

**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 25, 2015; revised August 31, 2015; tweaked September 11, 2015

**SUBJECT:** Five College cross-registration data for 2014-15 and recent previous years

The total number of cross-registrations for 2014-15 was 5204, up 1.1% from 2013-14. This was the first uptick following a two-year, 9.8% decline in the number of cross-registrations. Details for 2014-15 in total and by semester are attached. For those interested in various trends, nine years of equivalent data is available for both annual totals and fall and spring totals.

Taking courses at the other four campuses remains most common for students enrolled at Hampshire (averaging more than one course per student per year). Per capita undergraduate student export and import (# course enrollments of outgoing and incoming students, respectively/# undergraduate 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.

|                       | <u>Export %</u>   | <u>Import %</u> | <u>Export/Import (difference)</u> |
|-----------------------|-------------------|-----------------|-----------------------------------|
| Amherst College       | 33% (30%, 38%)    | 58% (59%, 61%)  | 595/1033 (-438)                   |
| Hampshire College     | 116% (122%, 132%) | 53% (40%, 46%)  | 1598/ 727 ( 871)                  |
| Mount Holyoke College | 70% (63%, 62%)    | 26% (30%, 31%)  | 1540/ 563 ( 977)                  |
| Smith College         | 32% (32%, 30%)    | 36% (36%, 41%)  | 832/ 930 ( -98)                   |
| UMass Amherst         | 3% (3%, 3%)       | 7% (8%, 8%)     | 617/1667 (-1050)                  |

For estimates of the percentage of courses taken by students from other campuses, see page two.

- There was noticeably reduced student outflow for the year from Hampshire (by 10.5%) but notable increased outflow from Amherst (12.5%) and Mount Holyoke (13.8%). For Amherst annual outflow registrations were up by 66, for Hampshire down by 188, for Mount Holyoke up by 187, for Smith down by 14 and for UMass up by 22.
- The total number of cross registrations is down 10.6% from the peak of 5822 in 2009-10; the five highest years for cross registration were 08-09 to 12-13, averaging 5636.
- There was noticeably reduced student in-flow to Mount Holyoke (-14%) and notable increased inflow to Hampshire (22.8%) and to the Five College Center for the Study of World Languages (23.5%). For Amherst the in-flow was down by 13, for Hampshire up by 135, for Mount Holyoke down by 92, for Smith down by 12, UMass down by 15, and for FCCSWL up by 54.
- For the second straight year Smith's import and export were nearly balanced after seven years of significant net import. Hampshire's export import ratio of 1:2 was noticeably lower than its past values of more nearly 1:3. Mount Holyoke's number of exports is nearly the same as Hampshire's, though the rate for Mount Holyoke students per capita is only 60% of the rate for Hampshire students.
- Total enrollments at the Five College Center for the Study of World climbed to a record 284, with a dramatic 28.5% increase in spring 2015 led by a 67% increase from Amherst and a 58% increase from Mount Holyoke. Most FCCSWL instruction is held on the students' campuses.

**For further analysis of the data for the last five years contact ([nabraham@fivecolleges.edu](mailto:nabraham@fivecolleges.edu)).**

Other observations

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 | 2014-15            | 2015        |
| Smith         | 2010-11            | 2015        |
| 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       | 2009-10            | 2010        |
| Hampshire     | 2011-12            | 2012        |
| Mount Holyoke | 2009-10            | 2006        |
| Smith         | 2009-10            | 2010        |
| University    | 2012-13            | 2014        |

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

|               | 2014-15 | 2013-14 | 2012-13 | 2011-12 | 2010-11 |
|---------------|---------|---------|---------|---------|---------|
| Amherst       | 4.2%    | 3.7%    | 4.7%    | 5.5%    | 4.2%    |
| Hampshire     | 14.5%   | 15.2%   | 16.4%   | 16.5%   | 16.1%   |
| Mount Holyoke | 8.8%    | 7.9%    | 7.7%    | 7.1%    | 6.6%    |
| Smith         | 4.1%    | 4.1%    | 3.7%    | 3.8%    | 4.1%    |
| University    | 0.3%    | 0.3%    | 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 4 courses each semester).

|               | 2014-15 | 2013-14 | 2012-13 | 2011-12 | 2010-11 |
|---------------|---------|---------|---------|---------|---------|
| Amherst       | 7.2%    | 7.3%    | 7.4%    | 7.7%    | 7.7%    |
| Hampshire     | 6.6%    | 5.0%    | 6.4%    | 6.9%    | 5.5%    |
| Mount Holyoke | 3.2%    | 3.8%    | 4.0%    | 4.3%    | 4.1%    |
| Smith         | 4.5%    | 4.5%    | 5.1%    | 5.9%    | 5.9%    |
| University    | 0.9%    | 1.0%    | 1.0%    | 0.9%    | 0.9%    |

**The percentages of graduating students who took at least one course at the other four colleges during their undergraduate student careers.** (Source: Registrars August 2015)

| Class of:            | Amherst College | Hampshire College | Mount Holyoke College | Smith College | University of MA Amherst |
|----------------------|-----------------|-------------------|-----------------------|---------------|--------------------------|
| 2015                 | 53.9%           | 90.7%             | 73.9%                 | 49.7%         | 6.6%                     |
| 2014                 | 55.6%           | 93.6%             | 75.4%                 | 52.2%         | 5.7%                     |
| 2013                 | 59.3%           | 94.9%             | 73.2%                 | 49.2%         | 7.4%                     |
| 2012                 | 58.1%           | 90.7%             | 71.4%                 | 53.2%         | 8.4%                     |
| 5-yr avg. (2010-15)  | 56.6%           | 92.4%             | 72.6%                 | 50.5%         | 7.4%                     |
| 12-yr avg. (2004-15) | 49.5%           | 93.7%             | 70.09%                | 44.7%         | 8.4%                     |

The following data is drawn from mid-semester enrollment reports excluding independent studies, supervised research and physical education. Data on pages 3 and 4 is based on reports from the campuses receiving registrations excluding courses for less than 2 credit hours, independent studies and supervised research, and physical education. Data earlier in this report is based on reports from campuses sending students. By dividing the number of courses students from each campus take off campus by the number of courses available to them on their home campus, we find a “curricular enhancement percentage” that cross-registration provides each campus.

### **Fall 2014**

Amherst students had 431 course offerings at Amherst. They registered 299 times for 169 courses off campus (HC: 24 in 21 courses; MHC: 43 in 33 courses; SC: 54 in 23 courses; UMass: 164 in 83 courses; and FCCSWL: 14 in 9 courses). Amherst students found a 39% curricular enhancement through cross-registration.

Hampshire students had 223 course offerings at Hampshire. They registered 784 times for 545 courses off campus (AC: 183 in 112 courses; MHC: 139 in 101 courses; SC: 237 in 153 courses; UMass: 209 in 164 courses; FCCSWL: 16 in 15 courses). Hampshire students found a 244% curricular enhancement through cross-registration.

Mount Holyoke students had 493 course offerings at Mount Holyoke. They registered 784 times for 475 courses off campus (AC: 149 in 98 courses; HC: 137 in 73 courses; SC: 170 in 120 courses; UMass: 224 in 167 courses; FCCSWL: 20 in 17 courses). Mount Holyoke students found a 96% curricular enhancement through cross-registration.

Smith students had 587 course offerings at Smith. They registered 344 times for 258 courses off campus (AC: 66 in 52 courses, HC: 70 in 45 courses; MHC: 45 in 34 courses; UMass: 134 in 101 courses; FCCSWL: 29 in 26 courses). Smith students found a 44% curricular enhancement through cross-registration.

UMass students had 2086 course offerings at UMass. They registered 275 times for 182 courses off campus (AC: 95 in 65 courses; HC: 64 in 37 courses; MHC: 19 in 17 courses; SC: 59 in 32 courses; FCCSWL: 38 in 31 courses). UMass students found a 9% curricular enhancement through cross-registration.

### **Spring 2015**

Amherst students had 447 course offerings at Amherst. They registered 322 times for 198 courses off campus (HC: 28 in 22 courses; MHC: 46 in 39 courses; SC: 38 in 29 courses; UMass: 185 in 89 courses; and FCCSWL: 25 in 19 courses). Amherst students found a 44% curricular enhancement through cross-registration.

Hampshire students had 257 course offerings at Hampshire. They registered 801 times for 542 courses off campus (AC: 192 in 105 courses; MHC: 163 in 107 courses; SC: 235 in 161 courses; UMass: 200 in 158 courses; FCCSWL: 11 in 11 courses). Hampshire students found a 211% curricular enhancement through cross-registration.

Mount Holyoke students had 495 course offerings at Mount Holyoke. They registered 854 times for 558 courses off campus (AC: 156 in 99 courses; HC: 183 in 105 courses; SC: 179 in 118 courses; UMass: 298 in 207 courses; FCCSWL: 38 in 29 courses). Mount Holyoke students found a 113% curricular enhancement through cross-registrations.

Smith students had 605 course offerings at Smith. They registered 469 times for 325 courses off campus (AC: 89 in 65 courses, HC: 112 in 67 courses; MHC: 54 in 45 courses; UMass: 177 in 117 courses; FCCSWL: 37 in 31 courses). Smith students found a 54% curricular enhancement through cross registration.

UMass students had 2089 course offerings at UMass. They registered 413 times for 284 courses off campus (AC: 121 in 97 courses; HC: 120 in 69 courses; MHC: 47 in 30 courses; SC: 69 in 50 courses; FCCSWL: 56 in 38 courses). UMass students found a 14% curricular enhancement through cross-registration.

**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 for students of each campus are the following.**

For Amherst students. Thirty courses drew 10 or more students over the last eight semesters (listed below); 13 drew 15 or more students; 78 drew five or more students.

The Sports Economy (Smith) 60 in Spring 2012, 21 in Fall 2014, 19 in Spring 2013,  
Human Biology (University) 42 in Fall 2012, 14 in Fall 2011  
Financial Accounting (Smith) 36 in Spring 2012  
Intro to Accounting (University) **26 in Spring 2015**, 17 in Spring 2013, 19 in Spring 2014  
World Politics (University) 26 in Fall 2014, 16 in Fall 2013, 17 in Spring 2014, **16 in Spring 2015**  
Sustainable Agriculture and Organic Farming (Hampshire) 18 in Spring 2012  
Corporation Finance (University) 16 in Spring 2014  
Latin American Cinema (University) 14 in Spring 2014, 12 in Spring 2013, **12 in Spring 2015**  
My DNA (University) 14 in Spring 2012  
Spanish Cinema (University) 12 in Fall 2014, 11 in Fall 2013  
History of College Sport (University) **11 in Fall 2015**

For Hampshire students. Only four courses drew 10 or more students – but not more than 13 -- over the last eight semesters; 91 drew five or more students.

Frontiers in Biomathematics (Smith) 13 in Spring 2012  
Videogames (Amherst) **12 in Spring 2015**  
Plays in Play (Amherst) 12 in Fall 2012  
Tribal Fusion -- Dance (Smith) 11 in Spring 2012  
History and Critical Issues of Museums (Mount Holyoke) 9 in Fall 2011  
Marx and Critical Theory (Amherst) 9 in Spring 2014  
Clinical Herbalism (University) 9 in Spring 2014, 8 in Fall 2012  
Education Practicum (Mount Holyoke) 8 in Spring 2013  
Child and Adolescent Growth (Smith) 8 in Fall 2013  
Community in Motion – Theater (Amherst) **8 in Spring 2015**

For Mount Holyoke students. Only five courses drew 10 or more students – but not more than 11 -- over the last eight semesters; 70 drew five or more students.

Sustainable Agriculture and Organic Farming (at Hampshire) 11 in Spring 2013, 10 in Spring 2012  
Money and Banking (University) 11 in Fall 2014  
Probability (at Smith) 10 in Fall 2012  
World Politics (University) **10 in Spring 2015**, 8 in Spring 2013  
Savoring Italy (Smith) **9 in Spring 2015**  
Frontiers of Biomathematics (at Smith) 9 in Spring 2013, 8 in Spring 2014  
Economic Development (at Hampshire) 8 in Fall 2012  
Ecology, Agriculture, Society (at Hampshire) 8 in Fall 2011  
Elementary Biochemistry (University) 8 in Fall 2014

For Smith students: Only one course drew 10 or more students – but not more than 11 -- over the last eight semesters; 32 drew five or more students.

Mathematical Statistics (Mount Holyoke) 11 in Spring 2012  
Public Back in Public Art (Hampshire) 8 in Spring 2013  
Astrobiology (Hampshire) 8 in Fall 2012, 7 in Fall 2013  
American Sign Language (Hampshire) 7 in Fall 2014

For University students. Only 7 courses drew 10 or more students – but not more than 12 -- over the last eight semesters; 40 drew five or more students.

Arab Uprisings (Hampshire) 12 in Spring 2012  
First-Year Russian (Amherst): 11 in Fall 2011; UMass resumed offering this course in 2013-14.  
Gentle Yoga Flow (Hampshire) **11 in Spring 2015**, 10 in Spring 2014, 8 in Spring 2012  
Observational Techniques in Astronomy and Independent Research (Smith) 10 in Fall 2014  
Planetary Astronomy (Mount Holyoke) **10 in Spring 2015**  
Geochemistry (Amherst): 8 in Fall 2013  
History and Aesthetics of Dance (Smith): 8 in Spring 2013  
Contemporary Modern Dance (Amherst): 8 in Spring 2013

**Five Colleges, Inc.**

**2014 - 2015**

**Based on HOME institution figures**

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

**First Semester Course Enrollments**

**Fall 2014**

|                         | Amherst College | Hampshire College | Mount Holyoke College | Smith College | University of Massachusetts (less CSWL) | CSWL       | TOTAL OUT    | Fall 2013 Total Out | Change from FY14 to FY15 |
|-------------------------|-----------------|-------------------|-----------------------|---------------|---|------------|--------------|---------------------|--------------------------|
| Amherst to              |                 | 24                | 42                    | 47            | 163                                     | 14         | 290          | 149                 | 141                      |
| Hampshire to            | 183             |                   | 147                   | 226           | 229                                     | 16         | 801          | 881                 | -80                      |
| Mount Holyoke to        | 149             | 141               |                       | 130           | 248                                     | 20         | 688          | 608                 | 80                       |
| Smith to                | 69              | 71                | 47                    |               | 150                                     | 29         | 366          | 442                 | -76                      |
| University Undergrad to | 85              | 53                | 19                    | 43            |   | 38         | 238          | 245                 | -7                       |
| University Grad to      | 2               | 4                 | 1                     | 1             |   |            | 8            | 26                  | -18                      |
| <b>TOTAL IN</b>         | <b>488</b>      | <b>293</b>        | <b>256</b>            | <b>447</b>    | <b>790</b>                              | <b>117</b> | <b>2,391</b> | <b>2,351</b>        | <b>40</b>                |

**Second Semester Course Enrollments**

**Spring 2015**

|                         | Amherst College | Hampshire College | Mount Holyoke College | Smith College | University of Massachusetts (less CSWL) | CSWL       | TOTAL OUT    | Spring 2014 Total Out | Change from FY14 to FY15 |
|-------------------------|-----------------|-------------------|-----------------------|---------------|---|------------|--------------|-----------------------|--------------------------|
| Amherst to              |                 | 24                | 41                    | 31            | 184                                     | 25         | 305          | 380                   | -75                      |
| Hampshire to            | 189             |                   | 162                   | 230           | 205                                     | 11         | 797          | 905                   | -108                     |
| Mount Holyoke to        | 157             | 182               |                       | 165           | 310                                     | 38         | 852          | 745                   | 107                      |
| Smith to                | 88              | 108               | 55                    |               | 178                                     | 37         | 466          | 404                   | 62                       |
| University Undergrad to | 107             | 113               | 48                    | 55            |   | 56         | 379          | 350                   | 29                       |
| University Grad to      | 4               | 7                 | 1                     | 2             |   |            | 14           | 12                    | 2                        |
| <b>TOTAL IN</b>         | <b>545</b>      | <b>434</b>        | <b>307</b>            | <b>483</b>    | <b>877</b>                              | <b>167</b> | <b>2,813</b> | <b>2,796</b>          | <b>17</b>                |

**Total Interchange Course Enrollments during 2014-2015: 5,204**

**2014 - 2015 AY Totals**

|                         | AC Totals    | HC Totals  | MHC Totals | SC Totals  | UM Totals    | CSWL Totals | TOTAL OUT    | FY14 Total Out | Change from FY14 to FY15 |
|-------------------------|--------------|------------|------------|------------|--------------|-------------|--------------|----------------|--------------------------|
| Amherst to              |              | 48         | 83         | 78         | 347          | 39          | 595          | 529            | 66                       |
| Hampshire to            | 372          |            | 309        | 456        | 434          | 27          | 1,598        | 1,786          | -188                     |
| Mount Holyoke to        | 306          | 323        |            | 295        | 558          | 58          | 1,540        | 1,353          | 187                      |
| Smith to                | 157          | 179        | 102        |            | 328          | 66          | 832          | 846            | -14                      |
| University Undergrad to | 192          | 166        | 67         | 98         |              | 94          | 617          | 595            | 22                       |
| University Grad to      | 6            | 11         | 2          | 3          |              |             | 22           | 38             | -16                      |
| <b>TOTAL IN</b>         | <b>1,033</b> | <b>727</b> | <b>563</b> | <b>930</b> | <b>1,667</b> | <b>284</b>  | <b>5,204</b> | <b>5,147</b>   | <b>57</b>                |