

R&D in the FY 2011 and FY 2012 Budgets by Agency
(budget authority in millions of dollars)

revised March 7, 2011

	FY 2010	FY 2011	FY 2011	Change from FY 2010		FY2011	Change from FY 2010		FY 2012	Change from FY 2010		Change from House	
	Estimate	Current CR	House	Amount	Percent	Senate	Amount	Percent	Budget	Amount	Percent	Amount	Percent
TOTAL R&D (Conduct of R&D and R&D Facilities)													
Defense (military)	80,602	81,442	77,189	-3,413	-4.2%	76,739	-3,863	-4.8%	76,633	-3,969	-4.9%	-556	-0.7%
Health and Human Services	31,424	31,948	30,345	-1,079	-3.4%	31,943	519	1.7%	32,343	919	2.9%	1,998	6.6%
<i>National Institutes of Health 1/</i>	<i>30,155</i>	<i>30,157</i>	<i>28,583</i>	<i>-1,572</i>	<i>-5.2%</i>	<i>30,159</i>	4	0.0%	<i>31,174</i>	1,019	3.4%	2,591	9.1%
<i>All Other HHS R&D</i>	<i>1,269</i>	<i>1,791</i>	<i>1,762</i>	493	38.8%	<i>1,784</i>	515	40.5%	<i>1,169</i>	-100	-7.9%	-593	-33.7%
Energy	10,836	10,783	9,328	-1,508	-13.9%	10,133	-703	-6.5%	12,989	2,153	19.9%	3,661	39.2%
<i>Atomic Energy Defense</i>	<i>3,854</i>	<i>4,074</i>	<i>4,074</i>	220	5.7%	<i>3,851</i>	-3	-0.1%	<i>4,522</i>	668	17.3%	448	11.0%
<i>Office of Science</i>	<i>4,528</i>	<i>4,481</i>	<i>3,515</i>	-1,013	-22.4%	<i>4,141</i>	-387	-8.5%	<i>4,940</i>	412	9.1%	1,425	40.5%
<i>Energy Programs</i>	<i>2,454</i>	<i>2,228</i>	<i>1,739</i>	-715	-29.1%	<i>2,141</i>	-313	-12.8%	<i>3,527</i>	1,073	43.7%	1,788	102.8%
NASA	9,262	9,911	9,820	558	6.0%	9,979	717	7.7%	9,821	559	6.0%	1	0.0%
National Science Foundation	5,445	5,374	5,223	-222	-4.1%	5,355	-90	-1.7%	6,320	875	16.1%	1,097	21.0%
Agriculture	2,611	2,619	2,239	-372	-14.2%	2,548	-63	-2.4%	2,150	-461	-17.7%	-89	-4.0%
Commerce	1,344	1,331	1,199	-145	-10.8%	1,298	-46	-3.4%	1,720	376	28.0%	521	43.4%
<i>NOAA</i>	<i>692</i>	<i>684</i>	<i>593</i>	-99	-14.3%	<i>660</i>	-32	-4.6%	<i>728</i>	36	5.2%	135	22.7%
<i>NIST</i>	<i>588</i>	<i>589</i>	<i>542</i>	-46	-7.8%	<i>573</i>	-15	-2.5%	<i>872</i>	284	48.3%	330	60.9%
Transportation	1,069	1,054	970	-99	-9.3%	1,049	-20	-1.9%	1,215	146	13.7%	245	25.3%
Homeland Security	887	887	803	-84	-9.4%	727	-160	-18.0%	1,054	167	18.8%	251	31.2%
Veterans Affairs	1,162	1,162	1,162	0	0.0%	1,162	0	0.0%	1,018	-144	-12.4%	-144	-12.4%
Interior	776	776	750	-26	-3.4%	770	-6	-0.8%	727	-49	-6.3%	-23	-3.1%
<i>US Geological Survey</i>	<i>661</i>	<i>661</i>	<i>646</i>	-15	-2.2%	<i>657</i>	-4	-0.6%	<i>607</i>	-54	-8.2%	-39	-6.1%
Environment Protection Agency	590	590	552	-38	-6.4%	576	-14	-2.3%	579	-11	-1.9%	27	4.8%
Education	353	356	350	-3	-0.9%	356	3	1.0%	480	127	36.0%	130	37.2%
Smithsonian	213	226	224	11	5.1%	226	13	6.1%	212	-1	-0.5%	-12	-5.3%
All Other	565	575	575	10	1.8%	575	10	1.8%	650	85	15.0%	75	13.0%
Total R&D	147,139	149,034	140,730	-6,409	-4.4%	143,435	-3,704	-2.5%	147,911	772	0.5%	7,181	5.1%
Defense R&D	84,456	85,516	81,263	-3,193	-3.8%	80,590	-3,866	-4.6%	81,155	-3,301	-3.9%	-108	-0.1%
Nondefense R&D	62,683	63,518	59,467	-3,216	-5.1%	62,845	162	0.3%	66,756	4,073	6.5%	7,289	12.3%

Source: OMB R&D data, H.R.1 as passed by the House, Senate bill as posted on appropriations website, agency budget justifications, and agency budget documents.

Note: The projected GDP inflation rate between FY 2010 and FY 2012 is 2.7 percent.

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

1/ **H.R.1:** Sec.1812 sets the average total cost of all Competing RPGs awarded during FY 2011 at a maximum of \$400,000.

Sec.1850 directs NIH to award at least 9,000 new competing research grants in FY 2011.