

***Nonreturning students from the fall 2017 cohort:
Do they subsequently enroll elsewhere in fall 2018?***

UMaine Office of Institutional Research
4 December 2018

This report concerns the 360 members of the fall 2017 cohort of first-time full-time undergraduate students who voluntarily did not return to UMaine in fall 2018.¹ In short, is there evidence these nonreturning students enrolled elsewhere for the fall 2018 semester? We address this question (and others related to it) using the National Student Clearinghouse, a rich repository for student data on enrollment and degree attainment.²

We begin by observing that the Clearinghouse found enrollment records for over half—53%—of these 360 nonreturning students. This figure can be regarded as an estimate of the subsequent enrollment rate for this group—an *estimate* insofar as not all students allow the Clearinghouse to release their enrollment information, and, further, not all schools participate in the Clearinghouse. With that caveat in mind, we see that subsequently enrolling elsewhere is associated with the student’s academic performance while at UMaine (Table 1), with higher performing students more likely to surface in the Clearinghouse.

Table 1. UMaine GPA and subsequent enrollment elsewhere.

1st year cumulative GPA at UMaine	number of nonreturning students	% enrolling elsewhere
<i>A</i> range	36	83%
<i>B</i> range	105	64%
<i>C</i> range	106	57%
<i>D</i> range	57	28%
<i>F</i> range	35	34%
<i>W</i> ^a	21	29%
total	360	53%

^a First-semester withdrawals.

¹ We excluded 134 students who had been suspended and, further, six students who withdrew before fall census and did not subsequently enroll elsewhere.

² Representing over 98% of currently enrolled college students in the United States, more than 3,600 institutions of higher education participate in the Clearinghouse enrollment verification service. (For an informative overview of the Clearinghouse, see pp. 10-13 in the report found at <http://www.acenet.edu/news-room/Documents/College-Graduation-Rates-Behind-the-Numbers.pdf>.) On a related topic, see <https://umaine.edu/oir/wp-content/uploads/sites/205/2018/11/Unrequited-love-Fall-2018.pdf> for our recent analysis of nonmatriculating admitted students who enrolled elsewhere.

Evidence of subsequent enrollment also can be examined within the context of the student's primary major upon leaving UMaine (Table 2).

Table 2. UMaine primary major and subsequent enrollment at another institution.

	major	number of non- returning majors	number enrolling elsewhere	% enrolling elsewhere
EHD	ATR - Athletic Training	10	3	30%
	CHF - Child Development/Family Relations	3	2	67%
	EDE - Elementary Education	8	7	88%
	EDS - Secondary Education	6	3	50%
	KPE - Kinesiology & Physical Education	4	2	50%
	UND - EHD undeclared	2	2	100%
	total	33	19	58%
ENGR	BEN - Bioengineering	1	1	100%
	BMT - Mechanical Engineering Technology	4	3	75%
	BST - Surveying Engineering Technology	1	0	0%
	CEN - Computer Engineering	4	1	25%
	CHE - Chemical Engineering	6	1	17%
	CIE - Civil Engineering	2	2	100%
	CTE - Construction Technology Engineering	4	3	75%
	ELE - Electrical Engineering	1	1	100%
	MEE - Mechanical Engineering	8	5	63%
	UND - ENGR undeclared	2	1	50%
total	33	18	55%	
LAS	AED - Art Education	1	1	100%
	ANT - Anthropology	6	3	50%
	BME - Music Education	1	0	0%
	CHY - Chemistry	4	2	50%
	COM - Communication	5	4	80%
	COS - Computer Science	11	7	64%
	ENG - English	2	2	100%
	EPS - Engineering Physics	1	0	0%
	FRE - French	1	0	0%
	HTY - History	2	1	50%
	IAO - International Affairs	1	0	0%
	JOU - Journalism	2	1	50%
	MAT - Mathematics	2	1	50%
	MDS - Media Studies	1	1	100%
	MUS - Music	1	0	0%
	NMD - New Media	4	0	0%
	PHI - Philosophy	2	1	50%
	PHY - Physics	2	2	100%
	POS - Political Science	7	4	57%
	PSY - Psychology	15	5	33%
	SOC - Sociology	3	3	100%
	SPA - Spanish	1	0	0%
	STA - Studio Art	2	0	0%
	THE - Theater	2	0	0%
UND - LAS undeclared	19	7	37%	
total	98	45	46%	

(continues)

Table 2 (continued).

	major	number of non- returning majors	number enrolling elsewhere	% enrolling elsewhere
MBS	ACCT - Accounting	4	2	50%
	BUA - Business Administration	12	7	58%
	FIN - Finance	2	2	100%
	MGT - Management	7	3	43%
	MKT - Marketing	4	3	75%
	BUX - Pre-Business	19	9	47%
	total	48	26	54%
NSFA	ANV - Animal & Veterinarian Sciences	7	5	71%
	BCH - Biochemistry	5	3	60%
	BIO - Biology	12	8	67%
	BOT - Botany	2	0	0%
	CSD - Communication Sciences & Disorders	1	1	100%
	ECO - Economics	3	1	33%
	EES - Ecology & Environmental Sciences	3	1	33%
	ERS - Earth Sciences	1	0	0%
	FSN - Food Science & Human Nutrition	4	2	50%
	FTY - Forestry	1	0	0%
	MAS - Marine Science	5	2	40%
	MLB - Molecular & Cellular Biology	1	1	100%
	MLS - Medical Laboratory Sciences	2	0	0%
	NUR - Nursing	13	10	77%
	PRT - Parks, Recreation, & Tourism	1	0	0%
	SAG - Sustainable Agriculture	1	1	100%
	WLE - Wildlife Ecology	2	2	100%
	ZOL - Zoology	3	3	100%
UND - NSFA undeclared	1	0	0%	
total	68	40	60%	
Explorations	EGX - Pre-Engineering Explorations	25	14	56%
	UNX - Explorations	55	28	51%
	total	80	42	53%
UMaine total		360	190	53%

For nonreturning students who enrolled elsewhere, Table 3 shows whether they stayed in Maine or went out of state, and whether they headed to a two-year or a four-year school. Not surprisingly, it is illuminating to examine this separately for Maine residents and nonresidents.

Regarding location, the vast majority (81%) of Maine residents remained in the state for their continuing education. In contrast, all but three nonresidents left Maine—85% of whom returning to their home state. The majority of both groups enrolled at a four-year school.

Table 3. Residency of nonreturning students and the location and type of school where they subsequently enrolled.

		nonresidents (<i>n</i> = 108)		Maine residents (<i>n</i> = 82)	
		<i>n</i>	%	<i>n</i>	%
location	out of state	105 ^a	97.2%	16	19.5%
	Maine	3	2.8%	66	80.5%
type of school	2-year	41	38.0%	23	28.0%
	4-year	67	62.0%	59	72.0%

^a92 of these 105 nonresidents, or 85%, returned to their home state.

We cannot easily summarize the 59 destination schools for nonresidents beyond what we convey in Table 3. That said, half of these nonresidents enrolled at one of 13 schools:

- University of Massachusetts – Lowell (*n* = 7, 6.5%)
- Middlesex Community College (MA) (*n* = 6, 5.6%)
- North Shore Community College (MA) (*n* = 5, 4.6%)
- University of Massachusetts – Amherst (*n* = 5, 4.6%)
- University of New Hampshire – Durham (*n* = 5, 4.6%)
- Bridgewater State University (MA) (*n* = 4, 3.7%)
- Westfield State University (MA) (*n* = 4, 3.7%)
- Bristol Community College (MA) (*n* = 3, 2.8%)
- Eastern Maine Community College (*n* = 3, 2.8%)
- Southern Connecticut State University (*n* = 3, 2.8%)
- Tunxis Community College (CT) (*n* = 3, 2.8%)
- University of Massachusetts – Boston (*n* = 3, 2.8%)
- University of Rhode Island (*n* = 3, 2.8%)

The majority of the remaining 46 schools for nonresidents had one student each.

In contrast, half the 82 Maine residents subsequently enrolled at one of four schools:

- University of Southern Maine (n = 15, 18.3%)
- Husson University (n = 10, 12.2%)
- Eastern Maine Community College (n = 9, 11.0%)
- University of Maine at Augusta (n = 7, 8.5%)

An additional 24% of Maine residents enrolled at one of these six schools:

- Central Maine Community College (n = 5, 6.1%)
- Southern Maine Community College (n = 4, 4.9%)
- University of Maine at Presque Isle (n = 4, 4.9%)
- Kennebec Valley Community College (n = 3, 3.7%)
- University of Maine at Farmington (n = 2, 2.4%)
- University of New England (n = 2, 2.4%)

The remaining 21 Maine residents were spread equally across 21 schools.

Just as the majority of nonresidents returned to their home state to continue their education, many nonreturning Maine residents chose a school closer to home (Table 4). For example, 15 of the 19 Maine residents who subsequently enrolled at University of Southern Maine or Southern Maine Community College herald from either York or Cumberland county; the remaining four are from Androscoggin, Kennebec, or Sagadahoc county.

Table 4. Home county of nonreturning Maine residents and their top seven destination schools.^a

home county	destination school						
	USM	Husson	EMCC	UMA	CMCC	SMCC	UMPI
Androscoggin	2	0	0	0	4	0	0
Aroostook	0	0	1	0	0	0	2
Cumberland	6	2	2	1	0	3	0
Hancock	0	1	1	0	0	0	0
Kennebec	1	1	0	1	0	0	0
Lincoln	0	0	0	1	0	0	0
Oxford	0	1	0	0	1	0	0
Penobscot	0	4	2	2	0	0	0
Piscataquis	0	0	2	1	0	0	0
Sagadahoc	1	0	0	0	0	0	0
Somerset	0	0	0	0	0	0	1
Waldo	0	1	0	1	0	0	1
Washington	0	0	1	0	0	0	0
York	5	0	0	0	0	1	0
total	15	10	9	7	5	4	4

^aThese seven schools capture 70% of the 82 nonreturning Maine residents who subsequently enrolled elsewhere in fall 2017.

In Table 5, we see that where nonreturning Maine residents subsequently enrolled is somewhat associated with their cumulative GPA upon leaving UMaine. For example, GPAs are higher on average for enrollees at a sister UMS school compared with enrollees at a Maine community college.

Table 5. Maine residents: Destination school and cumulative GPA upon leaving UMaine.

	cumulative GPA		
	<i>n</i>	mean	SD
a UMS school	27	2.45	.82
a Maine community college	21	2.09	.95
any other Maine school ^a	15	3.08	.62
an out-of-state school	16	2.95	.76
total	79 ^b	2.57	.89

^a Husson University ($n = 10$), University of New England ($n = 2$), Saint Joseph's College ($n = 1$), Maine Maritime Academy ($n = 1$), and Unity College ($n = 1$).

^b Due to fall withdrawals, three students did not have a cumulative GPA who otherwise would have been represented here.

We close with Table 6, which shows the destination schools for all 82 nonreturning Maine residents, disaggregated by UMaine major. (More detailed information is available upon request.)

Table 6. Maine residents: Destination school and the major upon leaving UMaine.

		total majors	USM	Husson	EMCC	UMA	CMCC	UMPI	SMCC	KVCC	UMF	UNE	other Maine school	out of state school
EHD	ATR	2	0	0	1	0	0	0	0	0	0	0	1	0
	CHF	1	0	1	0	0	0	0	0	0	0	0	0	0
	EDE	3	0	0	0	1	0	0	0	1	0	0	0	1
	EDS	2	0	0	0	0	1	0	1	0	0	0	0	0
	KPE	2	0	2	0	0	0	0	0	0	0	0	0	0
	total	10	0	3	1	1	1	0	1	1	1	0	0	1
ENGR	BMT	1	0	0	1	0	0	0	0	0	0	0	0	0
	CHE	1	1	0	0	0	0	0	0	0	0	0	0	0
	CIE	1	1	0	0	0	0	0	0	0	0	0	0	0
	CTE	1	0	0	0	0	0	0	0	0	0	0	0	1
	ELE	1	1	0	0	0	0	0	0	0	0	0	0	0
	MEE	3	1	0	1	1	0	0	0	0	0	0	0	0
	UNG	1	0	0	0	1	0	0	0	0	0	0	0	0
	total	9	4	0	2	2	0	0	0	0	0	0	0	0
LAS	AED	1	0	0	0	0	0	0	0	0	0	0	0	1
	COS	5	2	1	1	0	0	0	0	0	0	0	1	0
	HTY	1	0	0	0	0	0	0	0	0	0	0	0	1
	MAT	1	0	0	0	0	0	0	0	0	1	0	0	0
	MDS	1	0	0	0	0	1	0	0	0	0	0	0	0
	PHY	1	1	0	0	0	0	0	0	0	0	0	0	0
	POS	3	0	0	0	0	0	0	0	0	0	0	1	2
	PSY	2	0	0	0	0	0	1	0	0	0	0	0	1
	UND	4	0	0	1	0	0	0	0	0	0	0	1	2
	total	19	3	1	2	0	1	1	0	0	1	0	3	7
MBS	BUA	4	2	0	0	1	0	0	1	0	0	0	0	0
	BUX	5	1	1	1	0	1	0	0	0	0	0	0	1
	MGT	2	2	0	0	0	0	0	0	0	0	0	0	0
	MKT	2	1	0	0	0	0	0	0	0	0	0	0	1
	total	13	6	1	1	1	1	0	1	0	0	0	0	2

(continues)

Table 6 (continued).

		total majors	USM	Husson	EMCC	UMA	CMCC	UMPI	SMCC	KVCC	UMF	UNE	other Maine school	out of state school
NSFA	ANV	3	0	0	0	2	0	0	0	0	0	1	0	0
	BCH	2	0	0	0	0	0	1	0	1	0	0	0	0
	BIO	3	1	1	0	0	0	0	0	0	0	0	0	1
	CSD	1	0	0	1	0	0	0	0	0	0	0	0	0
	FSN	2	0	1	0	0	0	0	0	0	0	0	1	0
	NUR	3	0	0	0	1	0	1	0	0	0	1	0	0
	total	14	1	2	1	3	0	2	0	1	1	0	2	1
Expl.	EGX	7	1	1	1	0	0	0	0	1	1	0	0	2
	UNX	10	0	2	1	0	2	1	2	0	0	0	0	2
	total	17	1	3	2	0	2	1	2	1	1	0	0	4
All Maine residents		82	15	10	9	7	5	4	4	3	2	2	5	16