	81	GUILFORD	NC	20080	3705	145	7575	443	675		9104	112		4.50E+05	1.20E+05
37	83	HALIFAX	NC	15027	601	30	7374	36	152		63354	6	20	1.20E+06	
37	85	HARNETT	NC	9038	373	53	4391	232	348		40142			4.50E+05	3.18E+04
37	87	HAYWOOD	NC	20193	1957	215	8380	246	248		5381	328			9.21E+03
37	89	HENDERSON	NC	11901	3052	76	2705	196	57		843	34		1.60E+04	2.03E+03
37	91	HERTFORD	NC	1623	12	6	864	21	58		13183	148			1.17E+03
37	93	HOKE	NC	3763	139	12	1590	36	74		34372			3.10E+01	1.04E+03
37	95	HYDE	NC	6507	536	9	1637	33	549		17818			3.80E+02	4.88E+02
37	97	IREDELL	NC	41000	9516	159	13545	330	441		3748	48		2.30E+06	7.71E+05
37	99	JACKSON	NC	4070	143	63	1857	142	41		655	72		2.50E+01	1.48E+03
37	101	JOHNSTON	NC	18033	853	106	8650	505	2119		151146	27		1.00E+06	1.71E+05
37	103	JONES	NC	2334	13	13	1454	42	103		16353			1.30E+02	2.04E+03
37	105	LEE	NC	5247	209	31	2878	127	47		15122			4.30E+05	1.59E+03
37	107	LENOIR	NC	5279	710	15	1377	98	3534		79522		227409	1.70E+05	1.59E+05
37	109	LINCOLN	NC	13796	1863	71	5836	60	236		1162			2.00E+06	1.56E+05
37	111	MC DOWELL	NC	4288	513	53	1870	99	13		1194	12		1.60E+04	1.34E+04
37	113	MACON	NC	6844	1137	108	2533	140	91		820	9		4.80E+04	2.50E+03
37	115	MADISON	NC	16247	1941	496	6799	481	325		675	12		7.90E+04	6.49E+03
37	117	MARTIN	NC	6767	80	10	3484	91	1157		44023			7.60E+02	3.96E+03
37	119	MECKLENBURG	NC	11429	2595	26	4269	92	141		973	30		4.00E+05	3.42E+03
37	121	MITCHELL	NC	4917	374	96	2062	158			310	26		1.20E+05	1.49E+03
37	123	MONTGOMERY	NC	3884	636	36	1338	75	40		12485			8.70E+06	
37	125	MOORE	NC	6938	256	100	3513	223	254		19898	50	120030	2.70E+07	4.85E+04
37	127	NASH	NC	7914	380	34	3949	85	498		58350			4.50E+06	2.48E+05
37	129	NEW HANOVER	NC	422			74	13	20		224				
37	131	NORTHAMPTON	NC	6008	194	3	2443	40	1165		40407			7.70E+05	9.78E+04
37	133	ONSLOW	NC	2454	292	27	1001	96	157		76592	10			
37	135	ORANGE	NC	15258	4184	68	4412	125	280		12401	130		1.30E+05	1.20E+05
37	137	PAMLICO	NC	793	7	4	427	11	26		1427			8.40E+04	5.67E+04
37	139	PASQUOTANK	NC	2484	36	27	1214	35	730		17312	143		5.60E+02	1.64E+03
37	141	PENDER	NC	2323	268	25	964	113	114		22144		131927	3.30E+06	1.62E+05
37	143	PERQUIMANS	NC	2288	37	30	1156	68	180		49463	54		3.60E+03	3.38E+03
37	145	PERSON	NC	7525	641	95	3623	160	207		9076	40		2.80E+05	1.16E+05
37	147	PITT	NC	8834	719	44	3984	150	998		88003	45	7	1.60E+06	9.62E+05
37	149	POLK	NC	4015	342	27	2233	56	45		596			2.50E+05	5.80E+04
37	151	RANDOLPH	NC	28234	5552	224	10802	460	783		39319	184	90060	2.70E+07	4.30E+05
37	153	RICHMOND	NC	3338	41	30	2141	62	20		3655			8.30E+06	
37	155	ROBESON	NC	5922	316	106	2956	294	199		66272			9.60E+04	1.19E+05
37	157	ROCKINGHAM	NC	11041	1767	137	4801	338	150		3214	22		1.90E+05	7.14E+04
37	159	ROWAN	NC	25080	5594	88	8474	364	725		7875	28		1.30E+06	7.41E+04
37	161	RUTHERFORD	NC	13619	1052	86	6441	153	152		1748			1.60E+04	6.71E+04
37	163	SAMPSON	NC	12992	896	83	6318	226	619		187733		1381325	5.00E+06	4.32E+05
37	165	SCOTLAND	NC	4151	10	4	3681	26	83		48094		277108	2.90E+05	
37	167	STANLY	NC	20597	1866	71	10424	242	208		18197	60	299498	1.60E+06	6.19E+05
37	169	STOKES	NC	10290	638	298	5364	391	374		9051	27	30	1.10E+05	9.48E+04
37	171	SURRY	NC	23272	2629	297	9294	402	434		7952	65		4.60E+06	4.68E+05
37	173	SWAIN	NC	948	94	30	508	34	12		273			2.10E+02	7.06E+02
37	175	TRANSYLVANIA	NC	4293	183	31	1662	52	74		986				
37	177	TYRRELL	NC	1262	92	26	642	14	55		14172	41			7.32E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
37	179	UNION	NC	27605	2961	97	12743	333	447		46440	1	30[illegible]229	2.30E+07	2.23E+05
37	181	VANCE	NC	5195	456	66	2483	147	1		18090			9.20E+02	3.19E+03
37	183	WAKE	NC	15414	3690	82	5068	242	546		29347	315		1.30E+06	2.88E+05
37	185	WARREN	NC	8644	610	118	4298	115	75		7770	20		7.30E+02	7.75E+03
37	187	WASHINGTON	NC	5894	165	20	2389	36	267		23669			7.30E+03	6.58E+03
37	189	WATAUGA	NC	11471	859	301	4399	301	168		365	425		2.30E+06	3.25E+03
37	191	WAYNE	NC	8374	1169	48	3342	158	457		121616	22	204819	6.60E+06	3.56E+05
37	193	WILKES	NC	27092	1639	199	13[illegible]5	244	610		4546	19	19879	5.30E+07	1.73E+06
37	195	WILSON	NC	2916	106	18	1447	109	353		26433			1.20E+06	2.36E+04
37	197	YADKIN	NC	20000	3674	219	7237	393	1235		4016	27	19879	3.00E+04	3.65E+05
37	199	YANCEY	NC	7401	1228	284	2753	250	4		357	21		2.60E+02	3.68E+03
38	0		ND	2403690	111452	2734	1191137	2472	139522		657932	238589	695783	6.50E+05	6.80E+05
38	1	ADAMS	ND	43235	1113	36	22702	11	2333		8184	4939	10	1.30E+03	3.39E+03
38	3	BARNES	ND	53002	2563	77	22282	74	3209		32442	2597	10015	3.70E+04	2.91E+04
38	5	BENSON	ND	43807	1526	30	23068	39	2075		9681	4064	31054	7.40E+03	7.40E+03
38	7	BILLINGS	ND	33688	599	78	18623	1	518		1234	180		3.30E+02	3.27E+03
38	9	BOTTINEAU	ND	31760	823	50	15410	95	1156		6589	2869	45482	4.30E+03	5.93E+03
38	11	BOWMAN	ND	39742	496	56	23132	13	1701		3622	25395	5	7.20E+02	2.68E+03
38	13	BURKE	ND	20350	554	29	10841	41	457		1506	3051		2.50E+03	3.77E+03
38	15	BURLEIGH	ND	81780	2654	82	41399	67	2272		21842	1931	71	3.50E+03	7.40E+03
38	17	CASS	ND	35966	1605	34	11737	57	15048		58344	13957		5.20E+04	5.71E+04
38	19	CAVALIER	ND	14345	625	39	6656	104	713		4993	609		4.40E+03	2.86E+03
38	21	DICKEY	ND	67096	2242	32	31069	36	5530		26947	7293		2.60E+04	2.62E+04
38	23	DIVIDE	ND	21412	302	50	11489	31	1126		3979	1531		2.50E+03	5.02E+03
38	25	DUNN	ND	105989	2611	163	56413	19	2352		7625	3298	14	2.70E+03	1.15E+04
38	27	EDDY	ND	26772	1003	38	13[illegible]01	22	233		7302	4721		1.40E+03	3.83E+03
38	29	EMMONS	ND	71284	6346	63	35219	33	1744		16272	1467	269	1.10E+04	2.32E+04
38	31	FOSTER	ND	26561	737	22	12660	13	10[illegible]7		3662	4621		1.00E+04	1.03E+04
38	33	GOLDEN VALLE	ND	32654	1074	38	15658	26	438		8921	2099		7.50E+02	2.41E+03
38	35	GRAND FORKS	ND	24863	1170	31	10378	80	1980		9683	3864		7.20E+04	4.63E+04
38	37	GRANT	ND	78340	4228	107	43707	34	1965		29163	5133	5	4.00E+03	1.29E+04
38	39	GRIGGS	ND	27602	1001	40	13289	34	1324		6491	1852	17018	1.10E+04	1.41E+04
38	41	HETTINGER	ND	39332	2318	84	20957	42	2267		18560	765	26	1.70E+[illegible]	5.02E+03
38	43	KIDDER	ND	78638	3446	47	41075	2	1335		9710	8052		2.60E+03	8.35E+03
38	45	LA MOURE	ND	60304	4469	37	24953	37	4309		20220	5447	11099	1.10E+05	1.74E+04
38	47	LOGAN	ND	52788	4478	40	25119	35	843		3718	2051		5.80E+03	1.17E+04
38	49	MC HENRY	ND	80989	3423	46	40459	76	2494		22883	2824	4	1.10E+04	1.34E+04
38	51	MC INTOSH	ND	55282	4719	10	24679	17	1586		10075	2014		1.00E+04	1.53E+04
38	53	MC KENZIE	ND	93456	658	164	53513	38	3056		8134	29971		3.40E+03	1.08E+04
38	55	MC LEAN	ND	57368	2823	74	28481	64	4759		9664	2942	1	5.50E+03	1.21E+04
38	57	MERCER	ND	53956	2423	39	28900	32	1039		7535	1705		7.10E+03	1.04E+04
38	59	MORTON	ND	109656	8452	13[illegible]	55650	30	5286		28856	4457	224	3.70E+04	2.50E+04
38	61	MOUNTRAIL	ND	46338	1780	76	25745	61	688		3087	3827		6.90E+03	7.88E+03
38	63	NELSON	ND	19974	1066	21	10016	41	563		12264	2891	200301	1.60E+03	2.97E+03
38	65	OLIVER	ND	38684	2174	45	19823	19	509		8833	1366		3.90E+03	9.18E+03
38	67	PEMBINA	ND	13245	480	22	5779	74	1437		12667	3043	100	3.10E+03	4.55E+03
38	69	PIERCE	ND	34120	2873	45	15906	18	1328		4006	1812	98042	1.20E+04	1.27E+04
38	71	RAMSEY	ND	13184	619	38	6533	51	804		3873	2447	19402	3.00E+03	3.74E+03
38	73	RANSOM	ND	46431	1172	19	22302	43	3449		17816	5776		1.30E+03	5.71E+03
38	75	RENVILLE	ND	13623	996	18	6197	64	201		2866	1459		3.20E+03	2.93E+03
38	77	RICHLAND	ND	57679	2854	60	24704	123	11759		38833	3332	28162	3.80E+04	6.67E+04

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
38	79	ROLETTE	ND	24300	810	33	11571	47	1256		4810	2274		8.80E+02	3.05E+03
38	81	SARGENT	ND	49279	1875	36	22051	20	4522		32826	5790		2.10E+04	1.94E+04
38	83	SHERIDAN	ND	34524	2409	17	17497	12	829		4515	248		5.00E+03	8.79E+03
38	85	SIOUX	ND	43157	1337	36	23852	1	187		4310	1753		7.90E+02	4.50E+03
38	87	SLOPE	ND	37890	515	45	21327	1	930		6963	4462		1.30E+03	2.95E+03
38	89	STARK	ND	73481	5820	100	34133	34	4709		12440	4474	3	4.00E+03	1.23E+04
38	91	STEELE	ND	12380	534	16	5070	49	1187		2531	1636		9.60E+02	1.62E+03
38	93	STUTSMAN	ND	89072	4823	35	44856	85	3612		14092	9563	6	1.60E+04	2.45E+04
38	95	TOWNER	ND	9953	252	23	4935	104	591		7275	3596		1.30E+03	2.59E+03
38	97	TRAILL	ND	10986	937	16	5993	74	1398		13595	1344		4.10E+04	2.52E+04
38	99	WALSH	ND	22097	918	46	9947	114	2258		10363	1587		5.60E+03	8.14E+03
38	101	WARD	ND	57705	3957	106	25729	122	1396		7781	3174	76	8.40E+03	1.55E+04
38	103	WELLS	ND	40598	2185	19	17737	65	9858		6648	3985		1.40E+04	1.91E+04
38	105	WILLIAMS	ND	52753	583	95	28015	47	1160		4479	12049		2.10E+03	6.32E+03
39	0		OH	1898573	385665	4721	431984	15[illegible]	420972		3165535	368289	2756024	3.10E+07	9.57E+06
39	1	ADAMS	OH	37953	5511	158	14695	350	2047		19491	2416		5.20E+03	1.42E+04
39	3	ALLEN	OH	13034	2118	19	885	132	6280		51043	4808		5.70E+05	2.39E+05
39	5	ASHLAND	OH	38334	12813	61	4454	27[illegible]	6047		24815	6625	94	2.40E+05	4.55E+04
39	7	ASHTABULA	OH	31664	13729	123	3706	307	695		8605	1278		3.70E+04	6.23E+04
39	9	ATHENS	OH	13717	1820	42	5103	138	388		1730	1177		5.60E+04	9.05E+03
39	11	AUGLAIZE	OH	26968	9184	30	1425	62	8526		72034	5006		1.90E+05	1.75E+05
39	13	BELMONT	OH	22770	4233	42	7646	158	619		2039	2585		3.10E+04	4.85E+04
39	15	BROWN	OH	31947	4620	102	12342	480	1724		24057	1550	1912	2.20E+04	1.56E+04
39	17	BUTLER	OH	30931	4923	34	852[illegible]	195	5709		48531	2285		9.50E+03	1.99E+04
39	19	CARROLL	OH	21995	5193	80	5192	214	1602		5236	2101		8.30E+04	6.84E+04
39	21	CHAMPAIGN	OH	38168	8716	70	5997	224	9325		43724	6159		1.70E+05	5.76E+04
39	23	CLARK	OH	37535	3454	22	6841	130	34971		53220	6259		1.50E+05	3.60E+04
39	25	CLERMONT	OH	16611	1176	55	7253	357	731		6788	382		1.40E+05	5.06E+04
39	27	CLINTON	OH	24[illegible]4	2233	25	6259	203	7831		139749	4684		7.40E+04	5.93E+03
39	29	COLUMBIANA	OH	31472	9915	69	4924	325	2976		9718	1819		1.70E+05	1.34E+05
39	31	COSHOCTON	OH	33771	5531	62	9251	276	3853		334[illegible]4	11137	100	2.40E+05	1.30E+04
39	33	CRAWFORD	OH	18886	2611	41	2253	199	7841		57729	13096		1.80E+05	5.80E+04
39	35	CUYAHOGA	OH	775	120	7	143	6	16		146	146	70	3.30E+04	
39	37	DARKE	OH	37735	9976	98	5139	397	8734		170324	9043	403614	4.00E+06	1.19E+06
39	39	DEFIANCE	OH	10720	2[illegible]7	19	927	152	4686		42955	1399		2.80E+05	1.36E+05
39	41	DELAWARE	OH	17072	3744	32	3189	207	3754		24417	6420		5.50E+03	6.58E+03
39	43	ERIE	OH	6999	2720	24	599	64	1329		10748	791	500	2.90E+05	2.32E+04
39	45	FAIRFIELD	OH	31885	5483	59	9052	284	5503		50090	6464	385	1.40E+06	1.40E+05
39	47	FAYETTE	OH	19814	854	38	6334	64	7951		108598	4396	1500	1.70E+03	4.76E+03
39	49	FRANKLIN	OH	9523	1742	11	2288	110	2073		14732	2964		5.10E+04	2.23E+04
39	51	FULTON	OH	37448	3214	26	1037	32	35544		178603	1312	26656	1.60E+06	3.79E+05
39	53	GALLIA	OH	23206	2713	79	8621	179	1678		4392	562		4.90E+03	6.19E+03
39	55	GEAUGA	OH	9862	4792	58	1024	71	236		6153	797		2.30E+04	2.46E+04
39	57	GREENE	OH	22866	2121	30	6530	160	9403		104127	5001		1.00E+04	1.53E+04
39	59	GUERNSEY	OH	25418	2182	86	10437	189	809		6017	4088		8.50E+03	1.02E+04
39	61	HAMILTON	OH	5459	814	12	1736	71	421		4567	789		3.20E+03	3.01E+03
39	63	HANCOCK	OH	12068	1833	80	1488	107	7540		58704	11556		2.00E+05	1.89E+05
39	65	HARDIN	OH	17224	3178	31	2565	136	4689		56382	10957		1.40E+05	5.89E+04
39	67	HARRISON	OH	15848	1970	54	6356	75	247		2110	7807		2.90E+04	5.32E+04
39	69	HENRY	OH	13310	2709	13	570	37	9750		36752	775	60090	8.90E+05	4.37E+05
39	71	HIGHLAND	OH	41781	4235	104	15272	245	4988		82122	5614	34789	1.60E+04	1.40E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
39	73	HOCKING	OH	9384	135	29	3833	63	898		3742	1548		3.00E+03	2.15E+04
39	75	HOLMES	OH	40617	16102	94	4505	201	2188		66450	1943	134036	4.70E+06	1.50E+05
39	77	HURON	OH	14049	3823	98	1634	164	3423		33871	6814		3.80E+04	3.91E+04
39	79	JACKSON	OH	17142	913	61	8408	77	906		14133	170	87048	1.50E+05	1.16E+04
39	81	JEFFERSON	OH	10096	1648	22	3481	116	314		3670	558		6.50E+03	2.42E+04
39	83	KNOX	OH	37990	9139	113	9458	357	4479		34255	23300	176204	3.50E+04	4.68E+04
39	85	LAKE	OH	1234	144	9	364	49	336		348	92		3.50E+04	1.41E+04
39	87	LAWRENCE	OH	11854	1581	59	4677	193	813		2231	75		5.70E+05	3.45E+04
39	89	LICKING	OH	41223	8047	92	11942	443	5054		31447	11215		6.90E+05	1.25E+05
39	91	LOGAN	OH	29895	8106	85	4427	211	5678		36987	15889		2.60E+05	1.93E+05
39	93	LORAIN	OH	17320	7610	64	1211	221	2063		7458	2243		4.20E+05	3.05E+04
39	95	LUCAS	OH	2942	150	11	321	32	1775		18685	121		2.20E+05	1.28E+05
39	97	MADISON	OH	30219	3746	37	7424	73	13085		83371	5969		9.30E+04	1.69E+04
39	99	MAHONING	OH	15352	4896	44	2630	202	2037		6944	685	49397	4.60E+05	2.90E+05
39	101	MARION	OH	11669	1266	31	2095	100	5194		49454	8689		1.50E+05	1.26E+05
39	103	MEDINA	OH	19243	7817	51	2561	254	1504		9272	814		1.30E+05	1.01E+05
39	105	MEIGS	OH	17842	2636	41	6828	210	337		1968	353		1.40E+05	2.94E+04
39	107	MERCER	OH	37997	14691	48	1874	89	7263		136104	2999	652108	2.80E+06	8.18E+05
39	109	MIAMI	OH	24628	2478	38	4782	176	12168		53915	3667	41114	1.80E+05	1.32E+05
39	111	MONROE	OH	21503	3087	84	8078	353	334		3557	1675		3.30E+04	2.52E+04
39	113	MONTGOMERY	OH	19381	1524	43	4698	197	4706		31054	3462		3.60E+04	4.15E+04
39	115	MORGAN	OH	16607	1511	50	6760	103	852		6772	5142		2.10E+04	1.87E+04
39	117	MORROW	OH	17707	3387	86	4322	353	2317		25758	10218		1.40E+05	6.06E+04
39	119	MUSKINGUM	OH	34864	3218	106	13701	311	4196		22687	11021		3.70E+04	2.80E+04
39	121	NOBLE	OH	18256	820	35	8642	117	609		1446	3523		2.20E+04	4.13E+04
39	123	OTTAWA	OH	3409	1086	13	117	33	1547		9630	251		1.10E+05	1.07E+05
39	125	PAULDING	OH	3978	902	16	727	66	800		11989	842		1.50E+05	1.15E+05
39	127	PERRY	OH	19817	1369	54	8102	196	2434		16028	4844		2.30E+05	1.35E+04
39	129	PICKAWAY	OH	29986	2093	39	8529	175	13246		102297	4887		2.00E+05	6.02E+04
39	131	PIKE	OH	15456	1005	34	6459	90	2220		10355	351	42921	1.20E+05	1.26E+04
39	133	PORTAGE	OH	17746	5572	72	2749	237	1820		3672	1477	102861	1.10E+05	1.02E+05
39	135	PREBLE	OH	27943	3983	43	6528	259	7783		114974	3386		4.40E+04	9.58E+04
39	137	PUTNAM	OH	15209	3851	56	1012	97	5348		103690	3343	39759	1.00E+06	5.37E+05
39	139	RICHLAND	OH	25615	4700	120	5225	335	8336		24605	4211	31777	9.50E+04	4.09E+04
39	141	ROSS	OH	34827	1527	73	13952	165	6412		63452	3013		2.20E+05	6.80E+04
39	143	SANDUSKY	OH	14896	3221	19	1454	53	7609		25061	2411		2.50E+05	9.48E+04
39	145	SCIOTO	OH	18269	2370	91	7033	137	1054		6518	118	100602	3.00E+05	1.36E+05
39	147	SENECA	OH	15822	3903	78	1799	138	4585		51416	9488	3	1.40E+05	9.35E+04
39	149	SHELBY	OH	27931	16975	41	2487	146	5642		67191	5477		3.80E+05	1.32E+05
39	151	STARK	OH	32036	11583	60	4313	239	3497		16019	1173		7.20E+05	1.42E+05
39	153	SUMMIT	OH	2869	463	14	850	44	198		993	635		3.00E+04	3.84E+04
39	155	TRUMBULL	OH	76035	6213	95	4182	246	1448		2352	897	1099	1.70E+05	6.41E+04
39	157	TUSCARAWAS	OH	31410	8176	48	6271	245	1837		14084	1601	73012	1.10E+06	1.23E+05
39	159	UNION	OH	23511	6617	43	2683	142	5350		90335	12349		1.50E+04	1.43E+04
39	161	VAN WERT	OH	9876	1599	11	561	72	2374		28116	2113		2.50E+05	1.15E+05
39	163	VINTON	OH	5779	445	18	2574	35	302		9433	920			1.45E+03
39	165	WARREN	OH	20528	2412	63	6344	175	3615		32778	2076		4.10E+04	9.96E+04
39	167	WASHINGTON	OH	28102	3103	121	9748	254	2703		11362	2619		3.00E+04	3.65E+04
39	169	WAYNE	OH	70773	29028	87	3829	249	10607		68350	5832	5948	1.50E+06	7.10E+05
39	171	WILLIAMS	OH	22420	3232	32	1828	127	15300		50945	4108	86325	2.50E+05	1.10E+05
39	173	WOOD	OH	12610	1061	24	1427	94	9253		26768	3303		2.70E+05	1.58E+05
39	175	WYANDOT	OH	8302	1613	38	1104	72	2615		47359	9628		3.00E+03	4.98E+04

APPENDIX B (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-ABE HENS
40	0		OK	4943568	102061	5206	2077075	3709	678458		385743	82181	1822289	3.60E+07	1.97E+06
40	1	ADAIR	OK	47157	2493	118	22051	134	474		6011	298		1.20E+07	1.93E+05
40	3	ALFALFA	OK	36897	538	29	19031	46	3938		14208	14148	21388	2.10E+03	4.15E+03
40	5	ATOKA	OK	75031	530	142	36882	65	1627		2285	234		1.30E+03	4.98E+03
40	7	BEAVER	OK	90284	1425	32	34010	60	42038		16104	274		8.40E+02	3.99E+03
40	9	BECKHAM	OK	49204	1536	43	21272	86	1736		5230	682		5.00E+02	1.99E+03
40	11	BLAINE	OK	72819	1444	32	24466	120	5008		4179	435	1596	5.10E+03	4.06E+03
40	13	BRYAN	OK	91295	641	135	36943	73	897		3770	412		3.40E+03	7.75E+03
40	15	CADDO	OK	134413	996	60	58178	138	3311		11446	4040	280	1.00E+04	1.33E+04
40	17	CANADIAN	OK	105101	2840	37	28206	100	28548		10543	5374		8.60E+03	1.61E+04
40	19	CARTER	OK	50484	228	67	25721	102	593		1937	169		2.20E+02	2.33E+03
40	21	CHEROKEE	OK	47581	1841	133	23657	94	189		9973	30	495402	5.40E+05	
40	23	CHOCTAW	OK	27471	484	108	33622	43	736		1309	230	6	8.00E+03	8.38E+03
40	25	CIMARRON	OK	26905	372	40	20427	15	78926		1474	1421		3.60E+02	1.57E+03
40	27	CLEVELAND	OK	31504	1917	48	14280	93	370		2336	335		3.40E+03	6.02E+03
40	29	COAL	OK	57575	507	69	26849	4	2542		751	29		7.60E+02	2.63E+03
40	31	COMANCHE	OK	57914	2185	55	25250	73	2520		3478	560		9.40E+02	3.91E+03
40	33	COTTON	OK	47597	56	15	19578	42	1090		933	340		2.50E+03	4.68E+03
40	35	CRAIG	OK	95232	788	87	42795	90	26012		3578	372		5.60E+03	8.01E+03
40	37	CREEK	OK	46642	564	132	25490	108	1164		3611	217		1.60E+04	2.00E+04
40	39	CUSTER	OK	48980	2225	43	19880	93	6177		6060	1564		1.40E+03	3.97E+03
40	41	DELAWARE	OK	58169	2596	117	28496	76	1043		9350	342	367469	5.80E+06	2.51E+05
40	43	DEWEY	OK	58956	628	46	23219	51	5487		4641	394		1.30E+03	6.80E+03
40	45	ELLIS	OK	46833	2735	46	24444	10	3798		4868	249		4.70E+02	3.63E+03
40	47	GARFIELD	OK	73075	1063	29	23392	79	3562		11944	5689		7.20E+03	1.05E+04
40	49	GARVIN	OK	80527	1300	87	39837	102	2482		7561	1229	1807	2.80E+04	2.30E+04
40	51	GRADY	OK	114797	5219	94	45845	114	3772		18435	1762		9.40E+02	4.49E+03
40	53	GRANT	OK	55293	551	45	19042	69	3473		9077	8967		1.70E+03	5.63E+03
40	55	GREER	OK	28182	266	18	12167	40	216		1017	52		1.10E+01	1.33E+03
40	57	HARMON	OK	28917	121	13	7324	54	96		519	271		1.20E+03	1.62E+03
40	59	HARPER	OK	76979	1015	28	21396	31			3270	434		1.10E+02	1.69E+03
40	61	HASKELL	OK	54940	140	84	30843	33	1155		542	286		5.40E+02	3.21E+03
40	63	HUGHES	OK	57087	268	133	31194	88	1054		3340	25		9.30E+02	3.40E+03
40	65	JACKSON	OK	44101	86	21	12217	66	7568		474	2602		3.40E+02	1.30E+03
40	67	JEFFERSON	OK	43288	114	24	32189	34	960		805	139		1.50E+03	2.37E+03
40	69	JOHNSTON	OK	50709	1111	57	27011	25	550		4501	55		2.00E+02	1.54E+03
40	71	KAY	OK	59307	1399	47	20772	61	2812		13536	3834	120	4.30E+01	3.81E+04
40	73	KINGFISHER	OK	100429	2440	33	21465	103	16667		9012	1337		3.50E+03	8.35E+03
40	75	KIOWA	OK	53134	330	9	22431	59	3085		1350	1439		3.20E+02	2.06E+03
40	77	LATIMER	OK	31576	75	55	17289	32	345		401	82		3.70E+01	1.30E+03
40	79	LE FLORE	OK	78162	531	138	39482	63	728		4194	30	248494	4.30E+06	8.74E+04
40	81	LINCOLN	OK	73284	3235	127	31713	197	855		4423	588	260	1.10E+04	9.52E+03
40	83	LOGAN	OK	3.403	928	67	24740	93	966		5561	1154		2.90E+04	2.06E+04
40	85	LOVE	OK	35892	105	45	19857	49	404		5331	24		9.80E+02	2.90E+03
40	87	MC CLAIN	OK	49475	4715	60	24312	124	6569		6025	299		2.20E+02	2.55E+03
40	89	MC CURTAIN	OK	69883	834	152	39338	76	190		2075	135		1.10E+07	3.72E+03
40	91	MC INTOSH	OK	43220	568	85	24451	19	782		2681	574		1.00E+03	3.83E+03
40	93	MAJOR	OK	64777	2589	54	26019	65	2379		5556	332		8.20E+02	5.41E+03
40	95	MARSHALL	OK	29574	101	38	14942	19	100		1564	313		6.80E+02	2.21E+03
40	97	MAYES	OK	64873	4110	116	29962	121	1554		5889	265		1.40E+04	1.17E+04
40	99	MURRAY	OK	37579	2525	40	17618	17	1063		1825	903		1.60E+05	1.51E+05
40	101	MUSKOGEE	OK	73936	1741	108	38026	90	1266		2923	550		1.20E+03	4.32E+03
40	103	NOBLE	OK	50121	1202	55	24036	32	831		5253	1300		8.90E+02	5.24E+03
40	105	NOWATA	OK	48814	1282	84	23076	59	1465		3116	335		1.30E+03	4.01E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
40	107	OKFUSKEE	OK	48113	343	86	25932	57	1489		4395	10		6.70E+02	3.08E+03
40	109	OKLAHOMA	OK	34093	1722	97	14855	136	1397		2843	2670	70	2.20E+05	
40	111	OKMULGEE	OK	50242	499	111	26110	125	4336		2524	144	30	4.20E+03	8.18E+03
40	113	OSAGE	OK	175350	839	78	85697	74	7460		9798	351		6.70E+02	3.72E+03
40	115	OTTAWA	OK	51282	1597	52	26165	82	2051		4223	249	80	5.40E+04	3.77E+04
40	117	PAWNEE	OK	52057	882	51	19848	45	1810		10548	331		9.10E+03	1.05E+04
40	119	PAYNE	OK	56381	3200	73	24909	129	2572		8574	804	30	3.10E+03	8.83E+03
40	121	PITTSBURG	OK	87813	604	137	47277	76	884		3724	120	373494	1.20E+04	1.29E+04
40	123	PONTOTOC	OK	63267	2341	90	31590	96	1486		1967	74		7.60E+04	3.87E+04
40	125	POTTAWATOMIE	OK	52839	3177	122	25242	122	443		5066	320		2.40E+05	1.21E+05
40	127	PUSHMATAHA	OK	49915	163	94	23291	47	1233		5915	6		2.20E+04	1.74E+04
40	129	ROGER MILLS	OK	71366	4933	44	29307	36	2157		3829	1075		3.50E+02	2.82E+03
40	131	ROGERS	OK	62905	1769	78	31348	138	1406		3754	102	32	7.00E+02	4.43E+03
40	133	SEMINOLE	OK	42302	1040	64	23196	83	209		1149	25		4.00E+04	2.50E+03
40	135	SEQUOYAH	OK	44139	220	85	22385	73	93		883	4	131777	9.30E+04	4.04E+04
40	137	STEPHENS	OK	72926	639	82	35059	104	1748		2843	1262			5.37E+03
40	139	TEXAS	OK	175936	311	36	18364	42	270225		6628	591		3.80E+02	2.70E+03
40	141	TILLMAN	OK	48076	111	30	18637	66			1275	1233		2.50F+01	1.53E+03
40	143	TULSA	OK	29510	1529	48	14696	135	443		1809	44	115	1.40E+03	4.29E+03
40	145	WAGONER	OK	42343	1955	53	19203	53	1277		5108	217		8.70E+01	
40	147	WASHINGTON	OK	38719	339	53	18850	110	723		1928	39	25	7.00E+02	2.87E+03
40	149	WASHITA	OK	75228	1104	42	24648	97	4894		7119	3339	599	9.90E+01	4.37E+04
40	151	WOODS	OK	81421	117	40	27011	46	3991		4160	1312		6.60E+02	3.62E+03
40	153	WOODWARD	OK	81027	454	28	31774	67	10303		15375	146	299	1.10E+03	4.20E+03
41	0		OR	1339319	87994	3178	703189	7403	177452		158801	278689	1230421	1.70E+07	3.23E+06
41	1	BAKER	OR	104945	1223	117	52043	95	1796			5547		5.70E+02	1.85E+03
41	3	BENTON	OR	13106	1719	58	4779	175	481		3384	6759	16	6.60E+01	
41	5	CLACKAMAS	OR	37820	3477	250	13883	1012	2290		17250	13787	376506	5.60E+06	6.71E+05
41	7	CLATSOP	OR	7192	1157	24	3016	66	123		370	601		1.00E+04	1.90E+03
41	9	COLUMBIA	OR	21748	1501	48	9546	226			1529	2980	6	1.00E+01	1.32E+03
41	11	COOS	OR	25078	6247	65	8237	180	236		813	13029			
41	13	CROOK	OR	54633	208	50	30617	29	1522		1154	1355			4.63E+03
41	15	CURRY	OR	9724	1057	8	4882	45	92		69	29175		3.10E+01	5.63E+02
41	17	DESCHUTES	OR	18451	952	64	7479	149			1009	2623	2	9.80E+03	7.53E+03
41	19	DOUGLAS	OR	51808	1534	211	24604	422	682		3337	66139	2	7.20E+03	8.92E+03
41	21	GILLIAM	OR	24081	46	32	11505	2	3310		108	2013		1.80E+02	6.12E+02
41	23	GRANT	OR	34848	183	78	31159	32	836		224	1149	24247	1.90E+03	1.29E+03
41	25	HARNEY	OR	125343	450	72	71528	35	177		593	2459		1.20E+02	9.91E+02
41	27	HOOD RIVER	OR	3451	734	20	924	139	304		281	213	2	3.50E+05	1.14E+03
41	29	JACKSON	OR	49026	3349	165	19809	343	546		2139	2991	27861	3.90E+05	1.27E+05
41	31	JEFFERSON	OR	24715	133	49	10264	25	24232		2273	6017		2.50E+02	7.88E+02
41	33	JOSEPHINE	OR	12443	3324	87	3230	154	153		623	733			
41	35	KLAMATH	OR	90512	2378	100	40774	100			2225	17671	8	1.50E+02	5.19E+04
41	37	LAKE	OR	99660	98	38	56443	37	519		687	1638		1.70E+02	8.31E+02
41	39	LANE	OR	35381	3813	178	14643	519	1755		2864	20428		3.40E+06	1.71E+05
41	41	LINCOLN	OR	6968	614	25	3253	63	227		4	1452		6.10E+00	7.40E+02
41	43	LINN	OR	37164	4489	196	14287	534	2304		9525	68379		6.70E+05	2.92E+05
41	45	MALHEUR	OR	209363	7133	158	91559	146	49518		3039	11171		5.90E+02	3.57E+03
41	47	MARION	OR	36234	9359	218	9325	731	2243		21881	18336	16716	1.90E+06	5.06E+05
41	49	MORROW	OR	38258	679	43	18360	19	666		792	14869	8	2.50E+01	7.75E+02
41	51	MULTNOMAH	OR	6564	953	30	2780	98	336		714	15015	4	5.20E+01	9.31E+02

ST	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
41	53	POLK	OR	18705	3521	121	5472	365	843		4667	23043	177710	1.00E+06	
41	55	SHERMAN	OR	11570	38	19	5995	29	1594		3542	226			
41	57	TILLAMOOK	OR	28434	15053	15	2261	68	161		141	71		4.00E+02	6.71E+02
41	59	UMATILLA	OR	96634	933	123	37699	180	45893			189629	104819	1.60E+03	3.75E+03
41	61	UNION	OR	43300	527	96	19522	133			12066	4300	75	6.30E+02	2.35E+03
41	63	WALLOWA	OR	61910	273	84	31197	66	813		3180	12540		1.90E+02	1.31E+03
41	65	WASCO	OR	36535	70	43	19775	78	790		4292	2041	3	1.10E+03	2.19E+03
41	67	WASHINGTON	OR	22546	5979	143	4774	589	2356		7541	5872		6.80E+05	1.16E+04
41	69	WHEELER	OR	18476	58	27	10009	6	1042		560	4399		3.10E+01	6.23E+02
41	71	YAMHILL	OR	22673	4531	123	6356	514	1137		19732	10039	445783	2.10E+06	9.00E+04
42	0		PA	1762477	670557	4216	192330	11037	223460		839213	77405	2936747	9.10E+07	1.25E+07
42	1	ADAMS	PA	33042	8105	62	6036	159	9298		25735	1287	448795	5.70E+06	2.94E+05
42	3	ALLEGHENY	PA	5151	1178	16	1302	110	384		2114	760		2.70E+05	7.14E+04
42	5	ARMSTRONG	PA	21121	5559	83	4587	259	1896		10667	1108		5.70E+04	8.79E+04
42	7	BEAVER	PA	11220	3492	58	2345	168	524		3318	440	50	5.60E+04	3.70E+04
42	9	BEDFORD	PA	43267	16060	88	5866	226	2768		9974	1721		1.70E+04	2.38E+04
42	11	BERKS	PA	69104	27387	137	3560	224	16829		43217	1232	93072	3.70E+06	3.57E+05
42	13	BLAIR	PA	22299	10518	18	1594	97	799		7748	658		3.30E+05	6.06E+04
42	15	BRADFORD	PA	76928	38905	103	4644	383	1410		2034	2348	76	4.70E+05	1.92E+05
42	17	BUCKS	PA	20601	8543	29	2271	126	1481		4097	752	17771	5.70E+05	3.57E+05
42	19	BUTLER	PA	25973	6420	113	6017	377	2477		13021	2572		7.90E+05	2.02E+05
42	21	CAMBRIA	PA	12035	3181	101	2598	121	951		6194	377		1.40E+06	5.41E+04
42	23	CAMERON	PA	369	150	5	68	16	3					2.10E+02	4.11E+02
42	25	CARBON	PA	1135	279	8	110	13	208		517	120		3.40E+04	4.94E+04
42	27	CENTRE	PA	27847	12307	38	2462	138	1356		8284	1034		3.40E+04	4.43E+04
42	29	CHESTER	PA	60634	24866	49	5490	256	8437		20410	1244	10436	1.70E+06	1.72E+05
42	31	CLARION	PA	17618	5153	79	3839	173	872		3944	366	239	4.20E+04	6.49E+04
42	33	CLEARFIELD	PA	9308	3661	46	1443	199	275		1607	493	1465	9.30E+03	5.58E+04
42	35	CLINTON	PA	8417	3057	20	854	56	913		1001	15		8.30E+03	7.32E+03
42	37	COLUMBIA	PA	16367	4408	83	2931	311	1817		15767	430	10858	9.70E+05	9.22E+04
42	39	CRAWFORD	PA	49548	20517	135	5884	328	1686		5478	753	7274	1.40E+05	1.06E+05
42	41	CUMBERLAND	PA	41638	17085	59	3117	189	4161		14163	1000	30421	3.30E+05	9.70E+04
42	43	DAUPHIN	PA	20574	6624	66	1927	86	4054		18473	644	29819	3.00E+06	1.74E+05
42	45	DELAWARE	PA	1820	870	1	240	25	52		3721	65	500	7.80E+03	4.85E+03
42	47	ELK	PA	3037	1373	11	496	46	92		314		24	8.70E+04	9.52E+04
42	49	ERIE	PA	36300	14091	89	3667	366	1498		3961	276	30	7.10E+04	6.36E+04
42	51	FAYETTE	PA	19339	4696	72	5376	204	798		3772	1085		1.20E+05	1.42E+05
42	53	FOREST	PA	1026	314	5	252	27	5		178	24		3.10E+02	1.87E+02
42	55	FRANKLIN	PA	75747	34590	46	4652	189	7203		32122	1737	5015	7.90E+05	2.76E+05
42	57	FULTON	PA	14935	5215	56	2714	143	1023		3886	482		2.30E+05	8.74E+03
42	59	GREENE	PA	23531	2864	94	9210	281	336		1093	15127		9.40E+03	1.32E+04
42	61	HUNTINGDON	PA	25902	9579	55	3147	206	1097		7963	815		1.50E+05	2.44E+04
42	63	INDIANA	PA	28568	9011	103	4827	274	2832		12151	1553	4483	5.10E+05	3.38E+05
42	65	JEFFERSON	PA	16352	5510	67	2938	154	731		1537	117		1.30E+05	9.61E+04
42	67	JUNIATA	PA	19109	8325	30	877	147	1485		4830	553		2.90E+06	2.01E+05
42	69	LACKAWANNA	PA	9679	4141	33	1058	127	194		1321	1		2.00E+05	9.26E+04
42	71	LANCASTER	PA	207944	71598	518	5944	259	82189		264545	5328	323795	4.10E+07	3.93E+06
42	73	LAWRENCE	PA	19893	6932	35	3462	172	1034		8056	1185	30	4.20E+04	4.50E+04
42	75	LEBANON	PA	42327	17144	59	2200	91	8998		25778	790	3418	3.40E+06	2.10E+05
42	77	LEHIGH	PA	8698	3183	43	869	57	1386		13723	436	384036	1.40E+05	1.12E+05
42	79	LUZERNE	PA	9397	4389	27	883	137	270		1693	756		6.60E+04	8.05E+04

APPENDIX D (CONTINUED)

ST	CO	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
42	81	LYCOMING	PA	25832	9836	98	2866	215	1954		6339	557	1581	8.90E+04	5.84E+04
42	83	MC KEAN	PA	6128	2264		1129	55	91		200	328		4.30E+04	3.33E+04
42	85	MERCER	PA	37148	12797	121	6320	374	2249		4617	2424		1.30E+05	5.06E+04
42	87	MIFFLIN	PA	22214	13305	23	1231	104	895		11452	962	29969	3.10E+06	1.45E+05
42	89	MONROE	PA	3038	678	13	954	30	452		751	143		8.70E+03	7.45E+03
42	91	MONTGOMERY	PA	15327	6940	37	1236	99	2283		14878	602	240963	6.70E+05	2.44E+05
42	93	MONTOUR	PA	6451	2062	26	813	94	543		5007	184		1.60E+05	2.07E+04
42	95	NORTHAMPTON	PA	17404	9065	26	841	91	1329		2441	283	579	1.40E+05	1.26E+05
42	97	NORTHUMBERLA	PA	20111	4737	51	3023	174	3028		27389	927	7695	2.70E+06	4.01E+05
42	99	PERRY	PA	22519	8527	79	2197	208	2624		7168	448	79367	1.80E+06	2.17E+05
42	101	PHILADELPHIA	PA	25					25			80			
42	103	PIKE	PA	1000	245	8	126	6	18		71			2.10E+03	2.40E+03
42	105	POTTER	PA	14867	6461	24	1576	54	82		308	431	67	9.50E+04	7.45E+04
42	107	SCHUYLKILL	PA	13385	3698	51	986	83	2863		26530	369	137951	2.00E+06	7.79E+05
42	109	SNYDER	PA	18270	6942	96	1607	149	1647		16278	334	27710	3.10E+06	1.25E+05
42	111	SOMERSET	PA	48726	20747	58	4505	212	3462		15958	1800	299	2.80E+05	9.70E+04
42	113	SULLIVAN	PA	6334	2838	12	463	53	75		231	178	37	1.30E+05	2.98E+03
42	115	SUSQUEHANNA	PA	45553	24129	63	2681	283	472		921	2022		3.70E+05	1.90E+05
42	117	TIOGA	PA	43669	20651	75	4159	172	537		1250	3658		6.70E+05	2.11E+05
42	119	UNION	PA	16526	5944	34	1364	42	1840		11714	193	299698	7.60E+05	1.51E+05
42	121	VENANGO	PA	8938	2541	52	2268	194	191		2870	768		3.60E+04	9.31E+03
42	123	WARREN	PA	15471	7246	32	997	92	191		607	409	100	7.80E+04	5.19E+04
42	125	WASHINGTON	PA	45624	11230	139	12537	328	1626		5289	5997	7168	3.20E+05	8.01E+04
42	127	WAYNE	PA	34114	18103	44	1909	184	199		797	684	37	3.70E+05	1.94E+05
42	129	WESTMORELAND	PA	36264	11751	136	7550	388	1684		5448	1541	58735	2.30E+05	2.08E+05
42	131	WYOMING	PA	18397	9078	16	1383	109	756		273	193		4.30E+04	3.55E+04
42	133	YORK	PA	56292	15462	155	5763	310	16223		48162	2404	323795	4.20E+06	6.02E+05
44	0		RI	11200	6106	22	1093	147	138		5605	439		8.60E+05	2.39E+05
44	1	BRISTOL	RI	981	489	1	99	14			172			2.30E+03	1.74E+03
44	3	KENT	RI	782	439	5	101	17			540	251		4.30E+05	1.55E+02
44	5	NEWPORT	RI	3111	1706	1	415	20	53		2449	24		1.90E+04	8.48E+03
44	7	PROVIDENCE	RI	2786	1611	6	315	57	56		1927	121	209	1.50E+05	1.74E+05
44	9	WASHINGTON	RI	3560	1961	9	163	39	29		317	43		1.10E+05	5.41E+04
45	0		SC	589827	47218	1987	279175	3915	23179		533466	369	2560741	3.70E+07	5.19E+06
45	1	ABBEVILLE	SC	21050	751	38	11274	32	15		1144			3.00E+05	1.35E+05
45	3	AIKEN	SC	15728	655	52	8163	98	422		12716			5.30E+06	6.54E+04
45	5	ALLENDALE	SC	8112	233	23	4118	3	737		19186			3.40E+04	1.38E+03
45	7	ANDERSON	SC	41603	3284	101	19625	251	586		3860			2.50E+05	1.89E+05
45	9	BAMBERG	SC	10643	2758	25	3671	47	1912		16337			5.30E+04	2.10E+04
45	11	BARNWELL	SC	6078	312	25	2735	53	104		17690			1.40E+05	5.45E+04
45	13	BEAUFORT	SC	6188	158	7	3969	4			4817			2.80E+04	
45	15	BERKELEY	SC	5145	131	53	2635	149	248		16393			6.00E+04	5.19E+04
45	17	CALHOUN	SC	6791	428	25	2754	51	1055		17762			1.30E+03	1.67E+03
45	19	CHARLESTON	SC	5813	19	11	3714	8	468		3441			9.30E+01	1.19E+03
45	21	CHEROKEE	SC	12868	246	30	6444	91			3834			5.20E+05	2.99E+04
45	23	CHESTER	SC	15074	1379	39	7839	67	241		1978			6.90E+03	2.57E+04

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
45	25	CHESTERFIELD	SC	10531	130	40	6002	44	47		5453		975903	1.00E+06	1.13E+05
45	27	CLARENDON	SC	4456	610	68	1648	85	957		26972			1.50E+06	2.53E+05
45	29	COLLETON	SC	13890	168	59	7068	101	749		21395	2		2.30E+05	1.44E+05
45	31	DARLINGTON	SC	10386	364	18	5071	51	479		15810			1.10E+06	2.97E+05
45	33	DILLON	SC	4543	197	24	2395	53	212		7436		10		1.22E+04
45	35	DORCHESTER	SC	7855	1057	31	3153	52	417		13652			3.70E+00	2.87E+04
45	37	EDGEFIELD	SC	12491	1495	17	6283	25	64		3433	22		4.80E+05	1.00E+05
45	39	FAIRFIELD	SC	8310	215	12	4667	24	98		424			1.50E+01	5.58E+02
45	41	FLORENCE	SC	6107	760	84	2662	157	211		14275	4		9.10E+05	3.02E+05
45	43	GEORGETOWN	SC	2301	31	23	1185	39	62		6192			4.10E+04	4.37E+04
45	45	GREENVILLE	SC	21253	2419	57	9033	208	123		4845	8		2.10E+05	4.76E+04
45	47	GREENWOOD	SC	17319	387	19	9859	54	127		753			2.30E+05	1.32E+05
45	49	HAMPTON	SC	8367	330	21	4789	48	903		34546			2.10E+05	1.33E+05
45	51	HORRY	SC	6596	295	102	3236	291	328		43223	2		7.60E+04	6.80E+04
45	53	JASPER	SC	5651	275	24	2628	21			3514	53		1.90E+04	1.62E+04
45	55	KERSHAW	SC	9137	57	20	4872	32	96		2248		174698	5.00E+02	4.37E+03
45	57	LANCASTER	SC	12981	121	24	6955	90	440		2019		82982	1.90E+05	1.69E+05
45	59	LAURENS	SC	32441	1920	47	15382	146	182		4396			7.90E+05	2.15E+05
45	61	LEE	SC	4535	272	14	2319	26	21		9856		65060	1.20E+06	1.02E+03
45	63	LEXINGTON	SC	14418	645	100	6999	131	425		8203			6.30E+06	1.81E+05
45	65	MC CORMICK	SC	3833	55	14	2402	24	177		3740				
45	67	MARION	SC	3161	67	26	1864	54	200		17383	56			1.48E+04
45	69	MARLBORO	SC	6202	207	6	2816	13	527		3878			6.90E+01	6.84E+02
45	71	NEWBERRY	SC	24665	5222	55	9356	97	216		10609		12349	2.50E+06	7.97E+05
45	73	OCONEE	SC	18092	890	62	8707	135	241		2244			2.20E+05	1.68E+05
45	75	ORANGEBURG	SC	31617	8275	120	9475	155	5973		85200	34		6.00E+05	1.49E+05
45	77	PICKENS	SC	12146	409	29	6143	102	169		2331	108		3.60E+05	1.72E+05
45	79	RICHLAND	SC	6824	1004	37	2197	110	293		3011			5.70E+05	1.69E+05
45	81	SALUDA	SC	29918	3212	38	14820	92	322		2425			1.80E+06	1.87E+05
45	83	SPARTANBURG	SC	30320	1402	87	14584	220	770		2627	50	57530	2.30E+06	4.24E+05
45	85	SUMTER	SC	12421	2558	66	3501	72	542		14758		531626	6.10E+06	1.16E+04
45	87	UNION	SC	12230	266	26	5869	57			372			1.70E+03	2.19E+03
45	89	WILLIAMSBURG	SC	7597	530	126	3331	192	305		31978		70030	1.20E+02	1.15E+05
45	91	YORK	SC	21949	1318	62	11765	80	478		2867	30	198795	3.60E+05	5.71E+04
46	0		SD	4522397	172546	3626	1970824	2099	737135		2950064	928347	834337	4.10E+06	2.47E+06
46	3	AURORA	SD	70341	1570	71	31149	14	7848		71412	15052	8	3.40E+04	3.33E+04
46	5	BEADLE	SD	138172	4612	53	55434	38	14354		80056	20108	18072	4.10E+04	3.71E+04
46	7	BENNETT	SD	45802	277	47	25571	3	1366		9425	705		3.20E+02	1.53E+03
46	9	BON HOMME	SD	65149	3252	54	21323	49	20387		91456	4880	8	8.70E+04	8.87E+04
46	11	BROOKINGS	SD	92702	6738	61	33195	34	18366		97685	17280		6.10E+04	5.45E+04
46	13	BROWN	SD	134736	3204	55	57039	68	44521		77274	20412	22	2.30E+05	6.93E+04
46	15	BRULE	SD	83315	836	84	37384	12	11060		49317	7205		7.60E+04	5.76E+04
46	17	BUFFALO	SD	30746	169	18	14574		1097		5773	4515	130		1.03E+03
46	19	BUTTE	SD	63428	2496	83	25594	47	1339		9565	134148	115	1.50E+03	5.80E+03
46	21	CAMPBELL	SD	46049	2363	9	20706	20	3019		17106	4616	12	4.90E+03	8.05E+03
46	23	CHARLES MIX	SD	122740	3228	119	49477	50	28693		116728	5100	100	1.50E+05	1.09E+05
46	25	CLARK	SD	72744	2470	48	33885	26	8442		32311	12759		8.90E+04	1.39E+04
46	27	CLAY	SD	39382	729	29	8194	16	30269		41556	3473	100	1.10E+04	1.58E+04
46	29	CODINGTON	SD	47493	5705	54	15574	58	5308		21800	13025	10373	1.00E+05	2.73E+04
46	31	CORSON	SD	74040	1137	60	40029	17	780		14305	12684	10	5.50E+03	6.67E+03
46	33	CUSTER	SD	30123	725	59	18097	40	287		1823	1441	50	2.70E+03	2.61E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
46	35	DAVISON	SD	49009	2318	32	19483	30	9461		63187	9180		2.40E+05	1.04E+05
46	37	DAY	SD	59607	7104	46	23683	108	3397		36688	5918		4.40E+04	4.37E+04
46	39	DEUEL	SD	63632	7889	26	22082	30	5349		29962	7463	50	1.40E+04	2.18E+04
46	41	DEWEY	SD	53413	1391	43	31073	24	267		11404	9806		1.20E+03	4.29E+03
46	43	DOUGLAS	SD	52805	3548	43	21322	31	8747		89700	3538		1.60E+05	9.74E+04
46	45	EDMUNDS	SD	81932	4514	29	38834	24	4610		32799	3430		6.50E+04	7.49E+04
46	47	FALL RIVER	SD	47278	159	83	28214	25			22180	45016		2.10E+03	3.86E+03
46	49	FAULK	SD	72093	774	42	35569	18	2119		28234	22579	10	1.50E+04	1.54E+04
46	51	GRANT	SD	66430	8622	22	18689	38	13848		28941	3671	13	5.20E+03	9.87E+03
46	53	GREGORY	SD	89789	4469	75	42126	62	6898		52731	3650	1	1.60E+04	2.83E+04
46	55	HAAKON	SD	80232	168	62	42388	7	2015		3937	13115	10	6.50E+02	2.45E+03
46	57	HAMLIN	SD	44575	4295	27	15890	60	4809		32349	5917		3.30E+05	3.73E+04
46	59	HAND	SD	129151	1791	80	59601	27	9662		43425	23870	20	4.20E+04	4.33E+04
46	61	HANSON	SD	41543	1721	38	15769	43	9291		56643	5862		5.00E+04	5.37E+04
46	63	HARDING	SD	69326	378	85	38504	16	258		3854	43418			2.71E+03
46	65	HUGHES	SD	32887	321	43	17010	8	531		5525	3596	3	3.20E+03	3.66E+03
46	67	HUTCHINSON	SD	105359	7023	74	41084	63	23895		160924	6653	171686	2.30E+05	1.48E+05
46	69	HYDE	SD	73688	287	78	39617	6	686		7244	9682		3.10E+03	5.97E+03
46	71	JACKSON	SD	28723	426	47	14999		634		1377	174		5.70E+02	2.41E+03
46	73	JERAULD	SD	55219	1319	38	22677	17	8666		29404	12504		1.30E+04	1.50E+04
46	75	JONES	SD	36422	166	39	20158	8	628		6024	3472		1.10E+03	2.42E+03
46	77	KINGSBURY	SD	84150	2527	22	32647	18	16649		46915	67069		1.80E+04	1.57E+04
46	79	LAKE	SD	63881	3784	18	21067	49	16456		86530	5706	27861	3.80E+05	2.12E+05
46	81	LAWRENCE	SD	22791	1351	28	10362	35			906	2770		3.20E+02	1.96E+03
46	83	LINCOLN	SD	67497	4243	51	15616	53	30445		104443	14374	50	1.00E+05	4.24E+04
46	85	LYMAN	SD	79306	765	84	40560	6	3198		24622	3568	150	3.80E+03	5.37E+03
46	87	MC COOK	SD	65550	4849	29	25721	33	8278		96565	6570	13	1.30E+05	8.10E+04
46	89	MC PHERSON	SD	82636	4214	28	38835	6	4307		16203	3641		3.70E+04	3.39E+04
46	91	MARSHALL	SD	59987	1347	41	26303	43	17779		33185	13154		3.30E+03	5.41E+03
46	93	MEADE	SD	125616	3402	222	70219	31	1054		12021	43235	16	1.10E+04	1.52E+04
46	95	MELLETTE	SD	55126	311	55	30549	2	1575		18153	6667	171	1.60E+03	3.90E+03
46	97	MINER	SD	55965	1816	35	25192	30	4161		52067	11546		1.60E+04	2.86E+04
46	99	MINNEHAHA	SD	108188	7979	49	29137	110	43890		139272	14415	6	3.80E+05	1.33E+05
46	101	MOODY	SD	65244	4465	46	21011	17	22520		78647	13451		2.70E+04	2.67E+04
46	103	PENNINGTON	SD	69147	1661	126	39485	51	1187		7984	4952	10	7.50E+03	9.87E+03
46	105	PERKINS	SD	100285	621	136	55419	18	1075		16703	18526		2.70E+03	7.71E+03
46	107	POTTER	SD	55733	1298	27	22674	5	18345		44357	13571		6.50E+03	8.66E+03
46	109	ROBERTS	SD	77176	6340	76	29061	129	12796		52742	9023		5.70E+04	5.41E+04
46	111	SANBORN	SD	64505	1667	71	25897	25	14068		39949	13798		1.00E+04	1.23E+04
46	113	SHANNON	SD	33061	43	15	20304	4	99		3693	900		2.00E+02	5.24E+02
46	115	SPINK	SD	106943	1936	55	47554	48	17527		74193	33408		3.90E+05	2.54E+05
46	117	STANLEY	SD	46726	108	30	25165	2			5182	1136		6.10E+01	1.45E+03
46	119	SULLY	SD	53029	225	45	22420	7			23530	6281	50	3.60E+03	1.10E+04
46	121	TODD	SD	72346	1672	24	33698	8	2847		6454	1142	20	1.90E+03	3.08E+03
46	123	TRIPP	SD	113853	3033	127	54952	47	8301		70000	6884	319	9.10E+04	3.24E+04
46	125	TURNER	SD	78721	7802	59	20189	84	36329		137304	15676	3	1.40E+05	8.31E+04
46	127	UNION	SD	42626	2209	30	11814	35	21751		83795	6033		9.20E+04	5.67E+04
46	129	WALWORTH	SD	41541	2043	26	18200	22	4144		21682	2254		9.70E+03	1.20E+04
46	131	WASHABAUGH	SD	29041	186	29	16911	2	269		2177	1393	92	2.90E+02	1.40E+03
46	135	YANKTON	SD	57578	2894	47	16774	39	23131		100377	5120	700	9.50E+04	5.54E+04
46	137	ZIEBACH	SD	44275	359	38	26791	3			10487	9947	25	4.80E+02	2.46E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
47	0		TN	2751113	233939	9730	1210376	15586	58065		1286124	17883	8930	5.10E+07	4.42E+06
47	1	ANDERSON	TN	12014	875	34	5110	145	192		512	40		4.60E+01	
47	3	BEDFORD	TN	62962	5377	92	27640	153	637		16047	1496		8.80E+05	6.97E+04
47	5	BENTON	TN	13350	76	46	6680	56	359		9765			3.90E+03	5.80E+03
47	7	BLEDSOE	TN	23369	1078	105	10196	64	875		9950	44		1.80E+02	4.63E+03
47	9	BLOUNT	TN	39466	3366	123	16181	239	523		6339	40		5.90E+04	4.81E+04
47	11	BRADLEY	TN	26556	4041	57	9438	162	565		2339			8.60E+06	7.84E+04
47	13	CAMPBELL	TN	8586	848	82	3471	137	145		428	6		4.20E+01	3.67E+03
47	15	CANNON	TN	21611	1759	161	9680	120	166		13836	726	5	6.00E+02	4.50E+03
47	17	CARROLL	TN	29318	1474	117	14426	205	417		40916			7.30E+04	3.34E+04
47	19	CARTER	TN	12995	645	131	5248	277	476		793	60		4.90E+02	3.40E+03
47	21	CHEATHAM	TN	15965	127	32	8207	96	257		10029	16			2.44E+03
47	23	CHESTER	TN	10763	708	45	4941	114	4		10541			1.20E+04	4.81E+03
47	25	CLAIBORNE	TN	31521	2305	484	12642	384	278		2032	60		2.70E+03	1.15E+04
47	27	CLAY	TN	13417	889	147	7360	127	150		12053	60		3.10E+02	4.85E+03
47	29	COCKE	TN	22421	4040	180	8284	218	1452		1510		10	2.00E+06	2.35E+04
47	31	COFFEE	TN	34356	4621	109	13180	184	1084		19805	234	250	2.80E+05	4.42E+03
47	33	CROCKETT	TN	16257	225	24	8097	121	546		11011				1.18E+04
47	35	CUMBERLAND	TN	21893	1757	95	9229	110	281		15122	943		5.50E+05	5.11E+03
47	37	DAVIDSON	TN	23452	1609	36	9568	170			4543	55	20	6.00E+04	
47	39	DECATUR	TN	14254	228	56	7266	103	215		24771	8		5.20E+01	2.84E+03
47	41	DE KALB	TN	24853	2058	112	11565	80	206		8071	426		3.70E+00	
47	43	DICKSON	TN	32785	965	62	16705	184	519		11894	21	5	5.60E+02	4.85E+03
47	45	DYER	TN	29543	929	33	13043	60	1103		23956			4.00E+04	4.89E+04
47	47	FAYETTE	TN	44561	2456	72	20945	106	358		14298	80	40	1.60E+06	6.88E+05
47	49	FENTRESS	TN	15792	1001	105	7050	70	443		8768	163		5.20E+06	3.65E+03
47	51	FRANKLIN	TN	43148	3851	102	17950	186	1704		31320	247		1.00E+06	1.93E+05
47	53	GIBSON	TN	42007	1191	57	20239	303	1330		71418	70		5.50E+04	2.90E+04
47	55	GILES	TN	28004	6819	88	35145	165	370		21838	142		1.10E+03	8.87E+03
47	57	GRAINGER	TN	25399	1711	206	11648	291	207		1400	13		1.50E+03	8.31E+03
47	59	GREENE	TN	80748	17649	434	28419	771	1224		6104	67	22		2.75E+04
47	61	GRUNDY	TN	8910	636	20	3388	26	318		10638			5.10E+06	5.19E+04
47	63	HAMBLEN	TN	24955	2352	152	9483	179			5909	13		1.60E+03	4.37E+03
47	65	HAMILTON	TN	17844	1531	28	8148	129	170		2563	12		3.50E+06	9.96E+04
47	67	HANCOCK	TN	13412	929	291	5824	193	231		1030	2		2.30E+02	8.01E+03
47	69	HARDEMAN	TN	27463	365	58	14082	131	312		15105	32		7.50E+01	3.84E+03
47	71	HARDIN	TN	16665	444	98	8331	148	121		30650			1.90E+03	4.50E+03
47	73	HAWKINS	TN	39357	4007	383	16431	436	307		2860	191		2.10E+04	2.43E+04
47	75	HAYWOOD	TN	21911	533	54	11757	75	213		6272			9.20E+01	3.81E+03
47	77	HENDERSON	TN	27289	498	103	13490	137	782		5677			6.50E+02	5.28E+03
47	79	HENRY	TN	36636	2387	93	16057	154	1118		39206	36		1.80E+02	5.32E+03
47	81	HICKMAN	TN	28043	295	75	12416	78	515		25896	391		1.40E+03	5.97E+03
47	83	HOUSTON	TN	9255	109	14	4385	19	35		2161			4.90E+02	1.73E+03
47	85	HUMPHREYS	TN	22639	365	61	10905	98	342		17495			5.90E+02	3.45E+03
47	87	JACKSON	TN	17628	951	190	8874	114	210		10802	72		1.60E+03	6.75E+03
47	89	JEFFERSON	TN	40843	4730	152	16976	351	611		5638	19		3.40E+05	1.08E+05
47	91	JOHNSON	TN	13509	1929	198	4764	244	342		848	133		1.90E+01	1.51E+04
47	93	KNOX	TN	32538	2386	99	14810	305	493		3878	125		1.40E+05	1.74E+05
47	95	LAKE	TN	473	8		264	6			307				2.70E+02
47	97	LAUDERDALE	TN	23003	588	15	11038	80	252		16456				1.39E+04
47	99	LAWRENCE	TN	45289	4352	197	19042	317	573		17861	55		3.90E+05	9.61E+03
47	101	LEWIS	TN	7123	200	35	3892	33	16		8385	370		6.10E+03	5.97E+03
47	103	LINCOLN	TN	28467	7943	133	35683	240	669		25117	400		4.90E+05	5.58E+04
47	105	LOUDON	TN	32274	4409	75	13208	254	172		2284	24		2.10E+05	1.10E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
47	107	MC MINN	TN	43980	11341	108	13452	209	1084		5595	39		2.60E+06	3.93E+05
47	109	MC NAIRY	TN	14967	249	137	7739	194	114		33010			3.70E+01	
47	111	MACON	TN	30517	2395	135	15205	186	288		10025	754		1.90E+01	6.10E+03
47	113	MADISON	TN	24350	707	31	12053	119	518		9636	148		3.30E+02	3.59E+03
47	115	MARION	TN	11622	759	25	5353	31	201		4463			2.40E+06	5.50E+03
47	117	MARSHALL	TN	46859	7396	31	18600	137	296		7863	458		2.30E+04	2.13E+04
47	119	MAURY	TN	84388	7711	119	38004	201	437		20166	1795	2	4.30E+03	1.33E+04
47	121	MEIGS	TN	14759	1640	36	6089	57	101		539	50		3.80E+05	1.41E+03
47	123	MONROE	TN	31313	6077	142	10[illegible]1	184	355		3933	14		1.40E+06	6.02E+04
47	125	MONTGOMERY	TN	51408	1873	63	24786	91	1201		32550	83		1.40E+05	5.02E+04
47	127	MOORE	TN	19395	1257	42	7965	52	976		3955	73		1.20E+04	1.57E+03
47	129	MORGAN	TN	7272	689	53	3056	73	65		2301	60		1.30E+06	1.87E+03
47	131	OBION	TN	42563	1758	35	15676	122	7872		33406	13		8.80E+04	1.41E+04
47	133	OVERTON	TN	36192	1964	242	16222	190	398		19343	3		3.50E+03	9.65E+03
47	135	PERRY	TN	9767	101	46	4543	26			9670	11		1.50E+01	1.81E+03
47	137	PICKETT	TN	10405	223	90	5311	65	12		4114	29		3.30E+02	2.18E+03
47	139	POLK	TN	8995	1705	31	2785	53	33		1853	2		2.80E+06	1.73E+04
47	141	PUTNAM	TN	31009	1977	152	15111	201	247		17274	113	10	4.90E+00	8.74E+03
47	143	RHEA	TN	13399	923	58	6051	68	144		6034	6		2.20E+04	4.89E+04
47	145	ROANE	TN	15902	1591	56	6727	103	80		1441			2.00E+04	4.68E+04
47	147	ROBERTSON	TN	64550	5038	59	29450	210	383		20792	153	10	5.70E+05	4.76E+05
47	149	RUTHERFORD	TN	70186	8641	125	29415	282	938		19931	1488		6.00E+03	1.38E+04
47	151	SCOTT	TN	6609	702	79	2498	45	136		3283	101		9.90E+05	2.17E+03
47	153	SEQUATCHIE	TN	7181	571	17	2936	25	68		2213		100	1.30E+06	
47	155	SEVIER	TN	30402	1216	228	13804	296	804		7517	11		3.10E+05	1.12E+05
47	157	SHELBY	TN	23712	1177	67	12328	146	652		3904	582		5.60E+04	4.17E+04
47	159	SMITH	TN	40657	2074	94	21994	162	290		27036	667	25	2.60E+04	2.01E+04
47	161	STEWART	TN	7862	119	24	3786	83	75		4111		112	5.10E+02	2.23E+03
47	163	SULLIVAN	TN	31860	3219	176	13067	430	273		1389	505		1.20E+05	2.42E+04
47	165	SUMNER	TN	64731	4619	137	29491	332	529		17129	373		7.80E+05	1.04E+05
47	167	TIPTON	TN	23021	810	33	11281	132	234		14771	144		2.00E+02	3.02E+03
47	169	TROUSDALE	TN	20105	1624	32	9127	65	266		3538	415		1.30E+02	1.83E+03
47	171	UNICOI	TN	2150	125	67	981	89	28		198				1.47E+03
47	173	UNION	TN	11641	931	112	5158	149	67		595			2.70E+07	6.15E+03
47	175	VAN BUREN	TN	9300	442	43	4713	37			4627			1.30E+05	9.83E+02
47	177	WARREN	TN	47795	3783	165	20500	259	941		20397	202		8.50E+05	2.87E+05
47	179	WASHINGTON	TN	54432	9580	218	18860	497	926		3113		20	2.70E+05	1.53E+05
47	181	WAYNE	TN	21217	311	90	10152	100	344		19834	316		5.70E+01	3.07E+03
47	183	WEAKLEY	TN	32659	5077	63	12678	228	798		79926	30		1.70E+03	5.76E+03
47	185	WHITE	TN	41418	4330	127	17668	211	456		27479	26		1.60E+03	6.54E+03
47	187	WILLIAMSON	TN	68701	6768	80	30883	136	321		10029	575		1.70E+04	2.13E+04
47	189	WILSON	TN	63047	3461	91	31508	182	610		22294	1700	4	3.00E+06	9.35E+04
48	0		TX	13377867	297921	10761	5991030	18651	4202569		1406927	2240630	6310241	2.00E+08	1.15E+07
48	1	ANDERSON	TX	75982	1420	61	38022	169	180		7606	27			
48	3	ANDREWS	TX	17068	15	7	8806	13	103		459	50		1.80E+03	3.03E+03
48	5	ANGELINA	TX	25426	122	41	14704	49	124		1189			8.40E+05	
48	7	ARANSAS	TX	3572	1	1	1927	3			45			8.00E+01	2.39E+02
48	9	ARCHER	TX	55507	5403	15	21420	32	2444		13319	1052	5		
48	11	ARMSTRONG	TX	40308	33	16	11656	6	11498		689			1.20E+02	6.58E+02
48	13	ATASCOSA	TX	101571	3711	75	53525	65	4217		6772	179	120	4.90E+03	7.32E+03
48	15	AUSTIN	TX	89957	872	139	51418	140	5492		7299	463	369	9.90E+04	6.84E+04

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
48	17	BAILEY	TX	46513	1112	9	8986	20	41737		6084			3.60E+02	9.24E+02
48	19	BANDERA	TX	19746	192	55	11087	78	273		2024	9830	3	8.20E+04	7.06E+03
48	21	BASTROP	TX	77412	618	139	41132	114	1304		13043	99	14	5.70E+03	1.16E+04
48	23	BAYLOR	TX	36723	75	25	9976	25	2537		2410	11	1	2.00E+03	7.32E+03
48	25	BEE	TX	51061	237	26	29751	63	792		717	114		3.30E+03	6.58E+03
48	27	BELL	TX	74339	658	159	40002	330	1416		8504	3246	135994	1.40E+04	2.03E+04
48	29	BEXAR	TX	69632	4911	127	30730	266			12742	2185	100	4.00E+05	3.39E+05
48	31	BLANCO	TX	26892	784	42	15724	42	151		3883	11467	209337		1.48E+03
48	33	BORDEN	TX	22304	11	5	14070	9	738		1980	4247			1.65E+02
48	35	BOSQUE	TX	67233	847	85	34362	117	26996		8429	4381	350903	8.60E+04	1.44E+04
48	37	BOWIE	TX	93331	3834	67	40326	156	1187		2019	40		2.90E+06	5.67E+04
48	39	BRAZORIA	TX	74048	1067	47	45124	163	1204		10252	42		4.80E+04	2.52E+04
48	41	BRAZOS	TX	56900	2406	43	32237	79	158		5720	103		4.90E+05	3.48E+05
48	43	BREWSTER	TX	38652	20	5	24305				12	8367			2.82E+02
48	45	BRISCOE	TX	22972	17	3	10122	25	1200		2545	231		9.20E+00	6.19E+02
48	47	BROOKS	TX	36076	752	9	23756	11					121988		
48	49	BROWN	TX	61847	1872	107	30541	105	636		16219	14509	266566	1.50E+01	1.77E+04
48	51	BURLESON	TX	65137	602	84	35269	123	383		14426	69	114006	8.60E+03	7.49E+03
48	53	BURNET	TX	46786	152	78	23502	67	630		9223	18945	4	5.00E+02	2.80E+03
48	55	CALDWELL	TX	50974	67	50	23122	38			10722	235		1.90E+06	3.80E+05
48	57	CALHOUN	TX	20764	21	18	13799	10	200		79	1		6.10E+01	5.71E+02
48	59	CALLAHAN	TX	44870	367	54	21089	125	1048		4763	681		1.10E+03	3.95E+03
48	61	CAMERON	TX	77200	1197	76	10518	159	20349		1619	47		1.10E+01	
48	63	CAMP	TX	21072	1059	19	9927	57	486		763			4.90E+06	2.48E+05
48	65	CARSON	TX	70299	12	12	14382	9	29588		2164	360		2.30E+02	8.01E+02
48	67	CASS	TX	43075	227	53	24122	135	985		1870	40		1.40E+06	9.26E+03
48	69	CASTRO	TX	196107	1413	16	10560	15	330066		16492	27343		3.40E+02	1.24E+03
48	71	CHAMBERS	TX	31508	28	18	20363	15			118			2.30E+03	2.35E+03
48	73	CHEROKEE	TX	75619	3297	81	35658	131	657		656			5.20E+05	3.41E+03
48	75	CHILDRESS	TX	23691	20	11	10004	33	683		2547	58			6.45E+02
48	77	CLAY	TX	79834	2196	44	36515	26	6090		2590	35	50	4.30E+02	1.52E+03
48	79	COCHRAN	TX	30413	6	3	5223	20			1337	70		4.50E+02	3.73E+02
48	81	COKE	TX	23251	41	18	11140	9	195		479	43126		8.40E+01	9.31E+02
48	83	COLEMAN	TX	62702	828	67	31431	62	307		8257	49837		6.00E+02	2.39E+03
48	85	COLLIN	TX	60161	2403	55	29494	245	16634		2405	780		2.30E+05	
48	87	COLLINGSWORT	TX	42407	24	17	16541	27	7247		5323	27		3.50E+02	1.50E+03
48	89	COLORADO	TX	91973	723	149	53158	173	1209		15153	186	1500	1.10E+05	1.18E+05
48	91	COMAL	TX	20036	218	60	11230	76	136		4244	4591		1.20E+03	4.76E+03
48	93	COMANCHE	TX	82436	6600	109	37312	113			13969	13360		1.20E+05	6.62E+04
48	95	CONCHO	TX	26554	43	35	13951	40	517		3189	134420		1.40E+05	
48	97	COOKE	TX	74132	5858	41	37303	101	1658		3036	1234		9.30E+04	1.55E+04
48	99	CORYELL	TX	60202	717	96	29857	102	2071		21711	18357	59939	1.30E+05	4.37E+04
48	101	COTTLE	TX	26889	19	10	14215	11	12		1143	117			5.93E+02
48	103	CRANE	TX	5748			3183				40	1458			1.50E+01
48	105	CROCKETT	TX	31284	34	23	20149	4			4961	127164			9.00E+01
48	107	CROSBY	TX	18316	19	3	7361	28	1041		7464	287		1.10E+05	
48	109	CULBERSON	TX	27019	14	8	14305	4			179				4.50E+01
48	111	DALLAM	TX	91912	32	20	14710	7	69090		1616	17		4.80E+02	1.39E+03
48	113	DALLAS	TX	28627	2427	17	12056	122			2181	311		8.10E+02	3.47E+03
48	115	DAWSON	TX	5971	11	4	3432	24	32		19451	709		4.10E+05	1.97E+05
48	117	DEAF SMITH	TX	227325	322	34	13055	26	453183		16406	36		3.60E+02	2.20E+03
48	119	DELTA	TX	28864	227	8	13822	71	109		269	119		8.10E+02	6.23E+02
48	121	DENTON	TX	78576	2689	50	40045	186	2911		4439	1408	50150		5.58E+05
48	123	DE WITT	TX	91951	3034	151	52129	138	6552		10848	610	158132	3.30E+05	6.62E+04
48	125	DICKENS	TX	35846	56	32	17692	52	1136		2311	279	2	8.70E+04	2.13E+05
48	127	DIMMIT	TX	55248	23	9	31819	5			1411			4.60E+02	1.53E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
48	129	BONLEY	TX	46073	69	26	16105	14			188	62		3.40E+02	1.44E+03
48	131	BUVAL	TX	84194	1507	24	45590	59	252		553	52	120030	2.30E+02	2.03E+03
48	133	EASTLAND	TX	61087	736	101	33221	109	1578		8098	3067	305722	2.10E+04	9.57E+03
48	135	ECTOR	TX	11841	9	6	5271	24	80		250	109			
48	137	EDWARDS	TX	30429	57	28	18218	4	1			55383		1.20E+01	3.58E+02
48	139	ELLIS	TX	70225	1596	53	35682	227	1837		2197	251		6.20E+04	4.94E+04
48	141	EL PASO	TX	37934	5394	16	3485	33	52339		2875	320		1.00E+02	3.33E+02
48	143	ERATH	TX	92366	15158	119	37672	101	2551		12742	1819	1506	7.70E+04	8.53E+04
48	145	FALLS	TX	96107	487	101	43585	177	2545		2624	356		6.80E+03	1.44E+04
48	147	FANNIN	TX	81933	1421	54	42660	158	1027		3235	102		8.00E+02	3.41E+03
48	149	FAYETTE	TX	109957	4194	339	58004	341	2314		34534	849	602	1.10E+06	5.24E+05
48	151	FISHER	TX	41613	724	26	18351	83	816		22798	729		1.40E+02	8.66E+02
48	153	FLOYD	TX	42076	54	16	14512	52			12894	1963		1.00E+03	1.36E+03
48	155	FOARD	TX	16053	31	6	6947	20				70			1.21E+02
48	157	FORT BEND	TX	66281	526	70	41293	264	814		3996	115	20	1.00E+04	2.35E+04
48	159	FRANKLIN	TX	37930	4850	9	18816	52	153		141			2.10E+06	7.75E+02
48	161	FREESTONE	TX	85333	134	58	49305	76	182		5781	9		2.50E+03	7.27E+03
48	163	FRIO	TX	75036	771	20	35328	9	21339		7433		200	4.00E+04	5.32E+04
48	165	GAINES	TX	13148	91	19	6894	41	451		1813	5153		2.30E+05	1.51E+05
48	167	GALVESTON	TX	16369	222	4	9499	41	182		532	74		8.30E+02	2.27E+03
48	169	GARZA	TX	25567	33	16	14093	27	842		954	50			
48	171	GILLESPIE	TX	44373	719	171	24618	173	1159		36231	61907	753012	1.20E+04	3.37E+04
48	173	GLASSCOCK	TX	15403	21	9	7965	9				4718			3.33E+02
48	175	GOLIAD	TX	48870	68	45	31662	33			4358	402	65	1.80E+03	6.84E+03
48	177	GONZALES	TX	144350	1394	119	76345	118	15763		28792	216	537228	3.00E+07	2.26E+06
48	179	GRAY	TX	59956	40	15	14121	20	71969		15006			6.10E+01	3.33E+02
48	181	GRAYSON	TX	83161	1429	61	44305	207	1406		9452	342		2.10E+02	4.02E+03
48	183	GREGG	TX	16970		7	9482	81	97		802			1.50E+01	6.54E+02
48	185	GRIMES	TX	81089	8431	66	40954	62	611		3526	17	10	1.30E+02	3.36E+04
48	187	GUADALUPE	TX	61096	1726	117	30895	364	1456		11418	970		1.10E+05	1.35E+05
48	189	HALE	TX	93215	660	15	14356	59	152541		34698	2490	50	2.00E+02	1.33E+03
48	191	HALL	TX	29408	44	8	14478	16	1064		1011	48		1.20E+02	5.67E+02
48	193	HAMILTON	TX	54072	2410	100	25788	84	2129		11282	13847	37048	2.90E+05	1.16E+05
48	195	HANSFORD	TX	98291	17	10	5916	9	159711		799	6			5.71E+02
48	197	HARDEMAN	TX	20542	30	4	9035	6	464		2978	268		7.10E+02	1.31E+03
48	199	HARDIN	TX	7902	15	15	4504	45	3		387				2.14E+03
48	201	HARRIS	TX	77691	3453	69	40311	245	2845		2651	267		2.90E+04	1.55E+04
48	203	HARRISON	TX	57736	1609	64	29651	160	347		1865			1.90E+05	3.68E+03
48	205	HARTLEY	TX	108614	67	5	12207	2	131973		2293			4.70E+02	7.62E+02
48	207	HASKELL	TX	29161	204	16	12445	71	312		10292	102		9.90E+00	1.29E+04
48	209	HAYS	TX	35359	977	56	18494	103	1625		908	1900		4.80E+02	3.01E+03
48	211	HEMPHILL	TX	49992	44	27	11752	10	27331		837	41	2	1.80E+02	1.04E+03
48	213	HENDERSON	TX	81300	716	35	42345	93	647		6007			1.30E+02	2.72E+03
48	215	HIDALGO	TX	62133	2517	95	30188	192	4030		3195	22	70	2.90E+04	3.35E+04
48	217	HILL	TX	64864	3197	92	33618	252			5440	392		1.50E+03	4.10E+03
48	219	HOCKLEY	TX	13646	49	27	5329	57	21738		22770	2218		2.10E+03	2.46E+03
48	221	HOOD	TX	33923	1184	26	14972	84	8586		1131	166		5.50E+01	1.42E+03
48	223	HOPKINS	TX	124432	36713	23	41759	104	1246		5909	106		2.20E+05	2.89E+03
48	225	HOUSTON	TX	96464	1159	56	54726	119	330		8708				9.65E+03
48	227	HOWARD	TX	14056	65	20	8104	44	322		1394	1663			6.32E+03
48	229	HUDSPETH	TX	29396	16	7	13458					350		5.50E+01	3.11E+02
48	231	HUNT	TX	72221	1214	57	36646	245	373		2055	294		1.00E+04	7.88E+03
48	233	HUTCHINSON	TX	33701	32	11	10156	13			1545	2			
48	235	IRION	TX	21648	35	10	13801	8	45			42947			1.21E+02
48	237	JACK	TX	46841	287	59	24350	38	1180		2905	470		3.70E+02	1.85E+03
48	239	JACKSON	TX	51802	155	55	33818	72	296		221	132	18	2.00E+03	5.80E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
48	241	JASPER	TX	19112	792	78	10425	106	155		365	46		1.40E+05	1.13E+05
48	243	JEFF DAVIS	TX	37576	31	6	22833				11			2.40E+02	2.24E+02
48	245	JEFFERSON	TX	33690	24	16	23394	20	169		62				5.58E+02
48	247	JIM HOGG	TX	55364	29	1	33123	5	10						1.31E+02
48	249	JIM WELLS	TX	59194	6179	43	31286	58	460		2701	76		1.70E+05	1.70E+04
48	251	JOHNSON	TX	56759	7572	88	23127	196	2240		3847	836		2.80E+04	5.95E+04
48	253	JONES	TX	42697	106	36	15537	123			5750	43		1.00E+02	2.45E+03
48	255	KARNES	TX	70466	1527	88	39078	63	581		8161	343	65	2.10E+03	6.49E+03
48	257	KAUFMAN	TX	102275	330	32	52800	140	7205		3534	154		2.80E+04	7.75E+04
48	259	KENDALL	TX	26741	2308	57	13236	88	380		3165	11779		1.90E+04	2.66E+04
48	261	KENEDY	TX	15038			26746		45						
48	263	KENT	TX	18519	29	18	9408	13	2		537		20	1.20E+01	3.52E+02
48	265	KERR	TX	27935	317	55	15297	68	87		3535	39111		1.30E+03	3.52E+03
48	267	KIMBLE	TX	24816	110	46	14026	29	174		1952	48718			4.72E+02
48	269	KING	TX	20575	12	6	13453	3							1.66E+02
48	271	KINNEY	TX	28026	25	5	15900	4	6		135	61748			7.62E+01
48	273	KLEBERG	TX	92519	72	7	55355	11	169		276	40		3.30E+06	1.79E+03
48	275	KNOX	TX	24408	49	9	10450	49	278		2688	126		2.20E+02	2.80E+03
48	277	LAMAR	TX	93690	2078	35	31647	90	1870		1696	55	2	7.60E+05	4.59E+04
48	279	LAMB	TX	41149	315	24	7792	76	39879		11099	4637	100		4.06E+03
48	281	LAMPASAS	TX	45816	664	57	21904	54	2746		7009	29769		4.50E+03	6.10E+03
48	283	LA SALLE	TX	70771	103	15	39363	16	2625		64			1.50E+00	2.35E+02
48	285	LAVACA	TX	70283	1789	336	31348	232	4056		10528	174	90	2.00E+05	2.30E+05
48	287	LEE	TX	74499	444	192	39221	129	1896		23310	248		7.60E+04	1.02E+05
48	289	LEON	TX	83169	209	36	48013	68	485		9277	18		2.80E+05	3.14E+04
48	291	LIBERTY	TX	39680	234	38	25096	76	289		417	9			6.23E+04
48	293	LIMESTONE	TX	82228	732	73	44961	74	776		1837	72		1.90E+02	2.45E+03
48	295	LIPSCOMB	TX	111167	90	22	14779	9			2121	270		1.10E+02	1.23E+03
48	297	LIVE OAK	TX	64037	260	41	35237	55	1532		6297	5	14	1.00E+02	2.15E+03
48	299	LLANO	TX	46142	77	42	20505	22	120		51229	3268		3.70E+02	2.49E+03
48	301	LOVING	TX	7118	3	3	5047	2							
48	303	LUBBOCK	TX	63086	159	24	8799	83	127993		41340	892	1367	1.10E+05	9.70E+04
48	305	LYNN	TX	13733	46	12	5046	99	383		5720	154		1.10E+05	
48	307	MC CULLOCH	TX	47152	622	63	26904	49	251		15143	78248			1.58E+03
48	309	MC LENNAN	TX	92168	5397	124	39793	412	5907		23528	984	474397	1.00E+06	
48	311	MC MULLEN	TX	46803	19	9	27022					30			3.21E+02
48	313	MADISON	TX	57776	1147	20	34037	55	102		2704			1.00E+02	1.62E+03
48	315	MARION	TX	14623	65	3	7455	40	498		257				4.59E+02
48	317	MARTIN	TX	11440	28	13	6264	46	480		4685	25		3.90E+02	7.06E+02
48	319	MASON	TX	56266	144	63	26152	31			25363	18232			9.83E+02
48	321	MATAGORDA	TX	81967	77	38	54143	45	1158		377	100		1.80E+03	4.59E+03
48	323	MAVERICK	TX	104294	21	5	25496	40	111058		1034	331		3.40E+03	2.34E+03
48	325	MEDINA	TX	84498	451	102	43632	164			7152	1810	100	5.40E+01	2.24E+04
48	327	MENARD	TX	24422	53	29	13167	11	146		1834	124123	25	1.20E+01	5.06E+02
48	329	MIDLAND	TX	35157	474	14	10946	27			2933	2196		4.90E+02	1.50E+03
48	331	MILAM	TX	90286	1268		49089	199	1684		21260	1041	59036	6.30E+05	9.39E+04
48	333	MILLS	TX	48483	278	89	24895	87	5191		11794	155893		7.80E+04	1.20E+04
48	335	MITCHELL	TX	29603	98	20	14014	53	918		848	8856			
48	337	MONTAGUE	TX	73418	1601	76	38486	66	2316		3408	193		3.90E+02	2.62E+03
48	339	MONTGOMERY	TX	29597	927	39	16011	98	102		1306	6		2.60E+04	3.08E+03
48	341	MOORE	TX	78296	9	3	6392	1	175718			23		3.10E+01	2.38E+02
48	343	MORRIS	TX	27173	23	16	14976	23	409		130			1.30E+06	
48	345	MOTLEY	TX	31608	19	8	19216	22	479		1061				6.54E+02
48	347	NACOGDOCHES	TX	72680	7071	66	33337	81	445		4366	1		2.90E+07	3.68E+05
48	349	NAVARRO	TX	106534	922	40	52528	138	3034		1162	10		9.20E+00	1.86E+03
48	351	NEWTON	TX	11336	260	35	5764	43	2		281			2.40E+05	8.61E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
48	353	NOLAN	TX	39447		14	14127	52			5847	10814		1.60E+03	4.55E+03
48	355	NUECES	TX	26840	2384	9	13297	58	554			143			
48	357	OCHILTREE	TX	95652	10	4	10016	16	108318		12498	481		1.20E+03	5.11E+02
48	359	OLDHAM	TX	63916	50	2	15438		67163		1377	778		9.30E+01	4.55E+02
48	361	ORANGE	TX	7863	127	35	4744	46	20		196	46		1.80E+04	1.89E+04
48	363	PALO PINTO	TX	44725	161	35	24059	80	627		4273	2413		3.30E+02	2.31E+03
48	365	PANOLA	TX	47998	1202	58	25986	105	235		5010	21		1.80E+07	7.71E+04
48	367	PARKER	TX	77035	5701	121	33084	291	1830		5270	698		1.20E+05	
48	369	PARMER	TX	157398	144		12076	22	405488		3772	2634		3.70E+02	5.50E+02
48	371	PECOS	TX	67163	36	18	27728	9			3600	66917			6.36E+02
48	373	POLK	TX	22627	425	29	11532	47	4		549	30			3.45E+03
48	375	POTTER	TX	29739	12	8	10007	15			3837	39		9.20E+00	3.29E+02
48	377	PRESIDIO	TX	44868	33	17	27186	6	12		70	12451		3.10E+00	1.55E+02
48	379	RAINS	TX	27247	1985	24	13439	57	472		7246			7.20E+01	1.11E+03
48	381	RANDALL	TX	96477	1846	27	14753	33	192198		22211	403		1.30E+04	2.32E+03
48	383	REAGAN	TX	12078	15	12	7293		10			28917		8.60E+01	1.02E+02
48	385	REAL	TX	9990	35	16	5141	10	3			12831	42	6.80E+01	1.07E+03
48	387	RED RIVER	TX	108987	709	39	62415	71	748		3966	92		2.90E+06	2.88E+03
48	389	REEVES	TX	68411		4	14627		116350			31			3.10E+01
48	391	REFUGIO	TX	41478	25	10	26529	23	14		308		10	3.40E+02	8.48E+02
48	393	ROBERTS	TX	41861	10	3	6891		11791		160			1.80E+02	2.60E+02
48	395	ROBERTSON	TX	85978	474	66	48843	69	2876		8909	29	156626	1.90E+05	6.23E+04
48	397	ROCKWALL	TX	9192	12	8	4465	29	432		646	6		1.80E+01	9.48E+01
48	399	RUNNELS	TX	57297	1553	57	24767	113			7321	79784		5.90E+04	1.47E+04
48	401	RUSK	TX	70020	1798	41	38203	126	2169		2259	2		2.70E+06	3.91E+03
48	403	SABINE	TX	10757	33	17	5459	16			241	106		1.30E+07	
48	405	SAN AUGUSTIN	TX	15182	62	42	8327	20	79		4085			9.70E+06	5.71E+02
48	407	SAN JACINTO	TX	13805	178	29	8177	17	282		206	10			6.32E+02
48	409	SAN PATRICIO	TX	36161	34	14	13770	41	177		424	121			
48	411	SAN SABA	TX	71024	105	41	36937	28	945		15385	84326	448795	2.50E+04	6.62E+03
48	413	SCHLEICHER	TX	30080	154	25	14996	28	165		3658	74680			4.68E+02
48	415	SCURRY	TX	29192	256	35	13423	75	1024		14110	1425			
48	417	SHACKELFORD	TX	35217	299	13	18891	25	2221		1069	139		3.40E+02	5.32E+02
48	419	SHELBY	TX	54787	1002	63	32054	133	367		853			4.20E+07	9.57E+05
48	421	SHERMAN	TX	99378	10	2	8105	1	149039			65		7.70E+01	7.66E+02
48	423	SMITH	TX	77827	1233	73	44424	153	1297		3063		24	2.70E+02	
48	425	SOMERVELL	TX	9845	106	26	5284	25	110		1771	137		2.00E+04	8.01E+02
48	427	STARR	TX	58337		26	34110	74	81			241		4.40E+01	1.50E+03
48	429	STEPHENS	TX	40465	29	26	21388	44	523		1074	1132	22	1.30E+02	8.41E+02
48	431	STERLING	TX	17608	26	13	10490		30			52993			5.89E+01
48	433	STONEWALL	TX	30458	24	6	15731	38			4880	10		1.80E+02	9.48E+02
48	435	SUTTON	TX	35020	35	7	21583	4			92	54896			
48	437	SWISHER	TX	141605	208	17	17627	25	188270		15932	1181		6.80E+02	1.11E+03
48	439	TARRANT	TX	59113	3948	46	28774	128	1754		5049	2095	41114	1.80E+05	
48	441	TAYLOR	TX	90657	328	70	20302	126	97426		1345	7654	10	4.90E+04	2.71E+03
48	443	TERRELL	TX	12079	7	3	6830	6				70659			2.50E+01
48	445	TERRY	TX	6692	144	10	3199	26	378		10923	26			6.15E+02
48	447	THROCKMORTON	TX	42032	34	17	18880	54	1869		748	836		2.80E+01	7.88E+02
48	449	TITUS	TX	51099	1835	28	27358	50	538		586			2.90E+06	7.84E+04
48	451	TOM GREEN	TX	54301	1457	40	23757	86	22910		8525	122849		4.80E+05	8.87E+04
48	453	TRAVIS	TX	45911	2154	63	22855	152	480		3904	1428		1.60E+03	4.68E+03
48	455	TRINITY	TX	29343	115	40	16868	60	73		396				
48	457	TYLER	TX	13529	77	60	7592	49	66		494	60		1.30E+05	1.31E+03
48	459	UPSHUR	TX	51739	5022	59	23754	106	961		1825	83	16	5.40E+06	7.66E+04
48	461	UPTON	TX	11866	31	3	7374	1			132	34024			6.88E+01
48	463	UVALDE	TX	49641	40	30	23356	45	10555		13974	33677	30	6.80E+02	3.25E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
48	465	VAL VERDE	TX	29631	19	15	17490	27	485		423	130931		9.30E+01	
48	467	VAN ZANDT	TX	104847	2100	74	56164	264	2317		8486	101		1.00E+05	4.24E+03
48	469	VICTORIA	TX	60476	324	80	40917	93	128		4434	424		1.80E+03	7.40E+03
48	471	WALKER	TX	47711	1001	31	26286	18				35		8.10E+03	1.15E+04
48	473	WALLER	TX	49001	1032	41	27119	28	2014		9216	180	26	8.40E+02	4.94E+03
48	475	WARD	TX	9325	2	2	5342	4	59		446	11			2.16E+04
48	477	WASHINGTON	TX	80839	3292	143	42958	250	1288		7251	416	296	5.50E+04	9.70E+04
48	479	WEBB	TX	122612	33	15	76598	28	242		5322	182		1.40E+04	1.48E+04
48	481	WHARTON	TX	74329	501	85	47366	206	619		319	38	24	3.70E+00	
48	483	WHEELER	TX	70562	336	31	20038	40	42321		4921	12		2.40E+03	6.06E+03
48	485	WICHITA	TX	31850	502	25	14358	71	1278		4419	244	5	2.20E+03	4.94E+03
48	487	WILBARGER	TX	59045	120	26	22814	81			2447	611		1.70E+04	2.11E+04
48	489	WILLACY	TX	7145	21	18	4058	67	91		716	261		9.60E+02	2.97E+03
48	491	WILLIAMSON	TX	83013	1366	187	35605	427	2638		9472	11634	92018	3.40E+05	2.36E+05
48	493	WILSON	TX	81989	3977	132	41915	131	964		17336	592		1.40E+04	2.36E+04
48	495	WINKLER	TX	8468	6	3	4155								4.50E+01
48	497	WISE	TX	76487	10884	67	30713	179	2134		3612	324		1.40E+05	6.54E+04
48	499	WOOD	TX	58003	6493	67	27313	138	738		1391	17		2.30E+04	2.03E+03
48	501	YOAKUM	TX	9811		13	4641	13	415		1499				3.76E+02
48	503	YOUNG	TX	49675	301	56	22582	82	5701		4436	259			2.25E+03
48	505	ZAPATA	TX	42383	37	4	26665	4			135	34			9.70E+01
48	507	ZAVALA	TX	67467	351	10	28930	16	24405		2212	1403			
49	0		UT	839849	77659	1685	335417	1642	98141		56142	721597	4036144	2.10E+06	1.77E+06
49	1	BEAVER	UT	24796	2667	19	9622	14	350		1293	1646			3.30E+02
49	3	BOX ELDER	UT	88260	8655	95	34848	96	9849		4346	46718	57379	8.10E+03	8.05E+03
49	5	CACHE	UT	58501	14999	76	8869	155	12101		6366	14771	40	3.40E+05	3.44E+04
49	7	CARBON	UT	14997	53	26	6790	15	213		683	10396		6.20E+01	3.62E+03
49	9	DAGGETT	UT	4142	11	8	2634				7	6137			1.62E+02
49	11	DAVIS	UT	24429	2839	82	7520	69	7160		990	6474	438253	1.10E+03	2.71E+03
49	13	DUCHESNE	UT	48644	3501	100	22054	66	564		1591	24309		1.90E+03	3.27E+03
49	15	EMERY	UT	27493	1128	93	13373	71	1455		844	8736			9.96E+02
49	17	GARFIELD	UT	16079	189	38	9319	25	30		215	6725		1.20E+03	1.40E+03
49	19	GRAND	UT	8201	106	2	4378	13	87		279	35			2.94E+03
49	21	IRON	UT	22887	496	52	9486	42	1664		188	43126			1.25E+03
49	23	JUAB	UT	15569	200	34	6968	36	1881		171	6225		5.50E+01	4.55E+02
49	25	KANE	UT	11031	54	38	4683	10	13		64	2624		2.70E+02	5.28E+02
49	27	MILLARD	UT	66619	4479	93	25251	108	16367		3223	8725			1.94E+04
49	29	MORGAN	UT	9249	1158	35	3451	22	54		71	28137			2.42E+02
49	31	PIUTE	UT	10813	1253	11	4825	2	427		118	4905			3.59E+02
49	33	RICH	UT	40922	162	34	24689	4	1022		352	25069			2.23E+02
49	35	SALT LAKE	UT	16817	3922	59	4362	91	1030		7879	31277		6.50E+03	7.19E+05
49	37	SAN JUAN	UT	24682	98	20	14222	16	1554		780	4194		1.40E+03	1.13E+03
49	39	SANPETE	UT	43242	5685	85	17579	90	2612		3106	105334	1912650		4.50E+04
49	41	SEVIER	UT	36625	1424	43	10966	44	11578		1459	20373	375602	1.70E+01	4.27E+02
49	43	SUMMIT	UT	19851	3213	30	8342	26	438		728	36357			2.25E+04
49	45	TOOELE	UT	13826	249	68	8693	48	104		5195	25433		1.50E+01	7.49E+03
49	47	UINTAH	UT	49042	1072	114	24220	68	383		4170	30494		2.00E+03	3.09E+03
49	49	UTAH	UT	60583	7291	202	19138	227	13632		8887	58621	395180	8.20E+05	7.92E+05
49	51	WASATCH	UT	11536	2523	40	3643	38	309		335	33340			
49	53	WASHINGTON	UT	19861	1421	66	9407	60	518		207	1822		1.90E+01	
49	55	WAYNE	UT	14929	491	44	7162	9	758		456	10151			3.68E+02

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-9	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-9	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
49	57	WEBER	UT	34321	6120	78	6923	177	11988		2139	119443		3.00E+04	2.77E+04
50	0		VT	331990	189206	456	11825	1294	2536		5491	2534	7500	6.40E+05	8.01E+05
50	1	ADDISON	VT	41368	33415	19	1489	64	318		764	195		1.20E+02	3.00E+04
50	3	BENNINGTON	VT	6929	3165	25	635	64	94		89	357	5	1.30E+03	2.59E+03
50	5	CALEDONIA	VT	20867	11359	38	778	68	245		310	194	1349	2.90E+05	
50	7	CHITTENDEN	VT	28598	15118	11	1451	93	579		352	120		6.70E+04	5.41E+04
50	9	ESSEX	VT	4114	2501	4	102	12	20			15		7.70E+02	1.04E+03
50	11	FRANKLIN	VT	56580	37366	14	1190	144	549		595	45		3.80E+04	3.89E+04
50	13	GRAND ISLE	VT	7651	4146	14	397	48	4		22	50		6.10E+01	4.16E+02
50	15	LAMOILLE	VT	11726	7517	6	180	54	38		261	94		7.90E+04	5.58E+04
50	17	ORANGE	VT	24754	13317	44	800	155	232		703	380	599	4.10E+04	2.94E+04
50	19	ORLEANS	VT	39532	25439	43	546	75	105		611	1		1.80E+04	2.06E+04
50	21	RUTLAND	VT	29055	15228	42	1240	159	101		537	380		1.00E+04	1.34E+04
50	23	WASHINGTON	VT	15214	7925	35	738	96	127		158	273	750	3.70E+04	2.84E+04
50	25	WINDHAM	VT	10255	5367	59	809	96	19		197	250		1.10E+04	1.54E+04
50	27	WINDSOR	VT	15347	7147	80	1470	164	105		892	180		3.60E+04	3.10E+03
51	0		VA	1703583	175673	7455	459896	7938	74773		902641	147982	5316265	9.20E+07	4.10E+06
51	1	ACCOMACK	VA	1204	167	2	512	21	56		11427	152		1.00E+07	
51	3	ALBEMARLE	VA	42620	1281	86	19394	83	840		8307	679		4.70E+05	5.50E+04
51	5	ALLEGHANY	VA	4610	153	28	1906	49	27		133	460			9.52E+02
51	7	AMELIA	VA	11736	3085	97	3190	73	924		12037	578		2.00E+06	1.49E+04
51	9	AMHERST	VA	18252	361	83	9427	72	114		456	158		1.70E+03	4.14E+03
51	11	APPOMATTOX	VA	13471	1284	38	7244	78	395		1426	80		6.70E+02	3.24E+03
51	13	ARLINGTON	VA												
51	15	AUGUSTA	VA	95580	8922	214	33954	207	8544		23538	21454	408433	4.30E+06	2.30E+05
51	17	BATH	VA	8778	61	42	4601	6	414		930	264		8.00E+01	8.44E+02
51	19	BEDFORD	VA	51019	6356	149	20563	243	783		1868	101		3.40E+04	3.88E+04
51	21	BLAND	VA	17329	1738	68	7502	28	225		2093	4017		3.10E+03	5.11E+03
51	23	BOTETOURT	VA	25164	2347	59	9740	128	861		2067	484		3.30E+05	4.10E+04
51	25	BRUNSWICK	VA	9978	2176	64	3584	100	93		12409	238	1	4.20E+03	5.89E+03
51	27	BUCHANAN	VA	762	110	57	331	28			62	104		1.80E+02	1.15E+03
51	29	BUCKINGHAM	VA	13717	491	43	6865	53	59		10152	155		2.60E+06	5.93E+04
51	31	CAMPBELL	VA	24210	2568	114	10126	127	622		2675	421	250	3.90E+05	3.06E+04
51	33	CAROLINE	VA	6412	479	39	2401	67	702		5079	84		1.10E+05	6.10E+04
51	35	CARROLL	VA	31922	4018	206	12510	231	768		1098	358		4.70E+03	6.71E+03
51	36	CHARLES CITY	VA	2057	126	10	1099	23	126		1692	12			
51	37	CHARLOTTE	VA	18785	2332	70	8631	94	221		8561	85		1.20E+03	2.86E+03
51	41	CHESTERFIELD	VA	2552	185	23	1190	29	22		1328	77	700	7.60E+05	6.02E+04
51	43	CLARKE	VA	20762	2647	19	7744	18	673		4071	2070		3.40E+01	6.15E+02
51	45	CRAIG	VA	7401	290	48	3438	30	97		831	3321		2.90E+03	1.35E+03
51	47	CULPEPER	VA	39167	4398	56	13930	75	1646		2647	494		8.40E+04	7.14E+04
51	49	CUMBERLAND	VA	12159	1630	54	4778	34	90		9955			3.20E+06	1.13E+04
51	51	DICKENSON	VA	1401	85	41	700	71			76	114		3.70E+01	1.21E+03
51	53	DINWIDDIE	VA	7880	867	41	3099	78	217		19115			3.90E+03	6.06E+03
51	57	ESSEX	VA	3123	25	16	1262	19	540		4199			1.80E+03	3.25E+03
51	59	FAIRFAX	VA	3824	685	20	1051	15	136		393	22		1.50E+03	2.60E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
51	61	FAUQUIER	VA	61815	5735	58	24047	97	4245		4017	1629	200	2.50E+03	8.40E+03
51	63	FLOYD	VA	29856	3897	168	11067	219	438		1232	451		8.40E+02	4.04E+03
51	65	FLUVANNA	VA	11363	223	35	5999	53	60		2094	101		6.50E+05	
51	67	FRANKLIN	VA	42248	9526	136	13220	177	718		1323	192		1.90E+05	4.94E+04
51	69	FREDERICK	VA	22592	993	77	10203	70	1170		4149	1381		1.30E+05	1.07E+05
51	71	GILES	VA	12008	231	80	5913	57	179		498	1588			1.92E+03
51	73	GLOUCESTER	VA	1103	57	13	503	35	10		3707	317		4.60E+03	6.10E+03
51	75	GOOCHLAND	VA	9602	517	44	4121	37	488		4646	82		7.90E+05	3.38E+03
51	77	GRAYSON	VA	34970	2801	247	14472	233	328		293	1153		1.30E+02	3.34E+03
51	79	GREENE	VA	9010	676	54	3938	33	379		3930	409	115813	8.20E+05	
51	81	GREENSVILLE	VA	2808	42	26	1518	28	74		25719	30		9.20E+03	4.02E+03
51	83	HALIFAX	VA	22428	2137	264	10151	244	546		5874	147		1.90E+04	3.05E+04
51	85	HANOVER	VA	20407	2330	47	7576	81	615		16193	336	85	7.90E+05	2.74E+04
51	87	HENRICO	VA	4235	747	9	1455	35	412		2551	20		7.30E+05	3.41E+03
51	89	HENRY	VA	7812	475	41	3506	105	354		1870	28		4.80E+03	6.19E+03
51	91	HIGHLAND	VA	11482	274	128	5749	41	128		498	17740	212349	3.10E+02	1.99E+03
51	93	ISLE OF WIGH	VA	7930	134	18	3123	13	2003		43344	199			1.13E+04
51	95	JAMES CITY	VA	1499	87	12	395	20	151		2060	205		7.00E+01	5.50E+02
51	97	KING AND QUE	VA	1688	460	32	496	24	36		7892		25	5.10E+03	9.96E+03
51	99	KING GEORGE	VA	4867		8		23	359		2931	96		2.80E+03	3.78E+03
51	101	KING WILLIAM	VA	6317	1373	18	1439	13	449		4234	60	200	4.60E+03	6.32E+03
51	103	LANCASTER	VA	808	5	5	361	8	160		4324	17		4.50E+03	8.05E+03
51	105	LEE	VA	27412	2327	347	12424	269	163		1513	25		2.00E+03	8.44E+03
51	107	LOUDOUN	VA	33760	5231	54	19137	41	4004		12451	1843	52	1.70E+04	4.15E+04
51	109	LOUISA	VA	21306	1112	95	9088	58	1042		3689	434		4.10E+04	
51	111	LUNENBERG	VA	10258	593	130	5064	114	217		7097	221		9.40E+02	4.21E+03
51	113	MADISON	VA	33999	3742	109	11714	57	2495		10708	459		3.00E+05	4.50E+03
51	115	MATHEWS	VA	505	29	19	140	20			1707	57		8.00E+04	7.23E+04
51	117	MECKLENBURG	VA	21860	1130	158	11371	148	413		13627	346		1.30E+05	9.39E+04
51	119	MIDDLESEX	VA	2009	498	19	449	6	56		2214			7.30E+02	8.35E+02
51	121	MONTGOMERY	VA	27348	3361	64	8702	69	1297		3819	4303	65	3.80E+04	2.86E+04
51	123	NANSEMOND	VA	6635	495	7	1816	31	1478		51187	66			
51	125	NELSON	VA	13337	139	62	6957	36	158		1450	291	60	1.30E+04	
51	127	NEW KENT	VA	1795	75	3	852	11			4085	9		3.40E+02	7.45E+02
51	131	NORTHAMPTON	VA	80.	7	7	374	17	36		1604	115		1.10E+01	2.39E+02
51	133	NORTHUMBERLA	VA	1366	101	12	458	43	65		4308	119		1.20E+04	6.93E+03
51	135	NOTTOWAY	VA	11045	2070	48	3356	78	391		2659	204		3.80E+06	9.00E+04
51	137	ORANGE	VA	29777	2660	82	11540	46	1922		6398	1489		5.80E+05	4.76E+03
51	139	PAGE	VA	19024	1349	52	7216	53	1337		5626	566		6.10E+06	5.24E+04
51	141	PATRICK	VA	15330	1709	261	7054	199	195		4046	171		4.90E+00	1.32E+04
51	143	PITTSYLVANIA	VA	33412	2624	308	14988	293	486		10529	97		8.70E+04	5.67E+04
51	145	POWHATAN	VA	10008	2077	12	2578	83	154		3641	26		4.80E+04	6.19E+04
51	147	PRINCE EDWAR	VA	14358	3229	79	4879	64	324		1733	38		1.70E+03	4.42E+03
51	149	PRINCE GEORG	VA	4144	323	19	1628	18	297		13200	22		4.50E+03	8.10E+03
51	153	PRINCE WILLI	VA	12133	1421	26	4019	72	459		2225	107	13	1.10E+03	4.10E+03
51	155	PULASKI	VA	25709	2722	50	9750	69	1236		1870	4217		2.80E+03	6.41E+03
51	157	RAPPAHANNOCK	VA	13672	118	44	6869	37	165		1631	697	75	6.00E+02	1.70E+03
51	159	RICHMOND	VA	1814	208	17	849	13	13		6485	3	1	2.00E+04	2.40E+04
51	161	ROANOKE	VA	6441	372	16	2807	46			1284	673		7.20E+05	4.85E+05
51	163	ROCKBRIDGE	VA	37229	1836	105	17294	72	500		3300	3794	100	2.60E+05	1.00E+04
51	165	ROCKINGHAM	VA	104217	17290	284	26042	217	9135		37316	21342	3433735	3.90E+07	7.97E+05
51	167	RUSSELL	VA	37702	3118	348	16381	188	636		1349	9159		5.10E+04	5.45E+04
51	169	SCOTT	VA	20474	1406	290	8998	384	256		1261	331		2.00E+03	9.00E+03
51	171	SHENANDOAH	VA	39182	3582	123	14842	115	3992		10049	8576	716867	8.40E+06	1.09E+05
51	173	SMYTH	VA	32679	3321	143	12566	221	474		2583	3361		4.60E+04	3.33E+03
51	175	SOUTHAMPTON	VA	11592	421	17	4557	28	1436		83624	92		3.50E+03	6.41E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
51	177	SPOTSYLVANIA	VA	12562	2137	55	3950	57	348		1613	102			1.04E+04
51	179	STAFFORD	VA	5065	434	20	3029	41	283		699	57		2.70E+03	4.15E+03
51	181	SURRY	VA	2008	117	21	947	14	311		23284	31		9.00E+03	1.52E+04
51	183	SUSSEX	VA	3341	28	13	1745	24	139		34555	84		2.10E+02	1.10E+03
51	185	TAZEWELL	VA	28813	2203	188	9875	84	1537		3037	8355	12	2.80E+04	2.54E+04
51	187	WARREN	VA	10918	128	33	4751	28	383		1738	1471		1.20E+02	9.05E+02
51	191	WASHINGTON	VA	54279	9866	329	17647	467	1365		15892	3132	15	4.20E+05	3.63E+05
51	193	WESTMORELAND	VA	3817	89	11	1508	19	496		4311	85		9.30E+02	1.28E+03
51	195	WISE	VA	2250	409	25	813	31			45		1		3.16E+03
51	197	WYTHE	VA	47318	5567	118	16408	150	1693		12667	5133	15	1.50E+04	1.74E+04
51	199	YORK	VA	900		3		4	7		353			4.20E+04	2.70E+04
51	710	NORFOLK CITY	VA	3257	924	7	996	17	147		8433	63		8.30E+03	
51	810	VIRGINIA BEA	VA	1728	337	6	712	17	42		181443	60	3283		
53	0		WA	1222893	165373	2659	389436	6509	353133		123929	94433	313253	2.30E+07	4.28E+06
53	1	ADAMS	WA	36618	1043	24	17703	54	4550		7318	1189		1.00E+03	2.46E+03
53	3	ASOTIN	WA	13087	123	23	6225	21	1261		556	113		1.30E+03	9.70E+02
53	5	BENTON	WA	44043	1239	77	20412	160	8431		1166	4876	40	2.00E+03	1.93E+03
53	7	CHELAN	WA	3285	81	27	1344	71	105		766	105		4.30E+02	9.26E+02
53	9	CLALLAM	WA	11370	1483	35	3829	123	70		96	301		6.30E+03	4.94E+03
53	11	CLARK	WA	33572	8295	129	8748	508	1814		1822	1831		1.40E+04	6.02E+04
53	13	COLUMBIA	WA	9159	36	27	4464	39	306		3675	330		3.40E+02	1.23E+03
53	15	COWLITZ	WA	8422	1565	48	2848	190	221		201	673		1.00E+04	5.19E+03
53	17	DOUGLAS	WA	16954	122	36	9363	34	3894		1095	318		1.50E+02	1.49E+03
53	19	FERRY	WA	15482	85	49	8195	17	141		82	237		2.00E+01	5.45E+02
53	21	FRANKLIN	WA	38607	2371	59	13721	111	12567		6613	10163		1.10E+03	2.64E+03
53	23	GARFIELD	WA	13393	42	20	7040	13	437		3814	195		4.90E+02	1.00E+03
53	25	GRANT	WA	124137	4814	117	28228	195	92531		11194	14354	1293	6.20E+04	3.23E+04
53	27	GRAYS HARBOR	WA	17803	6934	41	3178	142	196		245	172		5.20E+02	1.55E+03
53	29	ISLAND	WA	7591	1657	23	2082	96	256		786	264		3.60E+05	2.77E+05
53	31	JEFFERSON	WA	4054	603	13	1273	39	23		81	41			4.07E+03
53	33	KING	WA	34578	15359	108	4343	335	1493		3734	560	4	2.20E+06	9.70E+04
53	35	KITSAP	WA	2475	236	24	978	152	83		646	129	16	3.60E+05	1.38E+04
53	37	KITTITAS	WA	56999	1400	49	24552	96	17883		1534	1490		1.10E+04	1.79E+04
53	39	KLICKITAT	WA	35277	874	48	17451	105	1488		2204	2427	4	6.80E+02	1.83E+03
53	41	LEWIS	WA	35819	8075	184	8482	366	1021		2136	1817	17018	4.00E+06	2.32E+05
53	43	LINCOLN	WA	37181	172	63	21431	92	493		2665	1478		1.70E+03	2.82E+03
53	45	MASON	WA	2479	272	22	952	38	14		37			1.50E+01	9.71E+02
53	47	OKANOGAN	WA	63550	745	145	32339	129	4329		889	3833	1	7.20E+02	2.95E+03
53	49	PACIFIC	WA	7300	1284	21	2331	70	58		64	17		1.50E+03	1.00E+03
53	51	PEND OREILLE	WA	7498	386	46	3574	53	14		1270	33	25	3.80E+02	1.36E+03
53	53	PIERCE	WA	28554	10613	99	1606	311	1357		4055	154		4.50E+06	6.06E+05
53	55	SAN JUAN	WA	4843	87	9	2386	42	94		369	1025	70	4.70E+02	5.63E+02
53	57	SKAGIT	WA	39951	15220	51	6833	215	1279		4443	214		4.60E+05	2.55E+05
53	59	SKAMANIA	WA	1162	18	11	459	29	24		21	53		1.20E+01	1.24E+02
53	61	SNOHOMISH	WA	46580	17813	97	7009	144	1005		2172	352		3.20E+06	4.15E+05
53	63	SPOKANE	WA	41303	4345	187	14993	482	2239		11453	894	18	4.50E+05	4.37E+05
53	65	STEVENS	WA	44589	5106	203	17264	211	1209		4281	1156		2.20E+03	8.45E+03
53	67	THURSTON	WA	21218	6627	71	4578	243	1005		7287	1145	25	2.50E+06	9.05E+05
53	69	WAHKIAKUM	WA	7572	2019	11	1849	33	81		44	1		4.30E+02	3.62E+02
53	71	WALLA WALLA	WA	54257	1424	55	11984	139	40918		3280	1203		2.80E+05	3.46E+04
53	73	WHATCOM	WA	71711	31153	119	8372	393	1094		1040	361	349	1.40E+06	4.59E+05

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS		BEEF COWS		CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
					TOTAL	ON FARMS WITH 1-2	TOTAL	ON FARMS WITH 1-4							
53	75	WHITMAN	WA	39629	372	67	20955	164	6841		20495	9134	15	8.50E+03	8.57E+03
53	77	YAKIMA	WA	140791	11080	202	33840	554	122505		10900	31191		5.70E+05	1.75E+05
54	0		WV	495460	42232	3921	214782	1444	12406		67861	109338	1551204	2.00E+07	6.15E+05
54	1	BARBOUR	WV	13876	541	123	6563	136	115		370	953		6.20E+03	2.80E+03
54	3	BERKELEY	WV	16600	3171	19	5489	65	1296		4503	311		1.50E+05	1.04E+04
54	5	BOONE	WV	287	7	7	103	14	1		198	20		2.90E+02	8.05E+02
54	7	BRAXTON	WV	8369	197	131	4236	115	16		675	1339		1.60E+03	4.81E+03
54	9	BROOKE	WV	1891	416	9	664	11			6	170	45	1.70E+03	1.84E+03
54	11	CABELL	WV	4649	178	52	2048	165	77		303	174		4.90E+01	4.50E+03
54	13	CALHOUN	WV	3700	144	75	1899	51	12		165	57		3.80E+01	1.42E+03
54	15	CLAY	WV	1262	30	22	570	26			90	38		6.40E+01	5.37E+02
54	17	DODDRIDGE	WV	4680	161	85	2348	104	44		533	875		6.00E+02	2.52E+03
54	19	FAYETTE	WV	4289	312	57	1993	42	95		442	330	22		1.26E+03
54	21	GILMER	WV	5544	190	72	2976	26	48		355	1296	20	2.00E+02	1.59E+03
54	23	GRANT	WV	14373	407	137	6970	64	339		2040	7099	127259	3.00E+06	3.70E+03
54	25	GREENBRIER	WV	37185	3246	207	15191	146	994		1320	7972	8253	1.70E+04	2.93E+04
54	27	HAMPSHIRE	WV	17212	327	117	8373	84	541		4820	2793		1.80E+06	1.52E+04
54	29	HANCOCK	WV	607	62	2	252	31			121	30			2.94E+03
54	31	HARDY	WV	21774	956	144	9533	97	903		9349	8484	578313	9.50E+06	2.50E+04
54	33	HARRISON	WV	15099	1334	68	6705	141	248		191	883		2.00E+04	1.58E+04
54	35	JACKSON	WV	14693	966	154	6838	192	169		1049	1257		4.80E+04	4.16E+03
54	37	JEFFERSON	WV	22233	5325	16	4475	41	2207		5701	665		4.00E+04	4.23E+04
54	39	KANAWHA	WV	2142	37	20	1220	107	16		518			2.10E+02	1.29E+03
54	41	LEWIS	WV	13345	1017	118	6137	57	270		201	2285		2.90E+05	2.10E+03
54	43	LINCOLN	WV	1599	158	36	638	57	5		368	36		2.60E+02	2.49E+03
54	45	LOGAN	WV	208	80		27	5			14			2.50E+03	1.72E+03
54	47	MC DOWELL	WV												
54	49	MARION	WV	6932	249	62	3487	73			889	920		9.00E+02	2.53E+03
54	51	MARSHALL	WV	9953	1796	35	3532	140	78		970	1739	10	3.60E+03	5.41E+03
54	53	MASON	WV	21187	4303	80	7017	175	333		2989	143		8.90E+04	7.32E+04
54	55	MERCER	WV	7890	335	70	3643	100	180		320	484	4	1.30E+04	1.78E+04
54	57	MINERAL	WV	8365	776	47	3827	53	224		2609	2200		2.80E+05	1.70E+03
54	59	MINGO	WV	42	3	3	17	4							8.01E+01
54	61	MONONGALIA	WV	8443	242	61	4138	78	106		282	2200	11	1.00E+04	1.39E+04
54	63	MONROE	WV	22200	2416	142	10828	130	371		1638	7151	33	7.10E+03	8.96E+03
54	65	MORGAN	WV	2593	260	7	1092	19	61		399	14		2.80E+03	3.51E+03
54	67	NICHOLAS	WV	7272	289	66	3527	63	19		475	429		1.70E+04	1.52E+04
54	69	OHIO	WV	4330	1414	17	940	48	39		471	132		2.40E+03	3.82E+03
54	71	PENDLETON	WV	22790	858	306	10876	210	1146		10834	22700	751506	4.00E+06	3.19E+04
54	73	PLEASANTS	WV	1786	61	8	644	50			196	29		2.20E+02	9.48E+02
54	75	POCAHONTAS	WV	16297	334	196	8482	114	182		1248	14090		7.20E+02	4.26E+03
54	77	PRESTON	WV	21082	3928	119	7434	163	427		3757	1569		3.70E+04	2.57E+04
54	79	PUTNAM	WV	6608	251	68	3103	176	154		704	99		1.50E+04	9.91E+03
54	81	RALEIGH	WV	5034	173	46	2460	86	33		505	1009		1.30E+05	7.01E+04
54	83	RANDOLPH	WV	12992	772	138	6073	120	116		796	8752		7.70E+02	3.47E+03
54	85	RITCHIE	WV	5447	292	68	4169	68	19		52	608		8.00E+02	2.16E+03
54	87	ROANE	WV	10902	336	120	5489	132	3		320	719		1.50E+04	3.79E+03
54	89	SUMMERS	WV	7134	340	64	3074	103	39		260	519		2.90E+02	2.51E+03
54	91	TAYLOR	WV	8147	526	45	3484	59	138		195	545		6.30E+03	1.46E+04
54	93	TUCKER	WV	4640	279	54	2399	45	86		450	953	30	4.30E+03	4.27E+03
54	95	TYLER	WV	6125	590	42	3144	48	22		1393	154		9.40E+02	2.94E+03

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
54	97	UPSHUR	WV	8246	433	101	3557	69			330	1362		2.10E+02	1.58E+03
54	99	WAYNE	WV	3505	343	22	1467	80	56		305	8		7.40E+03	4.59E+03
54	101	WEBSTER	WV	895	59	22	438	25	32		302	131		1.70E+02	8.44E+02
54	103	WETZEL	WV	3910	202	36	1810	50	3		192	856		3.70E+02	1.64E+03
54	105	WIRT	WV	5913	268	46	2953	57	136		201	318			1.41E+03
54	107	WOOD	WV	10709	913	45	4146	142	1021		1622	550	4	1.10E+05	1.04E+05
54	109	WYOMING	WV	511	20	14	262	7			27	66		3.10E+01	5.71E+02
55	0		WI	4218103	1728670	2470	328144	12626	237194		2345238	71772	6114457	1.80E+07	4.01E+06
55	1	ADAMS	WI	12951	2862	20	3067	63	902		9717	104		1.10E+05	2.43E+04
55	3	ASHLAND	WI	10556	3733	16	1069	56	71		199	57		3.10E+02	1.84E+03
55	5	BARRON	WI	94465	43481	46	5624	307	1182		10471	897	3037229	6.20E+05	9.00E+03
55	7	BAYFIELD	WI	14420	5021	41	1634	95	64		580	426		7.50E+03	9.70E+03
55	9	BROWN	WI	77492	37296	28	2430	189	4458		22121	290	50	9.30E+04	5.24E+04
55	11	BUFFALO	WI	79399	27614	23	9425	125	3542		38880	1252	200301	2.90E+06	1.06E+05
55	13	BURNETT	WI	18476	6843	28	1739	77	248		5079	305		9.00E+03	7.75E+03
55	15	CALUMET	WI	55267	27916	22	1133	112	1976		14237	158	97891	2.50E+04	1.27E+04
55	17	CHIPPEWA	WI	97950	45860	31	5091	244	1026		13443	1044	30451	1.20E+05	8.74E+04
55	19	CLARK	WI	124738	62237	66	4590	378	1215		28253	576	237951	1.30E+04	2.03E+04
55	21	COLUMBIA	WI	89274	24572	58	10031	188	20914		103905	7885		2.00E+05	8.10E+04
55	23	CRAWFORD	WI	53682	18344	40	7630	193	1752		41603	829	527	8.70E+03	1.52E+04
55	25	DANE	WI	167752	66949	55	9925	337	21416		169199	4395	39004	5.70E+05	2.16E+05
55	27	DODGE	WI	138494	61304	40	3867	218	8191		120816	2449		1.20E+05	1.14E+05
55	29	DOOR	WI	32329	15173	38	1759	117	493		9123	225	6	3.90E+03	8.44E+03
55	31	DOUGLAS	WI	11093	2194	46	2969	114	172		567	409	179216	1.10E+05	
55	33	DUNN	WI	94913	38375	31	6433	274	2229		29877	2535		1.10E+05	1.06E+05
55	35	EAU CLAIRE	WI	49338	19848	30	4703	238	917		10883	880	308735	5.10E+05	2.94E+04
55	37	FLORENCE	WI	3508	1010	7	596	14	27		238			1.00E+03	6.06E+02
55	39	FOND DU LAC	WI	104391	48630	35	3201	272	4942		75769	1107	30	2.20E+05	1.35E+05
55	41	FOREST	WI	5751	1535	13	1308	24	87		60	7			7.23E+03
55	43	GRANT	WI	193735	53562	61	32065	229	24276		288426	3329	12635	4.50E+04	7.36E+04
55	45	GREEN	WI	106820	49895	31	6256	141	5526		111747	1240	10	9.40E+03	1.71E+04
55	47	GREEN LAKE	WI	38051	14281	22	1708	66	5378		40984	1032		4.60E+04	3.42E+04
55	49	IOWA	WI	111340	37793	18	15440	174	11249		71817	2219		2.40E+04	4.85E+04
55	51	IRON	WI	1761	652	7	290	18	8		18				2.19E+02
55	53	JACKSON	WI	46375	17026	38	4094	183	2645		16385	1492	105120	4.80E+05	4.63E+04
55	55	JEFFERSON	WI	67499	27745	47	5052	205	3446		40769	1152	2138	6.50E+05	5.19E+05
55	57	JUNEAU	WI	36014	12756	34	4188	114	1047		22325	443		3.90E+04	3.50E+04
55	59	KENOSHA	WI	19526	7924	16	853	81	773		13512	334	47138	1.20E+05	1.74E+05
55	61	KEWAUNEE	WI	34345	28405	26	1223	171	875		25882	101	50	5.50E+03	1.45E+04
55	63	LA CROSSE	WI	52093	19943	18	5334	141	2295		40285	295		1.40E+04	1.90E+04
55	65	LAFAYETTE	WI	120497	39451	39	14654	171	15734		164640	2245		7.70E+03	1.46E+04
55	67	LANGLADE	WI	24813	11815	17	1603	97	311		531	343		5.90E+03	1.04E+04
55	69	LINCOLN	WI	24038	10829	25	2095	155	226		4063	188			2.43E+04
55	71	MANITOWOC	WI	90065	43174	42	2324	316	2718		32829	237	100	1.60E+05	4.89E+04
55	73	MARATHON	WI	152428	77903	68	5969	445	1359		26649	320	326807	8.70E+04	6.93E+04
55	75	MARINETTE	WI	31002	13240	63	2655	201	270		14217	114	20	5.30E+03	9.35E+03
55	77	MARQUETTE	WI	20976	6892	25	2415	104	1381		28472	1118	30120	1.50E+04	1.72E+04
55	79	MILWAUKEE	WI	1475	606	8	190	2	134		342			3.10E+02	4.55E+03
55	81	MONROE	WI	83100	36195	70	6239	300	1370		16933	1267		1.00E+04	1.73E+04
55	83	OCONTO	WI	58352	28135	47	3241	249	790		17149	14	3	4.10E+04	4.29E+04
55	85	ONEIDA	WI	1670	382	11	516	31			407			2.00E+02	8.01E+02

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
55	87	OUTAGAMIE	WI	95189	44923	43	2314	189	4918		52399	293	280	4.10E+04	3.97E+04
55	89	OZAUKEE	WI	21803	10281	11	1262	77	1109		13577	238		2.40E+04	2.57E+04
55	91	PEPIN	WI	25259	10111	13	2253	96	849		10693	188		6.40E+03	6.49E+03
55	93	PIERCE	WI	79171	24669	34	9077	258	6626		37242	1805	12	8.10E+04	7.7[illegible]E+04
55	95	POLK	WI	88813	32635	69	7289	423	1602		14100	2234	250000	1.20E+04	1.81E+0[illegible]
55	97	PORTAGE	WI	41863	17114	58	3498	193	2044		14816	571		3.60E+04	5.41E+04
55	99	PRICE	WI	19477	9239	51	1758	200	93		522	45		3.30E+04	2.62E+04
55	101	RACINE	WI	20653	8208	22	1247	83	3148		23202	859	200	1.30E+05	8.31E+04
55	103	RICHLAND	WI	69642	24811	26	9473	173	1942		23137	1578	204819	1.10E+04	5.28E+04
55	105	ROCK	WI	81940	27280	41	7784	202	15805		87245	6282	506	1.50E+05	1.22E+05
55	107	RUSK	WI	37373	17188	32	3157	202	126		2214	182		2.70E+03	7.27E+03
55	109	ST CROIX	WI	93665	33415	57	9236	206	4820		27143	1856	240963	1.60E+05	5.15E+04
55	111	SAUK	WI	99257	35606	27	9328	187	9019		81654	1153		5.30E+05	2.97E+05
55	113	SAWYER	WI	8580	2755	19	1700	60	23		2126	92			
55	115	SHAWANO	WI	89982	45680	27	3097	329	1162		18032	1102	77	3.60E+04	2.06E+04
55	117	SHEBOYGAN	WI	68806	31054	32	3542	174	2859		31362	436	2	6.00E+04	5.84E+04
55	119	TAYLOR	WI	53343	26956	37	2294	176	583		5931	146		4.60E+03	1.03E+04
55	121	TREMPEALEAU	WI	93437	33747	58	8838	271	2742		44098	2293	54066	7.80E+06	1.99E+05
55	123	VERNON	WI	104473	43165	47	10050	400	1545		23592	2091		2.40E+04	4.46E+04
55	125	VILAS	WI	509	29	1	310	2				10			8.10E+01
55	127	WALWORTH	WI	58738	22185	35	4385	136	6372		41007	1353	15	2.30E+05	1.22E+05
55	129	WASHBURN	WI	19387	5407	9	3267	98	187		924	260		4.70E+02	2.42E+03
55	131	WASHINGTON	WI	45338	21570	32	1982	194	1967		24390	479		3.70E+05	4.85E+04
55	133	WAUKESHA	WI	30383	12817	45	2676	165	2297		4793	619	3177	1.80E+05	9.57E+04
55	135	WAUPACA	WI	65781	30624	41	3078	281	1603		29040	900	150	4.30E+04	2.42E+04
55	137	WAUSHARA	WI	27457	11528	46	1650	184	1861		13946	393		9.90E+04	9.57E+04
55	139	WINNEBAGO	WI	48834	22137	26	2075	119	2290		15797	808		1.20E+05	1.02E+05
55	141	WOOD	WI	56450	23845	84	4398	319	997		18382	193		7.80E+03	1.35E+04
56	0		WY	1599108	13508	1683	905203	538	94496		48510	1093816	104	7.30E+04	9.48E+04
56	1	ALBANY	WY	69120	157	68	33131	21	4		204	6513		1.60E+03	1.41E+03
56	3	BIG HORN	WY	61304	1022	93	29195	32	2963		2729	89916		4.70E+02	1.21E+04
56	5	CAMPBELL	WY	92023	249	113	51138	23	149		553	111363		9.30E+01	2.68E+03
56	7	CARBON	WY	117778	134	56	63277		433			74106		1.50E+02	1.34E+03
56	9	CONVERSE	WY	74233	362	86	38458	11	473		1101	81680		1.70E+02	1.51E+03
56	11	CROOK	WY	73402	617	124	39297	71	291		1405	38395		3.60E+02	3.67E+03
56	13	FREMONT	WY	107013	2076	154	55928	6	2912		2082	44331	3	1.20E+02	1.51E+04
56	15	GOSHEN	WY	107289	806	103	49705	54	20486		4773	12799		4.70E+03	4.68E+03
56	1	HOT SPRINGS	WY	36186	46	23	18850	4	5		177	6341		2.50E+02	6.08E+02
56	17	JOHNSON	WY	68629	135	62	38942	10	122		1043	94170		4.90E+02	2.[illegible]3E+03
56	21	LARAMIE	WY	73937	714	75	35146	33	3958		4291	13340	7	1.60E+03	3.9[illegible]E+03
56	23	LINCOLN	WY	50056	3692	72	25298	72	280		472	39486		2.10E+03	2.99E+03
56	25	NATRONA	WY	68974	47	23	37790	5			130	109445		1.40E+02	4.76E+02
56	27	NIOBRARA	WY	62991	153	80	33140	4	7646		1710	24641		1.00E+03	2.00E+03
56	29	PARK	WY	78348	351	94	31225	64			9827	57668	25	4.20E+03	5.24E+03
56	31	PLATTE	WY	91090	362	79	39801	25	9674		3499	19414		1.00E+03	2.81E+03
56	33	SHERIDAN	WY	102759	1110	109	49643	41	834		1231	19436	69	1.50E+04	1.82E+04
56	35	SUBLETTE	WY	87901	156	68	45020	8	14		32	2224		1.60E+02	7.92E+02
56	37	SWEETWATER	WY	17861	35	25	9867	4	14		73	85881		3.10E+03	6.67E+02
56	39	TETON	WY	19106	150	20	10023	1	3			619		1.60E+03	2.98E+03
56	41	UINTA	WY	42652	930	62	22430	1	160		49	51775		1.80E+01	7.49E+02
56	43	WASHAKIE	WY	44460	190	38	19463	17	4511		2059	101596		9.10E+02	1.75E+03

APPENDIX D (CONTINUED)

IS	IC	COUNTY NAME	ST	CATTLE AND CALVES	MILK COWS TOTAL	MILK COWS ON FARMS WITH 1-2	BEEF COWS TOTAL	BEEF COWS ON FARMS WITH 1-4	CATTLE ON FEED SOLD	MILK GOATS	HOGS SOLD	SHEEP SOLD	TURKEYS SOLD	CHICKENS-DRESSED WT KG	LAYING-AGE HENS
56	45	WESTON	WY	51996	114	56	28438	11			1637	10157		2.10E+02	2.16E+03
		U.S. TOTAL		112937544	10639761	166219	41168193	289485	26023537	11009	79822500	13431266	124720303	3.63E+09	2.84E+08