

TO: Five College Board of Directors
 Five College Registrars
 Five College Principal Student Affairs Officers
 Five College Admissions Officers

Five College Deans
 Five College Principal Business Officers
 Five College Chief Advancement Officers

FROM: Neal Abraham, Executive Director

DATE: August 28, 2013 (revised September 5, 2013)

SUBJECT: Five College cross-registration data for 2012-13 and recent previous years (revised)

The total number of cross-registrations for 2012-13 was down 3.7% from 2011-12, matching the number of cross-registrations for 2010-11 at a total of 5,558. That said, the number of cross-registrations for 2012-13 was the third highest total ever, 4.5% below the record total of 5,822 for 2009-10. Eight years of data is attached for both annual totals and fall and spring totals.

Taking courses off campus remains most common for students at Hampshire. Per capita undergraduate student export and import (# courses/# undergraduates students) for the year (to be compared with the results for the two previous years in (...)) and the raw export/import numbers and the difference are given below.

	Export %	Import %	Export/Import (difference)
Amherst College	38% (44%, 33%)	61% (63%, 64%)	681/1114 (-433)
Hampshire College	132% (132%, 129%)	46% (49%, 39%)	1922/ 670 (1252)
Mount Holyoke College	62% (57%, 53%)	31% (34%, 32%)	1432/ 718 (714)
Smith College	30% (30%, 33%)	41% (49%, 48%)	793/1102 (-309)
UMass Amherst	3% (4%, 4%)	8% (8%, 7%)	704/1730 (-1026)

For an estimate of the percentage of courses taken, see page two.

- Relative to 2011-12, total student export in 2012-13 declined for Amherst and UMass by about 13% and 12%, respectively; it held relatively steady for Hampshire and Smith; and it increased by about 7% for Mount Holyoke. The Amherst export decline follows a 31% increase in the previous year, so the Amherst export in 2012-13 is still the second highest on record despite the decline from the previous year. The cumulative two-year decline in export for UMass is 19%; the cumulative two-year increase in export for Mount Holyoke is 16%.
- Relative to 2011-12, total student import in 2012-13 held relatively steady for Amherst; and it decreased for Hampshire, Mount Holyoke, Smith by about 9%, 10%, and 14%, respectively; and it increased for UMass by about 5%.
- Total enrollments at the Five College Center for the Study of World Languages (at 225) rebounded from a low of 185 the previous year to a level only about 10% below the relatively consistent levels of the previous three years.
- For Amherst, Hampshire and Smith the student export numbers in Spring 2013 were roughly similar to those for Fall 2012 (changing by +15%, -6% and +7%, respectively); for UMass it was 44% higher in the spring than in the fall; and for Mount Holyoke it was about 30% higher in spring than in the fall, a similar extra export in spring as for 2011-12.
- The total number of cross registrations for Spring 2013 at 2,943 was near the average for spring semesters 2009, 2010 and 2011; it is 5% below the number for Spring 2012, driven by declines at Amherst and UMass of 100 and 99 enrollments, respectively.
- The total number of cross registrations for Fall 2012 was the fourth highest total of those for fall semesters; at 2,616 it was about 2% below the total for Fall 2011, 4% below the total for Fall 2010 and 9% below the total for Fall 2009.

Other observations

The last five years have had the five largest total numbers of cross registrations.

For each campus, the highest year of exported cross registrations occurred in the following years

	Total for the year	Spring only
Amherst	2011-12	2012
Hampshire	2005-06	2006
Mount Holyoke	2012-13	2013
Smith	2010-11	2011
University	2009-10	2010

For each campus, the highest year of imported cross registrations occurred in the following years

	Total for the year	Spring only
Amherst	2008-09	2010
Hampshire	2011-12	2012
Mount Holyoke	2009-10	2006
Smith	2009-10	2010
University	2011-12	2013

Estimate of the percentage of course enrollments taken through cross registration by students from each campus (assuming each reported student FTE took 4 courses each semester):

	2012-13	2011-12	2010-11
Amherst	4.7%	5.5%	4.2%
Hampshire	16.4%	16.5%	16.1%
Mount Holyoke	7.7%	7.1%	6.6%
Smith	3.7%	3.8%	4.1%
University	0.4%	0.5%	0.5%

Estimate of the percentage of course enrollments on each campus filled by students from the other campuses (assuming each reported FTE student took courses each semester):

	2012-13	2011-12	2010-11
Amherst	7.4%	7.7%	7.7%
Hampshire	6.4%	6.9%	5.5%
Mount Holyoke	4.0%	4.3%	4.1%
Smith	5.1%	5.9%	5.9%
University	1.0%	0.9%	0.9%

The percentage of graduating students who took at least one course at the other four colleges during their student careers.

Class of:	Amherst College	Hampshire College	Mount Holyoke College	Smith College	University of MA Amherst
2012	58.1%	90.7%	71.4%	53.2%	8.4%
2013	59.3%	94.9%	73.2%	49.2%	7.4%
5-yr avg. (09-13)	54.0%	92.9%	71.9%	48.2%	8.4%
10-yr avg. (04-13)	48.5%	94.1%	69.0%	43.4%	8.9%

The following data is drawn from mid-semester enrollment reports

The vast majority of student “export” involves students in ones or twos taking particular courses at the other four campuses. Courses of greatest interest in recent years include the following:

For Amherst students (13 courses drew 10 or more students over the last four semesters; 6 drew 15 or more students (indicated below); 41 drew five or more students

The Sports Economy (at Smith) 19 in spring 2013, 60 in Spring 2012

Intro to Accounting (at the University) 17 in Spring 2013

World Politics (at the University)

Latin American Cinema (at the University)

Greek Mythology (at the University)

Financial Accounting (at Smith) 36 in Spring 2012

Sustainable Agriculture and Organic Farming (at Hampshire) 18 in Spring 2012

My DNA (at the University)

Corporation Finance (at the University)

Human Biology (at the University) 42 in Fall 2012

Spanish Cinema (at the University)

For Hampshire students (only three courses drew 10 or more students – but not more than 13 -- over the last four semesters; 51 drew five or more students)

Printmaking (at Amherst)

Education Practicum (at Mount Holyoke)

Frontiers in Biomathematics (at Smith) 13 registrations

Tribal Fusion -- Dance (at Smith)

Plays in Play (at Amherst)

Clinical Herbalism (at the University)

History and Critical Issues of Museums (at Mount Holyoke)

For Mount Holyoke students (only three courses drew 10 or more students – but not more than 11 -- over the last four semesters; 36 drew five or more students)

Sustainable Agriculture (at Hampshire) 11 registrations

Probability (at Smith)

Frontiers of Biomathematics (at Smith)

Economic Development (at Hampshire)

Ecology, Agriculture, Society (at Hampshire)

Astrobiology (at Hampshire)

Biochemistry (at the University)

For Smith students (only one course drew 10 or more students – but not more than 11 -- over the last four semesters; 13 drew five or more students)

Public Back in Public Art (at Hampshire)

Mathematical Statistics (at Mount Holyoke) 11 registrations

Astrobiology (at Hampshire)

For University students (only 2 courses drew 10 or more students – but not more than 12 -- over the last four semesters; 18 drew five or more students)

Advanced Studio History and Aesthetics of Dance (at Smith)

Contemporary Modern Dance (at Amherst)

Arab Uprisings (at Hampshire) 12 registrations

Gentle Yoga Flow (at Hampshire)

First Year Russian (at Amherst)

Second Year Russian (at Amherst)

For further analysis of the data for 2011-12 and 2012-13, contact (nabraham@fivecolleges.edu).

Five Colleges, Incorporated
2012 - 2013
Based on HOME institution figures
(revised September 5, 2013)

Reports include enrollments for the Five College Center for the Study of World Languages (CSWL)

First Semester Course Enrollments

Fall 2012

	Amherst College	Hampshire College	Mount Holyoke College	Smith College	University of Massachusetts (less CSWL)	CSWL	TOTAL OUT	Fall 2011 Total Out	Change from FY12 to FY13
Amherst to		21	39	51	192	13	316	269	47
Hampshire to	238		189	292	256	16	991	1,004	-13
Mount Holyoke to	124	130		133	215	21	623	581	42
Smith to	72	62	70		149	31	384	392	-8
University Undergrad to	117	49	42	51		29	288	381	-93
University Grad to	5	2	2	4			13	30	-17
TOTAL IN	556	264	342	531	812	110	2,615	2,657	-42

Second Semester Course Enrollments

Spring 2013

	Amherst College	Hampshire College	Mount Holyoke College	Smith College	University of Massachusetts (less CSWL)	CSWL	TOTAL OUT	Spring 2012 Total Out	Change from FY12 to FY13
Amherst to		32	44	58	210	21	365	513	-148
Hampshire to	210		234	241	239	7	931	978	-47
Mount Holyoke to	117	180		185	305	22	809	755	54
Smith to	68	102	47		164	28	409	413	-4
University Undergrad to	161	87	50	81		37	416	422	-6
University Grad to	2	4	1	6			13	25	-12
TOTAL IN	558	405	376	571	918	115	2,943	3,106	-163

Total Interchange Course Enrollment 2012-2013

5,558

2012 - 2013 AY Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	University of Massachusetts (less CSWL)	CSWL Totals	TOTAL OUT	FY12 Total Out	Change from FY12 to FY13
Amherst to		53	83	109	402	34	681	782	-101
Hampshire to	448		423	533	495	23	1,922	1,982	-60
Mount Holyoke to	241	310		318	520	43	1,432	1,336	96
Smith to	140	164	117		313	59	793	805	-12
University Undergrad to	278	136	92	132		66	704	803	-99
University Grad to	7	6	3	10			26	55	-29
TOTAL IN	1,114	669	718	1,102	1,730	225	5,558	5,763	-205

Cross Registration data comparisons from 2005-2006 to 2012-2013

Reports based on Home export figures

Total Interchange Course Enrollment 2012-2013

2012-13 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals	TOTAL OUT
Amherst to		53	83	109	402	34	681
Hampshire to	448		423	533	495	23	1,922
Mount Holyoke to	241	310		318	520	43	1,432
Smith to	140	164	117		313	59	793
University Undergrad to	278	136	92	132		66	704
University Grad to	7	6	3	10			26
TOTAL IN	1,114	669	718	1,102	1,730	225	5,558

2011-12 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals	TOTAL OUT
Amherst to		95	74	215	370	28	782
Hampshire to	430		478	566	488	20	1982
Mount Holyoke to	258	283		307	466	28	1342
Smith to	176	138	118		316	57	805
University Undergrad to	263	208	113	167		52	803
University Grad to	8	15	11	21			55
TOTAL IN	1135	739	794	1276	1640	185	5769

2010-11 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals	TOTAL OUT
Amherst to		49	111	132	288	18	598
Hampshire to	420		399	633	469	51	1972
Mount Holyoke to	269	228		250	422	56	1225
Smith to	157	164	103		381	54	859
University Undergrad to	286	151	131	226		70	864
University Grad to	9	10	7	14			40
TOTAL IN	1141	602	751	1255	1560	249	5558

2009 - 2010 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals	TOTAL OUT
Amherst to		90	88	112	274	28	592
Hampshire to	507		407	646	437	45	2042
Mount Holyoke to	257	209		282	426	56	1230
Smith to	178	190	101		314	53	836
University Undergrad to	307	200	191	279		78	1055
University Grad to	11	16	8	32			67
TOTAL IN	1260	705	795	1351	1451	260	5822

2008 - 2009 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals	TOTAL OUT
Amherst to		51	86	102	238	30	507
Hampshire to	445		473	675	401	44	2038
Mount Holyoke to	262	236		244	475	33	1250
Smith to	208	149	75		269	45	746
University Undergrad to	251	188	126	218		84	867
University Grad to	11	15	9	31			66
TOTAL IN	1177	639	769	1270	1383	236	5474

2007-2008 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals	TOTAL OUT
Amherst to		48	96	115	168	38	465
Hampshire to	427		497	596	417	41	1978
Mount Holyoke to	253	253		238	408	34	1186
Smith to	188	183	83		251	54	759
University Undergrad to	244	130	108	177		57	716
University Grad to	8	4	2	12			26
TOTAL IN	1120	618	786	1138	1244	224	5130

change by 50% or more exceeding SQRT(n)

increase by 10% or more

decrease by 10% or more

CHANGES from 2011-12 to 2012-2013

	-44.2%	12.2%	-49.3%	8.6%	21.4%	-12.9%
4.2%		-0.1151	-5.8%	1.4%	15.0%	-3.0%
-6.6%	9.5%		3.6%	11.6%	53.6%	6.7%
-20.5%	18.8%	-0.8%		-0.9%	3.5%	-1.5%
5.7%	-34.6%	-18.6%	-21.0%		26.9%	-12.3%
-12.5%	-60.0%	-72.7%	-52.4%			-52.7%
-1.9%	-9.5%	-9.6%	-13.6%	5.5%	21.6%	-3.7%

CHANGES from 2010-11 to 2011-2012

	93.9%	-33.3%	62.9%	28.5%	55.6%	30.8%
2.4%		19.8%	-10.6%	4.1%	-60.8%	0.5%
-4.1%	24.1%		22.8%	10.4%	-50.0%	9.6%
12.1%	-15.9%	14.6%		-17.1%	5.6%	-6.3%
-8.0%	37.7%	-13.7%	-26.1%		-25.7%	-7.1%
-11.1%	50.0%	57.1%	50.0%			37.5%
-0.5%	22.8%	5.7%	1.7%	5.1%	-25.7%	3.8%

CHANGES from 2009-10 to 2010-2011

	-45.6%	26.1%	17.9%	5.1%	-35.7%	1.0%
-17.2%		-2.0%	-2.0%	7.3%	13.3%	-3.4%
4.7%	9.1%		-11.3%	-0.9%	0.0%	-0.4%
-11.8%	-13.7%	2.0%		21.3%	1.9%	2.8%
-6.8%	-24.5%	-31.4%	-19.0%		-10.3%	-18.1%
-18.2%	-37.5%	-12.5%	-56.3%			-40.3%
-9.4%	-14.6%	-5.5%	-7.1%	7.5%	-4.2%	-4.5%

CHANGES from 2008-09 to 2009-10

	76.5%	2.3%	9.8%	15.1%	-6.7%	16.8%
13.9%		-14.0%	-4.3%	9.0%	2.3%	0.2%
-1.9%	-11.4%		15.6%	-10.3%	69.7%	-1.6%
-14.4%	27.5%	34.7%		16.7%	17.8%	12.1%
22.3%	6.4%	51.6%	28.0%		-7.1%	21.7%
0.0%	6.7%	-11.1%	3.2%			1.5%
7.1%	10.3%	3.4%	6.4%	4.9%	10.2%	6.4%

2006 - 2007 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals*	TOTAL OUT
AC to		36	60	86	183	39	404
HC to	356		435	611	431	27	1860
MHC to	257	227		188	387	36	1095
SC to	181	170	87		234	40	712
UM ug to	246	139	118	166		39	708
UM g to	12	8	5	23			48
TOTAL IN	1052	580	705	1074	1235	181	4827

2005 - 2006 Academic Year Totals

	AC Totals	HC Totals	MHC Totals	SC Totals	UM Totals	CSWL Totals*	TOTAL OUT
AC to		40	56	93	161	25	375
HC to	455		497	643	467	45	2107
MHC to	222	228		238	398	42	1128
SC to	166	174	79		259	29	707
UM ug to	238	178	143	211		41	811
UM g to	14	10	6	18			48
TOTAL IN	1095	630	781	1203	1285	182	5176

Only data from 2009-2010 onwards properly account for all Five College Astronomy Department exports.

Five College Cross Registration 2005-2006 to 2012-2013 by Semesters

Reports based on home export figures

FALL

Fall 2012

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		21	39	51	192	13	316
Hampshire to	238		189	292	256	16	991
Mount Holyoke to	124	130		133	215	21	623
Smith to	72	62	70		149	31	384
University of Massachusetts to	117	49	42	51		29	288
University of Greenfield to	5	2	2	4			13
TOTAL IN	556	264	342	531	812	110	2,615

Fall 2011

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		25	25	62	147	10	269
Hampshire to	221		256	283	232	12	1004
Mount Holyoke to	110	116		120	220	15	581
Smith to	98	56	60		155	23	392
University of Massachusetts to	154	78	51	73		25	381
University of Greenfield to	4	7	5	14			30
TOTAL IN	587	282	397	552	754	85	2,657

Fall 2010

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		27	55	38	138	6	264
Hampshire to	195		183	320	273	32	1,003
Mount Holyoke to	125	103		125	221	26	600
Smith to	69	75	55		187	27	413
University of Massachusetts to	123	78	85	112		32	430
University of Greenfield to	4	5	3	7			19
TOTAL IN	516	288	381	602	819	123	2,729

Fall 2009

	Amherst College	Hampshire College	Mount Holyoke College	Smith College	UMass	CSWL	TOTAL OUT
Amherst to		38	41	58	152	9	298
Hampshire to	251		202	291	244	32	1020
Mount Holyoke to	137	90		132	225	17	601
Smith to	85	85	36		171	39	416
University of Massachusetts to	132	91	108	119		40	490
University of Greenfield to	10	12	3	14			39
TOTAL IN	615	316	390	614	792	137	2,864

Fall 2008

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		18	34	35	115	15	217
Hampshire to	244		241	308	206	23	1022
Mount Holyoke to	112	93		119	235	16	575
Smith to	94	50	25		108	24	301
University of Massachusetts to	111	70	58	91		45	375
University of Greenfield to	5	7	3	15			30
TOTAL IN	566	238	361	568	664	123	2,520

Fall 2007

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		14	46	46	89	18	213
Hampshire to	212		248	270	207	19	956
Mount Holyoke to	99	105		114	184	14	516
Smith to	71	68	36		121	21	317
University of Massachusetts to	107	56	49	74		23	309
University of Greenfield to	1	0	0	0			1
TOTAL IN	490	243	379	504	601	95	2,312

change by 50% or more	
increase by 10% or more	
decrease by 10% or more	

CHANGES from 2011-12 to 2012-13

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		-16.0%	56.0%	-17.7%	30.6%	30.0%	17.5%
Hampshire to	7.7%		-26.2%	3.2%	10.3%	33.3%	-1.3%
Mount Holyoke to	12.7%	12.1%		10.8%	-2.3%	40.0%	7.2%
Smith to	-26.5%	10.7%	16.7%		-3.9%	34.8%	-2.0%
University of Massachusetts to	-24.0%	-37.2%	-17.6%	-30.1%		16.0%	-24.4%
University of Greenfield to	25.0%	-71.4%	-60.0%	-71.4%			-56.7%
TOTAL IN	-5.3%	-6.4%	-13.9%	-3.8%	7.7%	29.4%	-1.6%

CHANGES from 2010-11 to 2011-12

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		-7.4%	-54.5%	63.2%	6.5%	66.7%	1.9%
Hampshire to	13.3%		39.9%	-11.6%	-15.0%	-62.5%	0.1%
Mount Holyoke to	-12.0%	12.6%		-4.0%	-0.5%	-42.3%	-3.2%
Smith to	42.0%	-25.3%	9.1%		-17.1%	-14.8%	-5.1%
University of Massachusetts to	25.2%	0.0%	-40.0%	-34.8%		-21.9%	-11.4%
University of Greenfield to	0.0%	40.0%	66.7%	100.0%			57.9%
TOTAL IN	13.8%	-2.1%	4.2%	-8.3%	-7.9%	-30.9%	-2.6%

CHANGES from 2009-10 to 2010-11

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		-28.9%	34.1%	-34.5%	-9.2%	-33.3%	-11.4%
Hampshire to	-22.3%		-9.4%	10.0%	11.9%	0.0%	-1.7%
Mount Holyoke to	-8.8%	14.4%		-5.3%	-1.8%	52.9%	-0.2%
Smith to	-18.8%	-11.8%	52.8%		9.4%	-30.8%	-0.7%
University of Massachusetts to	-6.8%	-14.3%	-21.3%	-5.9%		-20.0%	-12.2%
University of Greenfield to	-60.0%	-58.3%	0.0%	-50.0%			-51.3%
TOTAL IN	-16.1%	-8.9%	-2.3%	-2.0%	3.4%	-10.2%	-4.7%

CHANGES from 2008-09 to 2009-10

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		111.1%	20.6%	65.7%	32.2%	-40.0%	37.3%
Hampshire to	2.9%		-16.2%	-5.5%	18.4%	39.1%	-0.2%
Mount Holyoke to	22.3%	-3.2%		10.9%	-4.3%	6.3%	4.5%
Smith to	-9.6%	70.0%	44.0%		58.3%	62.5%	38.2%
University of Massachusetts to	18.9%	30.0%	86.2%	30.8%		-11.1%	30.7%
University of Greenfield to	100.0%	71.4%	0.0%	-6.7%			30.0%
TOTAL IN	8.7%	32.8%	8.0%	8.1%	19.3%	11.4%	13.7%

Fall 2006

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
AC to		18	34	28	85	18	183
HC to	177		214	306	214	15	926
MHC to	93	106		74	167	11	451
SC to	73	74	42		139	16	344
UM to	105	61	68	66		16	316
CSWL to	5	0	1	6			12
TOTAL IN	453	259	359	480	605	76	2,232

Fall 2005

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
AC to		17	25	25	92	10	169
HC to	206		235	337	238	21	1037
MHC to	97	112		118	208	18	553
SC to	60	73	28		106	9	276
UM to	9	3	3	15		19	49
CSWL to	93	70	45	98			306
TOTAL IN	465	275	336	593	644	77	2,390

Only data from Fall 2009 onwards properly accounts for all Five College Astronomy Department exports.

Five College Cross Registration 2006-2007 to 2012-2013 by Semesters

Reports based on home export figures

SPRING

Spring 2013

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		32	44	58	210	21	365
Hampshire to	210		234	241	239	7	931
Mount Holyok	117	180		185	305	22	809
Smith to	68	102	47		164	28	409
University U	161	87	50	81		37	416
University G	2	4	1	6			13
TOTAL IN	558	405	376	571	918	115	2,943

Spring 2012

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		70	49	153	223	18	513
Hampshire to	209		222	283	256	8	978
Mount Holyok	148	167		187	246	13	761
Smith to	78	82	58		161	34	413
University U	109	130	62	94		27	422
University G	4	8	6	7			25
TOTAL IN	548	457	397	724	886	100	3112

Spring 2011

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		22	56	94	150	12	334
Hampshire to	225		216	313	196	19	969
Mount Holyok	144	125		125	201	30	625
Smith to	88	89	48		194	27	446
University U	163	73	46	114		38	434
University G	5	5	4	7			21
TOTAL IN	625	314	370	653	741	126	2829

Spring 2010

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		52	47	54	122	19	294
Hampshire to	256		205	355	193	13	1022
Mount Holyok	120	119		150	201	39	629
Smith to	93	105	65		143	14	420
University U	175	109	83	160		38	565
University G	1	4	5	18			28
TOTAL IN	645	389	405	737	659	123	2958

Spring 2009

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		33	52	67	123	15	290
Hampshire to	201		232	367	195	21	1016
Mount Holyok	150	143		125	240	17	675
Smith to	114	99	50		161	21	445
University U	140	118	68	127		39	492
University G	6	8	6	16			36
TOTAL IN	611	401	408	702	719	113	2954

Spring 2008

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
Amherst to		34	50	69	79	20	252
Hampshire to	215		249	326	210	22	1022
Mount Holyok	154	148		124	224	20	670
Smith to	117	115	47		130	33	442
University U	137	74	59	103		34	407
University G	7	4	2	12			25
TOTAL IN	630	375	407	634	643	129	2818

change by 50% or more	
increase by 10% or more	
decrease by 10% or more	

CHANGES from 2011-12 to 2012-13

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
	0.5%	-54.3%	-10.2%	-62.1%	-5.8%	16.7%	-28.8%
		5.4%	-14.8%	-6.6%	-12.5%	-4.8%	
	-20.9%	7.8%		-1.1%	24.0%	69.2%	6.3%
	-12.8%	24.4%	-19.0%		1.9%	-17.6%	-1.0%
	47.7%	-33.1%	-19.4%	-13.8%		37.0%	-1.4%
	-50.0%	-50.0%	-83.3%	-14.3%			-48.0%
	1.8%	-11.4%	-5.3%	-21.1%	3.6%	15.0%	-5.4%

CHANGES from 2010-11 to 2011-12

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
	-7.1%	218.2%	-12.5%	62.8%	48.7%	50.0%	53.6%
	2.8%	2.8%	-9.6%	30.6%	-57.9%	0.9%	
	2.8%	33.6%		49.6%	22.4%	-56.7%	21.8%
	-11.4%	-7.9%	20.8%		-17.0%	25.9%	-7.4%
	-33.1%	78.1%	34.8%	-17.5%		-28.9%	-2.8%
	-20.0%	60.0%	50.0%	0.0%			19.0%
	-12.3%	45.5%	7.3%	10.9%	19.6%	-20.6%	10.0%

CHANGES from 2009-10 to 2010-11

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
	-12.1%	-57.7%	19.1%	74.1%	23.0%	-36.8%	13.6%
	20.0%	5.0%		-16.7%	0.0%	-23.1%	-0.6%
	-5.4%	-15.2%	-26.2%		35.7%	92.9%	6.2%
	-6.9%	-33.0%	-44.6%	-28.8%		0.0%	-23.2%
	400.0%	25.0%	-20.0%	-61.1%			-25.0%
	-3.1%	-19.3%	-8.6%	-11.4%	12.4%	2.4%	-4.4%

CHANGES from 2008-09 to 2009-10

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
	27.4%	57.6%	-9.6%	-19.4%	-0.8%	26.7%	1.4%
	-20.0%	-16.8%		20.0%	-16.3%	129.4%	-6.8%
	-18.4%	6.1%	30.0%		-11.2%	-33.3%	-5.6%
	25.0%	-7.6%	22.1%	26.0%		-2.6%	14.8%
	-83.3%	-50.0%	-16.7%	12.5%			-22.2%
	5.6%	-3.0%	-0.7%	5.0%	-8.3%	8.8%	0.1%

Spring 2007

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
AC to		18	26	58	98	21	221
HC to	179		221	305	217	12	934
MHC to	164	121		114	220	25	644
SC to	108	96	45		111	24	384
UM ug to	141	78	50	100		23	392
UM g to	7	8	4	17			36
TOTAL IN	599	321	346	594	646	105	2611

Spring 2006

	AC	HC	MHC	SC	UM	CSWL	TOTAL OUT
AC to		23	31	68	69	15	206
HC to	249		262	306	229	24	1070
MHC to	125	116		120	190	24	575
SC to	106	101	51		151	20	429
UM ug to	5	7	3	3		22	40
UM g to	145	108	98	113			464
TOTAL IN	630	355	445	610	639	105	2784

Only data from Spring 2010 onwards properly accounts for all Five College Astronomy Department exports.