

Table 772. Federal Obligations for Research in Current and Constant (2000) Dollars by Field of Science: 1980 to 2007

[In millions of dollars (11,597 represents \$11,597,000,000). For fiscal years ending in year shown; see text, Section 8. Excludes R&D plant]

Field of science	1980	1990	2000	2002	2003	2004	2005	2006, prel.	2007, prel.
CURRENT DOLLARS									
Research, total	11,597	21,622	38,471	48,007	51,072	54,450	53,738	54,964	55,089
Basic	4,674	11,286	19,570	23,668	24,751	26,121	27,140	27,680	28,264
Applied	6,923	10,337	18,901	24,338	26,320	27,237	26,598	27,284	26,825
Life sciences	4,192	8,830	17,965	25,477	27,772	27,729	28,543	28,207	27,811
Psychology	199	449	1,627	906	1,104	1,855	1,916	1,934	1,912
Physical sciences	2,001	3,809	4,788	4,983	5,022	5,211	5,473	5,394	5,648
Environmental sciences	1,261	2,174	3,329	3,418	3,741	3,742	3,876	3,754	3,636
Mathematics and computer sciences	241	841	2,206	2,631	2,672	2,949	3,115	3,081	3,182
Engineering	2,830	4,227	6,346	8,275	8,405	8,866	9,481	9,397	9,487
Social sciences	524	630	1,050	983	1,026	1,090	1,132	1,178	1,215
Other sciences, n.e.c. ¹	350	664	1,160	1,334	1,329	1,916	2,010	2,034	2,199
CONSTANT (2000) DOLLARS ²									
Research, total	21,848	26,622	38,471	46,272	48,236	50,179	48,032	47,658	46,080
Basic	8,806	13,896	19,570	22,686	23,271	24,072	24,258	24,001	23,642
Applied	13,043	12,727	18,901	23,328	24,747	25,101	23,774	23,657	22,438
Life sciences	7,898	10,872	17,965	24,419	26,112	25,458	25,510	24,584	23,263
Psychology	375	553	1,627	868	1,038	1,703	1,712	1,686	1,599
Physical sciences	3,770	4,690	4,788	4,776	4,721	4,784	4,892	4,701	4,724
Environmental sciences	2,376	2,677	3,329	3,276	3,517	3,435	3,464	3,272	3,041
Mathematics and computer sciences	454	1,035	2,206	2,521	2,513	2,708	2,784	2,685	2,662
Engineering	5,332	5,204	6,346	7,931	7,903	8,140	8,473	8,190	7,936
Social sciences	987	776	1,050	942	964	1,000	1,011	1,026	1,016
Other sciences, n.e.c. ¹	659	818	1,160	1,279	1,250	1,759	1,797	1,773	1,839

¹ Not elsewhere classified. ² Based on gross domestic product implicit price deflator.