



Las Positas College
Program Review Discipline Data Packet
Spring 2014 to Spring 2018

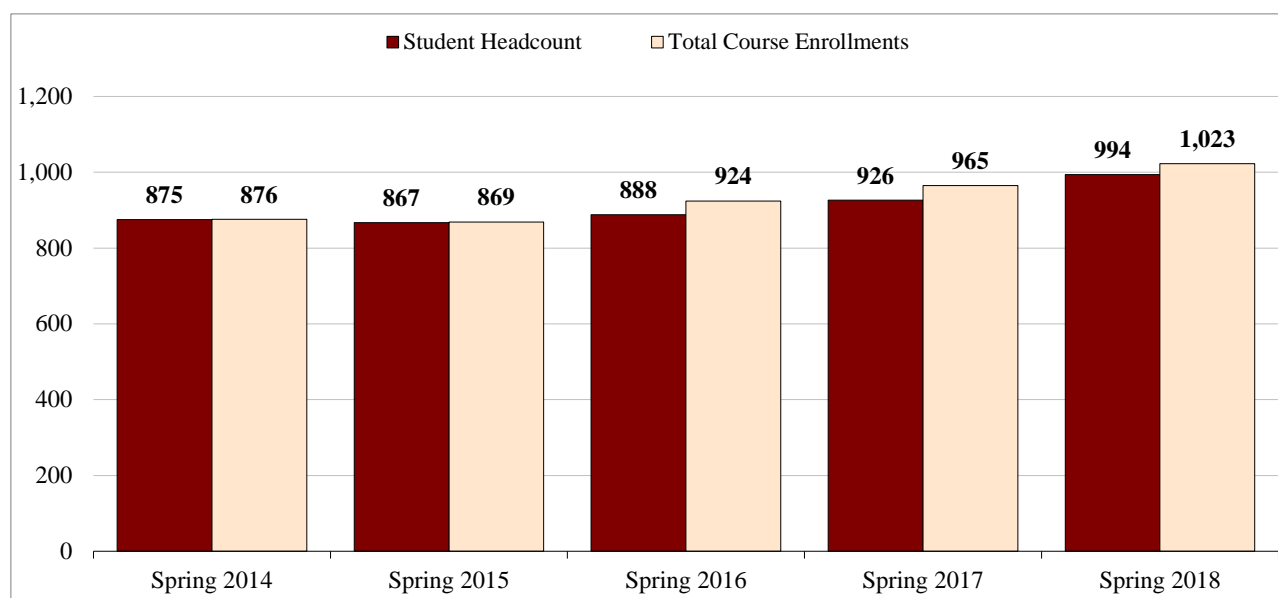
Discipline:

Biology (BIO*)

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Headcount & Enrollment

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Student Headcount	875	867	888	926	994
Total Course Enrollments	876	869	924	965	1,023



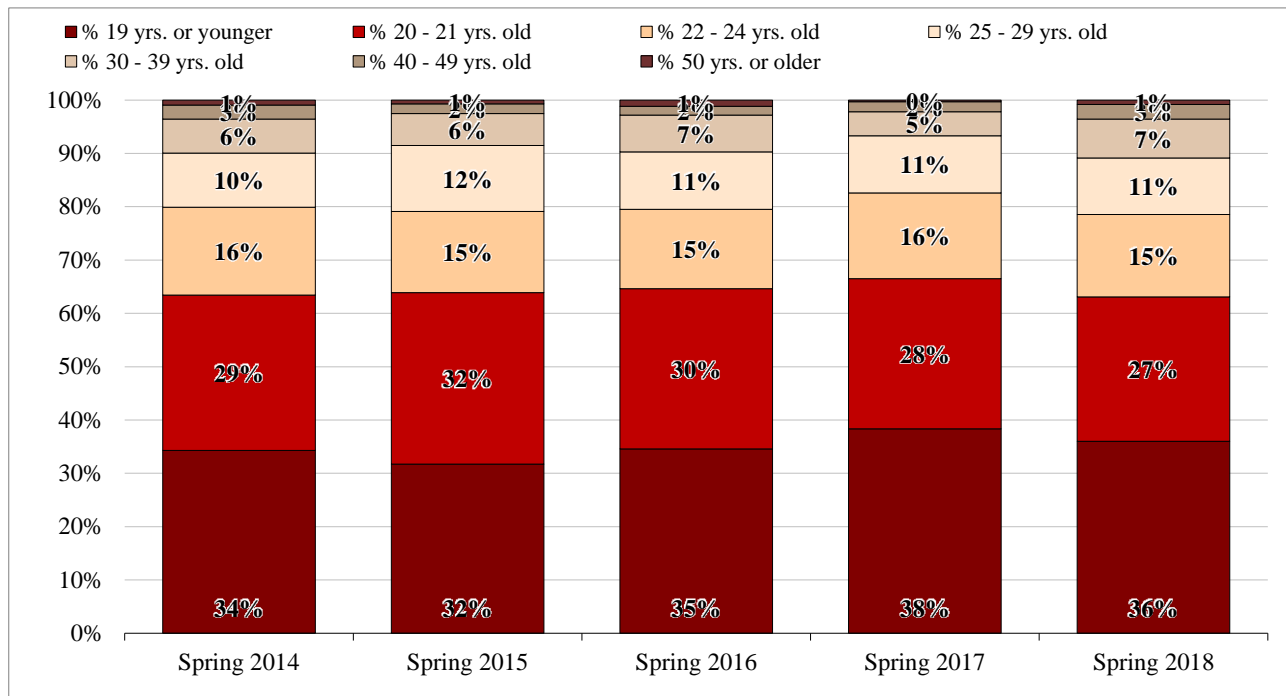
Definitions:

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.

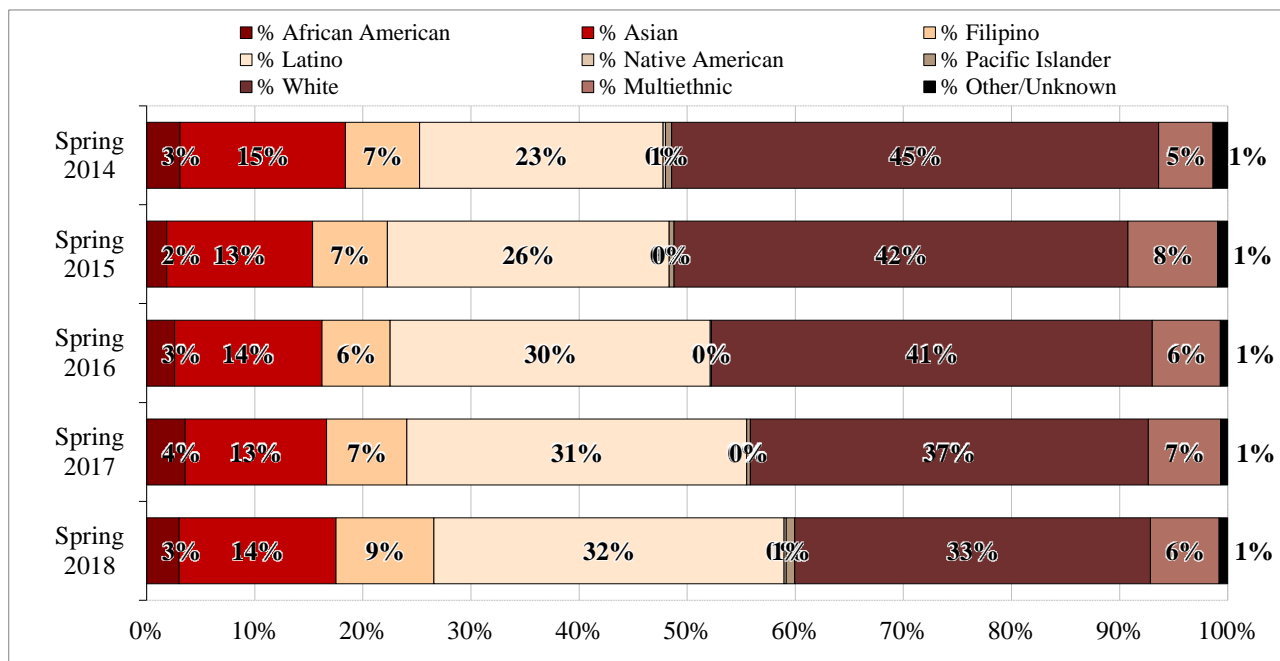
Student Demographics: Gender & Age

	Biology (BIO*)				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Female	491	526	524	566	607
Male	380	333	353	347	374
19 yrs. or younger	300	275	307	355	358
20-21 yrs. old	255	279	267	261	269
22-24 yrs. old	144	132	132	149	154
25-29 yrs. old	89	107	96	99	105
30-39 yrs. old	56	52	61	42	73
40-49 yrs. old	23	16	15	17	27
50 yrs. or older	8	6	10	3	8
% Female	56%	61%	60%	62%	62%
% Male	44%	39%	40%	38%	38%
% 19 yrs. or younger	34%	32%	35%	38%	36%
% 20 - 21 yrs. old	29%	32%	30%	28%	27%
% 22 - 24 yrs. old	16%	15%	15%	16%	15%
% 25 - 29 yrs. old	10%	12%	11%	11%	11%
% 30 - 39 yrs. old	6%	6%	7%	5%	7%
% 40 - 49 yrs. old	3%	2%	2%	2%	3%
% 50 yrs. or older	1%	1%	1%	<1%	1%



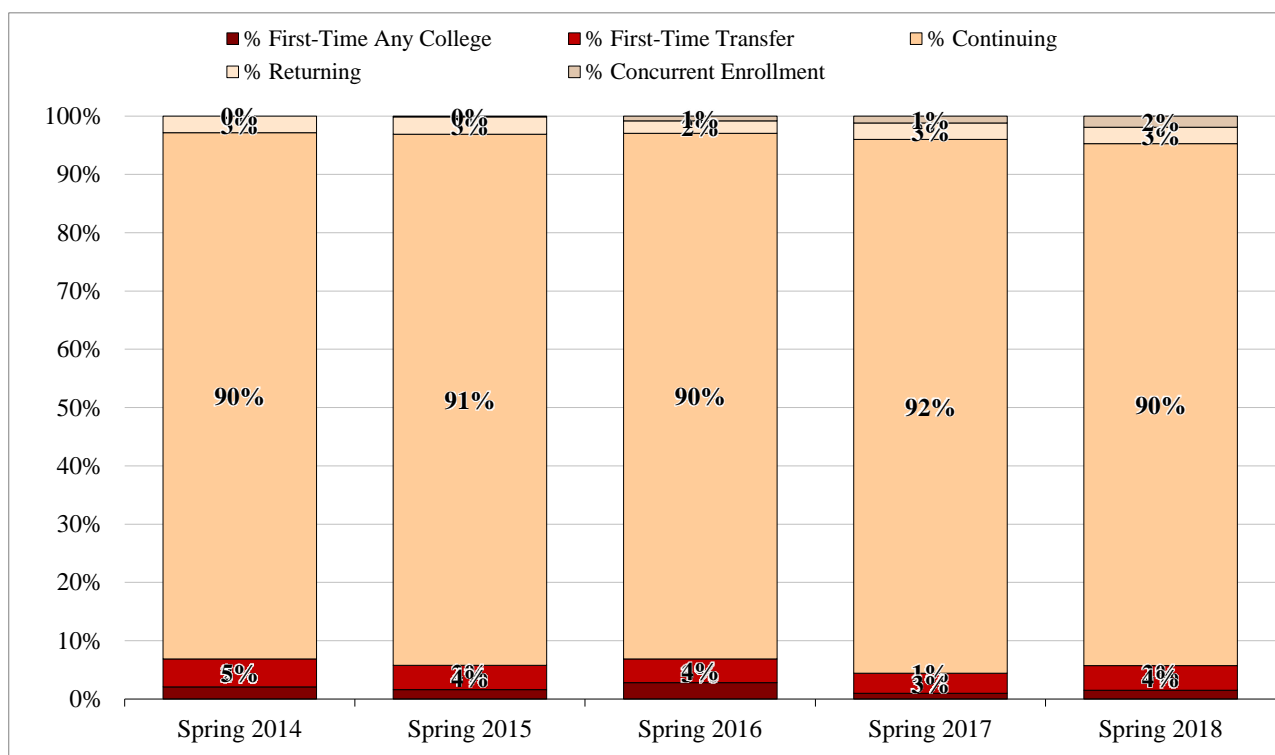
Student Demographic: Race-Ethnicity

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
African American	27	16	23	33	30
Asian	134	117	121	121	144
Filipino	60	60	56	69	90
Latino	197	226	263	291	322
Native American	2	0	1	0	2
Pacific Islander	5	4	0	3	8
White	394	364	362	341	327
Multiethnic	44	72	56	62	63
Other/Unknown	12	8	6	6	8
% African American	3%	2%	3%	4%	3%
% Asian	15%	13%	14%	13%	14%
% Filipino	7%	7%	6%	7%	9%
% Latino	23%	26%	30%	31%	32%
% Native American	<1%	0%	<1%	0%	<1%
% Pacific Islander	1%	<1%	0%	<1%	1%
% White	45%	42%	41%	37%	33%
% Multiethnic	5%	8%	6%	7%	6%
% Other/Unknown	1%	1%	1%	1%	1%



Student Enrollment Status

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
First-Time Any College	18	14	25	9	15
First-Time Transfer	42	36	36	32	42
Continuing	790	790	801	847	890
Returning	25	26	19	26	28
Concurrent Enrollment	0	1	7	11	19
% First-Time Any College	2%	2%	3%	1%	2%
% First-Time Transfer	5%	4%	4%	3%	4%
% Continuing	90%	91%	90%	92%	90%
% Returning	3%	3%	2%	3%	3%
% Concurrent Enrollment	0%	<1%	1%	1%	2%



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.

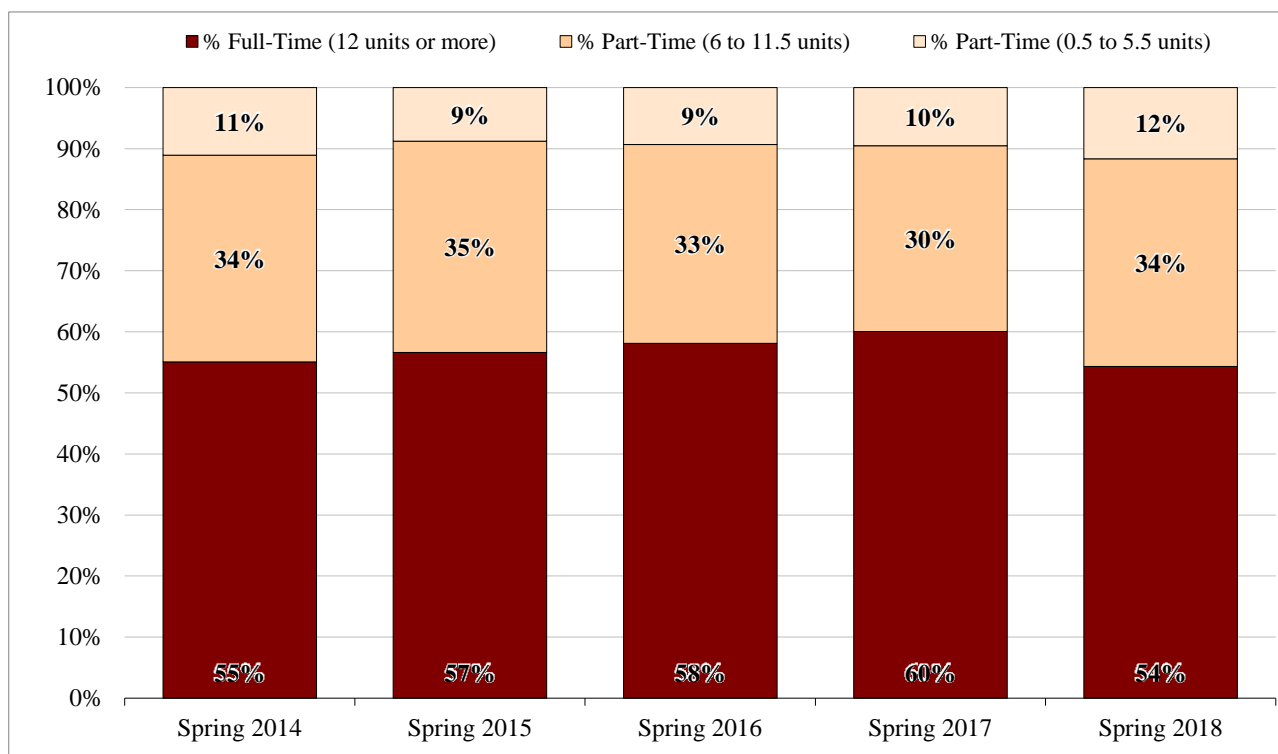
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

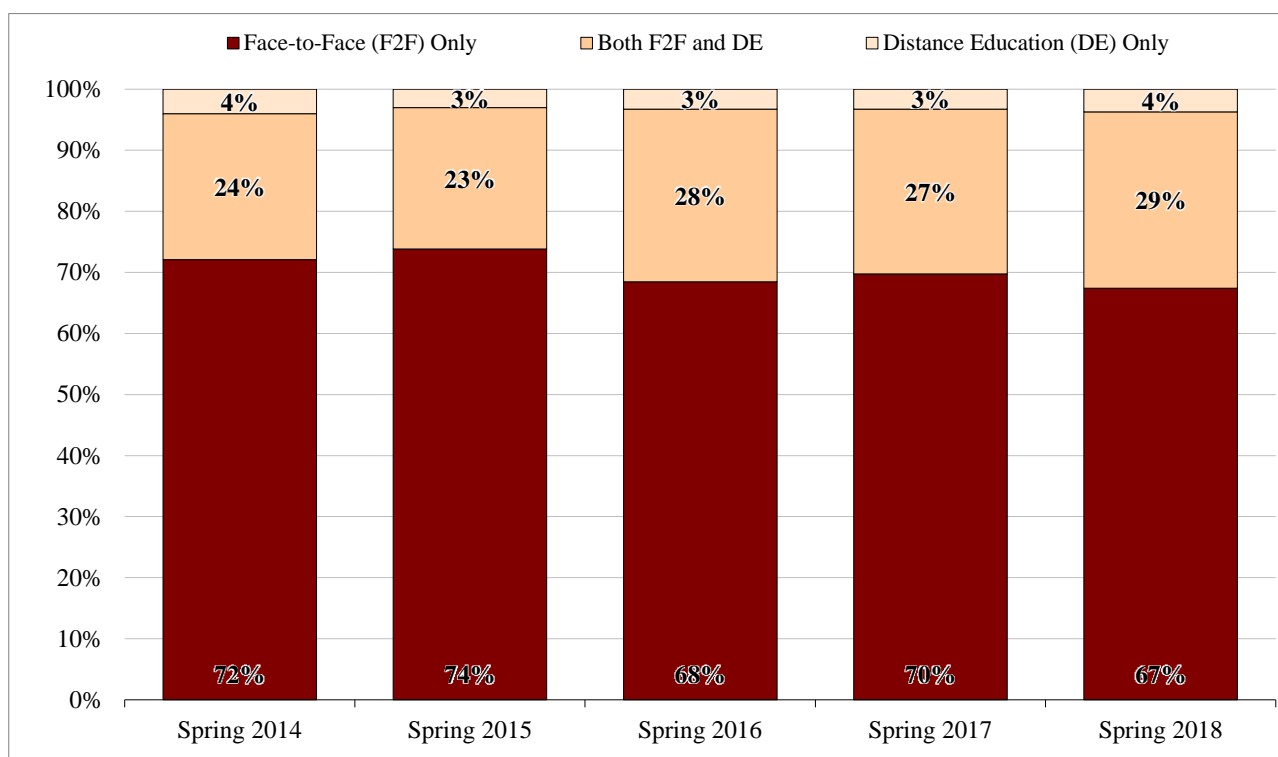
Student Unit Load

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Full-Time (12 units or more)	482	491	516	556	540
Part-Time (6 to 11.5 units)	296	300	289	282	338
Part-Time (0.5 to 5.5 units)	97	76	83	88	116
% Full-Time (12 units or more)	55%	57%	58%	60%	54%
% Part-Time (6 to 11.5 units)	34%	35%	33%	30%	34%
% Part-Time (0.5 to 5.5 units)	11%	9%	9%	10%	12%



Students Using Distance Education

Biology (BIO*)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Face-to-Face (F2F) Only	631	640	608	646	670
Both F2F and DE	209	201	251	250	287
Distance Education (DE) Only	35	26	29	30	37
% Face-to-Face (F2F) Only	72%	74%	68%	70%	67%
% Both F2F and DE	24%	23%	28%	27%	29%
% Distance Education (DE) Only	4%	3%	3%	3%	4%

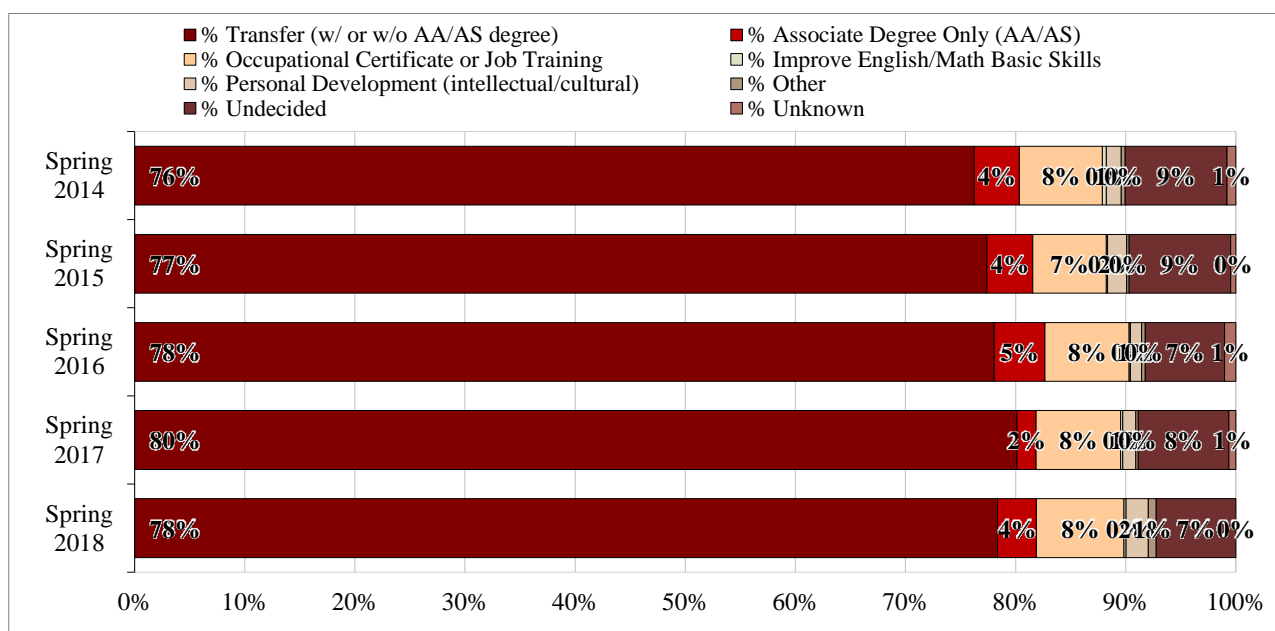


Definitions:

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

Student Educational Goal

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Transfer (w/ or w/o AA/AS degree)	667	671	693	742	779
Associate Degree Only (AA/AS)	36	36	41	16	35
Occupational Certificate or Job Training	66	58	68	71	79
Improve English/Math Basic Skills	3	1	1	2	2
Personal Development (intellectual/cultural)	12	15	9	11	20
Other	3	2	3	2	7
Undecided	81	80	64	76	72
Unknown	7	4	9	6	0
% Transfer (w/ or w/o AA/AS degree)	76%	77%	78%	80%	78%
% Associate Degree Only (AA/AS)	4%	4%	5%	2%	4%
% Occupational Certificate or Job Training	8%	7%	8%	8%	8%
% Improve English/Math Basic Skills	<1%	<1%	<1%	<1%	<1%
% Personal Development (intellectual/cultural)	1%	2%	1%	1%	2%
% Other	<1%	<1%	<1%	<1%	1%
% Undecided	9%	9%	7%	8%	7%
% Unknown	1%	<1%	1%	1%	0%



Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

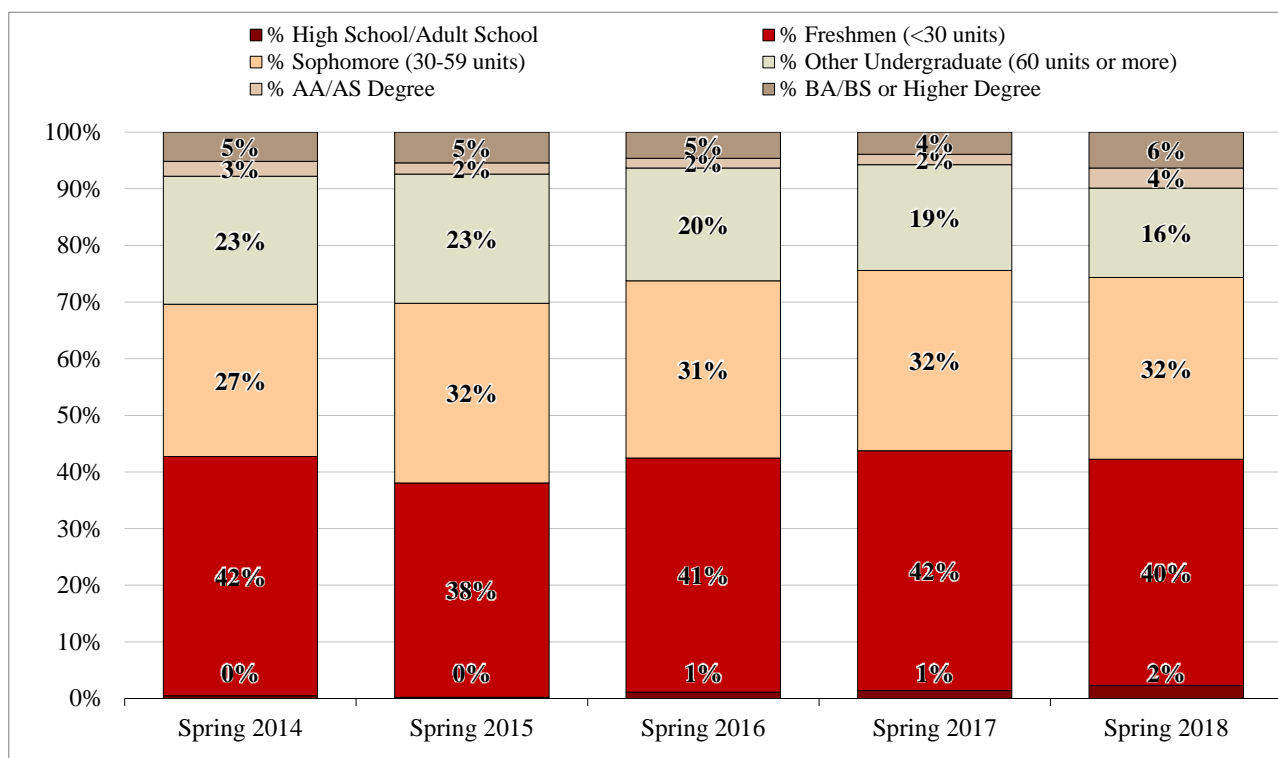
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

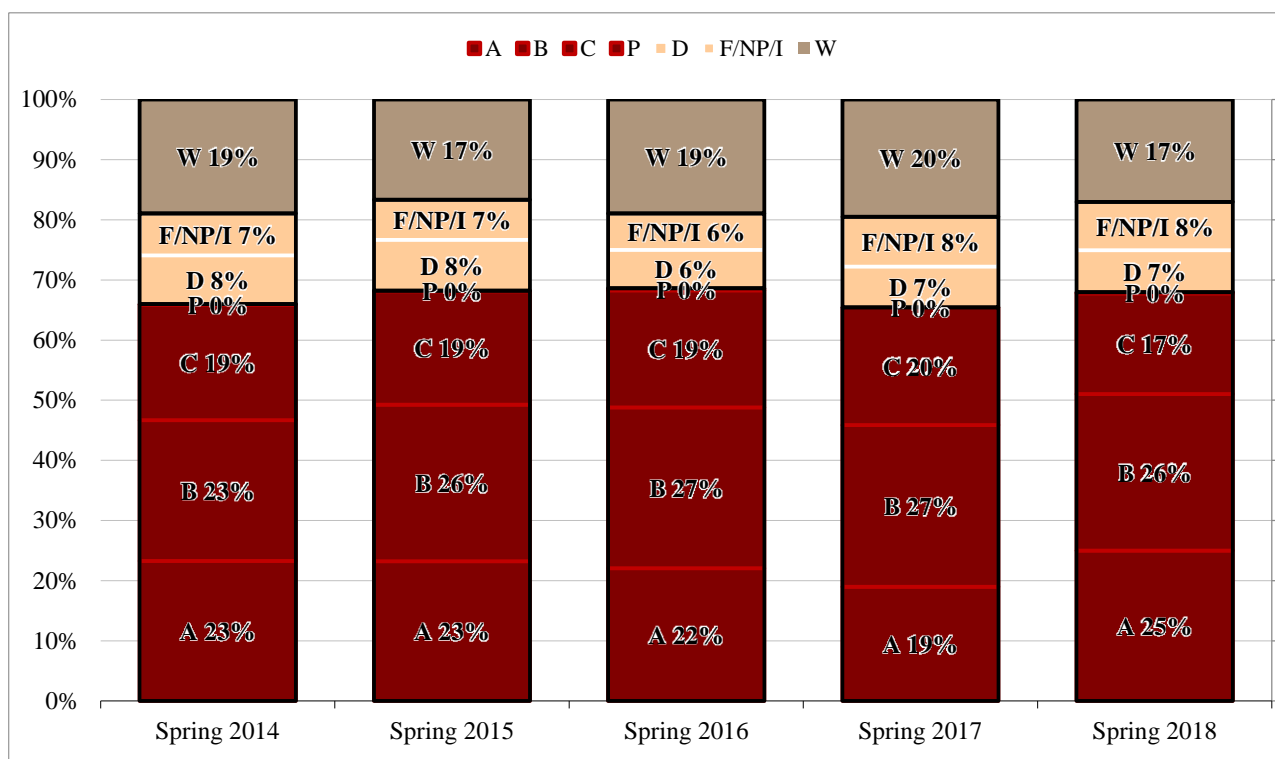
Highest Educational Level of Students

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
High School/Adult School	4	2	10	13	23
Freshmen (<30 units)	370	328	367	392	397
Sophomore (30-59 units)	235	275	278	295	319
Other Undergraduate (60 units or more)	198	198	177	173	157
AA/AS Degree	23	17	15	17	35
BA/BS or Higher Degree	45	47	41	36	63
% High School/Adult School	<1%	<1%	1%	1%	2%
% Freshmen (<30 units)	42%	38%	41%	42%	40%
% Sophomore (30-59 units)	27%	32%	31%	32%	32%
% Other Undergraduate (60 units or more)	23%	23%	20%	19%	16%
% AA/AS Degree	3%	2%	2%	2%	4%
% BA/BS or Higher Degree	5%	5%	5%	4%	6%



Student Performance: Grade Distribution

Biology (BIO*)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Total Course Enrollments	876	869	924	965	1,023
Course Success Rates	66%	68%	69%	65%	68%
A	23%	23%	22%	19%	25%
B	23%	26%	27%	27%	26%
C	19%	19%	19%	20%	17%
P	<1%	<1%	<1%	0%	<1%
Course Non-Success Rate	15%	15%	12%	15%	15%
D	8%	8%	6%	7%	7%
F/NP/I	7%	7%	6%	8%	8%
Withdrawals (W)	19%	17%	19%	20%	17%



Definitions:

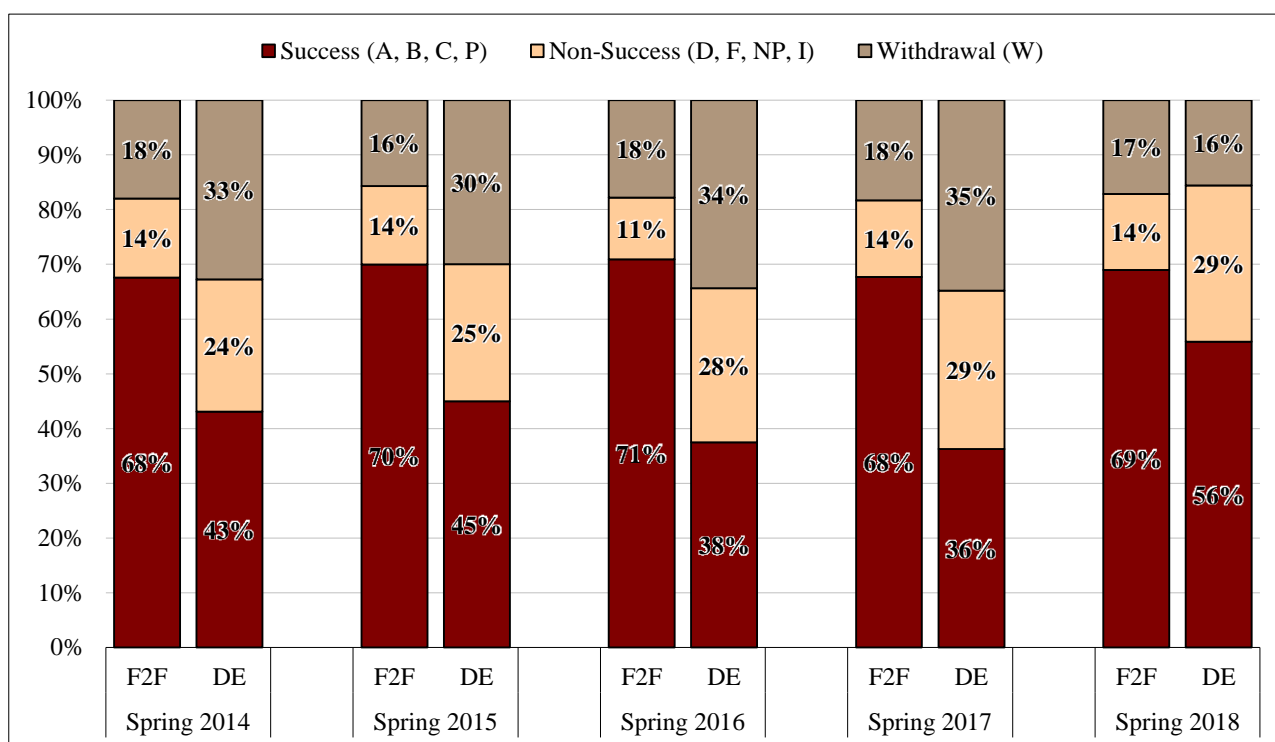
Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'I') 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				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Total Course Enrollments	876	869	924	965	1,023
Face-to-Face (F2F) Sections	818	809	860	896	946
Success Rates	68%	70%	71%	68%	69%
Non-Success Rates	14%	14%	11%	14%	14%
Withdrawals	18%	16%	18%	18%	17%
Distance Education (DE) Sections	58	60	64	69	77
Success Rates	43%	45%	38%	36%	56%
Non-Success Rates	24%	25%	28%	29%	29%
Withdrawals	33%	30%	34%	35%	16%



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.

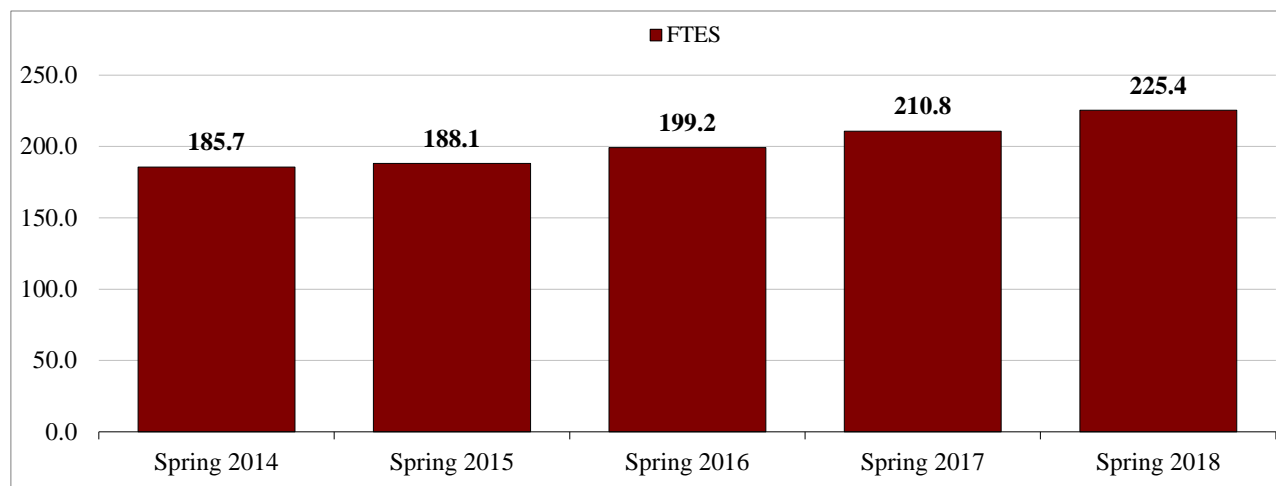
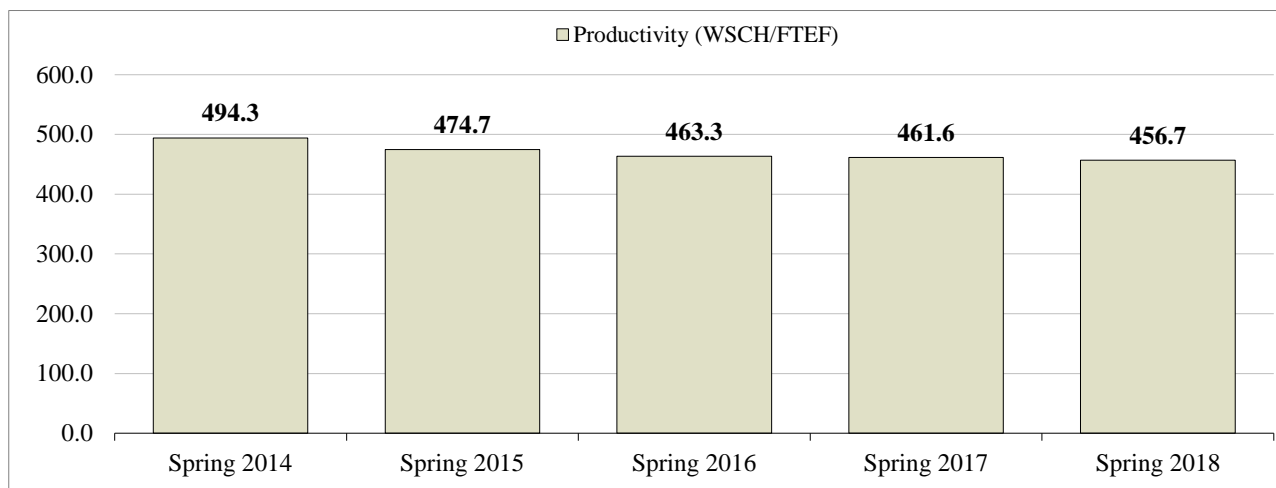
Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'T') relative to all students receiving a grade.

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				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
WSCH	5,655	5,678	6,042	6,435	6,842
FTES	185.7	188.1	199.2	210.8	225.4
FTEF	11.4	12.0	13.0	13.9	15.0
Productivity (WSCH/FTEF)	494.3	474.7	463.3	461.6	456.7



Definitions:

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

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

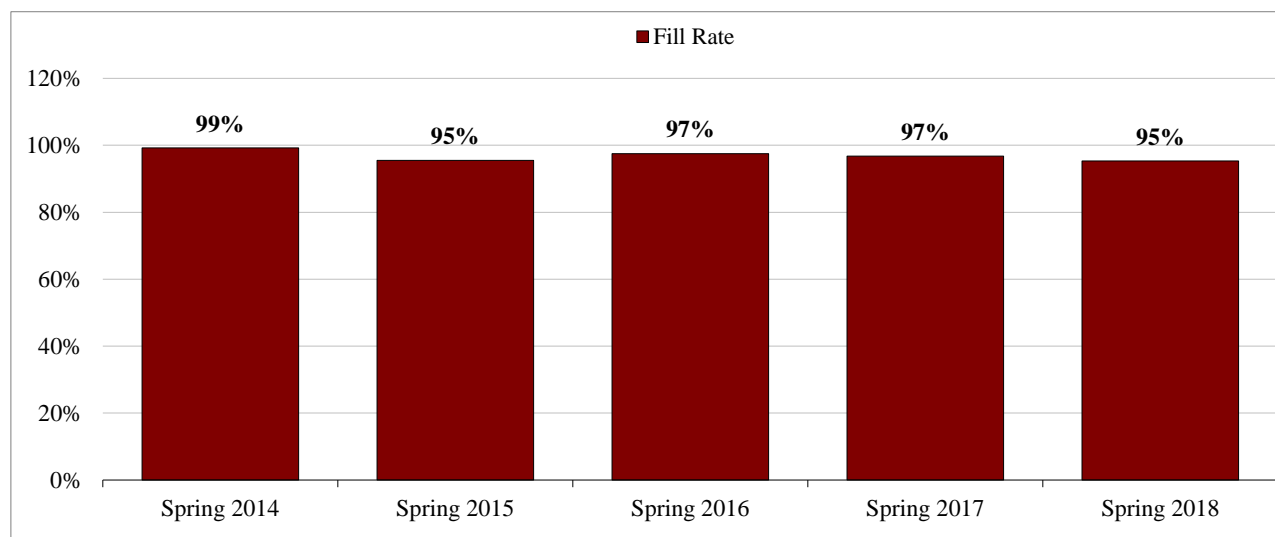
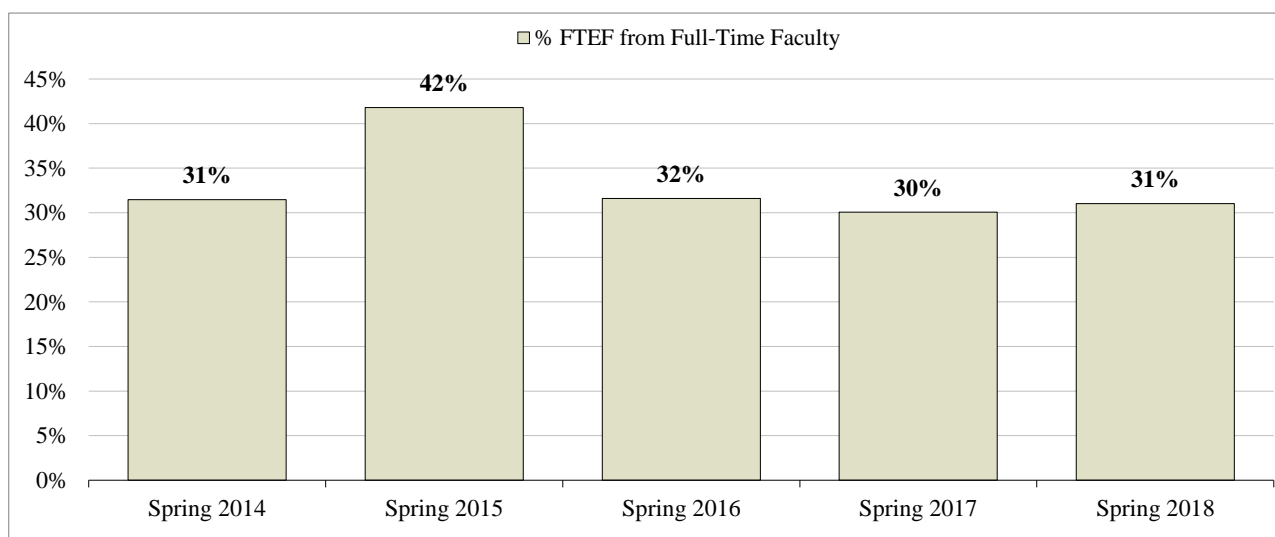
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
FTEF from Full-Time Faculty	3.6	5.0	4.1	4.2	4.7
% FTEF from Full-Time Faculty	31%	42%	32%	30%	31%
Enrollments	876	869	924	965	1,023
Capacity (seats available)	883	910	948	997	1,073
Fill Rate	99%	95%	97%	97%	95%



Definitions:

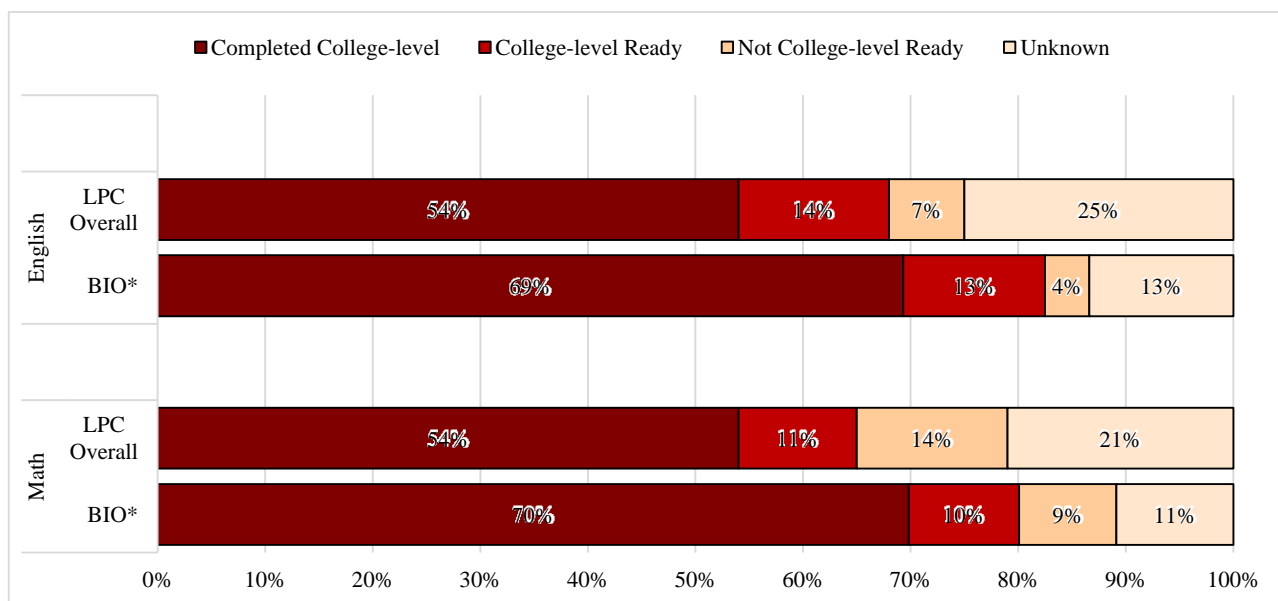
Fill Rate is number of enrollments over the total capacity (seats available).

% 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

Spring 2018				
	BIO*		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	689	69%	4,955	54%
College-level Ready	131	13%	1,319	14%
Not College-level Ready	41	4%	619	7%
Unknown	133	13%	2,260	25%
College Math				
Completed College-level	694	70%	4,980	54%
College-level Ready	102	10%	974	11%
Not College-level Ready	90	9%	1,239	14%
Unknown	108	11%	1,960	21%



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.