

Table. Historical Data on Federal R&D, FY 1976-2009

Historical Table. Trends in Federal R&D as % of GDP, FY 1976-2009  
(budget authority in millions of dollars, and as % of Gross Domestic Product)

MARCH 2008 REVISED

fiscal years	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
Research	7,619	8,514	9,607	10,535	11,597	12,213	13,022	14,254	14,979	16,133	16,502	17,941	18,650	20,766	21,622	23,968	24,491	26,891	27,411	28,056	28,579	29,386	30,983	33,425	38,425	43,826	48,255	52,790	55,326	56,530	
Development	13,160	14,936	16,238	17,610	18,233	20,891	23,410	24,458	27,246	32,226	34,910	37,313	38,119	40,641	41,937	37,327	41,102	40,424	39,824	40,700	40,600	42,338	42,600	44,321	40,425	42,959	49,412	59,809	66,592	70,120	
Total R&D	22,055	25,271	27,765	30,451	33,044	37,327	38,738	40,042	46,007	51,734	54,621	58,645	61,033	64,284	66,446	68,747	71,941	72,928	71,074	70,948	71,206	73,934	75,942	80,171	83,769	91,534	103,100	118,120	126,321	131,308	
GDP (billions)	1,737	1,974	2,217	2,501	2,727	3,055	3,228	3,441	3,840	4,142	4,412	4,647	5,009	5,401	5,735	5,935	6,240	6,576	6,961	7,326	7,694	8,182	8,628	9,125	9,710	10,058	10,377	10,809	11,500	12,238	
As % of GDP:																															
Research	0.43%	0.44%	0.43%	0.43%	0.42%	0.43%	0.40%	0.40%	0.41%	0.39%	0.39%	0.37%	0.39%	0.37%	0.38%	0.38%	0.40%	0.39%	0.41%	0.39%	0.38%	0.37%	0.36%	0.36%	0.37%	0.40%	0.44%	0.47%	0.49%	0.48%	
Development	0.79%	0.76%	0.76%	0.73%	0.70%	0.67%	0.68%	0.73%	0.71%	0.71%	0.78%	0.79%	0.80%	0.76%	0.75%	0.73%	0.63%	0.66%	0.61%	0.57%	0.56%	0.53%	0.52%	0.49%	0.49%	0.42%	0.43%	0.48%	0.55%	0.58%	
Facilities	0.05%	0.05%	0.07%	0.06%	0.06%	0.06%	0.05%	0.04%	0.04%	0.05%	0.04%	0.03%	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%	0.05%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.05%	0.05%	0.05%	0.05%	0.04%	
Total R&D	1.27%	1.27%	1.28%	1.25%	1.22%	1.21%	1.22%	1.20%	1.16%	1.20%	1.25%	1.24%	1.26%	1.22%	1.19%	1.16%	1.16%	1.15%	1.11%	1.02%	0.97%	0.93%	0.90%	0.88%	0.88%	0.86%	0.91%	0.99%	1.09%	1.10%	

Source: AAAS Reports I through XXXIII, based on OMB and agency R&D budget data.

Includes conduct of R&D and R&D facilities.

The research, development, and facilities percentages do not add together for total R&D for earlier years because of differences in how components are calculated.

\*\* - Latest estimates of FY 2008 appropriations.

\*\*\* - Latest AAAS estimates of R&D in the FY 2009 request.

GDP figures from Budget of the U.S. Government FY 2009 Historical Table 10.1

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fiscal years	2006	2007	2008**	2009***
Research	55,646	56,764	57,445	57,282
Development	76,022	81,366	80,570	85,366
Total R&D	136,063	141,933	142,456	147,364
GDP (billions)	13,016	13,668	14,312	15,027
As % of GDP:				
Research	0.46%	0.46%	0.43%	0.40%
Development	0.57%	0.57%	0.58%	0.56%
Facilities	0.04%	0.04%	0.03%	0.03%
Total R&D	1.07%	1.07%	1.05%	1.00%

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Source: AAAS f  
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GDP figures fro