

R&D in the FY 2011 and FY 2012 Budgets by Agency

revised February 15, 2011

(budget authority in millions of dollars)

	FY 2010	FY 2011	FY 2011	Change from FY 2010		Change from Request		FY 2012	Change from FY 2010		Change from House	
	Estimate	Budget	House	Amount	Percent	Amount	Percent	Budget	Amount	Percent	Amount	Percent
TOTAL R&D (Conduct of R&D and R&D Facilities)												
Defense (military)	80,602	78,048	79,340	-1,262	-1.6%	1,292	1.7%	76,633	-3,969	-4.9%	-2,707	-3.4%
Health and Human Services	31,424	32,152	29,530	-1,894	-6.0%	-2,622	-8.2%	32,343	919	2.9%	2,813	9.5%
<i>National Institutes of Health 1/</i>	30,155	31,394	28,736	-1,419	-4.7%	-2,658	-8.5%	31,174	1,019	3.4%	2,438	8.5%
<i>All Other HHS R&D</i>	1,269	758	794	-475	-37.5%	36	4.7%	1,169	-100	-7.9%	375	47.3%
Energy	10,836	11,219	9,460	-1,376	-12.7%	-1,759	-15.7%	12,989	2,153	19.9%	3,529	37.3%
<i>Atomic Energy Defense</i>	3,854	4,147	4,147	293	7.6%	0	0.0%	4,522	668	17.3%	375	9.0%
<i>Office of Science</i>	4,528	4,642	3,642	-886	-19.6%	-1,000	-21.6%	4,940	412	9.1%	1,298	35.7%
<i>Energy Programs</i>	2,545	2,430	1,672	-873	-34.3%	-758	-31.2%	3,527	982	38.6%	1,855	111.0%
NASA	9,262	10,986	9,258	-4	0.0%	-1,728	-15.7%	9,821	559	6.0%	563	6.1%
National Science Foundation	5,445	5,547	4,955	-490	-9.0%	-592	-10.7%	6,320	875	16.1%	1,365	27.6%
Agriculture	2,611	2,448	2,203	-408	-15.6%	-245	-10.0%	2,150	-461	-17.7%	-53	-2.4%
Commerce	1,344	1,716	1,379	35	2.6%	-338	-19.7%	1,720	376	28.0%	341	24.8%
<i>NOAA</i>	692	949	782	90	13.0%	-167	-17.6%	728	36	5.2%	-54	-6.9%
<i>NIST</i>	588	705	547	-41	-7.0%	-159	-22.5%	872	284	48.3%	325	59.5%
Veterans Affairs	1,162	1,180	1,162	0	0.0%	-18	-1.5%	1,018	-144	-12.4%	-144	-12.4%
Homeland Security	887	1,046	1,028	141	16.0%	-18	-1.7%	1,054	167	18.8%	26	2.5%
Transportation	1,069	976	931	-138	-12.9%	-45	-4.6%	1,215	146	13.7%	284	30.5%
Interior	776	772	733	-43	-5.5%	-39	-5.1%	727	-49	-6.3%	-6	-0.8%
<i>US Geological Survey</i>	661	679	651	-10	-1.5%	-28	-4.2%	607	-54	-8.1%	-44	-6.7%
Environment Protection Agency	590	606	567	-23	-3.9%	-39	-6.4%	579	-11	-1.9%	12	2.2%
Education	353	383	353	0	0.0%	-30	-7.8%	480	127	36.0%	127	36.0%
Smithsonian	213	236	234	21	9.8%	-2	-0.9%	212	-1	-0.5%	-22	-9.3%
All Other	565	755	651	86	15.2%	-104	-13.8%	650	85	15.0%	-1	-0.2%
Total R&D	147,139	148,071	141,783	-5,356	-3.6%	-6,287	-4.2%	147,911	772	0.5%	6,128	4.3%
Defense R&D	84,456	82,195	83,487	-969	-1.2%	1,292	1.6%	81,155	-3,301	-3.9%	-2,332	-2.8%
Nondefense R&D	62,683	65,875	58,296	-4,387	-6.7%	-7,579	-11.5%	66,756	4,073	6.5%	8,460	14.5%

Source: OMB R&D data, H.R. 1 as introduced in the House, 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.