
October 1998

ENVIRONMENTAL PROTECTION

EPA's Science and Technology Funds



**Resources, Community, and
Economic Development Division**

B-281073

October 30, 1998

The Honorable F. James Sensenbrenner, Jr.
Chairman
The Honorable George E. Brown, Jr.
Ranking Minority Member
Committee on Science
House of Representatives

Each year, the Environmental Protection Agency (EPA) provides a justification for requested appropriations for the forthcoming fiscal year to the congressional appropriations committees. This budget justification contains information that supplements the President's Budget submitted to the Congress and also shows levels of funding for the previous fiscal year. This justification is used by the appropriations committees and other committees during deliberations on EPA's budget, programs, and other activities. EPA's fiscal year 1999 budget justification differed significantly from its fiscal year 1998 justification because it was organized according to the agency's strategic goals and objectives (e.g., Clean Air: Reduce Emissions of Air Toxics) that were established in the strategic plan EPA had prepared to meet the requirements of the Government Performance and Results Act. In contrast, the fiscal year 1998 budget justification was organized according to EPA's program offices and components (e.g., Office of Air and Radiation: Air Toxics), and the different formats made comparing information contained in the budget justifications for fiscal years 1998 and 1999 challenging for congressional committees.

The President's Budget for fiscal year 1999 requested \$633 million for EPA's Science and Technology budget account, which funds scientific research and related activities that support its regulatory and other environmental programs. Like the rest of EPA's fiscal year 1999 budget justification, the budget justification for Science and Technology was presented according to EPA's various strategic goals and objectives. For fiscal year 1998, \$614 million was requested for Science and Technology programs, and \$631 million was appropriated.

Because of the difficulty in identifying and comparing the proposed funds in the Science and Technology account for the budget justifications for fiscal years 1998 and 1999, you requested that we (1) identify EPA's Science and Technology requested funds by the agency's strategic goals and objectives, (2) determine for each of EPA's program offices the amount of Science and Technology funds they plan to administer in fiscal year 1999,

and (3) provide a “crosswalk” (or clear link) of funds appropriated for fiscal year 1998 by program components to strategic goals and objectives and determine the process or information available that can be used to readily compare the funds that are requested for EPA’s Science and Technology account in future years.

Results in Brief

EPA organized its request for \$633 million for its Science and Technology account for fiscal year 1999 according to the agency’s strategic goals and objectives in its budget justification provided to the appropriations committees. These funds are divided under all 10 goals and further segmented into 25 of 45 objectives that are identified under the strategic goals. Seventy-one percent of the Science and Technology funds is proposed to fund two of EPA’s strategic goals—Sound Science and Clean Air. The funds in this account are divided among nine objectives under these two goals.

In fiscal year 1999, 6 of EPA’s 14 program offices will administer the requested Science and Technology funds. Two program offices, the Office of Research and Development and the Office of Air and Radiation, will administer \$485 and \$132 million, respectively, or over 97 percent of all the Science and Technology funds requested. The remaining 3 percent of these funds will be administered by four other program offices.

EPA did not maintain financial records by both program components and strategic goals and objectives for all 1998 appropriated Science and Technology funds. Estimates of the 1998 appropriated amounts were subsequently developed by EPA, at our request, to fully compare that year’s amounts to the fiscal year 1999 requested amounts. EPA plans to submit future budget justifications and maintain appropriated amounts for fiscal year 1999 in the format of its strategic goals and objectives. This format will facilitate comparisons of future requests with the fiscal year 1999 budget justification. EPA also plans to provide additional information in the fiscal year 2000 justification to facilitate comparisons of strategic goals and objectives with major components of its programs.

Background

Prior to submitting its fiscal year 1999 budget justification, EPA had organized its budget justifications to the appropriations committees by its budget accounts and for each account by program offices and program components. Funds appropriated and requested were shown by program offices, and in fiscal year 1998 the requested Science and Technology

funds were allocated under six program offices and 28 program components.

In response to the Government Performance and Results Act and other related management reform initiatives, EPA presented its fiscal year 1999 budget justification according to the agency's strategic goals and objectives that had been established in its September 1997 strategic plan. The budget request linked requested funds with the agency's new structure of strategic goals and objectives, a presentation that is intended to meet the requirements of the Government Performance and Results Act.

The format and contents of budget justifications are not prescribed in regulations, and the fiscal year 1999 justification did not contain a breakdown by program offices or program components. Therefore, the justification for fiscal year 1999 could not be readily used to compare amounts requested or appropriated for fiscal year 1998. The congressional committees' analysis of budget justifications compares the funds requested for the future budget year with the funds appropriated for the prior 2 years. To facilitate such a comparison, agency officials provided supplemental information to the congressional committees. This information included crosswalks in the form of tables that linked amounts for specific program components to the agency's various strategic goals and objectives used in the fiscal year 1999 justification. Comparison of fiscal year 1998 appropriated amounts with fiscal year 1999 requested amounts was difficult because financial crosswalks for all amounts were not readily available to use with the budget justification.

Science and Technology Funds Identified by Strategic Goals and Objectives

Funds for EPA's Science and Technology account were requested for all 10 of the agency's strategic goals and for 25 of its 45 strategic objectives for fiscal year 1999. Two strategic goals, Sound Science and Clean Air,¹ accounted for 71 percent of the requested funds for Science and Technology (see table 1).

¹Strategic goals and objectives for Sound Science and Clean Air were also funded by other appropriations. Throughout this report, we discuss only funds for EPA's Science and Technology account.

Table 1: Science and Technology Funds Requested for EPA's 10 Strategic Goals and Objectives, Fiscal Year 1999

Strategic goals	Objectives	Fiscal year 1999 request	Percentage of total request
Sound science, improved understanding of environmental risks, and greater innovation to address environmental problems	5	\$312,955,700	49.4%
Clean air	4	137,154,200	21.7%
Reduction of global and cross-environmental risks	1	67,406,500	10.6%
Clean and safe water	3	55,335,700	8.7%
Expansion of Americans' right to know about their environment	1	18,648,300	2.9%
Preventing pollution and reducing risks in communities, homes, workplaces, and ecosystems	3	14,383,600	2.3%
Better waste management, restoration of contaminated sites, and emergency response	3	14,139,300	2.2%
A credible deterrent to pollution and greater compliance with the law	2	8,760,700	1.4%
Safe food	2	4,450,000	0.7%
Effective management	1	226,000	<0.1%
Total	25	\$633,460,000	100.0%

Source: GAO's analysis of EPA's fiscal year 1999 Justification of Appropriation Estimates for the Committees on Appropriations and data provided by EPA.

A more detailed comparison of fiscal year 1998 appropriated funds and fiscal year 1999 requested Science and Technology funds by EPA's strategic goals and objectives is contained in appendix I.

Six of EPA's Program Offices Will Administer Science and Technology Funds for Fiscal Year 1999

Under EPA's budget proposal, 6 of EPA's 14 program offices would be administering Science and Technology funds in fiscal year 1999. Two program offices, Research and Development and Air and Radiation, requested a combined \$617 million, or over 97 percent of the total funds for Science and Technology that were requested (see table 2).

Table 2: EPA's Program Offices That Will Be Administering Fiscal Year 1999 Science and Technology Funds

Program office	Fiscal year 1999 Science and Technology request	Percentage of total request
Research and Development	\$485,487,000	76.6%
Air and Radiation	131,546,400	20.8%
Enforcement and Compliance Assurance	8,760,700	1.4%
Prevention, Pesticides, and Toxic Substances	5,313,600	0.8%
Water	2,126,300	0.3%
Administration and Resources Management	226,000	<0.1%
Total	\$633,460,000	100.0%

Source: GAO's analysis of EPA's fiscal year 1999 Justification of Appropriation Estimates for the Committees on Appropriations and data provided by EPA.

A more detailed comparison of the program offices that will be administering the fiscal year 1999 Science and Technology funds by EPA's strategic goals and objectives is contained in appendix II.

Information Available for Comparing Requested and Appropriated Funds for Science and Technology

To compare EPA's requested fiscal year 1999 funds for Science and Technology to the previous fiscal year's appropriated funds, EPA would have had to maintain financial records in two different formats—by program components and by strategic goals and objectives—and to develop crosswalks to link information between the two. EPA was not required to but maintained these two formats for some of the Science and Technology funds but not for others. Guidance from the Office of Management and Budget (OMB) does not require agencies to develop or provide crosswalks in their justifications when a budget format changes. However, OMB examiners or congressional committee staffs may request crosswalks during their analysis of a budget request. According to EPA officials, the agency will maintain its financial records by strategic goals and objectives for future comparisons of budget justifications and will use this format to request funds for fiscal year 2000. This approach will facilitate comparisons of the appropriated amounts for fiscal year 1999 with the requested amounts for fiscal year 2000.

Prior Year Comparisons

Two program offices, Research and Development and Air and Radiation, which accounted for over 97 percent of the funds that were requested for Science and Technology for fiscal year 1999, maintained their financial

records differently. The Office of Research and Development maintained the appropriated budget for fiscal year 1998 by program components, the old format, and also by EPA's strategic goals and objectives, the new format. With these two formats of financial data, the Office of Research and Development could readily crosswalk or provide links to help compare the 1998 appropriated funds by program components to the fiscal year 1999 budget justification, which is organized according to EPA's strategic goals and objectives. A crosswalk of appropriated funds between the Office of Research and Development's 11 program categories and EPA's 16 strategic objectives is shown in appendix III.

The Office of Air and Radiation maintained financial records for fiscal year 1998 under EPA's new strategic goals and objectives format and did not maintain this information by the format based on the old program components because the agency was moving to the new format. Therefore, the Office of Air and Radiation could only estimate how the fiscal year 1998 appropriated funds would have been classified under the old format. For example, EPA estimated that the Office of Air and Radiation's program component for radiation had an appropriated fiscal year 1998 budget of \$4.6 million. While the activities of this program component continued in fiscal year 1999, the justification was presented as part of EPA's various strategic goals and objectives. Because the radiation program could not be readily identified in the fiscal year 1999 budget justification, congressional decisionmakers could not easily compare it with the fiscal year 1998 appropriated amount. At our request, the Office of Air and Radiation estimated its appropriated budget for fiscal year 1998 by program components and then developed a crosswalk to link amounts to EPA's strategic goals and objectives. An estimated crosswalk between the Office of Air and Radiation's eight program components and EPA's nine strategic objectives is shown in appendix IV.

The remaining 3 percent of the requested Science and Technology funds is administered by the Office of Water; the Office of Administration and Resources Management; the Office of Prevention, Pesticides, and Toxic Substances; and the Office of Enforcement and Compliance Assurance. Two of these offices—the Office of Prevention, Pesticides, and Toxic Substances and the Office of Enforcement and Compliance Assurance—did not format financial information by program components. These offices estimated how the 1998 appropriated funds would be classified under their program components. Crosswalks for these offices are shown in appendixes V-VIII.

Future Year Comparisons

EPA plans to submit future budget justifications in the strategic goals and objectives format, as it did for fiscal year 1999. Therefore, the formats for fiscal year 1999 and fiscal year 2000 will be similar, which will facilitate comparisons. In addition, according to EPA officials, EPA plans to modify its format for budget justifications starting with its fiscal year 2000 budget justification, by providing tables for each goal and objective that will show the amount of funds requested for key programs.²

According to EPA officials, EPA does not plan to identify the program offices that will be administering the requested funds in its budget justification for fiscal year 2000. However, according to EPA officials, backup information will be available to show the program offices that will be administering the requested funds. According to EPA officials and an EPA draft policy on budget execution, the agency's new Planning, Budgeting, Analysis, and Accountability System will record budget data by goals, objectives, subobjectives, program offices, and program components. EPA expected that this system would be fully implemented on October 1, 1998. EPA will be formatting its future budget justifications according to the agency's strategic goals and objectives instead of its key programs.

According to EPA officials, the strategic goals and objectives in EPA's fiscal year 2000 justification will be the same as those in its fiscal year 1999 justification. However, beginning in fiscal year 1999, the agency will reassess its strategic goals and objectives, as required by the Government Performance and Results Act. This assessment will involve EPA's working with state governments, tribal organizations, and congressional committees to evaluate its goals and objectives to determine if any of them should be modified. Upon completion of this assessment, if any of EPA's goals or objectives change, the structure of the agency's budget justification would change correspondingly. Changes to the strategic goals and objectives in the budget justifications will also require crosswalks and additional information to make year-to-year comparisons.

Conclusions

Formatting EPA's budget justification for fiscal year 1999 by the agency's strategic goals and objectives was a significant departure from its fiscal year 1998 budget justification, which was structured according to the agency's program offices and their components. While formatting its budget justification this way was responsive to the Government Performance and Results Act, it made comparisons of fiscal year 1998

²On September 30, 1998, EPA issued guidance requiring the use of the term "key programs" for future budgets.

appropriated amounts and fiscal year 1999 requested amounts difficult because financial crosswalks for all amounts were not readily available to use with the budget justification. As a result, congressional committees were not able to easily compare the amounts that were requested in the fiscal year 1999 justification with the amounts that had been appropriated for fiscal year 1998. Management initiatives taken and planned by EPA should promote comparisons of the amounts that are appropriated for fiscal year 1999 with the amounts that will be requested for fiscal year 2000.

Agency Comments

We provided copies of a draft of this report to EPA for review and comment. The agency generally agreed that the report provided a good characterization of the crosswalks needed to compare the amounts that had been appropriated for fiscal year 1998 with the amounts that were requested for fiscal year 1999. EPA suggested technical changes to the report to help ensure accurate information regarding the agency's processes to develop future budget requests, and we incorporated the agency's comments.

Scope and Methodology

We performed our work at EPA's headquarters office located in Washington, D.C. We reviewed the Justifications of Appropriation Estimates for the Committees on Appropriations prepared by EPA for fiscal years 1998 and 1999 to identify (1) the requested Science and Technology funds by strategic goals and objectives, (2) which EPA program offices would be administering funds from Science and Technology, and (3) the appropriated 1998 funds by program components and to determine the process and the available information that can be used to readily compare requested amounts for Science and Technology in future years. We also met with EPA officials and reviewed additional documentation prepared by EPA. We did not independently verify the data provided by EPA. We conducted our review from July 1998 through October 1998 in accordance with generally accepted government auditing standards.

We are sending copies of this report to appropriate congressional committees; the Administrator, EPA; and other interested parties. We will also make copies available to others on request.

Major contributors to this report were Everett O. Pace and John A. Wanska. Please call me at (202) 512-6111 if you or your staff have any questions.

A handwritten signature in black ink, appearing to read "P. F. Guerrero". The signature is stylized with a large, looped initial "P" and a long, sweeping horizontal stroke at the end.

Peter F. Guerrero
Director, Environmental
Protection Issues

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Abbreviations

EPA	Environmental Protection Agency
GAO	General Accounting Office
OMB	Office of Management and Budget

Science and Technology Funds in EPA's Fiscal Year 1998 Appropriated Budget and Fiscal Year 1999 Budget Request by Strategic Goals and Objectives

Strategic goal	Objective	Fiscal year 1998 appropriation	Fiscal year 1999 budget request
Clean air	Attain National Ambient Air Quality Standards for ozone and particulate matter	\$126,773,900	\$115,862,600
	Reduce emissions of air toxics	19,201,900	17,178,400
	Attain National Ambient Air Quality Standards for carbon monoxide, sulfur dioxide, lead, and nitrogen dioxide	114,500	113,200
	Acid rain	4,500,000	4,000,000
Subtotal		\$150,590,300	\$137,154,200
Clean and safe water	Enhance human health through safe drinking water	\$42,063,300	\$37,699,300
	Conserve and enhance nation's water	12,406,500	11,570,700
	Reduce loadings and air disposition	4,278,200	6,065,700
Subtotal		\$58,748,000	\$55,335,700
Safe food	Reduce agricultural pesticides risk	\$1,758,200	\$2,998,200
	Reduce use on food of pesticides not meeting standards	698,600	1,451,800
Subtotal		\$2,456,800	\$4,450,000
Preventing pollution and reducing risks in communities, homes, workplaces, and ecosystems	Reduce public and ecosystem exposure to pesticides	\$638,600	\$863,600
	Safe handling and use of commercial chemicals and microorganisms	10,531,700	9,333,300
	Healthier indoor air	3,828,500	4,186,700
Subtotal		\$14,998,800	\$14,383,600
Better waste management, restoration of contaminated waste sites, and emergency response	Reduce or control risks to human health	\$5,218,700	\$5,935,600
	Prevent releases by proper facility management	6,256,700	6,589,800
	Response to all known emergencies	1,610,300	1,613,900
Subtotal		\$13,085,700	\$14,139,300
Reduction of global and cross-environmental risks	Climate change	\$31,593,600	\$67,406,500
Subtotal		\$31,593,600	\$67,406,500
Expansion of Americans' right to know about their environment	Enhance ability to protect public health	\$9,133,700	\$18,648,300
Subtotal		\$9,133,700	\$18,648,300

(continued)

**Appendix I
Science and Technology Funds in EPA's
Fiscal Year 1998 Appropriated Budget and
Fiscal Year 1999 Budget Request by
Strategic Goals and Objectives**

Strategic goal	Objective	Fiscal year 1998 appropriation	Fiscal year 1999 budget request
Sound science, improved understanding of environmental risks, and greater innovation to address environmental problems	Research for ecosystem assessment and restoration	\$100,363,000	\$84,537,200
	Research for human health risk assessment	48,639,700	47,556,100
	Research to detect emerging risk issues	42,444,800	49,591,100
	Pollution prevention and new technology for environmental protection	65,682,100	44,657,000
	Enable research on innovative approaches to current and future environmental problems	85,013,400	86,614,300
Subtotal		\$342,143,000	\$312,955,700
A credible deterrent to pollution and greater compliance with the law	Enforcement tools to reduce noncompliance	\$8,116,800	\$8,662,800
	Promote voluntary compliance	98,300	97,900
Subtotal		\$8,215,100	\$8,760,700
Effective management	Management services, administrative, and stewardship	\$35,000	\$226,000
Subtotal		\$35,000	\$226,000
Grand total		\$631,000,000	\$633,460,000

Source: GAO's analysis of fiscal years 1998 and 1999 Justifications of Appropriation Estimates for the Committees on Appropriations and data provided by EPA.

EPA Offices That Will Administer Fiscal Year 1999 Science and Technology Funds

Strategic goal	Objective	National program office				
		Research and Development	Air and Radiation	Water	Prevention, Pesticides, and Toxic Substances	Enforcement and Compliance Assurance
Clean air	Attain National Ambient Air Quality Standards for ozone and particulate matter	\$44,285,700	\$71,576,900			
	Reduce emissions of air toxics	15,392,600	1,785,800			
	Attain National Ambient Air Quality Standards for carbon monoxide, sulfur dioxide, lead, and nitrogen dioxide		113,200			
	Acid rain		4,000,000			
Clean and safe water	Enhance human health through safe drinking water	35,573,000		\$2,126,300		
	Conserve and enhance nation's water	11,570,700				
	Reduce loadings and air disposition	6,065,700				
Safe food	Reduce agricultural pesticides use				\$2,998,200	
	Reduce use on food of pesticides not meeting standards				1,451,800	
Preventing pollution and reducing risks in communities, homes, workplaces, and ecosystems	Reduce public and ecosystem exposure to pesticides				863,600	
	Safe handling and use of commercial chemicals and microorganisms	9,333,300				
	Healthier indoor air	2,213,500	1,973,200			

(continued)

**Appendix II
EPA Offices That Will Administer Fiscal
Year 1999 Science and Technology Funds**

Strategic goal	Objective	National program office				
		Research and Development	Air and Radiation	Water	Prevention, Pesticides, and Toxic Substances	Enforcement and Compliance Assurance
Better waste management, restoration of contaminated waste sites, and emergency response	Reduce or control risks to human health	\$2,922,100	\$3,013,500			
	Prevent releases by proper facility management	6,025,400	564,400			
	Response to all known emergencies		1,613,900			
Reduction of global and cross-environmental risks	Climate change	20,501,000	46,905,500			
Expansion of Americans' right to know about their environment	Enhance ability to protect public health	18,648,300				
Sound science, improved understanding of environmental risks, and greater innovation to address environmental problems	Research for ecosystem assessment and restoration	84,537,200				
	Research for human health risk assessment	47,556,100				
	Research to detect emerging risk issues	49,591,100				
	Pollution prevention and new technology for environmental protection	44,657,000				

(continued)

**Appendix II
EPA Offices That Will Administer Fiscal
Year 1999 Science and Technology Funds**

Strategic goal	Objective	National program office					
		Research and Development	Air and Radiation	Water	Prevention, Pesticides, and Toxic Substances	Enforcement and Compliance Assurance	Administration and Resources Management
	Enable research on innovative approaches to current and future environmental problems	\$86,614,300					
A credible deterrent to pollution and greater compliance with the law	Enforcement tools to reduce noncompliance					\$8,662,800	
	Promote voluntary compliance					97,900	
Effective management	Management services, administrative, and stewardship						\$226,000
Grand total	\$633,460,000	\$485,487,000	\$131,546,400	\$2,126,300	\$5,313,600	\$8,760,700	\$226,000

Source: GAO's analysis of fiscal years 1998 and 1999 Justifications of Appropriation Estimates for the Committees on Appropriations and data provided by EPA.

Crosswalk of Appropriated Budget by Program Components to Strategic Objectives, FY 1998, Research and Development

ORD program component	1998 appropriated budget	Objective				
		Conserve and enhance nation's water	Safe handling and use of commercial chemicals and microorganisms	Reduce loadings and air disposition	Enhance ability to protect public health	Ecosystem protection and restoration
Ecosystem protection	\$117,587,200	\$12,406,500	\$5,758,500	\$4,278,200	\$146,200	\$94,997,800
Human health protection	52,483,300		4,773,200		2,082,700	
New technology and pollution prevention	51,874,400				6,904,800	
Waste management and site remediation	5,208,500					
Waste site/risk characterization	3,101,800					
Science quality and infrastructure	141,479,400					5,365,200
Special environmental hazards	14,108,000					
Criteria air	76,011,200					
Total		\$12,406,500	\$10,531,700	\$4,278,200	\$9,133,700	\$100,363,000

**Appendix III
Crosswalk of Appropriated Budget by
Program Components to Strategic
Objectives, FY 1998, Research and
Development**

Objective

Human health risk assessment	Prevent release by proper facility management	Pollution prevention and new technology	Reduce or control risk to human health	Attain NAAQS for ozone and particulate matter ^a	Detect emerging health issues	Enable research on innovative approaches
\$45,627,400						
	\$173,100	\$44,796,500				
	2,507,700		\$2,700,800			
	3,101,800					
3,012,300		20,885,600			\$27,202,900	\$85,013,400
					14,108,000	
				\$74,877,300	1,133,900	
\$48,639,700	\$5,782,600	\$65,682,100	\$2,700,800	\$74,877,300	\$42,444,800	\$85,013,400

Objective

ORD program component	1998 appropriated budget	Climate change	Enhance human health through drinking water	Reduce emissions of air toxics	Healthier indoor air
Global change	\$14,642,900	\$14,642,900			
Drinking water	40,316,300		\$40,316,300		
Air toxics	19,923,000			\$17,788,200	\$2,134,800
Total		\$14,642,900	\$40,316,300	\$17,788,200	\$2,134,800

^aNational Ambient Air Quality Standards.

Source: GAO's analysis of data provided by EPA.

Crosswalk of Appropriated Budget by Program Components to Strategic Objectives, FY 1998, Air and Radiation

OAR program component	1998 appropriated budget	Objective		
		Attain NAAQS for ozone and PM	Reduce emissions of air toxics	Attain NAAQS for CO, SO ₂ , NO ₂ , and lead
Ozone/CO/NOx	\$29,300,500	\$29,188,800		\$111,700
PM/visibility/ regional haze/lead	22,093,300	22,093,300		
Air toxics	1,391,700		\$1,391,700	
Acid rain/SO ₂	4,500,000			
Climate change	16,950,700			
Indoor environments	1,693,700			
Radiation	4,582,800			
Working capital fund	658,800	614,500	22,000	2,800
Total		\$51,896,600	\$1,413,700	\$114,500

**Appendix IV
 Crosswalk of Appropriated Budget by
 Program Components to Strategic
 Objectives, FY 1998, Air and Radiation**

Objective					
Acid rain	Healthier indoor air	Reduce or control risks to human health	Prevent releases by proper facility management	Respond to all known emergencies	Climate change
\$4,500,000					\$16,950,700
	\$1,693,700				
		\$2,508,000	\$464,500	\$1,610,300	
		9,900	9,600		
\$4,500,000	\$1,693,700	\$2,517,900	\$474,100	\$1,610,300	\$16,950,700

Legend

NAAQS = National Ambient Air Quality Standards
 CO = Carbon monoxide
 NO₂ = Nitrogen dioxide
 NO_x = Nitrogen oxide
 PM = Particulate matter
 SO₂ = Sulfur dioxide

Source: GAO's analysis of data provided by EPA.

Crosswalk of Appropriated Budget by Program Component to Strategic Objective, FY 1998, Water

Program component for Water	1998 appropriated budget	Objective Enhance human health through safe drinking water
Drinking water technical support center	\$1,747,000	\$1,747,000

Source: GAO's analysis of data provided by EPA.

Crosswalk of Appropriated Budget by Program Component to Strategic Objective, FY 1998, Administration and Resources Management

Program component for Administration and Resources Management		1998 appropriated budget	Objective Management services, administrative, and stewardship
Essential infrastructure		\$35,000	\$35,000

Source: GAO's analysis of data provided by EPA.

Crosswalk of Appropriated Budget by Program Components to Strategic Objectives, FY 1998, Prevention, Pesticides, and Toxic Substances

Program component for Prevention, Pesticides, and Toxic Substances	1998 appropriated budget	Objective		
		Reduce agricultural pesticides' use	Reduce use on food of pesticides not meeting standards	Reduce public and ecosystem exposure to pesticides
Registration	\$1,381,900	\$1,097,800		\$284,100
Reregistration and special projects	1,713,600	660,500	\$698,600	354,500
Total		\$1,758,300	\$698,600	\$638,600

Source: GAO's analysis of data provided by EPA.

Crosswalk of Appropriated Budget by Program Components to Strategic Objectives, FY 1998, Enforcement and Compliance Assurance

Program component for Enforcement and Compliance Assurance	1998 appropriated budget	Objective	
		Enforcement tools to reduce noncompliance	Promote voluntary compliance
Compliance monitoring	\$2,533,900	\$2,533,900	
Civil enforcement	2,363,400	2,363,400	
Criminal enforcement	3,219,500	3,219,500	
Compliance assistance	98,300		\$98,300
Total		\$8,116,800	\$98,300

Source: GAO's analysis of data provided by EPA.

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