

## University of Michigan Research Expenditures By Sponsor (FY2005 & FY2006)

SOURCE	FY 2005	PERCENT OF TOTAL	FY 2006	PERCENT OF TOTAL	PERCENT CHANGE
<b>FEDERAL SOURCES</b>					
Health and Human Services					
Centers for Disease Control	5,245,680	0.7%	6,494,379	0.8%	23.8%
Food and Drug Administration	797,320	0.1%	785,943	0.1%	-1.4%
Health Resources & Services Administration	1,025,924	0.1%	1,012,950	0.1%	-1.3%
Centers for Medicare & Medicaid Administration	1,500,457	0.2%	2,398,163	0.3%	59.8%
<b>National Institutes of Health</b>	<b>362,368,568</b>	<b>46.6%</b>	<b>388,341,125</b>	<b>48.7%</b>	<b>7.2%</b>
Substance Abuse and Mental Health Services	815,206	0.1%	616,166	0.1%	-24.4%
Other HHS	4,283,747	0.6%	2,610,065	0.3%	-39.1%
<b>Total Health and Human Services</b>	<b>376,036,902</b>	<b>48.3%</b>	<b>402,258,791</b>	<b>50.5%</b>	<b>7.0%</b>
<b>National Science Foundation</b>	<b>68,062,430</b>	<b>8.7%</b>	<b>63,663,033</b>	<b>8.0%</b>	<b>-6.5%</b>
Department of Defense					
Army	26,558,361	3.4%	25,217,986	3.2%	-5.0%
Air Force	7,299,411	0.9%	5,982,346	0.8%	-18.0%
Navy	6,996,519	0.9%	7,198,061	0.9%	2.9%
Other	19,084,617	2.5%	13,843,299	1.7%	-27.5%
<b>Total Department of Defense</b>	<b>59,938,908</b>	<b>7.7%</b>	<b>52,241,692</b>	<b>6.6%</b>	<b>-12.8%</b>
Energy	19,242,840	2.5%	17,569,419	2.2%	-8.7%
N.A.S.A.	16,732,514	2.2%	16,635,867	2.1%	-0.6%
Transportation	9,480,253	1.2%	6,917,453	0.9%	-27.0%
Commerce	5,077,822	0.7%	6,289,628	0.8%	23.9%
Education	5,336,965	0.7%	5,411,580	0.7%	1.4%
Environmental Protection Agency	2,447,804	0.3%	2,933,752	0.4%	19.9%
Social Security Administration	2,018,663	0.3%	2,404,122	0.3%	19.1%
Justice	1,664,471	0.2%	1,494,572	0.2%	-10.2%
General Services Administration	450,503	0.1%	1,176,416	0.1%	161.1%
Homeland Security	691,640	0.1%	1,172,367	0.1%	69.5%
Agriculture	1,294,424	0.2%	1,089,530	0.1%	-15.8%
Interior	961,807	0.1%	1,022,998	0.1%	6.4%
Central Intelligence Agency	343,600	0.0%	812,911	0.1%	136.6%
Agency for International Development	247,301	0.0%	343,745	0.0%	39.0%
Smithsonian Institution	302,713	0.0%	317,133	0.0%	4.8%
State	18,627	0.0%	244,207	0.0%	1211.0%
Veterans Affairs	158,843	0.0%	130,244	0.0%	-18.0%
National Endowment for the Humanities	189,396	0.0%	99,979	0.0%	-47.2%
Museum and Library Services, Institute of	85,014	0.0%	73,895	0.0%	-13.1%
Federal Reserve System	191,145	0.0%	68,274	0.0%	-64.3%
District Courts, U.S.	185,889	0.0%	61,610	0.0%	-66.9%
Other Federal	347,860	0.0%	798,237	0.1%	129.5%
<b>Total Federal Government</b>	<b>571,508,335</b>	<b>73.5%</b>	<b>585,231,455</b>	<b>73.4%</b>	<b>2.4%</b>
<b>NON-FEDERALSPONSORS</b>					
<b>Industry</b>	<b>34,702,641</b>	<b>4.5%</b>	<b>33,585,188</b>	<b>4.2%</b>	<b>-3.2%</b>
Foundations	19,902,948	2.6%	18,124,274	2.3%	-8.9%
Other (includes Universities & Gifts)	7,774,819	1.0%	7,582,775	1.0%	-2.5%
Public Charities	10,745,800	1.4%	10,549,039	1.3%	-1.8%
State of Michigan & Local Michigan Authorities	12,136,369	1.6%	9,790,688	1.2%	-19.3%
Endowment	4,849,532	0.6%	4,837,267	0.6%	-0.3%
Trade and Professional Associations	6,810,927	0.9%	5,597,769	0.7%	-17.8%
International Organizations	62,024	0.0%	545,576	0.1%	779.6%
Foreign National Governments	162,392	0.0%	188,406	0.0%	16.0%
<b>Total Non-Federal Sponsors</b>	<b>97,147,452</b>	<b>12.5%</b>	<b>90,800,982</b>	<b>11.4%</b>	<b>-6.5%</b>
<b>Total Sponsored Research</b>	<b>668,655,787</b>	<b>85.9%</b>	<b>676,032,437</b>	<b>84.8%</b>	<b>1.1%</b>
<b>UNIVERSITY OF MICHIGAN SOURCES</b>					
<b>University of Michigan Funds</b>	<b>109,405,940</b>	<b>14.1%</b>	<b>120,932,949</b>	<b>15.2%</b>	<b>10.5%</b>
<b>TOTAL RESEARCH EXPENDITURES</b>	<b>778,061,728</b>	<b>100.0%</b>	<b>796,965,386</b>	<b>100.0%</b>	<b>2.4%</b>

## Volume of Research by Major University Units

UNIT	FY 2003	FY 2004	FY 2005	FY2006	Average Percent Change
<b>Architecture &amp; Urban Planning, Taubman Total</b>	<b>471,817</b>	<b>704,231</b>	<b>675,270</b>	<b>1,129,078</b>	<b>37.50%</b>
External Research Support	277,600	459,968	346,546	424,478	21.20%
Internal Research Support	194,217	244,263	328,724	704,600	58.20%
<b>Art and Design Total</b>	<b>125,021</b>	<b>283,343</b>	<b>107,418</b>	<b>103,728</b>	<b>20.40%</b>
External Research Support	31,352	190,626	-2,089	-616	112.10%
Internal Research Support	93,670	92,717	109,507	104,344	4.10%
<b>Business Administration Total</b>	<b>6,612,487</b>	<b>5,298,858</b>	<b>5,588,887</b>	<b>7,357,726</b>	<b>5.80%</b>
External Research Support	778,185	1,553,759	1,689,296	3,168,869	65.30%
Internal Research Support	5,834,303	3,745,099	3,899,591	4,188,858	-8.10%
<b>Dentistry Total</b>	<b>13,285,984</b>	<b>14,193,178</b>	<b>17,346,895</b>	<b>18,467,027</b>	<b>11.80%</b>
External Research Support	11,772,382	11,707,888	15,153,868	15,979,378	11.40%
Internal Research Support	1,513,602	2,485,289	2,193,027	2,487,649	22.00%
<b>Education Total</b>	<b>14,020,236</b>	<b>12,553,966</b>	<b>13,694,446</b>	<b>13,994,542</b>	<b>0.30%</b>
External Research Support	12,860,450	11,742,060	12,806,925	13,113,405	0.90%
Internal Research Support	1,159,787	811,906	887,521	881,137	-7.10%
<b>Engineering Total</b>	<b>137,945,748</b>	<b>135,659,608</b>	<b>131,798,174</b>	<b>131,246,439</b>	<b>-1.60%</b>
External Research Support	116,425,104	114,466,401	111,316,627	110,235,468	-1.80%
Internal Research Support	21,520,644	21,193,207	20,481,547	21,010,971	-0.80%
<b>Graduate School, Rackham Total</b>	<b>4,049,725</b>	<b>3,454,034</b>	<b>4,624,578</b>	<b>3,740,837</b>	<b>0.00%</b>
External Research Support	1,385,083	2,157,317	2,422,734	1,364,156	8.10%
Internal Research Support	2,664,642	1,296,717	2,201,843	2,376,681	8.80%
<b>Information Total</b>	<b>3,370,335</b>	<b>3,592,698</b>	<b>4,251,989</b>	<b>5,268,352</b>	<b>16.30%</b>
External Research Support	2,797,506	3,120,727	4,003,241	4,329,088	16.00%
Internal Research Support	572,829	471,970	248,748	939,264	70.90%

## Volume of Research by Major University Units

UNIT	FY 2003	FY 2004	FY 2005	FY2006	Average Percent Change
<b>Kinesiology Total</b>	<b>1,342,085</b>	<b>1,747,089</b>	<b>2,608,825</b>	<b>2,720,699</b>	<b>27.90%</b>
External Research Support	894,073	1,182,336	1,749,038	2,327,688	37.80%
Internal Research Support	448,011	564,753	859,787	393,011	8.00%
<b>Law Total</b>	<b>1,621,946</b>	<b>1,506,196</b>	<b>1,631,737</b>	<b>1,657,526</b>	<b>0.90%</b>
External Research Support	1,311,459	1,479,872	1,539,559	1,583,258	6.60%
Internal Research Support	310,487	26,324	92,178	74,268	46.40%
<b>Literature Science, and the Arts Total</b>	<b>61,642,886</b>	<b>67,059,033</b>	<b>73,256,629</b>	<b>77,139,838</b>	<b>7.80%</b>
External Research Support	47,598,975	52,242,056	55,245,318	55,846,090	5.50%
Internal Research Support	14,043,911	14,816,977	18,011,311	21,293,748	15.10%
<b>Medical School Total</b>	<b>284,371,638</b>	<b>295,508,606</b>	<b>321,341,382</b>	<b>333,282,755</b>	<b>5.50%</b>
External Research Support	265,510,197	272,897,544	295,400,292	301,141,183	4.30%
Internal Research Support	18,861,441	22,611,062	25,941,090	32,141,573	19.50%
<b>Music Total</b>	<b>291,049</b>	<b>326,140</b>	<b>226,556</b>	<b>277,386</b>	<b>1.30%</b>
External Research Support	10,017	47,961	-1,101	0	58.80%
Internal Research Support	281,032	278,180	227,656	277,386	0.90%
<b>Natural Resources and the Environment Total</b>	<b>9,683,598</b>	<b>7,809,171</b>	<b>10,077,732</b>	<b>11,503,070</b>	<b>7.90%</b>
External Research Support	7,345,302	6,990,752	8,817,170	10,435,801	13.20%
Internal Research Support	2,338,297	818,420	1,260,561	1,067,269	-8.80%
<b>Nursing Total</b>	<b>4,981,069</b>	<b>4,602,890</b>	<b>5,320,405</b>	<b>4,834,449</b>	<b>-0.40%</b>
External Research Support	4,623,562	4,134,437	4,811,459	4,352,987	-1.20%
Internal Research Support	357,508	468,454	508,947	481,463	11.40%

## Volume of Research by Major University Units

UNIT	FY 2003	FY 2004	FY 2005	FY2006	Average Percent Change
<b>Pharmacy Total</b>	<b>5,502,315</b>	<b>7,154,799</b>	<b>5,882,782</b>	<b>6,670,773</b>	<b>8.50%</b>
External Research Support	4,426,247	6,409,604	4,969,778	5,494,865	11.00%
Internal Research Support	1,076,068	745,195	913,004	1,175,908	6.90%
<b>Public Health Total</b>	<b>38,275,272</b>	<b>45,019,318</b>	<b>50,175,621</b>	<b>46,951,482</b>	<b>7.50%</b>
External Research Support	36,539,618	42,700,780	47,887,395	44,635,100	7.40%
Internal Research Support	1,735,654	2,318,538	2,288,226	2,316,382	11.20%
<b>Public Policy, G Ford Total</b>	<b>1,287,479</b>	<b>2,505,572</b>	<b>2,851,440</b>	<b>2,592,389</b>	<b>33.10%</b>
External Research Support	933,369	2,123,793	2,486,507	2,229,068	44.80%
Internal Research Support	354,110	381,779	364,933	363,321	1.00%
<b>Social Work Total</b>	<b>4,213,733</b>	<b>5,228,715</b>	<b>5,755,231</b>	<b>6,342,344</b>	<b>14.80%</b>
External Research Support	2,617,363	3,307,332	3,752,132	4,067,295	16.10%
Internal Research Support	1,596,370	1,921,382	2,003,099	2,275,049	12.70%
<b>Institute of Social Research</b>	<b>94,500,711</b>	<b>77,634,225</b>	<b>72,307,456</b>	<b>72,122,740</b>	<b>-8.30%</b>
External Research Support	78,128,417	55,646,067	57,629,648	57,639,979	-8.40%
Internal Research Support	16,372,294	21,988,158	14,677,808	14,482,761	-0.10%
<b>OVPR Research Units</b>	<b>43,029,345</b>	<b>41,843,713</b>	<b>32,699,971</b>	<b>31,826,033</b>	<b>-9.10%</b>
External Research Support	33,815,583	33,263,686	25,124,327	23,291,113	-11.10%
Internal Research Support	9,213,762	8,580,026	7,575,644	8,534,920	-2.00%
<b>Other Units Total</b>	<b>2,152,531</b>	<b>5,770,780</b>	<b>8,888,453</b>	<b>12,415,653</b>	<b>87.30%</b>
External Research Support	1,273,182	5,380,400	7,306,664	9,766,671	130.70%
Internal Research Support	879,349	390,380	1,581,789	2,648,982	105.70%

## Volume of Research by Major University Units

UNIT	FY 2003	FY 2004	FY 2005	FY2006	Average Percent Change
<b>UM Dearborn Total</b>	<b>2,447,131</b>	<b>3,399,944</b>	<b>3,432,357</b>	<b>3,547,762</b>	<b>14.40%</b>
External Research Support	1,407,179	2,099,913	2,291,582	2,208,082	18.20%
Internal Research Support	1,039,951	1,300,032	1,140,774	1,339,680	10.10%
<b>UM Flint Total</b>	<b>1,022,878</b>	<b>876,362</b>	<b>1,178,568</b>	<b>1,124,140</b>	<b>5.20%</b>
External Research Support	757,552	647,236	951,553	870,356	8.00%
Internal Research Support	265,326	229,126	227,016	253,784	-0.90%
<b>University Administration Total</b>	<b>1,961,880</b>	<b>845,739</b>	<b>936,961</b>	<b>810,929</b>	<b>-19.90%</b>
External Research Support	1,515,879	0	39,130	150,305	92.10%
Internal Research Support	446,002	845,739	897,831	660,624	23.10%
<b>Unassignable Services Total</b>	<b>11,135,598</b>	<b>7,948,850</b>	<b>1,401,965</b>	<b>-162,314</b>	<b>-74.20%</b>
External Research Support	2,369,186	-340,010	542,081	1,533,629.18	-63.60%
Internal Research Support	8,766,412	8,288,860	859,884	-1,695,943.00	-130.80%
<b>All Activities Total</b>	<b>749,344,497</b>	<b>752,527,056</b>	<b>778,061,728</b>	<b>796,965,385</b>	<b>2.10%</b>
External Activities Support	637,404,821	635,612,504	668,279,682	676,187,696	2.00%
Internal Activities Support	111,939,676	116,914,552	109,782,046	120,777,689	2.80%