Attrition Attribute Analysis, Fall 2017 Cohort

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The purpose of this report was to identify the student attributes from the Fall 2017 cohort of new students that did not return for the Fall 2018 semester.

Results

In Fall 2017, there were 3,422 new students. Table 1 depicts a breakdown of the one-year attrition rates for various categories of students. The groups that had the highest attrition rates included part-time students and transfer freshmen students.

Table 1: *Fall 2017 Cohort of New Students*

Category	*N*	Attrited	%Attrition
All New Students	3422	883	26%
First-Year Freshmen	1889	462	24%
Transfer*	1541	421	27%
Transfer Freshmen	348	116	33%
Transfer Sophomore	629	158	25%
Transfer Upper Division*	564	147	26%
Full-Time	2978	705	24%
Part-Time	444	178	40%
FTFT Freshmen	1799	426	24%
FT Transfer*	1179	279	24%

*Does not take into account students that complete within one year

Limited data were available to determine the reasons why students departed. Of the 883 students that departed, only 146 students had withdrawal reasons documented. The most common withdrawal reason code was *voluntary withdrawal* for first-time freshmen (56) and transfer (65) students. Other withdrawal reasons included: *transferring out* (9), *medical/health* (6), *financial* (3), and *self-withdrawal due to difficulty with studies* (7). 24 students that had a withdrawal reason also had an *academic alert* status for their academic standing. Four students has a *Dean's List* status for their academic standing; one departed for medical reasons and 3 were voluntary withdrawals.

FTFT Freshmen. Tables 2-5 depict the one-year and fall-spring attrition rates for first-time full-time freshmen by various categories of students.

Table 2: *Fall 2017 Cohort-FTFT Freshmen*

Category	*N*	One-Year		Fall-Spring	
		Attrited	%Attrition	Attrited	%Attrition
All FTFT Freshmen	1799	426	24%	148	8%
Tuition Residency					
In-State	1530	362	24%	125	8%
Out-of-State Domestic	110	38	35%	15	14%
International	159	26	16%	8	5%
Gender					
Male	836	225	27%	73	9%
Female	962	201	21%	75	8%
Race/ethnicity					
WH	542	132	24%	42	8%
AFRAM	272	56	21%	19	7%
HISPLAT	356	105	29%	45	13%
ASIAN	291	57	20%	13	4%
NONRES	183	32	17%	10	5%
Boston Public HS					
BPS	353	83	24%	30	8%
Financial Aid Status					
PELL	874	204	23%	64	7%
FirstGen	648	172	27%	61	9%
Not FirstGen	818	181	22%	59	7%
Unk FirstGen	333	73	22%	28	8%

Table 3: *Fall 2017 Cohort-FTFT Freshmen (N = 1,799, 24% Attrition Rate)*

Category	*N*	One-Year		Fall-Spring*	
		Attrited	%Attrition	Attrited	%Attrition
College					
CAPSU	1	0	0%	0	0%
CEHD-U	22	2	9%	0	0%
CLA-U	692	156	23%	62	9%

CM-U	195	55	28%	17	9%
CNHS-U	188	28	15%	7	4%
CSM-U	660	175	27%	59	9%
SFE-U	41	10	24%	3	7%
Major					
BIOL-BS	263	63	24%	24	9%
CS-BS	118	26	22%	8	7%
MGT-BS	185	54	29%	17	9%
NURS-BS	139	20	14%	4	3%
UNDEC-LA	208	52	25%	16	8%
UNDEC-CSM	99	27	27%	8	8%
PSYCH-BS/BA	116	26	22%	13	11%
CRMJUST-BA	66	11	17%	9	14%
BIOCHEM-BS	49	17	35%	5	10%
EHS-BS	49	8	16%	3	6%
POLSCI-BA	48	13	27%	2	4%
ECON-BA	47	7	15%	2	4%

*13 students were stop-outs in Spr18 but returned in Fall 2018

Table 4: *Fall 2017 Cohort-FTFT Freshmen (N = 1,799, 24% Attrition Rate)*

	Attrited	Retained
HS GPA	3.18	3.31
SAT	1065	1052
SAT - Math	538	534
SAT - Verbal	526	519
Aleks	60	63

Table 5: *Fall 2017 Cohort-FTFT Freshmen*

		One-Year		Fall-Spring*	
Category	N	Attrited	%Attrition	Attrited	%Attrition
*Credit Ratio**					
0	114	77	68%	57	50%
>0 =< .5	164	69	42%	25	15%
>.5=<1.0	525	138	26%	39	7%
1.0 +	996	142	14%	27	3%
	1799	**426**	**24%**	**148**	**8%**

*Credit ratio is earned credits divided by taken credits during the first semester

Table 6: *Fall 2017 Cohort-FTFT Freshmen*

		One-Year		Fall-Spring*	
Category	N	Attrited	%Attrition	Attrited	%Attrition

First Semester GPA					
0	120	79	66%	58	48%
<2.0	258	105	41%	35	14%
2.0<3.0	500	98	20%	20	4%
3.0<3.5	434	81	19%	20	5%
3.5+	487	63	13%	15	3%
	1799	**426**	**24%**	**148**	**8%**

Full-Time Transfer Students.

Table 7: *Fall 2017 Cohort-Full-Time Transfer (N = 1,179, 24% Attrition Rate)*

Category	*N*	Attrited	%Attrition
Tuition Residency			
In-State	1055	255	24%
Out-of-State Domestic	61	15	25%
International	63	9	14%
Gender			
Male	586	140	24%
Female	591	139	24%
Race/ethnicity			
WH	465	129	28%
AFRAM	225	40	18%
HISPLAT	191	47	25%
ASIAN	115	30	26%
NONRES	78	12	15%
Boston Public HS			
BPS	131	26	20%
Financial Aid Status			
PELL	534	119	22%
FirstGen	405	91	22%
Not FirstGen	454	112	25%
Unk FirstGen	320	76	24%

Table 8: *Fall 2017 Cohort-Full-Time Transfer (N = 1,179, 24% Attrition Rate)*

Category	*N*	Attrited	%Attrition
College			
CAPSU	5	1	20%
CEHD-U	16	3	19%
CLA-U	491	120	24%
CM-U	173	37	21%
CNHS-U	159	25	16%

CSM-U	284	61	21%
SFE-U	27	8	30%
Major			
BIOL-BS	108	20	19%
CS-BS	60	8	13%
MGT-BS	151	33	22%
NURS-BS	53	3	6%
UNDEC-LA	101	28	28%
UNDEC-CSM	34	9	26%
PSYCH-BS/BA	88	22	25%
CRMJUST-BA	58	17	29%
BIOCHEM-BS	12	4	33%
EHS-BS	101	19	19%
POLSCI-BA	27	4	15%
ECON-BA	23	4	17%

Part-Time Students.

Table 9: *all 2017 Cohort-Part-Time (N = 444, 40% Attrition Rate)*

Category	N	Attrited	%Attrition
Tuition Residency			
In-State	363	148	41%
Out-of-State Domestic	26	15	58%
International	55	15	27%
Gender			
Male	216	93	43%
Female	227	84	37%
Race/ethnicity			
WH	148	61	41%
AFRAM	106	45	42%
HISPLAT	53	22	42%
ASIAN	35	14	40%
NONRES	66	18	27%
Boston Public HS			
BPS	37	19	51%

Financial Aid Status			
PELL	139	53	38%
FirstGen	118	50	42%
Not FirstGen	126	52	41%
Unk FirstGen	200	76	38%

Table 10: *Fall 2017 Cohort-Part-Time (N = 444, 40% Attrition Rate)*

				Fall-Spring*	
Category	*N*	Attrited	%Attrition	Attrited	%Attrition
College					
CAPSU	6	3	50%	3	50%
CEHD-U	13	6	46%	4	31%
CLA-U	133	56	42%	36	27%
CM-U	65	19	29%	13	20%
CNHS-U	94	27	29%	21	22%
CSM-U	128	65	51%	43	34%
SFE-U	5	2	40%	1	20%
Total	444	178	40%	121	27%
Major					
BIOL-BS	39	20	51%	15	38%
CS-BS	30	12	40%	9	30%
MGT-BS	58	17	29%	12	21%
NURS-BS	29	2	7%	1	3%
BSN-RN-BS	50	18	36%	16	32%
UNDEC-LA	23	9	39%	8	35%
UNDEC-CSM	19	10	53%	4	21%
PSYCH-BS/BA	11	4	36%	3	27%
CRMJUST-BA	16	10	63%	4	25%
BIOCHEM-BS	11	7	64%	5	45%
EHS-BS	15	7	47%	4	27%
POLSCI-BA	3	1	33%	0	0%
ECON-BA	12	4	33%	3	25%

*22 students were stop-outs in Spr18 but returned in Fall 2018