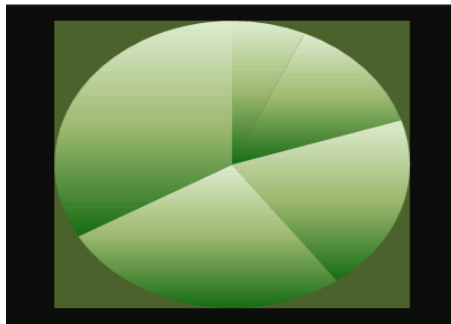
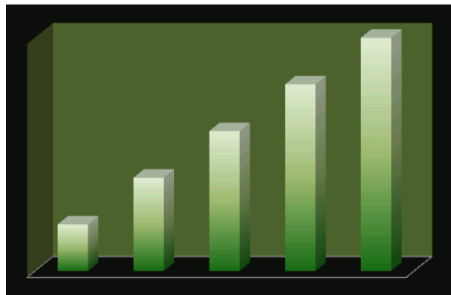




# Annual Research Report



Annual Research Expenditures

Proposals Submitted

Awards Received

Fiscal Year 2008

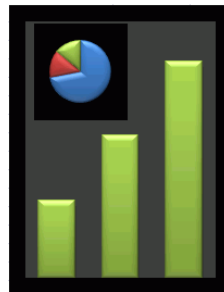
# Annual Research Report

## Foreword

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There are several factors that can contribute to charts and totals appearing overly high or overly low. These factors include:

- ◆ Proposal totals represent new, competing continuation, supplemental, and resubmitted proposals.
- ◆ Award totals represent all new and incremental funding toward a new or existing project. Award totals may not represent *total* award amounts for multi-year awards. Only award dollars received to date are represented in this report.
- ◆ Various charts and dollar figures may reflect multi-year, multi-million dollar proposals or awards.



# Annual Research Report

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# **SECTION I**

## **Annual Research Expenditures**

### Annual Research Expenditures

Note: Amounts shown are in \$1,000,000's

	2004	2005	2006	2007	2008	Percent Change between 2007 and 2008	Percent Change between 2004 and 2008
<b>Federal</b>							
DOD Dept of Defense	15.2	14.6	16.0	16.0	15.4	-4%	1%
DOE Dept of Energy	8.7	9.7	9.2	7.6	8.6	13%	-1%
HHS Health and Human Services	43.1	46.9	53.3	67.5	54.2	-20%	26%
Misc. Federal	25.4	26.5	26.9	26.1	27.8	7%	9%
NASA National Aero & Space Admin	9.0	12.4	11.7	11.8	11.8	0%	31%
Non-Science & Engineering (Federal)	7.2	6.2	10.0	6.4	6.0	-6%	-17%
NSF National Science Foundation	20.9	23.7	24.0	26.2	30.0	15%	44%
USDA Dept of Agriculture	39.8	42.9	41.5	55.5	61.1	10%	54%
<b>Total Federal</b>	<b>169.3</b>	<b>182.9</b>	<b>192.6</b>	<b>217.1</b>	<b>214.9</b>	<b>-1%</b>	<b>27%</b>
<b>Non Federal</b>							
Industrials	13.4	12.4	13.9	14.7	18.1	23%	35%
State and Local	10.3	10.9	15.2	12.3	12.8	4%	24%
Non-Science & Engineering (Non-Federal)	1.7	1.5	1.9	0.7	1.0	43%	-41%
Foundations	1.1	1.6	1.5	1.4	3.7	164%	236%
All other Non-Federal Sources	1.1	4.5	4.9	6.7	7.8	16%	609%
<b>Total Non-Federal</b>	<b>27.6</b>	<b>30.9</b>	<b>37.4</b>	<b>35.8</b>	<b>43.4</b>	<b>21%</b>	<b>57%</b>
<b>Total Sponsored Funds</b>	<b>196.9</b>	<b>213.8</b>	<b>230.0</b>	<b>252.9</b>	<b>258.3</b>	<b>2%</b>	<b>31%</b>
<b>Institutional Funds</b>	<b>27.3</b>	<b>30.5</b>	<b>37.4</b>	<b>43.1</b>	<b>44.3</b>	<b>3%</b>	<b>62%</b>
<b>Total Research Expenditures</b>	<b>224.2</b>	<b>244.3</b>	<b>267.4</b>	<b>296.0</b>	<b>302.6</b>	<b>2%</b>	<b>35%</b>

## **SECTION II**

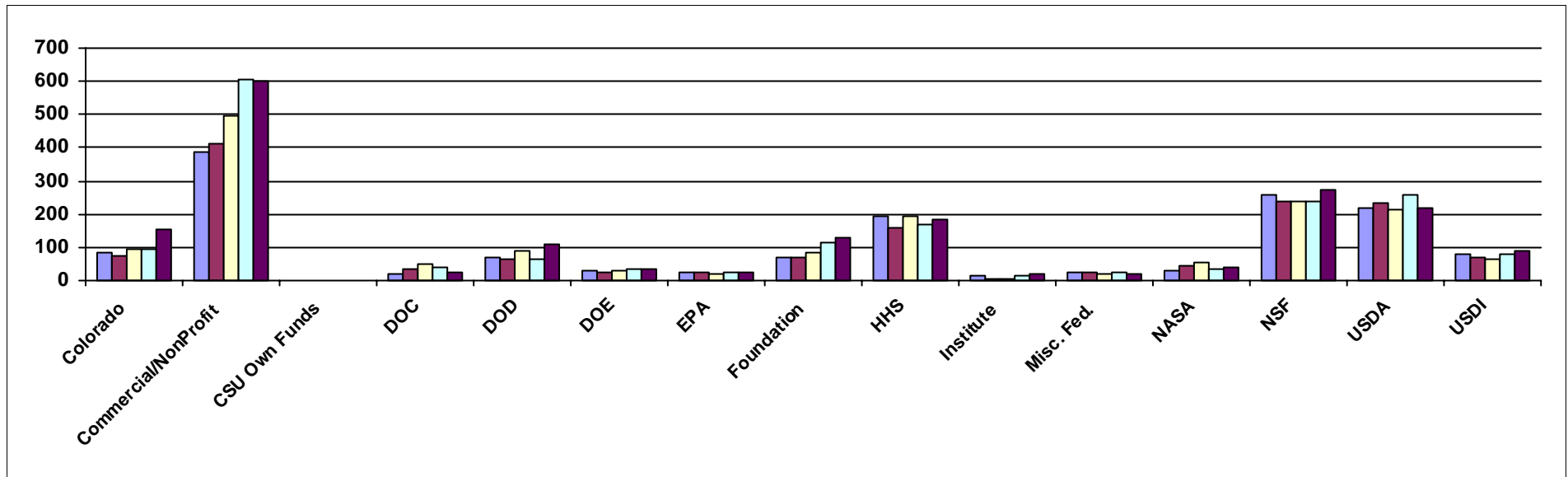
### **External Competitive Proposals Submitted**

**Proposals by Fund Source**  
**Proposals by College**

### Proposals Submitted by Fund Source (July - June)

Total #

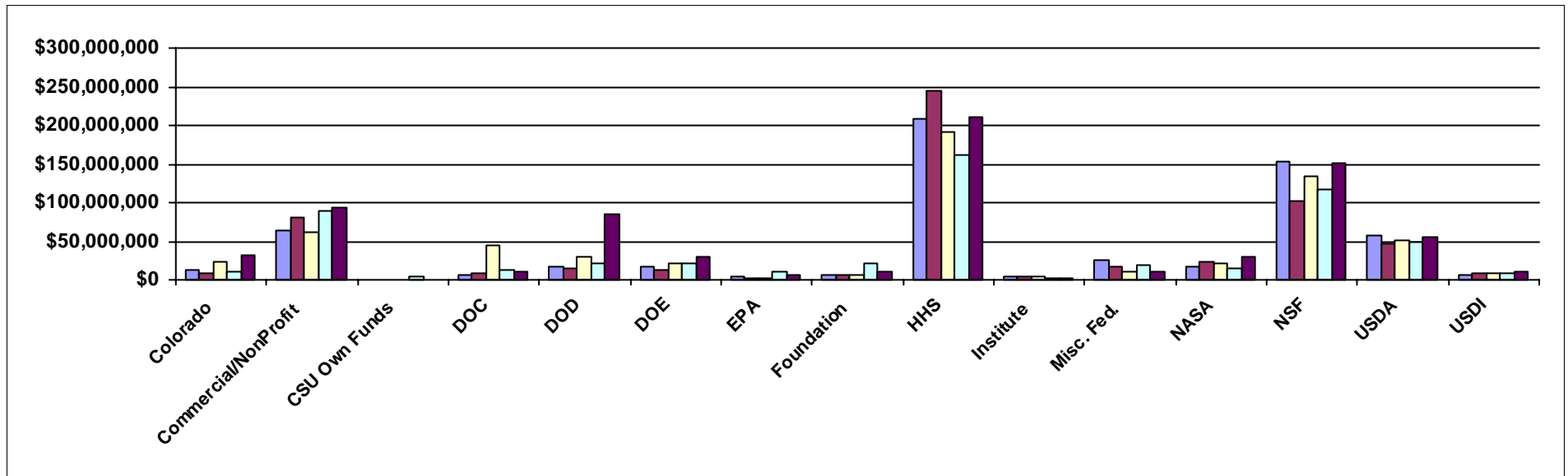
	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Colorado	85	74	-12.9%	92	24.3%	92	0.0%	156	69.6%
Commercial/Non Foundation	385	412	7.0%	498	20.9%	606	21.7%	602	-0.7%
Institute	71	68	-4.2%	84	23.5%	113	34.5%	128	13.3%
Total Non-Federal	557	561	0.7%	681	21.4%	828	21.6%	905	9.3%
DOC	20	33	65.0%	49	48.5%	42	-14.3%	27	-35.7%
DOD	71	67	-5.6%	88	31.3%	65	-26.1%	107	64.6%
DOE	28	26	-7.1%	32	23.1%	34	6.3%	36	5.9%
EPA	23	25	8.7%	21	-16.0%	26	23.8%	23	-11.5%
HHS	196	159	-18.9%	193	21.4%	167	-13.5%	184	10.2%
Misc. Fed.	24	24	0.0%	21	-12.5%	24	14.3%	18	-25.0%
NASA	32	44	37.5%	57	29.5%	35	-38.6%	39	11.4%
NSF	260	236	-9.2%	240	1.7%	239	-0.4%	275	15.1%
USDA	220	234	6.4%	213	-9.0%	259	21.6%	220	-15.1%
USDI	77	68	-11.7%	63	-7.4%	77	22.2%	90	16.9%
Total Federal	951	916	-3.7%	977	6.7%	968	-0.9%	1019	5.3%
CSU Own Fund				1		1	0.0%		
Total CSU Own Fu				1		1	0.0%		
<b>TOTAL</b>	<b>1508</b>	<b>1477</b>	<b>-2.1%</b>	<b>1659</b>	<b>12.3%</b>	<b>1797</b>	<b>8.3%</b>	<b>1924</b>	<b>7.1%</b>



### Proposals Submitted by Fund Source (July - June)

Total \$

	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Colorado	\$12,092,715	\$7,651,483	-36.7%	\$22,391,635	192.6%	\$10,658,310	-52.4%	\$31,275,865	193.4%
Commercial/No Foundation	\$64,321,824	\$80,773,383	25.6%	\$61,212,613	-24.2%	\$89,998,905	47.0%	\$93,884,095	4.3%
Institute	\$4,691,548	\$3,947,791	-15.9%	\$3,249,809	-17.7%	\$2,868,940	-11.7%	\$2,440,810	-14.9%
<b>Total Non-Federal</b>	<b>\$88,210,561</b>	<b>\$98,794,216</b>	<b>12.0%</b>	<b>\$93,803,528</b>	<b>-5.1%</b>	<b>\$124,294,998</b>	<b>32.5%</b>	<b>\$138,354,647</b>	<b>11.3%</b>
DOC	\$7,251,245	\$9,042,456	24.7%	\$45,071,352	398.4%	\$13,487,061	-70.1%	\$10,319,125	-23.5%
DOD	\$16,327,783	\$13,849,463	-15.2%	\$29,397,644	112.3%	\$21,551,123	-26.7%	\$85,115,289	294.9%
DOE	\$16,784,070	\$12,297,109	-26.7%	\$20,875,116	69.8%	\$20,779,165	-0.5%	\$30,539,118	47.0%
EPA	\$4,023,902	\$2,855,083	-29.0%	\$3,150,796	10.4%	\$10,095,206	220.4%	\$5,415,182	-46.4%
HHS	\$208,625,848	\$244,100,616	17.0%	\$192,187,400	-21.3%	\$162,747,287	-15.3%	\$211,014,053	29.7%
Misc. Fed.	\$26,329,514	\$16,892,248	-35.8%	\$11,126,898	-34.1%	\$19,636,037	76.5%	\$10,561,747	-46.2%
NASA	\$16,338,900	\$24,403,137	49.4%	\$22,202,912	-9.0%	\$15,872,675	-28.5%	\$30,369,258	91.3%
NSF	\$153,004,763	\$102,290,525	-33.1%	\$133,434,009	30.4%	\$116,631,712	-12.6%	\$150,945,635	29.4%
USDA	\$57,432,822	\$47,751,342	-16.9%	\$50,582,074	5.9%	\$48,538,576	-4.0%	\$54,841,565	13.0%
USDI	\$5,955,687	\$8,032,200	34.9%	\$8,350,255	4.0%	\$7,639,743	-8.5%	\$11,409,475	49.3%
<b>Total Federal</b>	<b>\$512,074,534</b>	<b>\$481,514,179</b>	<b>-6.0%</b>	<b>\$516,378,456</b>	<b>7.2%</b>	<b>\$436,978,585</b>	<b>-15.4%</b>	<b>\$600,530,447</b>	<b>37.4%</b>
CSU Own Fund				\$24,215		\$4,882,978	20065.1%		
<b>Total CSU Own Fu</b>				<b>\$24,215</b>		<b>\$4,882,978</b>	<b>20065.1%</b>		
<b>TOTAL</b>	<b>\$600,285,095</b>	<b>\$580,308,395</b>	<b>-3.3%</b>	<b>\$610,206,199</b>	<b>5.2%</b>	<b>\$566,156,561</b>	<b>-7.2%</b>	<b>\$738,885,094</b>	<b>30.5%</b>

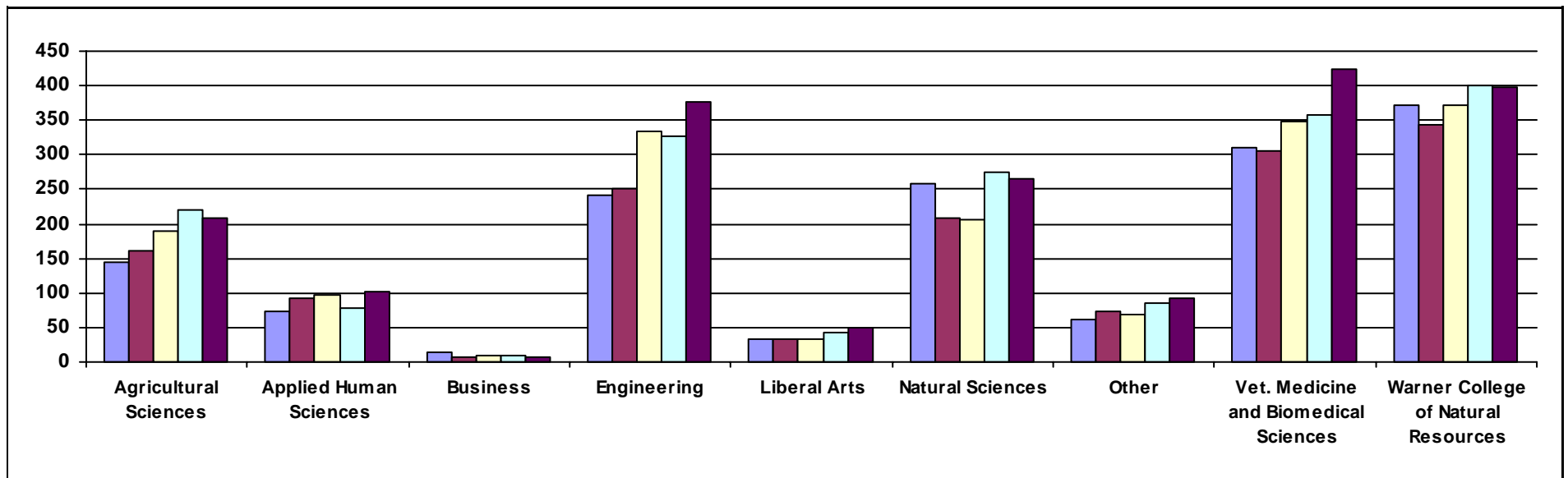




### Proposals Submitted by College (July - June)

Total #

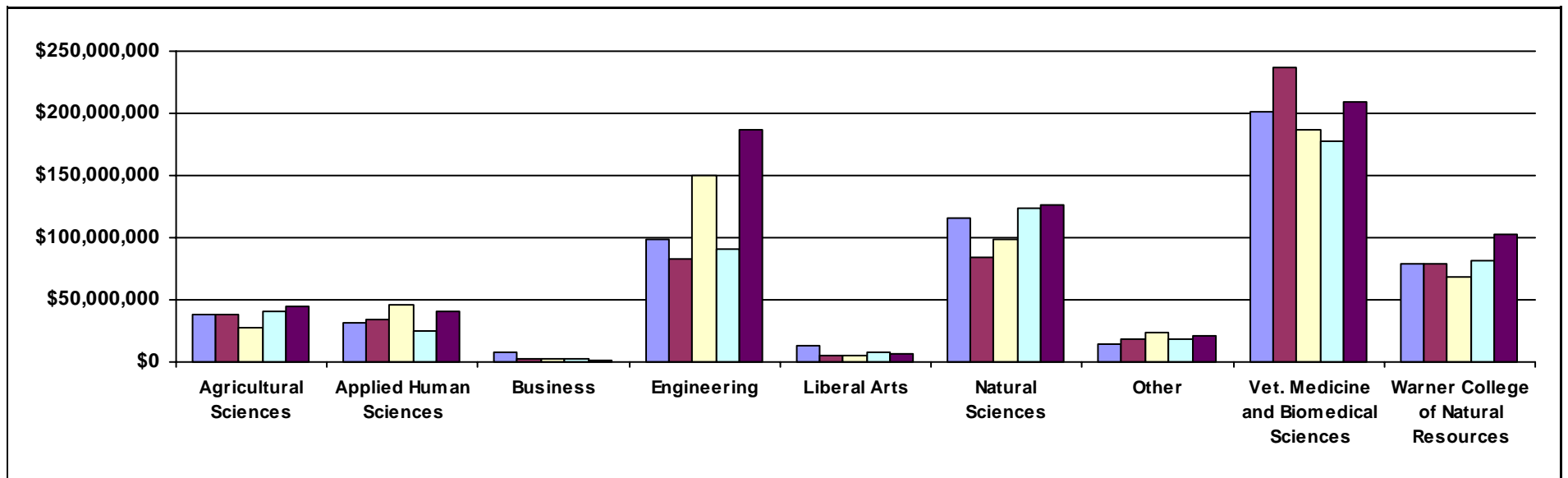
	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Agricultural Scie	145	162	11.7%	189	16.7%	221	16.9%	208	-5.9%
Applied Human	73	93	27.4%	98	5.4%	79	-19.4%	102	29.1%
Business	14	6	-57.1%	9	50.0%	9	0.0%	8	-11.1%
Engineering	242	252	4.1%	335	32.9%	326	-2.7%	376	15.3%
Liberal Arts	32	33	3.1%	32	-3.0%	42	31.3%	50	19.0%
Natural Science	259	209	-19.3%	207	-1.0%	275	32.9%	265	-3.6%
Other	61	74	21.3%	68	-8.1%	86	26.5%	93	8.1%
Vet. Medicine a	310	305	-1.6%	349	14.4%	358	2.6%	425	18.7%
Warner College	372	343	-7.8%	372	8.5%	401	7.8%	397	-1.0%
<b>TOTAL</b>	<b>1508</b>	<b>1477</b>	<b>-2.1%</b>	<b>1659</b>	<b>12.3%</b>	<b>1797</b>	<b>8.3%</b>	<b>1924</b>	<b>7.1%</b>



### Proposals Submitted by College (July - June)

Total \$

	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Agricultural Scie	\$38,599,382	\$38,661,189	0.2%	\$28,127,390	-27.2%	\$40,393,902	43.6%	\$45,058,986	11.5%
Applied Human	\$31,514,876	\$34,120,941	8.3%	\$45,423,976	33.1%	\$24,652,011	-45.7%	\$40,549,332	64.5%
Business	\$8,259,631	\$2,622,684	-68.2%	\$2,056,954	-21.6%	\$2,612,940	27.0%	\$882,269	-66.2%
Engineering	\$99,285,631	\$82,768,037	-16.6%	\$150,556,626	81.9%	\$90,668,847	-39.8%	\$186,216,219	105.4%
Liberal Arts	\$13,175,538	\$5,378,016	-59.2%	\$5,492,325	2.1%	\$7,297,094	32.9%	\$6,928,809	-5.0%
Natural Science	\$115,622,300	\$84,057,659	-27.3%	\$98,933,902	17.7%	\$123,183,674	24.5%	\$125,802,299	2.1%
Other	\$14,293,700	\$17,956,229	25.6%	\$23,730,137	32.2%	\$18,868,287	-20.5%	\$21,548,799	14.2%
Vet. Medicine a	\$201,036,656	\$236,355,700	17.6%	\$187,129,119	-20.8%	\$177,553,303	-5.1%	\$209,704,047	18.1%
Warner College	\$78,497,381	\$78,387,940	-0.1%	\$68,755,770	-12.3%	\$80,926,503	17.7%	\$102,194,334	26.3%
<b>TOTAL</b>	<b>\$600,285,095</b>	<b>\$580,308,395</b>	<b>-3.3%</b>	<b>\$610,206,199</b>	<b>5.2%</b>	<b>\$566,156,561</b>	<b>-7.2%</b>	<b>\$738,885,094</b>	<b>30.5%</b>



## **SECTION III**

### **Awards Received**

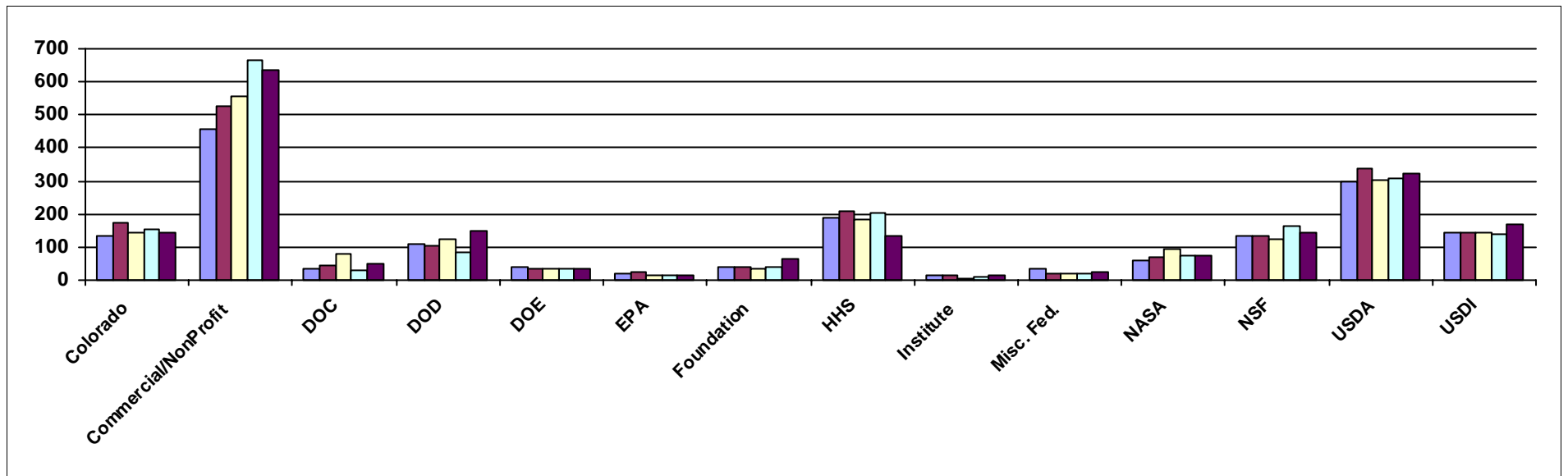
**Awards by Fund Source**

**Awards by College**

### Awards Received by Fund Source (July - June)

Total #

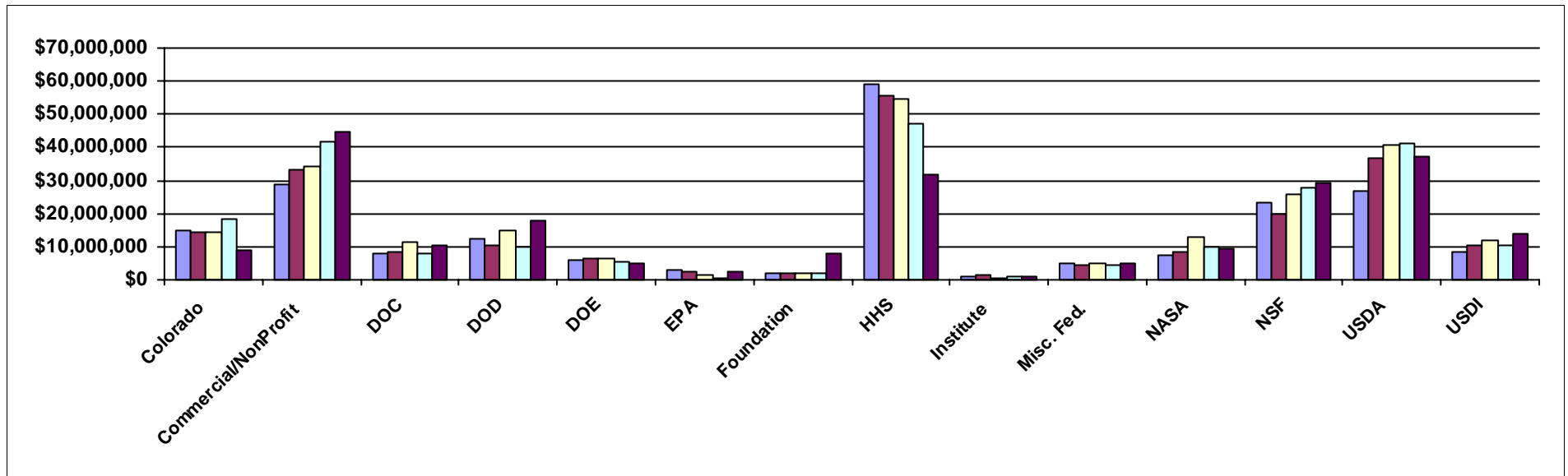
	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Colorado	133	173	30.1%	144	-16.8%	153	6.3%	146	-4.6%
Commercial/No Foundation	459	528	15.0%	556	5.3%	666	19.8%	636	-4.5%
Institute	13	14	7.7%	7	-50.0%	11	57.1%	13	18.2%
<b>Total Non-Federal</b>	<b>647</b>	<b>756</b>	<b>16.8%</b>	<b>743</b>	<b>-1.7%</b>	<b>870</b>	<b>17.1%</b>	<b>858</b>	<b>-1.4%</b>
DOC	34	47	38.2%	80	70.2%	30	-62.5%	51	70.0%
DOD	110	106	-3.6%	125	17.9%	82	-34.4%	148	80.5%
DOE	42	33	-21.4%	37	12.1%	33	-10.8%	33	0.0%
EPA	21	23	9.5%	16	-30.4%	17	6.3%	16	-5.9%
HHS	190	210	10.5%	186	-11.4%	203	9.1%	134	-34.0%
Misc. Fed.	35	22	-37.1%	22	0.0%	18	-18.2%	23	27.8%
NASA	59	69	16.9%	93	34.8%	72	-22.6%	75	4.2%
NSF	133	135	1.5%	125	-7.4%	162	29.6%	144	-11.1%
USDA	297	340	14.5%	304	-10.6%	310	2.0%	325	4.8%
USDI	145	144	-0.7%	142	-1.4%	140	-1.4%	171	22.1%
<b>Total Federal</b>	<b>1066</b>	<b>1129</b>	<b>5.9%</b>	<b>1130</b>	<b>0.1%</b>	<b>1067</b>	<b>-5.6%</b>	<b>1120</b>	<b>5.0%</b>
<b>TOTAL</b>	<b>1713</b>	<b>1885</b>	<b>10.0%</b>	<b>1873</b>	<b>-0.6%</b>	<b>1937</b>	<b>3.4%</b>	<b>1978</b>	<b>2.1%</b>



### Awards Received by Fund Source (July - June)

Total \$

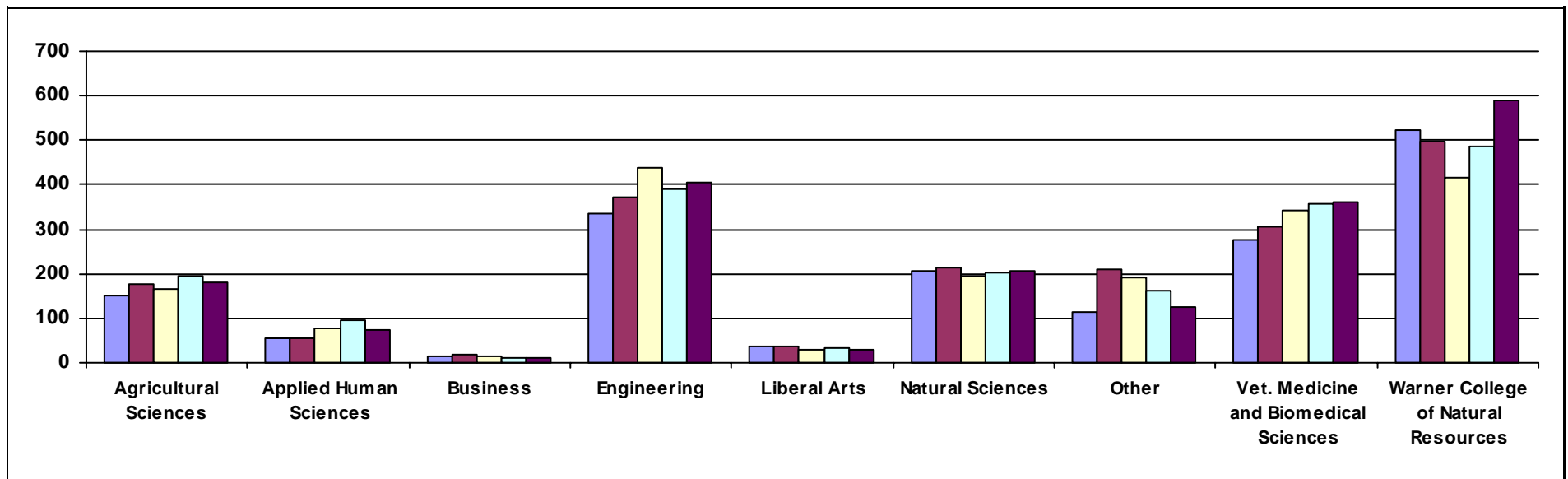
	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Colorado	\$14,758,890	\$14,490,697	-1.8%	\$14,363,438	-0.9%	\$18,257,010	27.1%	\$9,170,786	-49.8%
Commercial/No Foundation	\$29,021,900	\$33,158,039	14.3%	\$34,027,728	2.6%	\$41,807,594	22.9%	\$44,662,069	6.8%
Institute	\$956,412	\$1,663,714	74.0%	\$406,829	-75.5%	\$809,036	98.9%	\$781,947	-3.3%
<b>Total Non-Federal</b>	<b>\$46,713,537</b>	<b>\$51,066,158</b>	<b>9.3%</b>	<b>\$50,847,591</b>	<b>-0.4%</b>	<b>\$62,790,258</b>	<b>23.5%</b>	<b>\$62,651,910</b>	<b>-0.2%</b>
DOC	\$8,057,779	\$8,453,069	4.9%	\$11,594,261	37.2%	\$7,786,832	-32.8%	\$10,648,788	36.8%
DOD	\$12,344,145	\$10,185,219	-17.5%	\$14,766,176	45.0%	\$9,788,140	-33.7%	\$17,871,137	82.6%
DOE	\$5,915,623	\$6,231,680	5.3%	\$6,322,256	1.5%	\$5,342,111	-15.5%	\$4,750,688	-11.1%
EPA	\$2,860,241	\$2,306,795	-19.3%	\$1,290,257	-44.1%	\$464,807	-64.0%	\$2,446,800	426.4%
HHS	\$58,969,281	\$55,639,474	-5.6%	\$54,676,457	-1.7%	\$47,353,055	-13.4%	\$31,961,834	-32.5%
Misc. Fed.	\$5,024,212	\$4,486,006	-10.7%	\$5,056,099	12.7%	\$4,296,786	-15.0%	\$5,040,712	17.3%
NASA	\$7,690,691	\$8,481,245	10.3%	\$12,939,787	52.6%	\$9,819,238	-24.1%	\$9,378,837	-4.5%
NSF	\$23,161,179	\$19,684,274	-15.0%	\$25,797,916	31.1%	\$27,889,075	8.1%	\$29,456,514	5.6%
USDA	\$26,674,138	\$36,675,117	37.5%	\$40,690,388	10.9%	\$41,205,842	1.3%	\$37,402,510	-9.2%
USDI	\$8,594,917	\$10,190,949	18.6%	\$11,844,531	16.2%	\$10,549,464	-10.9%	\$14,110,207	33.8%
<b>Total Federal</b>	<b>\$159,292,206</b>	<b>\$162,333,828</b>	<b>1.9%</b>	<b>\$184,978,128</b>	<b>13.9%</b>	<b>\$164,495,350</b>	<b>-11.1%</b>	<b>\$163,068,027</b>	<b>-0.9%</b>
<b>TOTAL</b>	<b>\$206,005,743</b>	<b>\$213,399,986</b>	<b>3.6%</b>	<b>\$235,825,719</b>	<b>10.5%</b>	<b>\$227,285,608</b>	<b>-3.6%</b>	<b>\$225,719,937</b>	<b>-0.7%</b>



### Awards Received by College (July - June)

Total #

	2004	2005	% Change	2006	% Change	2007	% Change	2008	% Change
Agricultural Scie	152	176	15.8%	166	-5.7%	197	18.7%	181	-8.1%
Applied Human	54	57	5.6%	77	35.1%	97	26.0%	72	-25.8%
Business	13	17	30.8%	14	-17.6%	12	-14.3%	12	0.0%
Engineering	337	371	10.1%	439	18.3%	390	-11.2%	405	3.8%
Liberal Arts	36	38	5.6%	31	-18.4%	33	6.5%	29	-12.1%
Natural Science	207	215	3.9%	194	-9.8%	202	4.1%	205	1.5%
Other	114	209	83.3%	193	-7.7%	161	-16.6%	124	-23.0%
Vet. Medicine a	278	306	10.1%	344	12.4%	359	4.4%	362	0.8%
Warner College	522	496	-5.0%	415	-16.3%	486	17.1%	588	21.0%
<b>TOTAL</b>	<b>1713</b>	<b>1885</b>	<b>10.0%</b>	<b>1873</b>	<b>-0.6%</b>	<b>1937</b>	<b>3.4%</b>	<b>1978</b>	<b>2.1%</b>



### Awards Received by College (July - June)

Total \$

	2004	2006	% Change	2006	% Change	2007	% Change	2008	% Change
Agricultural Scie	\$9,717,369	\$9,698,415	-0.2%	\$10,995,868	13.4%	\$11,936,709	8.6%	\$9,345,249	-21.7%
Applied Human	\$7,620,712	\$5,006,347	-34.3%	\$8,554,558	70.9%	\$11,668,268	36.4%	\$6,415,107	-45.0%
Business	\$655,432	\$967,050	47.5%	\$1,379,425	42.6%	\$913,588	-33.8%	\$1,700,751	86.2%
Engineering	\$45,745,198	\$45,857,483	0.2%	\$61,042,140	33.1%	\$46,133,528	-24.4%	\$58,539,414	26.9%
Liberal Arts	\$1,523,928	\$2,197,591	44.2%	\$1,480,885	-32.6%	\$1,566,865	5.8%	\$1,095,255	-30.1%
Natural Science	\$26,783,060	\$26,431,573	-1.3%	\$22,248,318	-15.8%	\$24,226,423	8.9%	\$26,666,918	10.1%
Other	\$30,679,584	\$24,124,702	-21.4%	\$29,858,721	23.8%	\$25,125,084	-15.9%	\$10,023,114	-60.1%
Vet. Medicine a	\$45,138,021	\$61,283,999	35.8%	\$64,440,350	5.2%	\$60,807,345	-5.6%	\$54,473,593	-10.4%
Warner College	\$38,142,439	\$37,832,826	-0.8%	\$35,825,454	-5.3%	\$44,907,797	25.4%	\$57,460,536	28.0%
<b>TOTAL</b>	<b>\$206,005,743</b>	<b>\$213,399,986</b>	<b>3.6%</b>	<b>\$235,825,719</b>	<b>10.5%</b>	<b>\$227,285,608</b>	<b>-3.6%</b>	<b>\$225,719,937</b>	<b>-0.7%</b>

