



Las Positas College
Program Review Discipline Data Packet
Fall 2013 to Fall 2017

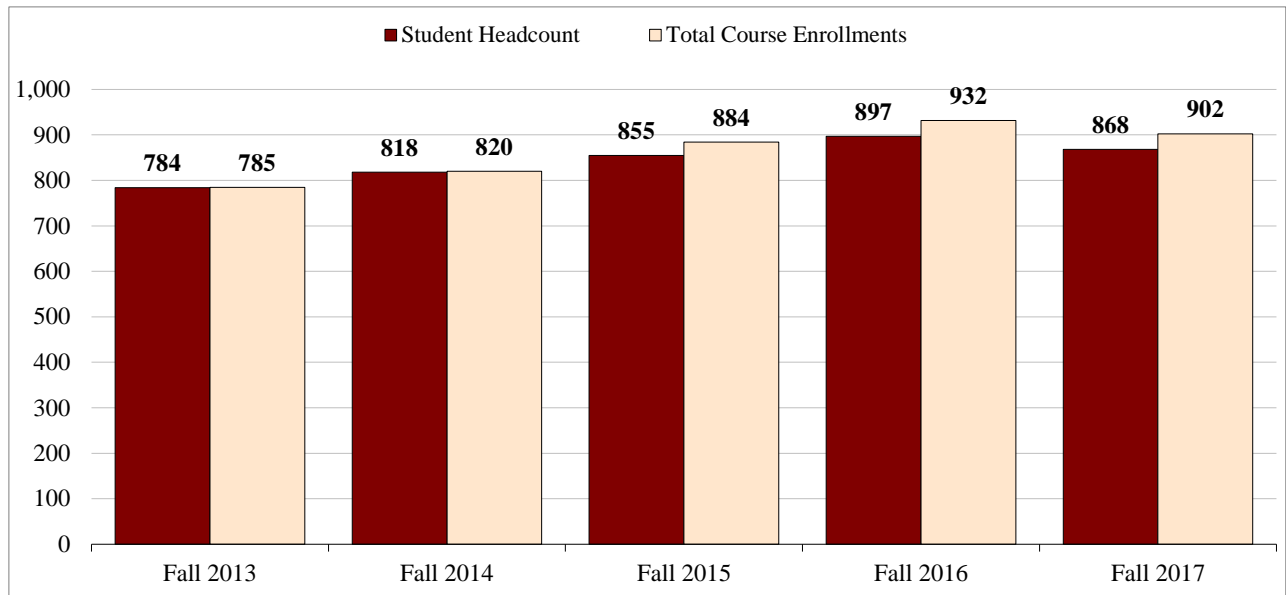
Discipline:

Biology (BIO*)

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Headcount & Enrollment

Biology (BIO*)					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Student Headcount	784	818	855	897	868
Total Course Enrollments	785	820	884	932	902



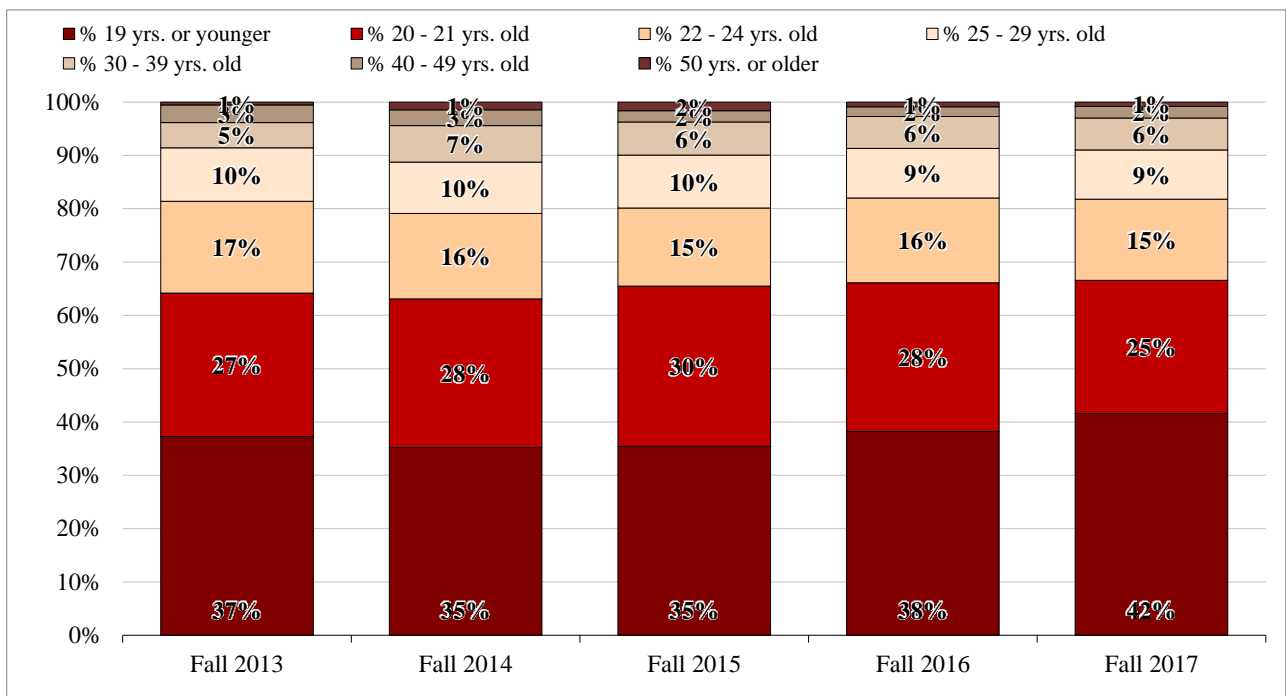
Definitions:

Student Headcount is the unduplicated count of students enrolled in all courses within the discipline.

Total Course Enrollments is the sum of all course enrollments (filled seats) within the discipline.

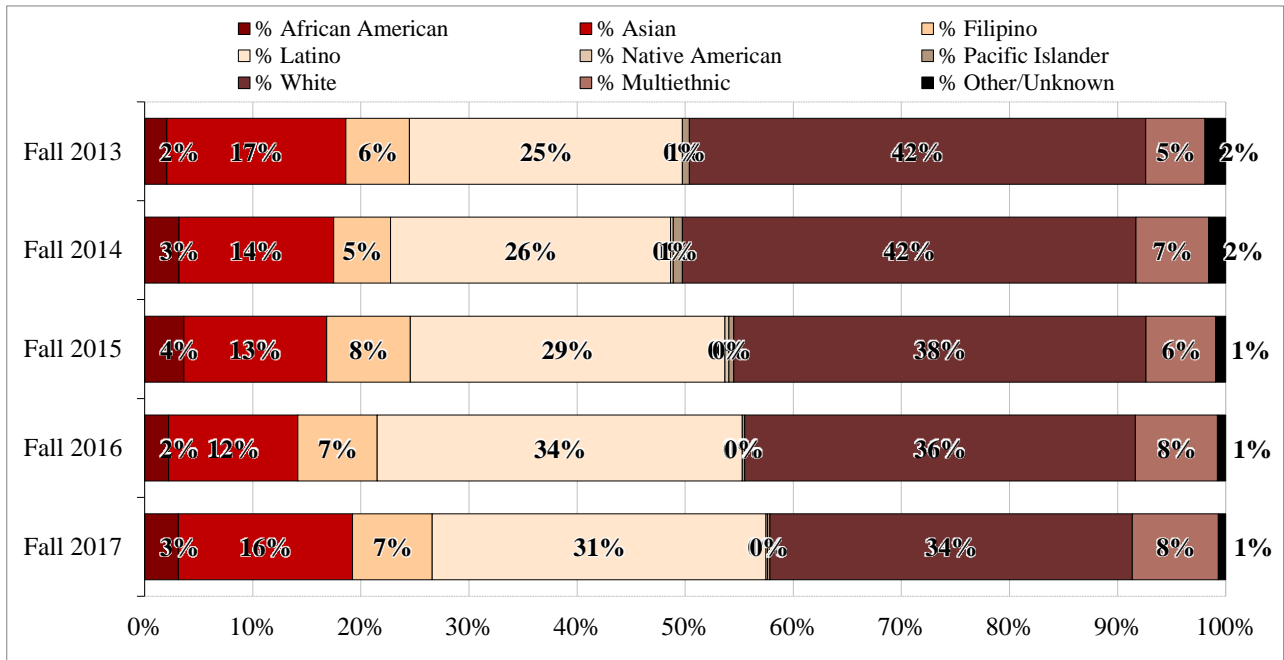
Student Demographics: Gender & Age

Biology (BIO*)					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Female	469	502	533	517	535
Male	310	310	312	373	321
19 yrs. or younger	292	288	303	343	361
20-21 yrs. old	211	228	257	250	217
22-24 yrs. old	135	131	125	143	132
25-29 yrs. old	79	79	85	83	80
30-39 yrs. old	37	56	53	54	52
40-49 yrs. old	26	24	18	16	19
50 yrs. or older	4	12	14	8	7
% Female	60%	62%	63%	58%	63%
% Male	40%	38%	37%	42%	38%
% 19 yrs. or younger	37%	35%	35%	38%	42%
% 20 - 21 yrs. old	27%	28%	30%	28%	25%
% 22 - 24 yrs. old	17%	16%	15%	16%	15%
% 25 - 29 yrs. old	10%	10%	10%	9%	9%
% 30 - 39 yrs. old	5%	7%	6%	6%	6%
% 40 - 49 yrs. old	3%	3%	2%	2%	2%
% 50 yrs. or older	1%	1%	2%	1%	1%



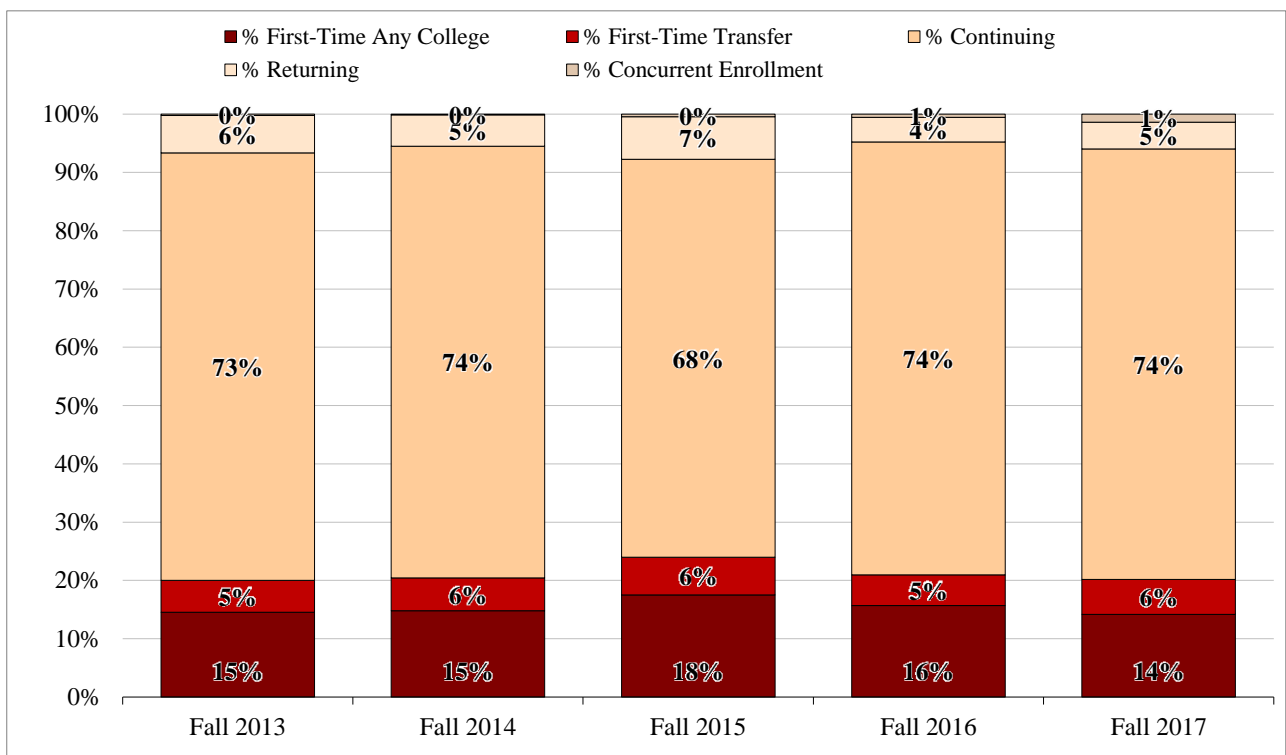
Student Demographic: Race-Ethnicity

	Biology (BIO*)				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
African American	16	26	31	20	27
Asian	130	117	113	107	140
Filipino	46	43	66	66	64
Latino	198	212	249	303	268
Native American	0	2	3	0	1
Pacific Islander	5	7	4	2	2
White	331	343	326	324	291
Multiethnic	43	55	55	68	69
Other/Unknown	15	13	8	7	6
% African American	2%	3%	4%	2%	3%
% Asian	17%	14%	13%	12%	16%
% Filipino	6%	5%	8%	7%	7%
% Latino	25%	26%	29%	34%	31%
% Native American	0%	<1%	<1%	0%	<1%
% Pacific Islander	1%	1%	<1%	<1%	<1%
% White	42%	42%	38%	36%	34%
% Multiethnic	5%	7%	6%	8%	8%
% Other/Unknown	2%	2%	1%	1%	1%



Student Enrollment Status

	Biology (BIO*)				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
First-Time Any College	114	121	150	141	123
First-Time Transfer	43	46	55	47	52
Continuing	575	606	584	666	641
Returning	50	44	62	38	40
Concurrent Enrollment	2	1	4	5	12
% First-Time Any College	15%	15%	18%	16%	14%
% First-Time Transfer	5%	6%	6%	5%	6%
% Continuing	73%	74%	68%	74%	74%
% Returning	6%	5%	7%	4%	5%
% Concurrent Enrollment	<1%	<1%	<1%	1%	1%



Definitions:

First-Time Any College: Students enrolled in college for the first time.

First-Time Transfer: Students transferring to LPC in the current semester from another community college or university.

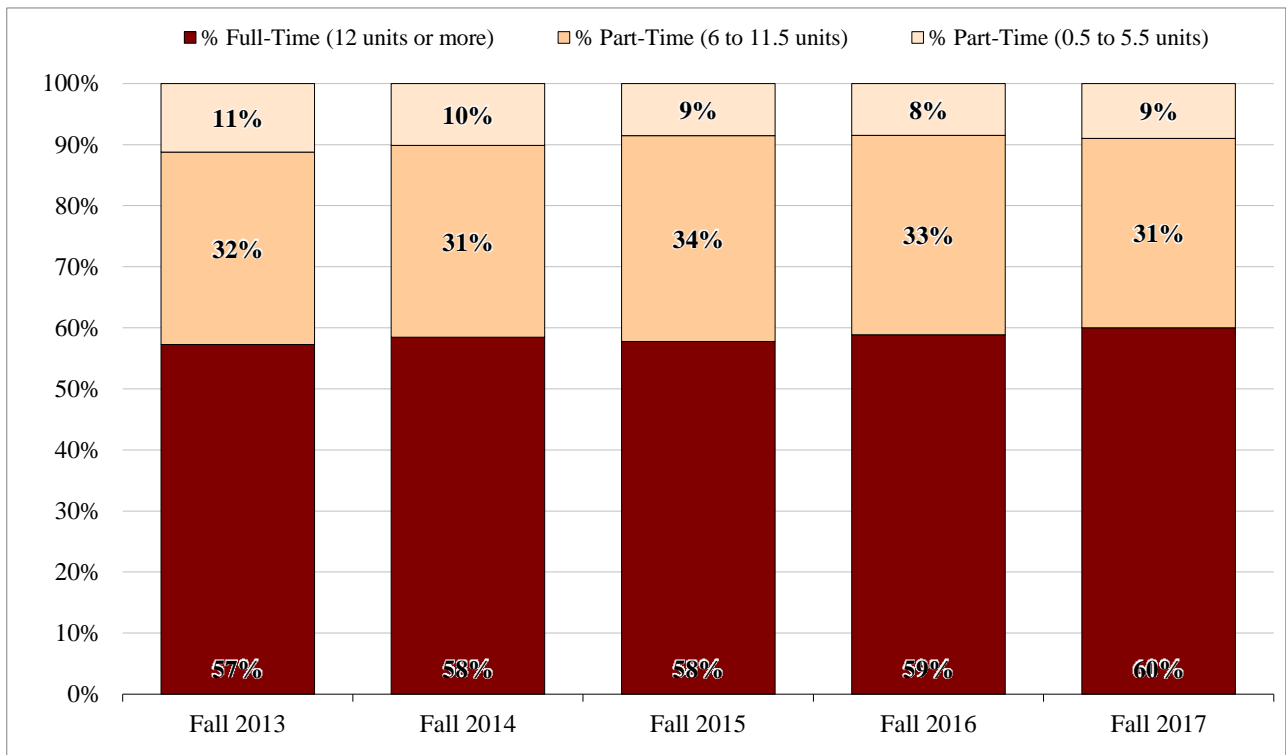
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

Returning: Students enrolled at LPC after an absence of one or more primary terms from the District.

Concurrent Enrollment: A special admit student currently enrolled in K-12.

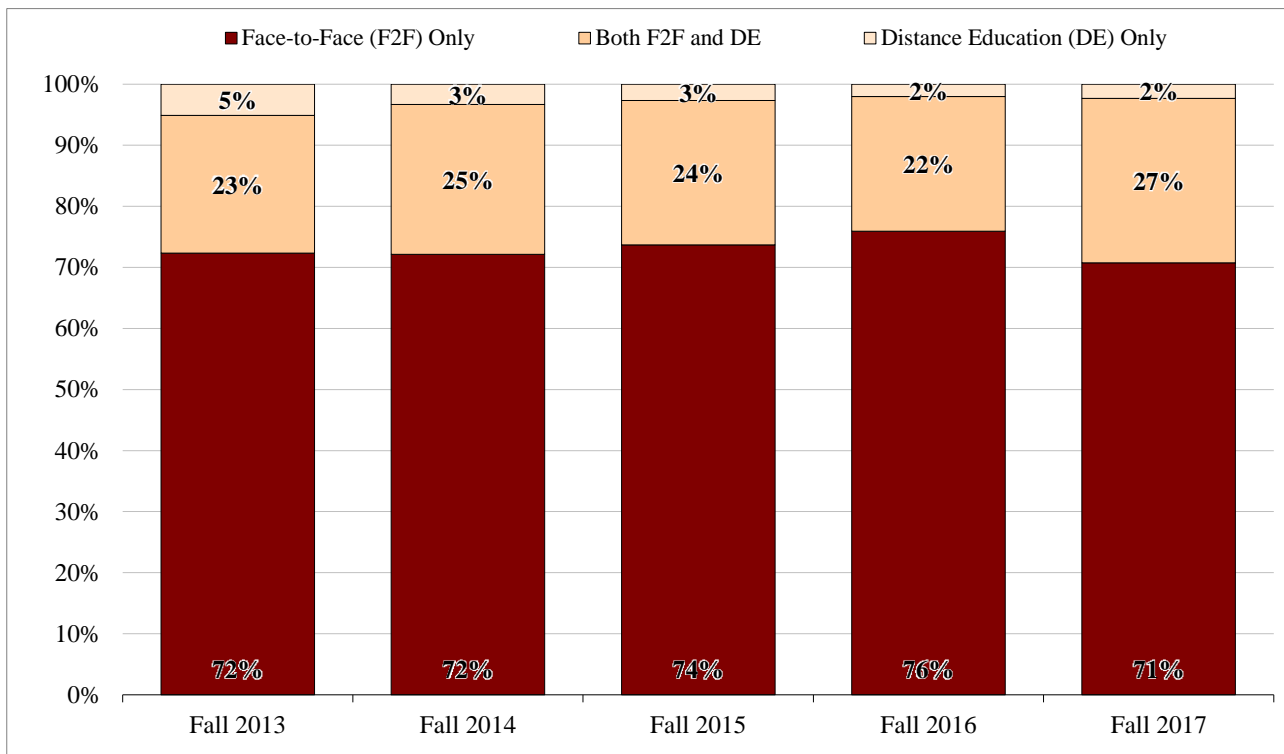
Student Unit Load

Biology (BIO*)					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Full-Time (12 units or more)	449	478	494	528	521
Part-Time (6 to 11.5 units)	247	257	288	293	269
Part-Time (0.5 to 5.5 units)	88	83	73	76	78
% Full-Time (12 units or more)	57%	58%	58%	59%	60%
% Part-Time (6 to 11.5 units)	32%	31%	34%	33%	31%
% Part-Time (0.5 to 5.5 units)	11%	10%	9%	8%	9%



Students Using Distance Education

Biology (BIO*)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Face-to-Face (F2F) Only	567	590	630	681	614
Both F2F and DE	177	201	202	198	234
Distance Education (DE) Only	40	27	23	18	20
% Face-to-Face (F2F) Only	72%	72%	74%	76%	71%
% Both F2F and DE	23%	25%	24%	22%	27%
% Distance Education (DE) Only	5%	3%	3%	2%	2%

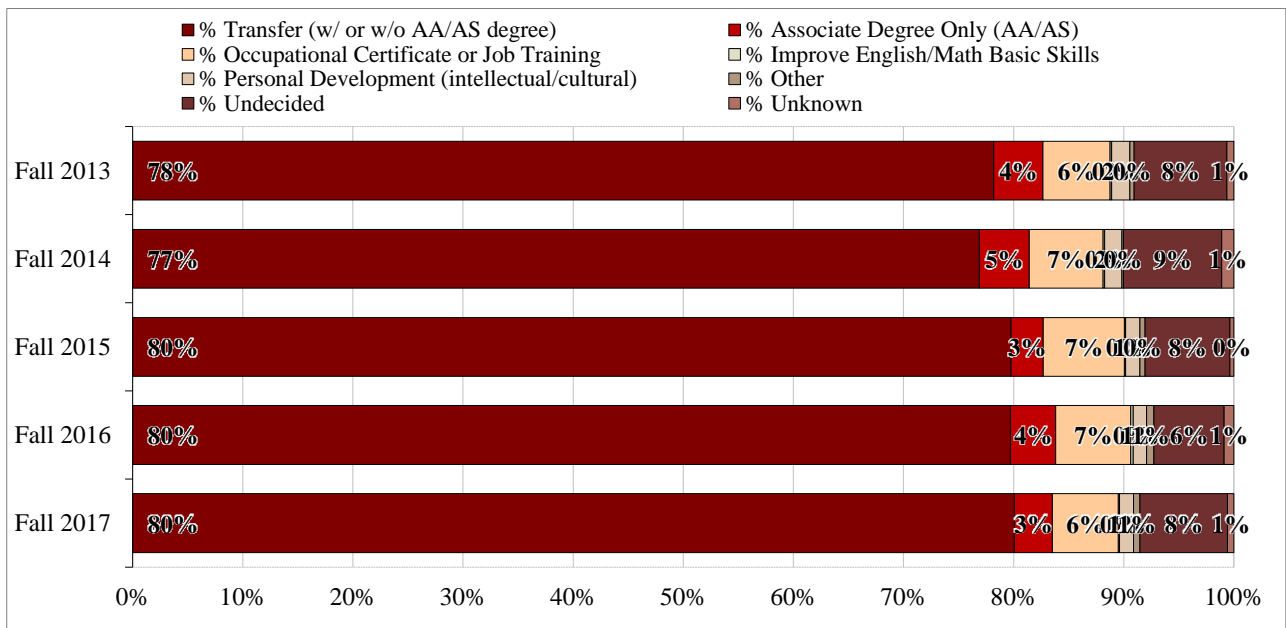


Definitions:

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

Student Educational Goal

	Biology (BIO*)				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Transfer (w/ or w/o AA/AS degree)	613	629	682	715	695
Associate Degree Only (AA/AS)	35	37	25	37	30
Occupational Certificate or Job Training	48	55	63	61	52
Improve English/Math Basic Skills	1	1	1	2	1
Personal Development (intellectual/cultural)	13	13	11	11	11
Other	3	1	4	6	5
Undecided	66	73	66	57	69
Unknown	5	9	3	8	5
% Transfer (w/ or w/o AA/AS degree)	78%	77%	80%	80%	80%
% Associate Degree Only (AA/AS)	4%	5%	3%	4%	3%
% Occupational Certificate or Job Training	6%	7%	7%	7%	6%
% Improve English/Math Basic Skills	<1%	<1%	<1%	<1%	<1%
% Personal Development (intellectual/cultural)	2%	2%	1%	1%	1%
% Other	<1%	<1%	<1%	1%	1%
% Undecided	8%	9%	8%	6%	8%
% Unknown	1%	1%	<1%	1%	1%

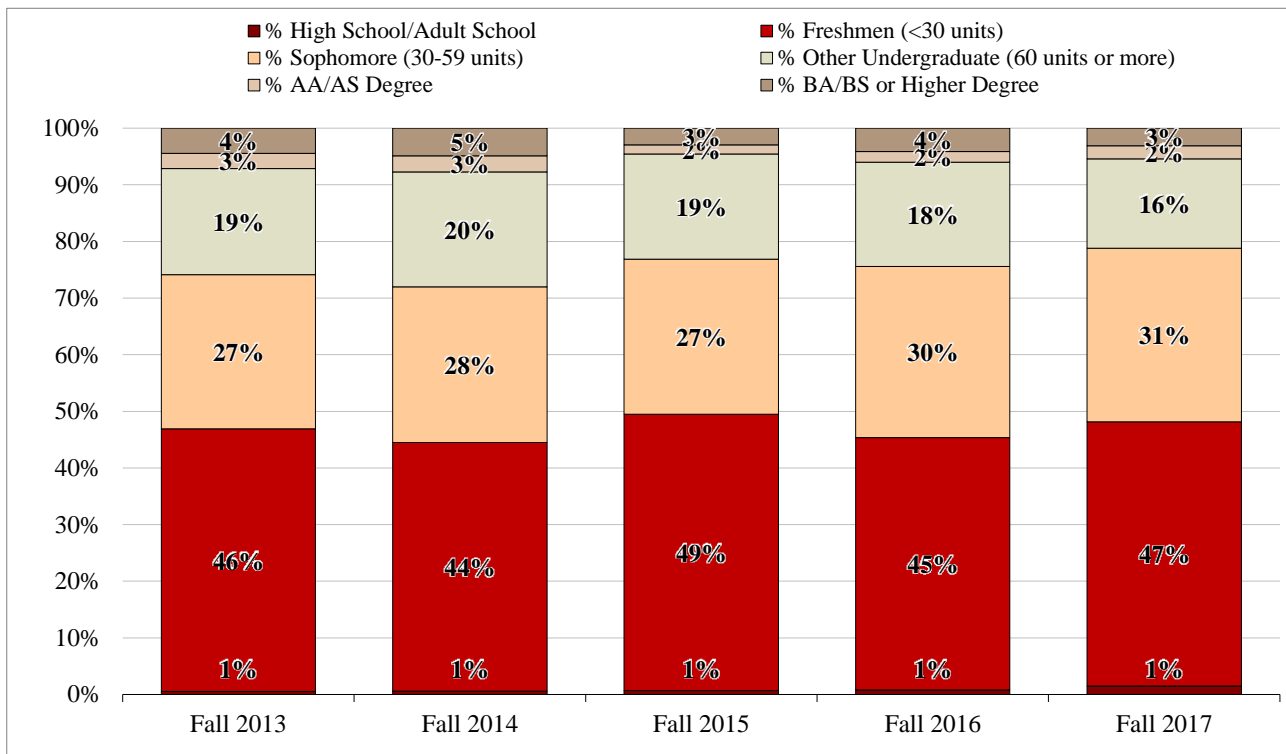


Definitions:

- Transfer:** Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.
- Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.
- Personal Development:** Students taking courses for intellectual and/or cultural development.
- Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.

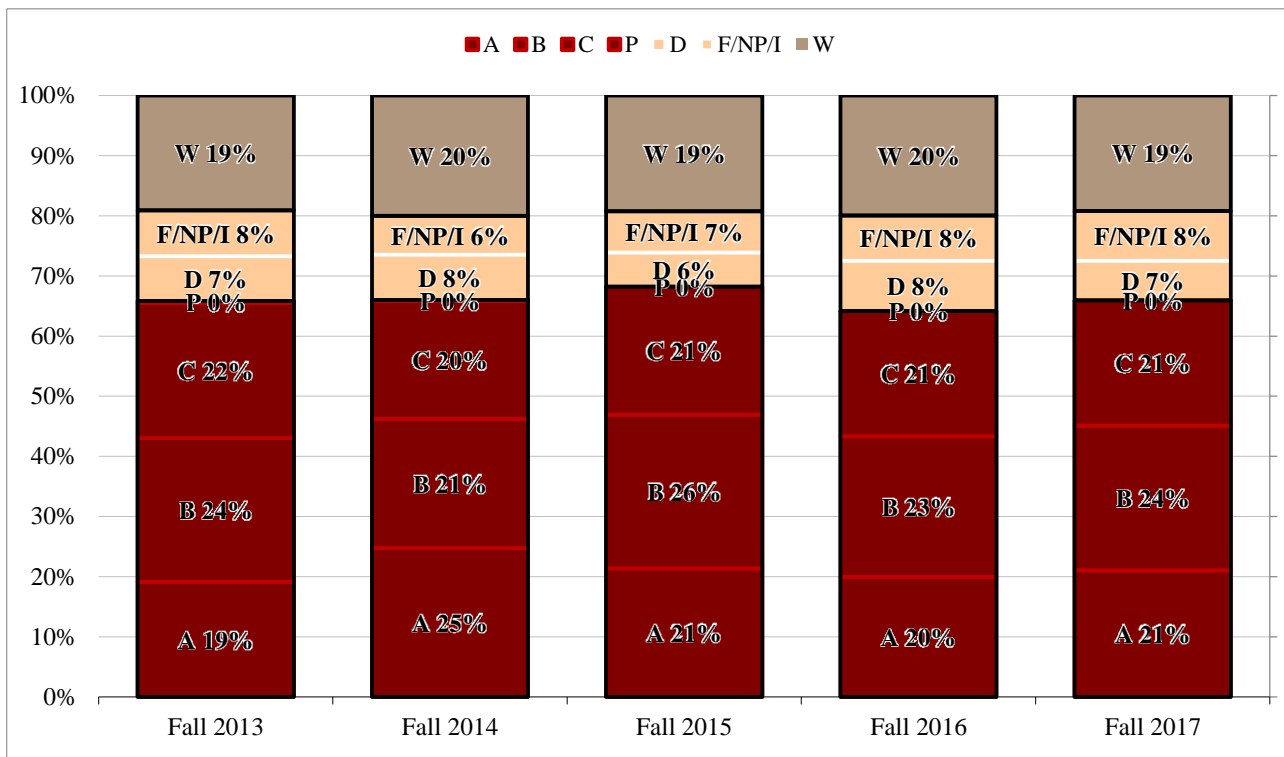
Highest Educational Level of Students

Biology (BIO*)					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
High School/Adult School	4	5	6	7	13
Freshmen (<30 units)	364	359	417	400	405
Sophomore (30-59 units)	213	225	234	271	266
Other Undergraduate (60 units or more)	147	166	159	165	137
AA/AS Degree	21	23	14	17	20
BA/BS or Higher Degree	35	40	25	37	27
% High School/Adult School	1%	1%	1%	1%	1%
% Freshmen (<30 units)	46%	44%	49%	45%	47%
% Sophomore (30-59 units)	27%	28%	27%	30%	31%
% Other Undergraduate (60 units or more)	19%	20%	19%	18%	16%
% AA/AS Degree	3%	3%	2%	2%	2%
% BA/BS or Higher Degree	4%	5%	3%	4%	3%



Student Performance: Grade Distribution

Biology (BIO*)					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Total Course Enrollments	785	820	884	932	902
Course Success Rates	66%	66%	68%	64%	66%
A	19%	25%	21%	20%	21%
B	24%	21%	26%	23%	24%
C	22%	20%	21%	21%	21%
P	<1%	<1%	0%	0%	0%
Course Non-Success Rate	15%	14%	13%	16%	15%
D	7%	8%	6%	8%	7%
F/NP/I	8%	6%	7%	8%	8%
Withdrawals (W)	19%	20%	19%	20%	19%



Definitions:

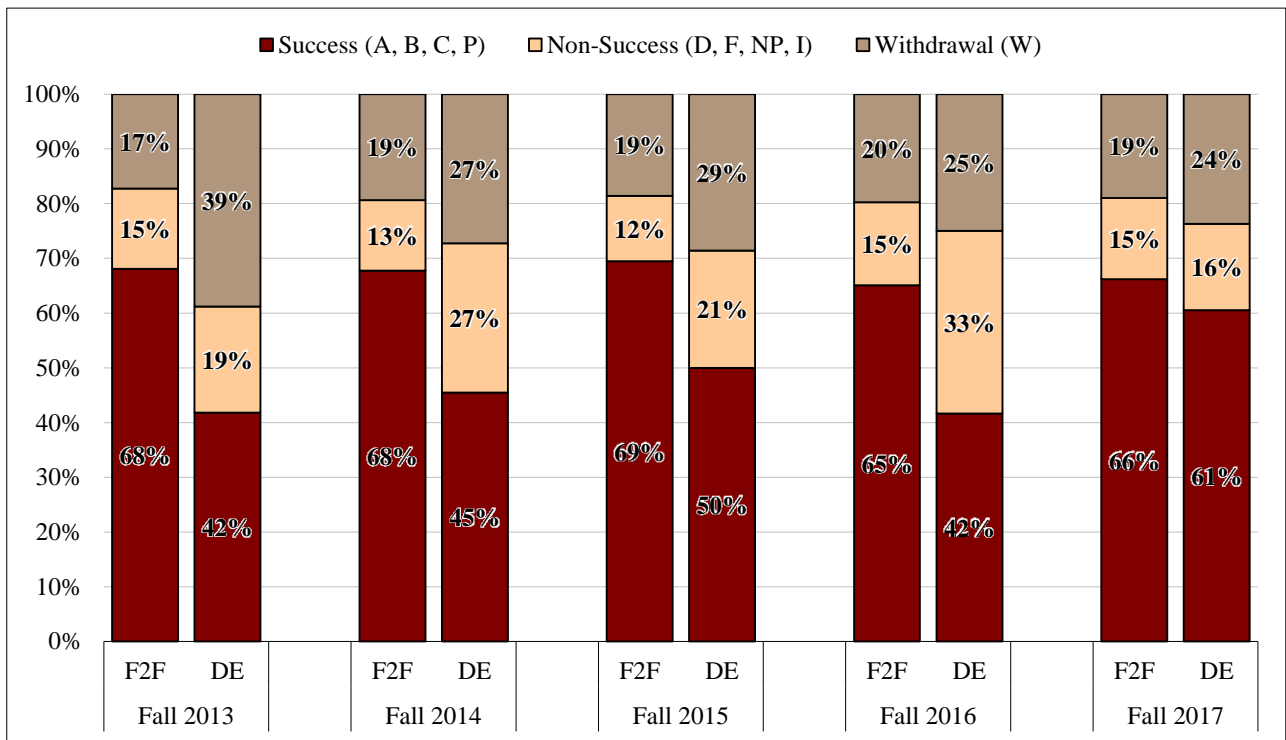
Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'T') relative to all students receiving a grade.

Withdrawals is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

Student Performance: Distance Education

Biology (BIO*)					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Total Course Enrollments	785	820	884	932	902
Face-to-Face (F2F) Sections	718	754	828	896	864
Success Rates	68%	68%	69%	65%	66%
Non-Success Rates	15%	13%	12%	15%	15%
Withdrawals	17%	19%	19%	20%	19%
Distance Education (DE) Sections	67	66	56	36	38
Success Rates	42%	45%	50%	42%	61%
Non-Success Rates	19%	27%	21%	33%	16%
Withdrawals	39%	27%	29%	25%	24%

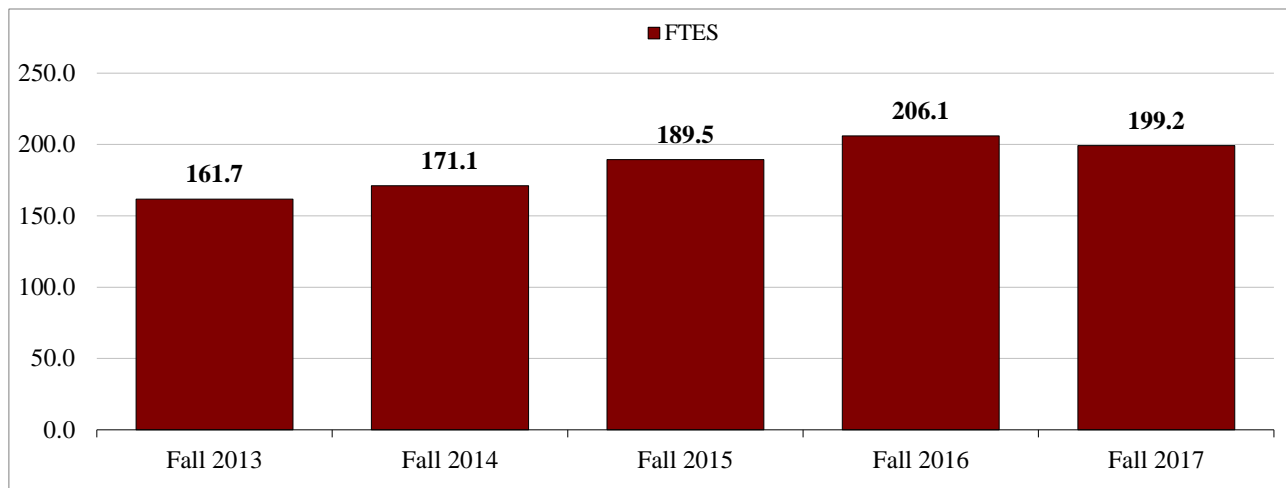
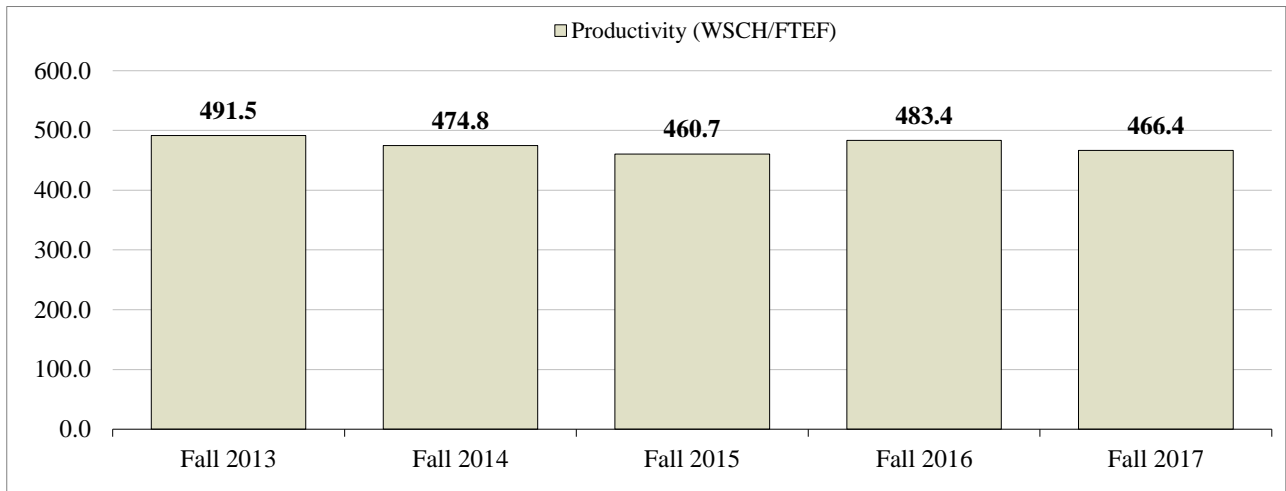


Definitions:

- Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.
- Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP or T) relative to all students receiving a grade.
- Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.
- Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

Enrollment Management: Part 1

	Biology (BIO*)				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
WSCH	4,920	5,185	5,763	6,299	6,077
FTEF	161.7	171.1	189.5	206.1	199.2
FTEF	10.0	10.9	12.5	13.0	13.0
Productivity (WSCH/FTEF)	491.5	474.8	460.7	483.4	466.4



Definitions:

WSCH is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.

FTEF is the total Full Time Equivalent Student value resulting from all enrollment within the discipline.

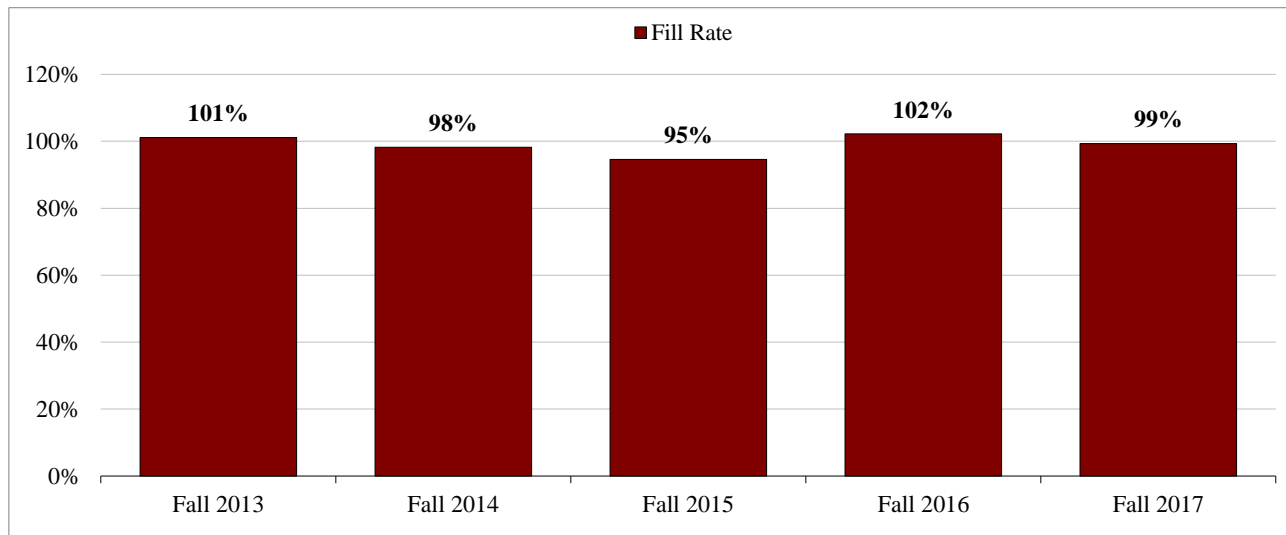
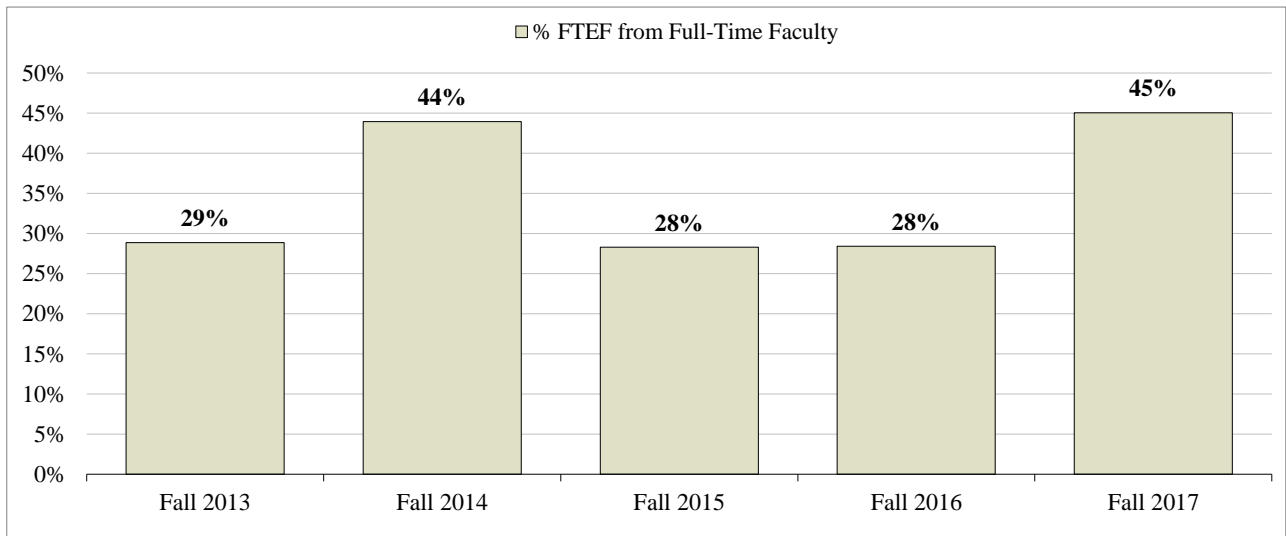
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

Productivity is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

Note: Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

Enrollment Management: Part 2

	Biology (BIO*)				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
FTEF from Full-Time Faculty	2.9	4.8	3.5	3.7	5.9
% FTEF from Full-Time Faculty	29%	44%	28%	28%	45%
Enrollments	785	820	884	932	902
Capacity (seats available)	776	835	935	912	908
Fill Rate	101%	98%	95%	102%	99%



Definitions:

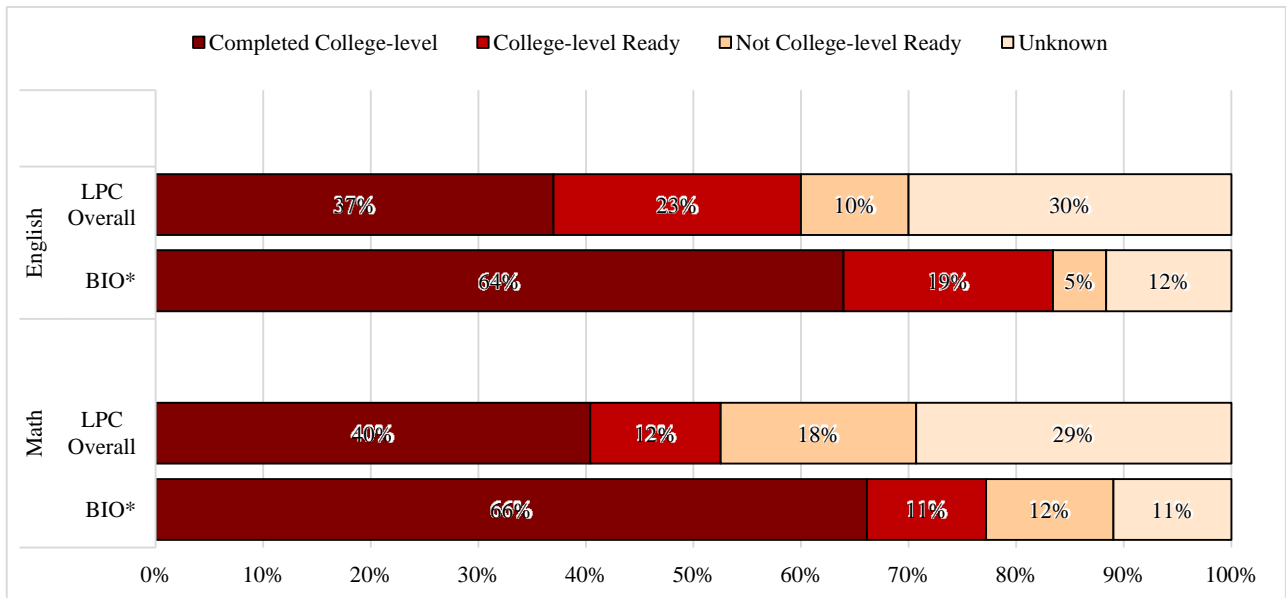
Fill Rate is number of enrollments over the total capacity (seats available).

% FTEF from Full-time Faculty is the FTEF generated by full-time faculty as load (i.e., excluding overload) divided by the total FTEF.

Note: Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

College Readiness: English & Math Proficiency

Fall 2017				
	BIO*		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	555	64%	3,485	37%
College-level Ready	169	19%	2,141	23%
Not College-level Ready	43	5%	904	10%
Unknown	101	12%	2,842	30%
College Math				
Completed College-level	574	66%	3,738	40%
College-level Ready	96	11%	1,138	12%
Not College-level Ready	103	12%	1,733	18%
Unknown	95	11%	2,763	29%



Definitions:

College English

Completed College-level is defined as successfully completed ENG 1A or higher, or has earned at least an Associates degree.

College-level Ready is defined as anyone who is eligible for ENG 1A but has not successfully completed the course.

Not College-level Ready is defined as anyone who is not eligible for ENG 1A but has not successfully completed the course.

Unknown is defined as anyone with no previous English enrollments within the sequence and no previous English assessment.

College Math

Completed College-level is defined as successfully completed Math 55 or higher or assessed into Transfer-level Math, or has earned at least an Associates degree.

College-level Ready is defined as anyone who is eligible for MATH 55 but has not yet successfully complete the course.

Not College-level Ready is defined as anyone who is not eligible for MATH 55 but has not yet successfully complete the course.

Unknown is defined as anyone with no previous Math enrollments within the sequence and no previous Math assessment.