

Historical Table. Total U.S. R&D

Historical Table. U.S. R&D as Percent of Gross Domestic Product, 1953-2007

(calendar years)	Total U.S. R&D (\$ millions)	U.S. GDP * (\$ BILLIONS)	R&D / GDP Ratio	Federal R&D ** (\$ millions)	Industry R&D ** (\$ millions)	All Other R&D ** (\$ millions)	Federal R&D / GDP Ratio	Nonfederal R&D/GDP Ratio
1953	5,160	379	1.36%	2,783	2,247	131	0.73%	0.63%
1954	5,617	380	1.48%	3,098	2,375	144	0.81%	0.66%
1955	6,281	415	1.51%	3,603	2,522	156	0.87%	0.65%
1956	8,500	438	1.94%	4,978	3,346	176	1.14%	0.81%
1957	9,908	461	2.15%	6,233	3,470	206	1.35%	0.80%
1958	10,915	467	2.34%	6,974	3,707	234	1.49%	0.84%
1959	12,490	507	2.47%	8,167	4,065	258	1.61%	0.85%
1960	13,711	526	2.60%	8,915	4,516	280	1.69%	0.91%
1961	14,564	545	2.67%	9,484	4,757	323	1.74%	0.93%
1962	15,636	586	2.67%	10,138	5,124	375	1.73%	0.94%
1963	17,519	618	2.84%	11,645	5,456	418	1.89%	0.95%
1964	19,103	664	2.88%	12,764	5,888	451	1.92%	0.96%
1965	20,252	719	2.82%	13,194	6,549	510	1.83%	0.98%
1966	22,072	788	2.80%	14,165	7,331	576	1.80%	1.00%
1967	23,346	833	2.80%	14,563	8,146	638	1.75%	1.05%
1968	24,666	910	2.71%	14,964	9,008	695	1.64%	1.07%
1969	25,996	985	2.64%	15,228	10,011	757	1.55%	1.09%
1970	26,271	1,039	2.53%	14,984	10,449	838	1.44%	1.09%
1971	26,952	1,127	2.39%	15,210	10,824	918	1.35%	1.04%
1972	28,740	1,238	2.32%	16,039	11,715	986	1.30%	1.03%
1973	30,952	1,383	2.24%	16,587	13,299	1,066	1.20%	1.04%
1974	33,359	1,500	2.22%	17,287	14,885	1,187	1.15%	1.07%
1975	35,671	1,638	2.18%	18,533	15,824	1,314	1.13%	1.05%
1976	39,435	1,825	2.16%	20,292	17,702	1,441	1.11%	1.05%
1977	43,338	2,031	2.13%	22,071	19,642	1,625	1.09%	1.05%
1978	48,719	2,295	2.12%	24,414	22,457	1,849	1.06%	1.06%
1979	55,379	2,563	2.16%	27,225	26,097	2,057	1.06%	1.10%
1980	63,224	2,790	2.27%	29,986	30,929	2,309	1.07%	1.19%
1981	72,292	3,128	2.31%	33,739	35,948	2,605	1.08%	1.23%
1982	80,748	3,255	2.48%	37,133	40,692	2,922	1.14%	1.34%
1983	89,950	3,537	2.54%	41,451	45,264	3,235	1.17%	1.37%
1984	102,244	3,933	2.60%	46,470	52,187	3,586	1.18%	1.42%
1985	114,671	4,220	2.72%	52,641	57,962	4,068	1.25%	1.47%
1986	120,249	4,463	2.69%	54,622	60,991	4,635	1.22%	1.47%
1987	126,360	4,740	2.67%	58,609	62,576	5,175	1.24%	1.43%
1988	133,880	5,104	2.62%	60,130	67,977	5,773	1.18%	1.45%
1989	141,889	5,484	2.59%	60,464	74,966	6,459	1.10%	1.48%
1990	151,990	5,803	2.62%	61,607	83,208	7,175	1.06%	1.56%
1991	160,872	5,996	2.68%	60,780	92,300	7,792	1.01%	1.67%
1992	165,347	6,338	2.61%	60,912	96,229	8,206	0.96%	1.65%
1993	165,726	6,657	2.49%	60,524	96,549	8,653	0.91%	1.58%
1994	169,202	7,072	2.39%	60,773	99,203	9,226	0.86%	1.53%
1995	183,620	7,398	2.48%	62,964	110,870	9,785	0.85%	1.63%
1996	197,340	7,817	2.52%	63,389	123,416	10,535	0.81%	1.71%
1997	212,144	8,304	2.55%	64,568	136,227	11,348	0.78%	1.78%
1998	226,456	8,747	2.59%	66,376	147,845	12,235	0.76%	1.83%
1999	245,041	9,268	2.64%	67,046	164,660	13,335	0.72%	1.92%
2000	267,562	9,817	2.73%	66,406	186,136	15,019	0.68%	2.05%
2001	277,745	10,128	2.74%	72,826	188,440	16,479	0.72%	2.02%
2002	276,602	10,470	2.64%	77,699	180,711	18,191	0.74%	1.90%
2003	289,038	10,961	2.64%	83,606	186,174	19,259	0.76%	1.87%
2004	299,905	11,686	2.57%	88,749	191,377	19,779	0.76%	1.81%
2005	323,005	12,434	2.60%	93,734	207,841	21,430	0.75%	1.84%
2006	347,871	13,195	2.64%	97,701	227,276	22,894	0.74%	1.90%
2007 (prelim.)	368,098	13,844	2.66%	98,331	245,027	24,740	0.71%	1.95%

Source: National Science Foundation, Division of Science Resources Statistics.

The complete data are available at <http://www.nsf.gov/statistics> in *National Patterns of R&D Resources*.

* Gross Domestic Product. ** - Data are by funding source. **These data are not adjusted for inflation.**

These data are based on performer surveys of expenditures for calendar years, and thus differ from data presented elsewhere from AAAS (agency budget authority data by fiscal year). These data also exclude R&D facilities.

AAAS from NSF data - August 2008 - www.aaas.org/spp/rd