

**Table 2. Funding for Biological and Environmental Research  
(Dollars in Millions)**

Research	Appropriations	
	FY 1984	FY 1985
Human health research to quantify risks of late effects of acute and chronic exposures via epidemiological studies of workers and the general population and to develop methods to detect and measure latent disease induction or identify highly susceptible individuals	25.6	24.8
Health effects research in biological systems to define experimentally dose-response relationships and the factors influencing carcinogenic, mutagenic, and toxicological risks of energy-related exposures; and basic biological research to elucidate the mechanisms by which physical and chemical agents may cause their effects	57.0	59.5
Environmental research to determine the mechanisms that control and influence total ecosystems and the cycling of energy by-products through them	23.8	21.3
Physical and technological research to characterize energy-related emissions to which humans may be exposed and improve measurement and dosimetry instrumentation	27.6	35.4
Health and environmental risk analysis of emerging energy technologies	1.8	0.0
Nuclear medicine: research to develop new radioisotopes, labeled compounds, clinical procedures, and visualization devices for improved diagnosis, treatment, and study of human diseases	20.8	21.8
CO <sub>2</sub> <sup>a</sup>	12.4	13.3
Program direction	3.3	3.5
Total operating	173.3	179.6
Capital equipment and construction	10.7	10.9
Total	184.0	190.5

<sup>a</sup>CO<sub>2</sub> research is managed by the Basic Energy Sciences Program staff but is budgeted under the Biological and Environmental Research Program. CO<sub>2</sub> research is not discussed in this report.