

SPONSORED ACTIVITIES

ANNUAL REPORT FISCAL YEAR 2010



VICE CHANCELLOR FOR RESEARCH AND ENGAGEMENT

**OFFICE OF GRANT AND
CONTRACT ADMINISTRATION**

OFFICE OF GRANT AND CONTRACT ADMINISTRATION

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TABLE OF CONTENTS

Proposals

Proposal Trends	4
Figure 1	New Proposal Dollars Three-Year Averages FY 2006 – 2010
Figure 2	New Proposal Dollars in Millions FY 2006 – 2010
Table 1	5 Year New Proposal Success Rate Trend FY 2005 - 2009
Proposals by Organizational Unit FY 2010	6
Table 2	5 Year New Proposal Trend by Major Budgetary Unit (MBU)
Table 3	New Proposals Submitted by Organizational Unit
Proposals by Sponsor FY 2010	12
Table 4	5 Year New Proposal Trend by Sponsor Category
Table 5	New Proposals Submitted to Sponsors
ARRA Proposal Activity FY 2010	17
Table 6	New ARRA Proposals Submitted by Organizational Unit
Table 7	New ARRA Proposals Submitted by Sponsor

Awards

Award Distribution Analysis	21
Figure 3	Distribution of Awards by Dollar Category
Figure 4	Distribution of Award Dollars to PIs
Figure 5	Award Dollars Three-Year Averages FY 2001 – 2010
Figure 6	Distribution of Award Numbers by Award Type
Figure 7	Distribution of Award Dollars by Award Type
Ten Year Summary	24
Figure 8	Direct, Indirect & Total Dollars Value of Awards FY 2001– 2010
Figure 9	Direct, Indirect & Total Dollars Expenditures FY 2001 – 2010
Awards by Organizational Unit FY 2010	25
Table 8	5 Year Awards Trend by Major Budgetary Unit (MBU)
Table 9	Awards Accepted by Organizational Unit
Table 10	Awarded Multidisciplinary Projects
Awards by Sponsor FY 2010	40
Table 11	5 year Award Trend by Sponsor Category
Table 12	Awards Accepted from Federal Agencies
Figure 10	Distribution of Award Dollars Accepted from Federal Agencies
Table 13	Awards Accepted from the Commonwealth of Massachusetts
Table 14	Awards Accepted from Other States and Local Governments
Table 15	Awards Accepted from the Private Sector
Figure 11	Distribution of Award Dollars Accepted from Private Sector Sponsors
Table 16	Summary of Awards Accepted by Sponsor Category
Figure 12	Distribution of Awarded Dollars by Sponsor Category
Table 17	Summary of Project Characteristic & Award Types by Sponsor Category
ARRA Award Activity FY 2010	52
Table 18	ARRA Awards Accepted by Organizational Unit.
Table 19	ARRA Awards Accepted by Sponsor

NOTES	56
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PROPOSALS

Proposal Trends

Figure 1: New Proposal Dollars FY 2006-2010

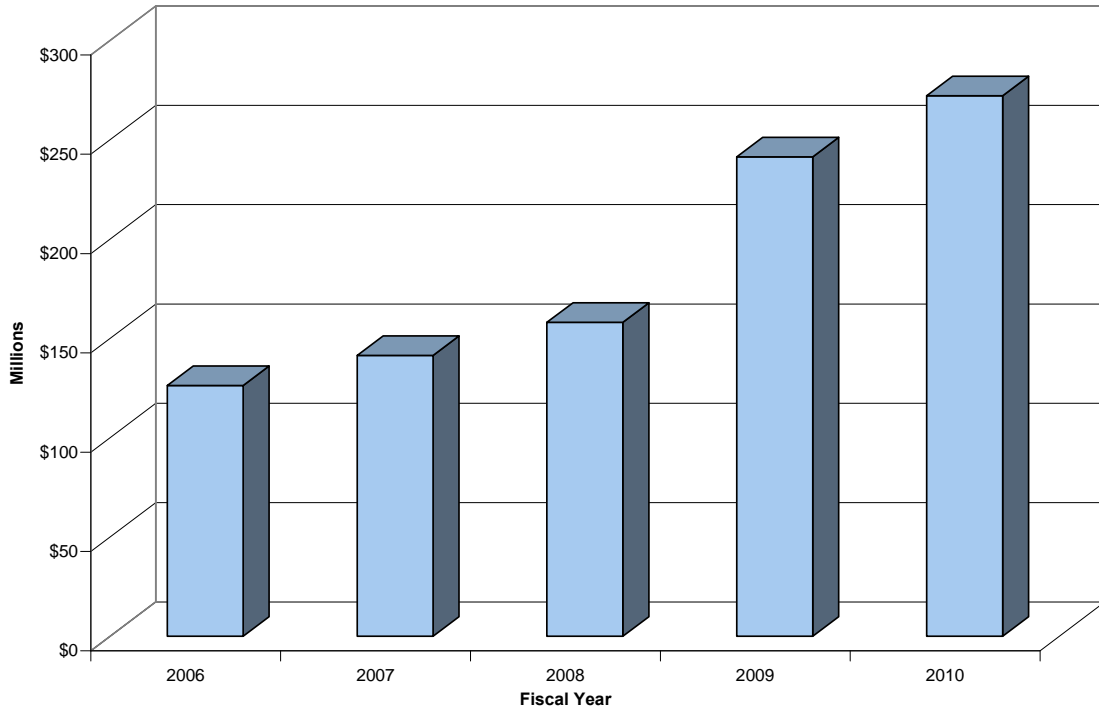
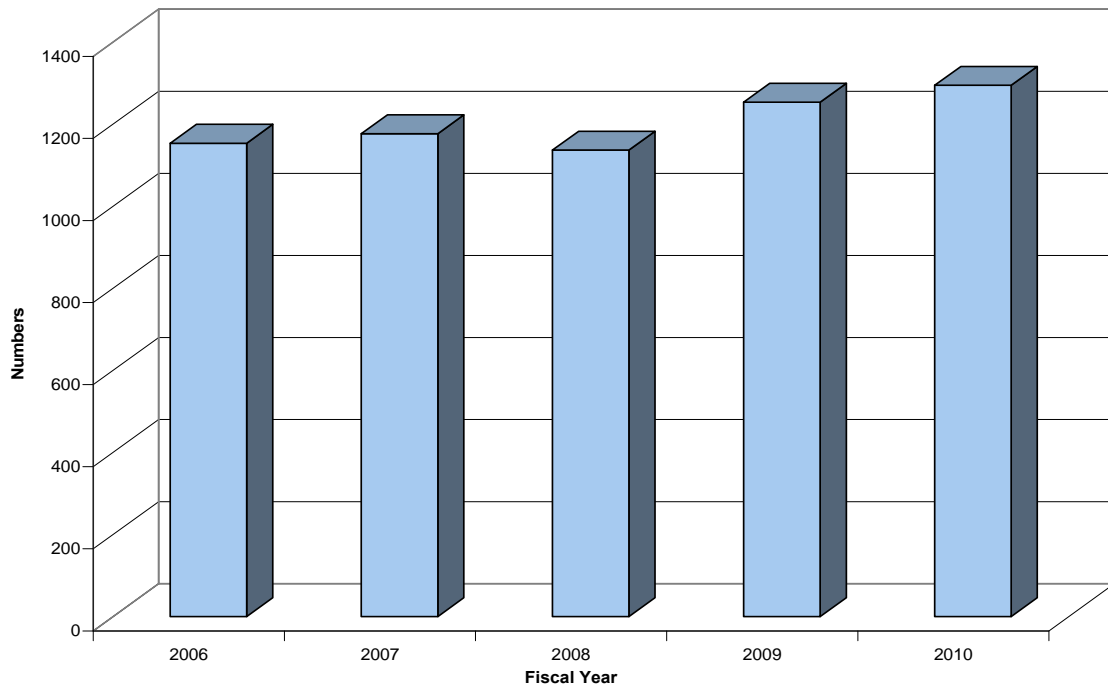


Figure 2: Number of New Proposals FY 2006-2010



PROPOSALS

Table 1
5 Year New Proposal Success Rate Trend FY 2005-2009

Fiscal Year	2005		2006		2007		2008		2009	
	#	Project Dollars	#	Project Dollars	#	Project Dollars	#	Project Dollars	#	Project Dollars
New Awarded	416	\$147,018,032	508	\$104,005,301	538	\$95,802,175	491	\$127,778,402	481	\$150,379,112
New Not Awarded	610	\$324,997,956	652	\$254,558,745	658	\$296,386,701	678	\$296,352,581	773	\$437,734,291
Total New	1026	\$472,015,988	1,160	\$358,564,046	1196	\$392,188,876	1169	\$424,130,983	1254	\$588,113,403
% of New Prop Awarded	41%		44%		45%		42%		38%	

See Notes for further explanation

PROPOSALS

Table 2

**5 Year New Proposal Trend by Major Budgetary Unit (MBU)
w/Full Project Dollars**

MBU	FY 2006		FY 2007		FY 2008		FY 2009		FY 2010	
	#	Dollars	#	Dollars	#	Dollars	#	Dollars	#	Dollars
Academic Administration	5	\$2,003,994	3	\$786,585	5	\$2,632,929	1	120,000	3	2,702,754
Academic Support	38	\$1,103,706	35	\$2,013,836	38	\$701,978	32	888,400	33	737,442
Academic Support Services	0	\$0	0	\$0	0	\$0	1	35,000	1	24,100
Center for Student Development	1	\$28,706	2	\$18,929	1	\$10,000	1	97,835	1	10,700
College of Engineering	227	\$75,706,919	224	\$71,418,840	182	\$64,153,089	211	139,929,634	231	131,111,201
College of Humanities & Fine Arts	11	\$1,639,598	22	\$4,314,759	19	\$2,802,027	25	448,509	34	6,705,464
College of Nat. Resources & The Envi.*	230	\$59,554,250	221	\$51,989,458	220	\$48,753,115	214	73,468,084	0	\$0*
College of Natural Sciences	0	\$0	0	\$0	0	\$0	0	0	669	442,414,093
College of Natural Sciences and Math*	321	\$131,125,773	368	\$169,709,947	363	\$204,696,490	411	249,378,713	0	\$0*
College of Social & Behavioral Sciences	106	\$20,800,554	85	\$19,626,012	107	\$28,418,934	109	23,793,029	72	11,859,512
Commonwealth College	0	\$0	2	\$14,000	0	\$0	2	596,880	2	654,687
Dean of Students	6	\$2,165,687	6	\$682,167	8	\$763,119	4	94,301	5	386,353
Economic Development	0	\$0	1	\$1,500	0	\$0	0	0	0	0
Environmental Health & Safety	0	\$0	0	\$0	0	\$0	2	38,000	2	87,601
Facilities Planning	0	\$0	0	\$0	0	\$0	0	0	1	1,849,715
Graduate School	0	\$0	0	\$0	5	\$3,524,855	3	5,710,746	8	9,535,051
Health Services	1	\$224,409	1	\$296,778	0	\$0	1	299,022	1	1,293,868
Housing Services	0	\$0	0	\$0	0	\$0	0	0	0	0
Human Resources	6	\$180,397	8	\$200,243	3	\$162,065	7	2,057,781	9	2,967,950
Office of Information Technologies	0	\$0	0	\$0	1	\$600,000	0	0	0	0
Physical Plant	1	\$64,899	1	\$5,850	0	\$0	0	0	0	0
Public Safety	0	\$0	1	\$118,665	0	\$0	0	0	0	0
Research Services	1	\$150,000	0	\$0	0	\$0	0	0	1	1,000
School of Education	32	\$8,097,986	30	\$14,175,124	33	\$11,496,350	31	12,574,952	32	18,138,522
School of Management	14	\$4,531,112	7	\$2,850,313	11	\$3,320,611	16	5,605,524	18	6,731,139
School of Nursing	21	\$3,654,219	17	\$3,248,737	15	\$4,328,978	11	1,747,502	4	1,518,759
Sch of Public Health & Health Sciences	66	\$29,829,460	78	\$25,177,136	78	\$27,357,767	96	44,057,985	85	45,408,516
University Library	1	\$244,415	5	\$325,000	1	\$499,455	1	3,000	2	352,637
University Outreach	12	\$2,677,478	18	\$4,981,299	11	\$726,337	29	7,392,164	25	9,200,963
VC Student Affairs	0	\$0	0	\$0	0	\$0	0	0	3	403,916
VCRE/Vice Chancellor for Research	54	\$11,563,561	42	\$14,808,634	36	\$12,580,480	46	19,776,342	53	19,391,952
Total	1,154	\$355,347,123	1,177	\$386,763,812	1,137	\$417,528,579	1,254	\$588,113,403	1,295	\$713,487,895

*Due to organizational changes in FY '10 the colleges of CFNR and CNSM 0 proposals in FY '10 and CNS has no proposals prior to FY '10

Proposals by Organizational Unit FY 2010

PROPOSALS

Table 3
New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Est</u>
Academic Administration					
Provost's Office	3	386,638	148,842	535,480	2,702,754
MBU Total FY 2010	3	\$386,638	\$148,842	\$535,480	\$2,702,754
MBU Total FY 2009	1	\$60,000	\$0	\$60,000	\$120,000
Academic Support					
Fine Arts Center	32	321,371	16,071	337,442	337,442
Office of Faculty Development	1	133,333	0	133,333	400,000
MBU Total FY 2010	33	\$454,704	\$16,071	\$470,775	\$737,442
MBU Total FY 2009	32	\$568,587	\$23,097	\$591,684	\$888,400
Academic Support Services					
New Students Orientation	1	24,100	0	24,100	24,100
MBU Total FY 2010	1	\$24,100	\$0	\$24,100	\$24,100
MBU Total FY 2009	1	\$35,000	\$0	\$35,000	\$35,000
Center for Student Development					
WMUA	1	10,700	0	10,700	10,700
MBU Total FY 2010	1	\$10,700	\$0	\$10,700	\$10,700
MBU Total FY 2009	1	\$30,311	\$3,031	\$33,342	\$97,835
College of Engineering					
Dean-School of Engineering	2	187,526	99,120	286,646	286,646
Chemical Engineering	47	27,310,971	2,231,006	29,541,977	48,492,983
Civil & Environmental Engineering	50	4,182,242	1,673,084	5,855,326	14,530,604
Electrical and Computer Engineering	64	6,674,364	3,079,136	9,753,500	30,787,737
Engineering Research Center	2	289,854	62,792	352,646	658,246
Mechanical and Industrial Engineering	59	13,042,012	2,515,864	15,557,876	35,493,584
UMASS Transportation Center	7	459,317	122,647	581,964	861,401
MBU Total FY 2010	231	\$52,146,286	\$9,783,649	\$61,929,935	\$131,111,201
MBU Total FY 2009	213	\$51,455,686	\$16,683,854	\$68,139,540	\$140,027,009
College of Humanities & Fine Arts					
Dean-College of Humanities and Fine Arts	1	10,000	0	10,000	10,000
Art	1	266,843	152,101	418,944	1,675,776
English	11	99,003	11,208	110,211	110,211
History	4	238,308	10,525	248,833	1,138,833
Language, Literature & Culture	9	441,588	49,788	491,376	500,952
Linguistics	6	743,048	273,632	1,016,680	3,245,692
Music & Dance	1	20,000	0	20,000	20,000
Theatre	1	4,000	0	4,000	4,000
MBU Total FY 2010	34	\$1,822,790	\$497,254	\$2,320,044	\$6,705,464
MBU Total FY 2009	25	\$357,376	\$56,716	\$414,092	\$448,509

PROPOSALS

Table 3 (cont'd)
New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Est</u>
College of Natural Sciences					
Dean - College of Natural Sciences	2	14,813,549	0	14,813,549	14,813,549
Agricultural Experiment Station	4	2,677,469	0	2,677,469	2,677,469
Astronomy	23	2,571,511	709,647	3,281,158	6,740,158
Biochemistry and Molecular Biology	20	3,280,809	1,222,370	4,503,179	20,019,978
Biology	45	10,647,614	1,942,622	12,590,236	32,407,821
Center for Agriculture	7	447,321	49,336	496,657	544,157
Chemistry	45	15,932,452	3,247,518	19,179,970	61,627,647
Computer Science	96	15,391,346	6,692,829	22,084,175	81,700,692
Cranberry Station - Extension	5	1,076,265	125,877	1,202,142	4,918,022
Food Science	28	3,515,825	1,413,148	4,928,973	19,580,549
Geosciences	44	3,152,614	940,618	4,093,232	8,621,083
Mathematics and Statistics	22	821,694	350,514	1,172,208	3,400,164
Microbiology	19	8,188,061	2,487,413	10,675,474	29,007,295
Natural Resources Conservation	60	4,777,350	1,448,165	6,225,515	15,616,990
Physics	27	3,714,305	760,822	4,475,127	15,998,739
Plant, Soil and Insect Sciences	65	3,811,131	1,053,334	4,864,465	14,921,660
Polymer Science and Engineering	73	9,329,912	4,196,909	13,526,821	55,933,980
Psychology	43	5,104,692	2,000,779	7,105,471	27,114,629
Scientific Reasoning Research Institute	2	112,632	54,440	167,072	274,959
Stockbridge	1	5,950	0	5,950	5,950
Veterinary and Animal Sciences	38	6,051,443	1,809,365	7,860,808	26,488,602
MBU Total FY 2010	669	\$115,423,945	\$30,505,706	\$145,929,651	\$442,414,093
MBU Total FY 2009	666	\$84,696,279	\$25,956,190	\$110,652,469	\$338,389,678
College of Social & Behavioral Sciences					
Anthropology	11	470,220	34,551	504,771	1,060,939
Anthropology - Archaeological Services	22	362,401	80,956	443,357	443,357
Communication	3	131,931	37,209	169,140	273,002
Economics	1	18,278	0	18,278	18,278
Landscape Arch & Regional Planning	9	412,733	32,804	445,537	445,537
Legal Studies	1	127,265	67,329	194,594	583,917
PERI	1	5,000	0	5,000	5,000
Political Science	7	624,019	246,495	870,514	1,768,399
Public Policy	4	1,045,476	135,389	1,180,865	5,128,723
Sociology	13	679,916	274,044	953,960	2,132,360
MBU Total FY 2010	72	\$3,877,239	\$908,777	\$4,786,016	\$11,859,512
MBU Total FY 2009	68	\$3,168,692	\$870,061	\$4,038,753	\$8,453,709
Commonwealth College					
Honors	2	210,932	14,918	225,850	654,687
MBU Total FY 2010	2	\$210,932	\$14,918	\$225,850	\$654,687
MBU Total FY 2009	2	\$190,155	\$9,329	\$199,484	\$596,880
Dean of Students					
Everywoman's Center	5	291,419	0	291,419	386,353
MBU Total FY 2010	5	\$291,419	\$0	\$291,419	\$386,353
MBU Total FY 2009	4	\$87,082	\$7,219	\$94,301	\$94,301

PROPOSALS

Table 3 (cont'd)
New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Est</u>
Environmental Health & Safety					
Environmental Health & Safety	2	87,601	0	87,601	87,601
MBU Total FY 2010	2	\$87,601	\$0	\$87,601	\$87,601
MBU Total FY 2009	2	\$38,000	\$0	\$38,000	\$38,000
Facilities Planning					
Facilities Planning	1	1,849,715	0	1,849,715	1,849,715
MBU Total	1	\$1,849,715	\$0	\$1,849,715	\$1,849,715
Graduate School					
Graduate Dean's Office	2	81,418	200	81,618	81,618
NEAGEP/STEM	6	3,886,155	1,405,227	5,291,382	9,453,433
MBU Total FY 2010	8	3,967,573	1,405,427	5,373,000	\$9,535,051
MBU Total FY 2009	3	\$3,249,867	\$465,464	\$3,715,331	\$5,710,746
Health Services					
Administration and General-UHS	1	247,301	81,548	328,849	1,293,868
MBU Total FY 2010	1	\$247,301	\$81,548	\$328,849	\$1,293,868
MBU Total FY 2009	1	\$135,760	\$13,576	\$149,336	\$299,022
Human Resources					
Human Resources	9	1,269,906	274,916	1,544,822	2,967,950
MBU Total FY 2010	9	\$1,269,906	\$274,916	\$1,544,822	\$2,967,950
MBU Total FY 2009	7	\$946,295	\$216,811	\$1,163,106	\$2,057,781
Rsrch Liaison & Tech Transfer					
Research Liaison & Development	1	1,000	0	1,000	1,000
MBU Total	1	\$1,000	\$0	\$1,000	\$1,000
School of Education					
Educational Policy Research & Administration	17	1,115,813	316,605	1,432,418	6,323,159
Student Development & Pupil Personnel Serv	7	743,696	267,012	1,010,708	1,905,932
Teacher Ed & Curriculum Studies	8	2,021,159	323,245	2,344,404	9,909,431
MBU Total FY 2010	32	\$3,880,668	\$906,862	\$4,787,530	\$18,138,522
MBU Total FY 2009	31	\$3,379,203	\$719,471	\$4,098,674	\$12,574,952
School of Management					
Finance & Operations Management	7	471,853	155,320	627,173	1,508,344
MA Small Business Dev Ctr	3	3,255,858	0	3,255,858	3,255,858
Marketing	1	20,390	0	20,390	43,370
Resource Economics	6	714,799	219,071	933,870	1,676,601
Sport Management	1	24,500	1,960	26,460	246,966
MBU Total FY 2010	18	\$4,487,400	\$376,351	\$4,863,751	\$6,731,139
MBU Total FY 2009	16	\$3,892,019	\$342,568	\$4,234,587	\$5,605,524
School of Nursing					
Nursing	4	439,894	185,872	625,766	1,518,759
MBU Total FY 2010	4	\$439,894	\$185,872	\$625,766	\$1,518,759
MBU Total FY 2009	11	\$757,384	\$179,275	\$936,659	\$1,747,502

PROPOSALS

Table 3 (cont'd)
New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Est</u>
Sch of Public Health & Health Sciences					
Dean Health Sciences	1	4,574,263	0	4,574,263	4,574,263
Communications Disorders	10	1,133,604	451,977	1,585,581	5,583,352
Kinesiology	23	2,694,875	944,460	3,639,335	11,627,777
Nutrition	11	3,445,012	452,926	3,897,938	5,475,981
Public Health	40	4,833,612	1,773,819	6,607,431	18,147,143
MBU Total FY 2010	85	\$16,681,366	\$3,623,182	\$20,304,548	\$45,408,516
MBU Total FY 2009	98	\$23,234,975	\$2,779,953	\$26,014,928	\$44,062,985
University Library					
Research & Instructional Serv.	1	91,250	31,025	122,275	349,787
University Library - Admin Services	1	2,850	0	2,850	2,850
MBU Total FY 2010	2	\$94,100	\$31,025	\$125,125	\$352,637
MBU Total FY 2009	1	\$3,000	\$0	\$3,000	\$3,000
University Outreach					
Outreach Administration	1	7,079	0	7,079	7,079
UMASS Extension	22	8,086,474	36,597	8,123,071	8,879,066
University Without Walls	1	15,000	0	15,000	15,000
WFCR	1	299,818	0	299,818	299,818
MBU Total FY 2010	25	\$8,408,371	\$36,597	\$8,444,968	\$9,200,963
MBU Total FY 2009	29	\$6,274,989	\$57,591	\$6,332,580	\$7,392,164
VC for Student Affairs					
Vice Chancellors Office-St Affairs	3	152,875	26,408	179,283	403,916
MBU Total	3	\$152,875	\$26,408	\$179,283	403,916
Vice Chancellor for Research & Engagement					
VCRE/VC for Research & Engagement					
VC for Research & Engagement	6	104,818	60,012	164,830	164,830
MBU Total FY 2010	6	\$104,818	\$60,012	\$164,830	\$164,830
MBU Total FY 2009	3	\$5,004,424	\$636	\$5,005,060	\$5,005,060
VCRE/The Environmental Institute					
The Environmental Institute	1	4,545	455	5,000	5,000
Water Res & Research Ctr	5	207,273	94,262	301,535	604,343
MBU Total FY 2010	6	\$211,818	\$94,717	\$306,535	\$609,343
MBU Total FY 2009	6	\$339,830	\$69,003	\$408,833	\$626,043
VCRE/Research Support					
Baystate/UM PVLSI	7	1,120,594	320,761	1,441,355	2,748,397
BS/UM PVLSI - Biochem & Molecular Bio	1	150,000	72,774	222,774	421,172
BS/UM PVLSI - Biology	10	1,093,316	230,539	1,323,855	2,848,358
BS/UM PVLSI - Nutrition	2	240,922	50,280	291,202	528,024
BS/UM PVLSI - Vet and Animal Sciences	11	2,063,086	675,718	2,738,804	11,387,106
Global Health Institute	2	168,361	56,035	224,396	425,230
Mass Nanotech	4	193,778	48,364	242,142	242,142
MBU Total FY 2010	37	\$5,030,057	\$1,454,471	\$6,484,528	\$18,600,429
MBU Total FY 2009	25	\$4,179,059	\$982,361	\$5,161,420	\$14,093,189

PROPOSALS

Table 3 (cont'd)
New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Est</u>
VCRE/University Press					
University Press	4	17,350	0	17,350	17,350
MBU Total FY 2010	4	\$17,350	\$0	\$17,350	\$17,350
MBU Total FY 2009	12	\$52,050	\$0	\$52,050	\$52,050
VC for Research & Engagement Total FY 2010	53	\$5,364,043	\$1,609,200	\$6,973,243	\$19,391,952
VC for Research & Engagement Total FY 2009	46	\$9,575,363	\$1,052,000	\$10,627,363	\$19,776,342
Fiscal Year 2010	1,295	\$221,580,566	\$50,432,605	\$272,013,171	\$713,487,895
Fiscal Year 2009	1,257	\$192,107,773	\$49,436,206	\$241,543,979	\$588,419,339
% Change FY 2009 to FY 2010	3%	15%	2%	13%	21%

PROPOSALS

Table 4
5 Year New Proposal Trend by Sponsor Category
W/Total Project Dollars

Sponsor Category	FY 2006		FY 2007		FY 2008		FY 2009		FY 2010	
	#	Dollars	#	Dollars	#	Dollars	#	Dollars	#	Dollars
Federal	548	\$278,173,252	508	\$266,269,381	515	\$332,078,520	625	\$477,302,028	704	\$584,818,477
Commonwealth of MA	84	\$8,182,030	87	\$15,535,461	77	\$11,126,722	73	\$15,187,166	71	\$10,936,615
Other States & Local Gov'ts	24	\$940,057	20	\$1,210,757	23	\$1,967,026	19	\$2,040,711	13	\$1,392,893
Non-Profit	358	\$52,882,768	409	\$87,352,018	376	\$52,602,021	434	\$79,106,164	384	\$99,347,082
Industry	140	\$15,169,016	153	\$16,396,195	146	\$19,754,290	103	\$14,477,334	123	\$16,992,828
Total	1,154	\$355,347,123	1,177	\$386,763,812	1,137	\$417,528,579	1,254	\$588,113,403	1,295	\$713,487,895

PROPOSALS BY SPONSOR FY 2010

PROPOSALS

Table 5
New Proposals Submitted by Sponsor FY 2010

<u>Sponsor</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Project Est</u>
US Dept of Agriculture					
Forest Service	8	905,407	108,643	1,014,050	2,105,812
Nat'l Institute of Food and Agriculture	37	14,953,759	959,691	15,913,450	31,246,527
Natural Resources Conserv Services(NRCS)	1	121,248	11,752	133,000	133,000
Northeast SARE	4	96,394	0	96,394	189,165
US Dept of Agriculture	5	519,210	91,727	610,937	844,403
Total	55	\$16,596,018	\$1,171,813	\$17,767,831	\$34,518,907
US Dept of Commerce					
National Institute of Standards and Tech	10	29,575,479	660,163	30,235,642	41,175,783
National Marine Fisheries Service	2	229,863	93,663	323,526	777,472
Nat'l Estuarine Research Reserve System	1	18,182	1,818	20,000	40,000
Nat'l Oceanic and Atmospheric Admin	3	529,480	149,294	678,774	1,282,389
Total	16	\$30,353,004	\$904,938	\$31,257,942	\$43,275,644
US Dept of Defense					
Air Force Office of Scientific Research	13	4,906,610	2,412,278	7,318,888	35,821,129
Army Medical Research	13	1,418,423	644,833	2,063,256	3,221,165
Army Natick Soldier R D and E Center	1	137,768	41,995	179,763	274,337
Army Research Institute	1	165,932	24,659	190,591	1,932,681
Army Research Office	2	150,119	78,970	229,089	717,151
Central Intelligence Agency	1	76,725	41,615	118,340	357,310
Defense Advanced Research Proj Agency	4	748,772	389,399	1,138,171	3,064,213
Defense Threat Reduction Agency	1	79,562	31,646	111,208	200,000
National Security Agency	3	60,174	35,201	95,375	185,636
Naval Research Laboratory	1	4,000	0	4,000	4,000
Office of Naval Research	3	549,561	300,231	849,792	2,673,999
US Dept of Defense	10	2,387,948	1,077,062	3,465,010	16,623,617
Walter Reed Army Institute of Research	1	83,664	44,202	127,866	379,683
Total	54	\$10,769,258	\$5,122,091	\$15,891,349	\$65,454,921
US Dept of Education					
Institute of Education Sciences	2	571,420	227,387	798,807	2,446,008
US Dept of Education	11	2,715,906	191,064	2,906,970	12,023,165
Total	13	\$3,287,326	\$418,451	\$3,705,777	\$14,469,173
US Dept of Energy					
National Energy Technology Laboratory	1	1,690,841	65,679	1,756,520	3,513,040
US Dept of Energy	26	16,026,913	2,932,464	18,959,377	43,429,112
Total	27	\$17,717,754	\$2,998,143	\$20,715,897	\$46,942,152
US Dept of Health and Human Services					
Health Resources and Services Admin	1	30,984	0	30,984	30,984
National Institutes of Health	137	43,578,424	10,073,330	53,651,754	142,302,795
Substance Abuse and Mental Health Serv	1	247,301	81,548	328,849	1,293,868
US Dept of Health and Human Services	1	2,973,741	1,021,340	3,995,081	15,829,856
Total	140	\$46,830,450	\$11,176,218	\$58,006,668	\$159,457,503

PROPOSALS

Table 5 (cont'd)
New Proposals Submitted by Sponsor FY 2010

<u>Sponsor</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Project Est</u>
US Dept of Interior					
Geological Survey	14	549,173	122,106	671,279	983,620
National Park Service	2	83,675	10,425	94,100	94,100
US Dept of Interior	1	131,951	68,049	200,000	400,001
US Fish and Wildlife Service	1	273,936	41,064	315,000	315,000
Total	18	\$1,038,735	\$241,644	\$1,280,379	\$1,792,721
US Dept of Justice					
US Dept of Justice	1	145,045	82,457	227,502	448,606
Total	1	\$145,045	\$82,457	\$227,502	\$448,606
US Dept of Labor					
US Dept of Labor	1	728,970	183,032	912,002	1,824,004
Total	1	\$728,970	\$183,032	\$912,002	\$1,824,004
US Dept of State					
Bureau of Educ and Cultural Affairs	1	90,485	9,049	99,534	275,739
US Dept of State	1	43,000	6,450	49,450	169,625
Total	2	\$133,485	\$15,499	\$148,984	445,364
Independent Establishments & Govt Corps					
Agency for International Development	1	145,134	49,345	194,479	395,313
Binational Agricultural Research Dev	2	81,200	14,800	96,000	280,000
Environmental Protection Agency	2	119,471	67,275	186,746	649,485
National Aero and Space Administration	23	2,959,492	858,890	3,818,382	10,234,939
National Endowment for the Arts	3	87,075	8,080	95,155	95,155
National Endowment for the Humanities	7	431,156	85,652	516,808	1,643,896
Small Business Administration	2	2,251,572	0	2,251,572	2,251,572
Total	40	\$6,075,100	\$1,084,042	\$7,159,142	15,550,360
National Science Foundation					
National Science Foundation	332	50,569,777	17,267,324	67,837,101	200,068,648
Total	332	\$50,569,777	\$17,267,324	\$67,837,101	\$200,068,648
Other/Quasi Government Agencies					
Open World Leadership Center	1	23,227	6,690	29,917	29,917
Smithsonian Astrophysical Observatory	2	52,459	28,124	80,583	80,583
UN Institute for Disarmament Research	1	8,000	2,000	10,000	10,000
Total	4	\$83,686	\$36,814	\$120,500	\$120,500
Total FY 2010 - Federal	703	\$184,328,608	\$40,702,466	\$225,031,074	\$584,368,503
Total FY 2009 - Federal	624	152,110,180	40,754,305	192,864,485	\$476,787,768
% Change FY 2009 to FY 2010	13%	21%	0%	17%	23%

PROPOSALS

Table 5 (cont'd)
New Proposals Submitted by Sponsor FY 2010

<u>Sponsor</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Project Est</u>
Commonwealth of Massachusetts					
MA Clean Energy Center	4	679,221	136,679	815,900	815,900
MA Cultural Council	8	31,100	2,000	33,100	33,100
MA Dept of Agricultural Resources	8	411,701	34,056	445,757	498,609
MA Dept of Conservation and Recreation	11	122,945	29,015	151,960	151,960
MA Dept of Education	1	150,111	40,244	190,355	504,248
MA Dept of Elementary & Secondary Ed	5	439,743	87,702	527,445	854,575
MA Dept of Environmental Protection	5	360,456	58,215	418,671	418,671
MA Dept of Higher Education	4	269,096	29,457	298,553	692,402
MA Dept of Public Health	4	505,029	66,387	571,416	1,412,939
MA Dept of Transitional Assistance	1	2,742,812	270,592	3,013,404	3,013,404
MA Division of Energy Resources	1	159,777	40,223	200,000	400,000
MA Division of Fisheries and Wildlife	7	141,310	0	141,310	219,500
MA Environmental Trust	1	35,142	9,137	44,279	44,279
MA Exec Off of Public Safety & Security	2	105,555	14,445	120,000	120,000
MA Exec Off of Trans & Public Works	2	147,412	31,010	178,422	220,292
MA Highway Department	3	59,524	15,476	75,000	250,000
MA Office for Victim Assistance	1	47,467	0	47,467	142,401
MA Office of Business Development	1	1,004,286	0	1,004,286	1,004,286
MA Registry of Motor Vehicles	1	111,882	28,167	140,049	140,049
MA Technology Collaborative	1	0	0	0	0
Total FY 2010 - Commonwealth of MA	71	\$7,524,569	\$892,805	\$8,417,374	10,936,615
Total FY 2009 - Commonwealth of MA	73	9,941,363	1,445,899	11,387,262	\$15,187,166
% Change FY 2009 to FY 2010	-3%	-24%	-38%	-26%	-28%
Other States and Local Governments					
Amherst Town of	1	4,846	0	4,846	4,846
Arizona Geological Survey	1	131,048	66,781	197,829	672,733
City of Newton	1	28,025	6,975	35,000	35,000
CT Agricultural Experiment Station	1	72,186	39,775	111,961	263,867
Harwood Union Middle/High School	1	7,001	0	7,001	7,001
Holyoke Cultural Council	1	952	48	1,000	1,000
PA Commission on Crime and Delinquency	1	97,834	56,744	154,578	244,578
Pioneer Valley Planning Commission	2	79,784	10,341	90,125	90,125
Springfield Cultural Council	1	2,857	143	3,000	3,000
Springfield Water and Sewer Commission	1	22,706	5,709	28,415	28,415
The Hampshire Public Health Coalition	1	37,601	0	37,601	37,601
Winchendon Town of	1	3,752	975	4,727	4,727
Total FY 2010 - Other States & Local Gov't	13	\$488,592	\$187,491	\$676,083	\$1,392,893
Total FY 2009 - Other States & Local Gov't	19	834,262	207,911	1,042,173	\$2,040,711
% Change FY 2009 to FY 2010	-32%	-41%	-10%	-35%	-32%

PROPOSALS

Table 5 (cont'd)
New Proposals Submitted by Sponsor FY 2010

<u>Sponsor</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Project Est</u>
Private Sector					
Non - Profit					
Foundations	143	7,416,519	696,654	8,113,173	17,309,090
Health Agencies	7	357,203	176,749	533,952	1,937,497
Institutes and Associations	87	4,602,742	677,036	5,279,778	10,202,827
Other Colleges and Universities	127	10,139,039	4,509,554	14,648,593	67,581,321
Other Sponsors	20	1,028,287	103,828	1,132,115	2,316,347
Total FY 2010 -- Non-Profit	384	23,543,790	6,163,821	29,707,611	99,347,082
Total FY 2009 -- Non-Profit	434	23,620,091	5,266,867	28,886,958	78,656,162
% Change FY 2009 to FY 2010	-12%	0%	17%	3%	26%
Total FY 2010 -- Industry	123	5,599,969	2,434,308	8,034,277	16,992,828
Total FY 2009 -- Industry	103	5,278,720	1,621,862	6,900,582	14,477,334
% Change FY 2009 to FY 2010	19%	6%	50%	16%	17%
Total FY 2010 -- Private Sector	507	\$29,143,759	\$8,598,129	\$37,741,888	116,339,910
Total FY 2009 -- Private Sector	537	28,898,811	6,888,729	35,787,540	93,133,496
% Change FY 2009 to FY 2010	-6%	1%	25%	5%	25%
Fiscal Year 2010	1,294	\$221,485,528	\$50,380,891	\$271,866,419	\$713,037,921
Fiscal Year 2009	1,253	191,784,616	49,296,844	241,081,460	\$587,149,141
% Change FY 2009 to FY 2010	3%	15%	2%	13%	21%

PROPOSALS

Table 6
ARRA New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Total</u>
College of Engineering					
Chemical Engineering	5	12,638,131	386,661	13,024,792	16,315,638
Civil & Environmental Engineering	2	161,205	72,684	233,889	903,452
Electrical and Computer Engineering	1	53,489	28,876	82,365	82,365
Mechanical and Industrial Engineering	2	6,791,781	591,861	7,383,642	12,282,216
MBU Total	10	\$19,644,606	\$1,080,082	\$20,724,688	\$29,583,671
College of Natural Sciences					
Dean - College of Natural Sciences	2	14,813,549	0	14,813,549	14,813,549
Biology	1	100,409	49,592	150,001	750,003
Chemistry	2	709,254	4,076	713,330	713,330
Computer Science	6	3,846,299	1,500,468	5,346,767	20,856,159
Mathematics and Statistics	1	24,400	14,094	38,494	120,000
Microbiology	3	5,344,127	1,330,283	6,674,410	14,989,793
Physics	4	437,494	38,613	476,107	2,651,742
Polymer Science and Engineering	2	196,875	106,415	303,290	1,065,935
MBU Total	21	\$25,472,407	\$3,043,541	\$28,515,948	\$55,960,511
Dean of Students					
Everywoman's Center	1	32,858	0	32,858	32,858
MBU Total	1	\$32,858	\$0	\$32,858	\$32,858
Human Resources					
Human Resources	3	930,642	203,199	1,133,841	2,229,004
MBU Total	3	\$930,642	\$203,199	\$1,133,841	\$2,229,004
School of Nursing					
Nursing	1	30,984	0	30,984	30,984
MBU Total	1	\$30,984	\$0	\$30,984	\$30,984
Sch of Public Health & Health Sciences					
Dean Health Sciences	1	4,574,263	0	4,574,263	4,574,263
Public Health	2	318,801	115,633	434,434	1,086,422
MBU Total	3	\$4,893,064	\$115,633	\$5,008,697	\$5,660,685

PROPOSALS

Table 6 (cont'd)
ARRA New Proposals Submitted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Total</u>
VCRE/VC for Research & Engagement					
VC for Research & Engagement	2	37,241	21,228	58,469	58,469
MBU Total	2	\$37,241	\$21,228	\$58,469	\$58,469
VCRE/Research Support					
Mass Nanotech	2	112,960	36,884	149,844	149,844
MBU Total	2	\$112,960	\$36,884	\$149,844	\$149,844
FY 2010 Total	43	\$51,154,762	\$4,500,567	\$55,655,329	\$93,706,026

PROPOSALS

Table 7
ARRA New Proposals Submitted by Sponsor FY 2010

<u>Sponsor</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Total</u>
US Dept of Commerce					
National Institute of Standards and Tech	1	11,821,974	0	11,821,974	11,821,974
Total	1	\$11,821,974	\$0	\$11,821,974	\$11,821,974
US Dept of Energy					
US Dept of Energy	13	11,969,922	2,149,263	14,119,185	33,102,966
Total	13	\$11,969,922	\$2,149,263	\$14,119,185	\$33,102,966
US Dept of Health and Human Services					
Health Resources and Services Admin	1	30,984	0	30,984	30,984
National Institutes of Health	8	20,237,292	383,207	20,620,499	22,614,019
US Dept of Health and Human Services	1	2,973,741	1,021,340	3,995,081	15,829,856
Total	10	\$23,242,017	\$1,404,547	\$24,646,564	\$38,474,859
US Dept of Labor					
US Dept of Labor	1	728,970	183,032	912,002	1,824,004
Total	1	\$728,970	\$183,032	\$912,002	\$1,824,004
National Science Foundation					
National Science Foundation	4	1,877,042	114,031	1,991,073	2,106,668
Total	4	\$1,877,042	\$114,031	\$1,991,073	\$2,106,668
Commonwealth of Massachusetts					
MA Dept of Public Health	1	32,858	0	32,858	32,858
MA Division of Energy Resources	1	159,777	40,223	200,000	400,000
Total	2	\$192,635	\$40,223	\$232,858	\$432,858
Other States and Local Governments					
PA Commission on Crime & Delinquency	1	97,834	56,744	154,578	244,578
Total	1	\$97,834	\$56,744	\$154,578	\$244,578

PROPOSALS

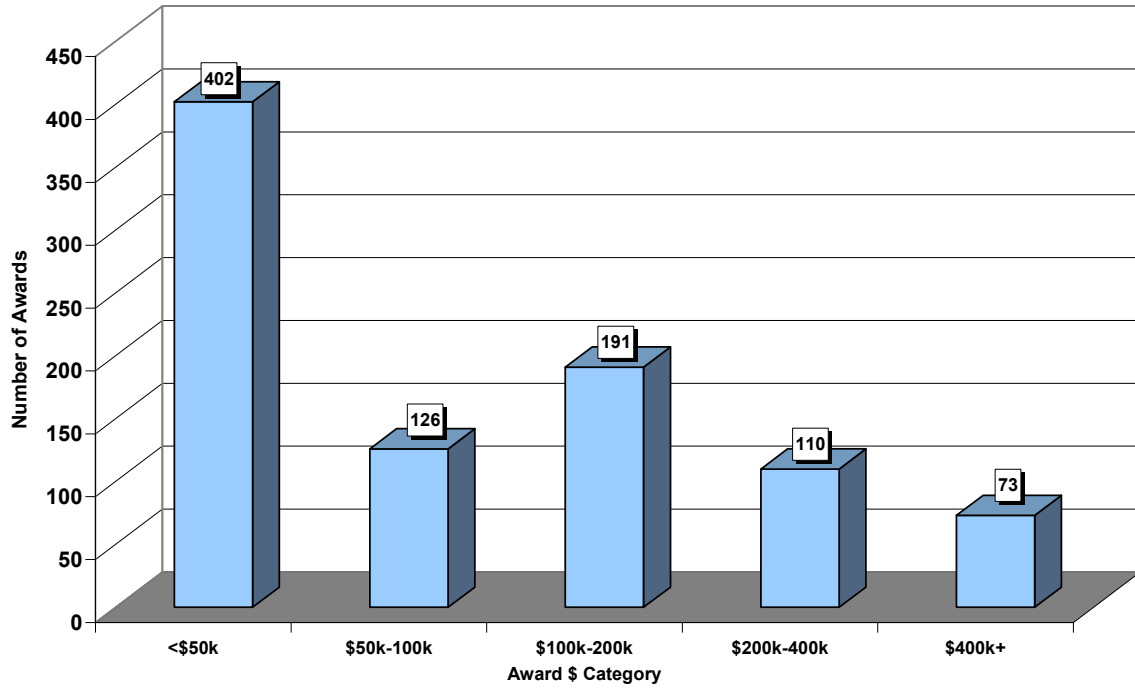
Table 7 (cont'd)
ARRA New Proposals Submitted by Sponsor FY 2010

<u>Sponsor</u>	<u>Props</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>	<u>Proj Total</u>
Industry					
KSE Inc	2	37,241	21,228	58,469	58,469
Porifera Inc	2	154,251	70,506	224,757	378,003
The Nano Group Inc	1	56,480	18,442	74,922	74,922
Total	5	\$247,972	\$110,176	\$358,148	\$511,394
Institutes and Associations					
Commonwealth Corporation	2	201,672	20,167	221,839	405,000
Total	2	\$201,672	\$20,167	\$221,839	\$405,000
Other Colleges and Universities					
Columbia University	1	26,763	15,300	42,063	85,426
University of Illinois Urbana-Champaign	1	129,516	70,484	200,000	836,725
University of Maryland	1	373,224	206,821	580,045	2,359,574
University of Virginia	1	245,221	129,779	375,000	1,500,000
Total	4	774,724	422,384	1,197,108	4,781,725
FY 2010 Total	43	\$51,154,762	\$4,500,567	\$55,655,329	\$93,706,026

AWARDS

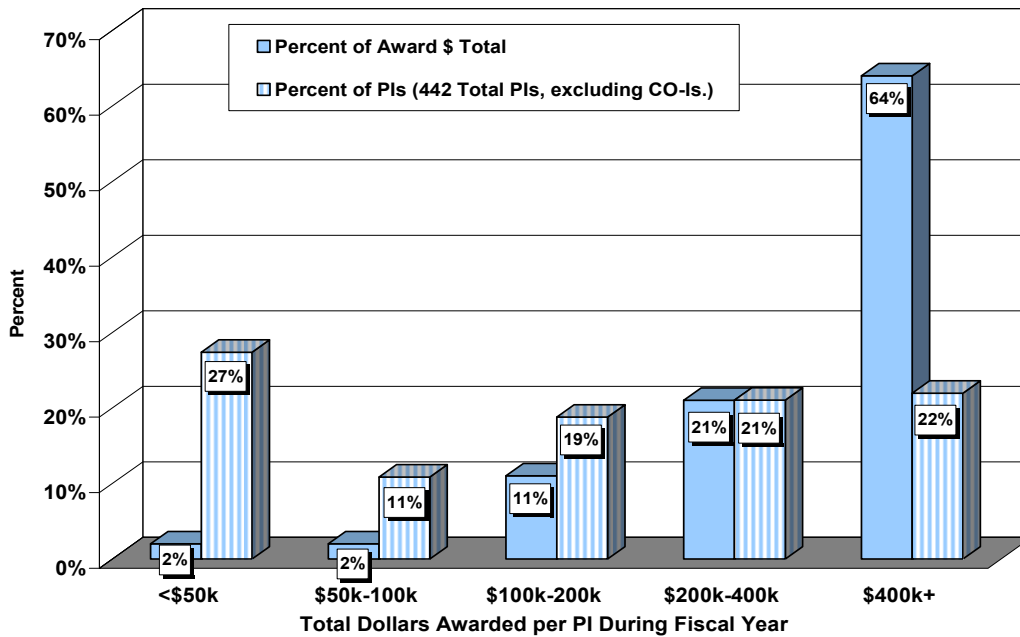
AWARD DISTRIBUTION ANALYSIS

Figure 3: Distribution of Awards by Dollar Category FY 2010*



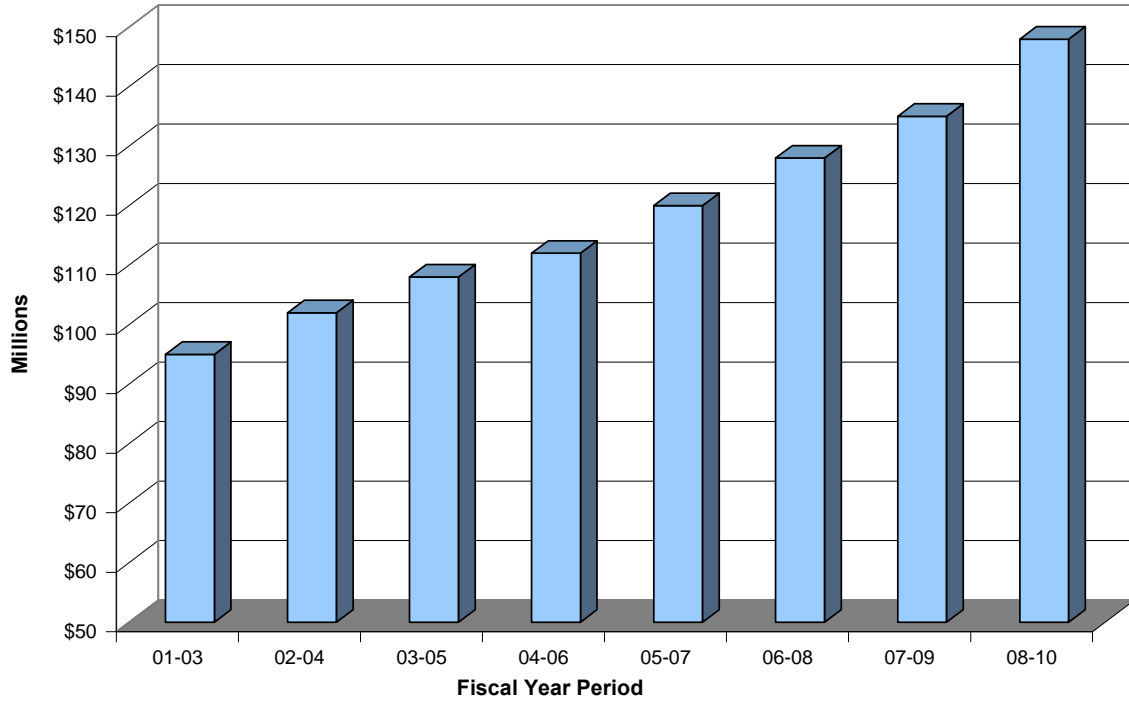
* 2 or more FY 2010 awards in the same project were grouped together, therefore the total number shown here is less than the total number of awards received in FY '10

Figure 4: Distribution of Award Dollars to PIs FY 2010



AWARDS

Figure 5: Award Dollars - Three-Year Rolling Averages FY 2001-2010



AWARDS

Figure 6: Distribution of Award Numbers by Award Type FY 2010
Total Awards - 1134

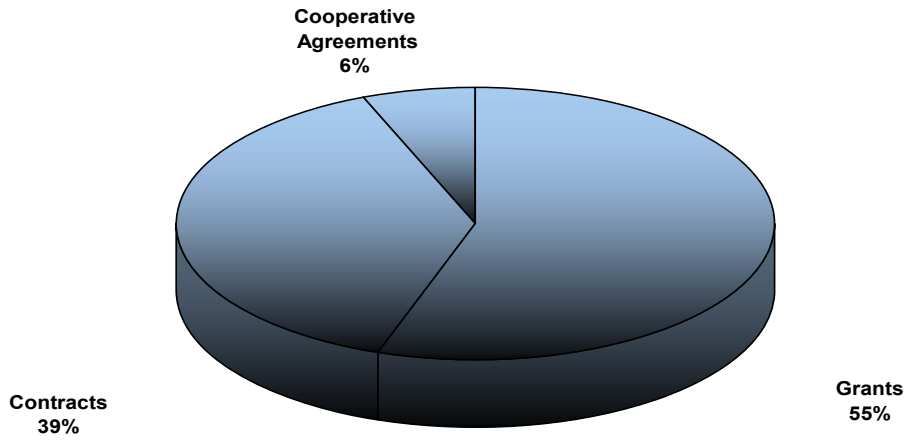
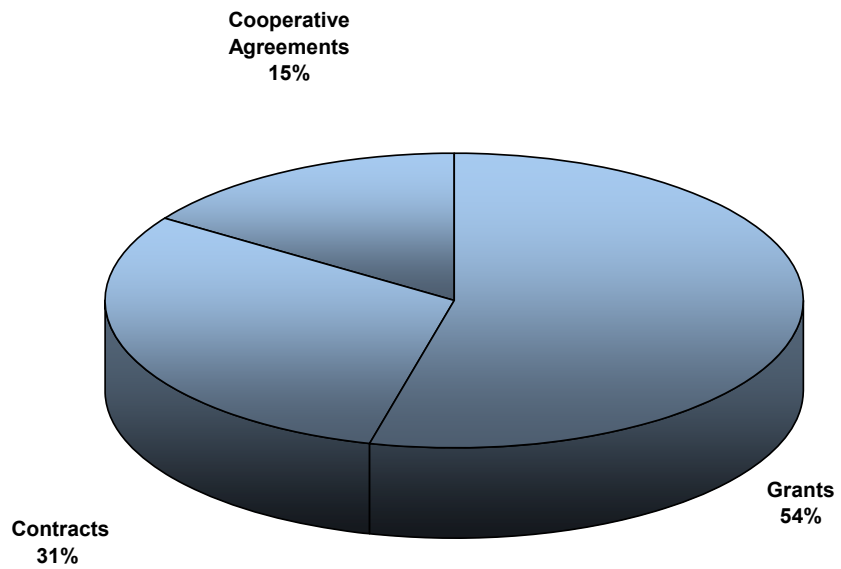


Figure 7: Distribution of Award Dollars by Award Type Total Costs, FY 2010
\$169,993,508



AWARDS

TEN YEAR SUMMARY

Figure 8: Indirect, Direct & Total Dollar Value of Awards FY 2001 - 2010

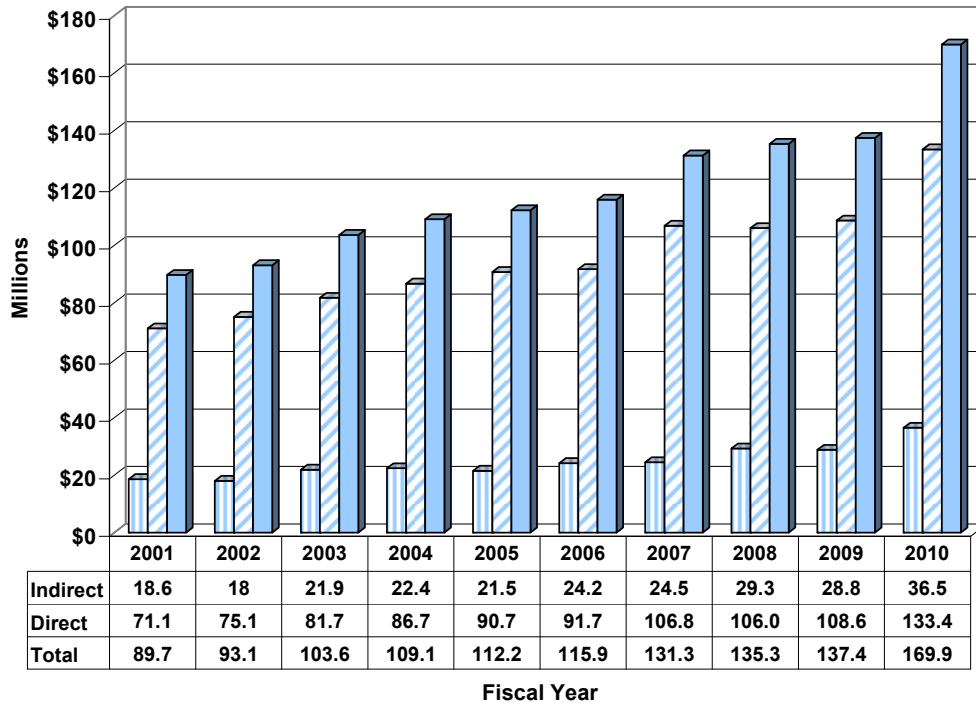
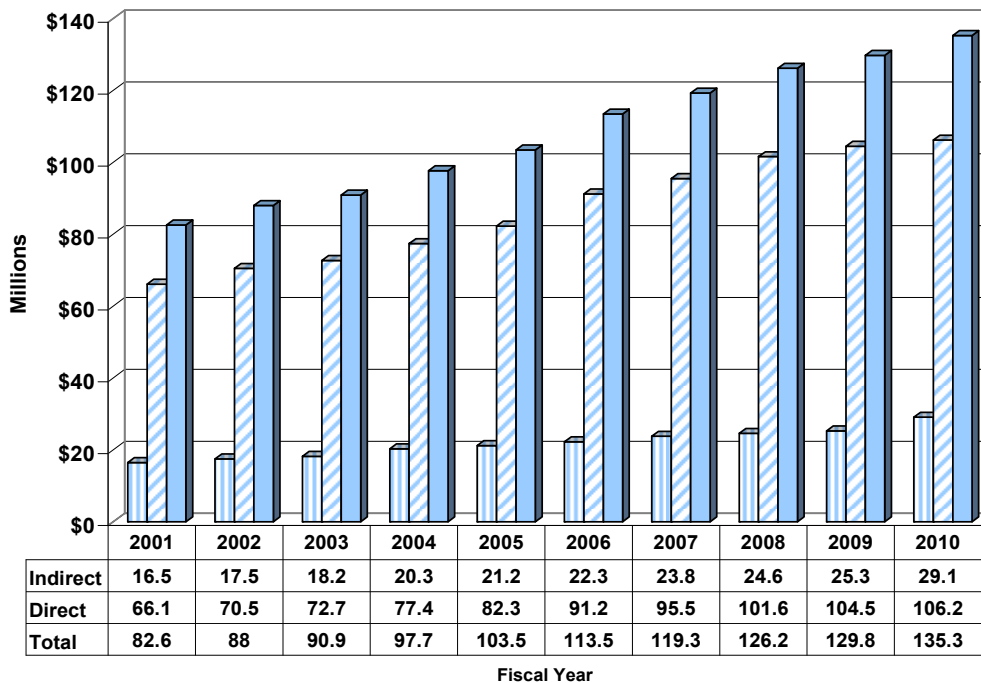


Figure 9: Indirect, Direct & Total \$ Expenditures FY 2001 - 2010

Data obtained from the Budget Office



AWARDS

Table 8
5 Year Award Trend by Major Budgetary Unit (MBU)

MBU	FY 2006		FY 2007		FY 2008		FY 2009		FY 2010	
	#	Dollars	#	Dollars	#	Dollars	#	Dollars	#	Dollars
Academic Administration	12	\$1,492,451	7	\$2,370,732	7	\$2,034,027	2	\$1,554,935	4	\$2,075,583
Academic Support	25	\$641,145	19	\$690,528	32	\$495,461	22	\$394,450	18	\$162,170
Academic Support Services	0	\$0	0	\$0	0	\$0	1	\$35,000	1	\$24,100
Center for Student Development	0	\$0	0	\$0	0	\$0	3	\$26,485	1	\$12,500
College of Engineering	180	\$21,117,579	202	\$22,960,918	198	\$23,313,291	185	\$30,547,906	191	\$29,333,046
College of Humanities & Fine Arts	10	\$1,322,180	19	\$657,552	14	\$491,066	22	\$627,887	20	\$555,773
College Nat. Resources & The Environment*	231	\$22,113,539	235	\$17,994,373	246	\$22,263,808	247	\$21,336,203	0	\$0
College of Natural Sciences	0	\$0	0	\$0	0	\$0	0	\$0	668	\$103,313,726
College of Natural Sciences and Math*	353	\$44,218,040	384	\$47,291,082	429	\$53,583,230	353	\$54,513,667	0	\$0
College of Social & Behavioral Sciences	92	\$6,632,525	82	\$7,888,993	84	\$4,015,284	86	\$6,837,637	45	\$1,993,401
Commonwealth College	0	\$0	0	\$0	0	\$0	0	\$0	1	\$89,393
Dean of Students	7	\$553,896	6	\$306,158	9	\$638,244	5	\$80,708	9	\$294,775
Environmental Health & safety	0	\$0	1	\$1,500	0	\$0	4	\$40,350	2	\$87,601
Facilities Planning	0	\$0	0	\$0	0	\$0	0	\$0	1	\$1,849,715
Graduate School	0	\$0	0	\$0	3	\$716,701	6	\$1,044,898	4	\$537,159
Health Services	1	\$473,789	4	\$976,251	2	\$79,972	2	\$273,588	1	\$100,000
Human Resources	7	\$117,483	6	\$178,966	3	\$403,604	6	\$195,052	6	\$381,961
Office of Information Technologies	0	\$0	2	\$25,260	4	\$645,217	1	\$32,607	1	\$31,466
Physical Plant	0	\$0	1	\$5,850	0	\$0	0	\$0	0	\$0
Public Safety	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Rsrch Liason & Tech Transfer	0	\$0	0	\$0	0	\$0	0	\$0	1	\$1,000
School of Education	35	\$3,953,071	34	\$4,839,223	20	\$3,205,930	31	\$3,153,953	35	\$7,964,580
School of Management	9	\$3,246,604	15	\$3,620,217	18	\$4,621,142	10	\$3,695,479	12	\$4,358,935
School of Nursing	15	\$1,328,747	10	\$1,284,807	10	\$849,660	8	\$716,379	1	\$25,000
School of Public Health & Health Sciences	54	\$6,382,217	66	\$7,419,530	66	\$8,237,866	72	\$8,147,307	55	\$9,260,552
Student Affairs	2	\$44,254	2	\$20,292	1	\$704	0	\$0	0	\$0
University Library	0	\$0	0	\$0	0	\$0	2	\$203,000	1	\$314,787
University Outreach	13	\$1,602,486	13	\$2,134,857	18	\$744,071	29	\$1,058,716	23	\$850,710
VCRE/VC for Research & Engagement	34	\$621,022	29	\$10,684,098	30	\$8,979,054	43	\$2,887,938	33	\$6,375,575
Total	1,080	\$115,861,028	1,137	\$131,351,187	1,194	\$135,318,332	1,140	\$137,404,145	1,134	\$169,993,508

*Due to organizational changes in FY '10 the colleges of CFNR and CNSM 0 awards in FY '10 and CNS has no awards prior to FY '10

AWARDS BY ORGANIZATIONAL UNIT FY 2010

AWARDS

Table 9

Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
Academic Administration				
Provost's Office	4	2,028,629	46,954	2,075,583
MBU Total FY 2010	4	\$2,028,629	\$46,954	\$2,075,583
MBU Total FY 2009	2	\$1,500,556	\$54,379	\$1,554,935
Academic Support				
Fine Arts Center	18	154,670	7,500	162,170
MBU Total FY 2010	18	\$154,670	\$7,500	\$162,170
MBU Total FY 2009	22	\$394,450	\$0	\$394,450
Academic Support Services				
New Students Orientation	1	24,100	0	24,100
MBU Total FY 2010	1	\$24,100	\$0	\$24,100
MBU Total FY 2009	1	\$35,000	\$0	\$35,000
Center for Student Development				
Family Resources	1	12,500	0	12,500
MBU Total FY 2010	1	\$12,500	\$0	\$12,500
MBU Total FY 2009	3	\$26,485	\$0	\$26,485
College of Engineering				
Dean-School of Engineering	2	481,214	271,917	753,131
Chemical Engineering	39	7,768,163	2,263,463	10,031,626
Civil & Environmental Engineering	28	2,218,762	710,875	2,929,637
Electrical and Computer Engineering	59	3,892,021	1,515,598	5,407,619
Engineering Research Center	4	3,195,870	623,109	3,818,979
Mechanical and Industrial Engineering	46	3,234,334	964,085	4,198,419
UMASS Transportation Center	13	1,740,191	453,444	2,193,635
MBU Total FY 2010	191	\$22,530,555	\$6,802,491	\$29,333,046
MBU Total FY 2009	185	\$24,530,868	\$6,017,038	\$30,547,906
College of Humanities & Fine Arts				
Dean-College of Humanities and Fine Arts	1	5,000	0	5,000
Art	2	11,686	2,064	13,750
English	5	52,698	9,414	62,112
History	2	65,475	10,425	75,900
Judaic and Near Eastern Studies	1	35,000	0	35,000
Language, Literature & Culture	6	154,186	0	154,186
Linguistics	3	146,967	62,858	209,825
MBU Total FY 2010	20	\$471,012	\$84,761	\$555,773
MBU Total FY 2009	22	\$514,028	\$113,859	\$627,887

AWARDS

Table 9 (cont'd)

Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
College of Natural Sciences				
Dean - College of Natural Sciences	3	1,721,817	566,056	2,287,873
Astronomy	26	2,861,460	946,829	3,808,289
Biochemistry and Molecular Biology	14	2,140,772	759,683	2,900,455
Biology	32	4,079,026	1,350,807	5,429,833
Center for Agriculture	1	22,650	0	22,650
Chemistry	41	5,999,885	2,007,879	8,007,764
Computer Science	134	18,587,102	4,793,666	23,380,768
Cranberry Station - Extension	9	132,176	2,515	134,691
Food Science	12	778,504	189,908	968,412
Geosciences	31	2,303,741	652,033	2,955,774
Mathematics and Statistics	15	793,962	384,225	1,178,187
Microbiology	8	1,334,072	572,216	1,906,288
Natural Resources Conservation	59	2,314,433	291,549	2,605,982
Physics	27	3,488,491	1,146,977	4,635,468
Plant, Soil and Insect Sciences	112	2,579,122	302,720	2,881,842
Polymer Science and Engineering	93	21,817,548	7,366,160	29,183,708
Psychology	26	3,055,284	1,239,488	4,294,772
Scientific Reasoning Research Institute	2	1,237,979	674,058	1,912,037
Veterinary and Animal Sciences	23	3,819,781	999,152	4,818,933
MBU Total FY 2010	668	\$79,067,805	\$24,245,921	\$103,313,726
MBU Total FY 2009	623	59,805,710	19,067,082	78,872,792
College of Social & Behavioral Sciences				
Anthropology	2	161,726	2,824	164,550
Anthropology - Archaeological Services	23	647,674	135,455	783,129
Communication	2	19,880	8,772	28,652
Economics	2	75,072	28,381	103,453
Landscape Arch & Regional Planning	2	173,757	9,793	183,550
Legal Studies	1	13,636	1,364	15,000
Political Science	2	13,666	2,000	15,666
Public Policy	2	128,723	0	128,723
Sociology	9	414,176	156,502	570,678
MBU Total FY 2010	45	\$1,648,310	\$345,091	\$1,993,401
MBU Total FY 2009	91	\$5,639,258	\$1,528,702	\$7,167,960
Commonwealth College				
Honors	1	85,136	4,257	89,393
MBU Total	1	\$85,136	\$4,257	\$89,393
Dean of Students				
Everywoman's Center	9	294,775	0	294,775
MBU Total FY 2010	9	\$294,775	\$0	\$294,775
MBU Total FY 2009	5	\$80,708	\$0	\$80,708

AWARDS

Table 9 (cont'd)

Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
Environmental Health & Safety				
Environmental Health & Safety	2	87,601	0	87,601
MBU Total FY 2010	2	\$87,601	\$0	\$87,601
MBU Total FY 2009	4	\$40,350	\$0	\$40,350
Facilities Planning				
Facilities Planning	1	1,849,715	0	1,849,715
MBU Total FY 2010	1	\$1,849,715	\$0	\$1,849,715
Graduate School				
Graduate Dean's Office	3	618,818	0	618,818
NEAGEP/STEM	1	-68,853	-12,806	-81,659
MBU Total FY 2010	4	\$549,965	-\$12,806	\$537,159
MBU Total FY 2009	6	\$950,274	\$94,624	\$1,044,898
Health Services				
Administration and General-UHS	1	91,909	8,091	100,000
MBU Total FY 2010	1	\$91,909	\$8,091	\$100,000
MBU Total FY 2009	2	\$217,679	\$55,909	\$273,588
Human Resources				
Human Resources	6	332,514	49,447	381,961
MBU Total FY 2010	6	\$332,514	\$49,447	\$381,961
MBU Total FY 2009	6	\$167,094	\$27,958	\$195,052
Office of Information Technologies				
CIO	1	28,606	2,860	31,466
MBU Total FY 2010	1	\$28,606	\$2,860	\$31,466
MBU Total FY 2009	1	\$29,643	\$2,964	\$32,607
Rsrch Liaison & Tech Transfer				
Research Liaison & Development	1	1,000	0	1,000
MBU Total	1	\$1,000	\$0	\$1,000
School of Education				
Educational Policy Research & Administration	26	6,593,295	1,002,760	7,596,055
Student Development & Pupil Personnel Services	6	284,504	19,197	303,701
Teacher Ed & Curriculum Studies	3	59,862	4,962	64,824
MBU Total FY 2010	35	\$6,937,661	\$1,026,919	\$7,964,580
MBU Total FY 2009	31	\$2,707,421	\$446,532	\$3,153,953
School of Management				
Finance & Operations Management	1	33,336	6,664	40,000
MA Small Business Dev Ctr	6	3,463,259	47,558	3,510,817
Marketing	1	58,505	2,308	60,813
Resource Economics	4	574,967	172,338	747,305
MBU Total FY 2010	12	\$4,130,067	\$228,868	\$4,358,935
MBU Total FY 2009	10	\$3,622,601	\$72,878	\$3,695,479

AWARDS

Table 9 (cont'd)
Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
School of Nursing				
Nursing	1	20,833	4,167	25,000
MBU Total FY 2010	1	\$20,833	\$4,167	\$25,000
MBU Total FY 2009	8	\$691,846	\$24,533	\$716,379
Sch of Public Health & Health Sciences				
Dean Health Sciences	1	72,930	41,570	114,500
Communications Disorders	3	340,411	83,556	423,967
Kinesiology	20	2,260,912	895,009	3,155,921
Nutrition	5	2,523,025	247,702	2,770,727
Public Health	26	2,055,683	739,754	2,795,437
MBU Total FY 2010	55	\$7,252,961	\$2,007,591	\$9,260,552
MBU Total FY 2009	72	\$6,492,459	\$1,654,848	\$8,147,307
University Library				
Research & Instructional Serv.	1	234,814	79,973	314,787
MBU Total FY 2010	1	\$234,814	\$79,973	\$314,787
MBU Total FY 2009	2	\$203,000	\$0	\$203,000
University Outreach				
UMASS Extension	21	532,827	13,065	545,892
University Without Walls	1	5,000	0	5,000
WFCR	1	299,818	0	299,818
MBU Total FY 2010	23	\$837,645	\$13,065	\$850,710
MBU Total FY 2009	29	\$1,019,089	\$39,627	\$1,058,716
Vice Chancellor for Research & Engagement				
VCRE/VC for Research & Engagement				
VC for Research & Engagement	5	111,388	47,841	159,229
MBU Total FY 2010	5	\$111,388	\$47,841	\$159,229
MBU Total FY 2009	6	\$258,397	\$57,603	\$316,000
VCRE/The Environmental Institute				
The Environmental Institute	2	102,292	32,712	135,004
Water Res & Research Ctr	5	210,836	31,121	241,957
MBU Total FY 2010	7	\$313,128	\$63,833	\$376,961
MBU Total FY 2009	5	\$313,264	\$66,378	\$379,642
VCRE/Research Support				
Baystate/UM PVLSI	2	306,863	37,645	344,508
BS/UM PVLSI - Management	1	107,418	61,229	168,647
BS/UM PVLSI - Vet and Animal Sciences	3	480,617	112,368	592,985
Global Health Institute	1	14,036	3,565	17,601
Mass Nanotech	9	3,442,066	1,255,228	4,697,294
MBU Total FY 2010	16	\$4,351,000	\$1,470,035	\$5,821,035
MBU Total FY 2009	18	\$1,774,536	\$360,210	\$2,134,746

AWARDS

Table 9 (cont'd)
Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
VCRE/University Press				
University Press	5	18,350	0	18,350
MBU Total FY 2010	5	\$18,350	\$0	\$18,350
MBU Total FY 2009	14	\$57,550	\$0	\$57,550
VC for Research & Engagement Total FY 2010	33	\$4,793,866	\$1,581,709	\$6,375,575
VC for Research & Engagement Total FY 2009	43	\$2,403,747	\$484,191	\$2,887,938
Cumulative Total FY 10	1,134	\$133,466,649	\$36,526,859	\$169,993,508
Cumulative Total FY 09	1,139	\$108,534,986	\$28,820,069	\$137,355,055
% Change FY 2009 to FY 2010	<1%	23%	27%	24%

AWARDS

Table 10

Awarded Multidisciplinary Projects FY 2010

In which at least one CoPI's Dept is Different from the Lead Dept

***Number of PI/CoPI's from
a listed department**

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Provosts Area			
Provost's Office	Biology	National Science Foundation	\$471,476
Provost's Office	Chemistry Mechanical and Industrial Engineering Veterinary and Animal Sciences	National Science Foundation	\$1,746,285
Provost's Office	Academic Planning & Assessment	Davis Educational Foundation	\$73,039
College of Engineering			
Dean-School of Engineering	Electrical & Computer Engineering	National Science Foundation	\$748,965
Chemical Engineering(2)*	Chemistry(2)	Logos Technologies Inc	\$917,979
Chemical Engineering	Chemistry	University of Delaware	\$226,281
Chemical Engineering	Biochemistry and Molecular Biology Biology	National Institutes of Health	\$452,630
Chemical Engineering(3)	Chemistry Mechanical & Industrial Engineering	Becton Dickinson and Company	\$1,998,601
Chemical Engineering(2)	Electrical & Computer Engineering	National Science Foundation	\$14,000
Chemical Engineering	Mechanical & Industrial Engineering	National Science Foundation	\$10,000

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Chemical Engineering(2)	Biochemistry and Molecular Biology Chemistry Veterinary and Animal Sciences	National Science Foundation	\$3,240
Chemical Engineering	Food Science VC for Research & Engagement	Unilever Research U.S., Inc.	\$30,000
Chemical Engineering(2)	Chemistry	US Dept of Energy	\$155,000
Chemical Engineering	Chemistry	US Dept of Energy	\$185,000
Chemical Engineering	Chemistry	National Science Foundation	\$299,998
Chemical Engineering(2)	Biochemistry and Molecular Biology(2) Veterinary and Animal Sciences	National Science Foundation	\$600,000
Chemical Engineering(2)	Electrical & Computer Engineering	National Science Foundation	\$135,976
Civil & Environmental Engineering	Electrical & Computer Engineering(2) UMASS Transportation Center	Massachusetts Institute of Technology	\$98,898
Civil & Environmental Engineering(2)	Microbiology	Air Force	\$183,111
Civil & Environmental Engineering	UMASS Transportation Center	MA Exec Off of Trans & Public Works	\$185,854
Electrical & Computer Engineering(2)	Computer Science UMASS Transportation Center	National Science Foundation	\$844,997
Engineering Research Center	Electrical & Computer Engineering	National Science Foundation	\$3,620,979
Engineering Research Center	Electrical & Computer Engineering	National Science Foundation	\$48,000
Engineering Research Center	Electrical & Computer Engineering	National Science Foundation	\$40,000
Engineering Research Center	Electrical & Computer Engineering	National Science Foundation	\$110,000

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Mechanical & Industrial Engineering	UMASS Transportation Center	MA Exec Office of Transportation	\$127,901
Mechanical & Industrial Engineering	Psychology	State Farm	\$148,500
Mechanical & Industrial Engineering(2)	Civil & Environmental Engineering	Mitsubishi Electric Research Labs	\$50,709
Mechanical & Industrial Engineering	Psychology	National Institutes of Health	\$178,734
Mechanical & Industrial Engineering	Dean-School of Engineering Chemical Engineering Civil & Environmental Engineering Computer Science Electrical & Computer Engineering	National Science Foundation	\$199,074
Mechanical & Industrial Engineering	Psychology	Dunlap and Associates Inc	\$56,873
Mechanical & Industrial Engineering	Psychology	Arbella Insurance Group Charitable Fdn	\$52,500
Mechanical & Industrial Engineering	Chemical Engineering	Purdue University	\$32,466
Mechanical & Industrial Engineering	Psychology	Dunlap and Associates Inc	\$14,897
UMASS Transportation Center	Civil & Environmental Engineering	MA Exec Off of Trans & Public Works	\$227,449
UMASS Transportation Center	Mechanical & Industrial Engineering	MIT	\$74,378
UMASS Transportation Center	Computer Science Electrical & Computer Engineering	MIT	\$33,914
UMASS Transportation Center(2)	Mathematics and Statistics	MIT	\$99,431
College of Humanities & Fine Arts			
Judaic and Near Eastern Studies	English	The Center for Cultural Judaism	\$35,000

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
College of Natural Sciences			
Dean - College of Natural Sciences	Microbiology	Office of Naval Research	\$31,498
Biology	Chemistry Geosciences Mechanical & Industrial Engineering Polymer Science & Engineering	National Science Foundation	\$511,143
Biology	Mechanical & Industrial Engineering	National Science Foundation	\$231,855
Biology	Mechanical & Industrial Engineering	National Science Foundation	\$15,000
Chemistry	Polymer Science & Engineering	National Science Foundation	\$799,797
Chemistry	Polymer Science & Engineering	National Institutes of Health	\$107,145
Chemistry	Polymer Science & Engineering	Army Research Office	\$1,133,000
Chemistry	Polymer Science & Engineering	Shire Human Genetic Therapies Inc	\$25,494
Chemistry	Polymer Science & Engineering	Army Research Office	\$33,000
Chemistry	Polymer Science & Engineering	Shire Human Genetic Therapies Inc	\$27,500
Chemistry	Polymer Science & Engineering	National Science Foundation	\$130,000
Chemistry	Polymer Science & Engineering	Sumitomo Chemical Company Ltd	\$20,000
Chemistry	Polymer Science & Engineering	Army Research Office	\$870,001
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$188,553

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$325,250
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$15,000
Computer Science(2)	Electrical & Computer Engineering	IBM Corp	\$413,055
Computer Science	Electrical & Computer Engineering	Johns Hopkins University	\$50,000
Computer Science	CIO	Cengage Learning Inc	\$200,000
Computer Science(3)	Legal Studies	National Science Foundation	\$9,505
Computer Science(2)	Psychology	National Science Foundation	\$154,196
Computer Science(2)	Electrical & Computer Engineering	BBN Technologies Corp	\$175,298
Computer Science(3)	Mechanical & Industrial Engineering	National Science Foundation	\$198,768
Computer Science(2)	Teacher Ed & Curriculum Studies	Institute of Education Sciences	\$458,182
Computer Science	Linguistics	University of Pennsylvania	\$101,050
Computer Science	Electrical & Computer Engineering	University of California Berkeley	\$223,949
Computer Science(2)	Political Science	National Science Foundation	\$48,000
Computer Science(2)	Mathematics and Statistics Nursing	National Science Foundation	\$16,000
Computer Science	Mathematics and Statistics	National Science Foundation	\$16,000
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$187,313
Computer Science	Mathematics and Statistics	National Science Foundation	\$150,756

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Computer Science	Electrical & Computer Engineering	University of California Berkeley	\$88,550
Cranberry Station - Extension(2)	UMASS Extension	Nat'l Institute of Food and Agriculture	\$103,484
Food Science(4)	Chemistry(2) BS/UM PVLISI - Vet & Animal Sciences	Nat'l Institute of Food and Agriculture	\$2,340,000
Food Science	Plant, Soil & Insect Sciences	Washington Tree Fruit Res. Commission	\$51,400
Microbiology	Sociology Veterinary and Animal Sciences	Avon Foundation	\$104,315
Natural Resources Conservation	UMASS Extension	MA Exec Off of Trans & Public Works	\$196,000
Natural Resources Conservation	UMASS Extension	MA Dept of Environmental Protection	\$105,000
Natural Resources Conservation(2)	UMASS Extension	American Forest Foundation	\$110,000
Natural Resources Conservation	UMASS Extension	The Nature Conservancy	\$10,415
Natural Resources Conservation	Civil & Environmental Engineering	National Science Foundation	\$6,000
Plant, Soil & Insect Sciences	UMASS Extension	Cornell University	\$30,000
Plant, Soil & Insect Sciences	UMASS Extension	Cornell University	\$35,500
Plant, Soil & Insect Sciences	Natural Resources Conservation	National Science Foundation	\$15,000
Plant, Soil & Insect Sciences	Natural Resources Conservation	National Science Foundation	\$88,187
Polymer Science & Engineering	Food Science Veterinary and Animal Sciences(2)	National Institutes of Health	\$977,658
Polymer Science & Engineering	Chemistry	US Dept of Energy	\$16,000,000

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Polymer Science & Engineering(2)	Mechanical and Industrial Engineering(2) VC for Research & Engagement	National Science Foundation	\$600,000
Polymer Science & Engineering	Chemical Engineering	National Science Foundation	\$211,167
Polymer Science & Engineering	Psychology	The Elsevier Foundation	\$32,500
Psychology	Linguistics	National Institutes of Health	\$74,570
Veterinary and Animal Sciences	Natural Resources Conservation	US Golf Association	\$30,000
Veterinary and Animal Sciences	Chemical Engineering Chemistry	National Institutes of Health	\$365,792
College of Social & Behavioral Sciences			
Anthropology - Archaeological Services	Anthropology	Burns and McDonnell Inc	\$28,595
Legal Studies	Computer Science(2)	National Mediation Board	\$15,000
Commonwealth College			
Honors	Anthropology	University of Mass - Dartmouth	\$89,393
School of Education			
Student Dev & Pupil Personnel Services	Educational Policy Research & Admin	US Dept of Education	\$199,989
Educational Policy Research & Admin	Public Health	Academy for Educational Development	\$98,548
School of Management			
Finance & Operations Management	Management	Investor Responsibility Research Ctr Ins	\$40,000
Sch of Public Health & Health Sciences			

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
Communications Disorders	Student Dev & Pupil Personnel Services	US Dept of Education	\$199,999
Kinesiology(2)	Mathematics and Statistics	National Institutes of Health	\$494,446
Kinesiology(3)	Mathematics and Statistics	National Institutes of Health	\$383,779
Kinesiology(2)	Mathematics and Statistics	National Institutes of Health	\$588,829
Kinesiology(2)	Mathematics and Statistics	National Institutes of Health	\$153,665
Kinesiology	Mathematics and Statistics(2)	National Institutes of Health	\$185,505
Kinesiology(3)	Mathematics and Statistics	National Institutes of Health	\$369,675
Kinesiology	Mathematics and Statistics(2)	National Institutes of Health	\$140,804
Public Health	Food Science	Conservation, Food and Health Fdn	\$25,000
Public Health(2)	Kinesiology	National Institutes of Health	\$433,248
Public Health(2)	Kinesiology	National Institutes of Health	\$233,466
University Outreach			
UMASS Extension	Nutrition	MA Dept of Agricultural Resources	\$30,000
VCR/VC for Research & Engagement			
VC for Research & Engagement	Chemical Engineering	KSE Inc	\$19,576
VC for Research & Engagement	Chemical Engineering	KSE Inc	\$20,580
VC for Research & Engagement	The Environmental Institute	Environmental Protection Agency	\$80,800

<u>Organizational Unit</u>	<u>CoPI Department</u>	<u>Sponsor</u>	<u>Total Dollars</u>
VCR/Research Support			
BS/UM PVLSI - Management	Biology	Baystate Medical Center	\$168,647
Mass Nanotech	Physics	National Science Foundation	\$350,000
Mass Nanotech	Chemical Engineering Polymer Science and Engineering	Semiconductor Research Corp	\$60,000
Mass Nanotech	Physics	National Science Foundation	\$3,999,950

AWARDS

Table 11

5 Year Award Trend by Sponsor Category

Sponsor Category	FY2006		FY2007		FY2008		FY2009		FY2010	
	#	Dollars	#	Dollars	#	Dollars	#	Dollars	#	Dollars
Federal	447	\$80,845,088	456	\$80,838,218	479	\$93,226,867	467	\$93,635,259	498	\$129,262,137
Commonwealth of MA	95	\$8,895,074	104	\$15,812,616	81	\$9,609,293	74	\$16,316,146	74	\$9,165,862
Other States & Local Gov'ts	26	\$613,773	18	\$686,634	20	\$893,689	17	\$740,944	12	\$456,655
Non-Profit	296	\$14,328,089	296	\$21,479,302	342	18,309,853	360	\$16,672,462	325	\$20,674,374
Industry	216	\$11,179,004	263	12,534,417	272	13,278,630	222	\$10,039,334	225	\$10,434,480
Total	1,080	\$115,861,028	1,137	\$131,351,187	1,194	\$135,318,332	1,140	\$137,404,145	1,134	\$169,993,508

AWARDS BY SPONSOR FY 2010

AWARDS

Table 12

Awards Accepted from Federal Agencies FY 2010

<u>Sponsor</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
US Dept of Agriculture				
Agricultural Research Service	3	64,983	7,044	72,027
Animal and Plant Health Inspec Serv	4	243,983	0	243,983
Forest Service	22	968,795	27,973	996,768
Nat'l Institute of Food and Agriculture	10	2,150,008	389,445	2,539,453
Natural Resources Conserv Services(NRCS)	2	151,665	14,794	166,459
US Dept of Agriculture	1	113,646	11,354	125,000
Total	42	\$3,693,080	\$450,610	\$4,143,690
US Dept of Commerce				
Economic Development Administration	1	149,757	9,793	159,550
National Institute of Standards and Tech	1	167,825	0	167,825
Nat'l Oceanic and Atmospheric Admin	3	561,232	100,224	661,456
Total	5	\$878,814	\$110,017	\$988,831
US Dept of Defense				
Air Force	3	238,406	119,700	358,106
Air Force Office of Scientific Research	4	446,699	179,746	626,445
Air Force Research Laboratory	3	67,174	32,826	100,000
Army	3	2,097,739	378,070	2,475,809
Army Medical Research	1	76,120	40,985	117,105
Army Natick Soldier R D and E Center	1	89,950	51,271	141,221
Army Research Lab	1	71,920	37,959	109,879
Army Research Office	8	1,754,082	681,615	2,435,697
Defense Logistics Agency	1	173,685	25,316	199,001
National Security Agency	2	76,709	38,262	114,971
Naval Research Laboratory	1	61,933	13,067	75,000
Office of Naval Research	15	656,013	345,751	1,001,764
Total	43	\$5,810,430	\$1,944,568	\$7,754,998
US Dept of Education				
Institute of Education Sciences	1	321,996	136,186	458,182
US Dept of Education	6	727,898	37,674	765,572
Total	7	\$1,049,894	\$173,860	\$1,223,754
US Dept of Energy				
US Dept of Energy	23	18,561,157	5,698,707	24,259,864
Total	23	\$18,561,157	\$5,698,707	\$24,259,864
US Dept of Health and Human Services				
National Institutes of Health	98	23,481,744	6,260,950	29,742,694
Substance Abuse and Mental Health Serv	1	91,909	8,091	100,000
Total	99	\$23,573,653	\$6,269,041	\$29,842,694

AWARDS

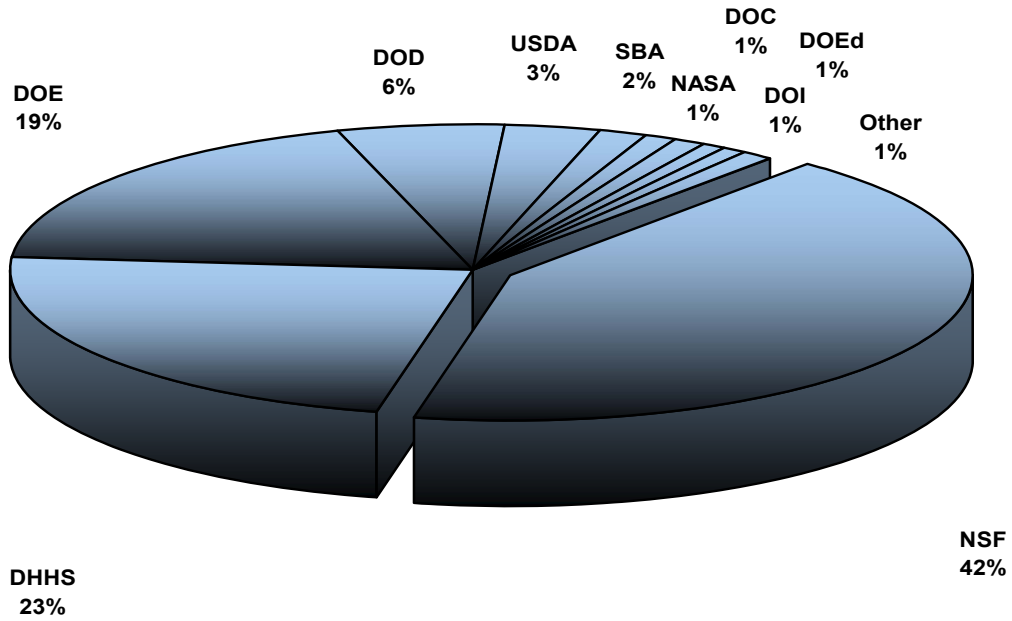
Table 12 (cont'd)

Awards Accepted from Federal Agencies FY 2010

<u>Sponsor</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
US Dept of Interior				
Geological Survey	12	639,146	101,518	740,664
National Park Service	5	229,068	35,691	264,759
US Dept of Interior	1	131,951	68,049	200,000
Total	18	\$1,000,165	\$205,258	\$1,205,423
US Dept of Transportation				
Federal Aviation Administration	1	153,373	83,374	236,747
Federal Highway Administration	1	4,196	839	5,035
Natl Highway Traffic Safety Admin	1	26,338	14,662	41,000
US Dept of Transportation	1	338,997	124,403	463,400
Total	4	\$522,904	\$223,278	\$746,182
Independent Establishments & Govt Corps				
Environmental Protection Agency	3	175,398	52,406	227,804
National Aero and Space Administration	12	1,424,225	276,939	1,701,164
National Endowment for the Arts	1	4,750	250	5,000
National Endowment for the Humanities	2	267,951	96,836	364,787
National Mediation Board	1	13,636	1,364	15,000
Small Business Administration	2	2,107,530	0	2,107,530
Total	21	\$3,993,490	\$427,795	\$4,421,285
National Science Foundation				
National Science Foundation	231	40,916,746	13,626,367	54,543,113
Total	231	\$40,916,746	\$13,626,367	\$54,543,113
Other/Quasi Government Agencies				
Open World Leadership Center	1	14,036	3,565	17,601
Smithsonian Astrophysical Observatory	3	67,821	36,881	104,702
UN Institute for Disarmament Research	1	8,000	2,000	10,000
Total	5	\$89,857	\$42,446	\$132,303
Total FY 2010 - Federal	498	\$100,090,190	\$29,171,947	\$129,262,137
Total FY 2009 - Federal	467	\$72,179,982	\$21,455,277	\$93,635,259
% Change FY 2009 to FY 2010	7%	39%	36%	38%

AWARDS

Figure 10: Distribution of Award Dollars Accepted from Federal Agencies
FY 2010
Total Costs - \$129,262,137



AWARDS

Table 13

Awards Accepted from the Commonwealth of Massachusetts FY 2010

<u>Sponsor</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
MA Board of Higher Education	1	-9,830	-2,007	-11,837
MA Clean Energy Center	2	98,473	23,497	121,970
MA Cultural Council	4	13,600	0	13,600
MA Dept of Agricultural Resources	5	251,528	25,153	276,681
MA Dept of Business and Technology	2	177,758	22,242	200,000
MA Dept of Conservation and Recreation	15	535,149	120,244	655,393
MA Dept of Education	2	655,643	61,438	717,081
MA Dept of Elementary & Secondary Ed	7	290,942	57,889	348,831
MA Dept of Environmental Protection	4	199,890	45,107	244,997
MA Dept of Higher Education	1	24,100	0	24,100
MA Dept of Public Health	8	247,462	0	247,462
MA Dept of State Police	1	233,673	59,143	292,816
MA Dept of Transitional Assistance	1	2,462,342	243,385	2,705,727
MA Division of Energy Resources	1	319,554	80,446	400,000
MA Division of Fisheries and Wildlife	6	214,500	0	214,500
MA Exec Off of Public Safety & Security	2	105,555	14,445	120,000
MA Exec Off of Trans & Public Works	6	812,172	191,666	1,003,838
MA Exec Off of Transportation and Const	1	163,333	32,667	196,000
MA Exec Office of Transportation	1	117,536	10,365	127,901
MA Office for Victim Assistance	1	47,467	0	47,467
MA Office of Business Development	1	1,004,286	0	1,004,286
MA Registry of Motor Vehicles	1	111,883	28,166	140,049
MA Technology Collaborative	1	75,000	0	75,000
Total FY 2010 - Commonwealth of MA	74	\$8,152,016	\$1,013,846	\$9,165,862
Total FY 2009 - Commonwealth of MA	74	\$14,122,462	\$2,193,684	\$16,316,146
% Change FY 2009 to FY 2010	0%	-42%	-54%	-44%

AWARDS

Table 14
Awards Accepted from Other States and Local Governments FY 2010

Sponsor

Amherst Town of	2	13,346	0	13,346
Groton Town of	1	28,024	6,976	35,000
NY State Energy Res and Dev Authority	1	54,511	17,989	72,500
Oklahoma State Regents for Higher Ed	1	9,091	909	10,000
Pioneer Valley Planning Commission	2	14,047	5,578	19,625
Russell Town of	1	34,759	3,051	37,810
Snohomish County Public Utility District	1	16,665	3,335	20,000
Springfield Water and Sewer Commission	1	22,706	5,709	28,415
The Hampshire Public Health Coalition	1	37,601	0	37,601
VT Agency of Transportation	1	122,030	60,328	182,358
Total FY 2010 - Other States & Local Govts	12	\$352,780	\$103,875	\$456,655
Total FY 2009 - Other States & Local Govts	17	\$591,443	\$149,501	\$740,944
% Change FY 2009 to FY 2010	-29%	-40%	-31%	-38%

AWARDS

Table 15
Awards Accepted from the Private Sector FY 2010

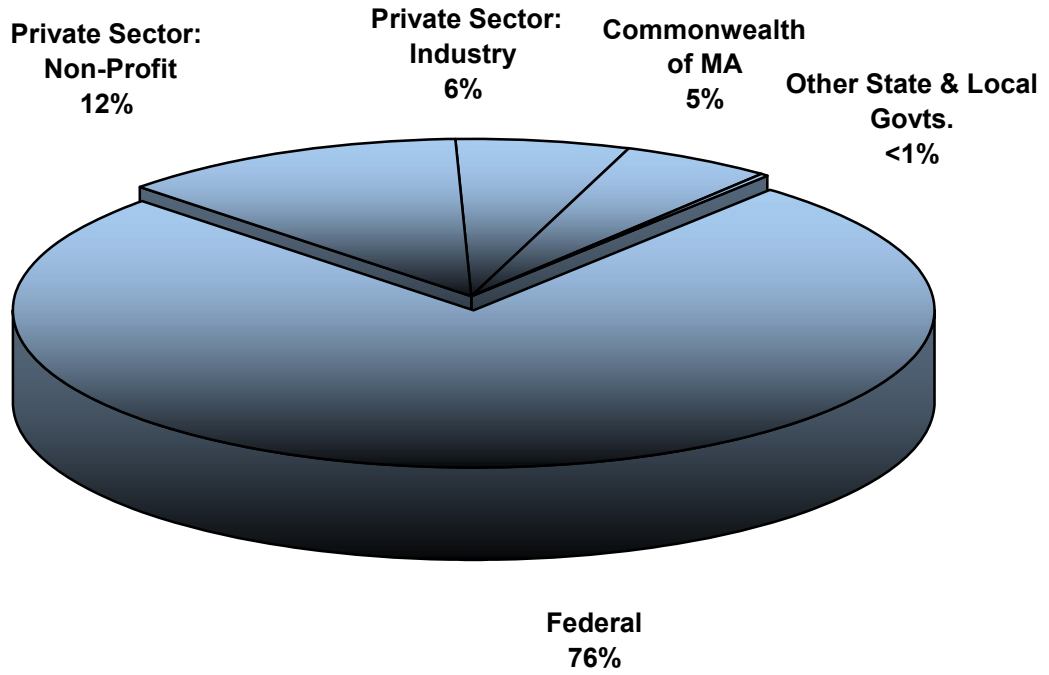
Sponsor

Non - Profit

Foundations	63	2,699,945	310,310	3,010,255
Health Agencies	11	229,879	236,784	466,663
Institutes and Associations	112	6,615,941	777,721	7,393,662
Other Colleges and Universities	110	4,898,892	1,688,764	6,587,656
Other Sponsors	29	2,551,111	665,027	3,216,138
Total FY 2010 -- Non-Profit	325	16,995,768	3,678,606	20,674,374
Total FY 2009 -- Non-Profit	342	15,305,565	3,004,288	18,309,853
% Change FY 2009 to FY 2010	-5%	11%	22%	13%
Total FY 2010 -- Industry	225	7,875,895	2,558,585	10,434,480
Total FY 2009 -- Industry	222	7,833,304	2,206,030	10,039,334
% Change FY 2009 to FY 2010	1%	1%	16%	4%
Total FY 2010 -- Private Sector	550	\$24,871,663	\$6,237,191	\$31,108,854
Total FY 2009 -- Private Sector	582	\$21,682,702	\$5,029,094	\$26,711,796
% Change FY 2009 to FY 2010	-5%	15%	24%	16%

AWARDS

Figure 11: Distribution of Awarded Dollars by Sponsor Category FY 2010
\$169,993,508



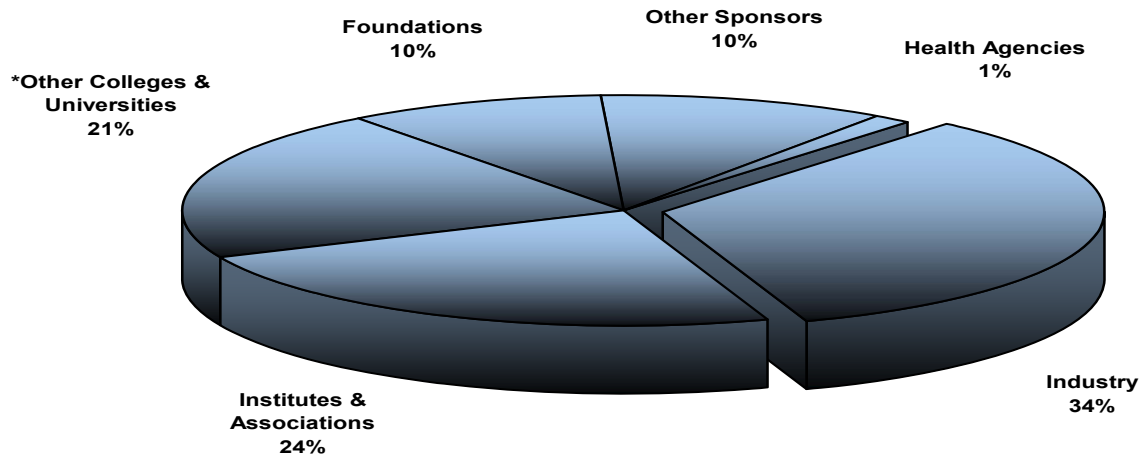
AWARDS

Table 16
Summary of Awards Accepted by Sponsor Category FY 2010

Sponsor	Awards	Direct	Indirect	Total
Federal	498	100,090,190	29,171,947	129,262,137
Commonwealth of Massachusetts	74	8,152,016	1,013,846	9,165,862
Other States & Local Governments	12	\$352,780	\$103,875	\$456,655
Private Sector -- Industry	225	7,875,895	2,558,585	10,434,480
Private Sector -- Non-Profit	325	16,995,768	3,678,606	20,674,374
Total Fiscal Year 2010	1,134	\$133,466,649	\$36,526,859	\$169,993,508

AWARDS

Figure 12: Distribution of Award Dollars Accepted from the Private Sector FY 2010
Total Costs - \$31,108,854



* A Significant portion of these awards are prime Federal Funds

AWARDS

Table 17

Summary of Project Characteristics & Award Types by Sponsor Category FY 2010

	Proj. Type	Award Type	# of Awards	\$ Amt Awards	
Federal	Research	Grant	367	\$80,600,604	
	Instruction	Grant	6	\$648,506	
	Other	Grant	29	\$4,392,220	
	Research	Co-Op	52	\$21,107,240	
	Instruction	Co-Op	2	\$242,687	
	Other	Co-Op	12	\$4,710,620	
	Research	Contract	26	\$17,185,925	
	Instruction	Contract	0	\$0	
	Other	Contract	4	\$374,335	
	Commonwealth of MA	Research	Grant	3	\$114,000
		Instruction	Grant	0	\$0
		Other	Grant	0	\$0
Research		Co-Op	0	\$0	
Instruction		Co-Op	0	\$0	
Other		Co-Op	0	\$0	
Research		Contract	41	\$5,540,383	
Instruction		Contract	8	\$353,737	
Other		Contract	23	\$3,857,742	
Other States & Local Gov't		Research	Grant	1	\$8,500
		Instruction	Grant	0	\$0
		Other	Grant	1	\$37,601
	Research	Co-Op	0	\$0	
	Instruction	Co-Op	0	\$0	
	Other	Co-Op	0	\$0	
	Research	Contract	6	\$285,398	
	Instruction	Contract	1	\$37,810	
	Other	Contract	3	\$87,346	

AWARDS

Table 17 (cont'd)

Summary of Project Characteristics & Award Types by Sponsor Category FY 2010

	Proj. Type	Award Type	# of Awards	\$ Amt Awards	
Non-Profit Private	Research	Grant	85	\$3,860,373	
	Instruction	Grant	8	\$129,738	
	Other	Grant	41	\$510,468	
	Research	Co-Op	0	\$0	
	Instruction	Co-Op	0	\$0	
	Other	Co-Op	1	\$55,800	
	Research	Contract	149	\$9,136,191	
	Instruction	Contract	10	-\$43,429	
	Other	Contract	30	\$6,325,233	
	Industry	Research	Grant	75	\$1,075,300
		Instruction	Grant	1	\$25,000
		Other	Grant	9	\$274,595
Research		Co-Op	2	\$51,950	
Instruction		Co-Op	0	\$0	
Other		Co-Op	0	\$0	
Research		Contract	130	\$8,731,848	
Instruction		Contract	0	\$0	
Other		Contract	8	\$275,787	
Total				1,134	\$169,993,508

AWARDS

Table 18
ARRA Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
Academic Support				
Fine Arts Center	1	10,000	0	10,000
MBU Total	1	\$10,000	\$0	\$10,000
College of Engineering				
Chemical Engineering	5	2,306,050	982,309	3,288,359
Civil & Environmental Engineering	2	199,899	89,109	289,008
Electrical and Computer Engineering	2	274,612	137,753	412,365
Mechanical and Industrial Engineering	3	485,404	157,283	642,687
MBU Total	12	\$3,265,965	\$1,366,454	\$4,632,419
College of Natural Sciences				
Biochemistry and Molecular Biology	3	535,950	124,793	660,743
Biology	5	1,113,608	316,557	1,430,165
Chemistry	6	686,106	249,932	936,038
Computer Science	10	9,099,763	949,367	10,049,130
Food Science	1	100,000	52,098	152,098
Geosciences	2	265,787	134,902	400,689
Mathematics and Statistics	2	151,374	87,312	238,686
Microbiology	1	714,482	285,518	1,000,000
Physics	4	1,304,415	416,585	1,721,000
Polymer Science and Engineering	3	12,815,388	3,966,622	16,782,010
Psychology	1	47,421	27,149	74,570
Veterinary and Animal Sciences	3	372,206	203,860	576,066
MBU Total	41	\$27,206,500	\$6,814,695	\$34,021,195
Dean of Students				
Everywoman's Center	1	32,858	0	32,858
MBU Total	1	\$32,858	\$0	\$32,858
Human Resources				
Human Resources	1	163,636	16,364	180,000
MBU Total	1	\$163,636	\$16,364	\$180,000
Sch of Public Health & Health Sciences				
Kinesiology	1	334,087	160,359	494,446
Public Health	4	213,173	111,008	324,181
MBU Total	5	\$547,260	\$271,367	\$818,627
VCRE/VC for Research & Engagement				
VC for Research & Engagement	2	26,290	13,866	40,156
MBU Total	2	\$26,290	\$13,866	\$40,156

ARRA Award Activity FY 2010

AWARDS

Table 18 (cont'd)

ARRA Awards Accepted by Organizational Unit FY 2010

<u>Organizational Unit</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
VCRE/Research Support				
Baystate/UM PVLSI	1	88,765	0	88,765
Mass Nanotech	2	112,960	36,884	149,844
MBU Total	3	\$201,725	\$36,884	\$238,609
FY 2010 Total	66	\$31,454,234	\$8,519,630	\$39,973,864

AWARDS

Table 19
ARRA Awards Accepted by Sponsor FY 2010

<u>Sponsor</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
US Dept of Energy				
US Dept of Energy	5	13,295,434	4,324,253	17,619,687
Total	5	\$13,295,434	\$4,324,253	\$17,619,687
US Dept of Health and Human Services				
National Institutes of Health	25	10,229,681	1,320,419	11,550,100
Total	25	\$10,229,681	\$1,320,419	\$11,550,100
National Science Foundation				
National Science Foundation	23	6,881,621	2,545,105	9,426,726
Total	23	\$6,881,621	\$2,545,105	\$9,426,726
Commonwealth of Massachusetts				
MA Dept of Public Health	1	32,858	0	32,858
MA Division of Energy Resources	1	319,554	80,446	400,000
Total	2	\$352,412	\$80,446	\$432,858
Foundations				
New England Foundation for the Arts	1	10,000	0	10,000
Total	1	\$10,000	\$0	\$10,000
Health Agencies				
Dana Farber Cancer Institute	1	68,653	33,971	102,624
Total	1	\$68,653	\$33,971	\$102,624
Industry				
BBN Technologies Corp	2	123,222	70,303	193,525
KSE Inc	2	26,290	13,866	40,156
Porifera Inc	1	56,480	18,442	74,922
The Nano Group Inc	1	56,480	18,442	74,922
Total	6	\$262,472	\$121,053	\$383,525
Institutes and Associations				
Commonwealth Corporation	1	163,636	16,364	180,000
Total	1	\$163,636	\$16,364	\$180,000

AWARDS

Table 19 (cont'd)
ARRA Awards Accepted by Sponsor FY 2010

<u>Sponsor</u>	<u>Awards</u>	<u>Direct</u>	<u>Indirect</u>	<u>Total</u>
Other Colleges and Universities				
Columbia University	1	26,763	15,300	42,063
University of Delaware	1	163,562	62,719	226,281
Total	2	\$190,325	\$78,019	\$268,344
FY 2010 Total	66	\$31,454,234	\$8,519,630	\$39,973,864

NOTES

1. Reporting Costs, Awarded vs. Recovered

There is often a significant difference between the funds reported in the OGCA Report of Sponsored Activities (RSA) as awarded during the fiscal year to the Amherst Campus, and the University's financial accounting system, of funds expended and indirect costs earned during the same fiscal year. This discrepancy can be especially problematic in projecting indirect cost.

To Clarify:

A. The OGCA Report of Sponsored Activities lists the amount of firm commitments awarded by outside sponsors to the University during the period of the fiscal year being reported. This does not necessarily coincide with the effective dates for incurring expenditures and recovering indirect costs. Figures 11 and 12 illustrate the differences between \$ awarded and \$ expended over a ten year period.

B. If a multiple year award is issued, the firm commitment of funds is reported in the RSA. For example, if a three year award is issued with either incremental funding or firm commitment for the first year only, we report only the amount of the increment or the first year (generally the effective dates will reflect only the first period). The remainder of the funds and effective dates are reported when the sponsor authorizes or releases the additional funds. If the Sponsor authorizes the full amount with no contingencies for a multiple year period, then the total amount for the full project period is reported in the same year it was awarded.

C. The University Financial System reports expenditures and indirect cost recovery during the period that the awards are active. Indirect costs are charged and recovered monthly, based on the current month's actual expenditures of each account/award.

As a result of the two reporting functions, awarded vs. earned indirect costs in any given period cannot be reconciled exactly. However, the data from both systems are valuable in the University's analyses and projections.

2. Awards with Negative Dollar Amounts

Reductions of awards, e.g. sponsor mandated reduction, early termination, transfer of grant to another institution, etc., are recorded as negative dollar amounts. They are listed in the report as credits with new OGCA numbers. This serves to report changes in awards during the period in which they occur.

3. Award Type Definitions:

GRANT: An award instrument issued to the University in support of a particular activity, but usually not requiring a "product" other than technical progress reports. A grant contains terms and conditions associated with the awarding of funds and is therefore termed "restricted". (A few sponsors award "unrestricted" grants).

CONTRACT: A bilateral award agreement which specifies work to be performed, deliverables, and specific requirements. Also, any bilateral document specifying terms and conditions agreed to by both parties.

COOPERATIVE AGREEMENT: A type of contract which outlines involvement of both parties to the agreement.

4. Proposal Reports only Contain New proposal data.

Please note we are now only reporting New proposals in our reports, and thus include Project totals, not just the first year. This means that any proposal that is part of an ongoing project will not be added into the number of applications nor the dollar totals.

5. New Tables Added into FY 2010's Annual Report.

Tables 6, 7, 18 and 19 all contain proposal and award information regarding the ARRA activity.

6. Additional Information:

This Report and further details on individual awards and sponsors are available online at <http://www.umass.edu/research/ogca>.