

**Estimated federal obligations for R&D and R&D plant, by selected agency, performer, and character of work: FY 2005**

(Millions of current dollars)

Agency	Total	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
<b>Total R&amp;D and R&amp;D plant</b>										
All agencies.....	110,194.2	25,289.2	44,833.8	1,723.0	24,296.1	5,497.3	6,031.8	1,692.2	420.2	410.5
Department of Agriculture.....	2,120.7	1,485.1	17.7	0.0	599.0	0.0	13.0	0.0	3.0	2.8
Department of Commerce.....	1,049.2	870.4	12.3	0.0	151.2	0.6	8.8	0.0	5.6	0.2
Department of Defense.....	51,750.2	12,299.8	36,446.8	141.2	1,575.5	318.3	295.4	549.7	6.6	116.8
Department of Energy.....	8,781.0	845.1	1,557.4	1,075.2	758.1	3,387.8	80.1	1,075.8	0.5	1.0
Department of Health and Human Services.....	29,123.5	5,908.8	1,655.5	484.5	16,161.4	91.7	4,418.7	26.7	160.3	216.0
Department of the Interior.....	551.6	489.1	13.2	0.0	38.6	0.0	0.9	0.0	8.8	0.9
Department of Transportation.....	756.2	228.2	257.7	2.5	49.9	8.0	28.9	0.2	179.5	1.3
Environmental Protection Agency.....	572.2	271.2	68.0	0.0	175.2	0.0	43.6	0.0	11.8	2.3
National Aeronautics and Space Administration.....	9,762.0	2,065.8	4,510.4	0.1	1,126.2	1,402.4	577.7	14.3	12.8	52.3
National Science Foundation.....	4,225.7	49.1	182.9	0.0	3,381.0	282.2	298.3	5.5	12.4	14.5
All other agencies.....	1,501.8	776.7	111.8	19.5	280.0	6.3	266.4	20.0	18.9	2.4
<b>R&amp;D</b>										
All agencies.....	106,487.8	24,813.0	42,938.0	1,639.3	23,900.3	4,955.4	5,971.5	1,463.9	419.3	387.1
Department of Agriculture.....	1,969.3	1,333.7	17.7	0.0	599.0	0.0	13.0	0.0	3.0	2.8
Department of Commerce.....	979.3	800.5	12.3	0.0	151.2	0.6	8.8	0.0	5.6	0.2
Department of Defense.....	51,402.1	12,199.7	36,198.9	141.2	1,575.5	318.3	295.4	549.7	6.6	116.8
Department of Energy.....	7,957.8	844.0	1,521.9	991.5	751.1	2,918.2	78.0	851.6	0.5	1.0
Department of Health and Human Services.....	28,865.6	5,810.1	1,655.5	484.5	16,008.7	91.7	4,412.1	26.7	160.3	216.0
Department of the Interior.....	548.7	489.1	10.4	0.0	38.6	0.0	0.9	0.0	8.8	0.9
Department of Transportation.....	736.8	228.2	238.3	2.5	49.9	8.0	28.9	0.2	179.5	1.3
Environmental Protection Agency.....	572.2	271.2	68.0	0.0	175.2	0.0	43.6	0.0	11.8	2.3
National Aeronautics and Space Administration.....	8,114.0	2,028.5	2,966.0	0.1	1,096.2	1,397.4	569.8	14.3	12.8	28.9
National Science Foundation.....	3,844.2	35.3	137.2	0.0	3,174.9	214.9	254.6	1.4	11.5	14.5
All other agencies.....	1,497.8	772.7	111.8	19.5	280.0	6.3	266.4	20.0	18.9	2.4
<b>Basic research</b>										
All agencies.....	26,860.3	5,106.5	1,674.8	342.2	13,924.5	1,985.0	2,920.6	655.1	93.1	158.5
Department of Agriculture.....	917.9	646.9	0.3	0.0	262.6	0.0	5.7	0.0	1.0	1.4
Department of Commerce.....	109.7	102.9	1.7	0.0	4.6	0.0	0.4	0.0	0.0	0.0
Department of Defense.....	1,580.1	795.1	122.4	6.8	548.2	13.3	55.0	23.9	1.8	13.7
Department of Energy.....	2,678.1	41.9	144.0	63.8	575.1	1,219.2	23.2	609.9	0.0	1.0
Department of Health and Human Services.....	15,194.8	2,559.5	846.3	271.6	8,845.0	48.8	2,423.1	15.0	65.6	119.9
Department of the Interior.....	37.2	34.0	0.0	0.0	1.9	0.0	0.0	0.0	1.3	0.0
Department of Transportation.....	39.8	6.4	30.6	0.0	0.1	0.0	1.0	0.0	1.7	0.0
Environmental Protection Agency.....	66.2	31.4	7.9	0.0	20.3	0.0	5.0	0.0	1.4	0.3
National Aeronautics and Space Administration.....	2,297.0	574.2	447.5	0.0	610.0	488.9	152.1	5.1	8.8	10.2
National Science Foundation.....	3,623.4	35.2	68.1	0.0	3,034.4	214.9	246.1	1.2	11.5	12.0
All other agencies.....	316.1	279.0	6.0	0.0	22.3	0.0	9.0	0.0	0.0	0.0
<b>Applied research</b>										
All agencies.....	27,838.8	8,176.9	5,012.2	890.6	9,070.0	1,533.3	2,599.4	190.7	234.3	131.4
Department of Agriculture.....	882.3	530.6	17.4	0.0	324.4	0.0	6.8	0.0	2.0	1.1

**Estimated federal obligations for R&D and R&D plant, by selected agency, performer, and character of work: FY 2005**

(Millions of current dollars)

Agency	Total	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
Department of Commerce .....	808.1	643.5	6.7	0.0	143.7	0.6	8.4	0.0	5.1	0.2
Department of Defense .....	4,144.3	1,389.6	2,012.1	18.2	497.9	32.0	127.4	43.1	0.9	23.0
Department of Energy .....	3,115.6	558.8	268.9	637.5	128.0	1,384.4	27.0	111.0	0.0	0.0
Department of Health and Human Services .....	13,574.8	3,225.6	809.2	212.9	7,136.4	38.2	1,950.4	11.7	94.5	96.1
Department of the Interior .....	458.3	410.0	9.1	0.0	30.9	0.0	0.5	0.0	7.0	0.8
Department of Transportation .....	454.7	174.5	103.5	2.5	40.8	8.0	19.3	0.2	105.2	0.8
Environmental Protection Agency .....	365.1	173.0	43.4	0.0	111.8	0.0	27.9	0.0	7.5	1.4
National Aeronautics and Space Administration .....	2,919.8	730.0	1,584.6	0.1	326.9	63.7	204.6	4.5	2.7	3.0
National Science Foundation .....	220.8	0.1	69.1	0.0	140.5	0.0	8.5	0.2	0.0	2.5
All other agencies .....	895.0	341.2	88.2	19.4	188.7	6.3	218.6	20.0	9.4	2.5
<b>Development</b>										
All agencies .....	51,788.7	11,529.6	36,251.0	406.5	905.8	1,437.1	451.5	618.1	91.9	97.2
Department of Agriculture .....	169.1	156.2	0.0	0.0	12.0	0.0	0.5	0.0	0.0	0.3
Department of Commerce .....	61.5	54.1	3.9	0.0	2.9	0.0	0.0	0.0	0.5	0.0
Department of Defense .....	45,677.7	10,015.0	34,064.4	116.2	529.4	273.0	113.0	482.7	3.9	80.1
Department of Energy .....	2,164.1	243.3	1,109.0	290.2	48.0	314.6	27.8	130.7	0.5	0.0
Department of Health and Human Services .....	96.0	25.0	0.0	0.0	27.3	4.7	38.6	0.0	0.2	0.0
Department of the Interior .....	53.2	45.1	1.3	0.0	5.8	0.0	0.4	0.0	0.5	0.1
Department of Transportation .....	242.3	47.3	104.2	0.0	9.0	0.0	8.6	0.0	72.6	0.5
Environmental Protection Agency .....	140.9	66.8	16.7	0.0	43.1	0.0	10.7	0.0	2.9	0.6
National Aeronautics and Space Administration .....	2,897.2	724.3	933.9	0.0	159.3	844.8	213.1	4.7	1.3	15.7
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 .....	286.7	152.5	17.6	0.1	69.0	0.0	38.8	0.0	9.5	-0.1
<b>R&amp;D plant</b>										
All agencies .....	3,706.4	476.2	1,895.8	83.7	395.8	541.9	60.3	228.3	0.9	23.4
Department of Agriculture .....	151.4	151.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Commerce .....	69.9	69.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense .....	348.1	100.1	247.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Energy .....	823.2	1.1	35.5	83.7	7.0	469.6	2.1	224.2	0.0	0.0
Department of Health and Human Services .....	257.9	98.7	0.0	0.0	152.7	0.0	6.6	0.0	0.0	0.0
Department of the Interior .....	2.9	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation .....	19.4	0.0	19.4	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 .....	1,648.0	37.3	1,544.4	0.0	30.0	5.0	7.9	0.0	0.0	23.4
National Science Foundation .....	381.5	13.8	45.7	0.0	206.1	67.3	43.7	4.1	0.9	0.0
All other agencies .....	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

SOURCE: National Science Foundation, Division of Science Resources Statistics, *Federal Funds for Research and Development: Fiscal Years 2003, 2004, and 2005* (forthcoming).