

Table 1A. R&amp;D by Agency in FY 2000 House Appropriations

**Table 1A. Total R&D by Agency**  
**HOUSE Action on R&D in the FY 2000 Budget**  
**(budget authority in millions of dollars)**

	FY 1999 Est.	FY 2000 Request	FY 2000 House	Action by House			
				Chg. from Amount	Request Percent	Chg. from Amount	FY 1999 Percent
Defense (military)	37,975	35,065	<b>37,788</b>	2,722	7.8%	-187	-0.5%
("S&T" 6.1,6.2,6.3 + Medical)	7,791	7,386	<b>8,229</b>	843	11.4%	438	5.6%
(All Other DOD R&D)	30,184	27,679	<b>29,558</b>	1,879	6.8%	-625	-2.1%
National Aeronautics & Space Admin.	9,715	9,770	<b>9,032</b>	-738	-7.6%	-683	-7.0%
Energy	6,974	7,467	<b>6,775</b>	-692	-9.3%	-199	-2.9%
Health and Human Services	15,750	16,047	<b>17,061</b>	1,014	6.3%	1,311	8.3%
(National Institutes of Health)	14,971	15,289	<b>16,251</b>	962	6.3%	1,280	8.6%
National Science Foundation	2,714	2,890	<b>2,641</b>	-249	-8.6%	-73	-2.7%
Agriculture	1,638	1,850	<b>1,604</b>	-246	-13.3%	-34	-2.1%
Interior	567	584	<b>558</b>	-26	-4.5%	-9	-1.6%
Transportation	603	836	<b>656</b>	-180	-21.5%	53	8.9%
Environmental Protection Agency	669	645	<b>645</b>	0	0.0%	-24	-3.5%
Commerce	1,075	1,172	<b>844</b>	-328	-28.0%	-231	-21.5%
(NOAA)	600	600	<b>547</b>	-53	-8.8%	-53	-8.8%
(NIST)	468	565	<b>290</b>	-275	-48.7%	-178	-38.1%
Education	224	276	<b>223</b>	-53	-19.0%	-1	-0.2%
Agency for Int'l Development	143	94	<b>140</b>	46	49.1%	-3	-2.0%
Department of Veterans Affairs	674	663	<b>673</b>	10	1.5%	-1	-0.1%
Nuclear Regulatory Commission	49	47	<b>46</b>	-1	-2.1%	-3	-6.1%
Smithsonian	138	146	<b>142</b>	-4	-2.6%	4	3.0%
All Other	443	353	<b>348</b>	-5	-1.3%	-95	-21.4%
<b>Total R&amp;D</b>	<b>79,350</b>	<b>77,904</b>	<b>79,177</b>	<b>1,272</b>	<b>1.6%</b>	<b>-174</b>	<b>-0.2%</b>
Defense R&D	41,208	38,483	<b>40,904</b>	2,422	6.3%	-304	-0.7%
Nondefense R&D	38,142	39,422	<b>38,272</b>	-1,149	-2.9%	131	0.3%
Nondefense R&D minus NIH	23,171	24,133	<b>22,021</b>	-2,111	-8.7%	-1,149	-5.0%
Basic Research	17,276	18,101	<b>18,175</b>	74	0.4%	899	5.2%
Applied Research	16,640	16,642	<b>16,543</b>	-98	-0.6%	-97	-0.6%
<b>Total Research</b>	<b>33,916</b>	<b>34,742</b>	<b>34,718</b>	<b>-24</b>	<b>-0.1%</b>	<b>802</b>	<b>2.4%</b>
"21st Century Research Fund"	36,943	38,111	<b>37,704</b>	-407	-1.1%	761	2.1%
"FS&T"	48,326	49,404	<b>48,794</b>	-610	-1.2%	467	1.0%

AAAS estimates. Includes conduct of R&D and R&D facilities. Includes rescissions and emergency appropriations.

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

FY 2000 House figures are AAAS estimates of R&D funding contained in FY 2000 House appropriations bills.

**FY 2000 House figures represent House-approved or House Appropriations Committee-approved funding levels. House action only - Does not reflect House-Senate conference funding levels for Energy-Water, Transportation, and Agriculture bills.**

Table 1B. R&amp;D by Agency in FY 2000 Senate Appropriations

**Table 1B. Total R&D by Agency**  
**SENATE Action on R&D in the FY 2000 Budget**  
**(budget authority in millions of dollars)**

	FY 1999 Est.	FY 2000 Request	FY 2000 Senate	Action by Senate			
				Chg. from Request Amount	Percent	Chg. from FY 1999 Amount	Percent
Defense (military)	37,975	35,065	<b>37,223</b>	2,158	6.2%	-751	-2.0%
("S&T" 6.1,6.2,6.3 + Medical)	7,791	7,386	<b>8,172</b>	786	10.6%	381	4.9%
(All Other DOD R&D)	30,184	27,679	<b>29,051</b>	1,372	5.0%	-1,132	-3.8%
National Aeronautics & Space Admin.	9,715	9,770	<b>9,770</b>	0	0.0%	55	0.6%
Energy	6,974	7,467	<b>7,313</b>	-154	-2.1%	338	4.9%
Health and Human Services	15,750	16,047	<b>17,702</b>	1,654	10.3%	1,951	12.4%
(National Institutes of Health)	14,971	15,289	<b>16,902</b>	1,613	10.5%	1,931	12.9%
National Science Foundation	2,714	2,890	<b>2,880</b>	-10	-0.4%	165	6.1%
Agriculture	1,638	1,850	<b>1,700</b>	-149	-8.1%	63	3.8%
Interior	567	584	<b>577</b>	-8	-1.3%	9	1.6%
Transportation	603	836	<b>630</b>	-206	-24.6%	27	4.5%
Environmental Protection Agency	669	645	<b>644</b>	-1	-0.1%	-24	-3.6%
Commerce	1,075	1,172	<b>1,245</b>	73	6.2%	170	15.8%
(NOAA)	600	600	<b>675</b>	75	12.4%	75	12.4%
(NIST)	468	565	<b>563</b>	-2	-0.3%	96	20.4%
Education	224	276	<b>233</b>	-43	-15.7%	9	3.9%
Agency for Int'l Development	143	94	<b>93</b>	-1	-1.3%	-50	-35.1%
Department of Veterans Affairs	674	663	<b>663</b>	0	0.0%	-11	-1.6%
Nuclear Regulatory Commission	49	47	<b>47</b>	0	0.0%	-2	-4.1%
Smithsonian	138	146	<b>140</b>	-6	-4.2%	2	1.3%
All Other	443	353	<b>392</b>	39	11.0%	-51	-11.5%
<b>Total Senate R&amp;D</b>	<b>79,350</b>	<b>77,904</b>	<b>81,250</b>	<b>3,345</b>	<b>4.3%</b>	<b>1,900</b>	<b>2.4%</b>
Defense R&D	41,208	38,483	<b>40,729</b>	2,246	5.8%	-480	-1.2%
Nondefense R&D	38,142	39,422	<b>40,521</b>	1,099	2.8%	2,379	6.2%
Nondefense R&D minus NIH	23,171	24,133	<b>23,619</b>	-514	-2.1%	448	1.9%
Basic Research	17,276	18,101	<b>18,879</b>	778	4.3%	1,603	9.3%
Applied Research	16,640	16,642	<b>17,255</b>	614	3.7%	615	3.7%
Total Research	<b>33,916</b>	<b>34,742</b>	<b>36,134</b>	<b>1,392</b>	<b>4.0%</b>	<b>2,218</b>	<b>6.5%</b>
"21st Century Research Fund"	36,943	38,111	<b>39,212</b>	1,101	2.9%	2,269	6.1%
"FS&T"	48,326	49,404	<b>51,360</b>	1,956	4.0%	3,033	6.3%

AAAS estimates. Includes conduct of R&D and R&D facilities. Includes rescissions and emergency appropriations.

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

FY 2000 Senate figures are AAAS estimates of R&D funding contained in FY 2000 Senate appropriations bills.

**Senate-approved or Senate Appropriations Committee-approved funding levels.**

**Senate action only - Does not reflect House-Senate conference funding levels for Energy-Water, Transportation, and Agriculture bills.**

Table 2A. Basic and Applied Research in FY 2000 House Appropriations

**Table 2A. Estimated Research by Agency  
HOUSE Action on R&D in the FY 2000 Budget  
(budget authority in millions of dollars)**

	FY 1999 Est.	FY 2000 Request	Action by House				
			FY 2000 House	Chg. from Request Amount	Percent	Chg. from FY 1999 Amount	Percent
<b>Basic Research:</b>							
Health and Human Services	8,429	8,590	<b>9,146</b>	557	6.5%	717	8.5%
<i>National Institutes of Health</i>	8,427	8,588	<b>9,144</b>	556	6.5%	717	8.5%
National Science Foundation	2,333	2,514	<b>2,316</b>	-197	-7.8%	-16	-0.7%
Department of Defense	1,108	1,113	<b>1,142</b>	29	2.6%	34	3.1%
Department of Energy	2,225	2,281	<b>2,232</b>	-48	-2.1%	7	0.3%
National Aeronautics & Space Admin.	2,140	2,466	<b>2,292</b>	-174	-7.1%	151	7.1%
Department of Agriculture	677	776	<b>693</b>	-83	-10.7%	15	2.3%
Department of the Interior	51	53	<b>53</b>	0	-0.2%	2	3.4%
Smithsonian	128	136	<b>132</b>	-4	-2.8%	4	3.2%
Environmental Protection Agency	83	79	<b>79</b>	0	0.0%	-4	-4.8%
Department of Commerce	36	38	<b>37</b>	-1	-2.8%	1	3.5%
All Other	65	55	<b>52</b>	-3	-5.7%	-13	-19.7%
<b>Total Basic Research</b>	<b>17,276</b>	<b>18,101</b>	<b>18,175</b>	<b>74</b>	<b>0.4%</b>	<b>899</b>	<b>5.2%</b>
<b>RESEARCH (basic and applied):</b>							
Health and Human Services	13,657	13,899	<b>14,791</b>	892	6.4%	1,134	8.3%
<i>National Institutes of Health</i>	12,915	13,171	<b>14,017</b>	846	6.4%	1,102	8.5%
National Science Foundation	2,513	2,699	<b>2,487</b>	-212	-7.8%	-26	-1.0%
Department of Defense	4,259	4,072	<b>4,516</b>	443	10.9%	257	6.0%
Department of Energy	4,103	4,379	<b>4,023</b>	-356	-8.1%	-80	-2.0%
National Aeronautics & Space Admin.	4,468	4,424	<b>4,156</b>	-268	-6.1%	-312	-7.0%
Department of Agriculture	1,416	1,643	<b>1,455</b>	-187	-11.4%	39	2.8%
Department of the Interior	536	551	<b>532</b>	-19	-3.5%	-4	-0.7%
Environmental Protection Agency	470	447	<b>447</b>	0	0.0%	-23	-4.9%
Department of Commerce	846	878	<b>687</b>	-191	-21.7%	-159	-18.8%
NOAA	544	543	<b>495</b>	-48	-8.8%	-49	-9.0%
NIST	296	329	<b>187</b>	-143	-43.4%	-110	-37.0%
Department of Transportation	397	576	<b>452</b>	-124	-21.6%	55	13.7%
Department of Veterans Affairs	608	597	<b>606</b>	9	1.5%	-2	-0.3%
Department of Education	157	174	<b>141</b>	-33	-19.0%	-16	-10.3%
All Other	485	403	<b>425</b>	22	5.5%	-60	-12.4%
<b>TOTAL RESEARCH</b>	<b>33,916</b>	<b>34,742</b>	<b>34,718</b>	<b>-24</b>	<b>-0.1%</b>	<b>802</b>	<b>2.4%</b>

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

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

FY 2000 House figures are AAAS estimates of R&D funding contained in FY 2000 House appropriations bills.

**House-approved or House Appropriations Committee-approved funding levels.**

**House action only - Does not reflect House-Senate conference funding levels for Energy-Water, Transportation, and Agriculture bills.**

Table 2B. Basic and Applied Research in FY 2000 Senate Appropriations

**Table 2B. Estimated Research by Agency**  
**SENATE Action on R&D in the FY 2000 Budget**  
**(budget authority in millions of dollars)**

	FY 1999 Est.	FY 2000 Request	Action by Senate				
			FY 2000 SENATE	Chg. from Request Amount	Percent	Chg. from FY 1999 Amount	Percent
<b>Basic Research:</b>							
Health and Human Services	8,429	8,590	<b>9,515</b>	926	10.8%	1,086	12.9%
<i>National Institutes of Health</i>	8,427	8,588	<b>9,513</b>	926	10.8%	1,086	12.9%
National Science Foundation	2,333	2,514	<b>2,518</b>	4	0.2%	185	7.9%
Department of Defense	1,108	1,113	<b>1,142</b>	29	2.6%	35	3.1%
Department of Energy	2,225	2,281	<b>2,208</b>	-72	-3.2%	-17	-0.8%
National Aeronautics & Space Admin.	2,140	2,466	<b>2,419</b>	-47	-1.9%	279	13.0%
Department of Agriculture	677	776	<b>715</b>	-61	-7.9%	37	5.5%
Department of the Interior	51	53	<b>52</b>	-1	-2.0%	1	1.6%
Smithsonian	128	136	<b>130</b>	-6	-4.5%	2	1.5%
Environmental Protection Agency	83	79	<b>79</b>	0	-0.1%	-4	-4.9%
Department of Commerce	36	38	<b>38</b>	0	-0.5%	2	5.9%
All Other	65	55	<b>62</b>	6	11.0%	-4	-5.4%
<b>Total Basic Research</b>	17,276	18,101	<b>18,879</b>	778	4.3%	1,603	9.3%
<b>RESEARCH (basic and applied):</b>							
Health and Human Services	13,657	13,899	<b>15,352</b>	1,452	10.4%	1,694	12.4%
<i>National Institutes of Health</i>	12,915	13,171	<b>14,581</b>	1,410	10.7%	1,666	12.9%
National Science Foundation	2,513	2,699	<b>2,746</b>	47	1.8%	233	9.3%
Department of Defense	4,259	4,072	<b>4,314</b>	242	5.9%	55	1.3%
Department of Energy	4,103	4,379	<b>4,312</b>	-67	-1.5%	209	5.1%
National Aeronautics & Space Admin.	4,468	4,424	<b>4,408</b>	-16	-0.4%	-60	-1.4%
Department of Agriculture	1,416	1,643	<b>1,490</b>	-153	-9.3%	74	5.2%
Department of the Interior	536	551	<b>544</b>	-7	-1.3%	9	1.6%
Environmental Protection Agency	470	447	<b>446</b>	-1	-0.1%	-24	-5.0%
Department of Commerce	846	878	<b>945</b>	66	7.6%	99	11.6%
NOAA	544	543	<b>611</b>	68	12.4%	67	12.2%
NIST	296	329	<b>328</b>	-1	-0.3%	32	10.8%
Department of Transportation	397	576	<b>436</b>	-139	-24.2%	39	9.9%
Department of Veterans Affairs	608	597	<b>597</b>	0	0.0%	-11	-1.8%
Department of Education	157	174	<b>147</b>	-27	-15.7%	-10	-6.6%
All Other	485	403	<b>397</b>	-6	-1.5%	-88	-18.1%
<b>TOTAL RESEARCH</b>	33,916	34,742	<b>36,134</b>	1,392	4.0%	2,218	6.5%

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

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

FY 2000 Senate figures are AAAS estimates of R&D funding contained in FY 2000 Senate appropriations bills.

**Senate-approved or Senate Appropriations Committee-approved funding levels.**

**Senate action only - Does not reflect House-Senate conference funding levels for Energy-Water, Transportation, and Agriculture bills.**

**Table 3A. Major Functional Categories of R&D  
HOUSE Action on R&D in the FY 2000 Budget  
(budget authority in millions of dollars)**

	FY 1999 Est.	FY 2000 Request	Action by House				
			FY 2000 House	Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 1999 Amount	Chg. from FY 1999 Percent
Defense <sup>1</sup>	41,208	38,483	<b>40,904</b>	2,422	6.3%	-304	-0.7%
Nondefense <sup>2</sup>	38,142	39,422	<b>38,272</b>	-1,149	-2.9%	131	0.3%
Space	8,518	8,704	<b>7,905</b>	-799	-9.2%	-614	-7.2%
Health	16,379	16,664	<b>17,688</b>	1,024	6.1%	1,309	8.0%
Energy	1,173	1,353	<b>1,162</b>	-192	-14.2%	-12	-1.0%
General Science	5,365	5,668	<b>5,219</b>	-449	-7.9%	-146	-2.7%
Natural Resources & Environment	2,088	2,104	<b>1,994</b>	-110	-5.2%	-94	-4.5%
Agriculture	1,427	1,608	<b>1,393</b>	-215	-13.4%	-34	-2.4%
Transportation	1,799	1,902	<b>1,783</b>	-118	-6.2%	-16	-0.9%
Commerce	474	571	<b>296</b>	-275	-48.2%	-178	-37.6%
International	194	123	<b>169</b>	46	37.6%	-25	-12.8%
All Other	724	725	<b>664</b>	-61	-8.4%	-60	-8.3%
<b>Total R&amp;D</b>	<b>79,350</b>	<b>77,904</b>	<b>79,177</b>	<b>1,272</b>	<b>1.6%</b>	<b>-174</b>	<b>-0.2%</b>

**Table 3B. Major Functional Categories of R&D  
SENATE Action on R&D in the FY 2000 Budget  
(budget authority in millions of dollars)**

	FY 1999 Est.	FY 2000 Request	Action by Senate				
			FY 2000 SENATE	Chg. from Request Amount	Chg. from Request Percent	Chg. from FY 1999 Amount	Chg. from FY 1999 Percent
Defense <sup>1</sup>	41,208	38,483	<b>40,729</b>	2,246	5.8%	-480	-1.2%
Nondefense <sup>2</sup>	38,142	39,422	<b>40,521</b>	1,099	2.8%	2,379	6.2%
Space	8,518	8,704	<b>8,704</b>	0	0.0%	185	2.2%
Health	16,379	16,664	<b>18,319</b>	1,654	9.9%	1,939	11.8%
Energy	1,173	1,353	<b>1,217</b>	-137	-10.1%	43	3.7%
General Science	5,365	5,668	<b>5,552</b>	-116	-2.0%	187	3.5%
Natural Resources & Environment	2,088	2,104	<b>2,130</b>	26	1.2%	42	2.0%
Agriculture	1,427	1,608	<b>1,497</b>	-111	-6.9%	70	4.9%
Transportation	1,799	1,902	<b>1,696</b>	-206	-10.8%	-103	-5.8%
Commerce	474	571	<b>569</b>	-2	-0.3%	96	20.2%
International	194	123	<b>122</b>	-1	-1.0%	-72	-37.2%
All Other	724	725	<b>716</b>	-9	-1.2%	-8	-1.1%
<b>Total R&amp;D</b>	<b>79,350</b>	<b>77,904</b>	<b>81,250</b>	<b>3,345</b>	<b>4.3%</b>	<b>1,900</b>	<b>2.4%</b>

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

All figures are rounded to the nearest million. Changes calculated from unrounded figures.

Classifications generally follow the government's budget function categories except health (which here includes health R&D in HHS and VA).

<sup>1</sup> Includes DOD R&D and atomic energy defense R&D in DOE.

<sup>2</sup> Includes all R&D not in defense (domestic and international discretionary programs).

**House-approved, Senate-approved, or Appropriations Committee-approved funding levels.**

**House or Senate action only - Does not reflect House-Senate conference funding levels for Energy-Water, Transportation, and Agriculture bills.**