

TABLE C-24. Federal obligations for research in physical and environmental sciences, by agency and detailed field: FY 2002
(Dollars in thousands)

Agency	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, nec	Total	Atmospheric	Geological	Oceanography	Environmental sciences, nec
All agencies	4,983,230	751,527	1,181,738	2,621,366	428,599	3,418,276	1,163,517	674,893	784,648	795,218
Departments										
Department of Agriculture	93,207	0	87,972	5,235	0	14,976	13,574	1,402	0	0
Agricultural Research Service	64,231	0	61,241	2,990	0	4,243	4,147	96	0	0
Cooperative State Research, Ed., and Extension Service	17,702	0	17,702	0	0	4,357	4,357	0	0	0
Forest Service	11,274	0	9,029	2,245	0	6,376	5,070	1,306	0	0
Department of Commerce	129,627	350	44,843	82,882	1,552	407,377	155,500	37,583	157,577	56,717
National Institute of Standards and Technology	110,981	350	39,017	70,062	1,552	2,260	0	826	1,434	0
National Oceanic and Atmospheric Administration	18,646	0	5,826	12,820	0	405,117	155,500	36,757	156,143	56,717
Department of Defense	515,034	0	186,249	273,882	54,903	313,024	35,772	13,943	225,361	37,948
Defense Agencies	164,387	0	72,921	86,179	5,287	28,079	5,086	8,007	12,086	2,900
Ballistic Missile Defense Organization	24	0	0	0	24	0	0	0	0	0
Chemical and Biological Defense	51,541	0	51,541	0	0	0	0	0	0	0
Defense Advanced Research Projects Agency	16,311	0	3,762	7,286	5,263	4,582	0	0	4,582	0
Defense Threat Reduction Agency	44,984	0	0	44,984	0	0	0	0	0	0
Washington Headquarters Services	51,527	0	17,618	33,909	0	23,497	5,086	8,007	7,504	2,900
Department of the Air Force	165,534	0	25,601	135,555	4,378	6,864	1,880	1,844	0	3,140
Air Force, Materials Command	165,534	0	25,601	135,555	4,378	6,864	1,880	1,844	0	3,140
Department of the Army	121,054	0	60,136	33,041	27,877	35,329	12,057	4,092	75	19,105
Department of the Navy	64,059	0	27,591	19,107	17,361	242,752	16,749	0	213,200	12,803
Department of Energy	2,074,780	0	268,956	1,660,445	145,379	313,199	108,719	91,841	6,742	105,897
Energy Efficiency and Renewable Energy	45,932	0	45,932	0	0	0	0	0	0	0
Fossil Energy	33,315	0	33,315	0	0	18,970	0	0	0	18,970
National Nuclear Security Administration	521,706	0	57,243	369,754	94,709	5,790	50	5,690	0	50
Defense Programs	428,807	0	0	353,230	75,577	0	0	0	0	0
Nonproliferation and Verification	92,899	0	57,243	16,524	19,132	5,790	50	5,690	0	50
Office of Science	1,423,157	0	132,466	1,290,691	0	201,562	108,669	86,151	6,742	0
Other Department of Energy programs	50,670	0	0	0	50,670	86,877	0	0	0	86,877
Civilian Radioactive Waste Management	50,670	0	0	0	50,670	0	0	0	0	0
Environmental Management	0	0	0	0	0	86,877	0	0	0	86,877
Department of Health and Human Services	430,935	0	376,070	0	54,865	276,086	0	435	0	275,651
Agency for Healthcare Research and Quality	305	0	305	0	0	0	0	0	0	0
Agency for Toxic Substances and Disease Registry	0	0	0	0	0	435	0	435	0	0
National Institutes of Health	430,630	0	375,765	0	54,865	275,651	0	0	0	275,651
Department of Housing and Urban Development	0	0	0	0	0	625	0	0	0	625

See explanatory information, if any, and SOURCE at end of table.

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Agency	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, nec	Total	Atmospheric	Geological	Oceanography	Environmental sciences, nec
Department of the Interior	1,858	0	110	0	1,748	359,986	587	195,669	17,515	146,215
Geological Survey	400	0	0	0	400	334,618	0	193,740	0	140,878
Minerals Management Service	0	0	0	0	0	19,489	396	736	17,465	892
National Park Service ¹	1,458	0	110	0	1,348	5,879	191	1,193	50	4,445
Department of Transportation	96,784	0	0	82,624	14,160	27,549	26,274	0	697	578
Coast Guard	0	0	0	0	0	697	0	0	697	0
Federal Aviation Administration	82,624	0	0	82,624	0	23,668	23,668	0	0	0
Federal Highway Administration	0	0	0	0	0	3,134	2,606	0	0	528
Research and Special Programs Administration	0	0	0	0	0	50	0	0	0	50
Transportation Security Administration	14,160	0	0	0	14,160	0	0	0	0	0
Department of the Treasury	5,318	0	377	0	4,941	0	0	0	0	0
Bureau of Engraving and Printing	5,318	0	377	0	4,941	0	0	0	0	0
Other agencies										
Agency for International Development	0	0	0	0	0	4,407	0	0	0	4,407
Environmental Protection Agency	11,438	0	9,797	0	1,641	110,464	28,696	6,832	23,336	51,600
Federal Communications Commission	260	0	0	260	0	0	0	0	0	0
Library of Congress	243	0	146	0	97	0	0	0	0	0
National Aeronautics and Space Administration	949,215	540,243	48,094	316,966	43,912	1,014,932	615,773	183,372	121,470	94,317
National Archives and Records Administration	120	0	70	50	0	0	0	0	0	0
National Science Foundation	628,706	167,921	158,377	197,007	105,401	571,379	178,537	139,908	231,671	21,263
Smithsonian Institution	45,705	43,013	677	2,015	0	4,272	85	3,908	279	0

¹ Obligations for FYs 2002-2004 are for the National Park Service's (NPS) natural resources program only; data for the NPS cultural resources program were not available for this survey cycle.

nec = Not elsewhere classified.

NOTE: Data for only those agencies and subdivisions that had obligations in the variables represented by this table appear in the table. For additional notes associated with the agencies listed in this table, refer to appendix B.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FYs 2002, 2003, and 2004.