

Annual Research Report



Annual Research Expenditures

Proposals Submitted

Awards Received

Fiscal Year 2011

Annual Research Report

Contents

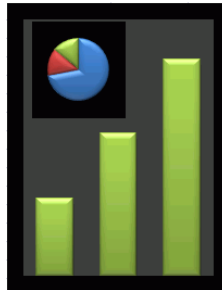
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Annual Research Report

Foreword

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

- ◆ Award totals represent all new and incremental funding toward a new or existing project. Award totals represent dollars received. Award totals may not represent *total* amount anticipated by a sponsor.
- ◆ Proposal totals include all new, competing continuations, resubmissions, and supplements. Totals do not include amendments/modifications, negotiated revisions, or pre-proposals.
- ◆ Various charts and dollar figures may reflect multi-year, multi-million dollar proposals or awards.



SECTION I

Annual Research Expenditures

Colorado State University
Annual Research Expenditures
By Prime Sponsoring Agency

(federal flow-through is reflected in federal figures)

<i>Note: Amounts shown are in \$1,000,000's</i>	2007	2008	2009	2010	2011
Federal					
USDA Dept of Agriculture	\$ 55.5	\$ 61.1	\$ 64.7	\$ 53.3	\$ 48.3
DOD Dept of Defense	16.0	15.4	23.1	22.3	29.5
DOE Dept of Energy	7.6	8.6	8.0	7.4	9.2
HHS Health and Human Services	67.5	54.2	47.3	50.5	52.9
NSF National Science Foundation	26.2	30.0	31.9	31.9	36.7
NASA National Aero & Space Admin	11.8	11.8	11.5	11.6	11.1
Misc. Federal	26.1	27.8	25.4	29.0	43.1
Non-Science & Engineering (Federal)	6.4	6.0	5.1	5.7	5.8
Total Federal	217.1	214.9	217.0	211.7	236.6
Non Federal					
Industrials	14.7	18.1	19.1	17.4	14.7
State and Local	12.3	12.8	18.6	14.6	18.4
Non-Science & Engineering (Non-Federal)	0.7	1.0	1.2	4.7	4.0
Foundations	1.4	3.7	4.2	8.6	7.4
All other Non-Federal Sources	6.7	7.8	8.5	3.8	1.5
Total Non-Federal	35.8	43.4	51.6	49.1	46.0
Total Sponsored Funds	252.9	258.3	268.6	260.8	282.6
Local Funds					
Trainee Support			0.5	0.2	0.5
Contracted Services			7.4	5.7	5.6
Infrastructure			3.7	3.2	4.4
Legislated & Sponsor Required Support			31.5	33.0	37.7
Local Funds	43.1	44.3	43.1	42.1	48.2
Total Research Expenditures	\$ 296.0	\$ 302.6	\$ 311.7	\$ 302.9	\$ 330.8

SECTION II

Externally Competitive Proposals Submitted

Proposals by Fund Source

Proposals by College

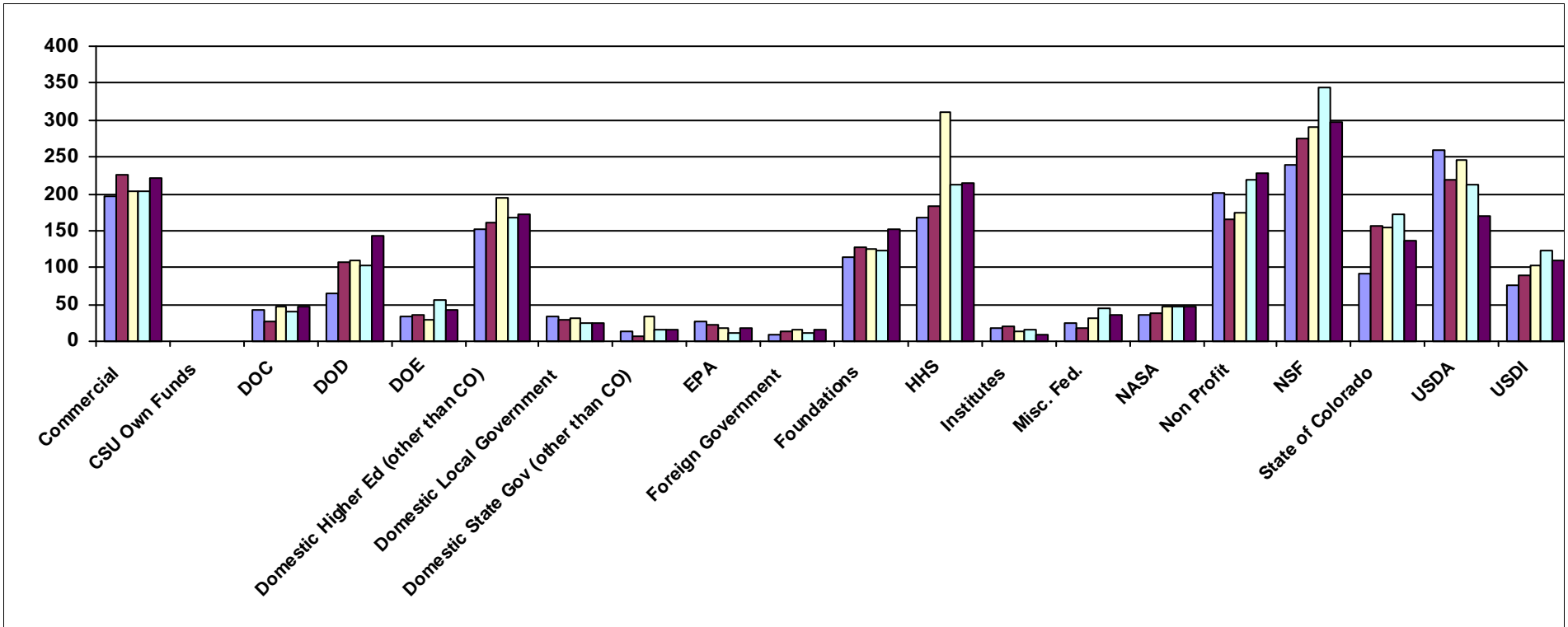
Proposals Submitted by Fund Source (July - June)

Total

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Commercial	197	226	14.7%	204	-9.7%	203	-0.5%	222	9.4%
Domestic Higher Ed (other than CO)	153	160	4.6%	195	21.9%	167	-14.4%	171	2.4%
Domestic Local Government	34	29	-14.7%	32	10.3%	25	-21.9%	25	0.0%
Domestic State Gov (other than CO)	13	7	-46.2%	34	385.7%	16	-52.9%	16	0.0%
Foreign Government	8	14	75.0%	15	7.1%	11	-26.7%	15	36.4%
Foundations	113	128	13.3%	126	-1.6%	122	-3.2%	153	25.4%
Institutes	17	19	11.8%	13	-31.6%	16	23.1%	10	-37.5%
Non Profit	201	166	-17.4%	175	5.4%	218	24.6%	228	4.6%
State of Colorado	92	156	69.6%	155	-0.6%	172	11.0%	136	-20.9%
Total Non-Federal	828	905	9.3%	949	4.9%	950	0.1%	976	2.7%
DOC	42	27	-35.7%	48	77.8%	41	-14.6%	46	12.2%
DOD	65	107	64.6%	109	1.9%	103	-5.5%	142	37.9%
DOE	34	36	5.9%	30	-16.7%	55	83.3%	43	-21.8%
EPA	26	23	-11.5%	18	-21.7%	11	-38.9%	17	54.5%
HHS	167	184	10.2%	310	68.5%	213	-31.3%	214	0.5%
Misc. Fed.	24	18	-25.0%	31	72.2%	44	41.9%	36	-18.2%
NASA	35	39	11.4%	48	23.1%	48	0.0%	47	-2.1%
NSF	239	275	15.1%	290	5.5%	345	19.0%	298	-13.6%
USDA	259	220	-15.1%	245	11.4%	212	-13.5%	169	-20.3%
USDI	77	90	16.9%	103	14.4%	123	19.4%	109	-11.4%
Total Federal	968	1019	5.3%	1232	20.9%	1195	-3.0%	1121	-6.2%
CSU Own Funds	1			1					
Total CSU Own Funds	1			1					
TOTAL	1797	1924	7.1%	2182	13.4%	2145	-1.7%	2097	-2.2%

Proposals Submitted by Fund Source (July - June)

Total #

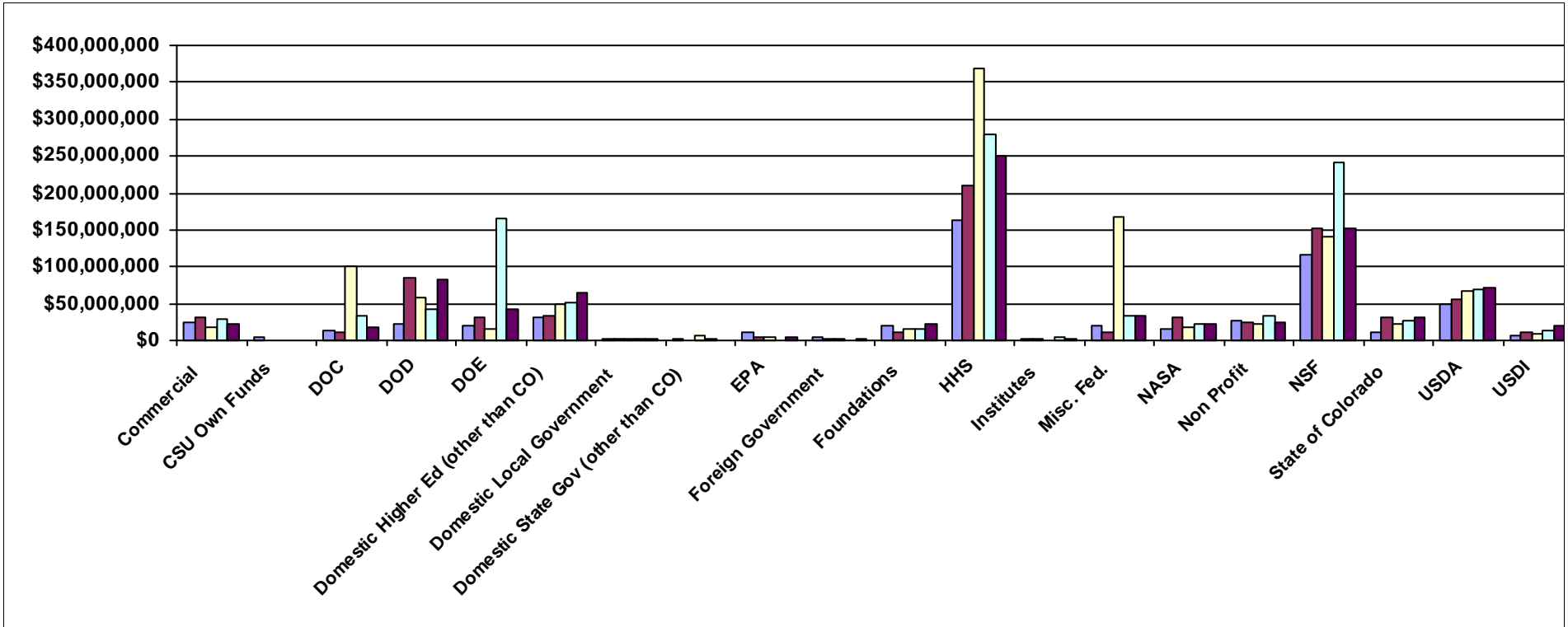


Proposals Submitted by Fund Source (July - June)

Total \$

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Commercial	\$24,821,919	\$32,019,344	29.0%	\$18,790,952	-41.3%	\$28,446,181	51.4%	\$23,205,076	-18.4%
Domestic Higher Ed (other than CO)	\$31,901,181	\$34,296,502	7.5%	\$49,150,421	43.3%	\$51,926,730	5.6%	\$65,162,946	25.5%
Domestic Local Government	\$1,736,464	\$1,632,116	-6.0%	\$1,489,850	-8.7%	\$1,471,607	-1.2%	\$2,017,434	37.1%
Domestic State Gov (other than CO)	\$2,173,860	\$347,936	-84.0%	\$5,724,390	1545.2%	\$1,238,963	-78.4%	\$964,988	-22.1%
Foreign Government	\$3,648,458	\$2,071,586	-43.2%	\$1,698,668	-18.0%	\$898,370	-47.1%	\$1,672,579	86.2%
Foundations	\$20,768,843	\$10,753,877	-48.2%	\$15,897,975	47.8%	\$16,329,083	2.7%	\$22,233,721	36.2%
Institutes	\$2,868,940	\$2,440,810	-14.9%	\$344,305	-85.9%	\$4,599,646	1235.9%	\$2,699,609	-41.3%
Non Profit	\$25,717,023	\$23,516,611	-8.6%	\$22,992,436	-2.2%	\$34,342,413	49.4%	\$24,886,758	-27.5%
State of Colorado	\$10,658,310	\$31,275,865	193.4%	\$22,761,289	-27.2%	\$27,421,687	20.5%	\$30,558,894	11.4%
Total Non-Federal	\$124,294,998	\$138,354,647	11.3%	\$138,850,286	0.4%	\$166,674,680	20.0%	\$173,402,005	4.0%
DOC	\$13,487,061	\$10,319,125	-23.5%	\$101,048,839	879.2%	\$33,482,038	-66.9%	\$17,309,793	-48.3%
DOD	\$21,551,123	\$85,115,289	294.9%	\$57,396,376	-32.6%	\$43,533,472	-24.2%	\$82,801,426	90.2%
DOE	\$20,779,165	\$30,539,118	47.0%	\$16,602,895	-45.6%	\$165,568,270	897.2%	\$43,284,339	-73.9%
EPA	\$10,095,206	\$5,415,182	-46.4%	\$3,599,956	-33.5%	\$847,860	-76.4%	\$4,301,024	407.3%
HHS	\$162,747,287	\$211,014,053	29.7%	\$369,505,426	75.1%	\$279,674,630	-24.3%	\$249,570,281	-10.8%
Misc. Fed.	\$19,636,037	\$10,561,747	-46.2%	\$168,166,294	1492.2%	\$34,592,250	-79.4%	\$33,445,178	-3.3%
NASA	\$15,872,675	\$30,369,258	91.3%	\$18,151,693	-40.2%	\$23,276,906	28.2%	\$22,568,256	-3.0%
NSF	\$116,631,712	\$150,945,635	29.4%	\$139,975,102	-7.3%	\$240,894,159	72.1%	\$151,671,463	-37.0%
USDA	\$48,538,576	\$54,841,565	13.0%	\$66,210,033	20.7%	\$70,378,018	6.3%	\$71,656,541	1.8%
USDI	\$7,639,743	\$11,409,475	49.3%	\$9,086,206	-20.4%	\$14,245,603	56.8%	\$21,016,356	47.5%
Total Federal	\$436,978,585	\$600,530,447	37.4%	\$949,742,820	58.2%	\$906,493,206	-4.6%	\$697,624,656	-23.0%
CSU Own Funds	\$4,882,978			\$74,847					
Total CSU Own Funds	\$4,882,978			\$74,847					
TOTAL	\$566,156,561	\$738,885,094	30.5%	\$1,088,667,953	47.3%	\$1,073,167,886	-1.4%	\$871,026,661	-18.8%

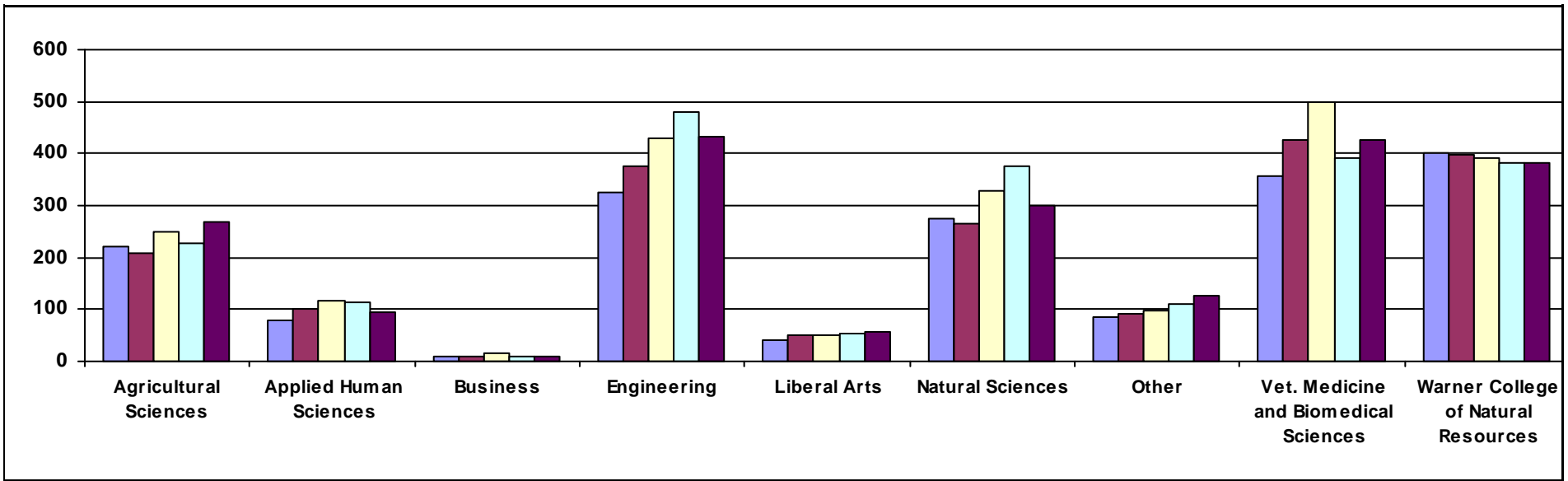
Proposals Submitted by Fund Source (July - June)
Total \$



Proposals Submitted by College (July - June)

Total #

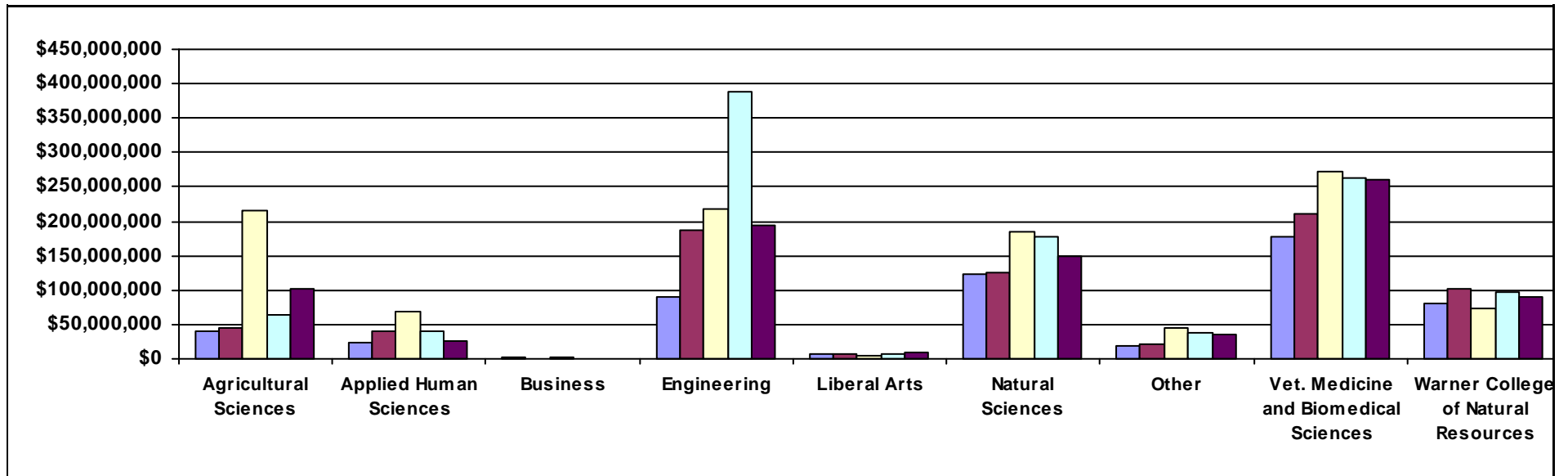
	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Agricultural Scie	221	208	-5.9%	251	20.7%	227	-9.6%	270	18.9%
Applied Human	79	102	29.1%	118	15.7%	114	-3.4%	95	-16.7%
Business	9	8	-11.1%	15	87.5%	9	-40.0%	8	-11.1%
Engineering	326	376	15.3%	431	14.6%	479	11.1%	433	-9.6%
Liberal Arts	42	50	19.0%	51	2.0%	55	7.8%	57	3.6%
Natural Science	275	265	-3.6%	327	23.4%	377	15.3%	300	-20.4%
Other	86	93	8.1%	98	5.4%	111	13.3%	125	12.6%
Vet. Medicine a	358	425	18.7%	500	17.6%	391	-21.8%	426	9.0%
Warner College	401	397	-1.0%	391	-1.5%	382	-2.3%	383	0.3%
TOTAL	1797	1924	7.1%	2182	13.4%	2145	-1.7%	2097	-2.2%



Proposals Submitted by College (July - June)

Total \$

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Agricultural Scie	\$40,393,902	\$45,058,986	11.5%	\$216,476,559	380.4%	\$62,850,356	-71.0%	\$101,243,862	61.1%
Applied Human	\$24,652,011	\$40,549,332	64.5%	\$68,981,863	70.1%	\$41,243,118	-40.2%	\$26,916,283	-34.7%
Business	\$2,612,940	\$882,269	-66.2%	\$2,072,697	134.9%	\$553,703	-73.3%	\$652,448	17.8%
Engineering	\$90,668,847	\$186,216,219	105.4%	\$217,853,327	17.0%	\$387,466,572	77.9%	\$194,876,940	-49.7%
Liberal Arts	\$7,297,094	\$6,928,809	-5.0%	\$5,854,428	-15.5%	\$6,471,249	10.5%	\$10,270,716	58.7%
Natural Science	\$123,183,674	\$125,802,299	2.1%	\$185,487,173	47.4%	\$178,344,013	-3.9%	\$149,562,225	-16.1%
Other	\$18,868,287	\$21,548,799	14.2%	\$45,335,056	110.4%	\$37,833,751	-16.5%	\$35,928,085	-5.0%
Vet. Medicine a	\$177,553,303	\$209,704,047	18.1%	\$272,914,083	30.1%	\$261,909,199	-4.0%	\$261,238,257	-0.3%
Warner College	\$80,926,503	\$102,194,334	26.3%	\$73,692,767	-27.9%	\$96,495,925	30.9%	\$90,337,844	-6.4%
TOTAL	\$566,156,561	\$738,885,094	30.5%	\$1,088,667,953	47.3%	\$1,073,167,886	-1.4%	\$871,026,661	-18.8%



SECTION III

Awards Received

Awards by Fund Source
Awards by College

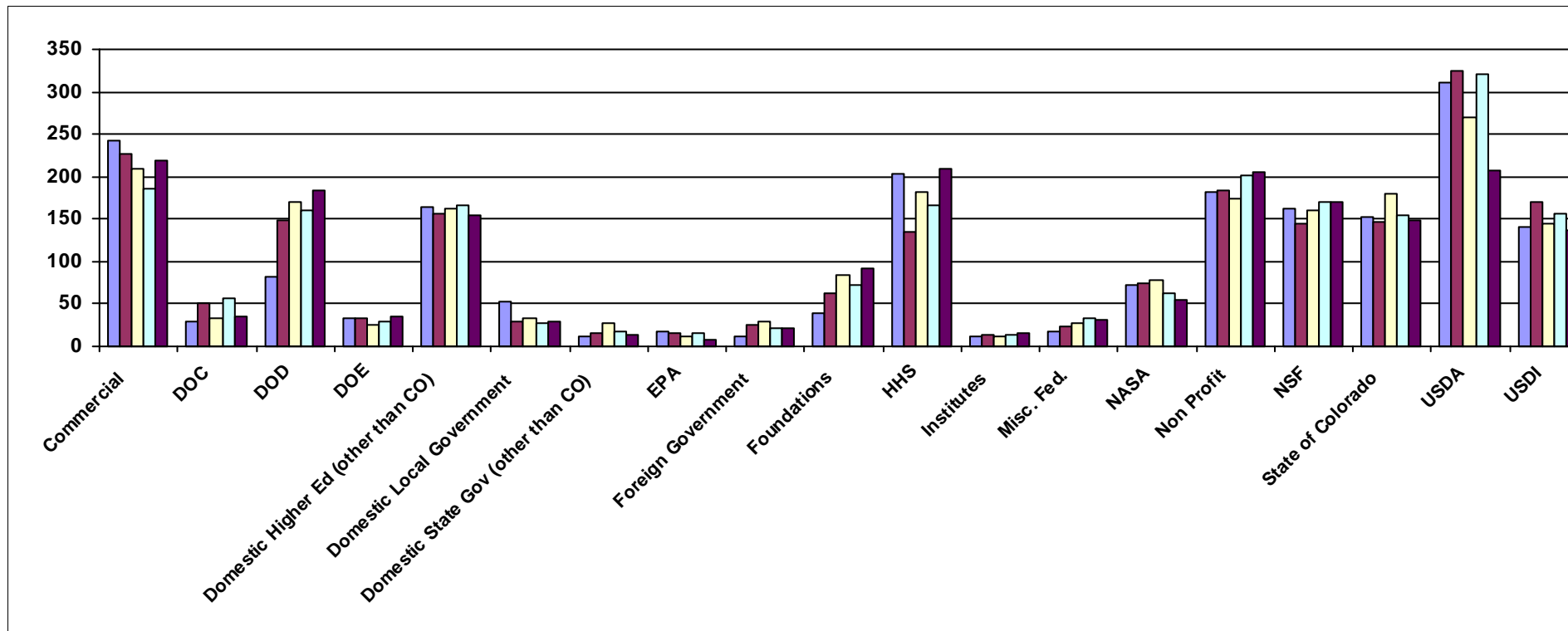
Awards Received by Fund Source (July - June)

Total

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Commercial	242	227	-6.2%	210	-7.5%	186	-11.4%	219	17.7%
Domestic Higher Ed (other than CO)	165	156	-5.5%	163	4.5%	166	1.8%	155	-6.6%
Domestic Local Government	53	29	-45.3%	33	13.8%	28	-15.2%	29	3.6%
Domestic State Gov (other than CO)	12	15	25.0%	28	86.7%	18	-35.7%	13	-27.8%
Foreign Government	12	26	116.7%	30	15.4%	22	-26.7%	22	0.0%
Foundations	40	63	57.5%	85	34.9%	73	-14.1%	91	24.7%
Institutes	11	13	18.2%	12	-7.7%	14	16.7%	15	7.1%
Non Profit	182	183	0.5%	175	-4.4%	202	15.4%	205	1.5%
State of Colorado	153	146	-4.6%	180	23.3%	154	-14.4%	149	-3.2%
Total Non-Federal	870	858	-1.4%	916	6.8%	863	-5.8%	898	4.1%
DOC	30	51	70.0%	33	-35.3%	56	69.7%	36	-35.7%
DOD	82	148	80.5%	171	15.5%	160	-6.4%	183	14.4%
DOE	33	33	0.0%	26	-21.2%	29	11.5%	36	24.1%
EPA	17	16	-5.9%	12	-25.0%	15	25.0%	8	-46.7%
HHS	203	134	-34.0%	182	35.8%	166	-8.8%	209	25.9%
Misc. Fed.	18	23	27.8%	27	17.4%	34	25.9%	32	-5.9%
NASA	72	75	4.2%	79	5.3%	62	-21.5%	55	-11.3%
NSF	162	144	-11.1%	161	11.8%	170	5.6%	171	0.6%
USDA	310	325	4.8%	270	-16.9%	321	18.9%	208	-35.2%
USDI	140	171	22.1%	144	-15.8%	156	8.3%	137	-12.2%
Total Federal	1067	1120	5.0%	1105	-1.3%	1169	5.8%	1075	-8.0%
TOTAL	1937	1978	2.1%	2021	2.2%	2032	0.5%	1973	-2.9%

Awards Received by Fund Source (July - June)

Total #



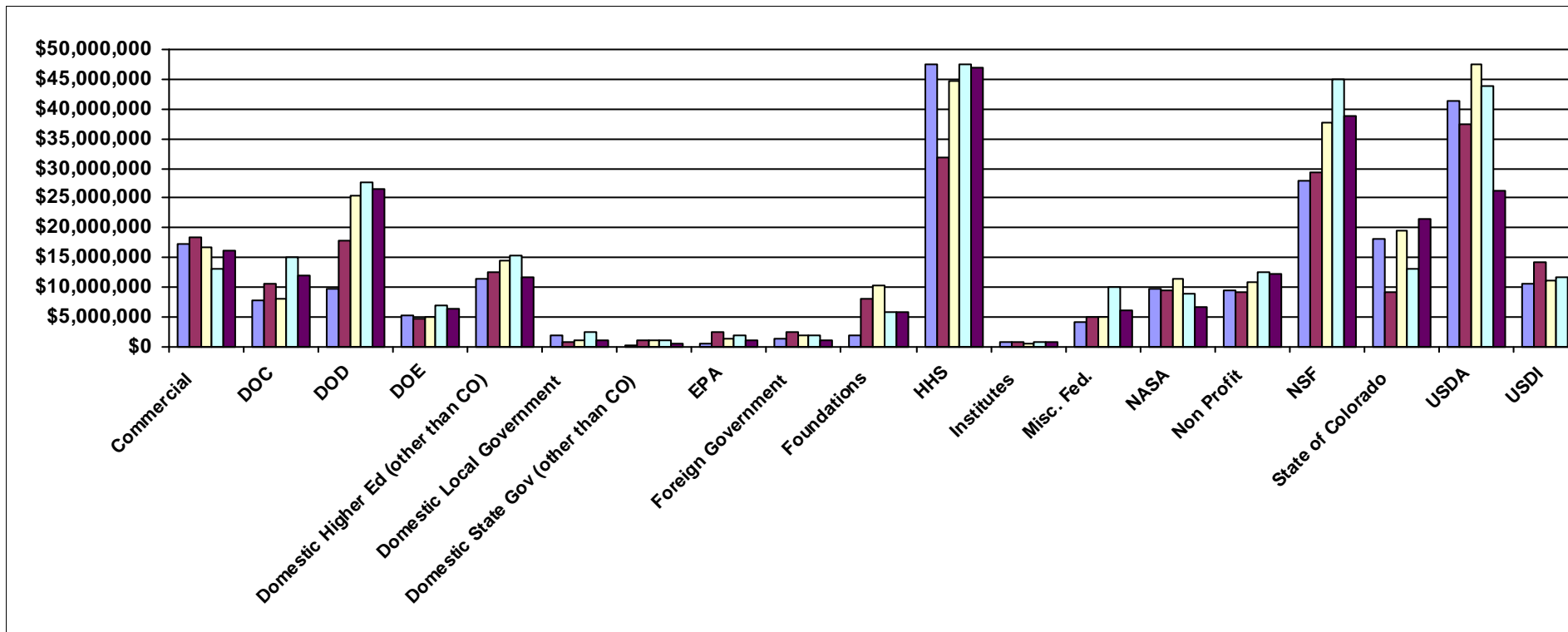
Awards Received by Fund Source (July - June)

Total \$

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Commercial	\$17,189,675	\$18,437,560	7.3%	\$16,869,263	-8.5%	\$13,005,138	-22.9%	\$16,106,707	23.8%
Domestic Higher Ed (other than CO)	\$11,443,823	\$12,697,321	11.0%	\$14,583,269	14.9%	\$15,391,328	5.5%	\$11,684,921	-24.1%
Domestic Local Government	\$1,868,833	\$861,771	-53.9%	\$1,162,032	34.8%	\$2,597,003	123.5%	\$1,161,077	-55.3%
Domestic State Gov (other than CO)	\$342,605	\$1,113,958	225.1%	\$986,995	-11.4%	\$1,141,870	15.7%	\$619,389	-45.8%
Foreign Government	\$1,442,277	\$2,448,018	69.7%	\$1,852,707	-24.3%	\$2,064,096	11.4%	\$1,170,473	-43.3%
Foundations	\$1,916,618	\$8,037,108	319.3%	\$10,392,016	29.3%	\$5,814,803	-44.0%	\$5,868,148	0.9%
Institutes	\$809,036	\$781,947	-3.3%	\$596,003	-23.8%	\$868,416	45.7%	\$937,365	7.9%
Non Profit	\$9,520,380	\$9,103,441	-4.4%	\$10,870,075	19.4%	\$12,635,213	16.2%	\$12,421,655	-1.7%
State of Colorado	\$18,257,010	\$9,170,786	-49.8%	\$19,511,988	112.8%	\$13,230,314	-32.2%	\$21,435,050	62.0%
Total Non-Federal	\$62,790,258	\$62,651,910	-0.2%	\$76,824,347	22.6%	\$66,748,181	-13.1%	\$71,404,785	7.0%
DOC	\$7,786,832	\$10,648,788	36.8%	\$8,129,065	-23.7%	\$15,087,189	85.6%	\$11,876,817	-21.3%
DOD	\$9,788,140	\$17,871,137	82.6%	\$25,410,921	42.2%	\$27,721,797	9.1%	\$26,601,713	-4.0%
DOE	\$5,342,111	\$4,750,688	-11.1%	\$4,982,140	4.9%	\$7,001,781	40.5%	\$6,501,324	-7.1%
EPA	\$464,807	\$2,446,800	426.4%	\$1,328,519	-45.7%	\$1,893,157	42.5%	\$1,135,426	-40.0%
HHS	\$47,353,055	\$31,961,834	-32.5%	\$44,822,235	40.2%	\$47,521,205	6.0%	\$47,017,331	-1.1%
Misc. Fed.	\$4,296,786	\$5,040,712	17.3%	\$4,932,054	-2.2%	\$10,080,556	104.4%	\$6,067,066	-39.8%
NASA	\$9,819,238	\$9,378,837	-4.5%	\$11,350,200	21.0%	\$8,998,913	-20.7%	\$6,839,948	-24.0%
NSF	\$27,889,075	\$29,456,514	5.6%	\$37,747,029	28.1%	\$44,871,204	18.9%	\$38,778,743	-13.6%
USDA	\$41,205,842	\$37,402,510	-9.2%	\$47,540,759	27.1%	\$43,898,086	-7.7%	\$26,158,368	-40.4%
USDI	\$10,549,464	\$14,110,207	33.8%	\$11,282,188	-20.0%	\$11,806,756	4.6%	\$11,424,325	-3.2%
Total Federal	\$164,495,350	\$163,068,027	-0.9%	\$197,525,110	21.1%	\$218,880,644	10.8%	\$182,401,061	-16.7%
TOTAL	\$227,285,608	\$225,719,937	-0.7%	\$274,349,457	21.5%	\$285,628,825	4.1%	\$253,805,846	-11.1%

Awards Received by Fund Source (July - June)

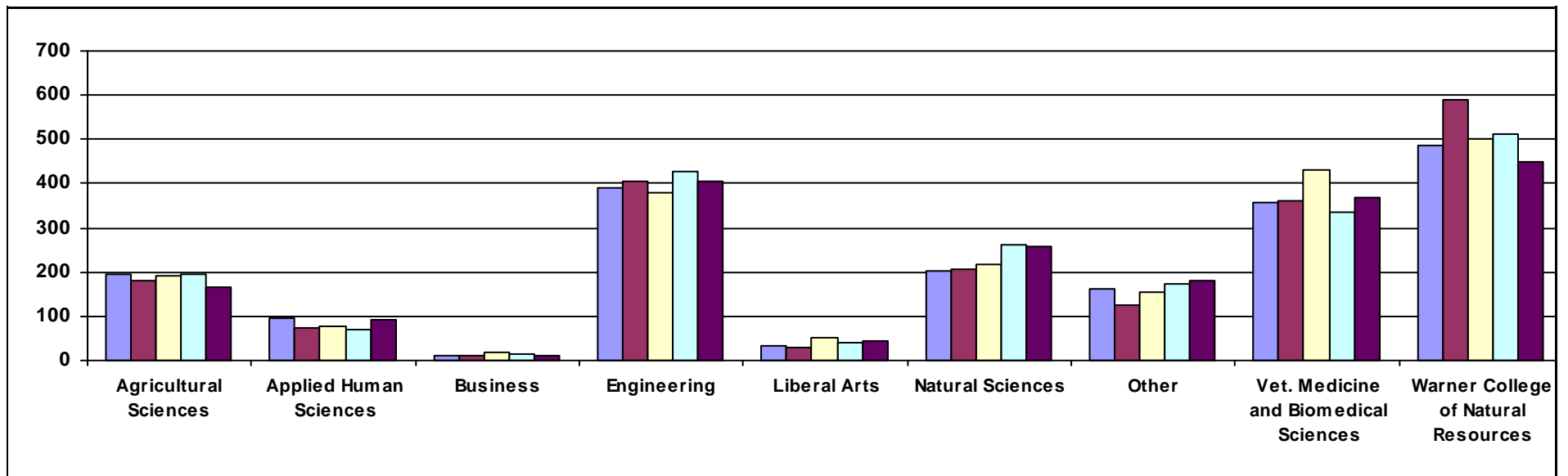
Total \$



Awards Received by College (July - June)

Total #

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Agricultural Scie	197	181	-8.1%	190	5.0%	195	2.6%	165	-15.4%
Applied Human	97	72	-25.8%	78	8.3%	71	-9.0%	91	28.2%
Business	12	12	0.0%	18	50.0%	15	-16.7%	12	-20.0%
Engineering	390	405	3.8%	379	-6.4%	429	13.2%	407	-5.1%
Liberal Arts	33	29	-12.1%	50	72.4%	39	-22.0%	44	12.8%
Natural Science	202	205	1.5%	218	6.3%	261	19.7%	259	-0.8%
Other	161	124	-23.0%	156	25.8%	175	12.2%	180	2.9%
Vet. Medicine a	359	362	0.8%	431	19.1%	336	-22.0%	367	9.2%
Warner College	486	588	21.0%	501	-14.8%	511	2.0%	448	-12.3%
TOTAL	1937	1978	2.1%	2021	2.2%	2032	0.5%	1973	-2.9%



Awards Received by College (July - June)

Total \$

	2007	2008	% Change	2009	% Change	2010	% Change	2011	% Change
Agricultural Scie	\$11,936,709	\$9,345,249	-21.7%	\$17,833,030	90.8%	\$16,508,736	-7.4%	\$12,784,609	-22.6%
Applied Human	\$11,668,268	\$6,415,107	-45.0%	\$16,080,987	150.7%	\$9,271,609	-42.3%	\$10,775,315	16.2%
Business	\$913,588	\$1,700,751	86.2%	\$4,495,635	164.3%	\$1,786,359	-60.3%	\$978,025	-45.3%
Engineering	\$46,133,528	\$58,539,414	26.9%	\$62,763,611	7.2%	\$78,745,667	25.5%	\$63,227,765	-19.7%
Liberal Arts	\$1,566,865	\$1,095,255	-30.1%	\$1,522,441	39.0%	\$2,477,144	62.7%	\$1,533,362	-38.1%
Natural Science	\$24,226,423	\$26,666,918	10.1%	\$25,507,934	-4.3%	\$38,706,946	51.7%	\$32,172,389	-16.9%
Other	\$25,125,084	\$10,023,114	-60.1%	\$28,357,508	182.9%	\$35,743,371	26.0%	\$27,314,888	-23.6%
Vet. Medicine a	\$60,807,345	\$54,473,593	-10.4%	\$59,348,204	8.9%	\$51,179,352	-13.8%	\$53,982,290	5.5%
Warner College	\$44,907,797	\$57,460,536	28.0%	\$58,440,108	1.7%	\$51,209,641	-12.4%	\$51,037,203	-0.3%
TOTAL	\$227,285,608	\$225,719,937	-0.7%	\$274,349,457	21.5%	\$285,628,825	4.1%	\$253,805,846	-11.1%

