

Table. Historical Data on Federal R&D, FY 1976-2007

Historical Table 1. Total R&D by Agency, FY 1976-2007  
(budget authority in millions of dollars)

MARCH '06 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	2006**	2007***	
DOD	10,067	11,478	11,944	12,958	14,021	17,363	20,848	23,673	27,935	31,978	35,000	37,136	38,126	38,578	37,869	37,209	37,779	38,848	35,510	35,349	35,783	37,238	37,569	38,888	39,960	42,740	49,877	59,296	65,948	70,269	72,485	74,076	
NASA	3,529	3,795	4,038	4,559	5,243	5,523	4,589	2,735	2,994	3,562	3,729	4,332	4,687	5,920	7,112	8,124	8,544	8,815	9,406	9,459	9,432	9,352	9,751	9,717	9,494	9,887	10,224	10,681	10,803	10,618	11,295	12,202	
DOE	3,069	4,154	5,053	5,442	5,769	6,156	5,406	5,165	5,637	5,979	5,540	5,422	5,821	6,255	6,988	7,339	8,133	7,444	6,771	6,416	6,273	6,217	6,351	6,966	6,956	7,733	8,078	8,454	8,713	8,620	8,721	9,047	
HHS	2,602	2,874	3,398	3,530	3,806	4,012	3,939	4,371	4,875	5,502	5,653	6,669	7,218	7,964	8,533	9,566	10,180	10,472	11,324	11,517	12,033	12,912	13,842	15,825	18,182	21,045	24,016	27,696	28,521	29,161	29,111	29,062	
NIH *	2,263	2,483	2,840	3,222	3,445	3,570	3,696	4,053	4,622	5,265	5,412	6,403	6,918	7,551	8,107	8,977	9,624	9,891	10,474	10,762	11,425	12,217	13,110	14,995	17,234	19,807	22,714	26,398	27,248	27,875	27,805	27,810	
NSF	669	724	789	838	912	957	974	1,059	1,248	1,419	1,400	1,527	1,587	1,762	1,729	1,893	1,972	2,014	2,243	2,396	2,391	2,424	2,501	2,670	2,931	3,320	3,525	3,926	4,123	4,102	4,175	4,523	
USDA	518	543	633	716	715	817	830	885	976	1,002	960	1,092	1,117	1,139	1,223	1,391	1,519	1,467	1,528	1,487	1,488	1,556	1,561	1,645	1,776	2,181	2,112	2,343	2,222	2,410	2,411	2,012	
Interior	325	327	363	410	410	412	385	388	364	389	383	408	426	480	531	620	643	649	708	668	571	591	536	499	618	621	623	643	627	621	635	595	
DOT	322	331	373	350	397	407	312	371	489	439	379	309	314	326	354	411	621	621	641	666	601	612	590	607	607	718	778	700	665	707	838	767	
EPA	273	292	379	384	342	375	285	232	249	306	324	345	374	397	424	459	493	497	588	554	482	595	637	669	558	574	592	567	662	641	600	557	
DOC	231	253	281	332	358	345	308	325	363	392	395	417	410	427	453	537	583	793	1,022	1,118	992	964	1,091	1,084	1,174	1,030	1,227	1,197	1,120	1,121	1,074	1,064	
DHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266	737	1,028	1,240	1,281	1,149		
VA	114	113	115	123	136	159	139	161	197	214	185	223	197	218	218	224	250	253	277	263	263	588	587	644	645	719	756	817	866	742	765	765	
Other	336	387	399	809	935	801	723	676	681	554	673	765	755	819	1,013	974	1,224	1,055	1,058	1,055	896	883	927	957	868	965	1,025	1,064	1,023	1,037	1,075	1,066	
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	131,289	134,465	136,885	
R&D:																																	
Defense	11,065	12,478	13,258	14,300	15,430	19,022	22,898	25,648	30,498	34,714	37,644	39,833	40,972	41,579	40,978	40,375	41,231	42,114	38,299	37,833	38,465	40,047	40,571	42,085	43,161	46,202	53,731	63,708	70,344	74,641	76,900	78,388	
Nondef.	10,990	12,793	14,507	16,151	17,614	18,305	15,840	14,393	15,510	17,020	16,977	18,812	20,061	22,705	25,467	28,372	30,709	30,815	32,775	33,115	32,767	33,886	35,307	38,086	40,608	45,332	49,368	54,413	55,978	56,648	57,565	58,498	
Basic^	2,469	2,892	3,982	4,492	5,108	5,107	5,440	6,243	7,065	7,795	8,161	9,014	9,506	10,618	11,279	12,407	12,943	13,444	13,693	13,772	14,442	14,961	15,523	17,433	19,470	21,376	23,848	25,323	26,529	27,678	27,834	28,188	

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

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

\* Between FY 1991 and 1992, R&D from ADAMHA (HHS) transferred to NIH. ADAMHA R&D included in NIH totals for all years.

\*\* - Latest estimates for FY 2006.

\*\*\* - Estimates of President's request.

^ - Basic Research

Table. Historical Data on Federal R&D, FY 1976-2007

Historical Table 2. Total R&D by Agency, FY 1976-2007

MARCH '06 REVISED

(budget authority in millions of CONSTANT FY 2006 dollars)

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	2006**	2007***	
DOD	29,334	31,115	30,336	30,457	30,300	34,175	38,406	41,766	47,532	52,700	56,369	58,286	58,016	56,508	53,483	50,649	50,164	50,439	45,134	44,004	43,705	44,702	44,559	45,525	45,854	47,913	54,864	63,961	69,472	72,039	72,485	72,484	
NASA	10,283	10,288	10,256	10,716	11,330	10,871	8,454	4,825	5,094	5,869	6,005	6,800	7,132	8,671	10,044	11,058	11,345	11,445	11,955	11,775	11,521	11,226	11,565	11,376	10,895	11,084	11,246	11,522	11,381	10,886	11,295	11,940	
DOE	8,943	11,261	12,834	12,791	12,467	12,117	9,959	9,113	9,591	9,853	8,923	8,511	8,858	9,162	9,869	9,990	10,800	9,665	8,607	7,987	7,662	7,464	7,533	8,155	7,982	8,669	8,886	9,119	9,178	8,837	8,721	8,853	
HHS	7,582	7,791	8,630	8,297	8,225	7,897	7,256	7,712	8,294	9,067	9,104	10,467	10,984	11,665	12,051	13,022	13,517	13,597	14,393	14,337	14,697	15,500	16,417	18,526	20,864	23,592	26,417	29,875	30,044	29,895	29,111	28,437	
NIH *	6,594	6,731	7,212	7,573	7,446	7,026	6,809	7,151	7,865	8,677	8,717	10,050	10,527	11,060	11,450	12,220	12,779	12,842	13,312	13,397	13,954	14,666	15,549	17,555	19,776	22,205	24,985	28,475	28,703	28,577	27,805	27,212	
NSF	1,949	1,963	2,004	1,970	1,971	1,884	1,794	1,868	2,123	2,339	2,255	2,397	2,415	2,581	2,442	2,577	2,618	2,614	2,851	2,983	2,921	2,910	2,966	3,125	3,363	3,722	3,878	4,235	4,343	4,206	4,175	4,425	
USDA	1,509	1,472	1,608	1,683	1,545	1,608	1,529	1,561	1,661	1,651	1,546	1,714	1,700	1,668	1,728	1,894	2,017	1,905	1,943	1,851	1,817	1,868	1,851	1,926	2,038	2,445	2,323	2,527	2,341	2,471	2,411	1,969	
Interior	947	886	922	964	886	811	709	684	619	641	617	641	648	703	750	844	854	843	899	832	697	710	635	584	709	696	685	694	660	637	635	582	
DOT	938	897	947	823	858	801	575	655	832	724	610	485	478	478	500	560	825	806	814	829	734	735	699	711	697	805	856	755	700	725	838	751	
EPA	795	792	963	903	739	738	525	410	423	503	521	541	569	582	599	625	654	645	748	690	589	714	756	783	640	643	651	612	697	657	600	545	
DOC	673	686	714	780	774	679	567	573	617	645	636	655	623	625	639	731	775	1,030	1,299	1,392	1,212	1,157	1,294	1,269	1,347	1,155	1,349	1,292	1,180	1,150	1,074	1,041	
DHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	293	795	1,083	1,271	1,281	1,124	
VA	332	306	292	289	294	313	256	284	335	353	298	350	300	319	308	305	331	328	351	327	321	706	696	754	740	806	832	881	912	761	765	749	
Other	979	1,049	1,013	1,902	2,021	1,577	1,332	1,193	1,159	913	1,084	1,201	1,149	1,199	1,430	1,325	1,626	1,370	1,345	1,313	1,095	1,060	1,100	1,121	996	1,082	1,128	1,148	1,078	1,063	1,075	1,043	
Total R&D	64,266	68,506	70,519	71,574	71,409	73,470	71,363	70,645	78,282	85,258	87,968	92,047	92,872	94,161	93,842	93,578	95,524	94,688	90,338	88,319	86,970	88,753	90,071	93,855	96,125	102,614	113,408	127,414	133,071	134,597	134,465	133,944	
R&D:																																	
Defense	32,242	33,826	33,672	33,612	33,344	37,440	42,183	45,251	51,892	57,209	60,626	62,520	62,346	60,904	57,874	54,959	54,748	54,679	48,680	47,096	46,981	48,074	48,120	49,268	49,527	51,794	59,104	68,720	74,102	76,522	76,900	76,703	
Nondef.	32,024	34,680	36,846	37,962	38,064	36,029	29,180	25,394	26,390	28,049	27,342	29,526	30,526	33,257	35,968	38,620	40,776	40,009	41,658	41,223	40,021	40,679	41,876	44,586	46,598	50,820	54,304	58,694	58,969	58,076	57,565	57,241	
Basic^	7,194	7,840	10,114	10,558	11,038	10,052	10,022	11,015	12,020	12,847	13,144	14,148	14,465	15,553	15,929	16,889	17,186	17,455	17,404	17,144	17,640	17,960	18,411	20,408	22,342	23,963	26,232	27,316	27,946	28,376	27,834	27,582	

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

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

Constant dollar conversions based on OMB's GDP deflators from the FY 2007 budget.

\* Between FY 1991 and 1992, R&D from ADAMHA (HHS) transferred to NIH. ADAMHA R&D included in NIH totals for all years.

\*\* - Latest estimates for FY 2006.

\*\*\* - Estimates of President's request.

^ - Basic Research