

**Table I-11. Historical Tables: Federal R&D by Agency, FY 1998-2009**

(budget authority in millions of dollars)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008**	2009***
DOD	37,569	38,888	39,960	42,740	49,877	59,296	65,948	70,269	74,289	79,009	77,782	80,688
NASA	9,751	9,717	9,494	9,887	10,224	10,681	10,803	10,618	11,295	11,582	12,188	12,780
DOE	6,351	6,966	6,956	7,733	8,078	8,454	8,713	8,620	8,584	9,035	9,661	10,519
HHS	13,842	15,825	18,182	21,045	24,016	27,696	28,521	29,171	28,976	29,621	29,816	29,973
<i>NIH</i>	<i>13,110</i>	<i>14,995</i>	<i>17,234</i>	<i>19,807</i>	<i>22,714</i>	<i>26,398</i>	<i>27,248</i>	<i>27,875</i>	<i>27,747</i>	<i>28,350</i>	<i>28,676</i>	<i>28,666</i>
NSF	2,501	2,670	2,931	3,320	3,525	3,926	4,123	4,102	4,183	4,440	4,479	5,175
USDA	1,561	1,645	1,776	2,181	2,112	2,343	2,222	2,418	2,438	2,275	2,324	1,955
Interior	536	499	618	621	623	643	627	621	639	647	676	618
DOT	590	607	607	718	778	700	665	707	817	767	820	902
EPA	637	669	558	574	592	567	662	641	622	557	548	541
Commerce	1,091	1,084	1,174	1,030	1,227	1,197	1,120	1,121	1,062	1,073	1,138	1,152
DHS	0	0	0	0	266	737	1,028	1,240	1,300	996	992	1,033
VA	587	644	645	719	756	817	866	742	769	819	891	884
All Other	927	957	868	965	1,025	1,064	1,023	1,037	1,088	1,113	1,140	1,145
Total R&D	75,942	80,171	83,769	91,534	103,100	118,120	126,321	131,308	136,063	141,933	142,456	147,364
Defense R&D	40,571	42,085	43,161	46,202	53,731	63,708	70,344	74,641	78,737	82,658	81,500	84,513
Nondef. R&D	35,307	38,086	40,608	45,332	49,368	54,413	55,978	56,667	57,349	59,276	60,956	62,851
Basic Res.	15,523	17,433	19,470	21,376	23,848	25,323	26,529	27,678	27,336	28,166	28,694	29,656

(continued)

**Table I-11 (continued). Historical Tables: Federal R&D by Agency, FY 1998-2009 in constant FY 2008 dollars**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008**	2009***
<b>(in constant FY 2008 dollars)</b>												
DOD	47,319	48,346	48,695	50,882	58,263	67,892	73,594	75,980	77,754	80,535	77,782	79,091
NASA	12,282	12,081	11,570	11,771	11,943	12,230	12,056	11,481	11,821	11,806	12,188	12,527
DOE	7,999	8,660	8,477	9,206	9,437	9,679	9,723	9,320	8,984	9,209	9,661	10,310
HHS	17,434	19,674	22,157	25,054	28,054	31,711	31,827	31,542	30,327	30,193	29,816	29,380
<i>NIH</i>	<i>16,512</i>	<i>18,643</i>	<i>21,002</i>	<i>23,580</i>	<i>26,533</i>	<i>30,225</i>	<i>30,407</i>	<i>30,140</i>	<i>29,041</i>	<i>28,898</i>	<i>28,676</i>	<i>28,099</i>
NSF	3,150	3,319	3,572	3,953	4,118	4,496	4,601	4,436	4,378	4,526	4,479	5,073
USDA	1,966	2,045	2,164	2,597	2,467	2,682	2,480	2,615	2,552	2,319	2,324	1,916
Interior	675	620	753	739	728	736	699	672	669	659	676	606
DOT	743	755	740	855	909	801	742	764	856	782	820	884
EPA	802	831	680	683	691	649	739	693	650	567	548	530
Commerce	1,374	1,347	1,430	1,226	1,433	1,371	1,250	1,213	1,112	1,093	1,138	1,129
DHS	0	0	0	0	311	844	1,148	1,341	1,360	1,016	992	1,013
VA	739	801	786	856	883	935	966	802	805	835	891	867
All Other	<u>1,168</u>	<u>1,190</u>	<u>1,058</u>	<u>1,149</u>	<u>1,198</u>	<u>1,218</u>	<u>1,142</u>	<u>1,121</u>	<u>1,139</u>	<u>1,135</u>	<u>1,140</u>	<u>1,122</u>
Total R&D	95,652	99,670	102,081	108,972	120,435	135,245	140,966	141,980	142,409	144,676	142,456	144,448
Defense R&D	51,101	52,321	52,596	55,003	62,766	72,944	78,499	80,708	82,409	84,255	81,500	82,841
Nondef. R&D	44,470	47,349	49,485	53,968	57,669	62,302	62,468	61,273	60,023	60,421	60,956	61,607
Basic Res.	19,552	21,673	23,726	25,448	27,858	28,995	29,604	29,928	28,611	28,710	28,694	29,069

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

Constant dollar conversions based on OMB's GDP deflators from the FY 2008 budget.

\*\* - Latest estimate for FY 2008. \*\*\* - AAAS estimates of request. The full table ('76-'09) is available at [www.aaas.org/spp/rd](http://www.aaas.org/spp/rd)