

TABLE 55. Funds for industrial basic research, applied research, and development performed in the United States: 1953–2007

(Millions of current and constant 2000 dollars)

Year	All R&D		Basic research		Applied research		Development	
	Current \$	Constant \$	Current \$	Constant \$	Current \$	Constant \$	Current \$	Constant \$
1953	3,630	19,896	151	828	726	3,979	2,753	15,089
1954	4,070	22,098	166	901	814	4,420	3,090	16,777
1955	4,640	24,753	189	1,008	928	4,951	3,523	18,794
1956	6,605	34,056	253	1,304	1,268	6,538	5,084	26,214
1957	7,731	38,581	271	1,352	1,670	8,334	5,790	28,895
1958	8,389	40,925	295	1,439	1,911	9,323	6,183	30,163
1959	9,618	46,349	320	1,542	1,991	9,595	7,307	35,212
1960	10,509	49,946	376	1,787	2,029	9,643	8,104	38,516
1961	10,908	51,266	395	1,856	1,977	9,292	8,536	40,118
1962	11,464	53,154	488	2,263	2,449	11,355	8,527	39,536
1963	12,630	57,946	522	2,395	2,457	11,273	9,651	44,279
1964	13,512	61,056	549	2,481	2,600	11,749	10,363	46,827
1965	14,185	62,948	592	2,627	2,658	11,795	10,935	48,525
1966	15,548	67,085	624	2,692	2,843	12,267	12,081	52,126
1967	16,385	68,575	629	2,632	2,915	12,200	12,841	53,742
1968	17,429	69,959	642	2,577	3,124	12,540	13,663	54,843
1969	18,308	70,015	618	2,363	3,287	12,570	14,403	55,081
1970	18,067	65,621	602	2,187	3,427	12,447	14,038	50,987
1971	18,320	63,368	590	2,041	3,415	11,812	14,315	49,515
1972	19,552	64,815	593	1,966	3,514	11,649	15,445	51,201
1973	21,249	66,719	631	1,981	3,825	12,010	16,793	52,728
1974	22,887	65,908	699	2,013	4,288	12,348	17,900	51,547
1975	24,187	63,648	730	1,921	4,570	12,026	18,887	49,701
1976	26,997	67,162	819	2,037	5,112	12,717	21,066	52,407
1977	29,825	69,764	911	2,131	5,636	13,183	23,278	54,450
1978	33,304	72,785	1,035	2,262	6,300	13,768	25,969	56,754
1979	38,226	77,150	1,158	2,337	7,225	14,582	29,843	60,231
1980	44,505	82,352	1,325	2,452	8,450	15,636	34,730	64,265
1981	51,810	87,637	1,614	2,730	10,699	18,097	39,497	66,809
1982	58,650	93,503	1,904	3,035	12,323	19,646	44,423	70,822
1983	65,268	100,093	2,223	3,409	13,927	21,358	49,118	75,326
1984	74,800	110,561	2,608	3,855	15,765	23,302	56,427	83,404
1985	84,239	120,834	2,862	4,105	18,255	26,185	63,122	90,544
1986	87,823	123,261	4,047	5,680	19,759	27,732	64,017	89,849
1987	92,155	125,902	4,324	5,907	19,813	27,069	68,018	92,926
1988	97,015	128,168	4,500	5,945	20,748	27,410	71,767	94,812
1989	102,055	129,912	5,216	6,640	22,691	28,885	74,148	94,387
1990	109,727	134,486	5,128	6,285	24,785	30,377	79,814	97,823
1991	116,952	138,498	7,837	9,281	27,446	32,502	81,669	96,715
1992	119,110	137,883	7,002	8,106	26,168	30,292	85,940	99,485
1993	117,400	132,835	6,919	7,829	24,686	27,932	85,796	97,076
1994	119,595	132,503	7,017	7,774	23,490	26,025	89,088	98,703
1995	132,103	143,425	6,099	6,622	27,454	29,807	98,552	106,998
1996	144,667	154,143	8,207	8,745	29,241	31,156	107,218	114,241
1997	157,539	165,112	10,419	10,920	32,642	34,211	114,478	119,981
1998	169,180	175,367	6,421	6,656	32,438	33,624	130,320	135,086
1999	184,129	188,140	7,202	7,359	36,912	37,716	140,015	143,065
2000	201,962	201,961	7,588	7,588	39,446	39,446	154,929	154,929
2001	202,017	197,284	8,053	7,864	44,012	42,981	149,952	146,439
2002	193,868	186,077	7,547	7,244	28,533	27,386	157,788	151,447

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(Millions of current and constant 2000 dollars)

Year	All R&D		Basic research		Applied research		Development	
	Current \$	Constant \$	Current \$	Constant \$	Current \$	Constant \$	Current \$	Constant \$
2003	200,724 r	188,644 r	8,330 r	7,829 r	37,334 r	35,087 r	155,060 r	145,728 r
2004	208,301	190,357	7,835	7,160	45,432	41,518	155,034	141,679
2005	226,159	200,609	8,667	7,688	45,284	40,168	172,207	152,752
2006	247,669	213,348	8,384	7,222	51,173	44,082	188,111	162,043
2007	269,267	224,970	11,269	9,415	57,569	48,098	200,430	167,458

r = data significantly revised; replaces previously published data.

NOTES: In 2001 estimates for 1998, 1999, and 2000 were recalculated. Consequently, statistics for 1998 and later years are not directly comparable to statistics for 1997 and earlier years.

Beginning with 2001, excludes federally funded research and development centers. Gross domestic product implicit price deflators were used to convert current dollars to constant 2000 dollars. During statistical processing, when R&D was not allocated among the three character-of-work categories (basic research, applied research, and development) by survey respondents, algorithms were used to do the allocation. See table A-7 for the amount of undistributed R&D and the number of companies that reported R&D in each category. The R&D in this table is the industrial R&D performed within company facilities funded from all sources. The funds are the company's own; funds from outside organizations, such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments; and funds from the federal government. Excludes R&D performed outside of the company (e.g., R&D performed by other organizations) and R&D performed outside of the 50 U.S. states and DC (e.g., R&D not performed on U.S. soil by foreign subsidiaries or other foreign organizations). Improved edit checks and imputation routines were implemented during statistical processing of 2001 survey results to produce the basic research, applied research, and development estimates. For definitions and more information about year-to-year comparability of the statistics, see technical notes and survey methodology.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2007.