

Table. Historical Data on Federal R&D, FY 1976-2003

Historical Table 1. Total R&D by Agency, FY 1976-2003

March '02 - REVISED

(budget authority in millions of 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***	
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	49,639	54,827	
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	10,232	10,676	
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	8,361	8,323	
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	22,795	26,452	
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	3,526	3,651	
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	2,334	2,118	
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	660	628	
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	736	
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	627	
DOC	231	253	281	332	358	345	308	325	363	392	395	417	410	427	453	537	583	793	1,022	1,118	966	964	1,091	1,084	1,174	1,030	1,096	1,100	
Other *	789	891	1,072	1,240	1,432	1,402	1,105	1,155	1,131	1,005	1,099	1,254	1,253	1,450	1,656	1,787	2,029	1,890	2,185	2,073	1,794	2,166	2,247	2,431	2,461	2,922	3,137	2,909	
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	103,150	112,047	
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	53,478	58,774	
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	32,741	33,886	35,371	38,086	40,608	45,332	49,672	53,273	
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	23,635	25,499	

Source: AAAS Reports I through XXVI, 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 estimate for FY 2002.

*** - AAAS estimates of President's FY 2003 request.

^ - Basic Research

Table. Historical Data on Federal R&D, FY 1976-2003

Historical Table 2. Total R&D by Agency, FY 1976-2003
(budget authority in millions of CONSTANT FY 2002 dollars)

March '02 - 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***	
DOD	27,179	28,825	28,071	28,163	27,992	31,598	35,456	38,568	43,888	48,636	51,983	53,672	53,360	51,992	49,187	46,516	46,027	46,226	41,362	40,298	39,994	40,827	40,615	41,498	41,781	43,679	49,639	53,858	
NASA	9,528	9,530	9,490	9,909	10,467	10,051	7,804	4,456	4,704	5,417	5,538	6,261	6,559	7,978	9,237	10,156	10,410	10,489	10,956	10,783	10,543	10,253	10,542	10,369	9,927	10,105	10,232	10,487	
DOE	8,286	10,432	11,875	11,828	11,517	11,203	9,194	8,415	8,856	9,093	8,228	7,837	8,148	8,430	9,076	9,175	9,909	8,858	7,887	7,314	7,012	6,817	6,866	7,434	7,273	7,903	8,361	8,176	
NIH *	6,110	6,236	6,674	7,003	6,878	6,496	6,286	6,603	7,262	8,008	8,038	9,254	9,682	10,176	10,530	11,223	11,726	11,769	12,200	12,269	12,769	13,395	14,172	16,002	18,020	20,242	22,795	25,984	
NSF	1,806	1,818	1,854	1,821	1,821	1,742	1,656	1,725	1,961	2,158	2,079	2,207	2,221	2,374	2,245	2,367	2,402	2,396	2,612	2,731	2,673	2,658	2,704	2,849	3,065	3,393	3,526	3,586	
USDA	1,398	1,364	1,488	1,556	1,427	1,487	1,412	1,442	1,534	1,524	1,426	1,578	1,563	1,535	1,589	1,739	1,851	1,745	1,780	1,695	1,663	1,706	1,688	1,755	1,857	2,229	2,334	2,081	
Interior	877	821	853	891	819	750	655	631	571	591	569	590	596	646	689	775	783	772	824	762	638	648	579	532	646	635	660	617	
DOT	869	831	877	761	793	741	531	605	768	668	563	446	440	440	459	514	757	739	746	759	672	671	637	648	635	734	778	723	
EPA	737	733	891	835	683	682	485	378	391	465	481	498	523	535	551	574	600	591	685	632	539	652	689	714	583	586	592	616	
DOC	624	635	660	722	715	628	524	529	570	595	587	603	573	575	588	671	711	944	1,190	1,275	1,079	1,057	1,179	1,156	1,227	1,053	1,096	1,080	
Other *	2,130	2,237	2,520	2,695	2,858	2,552	1,879	1,882	1,777	1,529	1,632	1,813	1,753	1,954	2,151	2,234	2,472	2,249	2,545	2,363	2,005	2,375	2,429	2,594	2,573	2,987	3,137	2,858	
Total R&D	59,544	63,463	65,253	66,183	65,969	67,929	65,881	65,235	72,282	78,683	81,124	84,760	85,420	86,636	86,304	85,944	87,647	86,778	82,788	80,880	79,586	81,059	82,100	85,553	87,588	93,545	103,150	110,066	
R&D:																													
Defense	29,873	31,336	31,158	31,080	30,805	34,617	38,943	41,786	47,915	52,797	55,910	57,571	57,343	56,037	53,225	50,475	50,233	50,111	44,612	43,129	42,992	43,907	43,861	44,910	45,128	47,217	53,478	57,735	
Nondef.	29,671	32,127	34,095	35,103	35,165	33,312	26,938	23,449	24,367	25,886	25,214	27,189	28,077	30,599	33,079	35,469	37,414	36,666	38,177	37,751	36,594	37,152	38,239	40,642	42,460	46,328	49,672	52,331	
Basic^	6,666	7,263	9,358	9,763	10,198	9,294	9,252	10,171	11,099	11,856	12,121	13,028	13,304	14,310	14,650	15,511	15,769	15,997	15,950	15,700	16,142	16,403	16,782	18,603	20,358	21,845	23,635	25,048	

Source: AAAS Reports I through XXVI, 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 2003 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 estimate for FY 2002.

*** - AAAS estimates of President's FY 2003 request.

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