

### Historical Analysis of Sponsor Research Expenditures

	2000	2001	2002	2003	2004	2005	2006	2007	2008 *
<b>Federal Total</b>	<b>374,620,815</b>	<b>405,646,407</b>	<b>455,968,827</b>	<b>527,571,715</b>	<b>536,250,515</b>	<b>571,508,335</b>	<b>585,231,455</b>	<b>595,551,058</b>	<b>611,370,548</b>
HHS	229,127,656	259,039,260	303,884,537	350,743,465	352,592,925	376,036,902	402,258,791	405,657,735	411,338,046
NSF	41,717,204	50,655,579	50,816,423	58,512,929	65,109,975	68,062,430	63,663,033	65,619,711	64,800,692
DOD	36,031,985	35,023,728	41,250,441	52,009,531	54,981,026	59,938,908	52,241,692	51,075,003	59,378,407
<b>Non-Federal Total</b>	<b>84,883,610</b>	<b>87,992,211</b>	<b>96,096,923</b>	<b>108,196,683</b>	<b>100,861,387</b>	<b>97,147,452</b>	<b>90,800,982</b>	<b>96,726,495</b>	<b>105,461,563</b>
Industry	33,252,658	34,190,733	31,415,505	39,254,294	32,753,363	34,702,641	33,585,188	38,594,118	42,888,528
Foundations	19,494,347	21,487,297	21,833,165	19,067,553	22,383,587	19,902,948	18,124,274	18,689,966	21,343,396
<b>Total Sponsored Research</b>	<b>459,504,425</b>	<b>493,638,618</b>	<b>552,065,750</b>	<b>635,768,398</b>	<b>637,111,902</b>	<b>668,655,787</b>	<b>676,032,437</b>	<b>692,277,553</b>	<b>716,832,111</b>
<b>U-M Funds</b>	<b>85,913,614</b>	<b>98,063,899</b>	<b>103,915,329</b>	<b>113,576,098</b>	<b>115,415,153</b>	<b>109,405,940</b>	<b>120,932,949</b>	<b>130,690,122</b>	<b>158,921,396</b>
<b>Research Total</b>	<b>545,418,039</b>	<b>591,702,517</b>	<b>655,981,080</b>	<b>749,344,497</b>	<b>752,527,056</b>	<b>778,061,728</b>	<b>796,965,386</b>	<b>822,967,675</b>	<b>875,753,507</b>
<i>Less 2008 Accounting Standard Change</i>									<b>860,989,401</b>

#### Percent Change

	01-00 % Δ	02-01 % Δ	03-02 % Δ	04-03 % Δ	05-04 % Δ	06-05 % Δ	07-06 % Δ	08-07 % Δ	08-00 % Δ	Average % Δ
<b>Federal Total</b>	<b>8.3%</b>	<b>12.4%</b>	<b>15.7%</b>	<b>1.6%</b>	<b>6.6%</b>	<b>2.4%</b>	<b>1.8%</b>	<b>2.7%</b>	<b>63.2%</b>	<b>6.4%</b>
HHS	13.1%	17.3%	15.4%	0.5%	6.6%	7.0%	0.8%	1.4%	79.5%	7.8%
NSF	21.4%	0.3%	15.1%	11.3%	4.5%	-6.5%	3.1%	-1.2%	55.3%	6.0%
DOD	-2.8%	17.8%	26.1%	5.7%	9.0%	-12.8%	-2.2%	16.3%	64.8%	7.1%
<b>Non-Federal Total</b>	<b>3.7%</b>	<b>9.2%</b>	<b>12.6%</b>	<b>-6.8%</b>	<b>-3.7%</b>	<b>-6.5%</b>	<b>6.5%</b>	<b>9.0%</b>	<b>24.2%</b>	<b>3.0%</b>
Industry	2.8%	-8.1%	25.0%	-16.6%	6.0%	-3.2%	14.9%	11.1%	29.0%	4.0%
Foundations	10.2%	1.6%	-12.7%	17.4%	-11.1%	-8.9%	3.1%	14.2%	9.5%	1.7%
<b>Total Sponsored Research</b>	<b>7.4%</b>	<b>11.8%</b>	<b>15.2%</b>	<b>0.2%</b>	<b>5.0%</b>	<b>1.1%</b>	<b>2.4%</b>	<b>3.5%</b>	<b>56.0%</b>	<b>5.8%</b>
<b>U-M Funds</b>	<b>14.1%</b>	<b>6.0%</b>	<b>9.3%</b>	<b>1.6%</b>	<b>-5.2%</b>	<b>10.5%</b>	<b>8.1%</b>	<b>21.6%</b>	<b>85.0%</b>	<b>8.3%</b>
<b>Research Total</b>	<b>8.5%</b>	<b>10.9%</b>	<b>14.2%</b>	<b>0.4%</b>	<b>3.4%</b>	<b>2.4%</b>	<b>3.3%</b>	<b>6.4%</b>	<b>60.6%</b>	<b>6.2%</b>
<i>Less 2008 Accounting Standard Change</i>								<b>4.6%</b>	<b>57.9%</b>	<b>6.0%</b>

#### Percent of Total

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Federal Total</b>	<b>68.7%</b>	<b>68.6%</b>	<b>69.5%</b>	<b>70.4%</b>	<b>71.3%</b>	<b>73.5%</b>	<b>73.4%</b>	<b>72.4%</b>	<b>69.8%</b>
HHS	42.0%	43.8%	46.3%	46.8%	46.9%	48.3%	50.5%	49.3%	47.0%
NSF	7.6%	8.6%	7.7%	7.8%	8.7%	8.7%	8.0%	8.0%	7.4%
DOD	6.6%	5.9%	6.3%	6.9%	7.3%	7.7%	6.6%	6.2%	6.8%
<b>Non-Federal Total</b>	<b>15.6%</b>	<b>14.9%</b>	<b>14.6%</b>	<b>14.4%</b>	<b>13.4%</b>	<b>12.5%</b>	<b>11.4%</b>	<b>11.8%</b>	<b>12.0%</b>
Industry	6.1%	5.8%	4.8%	5.2%	4.4%	4.5%	4.2%	4.7%	4.9%
Foundations	3.6%	3.6%	3.3%	2.5%	3.0%	2.6%	2.3%	2.3%	2.4%
<b>Total Sponsored Research</b>	<b>84.2%</b>	<b>83.4%</b>	<b>84.2%</b>	<b>84.8%</b>	<b>84.7%</b>	<b>85.9%</b>	<b>84.8%</b>	<b>84.1%</b>	<b>81.9%</b>
<b>U-M Funds</b>	<b>15.8%</b>	<b>16.6%</b>	<b>15.8%</b>	<b>15.2%</b>	<b>15.3%</b>	<b>14.1%</b>	<b>15.2%</b>	<b>15.9%</b>	<b>18.1%</b>
<b>Research Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

\* Beginning in FY 2008, the University implemented Governmental Accounting Standards Board Statement No. 45 "Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions". This Standard requires accrual of postemployment benefits such as healthcare, dental, etc. As a result, the University's Internally Funded Research increased by \$14,764,106 in FY 2008 as a result of this accounting change. FY 2007 does not reflect this new accounting standard.