

Appendix table 4-30

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Estimated federal obligations for R&D and R&D plant, by selected agency, performer, and character of work: FY 2007

(Millions of current dollars)

Agency	All federal obligations	Federal intramural	Industrial firms	FFRDCs administered by industry	U&C	FFRDCs administered by U&C	Other nonprofits	FFRDCs administered by nonprofits	State and local government	Foreign
Total R&D and R&D plant										
All agencies.....	116,416.5	25,439.8	48,042.9	1,498.8	25,305.2	6,731.3	5,889.8	2,152.0	700.3	656.7
Department of Agriculture.....	1,995.5	1,380.4	13.8	0.0	584.3	0.0	11.7	0.0	2.3	3.0
Department of Commerce.....	1,022.8	790.9	16.4	0.1	194.6	3.9	14.1	0.1	2.3	0.4
Department of Defense.....	56,671.9	13,205.9	39,511.2	210.3	1,977.1	470.5	406.1	659.3	6.0	225.5
Department of Energy.....	8,741.4	566.0	1,209.6	868.4	811.1	3,838.4	73.9	1,371.5	0.3	2.3
Department of Health and Human Services.....	29,018.6	5,687.5	1,836.4	354.1	16,262.9	74.1	4,313.5	25.8	178.7	285.6
Department of Homeland Security.....	1,107.0	310.2	353.5	50.3	32.6	233.9	56.1	70.4	0.0	0.0
Department of the Interior.....	574.6	486.4	18.3	0.0	57.5	0.0	2.8	0.0	8.9	0.6
Department of Transportation.....	521.3	162.4	264.5	1.0	38.7	15.8	37.0	0.0	1.9	0.0
Environmental Protection Agency.....	557.3	433.6	21.2	0.0	72.5	0.0	25.2	0.0	4.4	0.4
National Aeronautics and Space Administration.....	9,790.2	1,506.8	4,428.8	0.0	1,251.1	1,782.4	245.3	0.0	457.8	118.0
National Science Foundation.....	4,522.5	45.4	218.5	0.0	3,541.5	300.0	385.5	6.2	6.9	18.5
All other agencies.....	1,893.4	864.3	150.7	14.6	481.3	12.3	318.6	18.7	30.8	2.5
R&D										
All agencies.....	112,829.7	24,741.5	46,502.1	1,477.8	24,968.5	6,136.3	5,751.6	1,949.2	663.8	639.1
Department of Agriculture.....	1,966.1	1,351.0	13.8	0.0	584.3	0.0	11.7	0.0	2.3	3.0
Department of Commerce.....	940.3	722.9	16.4	0.1	180.1	3.9	14.1	0.1	2.3	0.4
Department of Defense.....	56,348.0	13,015.2	39,378.0	210.3	1,977.1	470.5	406.1	659.3	6.0	225.5
Department of Energy.....	7,956.6	540.2	1,175.3	851.0	803.7	3,340.1	69.9	1,173.8	0.3	2.3
Department of Health and Human Services.....	28,901.8	5,622.9	1,836.4	354.1	16,212.6	74.1	4,311.5	25.8	178.7	285.6
Department of Homeland Security.....	1,027.9	288.2	328.7	46.7	29.9	217.0	52.1	65.3	0.0	0.0
Department of the Interior.....	570.0	484.4	15.7	0.0	57.5	0.0	2.8	0.0	8.9	0.6
Department of Transportation.....	502.2	162.4	245.4	1.0	38.7	15.8	37.0	0.0	1.9	0.0
Environmental Protection Agency.....	557.3	433.6	21.2	0.0	72.5	0.0	25.2	0.0	4.4	0.4
National Aeronautics and Space Administration.....	8,152.8	1,272.2	3,173.5	0.0	1,210.3	1,781.7	190.2	0.0	422.0	102.9
National Science Foundation.....	4,049.4	20.3	147.0	0.0	3,320.5	220.9	312.4	6.2	6.2	15.9
All other agencies.....	1,857.3	828.2	150.7	14.6	481.3	12.3	318.6	18.7	30.8	2.5
Basic research										
All agencies.....	28,264.4	4,846.4	2,211.1	269.1	14,272.5	2,364.3	2,927.9	897.7	253.6	221.8
Department of Agriculture.....	850.6	589.2	0.2	0.0	253.2	0.0	5.0	0.0	1.4	1.6
Department of Commerce.....	92.8	79.4	2.3	0.1	10.7	0.1	0.1	0.1	0.0	0.0
Department of Defense.....	1,349.5	365.8	149.6	4.4	691.3	7.0	114.6	3.1	0.0	13.6
Department of Energy.....	3,259.6	47.5	147.1	57.1	626.4	1,483.2	19.0	878.0	0.0	1.3
Department of Health and Human Services.....	16,026.1	3,024.6	975.7	204.9	9,122.7	42.9	2,413.6	12.2	66.2	163.3
Department of Homeland Security.....	47.4	13.0	15.1	2.2	1.4	10.2	2.4	3.1	0.0	0.0
Department of the Interior.....	37.7	35.4	0.1	0.0	1.0	0.0	0.0	0.0	1.3	0.0
Department of Transportation.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency.....	94.5	73.5	3.6	0.0	12.3	0.0	4.3	0.0	0.8	0.1
National Aeronautics and Space Administration.....	2,469.2	281.5	859.3	0.0	456.8	600.0	64.2	0.0	177.8	29.6
National Science Foundation.....	3,670.6	18.3	56.1	0.0	3,068.5	220.9	287.0	1.3	6.2	12.3
All other agencies.....	366.4	318.2	2.0	0.4	28.2	0.0	17.7	0.0	0.0	0.0
Applied research										
All agencies.....	26,824.8	7,828.1	4,575.3	708.5	9,088.9	1,701.5	2,413.3	256.4	102.9	150.0
Department of Agriculture.....	940.3	596.7	13.5	0.0	321.8	0.0	6.2	0.0	0.9	1.2
Department of Commerce.....	757.0	575.2	11.5	0.0	151.8	2.2	14.0	0.0	2.2	0.2
Department of Defense.....	5,100.4	2,074.8	2,124.5	15.3	590.3	73.0	137.7	65.3	0.6	18.9
Department of Energy.....	2,779.0	264.0	219.9	514.9	134.6	1,478.9	27.4	139.3	0.0	0.0
Department of Health and Human Services.....	12,775.2	2,572.8	860.7	149.2	7,077.9	31.2	1,886.6	8.9	65.4	122.3
Department of Homeland Security.....	314.7	89.8	99.9	14.3	9.1	66.2	15.6	19.9	0.0	0.0
Department of the Interior.....	476.5	401.3	12.9	0.0	53.1	0.0	1.6	0.0	7.1	0.6
Department of Transportation.....	329.1	128.8	118.3	0.8	38.3	15.8	25.5	0.0	1.5	0.0

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Environmental Protection Agency.....	358.9	279.2	13.6	0.0	46.7	0.0	16.2	0.0	2.9	0.3
National Aeronautics and Space Administration	1,642.1	477.4	895.6	0.0	183.7	21.8	49.2	0.0	13.8	0.5
National Science Foundation	378.8	2.0	90.9	0.0	252.0	0.0	25.4	4.9	0.0	3.6
All other agencies.....	972.8	366.1	114.0	14.0	229.6	12.4	207.9	18.1	8.5	2.4
Development										
All agencies.....	57,740.5	12,067.0	39,715.7	500.1	1,607.1	2,070.5	410.4	795.1	307.3	267.3
Department of Agriculture.....	175.2	165.1	0.0	0.0	9.3	0.0	0.5	0.0	0.0	0.2
Department of Commerce	90.6	68.4	2.6	0.0	17.6	1.6	0.1	0.0	0.0	0.2
Department of Defense.....	49,898.0	10,574.6	37,103.9	190.6	695.5	390.4	153.8	590.9	5.3	193.0
Department of Energy.....	1,918.0	228.6	808.3	279.0	42.8	377.9	23.4	156.6	0.3	1.0
Department of Health and Human Services	100.5	25.5	0.0	0.0	12.0	0.0	11.2	4.7	47.1	0.0
Department of Homeland Security	665.8	185.4	213.7	30.3	19.3	140.6	34.1	42.3	0.0	0.0
Department of the Interior	55.8	47.8	2.8	0.0	3.4	0.0	1.2	0.0	0.6	0.0
Department of Transportation	173.1	33.6	127.1	0.2	0.4	0.0	11.5	0.0	0.4	0.0
Environmental Protection Agency.....	103.9	80.8	3.9	0.0	13.5	0.0	4.7	0.0	0.8	0.1
National Aeronautics and Space Administration	4,041.5	513.3	1,418.6	0.0	569.8	1,159.9	76.8	0.0	230.4	72.7
National Science Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other agencies.....	518.1	143.9	34.8	0.0	223.5	0.0	93.1	0.6	22.4	0.0
R&D plant										
All agencies.....	3,586.8	698.3	1,540.8	21.0	336.7	595.0	138.2	202.8	36.5	17.6
Department of Agriculture.....	29.4	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Commerce	82.5	68.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	0.0
Department of Defense.....	323.9	190.7	133.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Energy.....	784.8	25.8	34.3	17.4	7.4	498.3	4.0	197.7	0.0	0.0
Department of Health and Human Services	116.8	64.6	0.0	0.0	50.3	0.0	2.0	0.0	0.0	0.0
Department of Homeland Security	79.1	22.0	24.8	3.6	2.7	16.9	4.0	5.1	0.0	0.0
Department of the Interior	4.6	2.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	19.1	0.0	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	1,637.4	234.6	1,255.3	0.0	40.8	0.7	55.1	0.0	35.8	15.1
National Science Foundation	473.1	25.1	71.5	0.0	221.0	79.1	73.1	0.0	0.7	2.6
All other agencies.....	36.1	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FFRDC = federally funded research and development center; U&C = universities and colleges

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Federal Funds for Research and Development: Fiscal Years 2005, 2006, and 2007 (forthcoming).