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TRANSPORTATION SYSTEMS AND DUAL PURPOSE BLAST SHELTERS -

A PROGRESS REPORT

G. A. Cristy

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TRANSPORTATION SYSTEMS AND DUAL PURPOSE BLAST SHELTERS -
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G. A. Cristy

Abstract

A first step toward a full blast shelter oriented civil defense program could involve a change in priority of selection of existing shelters to utilize the inherent blast resistance of the 13 million PV 71-81 shelters (i.e., underground shelters) already located by the National Fallout Shelter Survey (NFSS). Minor modifications could be made of the design of structures to be built for new or expanded transportation facilities in and around the major cities, which would make it possible to provide additional blast shelters. This would include stations and tunnels of rapid transit systems, underground garages, highway and railway tunnels and the abutments of the interchange and grade separations of interstate highways. This study involves evaluating the availability of these types of shelters to the population of major cities. This progress report describes the procedure used in evaluation and comparison of the data. Of the 54 Standard Metropolitan Statistical Areas with population over one-half million in 1960, 31 have provided data on new transportation systems being planned for the next decade. These planned structures could provide at least 5-1/2 million blast shelters if the proper changes in design were accomplished before construction starts.

In the largest (1960 census basis) SMSA, there are 8-1/2 million PV 71-81 shelters located by the NFSS. Approximately 70% of this capacity could be filled by persons living within a 15-minute walk of the shelters. The potential shelter spaces within the 31 SMSA's could be filled to 80% capacity by persons living within a 30-minute walk.

The program for matching shelters and population geographically is operational and can be used for any assignment problem provided that geographical distribution of the potential shelters is known.

TRANSPORTATION SYSTEMS AND DUAL-PURPOSE BLAST SHELTERS -A PROGRESS REPORT

G. A. Cristy

I. INTRODUCTION

The cities of the United States are experiencing a series of well-publicized crises. Most Americans are aware of crises in transportation, in housing, in education, in sanitation, and in finances. But one problem in our cities has been given very little attention in the news media - the problem of providing adequate public shelters to protect the population of the cities against the immediate effects of nuclear weapons in the case of nuclear attack.

Although the present shelter policy of the United States does not recognize such protection as being either necessary or feasible, the time may come for a more realistic look at both the possibility and the desirability of providing protection from blast, fire, and prompt radiation effects of nuclear weapons. This project is investigating a portion of that problem.

The OCD fallout shelter criteria were established several years ago when it was imperative that something be done about sheltering the U. S. population rapidly and at very little cost. By March 25, 1969, the National Fallout Shelter Survey (NFSS) had located over 183 million acceptable fallout shelters¹ at an average cost of \$0.65 per shelter space and another 38 million which could be made acceptable by the addition of emergency power and/or ventilation. The perceived urgency has diminished, but much has been done at small cost. Beyond such low cost programs,

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however, research projects sponsored by the Office of Civil Defense have shown that many more lives could be saved in the event of nuclear war if the country also had shelters, especially for urban areas, which were capable of protection against the initial effects of nuclear weapons (blast, thermal pulse, initial radiation).

Over the last few years, many blast shelter systems have been proposed, conceptually designed and cost estimated. Essentially none have been built in the U. S. One major deterrent to their deployment, particularly today, is the high cost of a full blast shelter program. Faced with the dilemma of an apparent need for blast shelter protection of the population of the U.S. and a single use shelter cost which may be too high to be acceptable, some alternate must be found. One such alternate could be provided by a reorientation of the present shelter philosophy, which is strictly fall-out oriented. Merely by changing the priorities and the selection criteria, much improvement could be made at essentially no cost.

At the present time nearly 13 million of the located fallout shelter spaces have an inherent capability for protection against initial effects. These spaces are designated as personal vulnerability PV 71 and 81 (i.e., underground structures). These include tunnels, basements of buildings of heavy masonry construction, mines, caves, and even some unused ammunition bunkers. Many of these located spaces are not being utilized in shelter planning because they are in areas where interior spaces of tall buildings provide more fallout shelter spaces than are needed for current population "peaks." Although tall buildings give adequate protection from fallout, the buildings them-

selves have a low survival probability in the event of blast overpressures of the order of 2 psi and above. There is even some indication that fallout protection might be degraded by very low blast overpressure.² An example of this situation is New York City, where the subway system could provide 1.6 million adequately ventilated fallout shelter spaces but only a few hundred such spaces are actually marked and stocked. A policy which would put priority on utilization of spaces with the higher PV ratings could result in an immediate improvement in protection from immediate effects in at least 55 cities. Only three million of the thirteen million PV 71-81 shelters are marked and stocked.

The next most economical step to a better direct effects protection system is to encourage builders of new structures in areas of high probable risk to take advantage of the inherent potential which can be realized by minor design modifications of the new structures. This encouragement might take the form of subsidies, but additional PV 71-81 spaces might simply be created by "slanting" at virtually no additional cost.

Transportation systems which are now being rapidly expanded in and around the cities could provide an excellent opportunity for obtaining a large supply of such dual purpose shelter spaces. By design modifications before construction, the shelters which are needed for the transportation systems could be made into adequate blast shelters at modest additional cost either at the time of construction or at any convenient future time. Structures which could be modified to provide blast shelters include the stations and tunnels of subways (see Fig. 1 and 2), abutments of the grade separation or interchange structures on interstate highways and major freeways, underground garages, pedestrian

tunnels, and truck tunnels. Previous work by ORNL³ and others⁴ indicate the cost of modification of such structures may range from \$40 to \$300 per blast shelter space ultimately created, with postponable* costs more than half the total for the more expensive spaces.

The advantages of using transportation systems as a major portion of an upgraded civil defense system include:

1. Shelter occupants will be familiar with the location from daily use and/or observation.
2. Such a plan provides utilization of space which would otherwise have little or no use.
3. There will be essentially no private ownership problems in making the space available at all times for emergency use.
4. Shelters will be conveniently located within walking distance of a large portion of the population.

* Postponable costs are defined as the costs of items which can be provided at any time subsequent to completion of construction at essentially the same cost if provided at the time of construction. It includes such items as portable equipment, painting, etc.

II. PROCEDURE

This study is developing information on location and availability of existing FV 71 and 81 shelters and the potential shelter spaces which could be incorporated into new transportation structures. The intent is to determine availability of such shelters to the population of the major cities. This is being done by:

- (1) obtaining data from cities which are planning new transportation structures,
- (2) estimating the number of shelter spaces that could be provided in the new construction,
- (3) locating the potential spaces by geographical coordinates, and
- (4) comparing the location of the already identified FV 71-81 shelter spaces and the location of the potential spaces with the location of the population of the cities estimated in 1975.

Basic data on population distribution were obtained by modifying the one kilometer grid system which the American Research Co.⁵ (ARCo) prepared for the Institute of Defense Analysis (IDA) in 1965. The data are in the form of rectangular matrices, one matrix for each Standard Metropolitan Statistical Area (SMSA), as defined by the U.S. Census Bureau. Each number within a matrix represents the population density in persons per square kilometer at the point in space represented by the coordinates of the number in the array. The ARCo data were updated by changing the 1960 population to projected 1975 population and by assigning an area code to each of the one kilometer grid squares. New area code designations were established for this study, based on earlier census bureau and OGD

codes (See Table B-1). Details of the ARCo data and the method of updating are contained in Appendix A "Data Sources."

Data on the location and capacity of PV 71-81 shelters were obtained from the National Fallout Shelter Survey (NFSS). Data on PV 71-81 shelters are available for the entire NFSS but only that for 98 SMSA's have been used in the first stage of this study. The basic population distribution contained data for the 100 largest SMSA's by 1960 census figures. Two cities, Duluth and Tucson, were eliminated from the first stage of the process because of the exceptionally large size of the matrices from these two cities. The number of cities being included in the transportation survey has been limited to the 56 SMSA's which had a population of over one-half million in 1960. Data on the location and capacity of potential new shelters were calculated from the responses to requests which were sent to the planning authorities of the cities in the 56 SMSA's and to the highway departments of the states in which the SMSA's are located. (See Appendix A "Data Sources.")

A computer program for assignment to shelters was developed which matches the population with two different groups of shelters (i.e. PV 71-81 shelters already located and the potential blast shelters which could be incorporated into planned transportation structures) and determines whether an excess or deficiency of shelter space exists within each one kilometer grid location. The assignment program uses two different search patterns in matching the population to the shelter spaces. The first search assumes approximately 15 minutes walking time is available in a movement to shelter. The second search assumes that shelterees will have a 30 minute walking time available.

Details of the method of these searches are given in Appendix B "Data Processing".

The computer output from the assignment program consists of one summary table for each city and one for the entire 98 SMSA's. Each table lists by area codes: (1) the 1975 population, (2) the number of PV 71-81 shelter spaces available, (3) the number of new spaces potentially available in transportation systems, (4) the number of PV 71-81 shelter spaces that can be used on the 15 minute walk assumption, (6) the number of PV 71-81 shelter spaces that can be used in thirty minutes, (7) the number of new shelter spaces that can be used in thirty minutes, and (8) the percentage of the population that would be sheltered under each of the cases. Appendix C "Shelter Summaries" contains the summaries for each of the 98 SMSA's. These summaries include the PV 71-81 shelters from all 98 SMSA's, but data on the potential new shelters in transportation systems are included for only the 31 cities from which planning information has been received which is adequate for locating the potential transportation shelters.

III. DISCUSSION OF RESULTS

The shelter potential shows wide variations among the various cities. One of the most common characteristics of the data is that a large percentage of the resident population of the Central Business District (CBD) could be sheltered in PV 71-81 shelters. Even this is not universal although it generally holds for the largest cities (but not for Washington D. C.). This can be seen from the data from the 20 selected cities shown in Tables 1 and 2. The fact that the PV 71-81 shelters show a nationwide utilization of nearly 70% indicates that they are conveniently located relative to the resident urban population.

These data do not include the peak daytime population. A review of data from other studies by ORNL⁶ and others^{7,8} shows that the peak daytime population of central city areas (especially the area codes 4 and 5) is from two to three times the resident (i.e. nighttime) population in New York City and Washington D. C. Assuming this is true of the other large cities, the apparent surplus (less than 100% utilization) of PV 71-81 would essentially disappear.

In the 31 cities for which data has been assembled thus far on the potential blast shelter spaces in transportation systems, there is some variation in the completeness of the data. For example, Washington, D. C. is very completely covered; the METRO system (i.e., the subway which is now being built) has been included as well as all the freeway systems that are currently included in the transportation plan. Due to the controversy raging over the freeway system, there may be a number of sections included in this data which will never be built. On the other

TABLE 1

POPULATION AND PV 71-81 SHELTERS IN CENTRAL BUSINESS DISTRICTS (CBD)
OF SELECTED* SMSA

	CBD Population	PV 71-81 Shelters	Number Sheltered	% Sheltered	% Shelters Used
New York	960,776	1,374,304	960,776	100.0	75.0
Los Angeles	39,747	159,358	39,747	100.0	24.7
Chicago	9,404	145,644	9,404	100.0	6.5
Philadelphia	24,477	138,469	24,447	100.0	17.6
Detroit	0**	0	0	0	--
San Francisco	76,816	76,816	76,816	100.0	100.0
Boston	38,955	147,889	38,955	100.0	26.3
Pittsburg	2,027	2,027	2,027	100.0	100.0
St. Louis	5,560	5,560	5,560	100.0	100.0
Washington	33,804	8,381	8,381	24.8	100.0
Cleveland	10,692	0	0	0	--
Baltimore	1,016	1,016	1,016	100.0	100.0
Newark	7,554	14,745	7,554	100.0	51.2
Minneapolis	12,440	1,449	1,449	11.7	100.0
Buffalo	36,953	154	154	0.4	100.0
Houston	5,748	0	0	0	--

Continued on next page

Continuation of Table 1

	CBD Population	FV 71-81 Shelters	Number Sheltered	% Sheltered	% Shelters Used
Milwaukee	5,658	923	923	16.3	10.0
Paterson	6,294	0	0	0	--
Seattle	8,715	8,715	8,715	100.0	100.0
Dallas	1,538	1,538	1,538	100.0	100.0
98 Cities	1,884,453	2,228,172	1,314,880	69.8	78.6

* Top 20 SMSA's in order of rank by 1960 population

** For some unknown reason, the original data failed to include any CED Code 1 for Detroit

TABLE 2

POPULATION AND PV 71-81 SHELTERS IN SELECTED* SMSA'S

	Total Population	PV 71-81 Shelters	Number Sheltered	% Sheltered	% Shelters Used
New York	11,885,158	2,927,985	2,209,999	18.6	75.5
Los Angeles	9,352,209	397,271	270,621	2.9	68.1
Chicago	7,712,664	355,587	254,582	3.3	71.6
Philadelphia	5,111,542	500,308	450,454	8.8	90.0
Detroit	5,601,042	80,228	33,613	0.6	41.9
San Francisco	3,453,105	330,737	248,479	7.2	75.1
Boston	2,794,556	400,771	281,341	10.1	70.2
Pittsburgh	2,612,821	430,979	227,171	8.7	52.7
St. Louis	2,490,084	297,367	83,168	3.3	28.0
Washington	2,522,109	146,396	145,699	5.8	99.5
Cleveland	2,048,428	61,532	47,766	2.3	77.6
Baltimore	2,184,951	121,459	114,655	5.3	94.4
Newark	2,259,025	109,955	91,003	4.0	82.8
Minneapolis	2,015,480	76,431	75,744	3.8	99.1
Buffalo	1,548,501	112,500	35,864	2.3	31.9
Houston	1,976,774	0	0	0.0	--
Milwaukee	1,402,286	23,252	20,211	1.4	86.9

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Continuation of Table 2

	Total Population	PV 71-81 Shelters	Number Sheltered	% Sheltered	% Shelters Used
Paterson	1,604,343	8,693	8,693	0.5	100.0
Seattle	1,390,436	129,749	77,887	5.6	60.0
Dallas	1,578,357	11,920	11,920	0.8	100.0
98 Cities	124,178,346	8,649,327	5,887,937	4.7	68.0

*Top 20 SMSA's in order of rank by 1960 population

hand, in New York City only a few of the planned highway additions could be accurately identified. Location data are not yet available on the planned changes to the subway system, the additions to the Port Authority Trans-Hudson (PATH) system and the controversial cross-town (Manhattan) freeways.

In general, the locations of the potential new blast shelters are such that they could be very well utilized (nearly 80%). Based on the limited data obtained so far, there is a definite orientation of transportation systems toward the suburbs (i.e., areas 1 and 2) rather than toward the central city, primarily because the major construction data available is principally for freeway systems, much of which includes city by-passes and loops. This is shown in Table 3.

TABLE 3

UTILIZATION OF POTENTIAL NEW SHELTERS

	Suburbs						Central City				SMSA Total /		% Pop. shel- tered
	Rural Fringe Area Code 1		Urban Fringe Area Code 2		Central City Area Code 3		Downtown						
							Downtown Area Code 4		Cen Bus Dist Area Code 5				
	No. Spaces	% Used	No. Spaces	% Used	No. Spaces	% Used	No. Spaces	% Used	No. Spaces	% Used	No. Spaces	% Used	
Allentown	5,250	100.0	750	100.0	0	--	0	--	0	--	6,000	100.0	4.4
Jersey City	0	--	12,000	100.0	0	--	0	---	0	--	12,000	100.0	21.8
Newark	21,000	93.0	89,250	98.3	2,250	100.0	16,500	100.0	0	--	129,000	97.7	9.6
Paterson	0	--	21,750	83.9	0	--	3,750	100.0	0	--	25,500	86.2	1.9
Philadelphia	129,750	69.2	150,250	93.8	30,750	97.6	69,335	100.0	7,815	0	387,900	81.3	15.0
Albany	31,500	55.0	47,740	94.6	18,400	100.0	13,900	100.0	12,400	100.0	121,950	86.3	13.8
Buffalo	30,000	77.0	118,500	86.2	30,750	100.0	4,500	100.0	3,750	100.0	187,500	87.5	12.9
New York	16,700	100.0	0	--	91,500	98.1	83,250	100.0	34,250	0*	225,700	75.8	20.0
Rochester	32,250	64.5	61,500	87.3	21,000	100.0	1,500	100.0	0	--	116,250	83.4	17.7
Syracuse	750	100.0	26,250	100.0	6,750	100.0	0	--	0	--	33,750	100.0	8.7
Washington	58,750	92.4	126,500	46.5	102,600	100.0	362,521	46.8	126,529	36.3	776,900	55.5	22.9
Louisville	30,750	70.6	129,750	84.3	73,500	85.7	19,450	100.0	8,300	100.0	261,750	84.8	26.7

*100% of population in this area code was already sheltered in PV 71-81 so no new ones were needed.

Continuation of Table 3

	Suburbs				Central City						SMSA Total		% Pop. sheltered
	Rural Fringe Area Code 1		Urban Fringe Area Code 2		Central City Area Code 3		Downtown						
	No. Spaces	% Used	No. Spaces	% Used	No. Spaces	% Used	Downtown Area Code 4		Cen Bus Dist Area Code 5		No. Spaces	% Used	
Baltimore	99,250	61.8	59,750	84.4	20,000	5.8	0	--	0	--	179,000	63.1	10.4
Norfolk	0	--	750	100.0	4,500	100.0	2,250	100.0	0	--	7,500	100.0	6.0
Birmingham	27,000	68.1	54,750	83.3	30,750	100.0	14,250	100.0	3,000	100.0	129,750	86.3	16.3
Miami	65,197	76.9	171,053	96.8	72,750	97.1	20,314	100.0	8,936	100.0	338,250	93.3	21.4
Memphis	9,000	63.1	16,500	100.0	6,000	100.0	8,323	100.0	677	100.0	38,968	91.8	4.4
St. Louis	16,500	100.0	51,000	92.2	0	--	0	--	0	--	67,500	94.1	5.9
Indianapolis	36,750	39.7	88,500	95.9	57,750	100.0	32,555	100.0	8,695	100.0	224,250	88.5	28.9
Detroit	48,750	100.0	130,500	85.7	18,750	77.4	6,750	0*	0	--	204,750	87.0	3.8
Minneapolis	14,250	95.3	33,000	97.8	10,500	99.1	6,750	100.0	0	--	64,500	97.7	6.9
Milwaukee	32,250	72.4	69,650	82.4	63,300	99.1	17,550	100.0	1,500	100.0	182,732	88.2	13.0

*100% of population in this area code was already sheltered in PV 71-81 so no new ones were needed.

Continuation of Table 3

	Suburbs				Central City						SMSA Total	% Pop. shel- tered	
	Rural Fringe Area Code		Urban Fringe Area Code 2		Central City Area Code 3		Downtown						
	No. Spaces	% Used	No. Spaces	% Used	No. Spaces	% Used	Downtown Area Code 4	Cen Bus Dist Area Code 5		No. Spaces			% Used
New Orleans	22,500	69.8	11,250	93.3	21,000	100.0	23,700	100.0	0	--	73,544	90.4	5.7
Dallas	19,500	100.0	181,500	67.1	39,000	93.1	16,500	100.0	0	--	256,500	75.7	13.1
Ft. Worth	18,000	91.3	27,000	86.2	12,750	100.0	3,750	100.0	0	--	61,500	91.4	8.4
San Antonio	14,250	90.6	4,500	100.0	22,500	100.0	18,000	100.0	6,000	100.0	65,250	98.0	6.4
Kansas City	7,500	0	12,000	100.0	10,500	94.5	0	--	0	--	30,000	90.6	18.4
Sacramento	6,750	100.0	55,500	87.2	38,250	100.0	33,750	100.0	3,000	100.0	137,250	94.8	19.3
San Diego	18,000	80.6	71,250	100.0	111,000	99.2	42,000	100.0	0	--	242,250	98.2	18.1
Portland	81,990	29.2	107,340	83.1	126,750	96.8	35,113	100.0	2,056	100.0	353,258	77.3	30.3
Seattle	3,750	100.0	189,500	66.9	233,450	51.4	4,500	100.0	0	--	431,200	59.1	23.9
TOTAL	930,908	88.3	2,164,022	84.3	1,289,750	85.3	875,011	89.1	226,917	48.2	5,486,608	77.8	8.2

IV. CONTINUING WORK

The size of the grid is being enlarged in order to be able to include Tucson and Duluth in the final report. Data on planned transportation systems are being sought from the remainder of the 54 cities for which data has not yet been obtained. When such data are received, they will be collated and added to the data cards and the program rerun.

The assignment program for matching shelters and population geographically is operational and can be used for any shelters which can be located by Universal Transverse Mercator Grid (UTMG) coordinates or by longitude and latitude (by using an available conversion routine).

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APPENDIX A

Data Sources

1. Population by One Kilometer Grid

The basic data source was a computer tape obtained from the Institute for Defense Analysis (IDA) which contained population data prepared by American Research Company (ARCo) in 1965.

A description of the method of preparation of the tape by ARCo follows:

"The population density distributions of the 100 largest Standard Metropolitan Statistical Areas (SMSA) as determined by the 1960 U. S. Census of night-time population are on one reel of magnetic tape. Each SMSA is represented on the tape as a rectangular matrix with array elements estimating the resident population density expressed in persons per square kilometer. The matrix elements correspond to geographical points at the centers of cells one kilometer square arranged in a grid, oriented in a true east-west direction. Density matrices were developed primarily for estimating attack damage and defense needs at the local level. However, the tape data base can be used for regional studies since each matrix has been referenced to a standard geographic reference system, Universal Transverse Mercator (UTM). The list of cities in the data base is given in Appendix 1." (Included in this report as Appendix A-1.)

"The construction of population density matrices for each SMSA was accomplished by a map-matching exercise relating census areas to one-kilometer grid cells constructed on Geological Survey maps. Grid cells were defined by the UTM coordinates which are ticked on the edges of the latest series U.S. Geological Survey Quadrangle Maps. Each SMSA, as defined by Census publications¹, was plotted on the maps

1. "The following Bureau of the Census publications were used: Series HC93) City Blocks; Series PHC (1) Census Tracts; and the National Location Code Handbooks."

and then circumscribed by the smallest rectangle with sides parallel to the UTM coordinates. The UTM coordinates of the southwest corner cell were recorded and all other cells within the rectangle referenced to the southwest corner. This follows the pattern of the UTM system whose coordinates, designated Eastings and Northings, increase in magnitude in easterly and northerly directions.

"Once the grid system was established, the smallest census areas for which population data was available were superimposed on the same maps. In passing it is noted that the reverse process of drawing grids upon census maps is infeasible since census maps are at best schematics, drawn with non-uniform scales. Identifications for the census areas were then associated with grid cells with the following rules: For census areas smaller than grid cells such as city block data, all the population was added to the cell which contains most of the area. For census areas covering more than one cell, the population was divided equally among those cells which had more than one-half of their area within the census area. Cells with a majority of land uninhabited due to parks, rivers, industrial complexes, etc., were given a density of zero even if partially covered by one of the larger census areas."

Several of the SMSA's lie in two adjacent UTMG zones. Each UTMG zone is six degrees of longitude wide. The easting of each point within a zone is defined in terms of its distance from the central meridian of the zone. Specifically, if Y = distance in kilometers of the point from the central meridian, then for points west of the meridian, the eastings is $500 - Y$; for points east of the meridian, the easting is $500 + Y$.

As a consequence of the different widths (in kilometers) of the 6° wide zones, the eastings on either side of the boundary between zones vary with latitude. Furthermore, since the ARCo tape located each SMSA only by the coordinate of the southwest corner of the grid block, grid coordinates for locations in the eastern zone calculated from the I, J numbers would not correspond to the actual eastings recorded from other sources. Therefore, adjustments were

made in all the calculations to allow a proper match of coordinates. Specifically in each city a correction factor was calculated which was added to the real easting to give the grid easting. The cities involved and the correction factors are given in Table A-1.

TABLE A-1
Correction Factors for UTM Easting Coordinates

SMSA	Zones	Latitude	Correction Factor
Worcester, Mass.	18,19	42° 23'	494
Omaha, Nebr.	14,15	41° 21'	502
Dayton, Ohio	16,17	39° 49'	516
St. Louis, Mo.	15,16	38° 49'	522
Fresno, Calif.	10,11	36° 45'	536
Tulsa, Okla.	14,15	36° 23'	540
Knoxville, Tenn.	16,17	36° 12'	542
Memphis, Tenn.	15,16	35° 0'	546
Atlanta, Ga.	16,17	34° 0'	556
New Orleans, La.	15,16	30° 2'	-580*

*The ARCo data used an artificial coordinate based upon zone 16 instead of zone 15. Therefore, the correction had to be made on eastings of points in zone 15.

2. Area Code and 1975 Population

The original population data did not have any method of directly distinguishing the type of area within the city which was represented by the elements of the grid. A computer tape containing a set of data labeled "The New Standard Location File," (NSLF) was provided by the Civil Defense Computer Center.

The file is organized by Standard Location Area (SLA) as defined by the Bureau of the Census. That is, each element in the file contains data which pertain to a single SLA. The data extracted for this task were limited to the SLA's of the 100 largest SMSA's and consisted of the population of the SLA from the 1960 census, the statistical projection of the 1975 residential population, the UTM zone and coordinates, the Central Business Indicator (CBI), and the Urban Rural (U/R) code.

The CBI code is a "0" or a "1". The "1" indicates that the SLA is in the Central Business District (CBD) of the SMSA. The U/R code is as follows:

0 = Urban SLA
1 = Rural SLA
2 = Central City SLA
5 = Downtown SLA

3. Shelters with a PV of 71 or 81

Another source of data was an extract from the National Fallout Shelter Survey (NFSS) file. The National Civil Defense Computer Facility, at Olney, Maryland, provided a computer tape on which was listed all the NFSS shelters which had been assigned a PV rating of 71 or 81 (underground structures). Each shelter was identified by the 8 digit SLA code number and by the UTM grid coordinates. The number of shelter spaces available in each shelter was indicated.

Data on Potential Shelters in Transportation Structures

Letters were written to the planning authorities of the cities in the 54 SMSA's that had over 500,00 people in the 1960 census. The letters requested information concerning structures related to transportation systems that were being planned for construction in the next 10 years. A similar letter was sent to the state highway department of each state which included one or more of the 54 SMSA's.

Data extracted from the reports have been incorporated into the data bank. One card was prepared for each structure located. Highway interchanges and grade separations were identified and located on the grid by UTM coordinates. Each interchange was assumed to be able to provide 1500 shelter spaces. Each grade separation was assumed to be able to provide 750 shelter spaces. Each highway tunnel was located by the UTMG coordinates of its portals. The number of potential shelter spaces was calculated on the basis of 1.5 spaces per lane foot. The shelter spaces were prorated to the portals. The shelter grid shows the number of spaces allocated to a portal in the one kilometer containing the portal.

Potential spaces in subway stations and tubes were calculated on the basis of the dimension of the subway structures and apportioned to the various station entrances. Shelter spaces in subways were located on the grid in the one kilometer square containing the entrance. In the cases of the tunnels, the anticipated capacity was estimated, prorated to the various entries, and the number of spaces indicated on the card. In the case of the interchange and grade separation, no shelter capacity was shown on the card. The

numbers 1500 and 750 were assigned to these structures by the final program. This was done to allow rapid re-evaluation, either up or down, of this type space by simply changing one data statement and rerunning the final program.

APPENDIX A-1

CITY	CODE	POPULATION	SIZE	
			Rows	Col
AKRON	AKR	513569	50	25
ALBANY	ALB	657503	111	85
ALBUQUERQUE	ALQ	262182	49	67
ALLENTOWN	ALL	492168	75	94
ATLANTA	ATL	1017088	93	95
BAKERSFIELD	BKF	291984	111	234
BALTIMORE	BLT	1727023	114	83
BEAUMONT	BEA	306016	75	74
BIRMINGHAM	BIR	634864	66	76
BOSTON	BOS	2590184	75	72
BRIDGEPORT	BPT	334576	32	31
BUFFALO	BUF	1306957	105	56
CANTON	CTN	340345	39	48
CHARLESTON	CWV	252925	73	63
CHARLOTTE	CHA	272111	57	46
CHATTANOOGA	CGA	283169	97	53
CHICAGO	CHI	6220913	145	98
CINCINNATI	CIN	1071624	59	52
CLEVELAND	CLV	1796524	64	81
COLUMBIA	CBA	260828	68	90
COLUMBUS	COL	682962	39	43
DALLAS	DAL	1083601	152	103
DAVENPORT	DAV	270058	52	76
DAYTON	DAY	694623	71	72
DENVER	DEN	929383	126	169
DES MOINES	DEM	266315	44	41
DETROIT	DET	3764468	100	85
DULUTH	DUL	276596	270	118
EL PASO	ELP	314070	67	63

APPENDIX A-1

CITY	CODE	POPULATION	SIZE	
			Rows	Col
FLINT	FNT	374313	49	39
FT. LAUDERDALE	FTL	333946	42	81
FORT WORTH	FWT	573669	96	53
FRESNO	FRE	365945	133	154
GARY	GRY	573548	61	50
GRAND RAPIDS	GRR	363187	60	41
HARRISBURG	HAR	345071	78	99
HARTFORD	HFD	525207	51	55
HOLYOKE	HOL	478592	45	58
HONOLULU	HAW	500409	51	66
HOUSTON	HOU	1225898	65	65
HUNTINGTON	HUN	255005	111	68
INDIANAPOLIS	IND	697567	33	33
JACKSONVILLE	JCK	455411	54	64
JERSEY CITY	JER	610734	20	15
JOHNSTOWN	JTN	280733	113	89
KANSAS CITY	KC	1040613	79	83
KNOXVILLE	KNX	368080	93	73
LANCASTER	LTR	278359	66	71
LANSING	LSG	298949	79	78
LOS ANGELES	LA	6746611	160	141
LOUISVILLE	LOU	725139	68	55
MEMPHIS	MEM	627019	47	61
MIAMI	MIA	935047	93	74
MILWAUKEE	MIL	1194290	40	59
MINNEAPOLIS	MSP	1482030	105	82
MOBILE	MOB	314301	95	48
NASHVILLE	NAS	399743	49	48
NEWARK	NWK	1689420	55	66
NEW HAVEN	NHN	311681	26	38

APPENDIX A-1

CITY	CODE	POPULATION	SIZE	
			Rows	Col
NEW ORLEANS	NWO	907561	98	60
NEW YORK	NYC	10696065	97	205
NORFOLK	NFK	578507	47	56
OKLAHOMA CITY	OKL	511833	89	110
OMAHA	OMA	457873	59	111
ORLANDO	ORL	318487	59	77
PATERSON	PAT	1186873	48	50
PEORIA	PEO	288833	73	61
PHILADELPHIA	PHL	4342897	116	153
PHOENIX	PHX	663510	170	180
PITTSBURGH	PIT	2406050	100	132
PORTLAND	PTD	821897	130	144
PROVIDENCE	PRO	816148	65	95
READING	REA	275414	60	77
RICHMOND	RIC	408494	54	62
ROCHESTER	ROC	586387	48	51
SACRAMENTO	SAC	502778	79	72
ST. LOUIS	STL	2060103	113	120
SALT LAKE CITY	SLL	383035	71	56
SAN ANTONIO	SNA	687625	73	67
SAN BERNADINO	SB	809782	178	180
SAN DIEGO	SAD	1033011	108	141
SAN FRANCISCO	SF	2783359	160	137
SAN JOSE	SNJ	642319	65	65
SEATTLE	SEA	1107213	138	122
SHREVEPORT	SPT	281481	92	64
SPOKANE	SPO	278333	89	59
SYRACUSE	SYR	563781	110	111
TACOMA	TAC	321590	75	111
TAMPA	TPA	772453	61	81

APPENDIX A-1

CITY	CODE	POPULATION	SIZE	
			Rows	Col
TOLEDO	TOL	456931	35	61
TRENTON	TRE	266392	32	39
TUCSON	TUC	265660	122	262
TULSA	TUL	418974	153	120
UTICA	UTR	330771	141	97
WASHINGTON	WDC	2002197	91	75
WICHITA	WIC	343231	49	58
WILKES - BARRE	WLB	346972	58	61
WILMINGTON	WIL	366157	61	62
WORCESTER	WOR	323306	40	48
YOUNGSTOWN	YTN	509006	66	48

APPENDIX B

Data Processing

1. Area Code Identification

The first step toward preparing the new population grid was to establish a new area code and to identify each SLA on the New Standard Location File (NSLF) with the proper area code. The new area code definitions and the corresponding numbers from the NSLF which were used to identify each SLA are given in Table B-1.

A FORTRAN program was written to combine the two old code designations into the single new one. Whenever one grid square contained SLA's having different area code designators, the largest one was assigned to all SLA's in that grid square.

2. Preparation of New Population Data Tape

A FORTRAN program was written to combine the data on the ARCo tape, the new code designators and the data from OCE New Standard Location File to produce a new tape which contained the 1975 projected population and the area code for each grid square. This involved identifying each grid square with the proper SLA to determine the area code and to update the 1960 population to projected 1975 data. This was done, city-by-city, by attempting first to match the fringe areas with the 1960 population shown for the SLA. Specifically, each SLA having an area code 1 or 2 was located by its grid coordinate and a search made of the grid around that square to find grid squares having a population the same as that of the SLA grid, (± 1) which when added together would give a total equal to the 1960 population of the SLA.

TABLE B-1

Area Code Designations

<u>New Code No.</u>	<u>Type of Area</u>	<u>U/R*</u> <u>Code</u>	<u>CBD*</u> <u>Code</u>
1	<u>Rural Fringe</u> - outside of incorporated places and having a population density less than 1500 persons per sq. mi.	1	0
2	<u>Urban Fringe</u> - outside the city limits of the major city (or cities) of the SMSA but either within an incorporated town or having a population density greater than 1500 persons per sq. mile.	0	0
3	<u>Central City</u> - within the city limits of a major city of the SMSA but not included in the downtown area.	2	0
4	<u>Downtown</u> - an area defined by drawing a circle with center at the center of the Central Business District (CBD) and having a radius equal to 1/4 the radius of circle which contains an area equivalent to the urbanized area of the SMSA.	5	0
5	<u>Central Business District (CBD)</u> - the area within the city which contains the bulk of the wholesale and retail stores.	5	1

*U/R Code is the Urban Rural code and CBD the Central Business District Code assigned by the Census bureau as recorded on the New Standard Location File (NSLF) obtained from the NFSS.

When the proper number of these were found, all were converted to 1975 population by multiplying the 1960 grid values by the ratio 1975/1960 calculated for the SLA they represented. This number was then truncated and a decimal fraction was added to indicate (in tenths) the area code derived as mentioned above. In order to avoid changing any grid square more than once, as each element was converted, it was made negative. All search programs ignored grid squares with negative numbers.

The area codes 4 and 5 had been found to exist normally in combinations of two or more to a single grid coordinate. Therefore, the SLA's with 5's, then those with 4's were distributed next. This was done by locating the grid coordinate designated by the SLA data tape, changing the population to 1975 by the SLA ratio, truncating and adding the area code fraction.

The SLA's with an area code of 3 sometimes covered more than one grid coordinate; therefore, the search was made as described above for area codes 1 and 2. If the test was met, the proper grid squares were changed. If the test was not met, only the grid square located at the same coordinate as the SLA was changed.

Some squares on the rectangular grid are outside the limits of the SMSA and therefore have a zero indicated for the 1960 population. Such squares were not affected by the conversions. Because the data did not always fit the exacting tests imposed, there were a number of grid squares which were not converted. All grid squares which still had a positive value after the previous tests were finished were assumed to belong the area codes 1 or 2. They were updated by multiplying the 1960 population found on the grid by an average ratio calculated

from the data for the whole SMSA. The grid square was then assigned an area code the same as the nearest converted grid square having an area code of either 1 or 2. In case no grid square within 10 squares in any direction was converted, an area code of 1 was assigned. An intermediate check on the data showed that most cities had no square which had to be arbitrarily assigned and the greatest number so assigned was 12. In every case discovered these squares were at the edge of the grid pattern and the rural fringe designation was appropriate. When the updating was completed, all grid values were changed to positive numbers.

Duluth, Minnesota, and Tucson, Arizona, were omitted from the 100 SMSA's on the first run because of the limit of memory space within the computers that were being used. Duluth has 270 rows and 118 columns; Tucson has 122 rows and 262 columns. By eliminating these two, all the rest could be handled by a (178 x 232) matrix. After the initial runs, the program was expanded so that all future programs will include them.

3. Assignment to Shelters

a. The population for the selected city was read from the 1975 Population Data tape and all values on the grid changed to negative. The population was summed by area code at this time.

b. The PV 71-81 shelters were read off the NFSS tape and the number of shelters indicated by each file was added to the population found at the same UTMG coordinates. The numbers of shelters was summed by area code using the code designation found at the grid square to which the shelter was added.

c. The grid was next searched for grid squares having positive values. This would indicate a surplus of shelter spaces over population within the grid where the shelter was located. When a positive value was found, a search routine was performed on the basis of a 15 minute warning time. It was assumed that anyone within the adjacent grid squares could walk to the shelter with 15 minutes warning. An adjacent square is defined as one having either a side or a corner in common with the grid squares being used. For example, suppose the grid around grid square (14,26) has the following:

I/J.	25	26	27
13	-144.	-144.	-502.
14	- 39.	2050.	-551.
15	- 39.	- 39.	-440.

This shows that grid square (14,26) has an excess of 2050 shelter spaces. The search pattern will identify grid square (13,26) as having an excess population (or shortages of shelter) of 144. The number in (13,26) will be increased to zero and the number in (14,26) reduced by the number found in (13,26). This will continue until all the excess shelters have been assigned or until there are no more negative numbers in the adjacent grid squares. In this example, the final result will be:

I/J.	25	26	27
13	-144	0.	-502
14	0.	0.	0.
15	0.	0.	-189.

This search pattern was repeated for each grid where excess shelters exist until all shelters which could be assigned by this test had been accomplished.

d. The number of excess PV shelters (if any), by area code, was obtained by summing the integer portion of all positive numbers remaining in the grid. This number was subtracted from the total number of PV shelters within each area code. From this, the number of people sheltered, the percentage utilization of the PV shelters, and the percentage of the population sheltered were calculated.

e. The grid pattern was stored for further use later.

f. The data for the potential new shelters was read from the cards and added to the grid array as was done for the PV shelters. The new shelters were then summed by area code.

g. A search was performed to assign people to the excess shelters as was done for the PV shelters. The positive values were then summed to obtain excess shelters. The number of excess PV shelters was subtracted from the total excess shelters to obtain the excess new shelters. From these numbers and the total number of new shelter spaces, the number of persons sheltered, the percentage of the population, and the percentage utilization of the new shelters calculated.

h. The 15 minute walk summary was then printed as shown in Figure B-1.

i. The data for the grid array was stored for later use.

j. The grid array was next converted to the pattern stored at the end of the PV shelter 15 minute search.

k. A new search was made on the basis of a 30 minute warning time. It was assumed that anyone in a grid square with a side touching a square adjacent to the shelter could reach the shelter within 30 minutes. For example, suppose the following pattern existed at the beginning of the search:

FIGURE B-1

STATISTICS FOR 15-MINUTE WALKING DISTANCE

WASHINGTON	POPULATION BY AREA CODE					TOTAL
	1	2	3	4	5	
1975 Population	150731	1413612	587195	336767	33804	2522109
FV71-81 Shelters	8381	20185	13049	96400	8381	146396
People in FV Shelters	5580	20185	13049	62451	8381	109646
PCT Total Pop. Sheltered	3.70	1.43	2.22	18.54	24.79	4.35
Surplus FV Spaces	2801	0	0	33949	0	36750
PCT FV Spaces Used	66.58	100.00	100.00	64.78	100.00	74.90
New Spaces Added	58750	126500	120600	362521	126529	776900
People Sheltered New + FV	51805	52981	87713	295105	33804	479037
PCT Total Pop. Sheltered	34.37	3.75	14.94	87.63	100.00	18.99
Surplus New Spaces	12525	93704	27936	172238	101106	407509
PCT New Spaces Used	78.68	25.93	72.77	52.49	20.09	47.55

I/J	11	12	13	14	15
22	-10.	-11.	-11.	-11.	-11.
23	-10.	0.	0.	0.	-149.
24	-15.	0.	1425.	0.	-2050.
25	-15.	0.	0.	0.	-125.
26	-15.	-15.	-15.	-11.	-11.

The search area was limited to the area enclosed in the double lines. Again, the excess shelter was reduced by the amount of unsheltered population until either all excess shelter was assigned or all unsheltered population was assigned. For example, the final array would be:

I/J	11	12	13	14	15
22	-10.	0.	0.	0.	-11.
23	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	-887.
25	0.	0.	0.	0.	-125.
26	-15.	0.	0.	0.	-11.

The excess PV shelters, number of people sheltered, percentage of the population sheltered and the percent utilization of PV shelters were calculated as before.

m. The array was changed to the condition existing after the 15 minute walk with PV shelters and new shelters added. The 30 minute walk data were calculated as described in paragraphs j. and k. above.

n. The 30 minute walk data were printed out as illustrated in Figure B-2.

FIGURE B-1

STATISTICS FOR 30-MINUTE WALKING DISTANCE

People in PV Shelters	8381	20185	13049	96400	8381	146396
PCT Total Pop. Sheltered	5.56	1.43	2.22	28.63	24.79	5.80
Surplus PV Spaces	0	0	0	0	0	0
PCT PV Spaces Used	100.00	100.00	100.00	100.00	100.00	100.00
New Spaces Added	58750	126500	102600	362521	126529	776900
People Sheltered New + PV	65284	95265	115649	308687	33804	618689
PCT Total Pop. Sheltered	43.31	6.74	19.70	91.66	100.00	24.53
Surplus New Spaces	1847	51420	0	168268	83072	304607
PCT New Spaces Used	96.86	59.35	100.00	53.58	34.35	60.79

o. The data for both 15 and 30 minute walks were added to the appropriate summing functions.

p. Steps (a) through (o) were repeated for each city, then the final summary was printed as illustrated in Appendix C.

APPENDIX C

SUMMARY PRINTOUT

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BRIDGEPORT

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	6922	251947	85120	70974	17529	435492
PV71-81 SHELTERS	0	6295	68	453	254	7070
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	6295	68	453	254	7070
PCT TOTAL POP SHELTERED	0.0	2.50	0.08	0.64	1.45	1.62
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	6295	68	453	254	7070
PCT TOTAL POP SHELTERED	0.0	2.50	0.08	0.64	1.45	1.62
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	6295	68	453	254	7070
PCT TOTAL POP SHELTERED	0.0	2.50	0.08	0.64	1.45	1.62
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	6295	68	453	254	7070
PCT TOTAL POP SHELTERED	0.0	2.50	0.08	0.64	1.45	1.62
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

HARTFORD

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	127573	431745	127733	73922	2244	763377
PV 71-31 SHELTERS	810	2889	0	3225	0	6924
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	810	2889	0	3225	0	6924
PCT TOTAL POP SHELTERED	0.64	0.67	0.0	4.35	0.0	0.91
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	810	2889	0	3225	0	6924
PCT TOTAL POP SHELTERED	0.64	0.67	0.0	4.35	0.0	0.91
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	810	2889	0	3225	0	6924
PCT TOTAL POP SHELTERED	0.64	0.67	0.0	4.36	0.0	0.91
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	810	2889	0	3225	0	6924
PCT TOTAL POP SHELTERED	0.64	0.67	0.0	4.35	0.0	0.91
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

NEW HAVEN

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	11329	211461	104999	59353	3407	399599
PV71-91 SHELTERS	0	696	47	439	2386	3567
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	696	47	439	2386	3567
PCT TOTAL POP SHELTERED	0.0	0.33	0.04	0.75	70.03	0.92
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	696	47	439	2386	3567
PCT TOTAL POP SHELTERED	0.0	0.33	0.04	0.75	70.03	0.92
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	696	47	439	2386	3567
PCT TOTAL POP SHELTERED	0.0	0.33	0.04	0.75	70.03	0.92
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	696	47	439	2386	3567
PCT TOTAL POP SHELTERED	0.0	0.33	0.04	0.75	70.03	0.92
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

BOSTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	75157	1899637	556232	224575	38955	2794556
PV71-81 SHELTERS	5154	78371	16711	152646	147839	400771
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2379	60344	15938	127544	38955	234246
PCT TOTAL POP SHELTERED	3.19	3.19	2.87	56.79	100.00	8.38
SURPLUS PV SPACES	2755	18027	773	36036	108934	166525
PCT PV SPACES USED	46.55	77.00	95.37	76.39	26.34	58.45
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2379	60344	15938	116610	38955	234246
PCT TOTAL POP SHELTERED	3.19	3.18	2.87	51.92	100.00	8.38
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5154	78371	16711	171224	38955	301126
PCT TOTAL POP SHELTERED	6.86	4.13	3.00	76.24	100.00	10.78
SURPLUS PV SPACES	0	0	0	0	99645	99645
PCT PV SPACES USED	100.00	100.00	100.00	100.00	28.11	75.14
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	5154	78371	16711	171224	38955	301126
PCT TOTAL POP SHELTERED	6.86	4.13	3.00	76.24	100.00	10.78
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

PROVIDENCE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	129400	501323	229673	79800	10233	949434
PV71-81 SHELTERS	4910	3690	2740	21218	0	34558
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1358	3615	2740	21218	0	28931
PCT TOTAL POP SHELTERED	1.06	0.72	1.19	26.59	0.0	3.05
SURPLUS PV SPACES	5552	75	0	0	0	5627
PCT PV SPACES USED	19.65	97.97	100.00	100.00	100.00	83.72
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1358	3615	2740	21218	0	28931
PCT TOTAL POP SHELTERED	1.06	0.72	1.19	26.59	0.0	3.05
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1773	3690	2740	21218	0	29421
PCT TOTAL POP SHELTERED	1.39	0.74	1.19	26.59	0.0	3.10
SURPLUS PV SPACES	5137	0	0	0	0	5137
PCT PV SPACES USED	25.66	100.00	100.00	100.00	100.00	85.14
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1773	3690	2740	21218	0	29421
PCT TOTAL POP SHELTERED	1.38	0.74	1.19	26.59	0.0	3.10
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

HOLYOKE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	16697	308296	166427	89893	3362	584665
PV71-81 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

WORCESTER

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	130525	181754	128588	64995	4730	510592
PV71-81 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

ALLENTOWN

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	145052	201904	136713	47269	15829	546766
PV71-81 SHELTERS	33988	7889	591	27	225	42620
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4206	5694	591	27	225	10743
PCT TOTAL POP SHELTERED	2.90	2.82	0.43	0.06	1.42	1.96
SURPLUS PV SPACES	29682	2195	0	0	0	31877
PCT PV SPACES USED	12.41	72.18	100.00	100.00	100.00	25.21
NEW SPACES ADDED	5250	750	0	0	0	6000
PEOPLE SHELTERED NEW + PV	9456	6444	591	27	225	16743
PCT TOTAL POP SHELTERED	6.52	3.19	0.43	0.06	1.42	3.06
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	22041	7889	591	27	225	30773
PCT TOTAL POP SHELTERED	15.20	3.91	0.43	0.06	1.42	5.63
SURPLUS PV SPACES	11847	0	0	0	0	11847
PCT PV SPACES USED	65.04	100.00	100.00	100.00	100.00	72.20
NEW SPACES ADDED	5250	750	0	0	0	6000
PEOPLE SHELTERED NEW + PV	27291	8639	591	27	225	36773
PCT TOTAL POP SHELTERED	18.91	4.28	0.43	0.06	1.42	6.73
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

JERSEY CITY

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	0	419719	42391	275247	30493	758850
PV71-91 SHELTERS	0	55115	0	84513	13994	153622
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	55115	0	84513	13994	153622
PCT TOTAL POP SHELTERED	15.20	13.42	0.0	30.70	45.89	20.24
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	12000	0	0	0	12000
PEOPLE SHELTERED NEW + PV	0	66367	0	84513	13994	164874
PCT TOTAL POP SHELTERED	18.91	16.16	0.0	30.70	45.89	21.73
SURPLUS NEW SPACES	0	748	0	0	0	748
PCT NEW SPACES USED	100.00	93.77	100.00	100.00	100.00	93.77
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	55115	0	84513	13994	153622
PCT TOTAL POP SHELTERED	15.20	13.42	0.0	30.70	45.89	20.24
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	12000	0	0	0	12000
PEOPLE SHELTERED NEW + PV	0	67115	0	84513	13994	165622
PCT TOTAL POP SHELTERED	19.91	16.34	0.0	30.70	45.89	21.83
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

NEWARK

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	120023	1698354	77347	355747	7554	2259025
PV71-81 SHELTERS	1712	39439	0	54059	14745	109955
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1697	17576	0	100375	7554	80876
PCT TOTAL POP SHELTERED	1.41	1.03	0.0	28.22	100.00	3.58
SURPLUS PV SPACES	25	21863	0	0	7191	29079
PCT PV SPACES USED	99.54	44.57	100.00	100.00	51.23	73.55
NEW SPACES ADDED	21000	89250	2250	16500	0	129000
PEOPLE SHELTERED NEW + PV	19792	100485	2250	70559	7554	199140
PCT TOTAL POP SHELTERED	16.49	5.92	2.91	19.83	100.00	8.82
SURPLUS NEW SPACES	2895	6341	0	1500	0	10736
PCT NEW SPACES USED	96.21	92.90	100.00	90.91	100.00	91.68
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1712	20439	0	68441	7554	90955
PCT TOTAL POP SHELTERED	1.43	1.20	0.0	19.24	100.00	4.03
SURPLUS PV SPACES	0	19000	0	0	0	19000
PCT PV SPACES USED	100.00	51.82	100.00	100.00	100.00	82.72
NEW SPACES ADDED	21000	89250	2250	16500	0	129000
PEOPLE SHELTERED NEW + PV	21909	108189	2250	77750	7554	217652
PCT TOTAL POP SHELTERED	18.25	6.37	2.91	21.86	100.00	9.63
SURPLUS NEW SPACES	803	1500	0	0	0	2303
PCT NEW SPACES USED	96.18	98.32	100.00	100.00	100.00	98.21

PATERSON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	11553	1356902	37030	192484	6294	1604343
PV71-81 SHELTERS	0	8466	104	123	0	8693
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	8466	104	123	0	8693
PCT TOTAL POP SHELTERED	0.0	0.62	0.28	0.06	0.0	0.54
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	21750	0	3750	0	25500
PEOPLE SHELTERED NEW + PV	0	22609	104	3873	0	26586
PCT TOTAL POP SHELTERED	0.0	1.67	0.28	2.01	0.0	1.66
SURPLUS NEW SPACES	0	7607	0	0	0	7607
PCT NEW SPACES USED	100.00	65.03	100.00	100.00	100.00	70.17
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	8466	104	123	0	8693
PCT TOTAL POP SHELTERED	0.0	0.62	0.28	0.06	0.0	0.54
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	21750	0	3750	0	25500
PEOPLE SHELTERED NEW + PV	0	30216	104	3873	0	34193
PCT TOTAL POP SHELTERED	0.0	2.23	0.28	2.01	0.0	2.13
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

PHILADELPHIA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	512153	2625721	1279401	663920	24447	5111542
PV71-81 SHELTERS	7589	50946	81328	221976	138469	500309
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5497	52678	79384	333679	24447	381982
PCT TOTAL POP SHELTERED	1.06	1.93	6.20	50.27	100.00	7.47
SURPLUS PV SPACES	2042	268	1244	0	114022	118326
PCT PV SPACES USED	72.43	69.47	97.61	100.00	17.66	76.35
NEW SPACES ADDED	129750	150250	30750	69335	7815	387900
PEOPLE SHELTERED NEW + PV	70629	182998	107566	292630	24447	677440
PCT TOTAL POP SHELTERED	13.83	7.00	8.41	44.08	100.00	13.25
SURPLUS NEW SPACES	64608	17030	2566	421	7815	92442
PCT NEW SPACES USED	50.21	83.67	91.65	99.39	0.0	76.17
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	7589	50946	81328	301996	24447	426296
PCT TOTAL POP SHELTERED	1.46	1.94	6.36	45.49	100.00	8.34
SURPLUS PV SPACES	0	0	0	0	74012	74012
PCT PV SPACES USED	100.00	100.00	100.00	100.00	24.83	85.21
NEW SPACES ADDED	129750	150250	30750	69335	7815	387900
PEOPLE SHELTERED NEW + PV	132103	201196	111010	331321	24447	800077
PCT TOTAL POP SHELTERED	25.49	7.66	8.68	49.91	100.00	15.65
SURPLUS NEW SPACES	5226	0	1068	0	7815	14119
PCT NEW SPACES USED	95.56	100.00	96.53	100.00	0.0	96.36

TRENTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	43851	181737	59823	50467	8269	344147
PV71-81 SHELTERS	0	604	0	0	7370	7974
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	604	0	0	7370	7974
PCT TOTAL POP SHELTERED	0.0	0.33	0.0	0.0	89.13	2.32
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	604	0	0	7370	7974
PCT TOTAL POP SHELTERED	0.0	0.33	0.0	0.0	89.13	2.32
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	604	0	0	7370	7974
PCT TOTAL POP SHELTERED	0.0	0.33	0.0	0.0	89.13	2.32
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	604	0	0	7370	7974
PCT TOTAL POP SHELTERED	0.0	0.33	0.0	0.0	89.13	2.32
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

WILMINGTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	62955	330632	32207	60607	6137	492538
PV71-81 SHELTERS	4837	3393	0	0	0	8230
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	219	3393	0	0	0	3612
PCT TOTAL POP SHELTERED	0.35	1.03	0.0	0.0	0.0	0.73
SURPLUS PV SPACES	4618	0	0	0	0	4618
PCT PV SPACES USED	4.53	100.00	100.00	100.00	100.00	43.89
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	219	3393	0	0	0	3612
PCT TOTAL POP SHELTERED	0.35	1.03	0.0	0.0	0.0	0.73
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4837	3393	0	0	0	8230
PCT TOTAL POP SHELTERED	7.68	1.03	0.0	0.0	0.0	1.67
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	4837	3393	0	0	0	8230
PCT TOTAL POP SHELTERED	7.68	1.03	0.0	0.0	0.0	1.67
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

ALBANY

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	159060	334836	255992	31531	16504	797923
PV71-81 SHELTERS	177	4339	144	0	1103	5763
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	177	4078	144	0	1103	5502
PCT TOTAL POP SHELTERED	0.11	1.22	0.06	0.0	6.68	0.69
SURPLUS PV SPACES	0	261	0	0	0	261
PCT PV SPACES USED	100.00	93.98	100.00	100.00	100.00	95.47
NEW SPACES ADDED	31500	45750	18400	13900	12400	121950
PEOPLE SHELTERED NEW + PV	10159	46163	18544	13900	13503	102269
PCT TOTAL POP SHELTERED	6.39	13.79	7.24	44.08	81.82	12.82
SURPLUS NEW SPACES	21518	3665	0	0	0	25183
PCT NEW SPACES USED	31.69	91.99	100.00	100.00	100.00	79.35
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	177	4339	144	0	1103	5763
PCT TOTAL POP SHELTERED	0.11	1.30	0.06	0.0	6.68	0.72
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	31500	45750	18400	13900	12400	121950
PEOPLE SHELTERED NEW + PV	23085	47008	18544	13900	13503	116040
PCT TOTAL POP SHELTERED	14.51	14.04	7.24	44.08	81.82	14.54
SURPLUS NEW SPACES	8592	3081	0	0	0	11673
PCT NEW SPACES USED	72.72	93.27	100.00	100.00	100.00	90.43

BUFFALO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	151688	795396	504133	60331	36953	1548501
PV71-81 SHELTERS	24090	77947	9881	428	154	112500
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	3698	15637	9881	428	154	29798
PCT TOTAL POP SHELTERED	2.44	1.97	1.96	0.71	0.42	1.92
SURPLUS PV SPACES	20392	62310	0	0	0	82702
PCT PV SPACES USED	15.35	20.06	100.00	100.00	100.00	26.49
NEW SPACES ADDED	30000	118500	30750	4500	3750	187500
PEOPLE SHELTERED NEW + PV	20847	106918	40631	4928	3904	177228
PCT TOTAL POP SHELTERED	13.74	13.44	8.06	8.17	10.56	11.45
SURPLUS NEW SPACES	12851	27219	0	0	0	40070
PCT NEW SPACES USED	57.16	77.03	100.00	100.00	100.00	78.63
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	7517	42476	9881	428	154	60456
PCT TOTAL POP SHELTERED	4.96	5.34	1.96	0.71	0.42	3.90
SURPLUS PV SPACES	16573	35471	0	0	0	52044
PCT PV SPACES USED	31.20	54.49	100.00	100.00	100.00	53.74
NEW SPACES ADDED	30000	118500	30750	4500	3750	187500
PEOPLE SHELTERED NEW + PV	33495	122192	40631	4928	3904	205150
PCT TOTAL POP SHELTERED	22.08	15.36	8.06	8.17	10.56	13.25
SURPLUS NEW SPACES	4022	38784	0	0	0	42806
PCT NEW SPACES USED	86.59	67.27	100.00	100.00	100.00	77.17

NEW YORK

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	256751	3585292	4738672	2343667	960776	11985158
PV71-81 SHELTERS	20327	63029	462936	1007399	1374304	2927985
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	10018	48051	458636	776453	806022	2099180
PCT TOTAL POP SHELTERED	3.90	1.34	9.68	33.13	83.89	17.66
SURPLUS PV SPACES	10309	14978	4300	230936	568282	828805
PCT PV SPACES USED	49.28	76.24	99.07	77.08	58.65	71.69
NEW SPACES ADDED	16700	0	91500	83250	34250	225700
PEOPLE SHELTERED NEW + PV	26718	48051	550136	847203	812322	2284430
PCT TOTAL POP SHELTERED	10.41	1.34	11.61	36.15	84.55	19.22
SURPLUS NEW SPACES	0	0	0	12500	27950	40450
PCT NEW SPACES USED	100.00	100.00	100.00	84.98	18.39	82.08
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	13145	63029	462936	807472	853129	2199711
PCT TOTAL POP SHELTERED	5.12	1.76	9.77	34.45	88.80	18.51
SURPLUS PV SPACES	7182	0	0	199917	521175	728274
PCT PV SPACES USED	64.67	100.00	100.00	80.15	62.08	75.13
NEW SPACES ADDED	16700	0	91500	83250	34250	225700
PEOPLE SHELTERED NEW + PV	29845	63029	554436	869979	866179	2383468
PCT TOTAL POP SHELTERED	11.62	1.76	11.70	37.12	90.15	20.05
SURPLUS NEW SPACES	0	0	0	20743	21200	41943
PCT NEW SPACES USED	100.00	100.00	100.00	75.08	38.10	81.42

ROCHESTER

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	72416	310555	219622	98580	12020	713193
PV71-81 SHELTERS	2000	3034	419	12315	12020	29788
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	590	3034	419	23955	12020	28378
PCT TOTAL POP SHELTERED	0.81	0.98	0.19	24.30	100.00	3.98
SURPLUS PV SPACES	1410	0	0	0	0	1410
PCT PV SPACES USED	29.50	100.00	100.00	100.00	100.00	95.27
NEW SPACES ADDED	32250	61500	21000	1500	0	116250
PEOPLE SHELTERED NEW + PV	15294	52540	21419	13815	12020	115088
PCT TOTAL POP SHELTERED	21.12	16.92	9.75	14.01	100.00	16.14
SURPLUS NEW SPACES	17546	11994	0	0	0	29540
PCT NEW SPACES USED	45.59	80.50	100.00	100.00	100.00	74.59
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2000	3034	419	12315	12020	29788
PCT TOTAL POP SHELTERED	2.76	0.98	0.19	12.49	100.00	4.18
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	32250	61500	21000	1500	0	116250
PEOPLE SHELTERED NEW + PV	25558	62479	21419	13815	12020	135291
PCT TOTAL POP SHELTERED	35.29	20.12	9.75	14.01	100.00	18.97
SURPLUS NEW SPACES	8692	2055	0	0	0	10747
PCT NEW SPACES USED	73.05	96.66	100.00	100.00	100.00	90.76

SYRACUSE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	163721	312580	152792	69143	6714	724950
PV71-81 SHELTERS	192	2865	4048	15508	6714	29327
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	192	2865	4048	30944	6714	29327
PCT TOTAL POP SHELTERED	0.10	0.92	2.65	44.75	100.00	4.05
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	750	26250	6750	0	0	33750
PEOPLE SHELTERED NEW + PV	942	27792	10798	15508	6714	61754
PCT TOTAL POP SHELTERED	0.51	8.89	7.07	22.43	100.00	8.52
SURPLUS NEW SPACES	0	1323	0	0	0	1323
PCT NEW SPACES USED	100.00	94.96	100.00	100.00	100.00	96.08
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	192	2865	4048	15508	6714	29327
PCT TOTAL POP SHELTERED	0.10	0.92	2.65	22.43	100.00	4.05
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	750	26250	6750	0	0	33750
PEOPLE SHELTERED NEW + PV	942	29115	10798	15508	6714	63077
PCT TOTAL POP SHELTERED	0.51	9.31	7.07	22.43	100.00	8.70
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

UTICA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	134275	138360	92235	39148	8383	412361
PV71-81 SHELTERS	720	1886	1569	301	1569	6045
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	720	1886	1569	301	1569	6045
PCT TOTAL POP SHELTERED	0.54	1.36	1.70	0.77	18.72	1.47
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	720	1886	1569	301	1569	6045
PCT TOTAL POP SHELTERED	0.54	1.36	1.70	0.77	18.72	1.47
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	720	1886	1569	301	1569	6045
PCT TOTAL POP SHELTERED	0.54	1.36	1.70	0.77	18.72	1.47
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	720	1886	1569	301	1569	6045
PCT TOTAL POP SHELTERED	0.54	1.36	1.70	0.77	18.72	1.47
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

WASHINGTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	150731	1413612	587195	336767	33804	2522109
PV71-81 SHELTERS	8381	20185	13049	96400	8381	146396
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5580	20185	13049	62451	8381	109646
PCT TOTAL POP SHELTERED	3.70	1.43	2.22	18.54	24.79	4.35
SURPLUS PV SPACES	2801	0	0	33949	0	36750
PCT PV SPACES USED	66.53	100.00	100.00	64.78	100.00	74.90
NEW SPACES ADDED	58750	126500	102600	362521	126529	776900
PEOPLE SHELTERED NEW + PV	51805	52981	87713	295105	33804	479037
PCT TOTAL POP SHELTERED	34.37	3.75	14.94	87.63	100.00	18.99
SURPLUS NEW SPACES	12525	93704	27936	172238	101106	407509
PCT NEW SPACES USED	78.68	25.93	72.77	52.49	20.09	47.55
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	8381	20185	13049	96400	8381	146396
PCT TOTAL POP SHELTERED	5.56	1.43	2.22	28.63	24.79	5.90
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	58750	126500	102600	362521	126529	776900
PEOPLE SHELTERED NEW + PV	65284	95265	115649	308697	33804	618689
PCT TOTAL POP SHELTERED	43.31	6.74	19.70	91.66	100.00	24.53
SURPLUS NEW SPACES	1847	51420	0	168269	83072	304607
PCT NEW SPACES USED	96.86	59.35	100.00	53.58	34.35	60.79

CINCINNATI

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	86500	451764	452333	138615	2853	1132065
PV71-81 SHELTERS	0	1305	1896	65257	2853	71311
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1305	1896	82304	2853	71311
PCT TOTAL POP SHELTERED	0.0	0.29	0.42	59.38	100.00	6.30
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1305	1896	65257	2853	71311
PCT TOTAL POP SHELTERED	0.0	0.29	0.42	47.08	100.00	6.30
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1305	1896	65257	2853	71311
PCT TOTAL POP SHELTERED	0.0	0.29	0.42	47.08	100.00	6.30
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1305	1896	65257	2853	71311
PCT TOTAL POP SHELTERED	0.0	0.29	0.42	47.08	100.00	6.30
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

HUNTINGTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	90000	86640	105144	0	0	281874
PV71-81 SHELTERS	200	13204	67	0	0	13471
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	200	2313	67	0	0	2580
PCT TOTAL POP SHELTERED	0.22	2.67	0.06	47.08	100.00	0.92
SURPLUS PV SPACES	0	10891	0	0	0	10891
PCT PV SPACES USED	100.00	17.52	100.00	100.00	100.00	19.15
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	200	2313	67	0	0	2580
PCT TOTAL POP SHELTERED	0.22	2.67	0.06	47.08	100.00	0.92
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	200	11202	67	0	0	11469
PCT TOTAL POP SHELTERED	0.22	12.93	0.06	47.08	100.00	4.07
SURPLUS PV SPACES	0	2002	0	0	0	2002
PCT PV SPACES USED	100.00	84.84	100.00	100.00	100.00	85.14
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	200	11202	67	0	0	11469
PCT TOTAL POP SHELTERED	0.22	12.93	0.06	47.08	100.00	4.07
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

LOUISVILLE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	157334	474146	352001	24523	6966	1014970
PV71-91 SHELTERS	5332	3078	132982	0	620	142012
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	653	3078	15203	0	620	19554
PCT TOTAL POP SHELTERED	0.42	0.65	4.32	0.0	8.90	1.93
SURPLUS PV SPACES	4679	0	117779	0	0	122458
PCT PV SPACES USED	12.25	100.00	11.43	100.00	100.00	13.77
NEW SPACES ADDED	30750	129750	73500	19450	8300	261750
PEOPLE SHELTERED NEW + PV	19533	96714	86081	21650	6966	228744
PCT TOTAL POP SHELTERED	12.41	20.43	24.45	88.28	100.00	22.54
SURPLUS NEW SPACES	11870	36114	2622	0	1954	52560
PCT NEW SPACES USED	61.40	72.17	96.43	100.00	76.46	79.92
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2196	3078	132982	0	620	138876
PCT TOTAL POP SHELTERED	1.40	0.65	37.78	0.0	8.90	13.68
SURPLUS PV SPACES	3136	0	0	0	0	3136
PCT PV SPACES USED	41.19	100.00	100.00	100.00	100.00	97.79
NEW SPACES ADDED	30750	129750	73500	19450	8300	261750
PEOPLE SHELTERED NEW + PV	23423	120909	162785	21404	6966	335487
PCT TOTAL POP SHELTERED	14.89	25.50	46.25	87.28	100.00	33.05
SURPLUS NEW SPACES	9523	11919	43697	0	0	65139
PCT NEW SPACES USED	69.03	90.81	40.55	100.00	100.00	75.11

BALTIMORE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	338801	848724	642477	353933	1016	2184951
PV71-81 SHELTERS	15816	6802	21684	76141	1016	121459
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	7628	5237	21684	92485	1016	111766
PCT TOTAL POP SHELTERED	2.27	0.62	3.38	26.13	100.00	5.12
SURPLUS PV SPACES	8129	1565	0	0	0	9693
PCT PV SPACES USED	48.61	76.99	100.00	100.00	100.00	92.02
NEW SPACES ADDED	99250	59750	20000	0	0	179000
PEOPLE SHELTERED NEW + PV	60347	46365	5440	76141	1016	189309
PCT TOTAL POP SHELTERED	17.81	5.46	0.85	21.51	100.00	8.66
SURPLUS NEW SPACES	46591	18622	36244	0	0	101457
PCT NEW SPACES USED	53.06	68.83	-81.22	100.00	100.00	43.32
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	10789	6802	21684	76141	1016	116432
PCT TOTAL POP SHELTERED	3.18	0.80	3.38	21.51	100.00	5.33
SURPLUS PV SPACES	5027	0	0	0	0	5027
PCT PV SPACES USED	68.22	100.00	100.00	100.00	100.00	95.86
NEW SPACES ADDED	99250	59750	20000	0	0	179000
PEOPLE SHELTERED NEW + PV	94239	65167	41684	76141	1016	279247
PCT TOTAL POP SHELTERED	27.82	7.80	6.49	21.51	100.00	12.78
SURPLUS NEW SPACES	15800	385	0	0	0	16185
PCT NEW SPACES USED	84.08	99.36	100.00	100.00	100.00	90.96

AKRON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	55414	254984	218071	63629	2784	594882
PV71-81 SHELTERS	526	400	223	2312	1237	4698
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	526	400	223	2312	1237	4698
PCT TOTAL POP SHELTERED	0.95	0.16	0.10	3.63	44.43	0.79
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	526	400	223	2312	1237	4698
PCT TOTAL POP SHELTERED	0.95	0.16	0.10	3.63	44.43	0.79
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	526	400	223	2312	1237	4698
PCT TOTAL POP SHELTERED	0.95	0.16	0.10	3.63	44.43	0.79
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	526	400	223	2312	1237	4698
PCT TOTAL POP SHELTERED	0.95	0.16	0.10	3.63	44.43	0.79
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

CANTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	66303	149677	125421	350	176	340927
PV71-81 SHELTERS	7636	711	53	0	80	8480
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	698	711	53	0	80	1542
PCT TOTAL POP SHELTERED	1.05	0.48	0.04	0.0	45.45	0.45
SURPLUS PV SPACES	6938	0	0	0	0	6938
PCT PV SPACES USED	9.14	100.00	100.00	100.00	100.00	18.18
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	698	711	53	0	80	1542
PCT TOTAL POP SHELTERED	1.05	0.48	0.04	0.0	45.45	0.45
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	7636	711	53	0	80	8480
PCT TOTAL POP SHELTERED	11.52	0.48	0.04	0.0	45.45	2.49
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	7636	711	53	0	80	8480
PCT TOTAL POP SHELTERED	11.52	0.48	0.04	0.0	45.45	2.49
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

CLEVELAND

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	29838	976071	704889	326938	10692	2048428
PV71-81 SHELTERS	0	4804	11114	45614	0	61532
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	4804	11114	9763	0	25681
PCT TOTAL POP SHELTERED	0.0	0.49	1.58	2.99	0.0	1.25
SURPLUS PV SPACES	0	0	0	35851	0	35851
PCT PV SPACES USED	100.00	100.00	100.00	21.40	100.00	41.74
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	4804	11114	9763	0	25681
PCT TOTAL POP SHELTERED	0.0	0.49	1.58	2.99	0.0	1.25
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	4804	11114	31848	0	47766
PCT TOTAL POP SHELTERED	0.0	0.49	1.58	9.74	0.0	2.33
SURPLUS PV SPACES	0	0	0	13766	0	13766
PCT PV SPACES USED	100.00	100.00	100.00	69.82	100.00	77.63
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	4804	11114	31848	0	47766
PCT TOTAL POP SHELTERED	0.0	0.49	1.58	9.74	0.0	2.33
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

COLUMBUS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	39540	294741	413756	79256	22402	849695
PV71-81 SHELTERS	0	4582	476	15106	22402	42566
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	4582	476	29272	22402	42566
PCT TOTAL POP SHELTERED	0.0	1.55	0.12	36.93	100.00	5.01
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	4582	476	15106	22402	42566
PCT TOTAL POP SHELTERED	0.0	1.55	0.12	19.06	100.00	5.01
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	4582	476	15106	22402	42566
PCT TOTAL POP SHELTERED	0.0	1.55	0.12	19.06	100.00	5.01
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	4582	476	15106	22402	42566
PCT TOTAL POP SHELTERED	0.0	1.55	0.12	19.06	100.00	5.01
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

DAYTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	110810	402143	213700	72559	10366	809578
PV71-91 SHELTERS	37	7568	3255	1030	1757	13647
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	37	7568	3255	1030	1757	13647
PCT TOTAL POP SHELTERED	0.03	1.88	1.52	1.42	16.95	1.69
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	37	7568	3255	1030	1757	13647
PCT TOTAL POP SHELTERED	0.03	1.88	1.52	1.42	16.95	1.69
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	37	7568	3255	1030	1757	13647
PCT TOTAL POP SHELTERED	0.03	1.88	1.52	1.42	16.95	1.69
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	37	7568	3255	1030	1757	13647
PCT TOTAL POP SHELTERED	0.03	1.88	1.52	1.42	16.95	1.69
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

TOLEDO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	28491	129955	243407	87811	3082	492646
PV71-81 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

YOUNGSTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	116519	269037	178876	47018	1185	613535
PV71-31 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

HARRISBURG

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	75438	229837	53722	27719	0	386715
PV71-81 SHELTERS	386	18797	889	0	0	20072
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	354	2914	889	0	0	4157
PCT TOTAL POP SHELTERED	0.47	1.27	1.65	0.0	0.0	1.07
SURPLUS PV SPACES	32	15883	0	0	0	15915
PCT PV SPACES USED	91.71	15.50	100.00	100.00	100.00	20.71
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	354	2914	889	0	0	4157
PCT TOTAL POP SHELTERED	0.47	1.27	1.65	0.0	0.0	1.07
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	386	18200	889	0	0	19475
PCT TOTAL POP SHELTERED	0.51	7.92	1.65	0.0	0.0	5.04
SURPLUS PV SPACES	0	597	0	0	0	597
PCT PV SPACES USED	100.00	96.82	100.00	100.00	100.00	97.03
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	386	18200	889	0	0	19475
PCT TOTAL POP SHELTERED	0.51	7.92	1.65	0.0	0.0	5.04
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

JOHNSTOWN

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	139990	98519	26247	10499	5561	280816
PV71-81 SHELTERS	14645	0	591	0	0	15236
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1082	0	591	0	0	1673
PCT TOTAL POP SHELTERED	0.77	0.0	2.25	0.0	0.0	0.60
SURPLUS PV SPACES	13563	0	0	0	0	13563
PCT PV SPACES USED	7.39	100.00	100.00	100.00	100.00	10.98
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1082	0	591	0	0	1673
PCT TOTAL POP SHELTERED	0.77	0.0	2.25	0.0	0.0	0.60
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5041	0	591	0	0	5632
PCT TOTAL POP SHELTERED	3.60	0.0	2.25	0.0	0.0	2.01
SURPLUS PV SPACES	9604	0	0	0	0	9604
PCT PV SPACES USED	34.42	100.00	100.00	100.00	100.00	36.97
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	5041	0	591	0	0	5632
PCT TOTAL POP SHELTERED	3.60	0.0	2.25	0.0	0.0	2.01
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

LANCASTER

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	132465	103177	65829	0	0	301471
PV71-81 SHELTERS	2039	2068	340	0	0	4446
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	823	2068	340	0	0	3231
PCT TOTAL POP SHELTERED	0.62	2.00	0.52	0.0	0.0	1.07
SURPLUS PV SPACES	1215	0	0	0	0	1215
PCT PV SPACES USED	40.38	100.00	100.00	100.00	100.00	72.67
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	823	2068	340	0	0	3231
PCT TOTAL POP SHELTERED	0.62	2.00	0.52	0.0	0.0	1.07
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1924	2068	340	0	0	4332
PCT TOTAL POP SHELTERED	1.45	2.00	0.52	0.0	0.0	1.44
SURPLUS PV SPACES	114	0	0	0	0	114
PCT PV SPACES USED	94.41	100.00	100.00	100.00	100.00	97.44
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1924	2068	340	0	0	4332
PCT TOTAL POP SHELTERED	1.45	2.00	0.52	0.0	0.0	1.44
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

PITTSBURGH

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	390103	1454150	421208	345333	2027	2612821
PV71-P1 SHELTERS	21045	238937	43305	125665	2027	430979
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	3240	28423	43305	120690	2027	180518
PCT TOTAL POP SHELTERED	0.83	1.95	10.28	34.95	100.00	6.91
SURPLUS PV SPACES	17805	210514	0	22142	0	250461
PCT PV SPACES USED	15.40	11.90	100.00	82.38	100.00	41.89
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	3240	28423	43305	103523	2027	180518
PCT TOTAL POP SHELTERED	0.83	1.95	10.28	29.98	100.00	6.91
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	21045	77878	43305	125665	2027	269920
PCT TOTAL POP SHELTERED	5.39	5.36	10.28	36.39	100.00	10.33
SURPLUS PV SPACES	0	161059	0	0	0	161059
PCT PV SPACES USED	100.00	32.59	100.00	100.00	100.00	62.63
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	21045	77878	43305	125665	2027	269920
PCT TOTAL POP SHELTERED	5.39	5.36	10.28	36.39	100.00	10.33
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

READING

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	83317	94123	73053	30031	6434	286958
PV71-81 SHELTERS	6272	1192	1982	409	0	9855
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2024	1192	1982	409	0	5607
PCT TOTAL POP SHELTERED	2.43	1.27	2.71	1.36	0.0	1.95
SURPLUS PV SPACES	4248	0	0	0	0	4248
PCT PV SPACES USED	32.27	100.00	100.00	100.00	100.00	56.89
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2024	1192	1982	409	0	5607
PCT TOTAL POP SHELTERED	2.43	1.27	2.71	1.36	0.0	1.95
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4609	1192	1982	409	0	8192
PCT TOTAL POP SHELTERED	5.53	1.27	2.71	1.36	0.0	2.85
SURPLUS PV SPACES	1663	0	0	0	0	1663
PCT PV SPACES USED	73.49	100.00	100.00	100.00	100.00	83.13
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	4609	1192	1982	409	0	8192
PCT TOTAL POP SHELTERED	5.53	1.27	2.71	1.36	0.0	2.85
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

WILKES BARRE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	45604	202642	59947	42300	0	350493
PV71-81 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

NORFOLK

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	70139	294861	368405	54118	1791	798334
PV71-81 SHELTERS	7713	16631	13783	8299	600	47026
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	3112	8619	11949	8299	600	32579
PCT TOTAL POP SHELTERED	3.93	2.92	3.24	15.34	33.50	4.08
SURPLUS PV SPACES	4601	8012	1834	0	0	14447
PCT PV SPACES USED	40.35	51.82	86.69	100.00	100.00	69.28
NEW SPACES ADDED	0	750	4500	2250	0	7500
PEOPLE SHELTERED NEW + PV	3112	9369	16449	10549	600	40079
PCT TOTAL POP SHELTERED	3.93	3.13	4.46	19.49	33.50	5.02
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4817	16631	13783	8299	600	44130
PCT TOTAL POP SHELTERED	6.09	5.64	3.74	15.34	33.50	5.53
SURPLUS PV SPACES	2896	0	0	0	0	2896
PCT PV SPACES USED	62.45	100.00	100.00	100.00	100.00	93.84
NEW SPACES ADDED	0	750	4500	2250	0	7500
PEOPLE SHELTERED NEW + PV	4817	17381	18283	10549	600	51630
PCT TOTAL POP SHELTERED	6.09	5.89	4.96	19.49	33.50	6.47
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

RICHMOND

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	46494	239772	163578	41354	22032	513230
PV71-81 SHELTERS	0	635	0	0	0	635
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	635	0	0	0	635
PCT TOTAL POP SHELTERED	0.0	0.26	0.0	0.0	0.0	0.12
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	635	0	0	0	635
PCT TOTAL POP SHELTERED	0.0	0.26	0.0	0.0	0.0	0.12
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	635	0	0	0	635
PCT TOTAL POP SHELTERED	0.0	0.26	0.0	0.0	0.0	0.12
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	635	0	0	0	635
PCT TOTAL POP SHELTERED	0.0	0.26	0.0	0.0	0.0	0.12
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

CHARLESTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	24814	157526	71243	0	0	253583
PV71-81 SHELTERS	0	52919	0	0	0	52919
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1309	0	0	0	1309
PCT TOTAL POP SHELTERED	0.0	0.83	0.0	0.0	0.0	0.52
SURPLUS PV SPACES	0	51610	0	0	0	51610
PCT PV SPACES USED	100.00	2.47	100.00	100.00	100.00	2.47
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1309	0	0	0	1309
PCT TOTAL POP SHELTERED	0.0	0.83	0.0	0.0	0.0	0.52
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	15813	0	0	0	15813
PCT TOTAL POP SHELTERED	0.0	10.04	0.0	0.0	0.0	6.24
SURPLUS PV SPACES	0	37106	0	0	0	37106
PCT PV SPACES USED	100.00	29.88	100.00	100.00	100.00	29.88
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	15813	0	0	0	15813
PCT TOTAL POP SHELTERED	0.0	10.04	0.0	0.0	0.0	6.24
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

BIRMINGHAM

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	81388	447997	220187	44282	12725	806579
PV71-91 SHELTERS	39832	32192	2881	1800	1171	77876
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1321	7976	2881	1800	1171	15149
PCT TOTAL POP SHELTERED	1.62	1.78	1.31	4.06	9.20	1.88
SURPLUS PV SPACES	38511	24216	0	0	0	62727
PCT PV SPACES USED	3.32	24.78	100.00	100.00	100.00	19.45
NEW SPACES ADDED	27000	54750	30750	14250	3000	129750
PEOPLE SHELTERED NEW + PV	15107	46794	33631	16050	4171	115753
PCT TOTAL POP SHELTERED	18.56	10.45	15.27	36.24	32.78	14.35
SURPLUS NEW SPACES	13214	15932	0	0	0	29146
PCT NEW SPACES USED	51.06	70.90	100.00	100.00	100.00	77.54
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	13489	23663	2881	1800	1171	43004
PCT TOTAL POP SHELTERED	16.57	5.28	1.31	4.06	9.20	5.33
SURPLUS PV SPACES	26343	8529	0	0	0	34872
PCT PV SPACES USED	33.86	73.51	100.00	100.00	100.00	55.22
NEW SPACES ADDED	27000	54750	30750	14250	3000	129750
PEOPLE SHELTERED NEW + PV	36340	74239	33631	16050	4171	164431
PCT TOTAL POP SHELTERED	44.65	16.57	15.27	36.24	32.78	20.39
SURPLUS NEW SPACES	4149	4174	0	0	0	8323
PCT NEW SPACES USED	84.63	92.38	100.00	100.00	100.00	93.59

MOBILE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	91860	182676	129734	20309	3425	428004
PV71-8' SHELTERS	4130	0	0	8317	0	12447
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	963	0	0	8317	0	9280
PCT TOTAL POP SHELTERED	1.05	0.0	0.0	40.95	0.0	2.17
SURPLUS PV SPACES	3167	0	0	0	0	3167
PCT PV SPACES USED	23.32	100.00	100.00	100.00	100.00	74.56
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	963	0	0	8317	0	9280
PCT TOTAL POP SHELTERED	1.05	0.0	0.0	40.95	0.0	2.17
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2754	0	0	8317	0	11071
PCT TOTAL POP SHELTERED	3.00	0.0	0.0	40.95	0.0	2.59
SURPLUS PV SPACES	1376	0	0	0	0	1376
PCT PV SPACES USED	66.68	100.00	100.00	100.00	100.00	88.95
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2754	0	0	8317	0	11071
PCT TOTAL POP SHELTERED	3.00	0.0	0.0	40.95	0.0	2.59
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

FT. LAUDERDALE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	147591	381721	67807	44518	18449	660086
PV71-81 SHELTERS	0	1440	0	0	0	1440
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1440	0	0	0	1440
PCT TOTAL POP SHELTERED	0.0	0.38	0.0	0.0	0.0	0.22
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1440	0	0	0	1440
PCT TOTAL POP SHELTERED	0.0	0.38	0.0	0.0	0.0	0.22
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1440	0	0	0	1440
PCT TOTAL POP SHELTERED	0.0	0.38	0.0	0.0	0.0	0.22
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1440	0	0	0	1440
PCT TOTAL POP SHELTERED	0.0	0.38	0.0	0.0	0.0	0.22
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

JACKSONVILLE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	59407	473785	141457	53170	12108	739927
PV71-81 SHELTERS	96	0	153	505	61	815
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	96	0	153	505	61	815
PCT TOTAL POP SHELTERED	0.16	0.0	0.11	0.95	0.50	0.11
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	96	0	153	505	61	815
PCT TOTAL POP SHELTERED	0.16	0.0	0.11	0.95	0.50	0.11
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	96	0	153	505	61	815
PCT TOTAL POP SHELTERED	0.16	0.0	0.11	0.95	0.50	0.11
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	96	0	153	505	61	815
PCT TOTAL POP SHELTERED	0.16	0.0	0.11	0.95	0.50	0.11
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

MIAMI

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	40509	1069519	330243	33148	8936	1482355
PV71-81 SHELTERS	0	1147	340	0	0	1487
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	859	340	0	0	1199
PCT TOTAL POP SHELTERED	0.0	0.08	0.10	0.0	0.0	0.08
SURPLUS PV SPACES	0	288	0	0	0	288
PCT PV SPACES USED	100.00	74.89	100.00	100.00	100.00	80.63
NEW SPACES ADDED	65197	171053	72750	20314	8936	338250
PEOPLE SHELTERED NEW + PV	40509	163621	67608	26378	8936	300935
PCT TOTAL POP SHELTERED	100.00	15.30	20.47	79.58	100.00	20.30
SURPLUS NEW SPACES	24688	8344	5482	0	0	38514
PCT NEW SPACES USED	62.13	95.12	92.46	100.00	100.00	88.61
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1147	340	0	0	1487
PCT TOTAL POP SHELTERED	0.0	0.11	0.10	0.0	0.0	0.10
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	65197	171053	72750	20314	8936	338250
PEOPLE SHELTERED NEW + PV	40509	181024	73090	20314	8936	323873
PCT TOTAL POP SHELTERED	100.00	16.93	22.13	61.28	100.00	21.85
SURPLUS NEW SPACES	12448	3416	0	0	0	15864
PCT NEW SPACES USED	80.91	98.00	100.00	100.00	100.00	95.31

ORLANDO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	97236	280224	90840	10628	7134	486062
PV71-91 SHELTERS	188	3904	0	120	0	4212
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	188	770	0	120	0	1078
PCT TOTAL POP SHELTERED	0.19	0.27	0.0	1.13	0.0	0.22
SURPLUS PV SPACES	0	3134	0	0	0	3134
PCT PV SPACES USED	100.00	19.72	100.00	100.00	100.00	25.59
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	188	770	0	120	0	1078
PCT TOTAL POP SHELTERED	0.19	0.27	0.0	1.13	0.0	0.22
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	188	1934	0	120	0	2242
PCT TOTAL POP SHELTERED	0.19	0.69	0.0	1.13	0.0	0.46
SURPLUS PV SPACES	0	1970	0	0	0	1970
PCT PV SPACES USED	100.00	49.54	100.00	100.00	100.00	53.23
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	188	1934	0	120	0	2242
PCT TOTAL POP SHELTERED	0.19	0.69	0.0	1.13	0.0	0.46
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

TAMPA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	199677	742191	279114	135452	26482	1382916
PV71-81 SHELTERS	61	617	0	0	0	678
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	61	617	0	0	0	678
PCT TOTAL POP SHELTERED	0.03	0.08	0.0	0.0	0.0	0.05
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	61	617	0	0	0	678
PCT TOTAL POP SHELTERED	0.03	0.08	0.0	0.0	0.0	0.05
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	61	617	0	0	0	678
PCT TOTAL POP SHELTERED	0.03	0.08	0.0	0.0	0.0	0.05
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	61	617	0	0	0	678
PCT TOTAL POP SHELTERED	0.03	0.08	0.0	0.0	0.0	0.05
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

ATLANTA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
-1975 POPULATION	333178	319655	298191	148851	34014	1633889
PV71-81 SHELTERS	811	5405	348	1637	25981	34182
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	811	5405	348	1637	25981	34182
PCT TOTAL POP SHELTERED	0.24	0.66	0.12	1.10	76.38	2.09
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	811	5405	348	1637	25981	34182
PCT TOTAL POP SHELTERED	0.24	0.66	0.12	1.10	76.38	2.09
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	811	5405	348	1637	25981	34182
PCT TOTAL POP SHELTERED	0.24	0.66	0.12	1.10	76.38	2.09
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	811	5405	348	1637	25981	34182
PCT TOTAL POP SHELTERED	0.24	0.66	0.12	1.10	76.38	2.09
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

CHATTANOOGA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	71474	176387	115367	10978	3276	377482
PV71-81 SHELTERS	3569	38196	87	0	312	42164
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	591	4767	87	0	312	5757
PCT TOTAL POP SHELTERED	0.83	2.70	0.08	0.0	9.52	1.53
SURPLUS PV SPACES	2978	33429	0	0	0	36407
PCT PV SPACES USED	16.56	12.48	100.00	100.00	100.00	13.65
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	591	4767	87	0	312	5757
PCT TOTAL POP SHELTERED	0.83	2.70	0.08	0.0	9.52	1.53
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2019	24180	87	0	312	26598
PCT TOTAL POP SHELTERED	2.82	13.71	0.08	0.0	9.52	7.05
SURPLUS PV SPACES	1550	14016	0	0	0	15566
PCT PV SPACES USED	56.57	63.31	100.00	100.00	100.00	63.08
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2019	24180	87	0	312	26598
PCT TOTAL POP SHELTERED	2.82	13.71	0.08	0.0	9.52	7.05
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

CHARLOTTE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	277059	0	162827	35154	3546	478586
PV71-81 SHELTERS	486	0	313	231	0	1030
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	486	0	313	231	0	1030
PCT TOTAL POP SHELTERED	0.18	13.71	0.19	0.66	0.0	0.22
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	486	0	313	231	0	1030
PCT TOTAL POP SHELTERED	0.19	13.71	0.19	0.66	0.0	0.22
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	486	0	313	231	0	1030
PCT TOTAL POP SHELTERED	0.18	13.71	0.19	0.66	0.0	0.22
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	486	0	313	231	0	1030
PCT TOTAL POP SHELTERED	0.18	13.71	0.19	0.66	0.0	0.22
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

COLUMBIA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	73314	176452	101370	7584	5995	364715
PV71-81 SHELTERS	0	825	1037	0	0	1862
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	825	1037	0	0	1862
PCT TOTAL POP SHELTERED	0.0	0.47	1.02	0.0	0.0	0.51
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	825	1037	0	0	1862
PCT TOTAL POP SHELTERED	0.0	0.47	1.02	0.0	0.0	0.51
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	825	1037	0	0	1862
PCT TOTAL POP SHELTERED	0.0	0.47	1.02	0.0	0.0	0.51
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	825	1037	0	0	1862
PCT TOTAL POP SHELTERED	0.0	0.47	1.02	0.0	0.0	0.51
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

KNOXVILLE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	149317	175024	107247	8497	1785	441870
PV71-81 SHELTERS	22602	0	0	0	0	22602
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	3071	0	0	0	0	3071
PCT TOTAL POP SHELTERED	2.06	0.0	0.0	0.0	0.0	0.70
SURPLUS PV SPACES	19531	0	0	0	0	19531
PCT PV SPACES USED	13.59	100.00	100.00	100.00	100.00	13.59
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	3071	0	0	0	0	3071
PCT TOTAL POP SHELTERED	2.06	0.0	0.0	0.0	0.0	0.70
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	12969	0	0	0	0	12969
PCT TOTAL POP SHELTERED	8.69	0.0	0.0	0.0	0.0	2.94
SURPLUS PV SPACES	9633	0	0	0	0	9633
PCT PV SPACES USED	57.38	100.00	100.00	100.00	100.00	57.38
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	12969	0	0	0	0	12969
PCT TOTAL POP SHELTERED	8.69	0.0	0.0	0.0	0.0	2.94
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

MEMPHIS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	185297	204823	441146	57790	677	883733
PV71-81 SHELTERS	0	0	314	1476	0	1790
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	314	1476	0	1790
PCT TOTAL POP SHELTERED	0.0	0.0	0.07	2.55	0.0	0.20
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	9000	16500	6000	8323	677	40500
PEOPLE SHELTERED NEW + PV	4474	15609	6314	10622	677	36873
PCT TOTAL POP SHELTERED	2.41	7.62	1.43	18.38	100.00	4.14
SURPLUS NEW SPACES	4526	891	0	0	0	5417
PCT NEW SPACES USED	49.71	94.60	100.00	100.00	100.00	86.62
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	314	1476	0	1790
PCT TOTAL POP SHELTERED	0.0	0.0	0.07	2.55	0.0	0.20
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	9000	16500	6000	8323	677	40500
PEOPLE SHELTERED NEW + PV	5861	16500	6314	9799	677	39151
PCT TOTAL POP SHELTERED	3.16	8.06	1.43	16.96	100.00	4.40
SURPLUS NEW SPACES	3139	0	0	0	0	3139
PCT NEW SPACES USED	65.12	100.00	100.00	100.00	100.00	92.25

NASHVILLE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	68324	267348	142876	53541	1095	533184
PV71-81 SHELTERS	0	1291	234	0	396	1921
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1211	234	0	396	1841
PCT TOTAL POP SHELTERED	0.0	0.45	0.16	0.0	36.16	0.35
SURPLUS PV SPACES	0	80	0	0	0	80
PCT PV SPACES USED	100.00	93.80	100.00	100.00	100.00	95.84
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1211	234	0	396	1841
PCT TOTAL POP SHELTERED	0.0	0.45	0.16	0.0	36.16	0.35
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1291	234	0	396	1921
PCT TOTAL POP SHELTERED	0.0	0.48	0.16	0.0	36.16	0.36
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1291	234	0	396	1921
PCT TOTAL POP SHELTERED	0.0	0.48	0.16	0.0	36.16	0.36
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

CHICAGO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	133741	3697659	3023232	848628	9404	7712664
PV71-81 SHELTERS	2050	60770	19535	127588	145644	355587
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	678	47647	19535	170536	9404	204852
PCT TOTAL POP SHELTERED	0.51	1.29	0.65	20.10	100.00	2.66
SURPLUS PV SPACES	1372	13123	0	0	136240	150735
PCT PV SPACES USED	33.07	78.41	100.00	100.00	6.46	57.61
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	678	47647	19535	127588	9404	204852
PCT TOTAL POP SHELTERED	0.51	1.29	0.65	15.03	100.00	2.66
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1837	60770	19535	215300	9404	262990
PCT TOTAL POP SHELTERED	1.37	1.64	0.65	25.37	100.00	3.41
SURPLUS PV SPACES	213	0	0	0	92384	92597
PCT PV SPACES USED	89.61	100.00	100.00	100.00	9.24	73.96
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1837	60770	19535	215300	9404	262990
PCT TOTAL POP SHELTERED	1.37	1.64	0.65	25.37	100.00	3.41
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

DAVENPORT

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	90469	89267	136851	45740	9162	371499
PV71-81 SHELTERS	16054	2478	4294	0	0	22826
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	509	2324	4294	0	0	7127
PCT TOTAL POP SHELTERED	0.56	2.60	3.14	0.0	0.0	1.92
SURPLUS PV SPACES	15545	154	0	0	0	15699
PCT PV SPACES USED	3.17	93.79	100.00	100.00	100.00	31.22
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	509	2324	4294	0	0	7127
PCT TOTAL POP SHELTERED	0.56	2.60	3.14	0.0	0.0	1.92
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1471	2478	4294	0	0	8243
PCT TOTAL POP SHELTERED	1.63	2.78	3.14	0.0	0.0	2.22
SURPLUS PV SPACES	14583	0	0	0	0	14583
PCT PV SPACES USED	9.16	100.00	100.00	100.00	100.00	36.11
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1471	2478	4294	0	0	8243
PCT TOTAL POP SHELTERED	1.63	2.78	3.14	0.0	0.0	2.22
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

PEORIA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	56544	167091	68659	34795	9441	336530
PV71-81 SHELTERS	83	185	0	0	0	268
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	83	185	0	0	0	268
PCT TOTAL POP SHELTERED	0.15	0.11	0.0	0.0	0.0	0.08
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	83	185	0	0	0	268
PCT TOTAL POP SHELTERED	0.15	0.11	0.0	0.0	0.0	0.08
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	83	185	0	0	0	268
PCT TOTAL POP SHELTERED	0.15	0.11	0.0	0.0	0.0	0.08
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	83	185	0	0	0	268
PCT TOTAL POP SHELTERED	0.15	0.11	0.0	0.0	0.0	0.08
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

ST. LOUIS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	204934	2456221	654607	168762	5560	2490084
PV71-91 SHELTERS	78542	175285	7566	30414	5560	297367
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	825	18499	7566	46530	5560	62864
PCT TOTAL POP SHELTERED	0.40	1.27	1.16	27.57	100.00	2.52
SURPLUS PV SPACES	77717	156786	0	0	0	234503
PCT PV SPACES USED	1.05	10.55	100.00	100.00	100.00	21.14
NEW SPACES ADDED	16500	51000	0	0	0	67500
PEOPLE SHELTERED NEW + PV	14573	63693	7566	30414	5560	121811
PCT TOTAL POP SHELTERED	7.11	4.37	1.16	18.02	100.00	4.89
SURPLUS NEW SPACES	2747	5806	0	0	0	8553
PCT NEW SPACES USED	83.35	88.62	100.00	100.00	100.00	87.33
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5906	58784	7566	30414	5560	108230
PCT TOTAL POP SHELTERED	2.88	4.04	1.16	18.02	100.00	4.35
SURPLUS PV SPACES	72636	116501	0	0	0	189137
PCT PV SPACES USED	7.52	33.54	100.00	100.00	100.00	36.40
NEW SPACES ADDED	16500	51000	0	0	0	67500
PEOPLE SHELTERED NEW + PV	22406	106885	7566	30414	5560	172831
PCT TOTAL POP SHELTERED	10.93	7.34	1.16	18.02	100.00	6.94
SURPLUS NEW SPACES	0	2899	0	0	0	2899
PCT NEW SPACES USED	100.00	94.32	100.00	100.00	100.00	95.71

GARY

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	55542	643475	0	121529	20207	840753
PV71-81 SHELTERS	5	629	0	0	0	634
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5	323	0	0	0	328
PCT TOTAL POP SHELTERED	0.01	0.05	1.16	0.0	0.0	0.04
SURPLUS PV SPACES	0	306	0	0	0	306
PCT PV SPACES USED	100.00	51.35	100.00	100.00	100.00	51.74
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	5	323	0	0	0	328
PCT TOTAL POP SHELTERED	0.01	0.05	1.16	0.0	0.0	0.04
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5	323	0	0	0	328
PCT TOTAL POP SHELTERED	0.01	0.05	1.16	0.0	0.0	0.04
SURPLUS PV SPACES	0	306	0	0	0	306
PCT PV SPACES USED	100.00	51.35	100.00	100.00	100.00	51.74
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	5	323	0	0	0	328
PCT TOTAL POP SHELTERED	0.01	0.05	1.16	0.0	0.0	0.04
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

INDIANAPOLIS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	44234	209599	431959	71209	32947	789948
PV71-81 SHELTERS	0	2970	3787	408	24252	31417
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	2970	3787	408	24252	31417
PCT TOTAL POP SHELTERED	0.0	1.42	0.88	0.57	73.61	3.98
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	36750	88500	57750	32555	8695	224250
PEOPLE SHELTERED NEW + PV	9606	80640	61455	35518	32947	217611
PCT TOTAL POP SHELTERED	21.72	38.47	14.23	49.88	100.00	27.55
SURPLUS NEW SPACES	27144	10830	82	0	0	38056
PCT NEW SPACES USED	26.14	87.76	99.86	100.00	100.00	83.03
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	2970	3787	408	24252	31417
PCT TOTAL POP SHELTERED	0.0	1.42	0.88	0.57	73.61	3.98
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	36750	88500	57750	32555	8695	224250
PEOPLE SHELTERED NEW + PV	11981	89420	61537	32963	32947	228848
PCT TOTAL POP SHELTERED	27.09	42.66	14.25	46.29	100.00	28.97
SURPLUS NEW SPACES	24769	2050	0	0	0	26819
PCT NEW SPACES USED	32.60	97.68	100.00	100.00	100.00	88.04

DETROIT

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	1644079	3420469	502099	34395	0	5601042
PV71-81 SHELTERS	1655	16816	7202	54555	0	80228
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1655	12043	7202	2539	0	23439
PCT TOTAL POP SHELTERED	0.10	0.35	1.43	7.38	73.61	0.42
SURPLUS PV SPACES	0	4773	0	52016	0	56789
PCT PV SPACES USED	100.00	71.62	100.00	4.65	100.00	29.22
NEW SPACES ADDED	48750	130500	13750	6750	0	204750
PEOPLE SHELTERED NEW + PV	46277	111745	10157	9299	0	177468
PCT TOTAL POP SHELTERED	2.81	3.27	2.02	27.01	100.00	3.17
SURPLUS NEW SPACES	4128	30798	15795	0	0	50721
PCT NEW SPACES USED	91.53	76.40	15.76	100.00	100.00	75.23
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1655	16580	7202	2712	0	28149
PCT TOTAL POP SHELTERED	0.10	0.48	1.43	7.88	73.61	0.50
SURPLUS PV SPACES	0	236	0	51843	0	52079
PCT PV SPACES USED	100.00	98.60	100.00	4.97	100.00	35.09
NEW SPACES ADDED	48750	130500	13750	6750	0	204750
PEOPLE SHELTERED NEW + PV	46277	133831	21194	9462	0	210764
PCT TOTAL POP SHELTERED	2.81	3.91	4.22	27.51	100.00	3.76
SURPLUS NEW SPACES	4128	13249	4758	0	0	22135
PCT NEW SPACES USED	91.53	89.85	74.62	100.00	100.00	89.19

FLINT

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	72640	190631	154574	32604	11736	462185
PV71-81 SHELTERS	0	895	2270	1566	0	4731
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	895	2270	1566	0	4731
PCT TOTAL POP SHELTERED	0.0	0.47	1.47	4.80	0.0	1.02
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	895	2270	1566	0	4731
PCT TOTAL POP SHELTERED	0.0	0.47	1.47	4.80	0.0	1.02
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	895	2270	1566	0	4731
PCT TOTAL POP SHELTERED	0.0	0.47	1.47	4.80	0.0	1.02
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	895	2270	1566	0	4731
PCT TOTAL POP SHELTERED	0.0	0.47	1.47	4.80	0.0	1.02
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

GRAND RAPIDS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	37173	198178	129023	50314	1497	416185
PV71-81 SHELTERS	0	169722	178	173	38	170111

STATISTICS FOR 15-MINUTE WALKING DISTANCES

PEOPLE IN PV SHELTERS	0	15178	178	173	38	15567
PCT TOTAL POP SHELTERED	0.0	7.66	0.14	0.34	2.54	3.74
SURPLUS PV SPACES	0	154544	0	0	0	154544
PCT PV SPACES USED	100.00	8.94	100.00	100.00	100.00	9.15
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	15178	178	173	38	15567
PCT TOTAL POP SHELTERED	0.0	7.66	0.14	0.34	2.54	3.74
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

STATISTICS FOR 30-MINUTE WALKING DISTANCES

PEOPLE IN PV SHELTERS	0	19383	178	173	38	19772
PCT TOTAL POP SHELTERED	0.0	9.78	0.14	0.34	2.54	4.75
SURPLUS PV SPACES	0	150339	0	0	0	150339
PCT PV SPACES USED	100.00	11.42	100.00	100.00	100.00	11.62
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	19383	178	173	38	19772
PCT TOTAL POP SHELTERED	0.0	9.78	0.14	0.34	2.54	4.75
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

LANSING

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	146890	229262	0	64669	1219	442030
PV71-81 SHELTERS	0	457	0	2520	626	3603

STATISTICS FOR 15-MINUTE WALKING DISTANCES

PEOPLE IN PV SHELTERS	0	457	0	2520	626	3603
PCT TOTAL POP SHELTERED	0.0	0.20	0.14	3.90	51.35	0.82
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	457	0	2520	626	3603
PCT TOTAL POP SHELTERED	0.0	0.20	0.14	3.90	51.35	0.82
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

STATISTICS FOR 30-MINUTE WALKING DISTANCES

PEOPLE IN PV SHELTERS	0	457	0	2520	626	3603
PCT TOTAL POP SHELTERED	0.0	0.20	0.14	3.90	51.35	0.82
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	457	0	2520	626	3603
PCT TOTAL POP SHELTERED	0.0	0.20	0.14	3.90	51.35	0.82
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

MINNEAPOLIS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	160613	1078813	507947	255667	12440	2015480
PV71-81 SHELTERS	546	9862	47299	17275	1449	76431
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	546	8856	29527	17275	1449	57653
PCT TOTAL POP SHELTERED	0.34	0.82	5.81	6.76	11.65	2.86
SURPLUS PV SPACES	0	1006	17772	0	0	18778
PCT PV SPACES USED	100.00	89.80	62.43	100.00	100.00	75.43
NEW SPACES ADDED	14250	33000	10500	6750	0	64500
PEOPLE SHELTERED NEW + PV	11476	37806	40027	24025	1449	114783
PCT TOTAL POP SHELTERED	7.15	3.50	7.38	9.40	11.65	5.70
SURPLUS NEW SPACES	3320	4050	0	0	0	7370
PCT NEW SPACES USED	76.70	97.73	100.00	100.00	100.00	88.57
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	546	9862	47299	17275	1449	76431
PCT TOTAL POP SHELTERED	0.34	0.91	9.31	6.76	11.65	3.79
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	14250	33000	10500	6750	0	64500
PEOPLE SHELTERED NEW + PV	14796	42341	57799	24025	1449	140410
PCT TOTAL POP SHELTERED	9.21	3.92	11.38	9.40	11.65	6.97
SURPLUS NEW SPACES	0	521	0	0	0	521
PCT NEW SPACES USED	100.00	99.42	100.00	100.00	100.00	99.19

MILWAUKEE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	68536	486586	555510	285987	5658	1402296
PV71-81 SHELTERS	469	16966	1358	3536	923	23252
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	469	5993	1358	3536	923	12279
PCT TOTAL POP SHELTERED	0.68	1.23	0.24	1.24	16.31	0.88
SURPLUS PV SPACES	0	10973	0	0	0	10973
PCT PV SPACES USED	100.00	35.32	100.00	100.00	100.00	52.81
NEW SPACES ADDED	32250	69650	63300	17550	1500	184250
PEOPLE SHELTERED NEW + PV	19792	53851	60869	21086	2423	159021
PCT TOTAL POP SHELTERED	28.88	11.07	10.96	7.37	42.82	11.27
SURPLUS NEW SPACES	12927	21792	3789	0	0	38508
PCT NEW SPACES USED	59.92	69.71	94.01	100.00	100.00	79.10
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	469	15519	1358	3536	923	21805
PCT TOTAL POP SHELTERED	0.68	3.19	0.24	1.24	16.31	1.55
SURPLUS PV SPACES	0	1447	0	0	0	1447
PCT PV SPACES USED	100.00	91.47	100.00	100.00	100.00	93.78
NEW SPACES ADDED	32250	69650	63300	17550	1500	184250
PEOPLE SHELTERED NEW + PV	27646	76532	64105	21086	2423	191792
PCT TOTAL POP SHELTERED	40.34	15.73	11.54	7.37	42.82	13.68
SURPLUS NEW SPACES	5073	3637	553	0	0	14263
PCT NEW SPACES USED	84.27	97.60	99.13	100.00	100.00	92.26

NEW ORLEANS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	107387	484614	370019	320583	11161	1293764
PV71-81 SHELTERS	0	0	4147	0	0	4147
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	4147	0	0	4147
PCT TOTAL POP SHELTERED	0.0	0.0	1.12	0.0	0.0	0.32
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	22500	11250	21000	23700	0	78450
PEOPLE SHELTERED NEW + PV	14601	5250	23963	23700	0	67514
PCT TOTAL POP SHELTERED	13.60	1.08	6.48	7.39	0.0	5.22
SURPLUS NEW SPACES	7899	6000	1184	0	0	15083
PCT NEW SPACES USED	64.89	46.67	94.36	100.00	100.00	80.77
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	4147	0	0	4147
PCT TOTAL POP SHELTERED	0.0	0.0	1.12	0.0	0.0	0.32
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	22500	11250	21000	23700	0	78450
PEOPLE SHELTERED NEW + PV	15561	9000	25147	23700	0	73408
PCT TOTAL POP SHELTERED	14.49	1.86	6.80	7.39	0.0	5.67
SURPLUS NEW SPACES	6939	2250	0	0	0	9189
PCT NEW SPACES USED	69.16	80.00	100.00	100.00	100.00	88.29

SHREVEPORT

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	119988	103643	159666	13050	535	396882
PV71-81 SHELTERS	205	0	957	53	0	1215
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	205	0	957	53	0	1215
PCT TOTAL POP SHELTERED	0.17	0.0	0.60	0.41	0.0	0.31
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	205	0	957	53	0	1215
PCT TOTAL POP SHELTERED	0.17	0.0	0.60	0.41	0.0	0.31
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	205	0	957	53	0	1215
PCT TOTAL POP SHELTERED	0.17	0.0	0.60	0.41	0.0	0.31
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	205	0	957	53	0	1215
PCT TOTAL POP SHELTERED	0.17	0.0	0.60	0.41	0.0	0.31
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

ALBUQUERQUE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	172880	729944	22194	89	18	925125
PV71-81 SHELTERS	0	3399	908	0	0	4307
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	859	908	0	0	1767
PCT TOTAL POP SHELTERED	0.0	0.12	4.09	0.0	0.0	0.19
SURPLUS PV SPACES	0	2540	0	0	0	2540
PCT PV SPACES USED	100.00	25.27	100.00	100.00	100.00	41.03
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	859	908	0	0	1767
PCT TOTAL POP SHELTERED	0.0	0.12	4.09	0.0	0.0	0.19
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	3399	908	0	0	4307
PCT TOTAL POP SHELTERED	0.0	0.47	4.09	0.0	0.0	0.47
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	3399	908	0	0	4307
PCT TOTAL POP SHELTERED	0.0	0.47	4.09	0.0	0.0	0.47
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

OKLAHOMA CITY

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	92999	342474	163913	99270	5493	705149
1971-81 SHELTERS	1447	185	2377	2491	969	7489
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	204	185	1535	2491	969	5387
PCT TOTAL POP SHELTERED	0.22	0.05	0.94	2.51	14.92	0.76
SURPLUS PV SPACES	1243	0	839	0	0	2102
PCT PV SPACES USED	13.91	100.00	64.70	100.00	100.00	71.93
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	204	185	1538	2491	969	5387
PCT TOTAL POP SHELTERED	0.22	0.05	0.94	2.51	14.92	0.76
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	777	185	2377	2491	969	6799
PCT TOTAL POP SHELTERED	0.84	0.05	1.45	2.51	14.92	0.96
SURPLUS PV SPACES	690	0	0	0	0	690
PCT PV SPACES USED	52.97	100.00	100.00	100.00	100.00	90.79
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	777	185	2377	2491	969	6799
PCT TOTAL POP SHELTERED	0.84	0.05	1.45	2.51	14.92	0.96
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

TULSA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	79642	215211	236023	26523	2648	560047
PV71-81 SHELTERS	2267	0	0	0	0	2267
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	823	0	0	0	0	823
PCT TOTAL POP SHELTERED	1.03	0.0	0.0	0.0	0.0	0.15
SURPLUS PV SPACES	1444	0	0	0	0	1444
PCT PV SPACES USED	36.30	100.00	100.00	100.00	100.00	36.30
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	823	0	0	0	0	823
PCT TOTAL POP SHELTERED	1.03	0.0	0.0	0.0	0.0	0.15
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2267	0	0	0	0	2267
PCT TOTAL POP SHELTERED	2.85	0.0	0.0	0.0	0.0	0.40
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2267	0	0	0	0	2267
PCT TOTAL POP SHELTERED	2.85	0.0	0.0	0.0	0.0	0.40
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

BEAUMONT

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	212246	191062	0	81865	420	485593
PV71-81 SHELTERS	0	77	0	0	0	77
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	77	0	0	0	77
PCT TOTAL POP SHELTERED	0.0	0.04	0.0	0.0	0.0	0.02
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	77	0	0	0	77
PCT TOTAL POP SHELTERED	0.0	0.04	0.0	0.0	0.0	0.02
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	77	0	0	0	77
PCT TOTAL POP SHELTERED	0.0	0.04	0.0	0.0	0.0	0.02
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	77	0	0	0	77
PCT TOTAL POP SHELTERED	0.0	0.04	0.0	0.0	0.0	0.02
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

DALLAS

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1978 POPULATION	121435	924594	394267	136523	1538	1578357
PVTI-81 SHELTERS	312	217	7321	2532	1538	11920
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	203	217	7321	2594	1538	11811
PCT TOTAL POP SHELTERED	0.17	0.02	1.86	1.90	100.00	0.75
SURPLUS PV SPACES	109	0	0	0	0	109
PCT PV SPACES USED	65.06	100.00	100.00	100.00	100.00	99.09
NEW SPACES ADDED	19500	181500	39000	16500	0	256500
PEOPLE SHELTERED NEW + PV	19703	98380	40800	19032	1538	179453
PCT TOTAL POP SHELTERED	16.23	10.64	10.35	13.94	100.00	11.37
SURPLUS NEW SPACES	0	83337	5521	0	0	88858
PCT NEW SPACES USED	100.00	54.08	85.84	100.00	100.00	65.36
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	312	217	7321	2532	1538	11920
PCT TOTAL POP SHELTERED	0.26	0.02	1.86	1.85	100.00	0.76
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	19500	181500	39000	16500	0	256500
PEOPLE SHELTERED NEW + PV	19812	138166	44913	19032	1538	223461
PCT TOTAL POP SHELTERED	16.31	14.94	11.39	13.94	100.00	14.16
SURPLUS NEW SPACES	0	43551	1408	0	0	44959
PCT NEW SPACES USED	100.00	76.00	96.39	100.00	100.00	82.47

EL PASO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	408601	29826	288814	19853	24973	772067
PV71-81 SHELTERS	2840	0	2021	420	42	5323
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2590	0	1222	420	42	4274
PCT TOTAL POP SHELTERED	0.63	0.0	0.42	2.12	0.17	0.55
SURPLUS PV SPACES	250	0	799	0	0	1049
PCT PV SPACES USED	91.20	100.00	60.47	100.00	100.00	80.29
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2590	0	1222	420	42	4274
PCT TOTAL POP SHELTERED	0.63	0.0	0.42	2.12	0.17	0.55
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2590	0	2021	420	42	5073
PCT TOTAL POP SHELTERED	0.63	0.0	0.70	2.12	0.17	0.66
SURPLUS PV SPACES	250	0	0	0	0	250
PCT PV SPACES USED	91.20	100.00	100.00	100.00	100.00	95.30
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2590	0	2021	420	42	5073
PCT TOTAL POP SHELTERED	0.63	0.0	0.70	2.12	0.17	0.66
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

FORT WORTH

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	165636	385584	267576	47109	1998	867903
PV71-81 SHELTERS	102	4420	6524	3719	1998	16763
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	102	4420	1695	6229	1998	11934
PCT TOTAL POP SHELTERED	0.06	1.15	0.63	13.22	100.00	1.38
SURPLUS PV SPACES	0	0	4829	0	0	4829
PCT PV SPACES USED	100.00	100.00	25.98	100.00	100.00	71.19
NEW SPACES ADDED	19000	27000	12750	3750	0	61500
PEOPLE SHELTERED NEW + PV	15785	23305	14258	7469	1998	62815
PCT TOTAL POP SHELTERED	9.53	6.04	5.33	15.85	100.00	7.24
SURPLUS NEW SPACES	2317	8115	187	0	0	10619
PCT NEW SPACES USED	87.13	69.94	98.53	100.00	100.00	82.73
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	102	4420	6524	3719	1998	16763
PCT TOTAL POP SHELTERED	0.06	1.15	2.44	7.89	100.00	1.93
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	18000	27000	12750	3750	0	61500
PEOPLE SHELTERED NEW + PV	18102	28598	19274	7469	1998	75441
PCT TOTAL POP SHELTERED	10.93	7.42	7.20	15.85	100.00	8.69
SURPLUS NEW SPACES	0	2822	0	0	0	2822
PCT NEW SPACES USED	100.00	89.55	100.00	100.00	100.00	95.41

HOUSTON

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	449791	1300271	207418	13546	5748	1976774
PV71-81 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

SAN ANTONIO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	202644	237454	403407	149258	12276	1005039
PV71-31 SHELTERS	0	0	0	0	0	0
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	14250	4500	22500	18000	6000	65250
PEOPLE SHELTERED NEW + PV	10576	4500	22500	18000	6000	61576
PCT TOTAL POP SHELTERED	5.22	1.90	5.58	12.06	48.88	6.13
SURPLUS NEW SPACES	3674	0	0	0	0	3674
PCT NEW SPACES USED	74.22	100.00	100.00	100.00	100.00	94.37
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	0	0	0	0	0
PCT TOTAL POP SHELTERED	0.0	0.0	0.0	0.0	0.0	0.0
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	14250	4500	22500	18000	6000	65250
PEOPLE SHELTERED NEW + PV	13866	4500	22500	18000	6000	64866
PCT TOTAL POP SHELTERED	6.84	1.90	5.58	12.06	48.88	6.45
SURPLUS NEW SPACES	384	0	0	0	0	384
PCT NEW SPACES USED	97.31	100.00	100.00	100.00	100.00	99.41

DENVER

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	161597	516964	423571	95947	15200	1216239
PV71-91 SHELTERS	3986	8357	4767	722	0	17832
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	556	6678	4767	722	0	12723
PCT TOTAL POP SHELTERED	0.34	1.29	1.13	0.73	0.0	1.05
SURPLUS PV SPACES	3430	1679	0	0	0	5109
PCT PV SPACES USED	13.95	79.91	100.00	100.00	100.00	71.35
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	556	6678	4767	722	0	12723
PCT TOTAL POP SHELTERED	0.34	1.29	1.13	0.73	0.0	1.05
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2283	8341	4767	722	0	16113
PCT TOTAL POP SHELTERED	1.41	1.61	1.13	0.73	0.0	1.32
SURPLUS PV SPACES	1703	16	0	0	0	1719
PCT PV SPACES USED	57.28	99.81	100.00	100.00	100.00	90.36
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2283	8341	4767	722	0	16113
PCT TOTAL POP SHELTERED	1.41	1.61	1.13	0.73	0.0	1.32
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

DES MOINES

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	91448	100260	165178	34699	5321	396905
PV71-91 SHELTERS	0	312	1800	84	2583	4779
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	312	1800	84	2583	4779
PCT TOTAL POP SHELTERED	0.0	0.31	1.09	0.24	48.54	1.20
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	312	1800	84	2583	4779
PCT TOTAL POP SHELTERED	0.0	0.31	1.09	0.24	48.54	1.20
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	312	1800	84	2583	4779
PCT TOTAL POP SHELTERED	0.0	0.31	1.09	0.24	48.54	1.20
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	312	1800	84	2583	4779
PCT TOTAL POP SHELTERED	0.0	0.31	1.09	0.24	48.54	1.20
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

OMAHA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	78615	215588	274425	25857	11359	606844
PV71-81 SHELTERS	0	2304	220	0	0	2524
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1010	220	0	0	1230
PCT TOTAL POP SHELTERED	0.0	0.47	0.08	0.0	0.0	0.20
SURPLUS PV SPACES	0	1294	0	0	0	1294
PCT PV SPACES USED	100.00	43.84	100.00	100.00	100.00	48.73
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1010	220	0	0	1230
PCT TOTAL POP SHELTERED	0.0	0.47	0.08	0.0	0.0	0.20
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	2304	220	0	0	2524
PCT TOTAL POP SHELTERED	0.0	1.07	0.08	0.0	0.0	0.42
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	2304	220	0	0	2524
PCT TOTAL POP SHELTERED	0.0	1.07	0.08	0.0	0.0	0.42
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

KANSAS CITY

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	101138	521957	506707	108429	5131	1243362
PV71-81 SHELTERS	88680	45605	145126	42761	5131	327303
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4601	5392	101564	64755	5131	159449
PCT TOTAL POP SHELTERED	4.55	1.03	20.04	61.57	100.00	12.82
SURPLUS PV SPACES	84079	40213	43562	0	0	167854
PCT PV SPACES USED	5.19	11.82	69.98	100.00	100.00	48.72
NEW SPACES ADDED	7500	12000	10500	0	0	30000
PEOPLE SHELTERED NEW + PV	8283	16267	112064	42761	5131	184508
PCT TOTAL POP SHELTERED	8.19	3.12	22.12	39.44	100.00	14.84
SURPLUS NEW SPACES	3818	1123	0	0	0	4041
PCT NEW SPACES USED	49.09	90.64	100.00	100.00	100.00	83.53
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	58470	29853	145126	42761	5131	281341
PCT TOTAL POP SHELTERED	57.81	5.72	28.64	39.44	100.00	22.63
SURPLUS PV SPACES	30210	15752	0	0	0	45962
PCT PV SPACES USED	65.93	65.46	100.00	100.00	100.00	85.96
NEW SPACES ADDED	7500	12000	10500	0	0	30000
PEOPLE SHELTERED NEW + PV	65970	40957	155626	42761	5131	310445
PCT TOTAL POP SHELTERED	65.23	7.85	30.71	39.44	100.00	24.97
SURPLUS NEW SPACES	0	896	0	0	0	896
PCT NEW SPACES USED	100.00	92.53	100.00	100.00	100.00	97.01

WICHITA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	35507	138974	248005	16372	3923	442781
PV71-81 SHELTERS	0	5533	0	0	0	5533
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	4837	0	0	0	4837
PCT TOTAL POP SHELTERED	0.0	3.48	0.0	0.0	0.0	1.09
SURPLUS PV SPACES	0	696	0	0	0	696
PCT PV SPACES USED	100.00	87.42	100.00	100.00	100.00	87.42
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	4837	0	0	0	4837
PCT TOTAL POP SHELTERED	0.0	3.48	0.0	0.0	0.0	1.09
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	5533	0	0	0	5533
PCT TOTAL POP SHELTERED	0.0	3.98	0.0	0.0	0.0	1.25
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	5533	0	0	0	5533
PCT TOTAL POP SHELTERED	0.0	3.98	0.0	0.0	0.0	1.25
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

PHOENIX

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	425804	579611	296242	84334	1655	1387646
PV71-81 SHELTERS	1714	2271	8229	8309	1655	22178
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1326	2271	8229	13854	1655	21790
PCT TOTAL POP SHELTERED	0.31	0.39	2.78	16.43	100.00	1.57
SURPLUS PV SPACES	388	0	0	0	0	388
PCT PV SPACES USED	77.36	100.00	100.00	100.00	100.00	98.25
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1326	2271	8229	8309	1655	21790
PCT TOTAL POP SHELTERED	0.31	0.39	2.78	9.85	100.00	1.57
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1681	2271	8229	8309	1655	22145
PCT TOTAL POP SHELTERED	0.39	0.39	2.78	9.85	100.00	1.60
SURPLUS PV SPACES	33	0	0	0	0	33
PCT PV SPACES USED	98.07	100.00	100.00	100.00	100.00	99.85
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1681	2271	8229	8309	1655	22145
PCT TOTAL POP SHELTERED	0.39	0.39	2.78	9.85	100.00	1.60
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

BAKERSFIELD

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	86924	206001	0	49516	0	342441
PV71-81 SHELTERS	79881	15941	0	553	0	96375
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1136	779	0	553	0	2468
PCT TOTAL POP SHELTERED	1.31	0.38	2.78	1.12	100.00	0.72
SURPLUS PV SPACES	78745	15162	0	0	0	93907
PCT PV SPACES USED	1.42	4.89	100.00	100.00	100.00	2.56
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1136	779	0	553	0	2468
PCT TOTAL POP SHELTERED	1.31	0.38	2.78	1.12	100.00	0.72
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	5418	779	0	553	0	6750
PCT TOTAL POP SHELTERED	6.23	0.38	2.78	1.12	100.00	1.97
SURPLUS PV SPACES	74463	15162	0	0	0	89625
PCT PV SPACES USED	6.78	4.89	100.00	100.00	100.00	7.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	5418	779	0	553	0	6750
PCT TOTAL POP SHELTERED	6.23	0.38	2.78	1.12	100.00	1.97
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

FRESNO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	141756	151075	128622	6183	887	428523
PV71-81 SHELTERS	0	192	0	0	0	192
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	192	0	0	0	192
PCT TOTAL POP SHELTERED	0.0	0.13	0.0	0.0	0.0	0.04
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	192	0	0	0	192
PCT TOTAL POP SHELTERED	0.0	0.13	0.0	0.0	0.0	0.04
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	192	0	0	0	192
PCT TOTAL POP SHELTERED	0.0	0.13	0.0	0.0	0.0	0.04
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	192	0	0	0	192
PCT TOTAL POP SHELTERED	0.0	0.13	0.0	0.0	0.0	0.04
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

LOS ANGELES

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	135407	6079206	2400293	697556	39747	9352209
PV71-81 SHELTERS	15802	119342	61969	40800	159358	397271
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2454	83730	53451	70827	39747	220182
PCT TOTAL POP SHELTERED	1.91	1.38	2.23	10.15	100.00	2.35
SURPLUS PV SPACES	13348	35612	8518	0	119611	177089
PCT PV SPACES USED	15.53	70.16	86.25	100.00	24.94	55.42
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2454	83730	53451	40800	39747	220182
PCT TOTAL POP SHELTERED	1.81	1.38	2.23	5.85	100.00	2.35
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	15802	117077	61969	171954	39747	340972
PCT TOTAL POP SHELTERED	11.67	1.93	2.58	24.65	100.00	3.65
SURPLUS PV SPACES	0	2265	0	0	54034	56299
PCT PV SPACES USED	100.00	98.10	100.00	100.00	42.38	85.83
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	15802	117077	61969	171954	39747	340972
PCT TOTAL POP SHELTERED	11.67	1.93	2.58	24.65	100.00	3.65
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

SACRAMENTO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	60300	426963	161151	33984	12993	695291
PV71-81 SHELTERS	4095	2746	1233	0	183	8257
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	68	2746	1233	0	183	4230
PCT TOTAL POP SHELTERED	0.11	0.64	0.77	0.0	1.41	0.61
SURPLUS PV SPACES	4027	0	0	0	0	4027
PCT PV SPACES USED	1.66	100.00	100.00	100.00	100.00	51.23
NEW SPACES ADDED	6750	55500	38250	33750	3000	137250
PEOPLE SHELTERED NEW + PV	6818	48080	39483	33750	3183	131314
PCT TOTAL POP SHELTERED	11.31	11.26	24.50	99.60	24.50	18.89
SURPLUS NEW SPACES	0	10166	0	0	0	10166
PCT NEW SPACES USED	100.00	81.68	100.00	100.00	100.00	92.59
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4095	2746	1233	0	183	8257
PCT TOTAL POP SHELTERED	6.79	0.64	0.77	0.0	1.41	1.19
SURPLUS PV SPACES	0	0	0	0	0	0
PCT PV SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
NEW SPACES ADDED	6750	55500	38250	33750	3000	137250
PEOPLE SHELTERED NEW + PV	10845	51459	39483	33750	3183	138720
PCT TOTAL POP SHELTERED	17.99	12.05	24.50	99.60	24.50	19.95
SURPLUS NEW SPACES	0	6787	0	0	0	6787
PCT NEW SPACES USED	100.00	87.77	100.00	100.00	100.00	95.06

SAN BERNARDINO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	274577	622354	126310	61865	0	1085106
PV71-81 SHELTERS	15934	68974	8376	576	0	93860
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1734	10221	8376	576	0	20907
PCT TOTAL POP SHELTERED	0.63	1.64	6.63	0.93	1.41	1.93
SURPLUS PV SPACES	14200	58753	0	0	0	72953
PCT PV SPACES USED	10.88	14.82	100.00	100.00	100.00	22.27
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1734	10221	8376	576	0	20907
PCT TOTAL POP SHELTERED	0.63	1.64	6.63	0.93	24.50	1.93
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	13884	49537	8376	576	0	72373
PCT TOTAL POP SHELTERED	5.06	7.96	6.63	0.93	1.41	6.67
SURPLUS PV SPACES	2050	19437	0	0	0	21487
PCT PV SPACES USED	87.13	71.82	100.00	100.00	100.00	77.11
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	13884	49537	8376	576	0	72373
PCT TOTAL POP SHELTERED	5.06	7.96	6.63	0.93	24.50	6.67
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

SAN DIEGO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	142104	675761	499736	70064	3432	1391097
PV71-81 SHELTERS	53815	4556	7101	210	0	65682
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1636	4556	5974	210	0	12376
PCT TOTAL POP SHELTERED	1.15	0.67	1.20	0.30	0.0	0.89
SURPLUS PV SPACES	52179	0	1127	0	0	53306
PCT PV SPACES USED	3.04	100.00	84.13	100.00	100.00	18.84
NEW SPACES ADDED	18000	71250	111000	42000	0	242250
PEOPLE SHELTERED NEW + PV	15198	72085	116974	42210	0	246467
PCT TOTAL POP SHELTERED	10.69	10.67	23.41	60.24	0.0	17.72
SURPLUS NEW SPACES	4438	3721	0	0	0	8159
PCT NEW SPACES USED	75.34	94.78	100.00	100.00	100.00	96.63
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	7022	4556	6390	210	0	18178
PCT TOTAL POP SHELTERED	4.94	0.67	1.28	0.30	0.0	1.31
SURPLUS PV SPACES	46793	0	711	0	0	47504
PCT PV SPACES USED	13.05	100.00	89.99	100.00	100.00	27.68
NEW SPACES ADDED	18000	71250	111000	42000	0	242250
PEOPLE SHELTERED NEW + PV	20588	75806	117390	42210	0	255994
PCT TOTAL POP SHELTERED	14.49	11.22	23.49	60.24	0.0	18.40
SURPLUS NEW SPACES	4434	0	0	0	0	4434
PCT NEW SPACES USED	75.37	100.00	100.00	100.00	100.00	98.17

SAN FRANCISCO

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	80235	2226098	529712	540244	76816	3453105
PV71-81 SHELTERS	64523	82019	25891	81488	76816	330737
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	4574	45296	25891	124724	76816	234065
PCT TOTAL POP SHELTERED	5.70	2.03	4.89	23.09	100.00	6.78
SURPLUS PV SPACES	59949	36723	0	0	0	96672
PCT PV SPACES USED	7.09	55.23	100.00	100.00	100.00	70.77
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	4574	45296	25891	81488	76816	234065
PCT TOTAL POP SHELTERED	5.70	2.03	4.89	15.08	100.00	6.78
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	26707	73432	25891	81488	76816	284334
PCT TOTAL POP SHELTERED	33.29	3.30	4.89	15.08	100.00	8.23
SURPLUS PV SPACES	37816	8587	0	0	0	46403
PCT PV SPACES USED	41.39	89.53	100.00	100.00	100.00	85.97
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	26707	73432	25891	81488	76816	284334
PCT TOTAL POP SHELTERED	33.29	3.30	4.89	15.08	100.00	8.23
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

SAN JOSE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	19521	1246343	4607	949	164	1271584
PV71-81 SHELTERS	2116	3013	1117	302	0	6548
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1599	548	302	0	2449
PCT TOTAL POP SHELTERED	0.0	0.13	11.89	31.82	0.0	0.19
SURPLUS PV SPACES	2116	1414	569	0	0	4099
PCT PV SPACES USED	0.0	53.07	49.06	100.00	100.00	37.40
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1599	548	302	0	2449
PCT TOTAL POP SHELTERED	0.0	0.13	11.89	31.82	0.0	0.19
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	0	1877	815	302	0	2994
PCT TOTAL POP SHELTERED	0.0	0.15	17.69	31.82	0.0	0.24
SURPLUS PV SPACES	2116	1136	302	0	0	3554
PCT PV SPACES USED	0.0	62.30	72.96	100.00	100.00	45.72
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	0	1877	815	302	0	2994
PCT TOTAL POP SHELTERED	0.0	0.15	17.69	31.82	0.0	0.24
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

HONOLULU

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	186679	435753	0	202594	0	825026
PV71-81 SHELTERS	23904	71722	0	16998	0	112624
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	19699	29041	0	16998	0	65738
PCT TOTAL POP SHELTERED	10.55	6.66	17.69	8.39	0.0	7.97
SURPLUS PV SPACES	4205	42681	0	0	0	46886
PCT PV SPACES USED	82.41	40.49	100.00	100.00	100.00	58.37
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	19699	29041	0	16998	0	65738
PCT TOTAL POP SHELTERED	10.55	6.66	17.69	8.39	0.0	7.97
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	23904	41376	0	16998	0	82278
PCT TOTAL POP SHELTERED	12.80	9.50	17.69	8.39	0.0	9.97
SURPLUS PV SPACES	0	30346	0	0	0	30346
PCT PV SPACES USED	100.00	57.69	100.00	100.00	100.00	73.06
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	23904	41376	0	16998	0	82278
PCT TOTAL POP SHELTERED	12.80	9.50	17.69	8.39	0.0	9.97
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

SALT LAKE CITY

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	56533	212023	144321	68107	5384	486368
PV71-81 SHELTERS	21594	8704	4183	20436	307	55224
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	255	8603	3886	20436	307	33487
PCT TOTAL POP SHELTERED	0.45	4.06	2.69	30.01	5.70	6.89
SURPLUS PV SPACES	21339	101	297	0	0	21737
PCT PV SPACES USED	1.18	98.84	92.90	100.00	100.00	60.64
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	255	8603	3886	20436	307	33487
PCT TOTAL POP SHELTERED	0.45	4.06	2.69	30.01	5.70	6.89
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	8027	8704	4183	20436	307	41657
PCT TOTAL POP SHELTERED	14.20	4.11	2.90	30.01	5.70	8.56
SURPLUS PV SPACES	13567	0	0	0	0	13567
PCT PV SPACES USED	37.17	100.00	100.00	100.00	100.00	75.43
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	8027	8704	4183	20436	307	41657
PCT TOTAL POP SHELTERED	14.20	4.11	2.90	30.01	5.70	8.56
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

PORTLAND

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	157049	367317	351754	75889	2360	954369
PV71-81 SHELTERS	7567	1907	11167	465	295	21401
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1121	1907	8753	465	295	12541
PCT TOTAL POP SHELTERED	0.71	0.52	2.49	0.61	12.50	1.31
SURPLUS PV SPACES	6446	0	2414	0	0	8860
PCT PV SPACES USED	14.81	100.00	78.38	100.00	100.00	58.60
NEW SPACES ADDED	81990	107340	126750	35113	2065	353258
PEOPLE SHELTERED NEW + PV	21168	79417	128883	51941	2360	267406
PCT TOTAL POP SHELTERED	13.48	21.62	36.64	68.44	100.00	28.02
SURPLUS NEW SPACES	61943	29830	6620	0	0	98393
PCT NEW SPACES USED	24.45	72.21	94.78	100.00	100.00	72.15
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	6101	1907	11167	465	295	19935
PCT TOTAL POP SHELTERED	3.88	0.52	3.17	0.61	12.50	2.09
SURPLUS PV SPACES	1466	0	0	0	0	1466
PCT PV SPACES USED	80.63	100.00	100.00	100.00	100.00	93.15
NEW SPACES ADDED	81990	107340	126750	35113	2065	353258
PEOPLE SHELTERED NEW + PV	33239	88645	133642	35578	2360	293464
PCT TOTAL POP SHELTERED	21.16	24.13	37.99	46.88	100.00	30.75
SURPLUS NEW SPACES	54852	20602	4275	0	0	79729
PCT NEW SPACES USED	33.10	80.81	96.63	100.00	100.00	77.43

SEATTLE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	202502	648209	441359	89641	8715	1390436
PV71-31 SHELTERS	63453	10517	17019	30045	8715	129749
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	8729	10517	17019	31170	8715	75025
PCT TOTAL POP SHELTERED	4.31	1.62	3.86	34.77	100.00	5.40
SURPLUS PV SPACES	54724	0	0	0	0	54724
PCT PV SPACES USED	13.76	100.00	100.00	100.00	100.00	57.82
NEW SPACES ADDED	3750	189500	233450	4500	0	431200
PEOPLE SHELTERED NEW + PV	12479	94412	98586	34545	8715	248737
PCT TOTAL POP SHELTERED	6.16	14.57	22.34	38.54	100.00	17.89
SURPLUS NEW SPACES	0	105605	151893	0	0	257488
PCT NEW SPACES USED	100.00	44.27	34.94	100.00	100.00	40.29
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	27345	10517	17019	30045	8715	93641
PCT TOTAL POP SHELTERED	13.50	1.62	3.86	33.52	100.00	6.73
SURPLUS PV SPACES	36108	0	0	0	0	36108
PCT PV SPACES USED	43.09	100.00	100.00	100.00	100.00	72.17
NEW SPACES ADDED	3750	189500	233450	4500	0	431200
PEOPLE SHELTERED NEW + PV	27345	119087	127916	34545	8715	311608
PCT TOTAL POP SHELTERED	13.50	18.37	28.98	38.54	100.00	22.41
SURPLUS NEW SPACES	9750	80930	122553	0	0	213233
PCT NEW SPACES USED	-160.00	57.29	47.50	100.00	100.00	50.55

SPOKANE

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	46827	100222	161830	12372	3949	325200
PV71-81 SHELTERS	4108	1176	621	0	0	5905
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	703	1176	621	0	0	2500
PCT TOTAL POP SHELTERED	1.50	1.17	0.38	0.0	0.0	0.77
SURPLUS PV SPACES	3405	0	0	0	0	3405
PCT PV SPACES USED	17.11	100.00	100.00	100.00	100.00	42.34
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	703	1176	621	0	0	2500
PCT TOTAL POP SHELTERED	1.50	1.17	0.38	0.0	0.0	0.77
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	2704	1176	621	0	0	4501
PCT TOTAL POP SHELTERED	5.77	1.17	0.38	0.0	0.0	1.38
SURPLUS PV SPACES	1404	0	0	0	0	1404
PCT PV SPACES USED	65.82	100.00	100.00	100.00	100.00	76.22
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	2704	1176	621	0	0	4501
PCT TOTAL POP SHELTERED	5.77	1.17	0.38	0.0	0.0	1.38
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

TACOMA

POPULATION BY AREA CODES

	1	2	3	4	5	TOTAL
1975 POPULATION	117805	174768	113354	21333	6686	433946
PV71-81 SHELTERS	6124	135	12115	70	0	18444
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	1474	135	812	70	0	2491
PCT TOTAL POP SHELTERED	1.25	0.08	0.72	0.33	0.0	0.57
SURPLUS PV SPACES	4650	0	11303	0	0	15953
PCT PV SPACES USED	24.07	100.00	6.70	100.00	100.00	13.51
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	1474	135	812	70	0	2491
PCT TOTAL POP SHELTERED	1.25	0.08	0.72	0.33	0.0	0.57
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	3837	135	1817	70	0	5859
PCT TOTAL POP SHELTERED	3.26	0.08	1.60	0.33	0.0	1.35
SURPLUS PV SPACES	2287	0	10298	0	0	12585
PCT PV SPACES USED	62.66	100.00	15.00	100.00	100.00	31.77
NEW SPACES ADDED	0	0	0	0	0	0
PEOPLE SHELTERED NEW + PV	3837	135	1817	70	0	5859
PCT TOTAL POP SHELTERED	3.26	0.08	1.60	0.33	0.0	1.35
SURPLUS NEW SPACES	0	0	0	0	0	0
PCT NEW SPACES USED	100.00	100.00	100.00	100.00	100.00	100.00

TOTALS FOR 98 SMSA CITIES EXCLUDING DULUTH & TUCSON

	1	2	3	4	5	TOTAL
1975 POPULATION	13973368	62549434	32851192	12919899	1884453	124178346
PV71-81 SHELTERS	834101	1810387	1260660	2516007	2228172	8649327
STATISTICS FOR 15-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	124139	752255	1042001	2531393	1173892	5197364
PCT TOTAL POP SHELTERED	0.89	1.20	3.17	16.29	62.29	4.19
SURPLUS PV SPACES	709962	1058132	218659	410930	1054280	3451963
PCT PV SPACES USED	14.88	41.55	82.66	83.67	52.68	60.09
NEW SPACES ADDED	897887	2117543	1277000	860761	226917	5380108
PEOPLE SHELTERED NEW + PV	654837	2299144	2059088	2852795	1261984	9054181
PCT TOTAL POP SHELTERED	4.69	3.68	6.27	22.03	66.97	7.29
SURPLUS NEW SPACES	367187	570707	259913	186659	138825	1523291
PCT NEW SPACES USED	59.11	73.05	79.65	78.31	38.82	71.69
STATISTICS FOR 30-MINUTE WALKING DISTANCES						
PEOPLE IN PV SHELTERS	393632	1169107	1249349	2582327	1220999	6449491
PCT TOTAL POP SHELTERED	2.82	1.87	3.80	19.99	64.79	5.19
SURPLUS PV SPACES	440469	641280	11311	265526	841250	2199836
PCT PV SPACES USED	47.19	64.58	99.10	89.45	62.24	74.57
NEW SPACES ADDED	897887	2117543	1277000	860761	226917	5380108
PEOPLE SHELTERED NEW + PV	1100699	2996962	2348037	3226864	1315841	10863681
PCT TOTAL POP SHELTERED	7.88	4.79	7.15	24.98	69.83	8.75
SURPLUS NEW SPACES	184590	301928	178312	189011	112087	965918
PCT NEW SPACES USED	79.44	85.74	86.04	78.04	50.60	82.05