

TABLE 37. Federal obligations for basic research in engineering, by agency and detailed field: FY 2003

(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Engineering, nec
All agencies	1,913,103	255,777	59,469	71,528	51,068	226,321	96,266	580,992	571,682
Departments									
Department of Agriculture	29,801	0	0	4,946	2,021	491	1,521	0	20,822
Agricultural Research Service	5,257	0	0	2,629	818	467	584	0	759
Cooperative State Research, Education, and Extension Service	8,264	0	0	0	0	0	0	0	8,264
Forest Service	16,280	0	0	2,317	1,203	24	937	0	11,799
Department of Commerce	4,571	0	0	685	0	0	0	3,864	22
National Institute of Standards and Technology	4,571	0	0	685	0	0	0	3,864	22
Department of Defense	536,152	32,184	5,966	9,522	4,611	158,642	65,345	121,584	138,298
Defense agencies	216,185	4,685	0	3,166	500	77,068	26,429	67,206	37,131
Defense Advanced Research Projects Agency	69,238	0	0	0	0	10,016	0	33,344	25,878
Washington Headquarters Services	146,947	4,685	0	3,166	500	67,052	26,429	33,862	11,253
Department of the Air Force	131,951	16,363	5,966	3,858	0	15,388	1,346	13,560	75,470
Materiel Command	86,551	16,363	5,966	3,858	0	15,388	1,346	13,560	30,070
Space Command	45,400	0	0	0	0	0	0	0	45,400
Department of the Army	64,340	7,571	0	2,498	4,111	22,171	14,712	11,410	1,867
Civil Functions	2,066	0	0	0	2,066	0	0	0	0
Military Functions	62,274	7,571	0	2,498	2,045	22,171	14,712	11,410	1,867
Department of the Navy	123,676	3,565	0	0	0	44,015	22,858	29,408	23,830
Department of Energy	325,590	0	0	536	0	0	14,021	311,033	0
National Nuclear Security Administration	536	0	0	536	0	0	0	0	0
Nonproliferation and Verification	536	0	0	536	0	0	0	0	0
Office of Science	325,054	0	0	0	0	0	14,021	311,033	0
Department of Health and Human Services	144,979	0	0	0	0	0	0	0	144,979
National Institutes of Health	144,979	0	0	0	0	0	0	0	144,979
Department of the Interior	255	0	0	0	213	42	0	0	0
Geological Survey	255	0	0	0	213	42	0	0	0
Department of Transportation	24,455	0	0	0	2,356	0	0	0	22,099
Federal Highway Administration	24,455	0	0	0	2,356	0	0	0	22,099
Department of Veterans Affairs	4,641	0	0	0	0	0	0	0	4,641

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Other agencies									
Environmental Protection Agency	6,338	0	0	609	0	0	0	0	5,729
National Aeronautics and Space Administration	352,949	223,593	53,503	2,461	219	10,810	7,551	12,494	42,318
National Science Foundation	483,372	0	0	52,769	41,648	56,336	7,828	132,017	192,774

nec = not elsewhere classified.

NOTES: Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.