



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

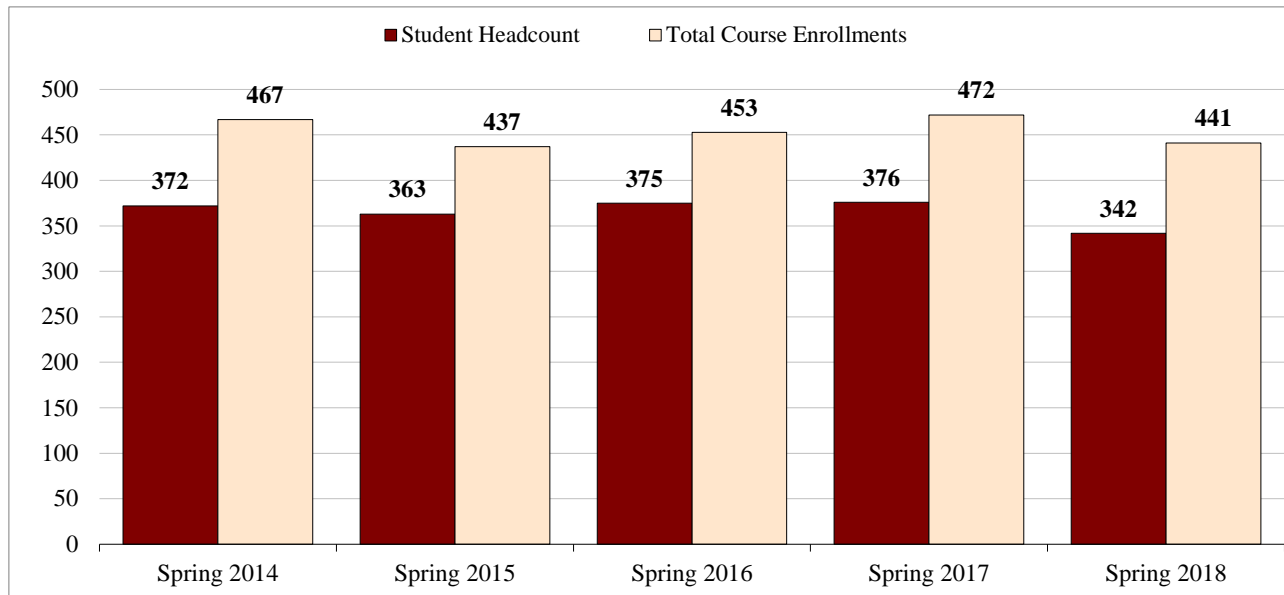
Discipline:

**Geology (GEOL)**

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## Headcount & Enrollment

Geology ( GEOL )					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Student Headcount	372	363	375	376	342
Total Course Enrollments	467	437	453	472	441



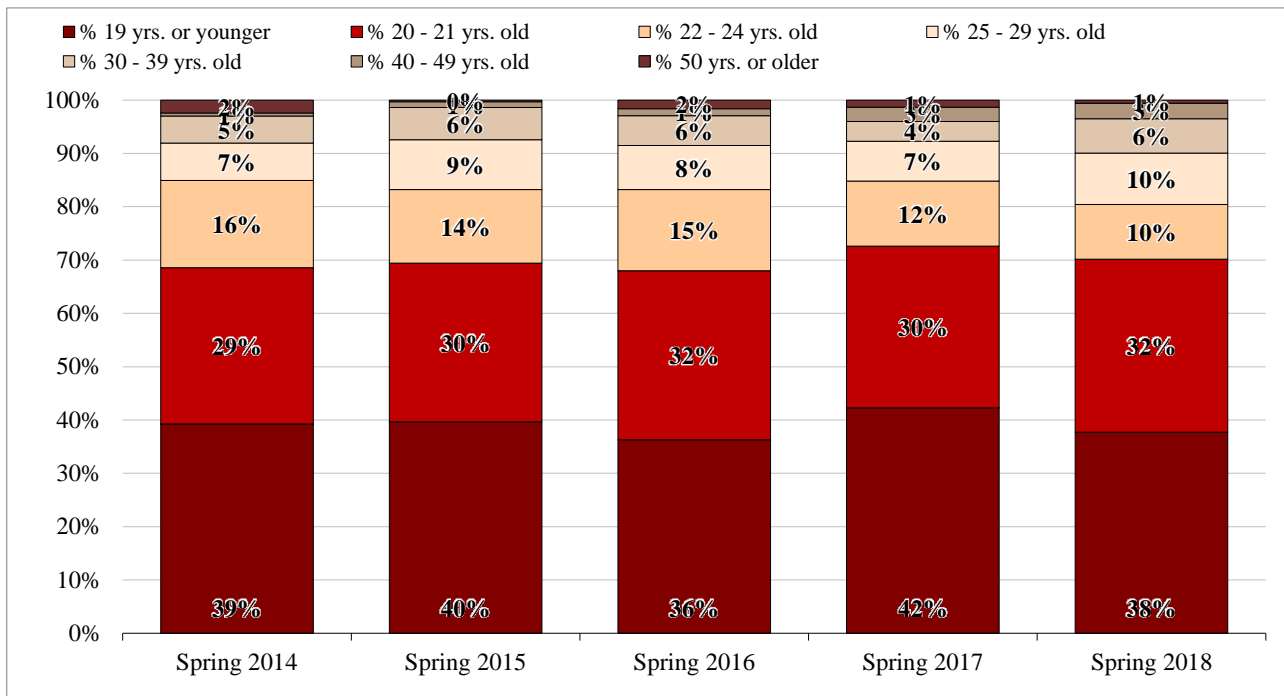
**Definitions:**

**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.

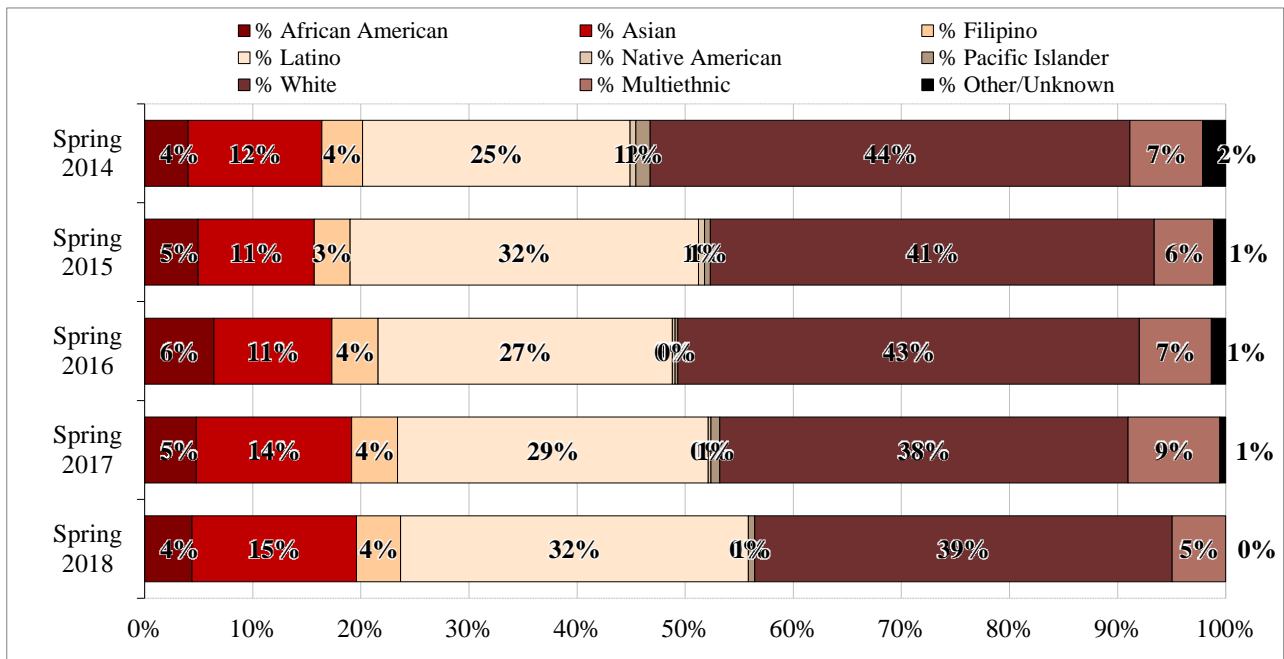
### Student Demographics: Gender & Age

Geology ( GEOL )					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Female	178	182	187	191	175
Male	189	178	179	182	162
19 yrs. or younger	146	144	136	159	129
20-21 yrs. old	109	108	119	114	111
22-24 yrs. old	61	50	57	46	35
25-29 yrs. old	26	34	31	28	33
30-39 yrs. old	19	22	21	14	22
40-49 yrs. old	2	4	5	10	10
50 yrs. or older	9	1	6	5	2
% Female	49%	51%	51%	51%	52%
% Male	51%	49%	49%	49%	48%
% 19 yrs. or younger	39%	40%	36%	42%	38%
% 20 - 21 yrs. old	29%	30%	32%	30%	32%
% 22 - 24 yrs. old	16%	14%	15%	12%	10%
% 25 - 29 yrs. old	7%	9%	8%	7%	10%
% 30 - 39 yrs. old	5%	6%	6%	4%	6%
% 40 - 49 yrs. old	1%	1%	1%	3%	3%
% 50 yrs. or older	2%	<1%	2%	1%	1%



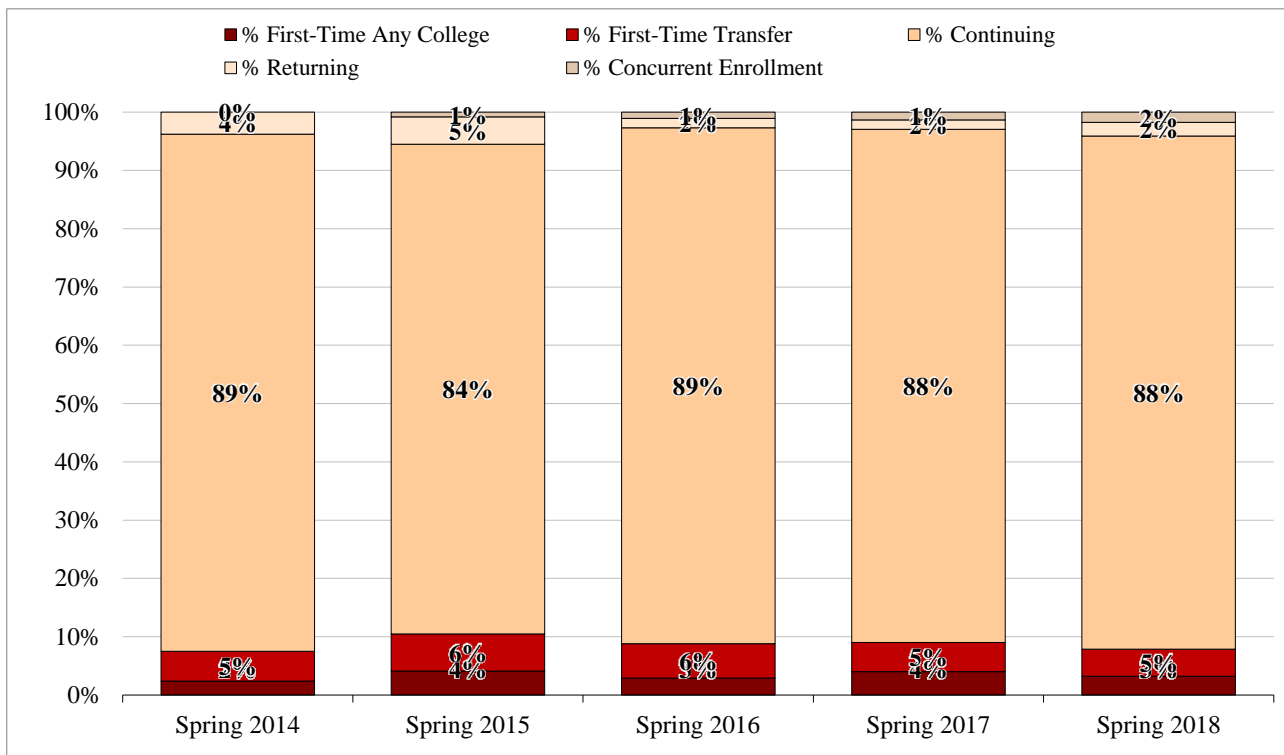
### Student Demographic: Race-Ethnicity

	Geology ( GEOL )				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
African American	15	18	24	18	15
Asian	46	39	41	54	52
Filipino	14	12	16	16	14
Latino	92	117	102	108	110
Native American	2	2	1	1	0
Pacific Islander	5	2	1	3	2
White	165	149	160	142	132
Multiethnic	25	20	25	32	17
Other/Unknown	8	4	5	2	0
% African American	4%	5%	6%	5%	4%
% Asian	12%	11%	11%	14%	15%
% Filipino	4%	3%	4%	4%	4%
% Latino	25%	32%	27%	29%	32%
% Native American	1%	1%	<1%	<1%	0%
% Pacific Islander	1%	1%	<1%	1%	1%
% White	44%	41%	43%	38%	39%
% Multiethnic	7%	6%	7%	9%	5%
% Other/Unknown	2%	1%	1%	1%	0%



### Student Enrollment Status

	Geology ( GEOL )				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
First-Time Any College	9	15	11	15	11
First-Time Transfer	19	23	22	19	16
Continuing	330	305	332	331	301
Returning	14	17	6	6	8
Concurrent Enrollment	0	3	4	5	6
% First-Time Any College	2%	4%	3%	4%	3%
% First-Time Transfer	5%	6%	6%	5%	5%
% Continuing	89%	84%	89%	88%	88%
% Returning	4%	5%	2%	2%	2%
% Concurrent Enrollment	0%	1%	1%	1%	2%

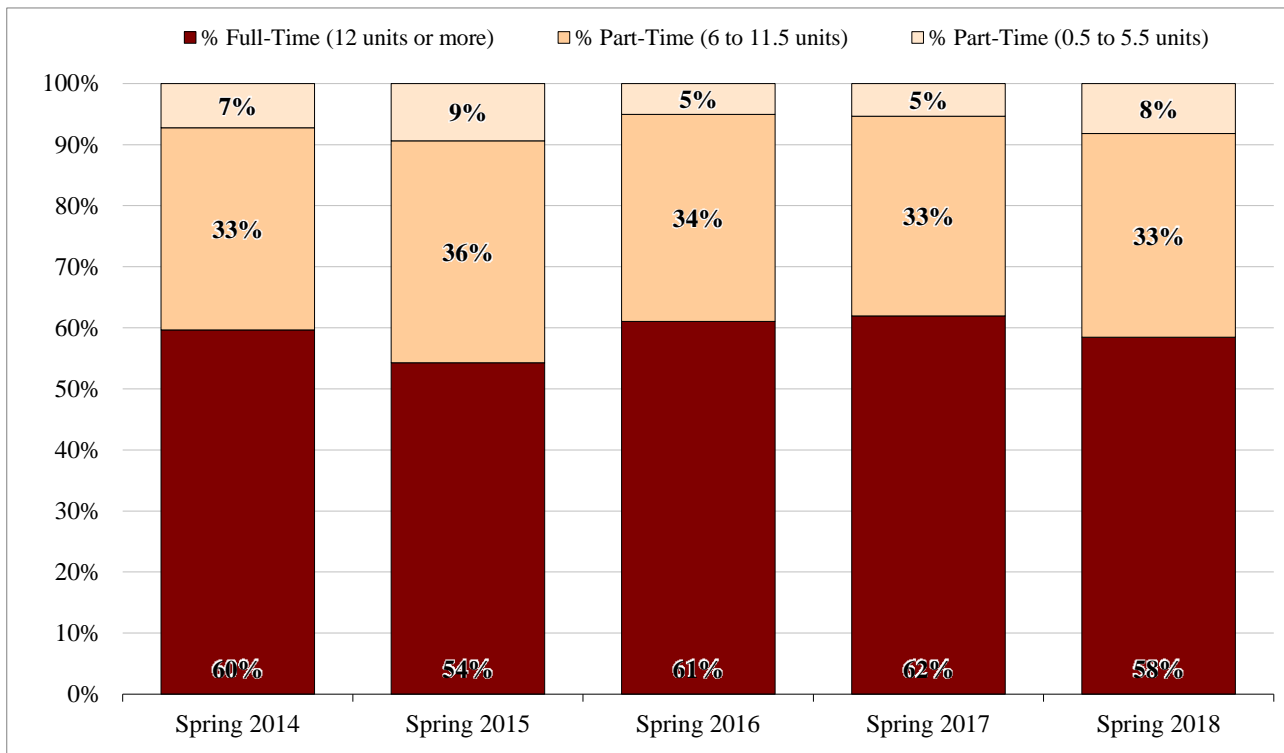


**Definitions:**

- 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.

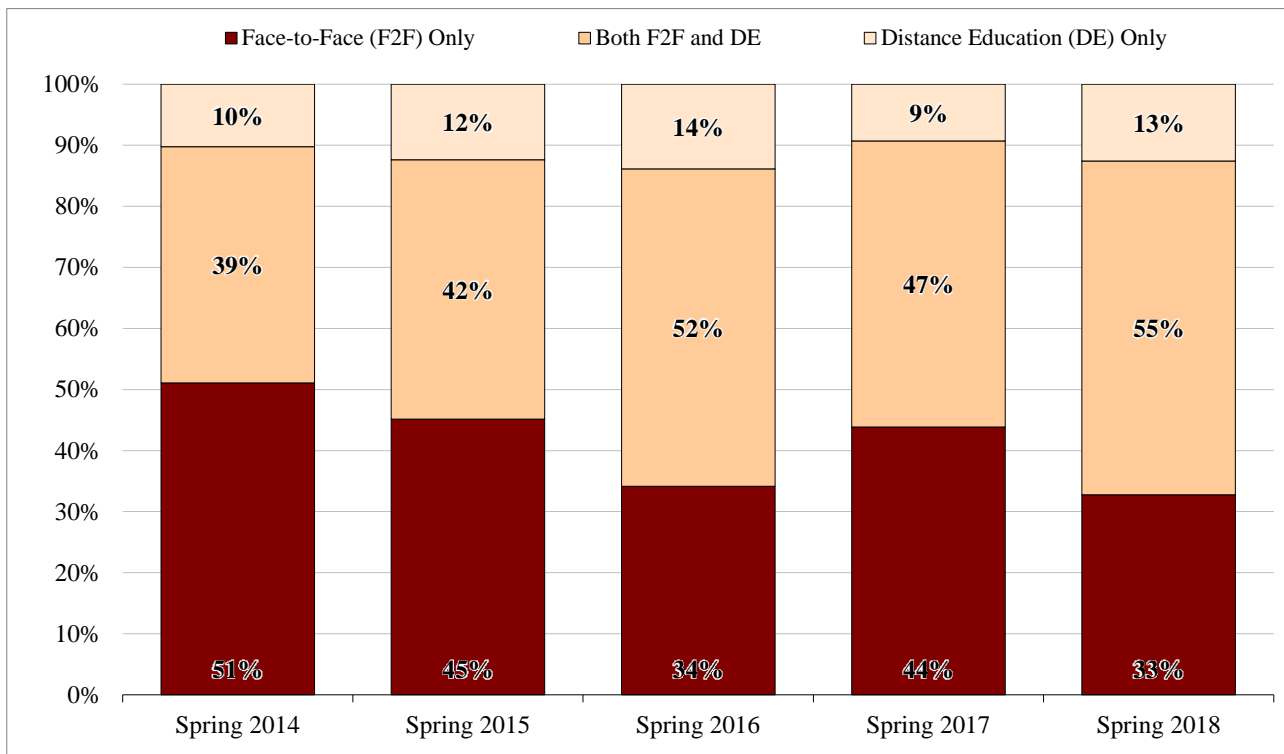
### Student Unit Load

Geology ( GEOL )					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Full-Time (12 units or more)	222	197	229	233	200
Part-Time (6 to 11.5 units)	123	132	127	123	114
Part-Time (0.5 to 5.5 units)	27	34	19	20	28
% Full-Time (12 units or more)	60%	54%	61%	62%	58%
% Part-Time (6 to 11.5 units)	33%	36%	34%	33%	33%
% Part-Time (0.5 to 5.5 units)	7%	9%	5%	5%	8%



### Students Using Distance Education

Geology ( GEOL )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Face-to-Face (F2F) Only	190	164	128	165	112
Both F2F and DE	144	154	195	176	187
Distance Education (DE) Only	38	45	52	35	43
% Face-to-Face (F2F) Only	51%	45%	34%	44%	33%
% Both F2F and DE	39%	42%	52%	47%	55%
% Distance Education (DE) Only	10%	12%	14%	9%	13%

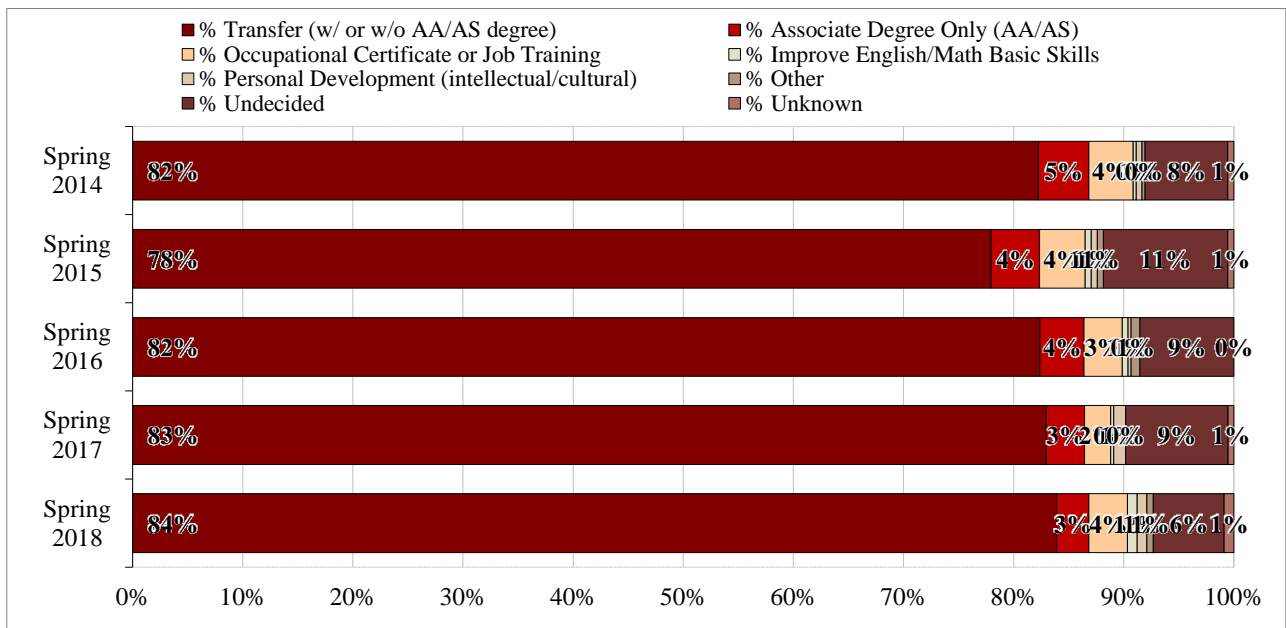


**Definitions:**

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

### Student Educational Goal

	Geology ( GEOL )				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Transfer (w/ or w/o AA/AS degree)	306	283	309	312	287
Associate Degree Only (AA/AS)	17	16	15	13	10
Occupational Certificate or Job Training	15	15	13	9	12
Improve English/Math Basic Skills	1	2	2	1	3
Personal Development (intellectual/cultural)	2	2	1	4	3
Other	1	2	3	0	2
Undecided	28	41	32	35	22
Unknown	2	2	0	2	3
% Transfer (w/ or w/o AA/AS degree)	82%	78%	82%	83%	84%
% Associate Degree Only (AA/AS)	5%	4%	4%	3%	3%
% Occupational Certificate or Job Training	4%	4%	3%	2%	4%
% Improve English/Math Basic Skills	<1%	1%	1%	<1%	1%
% Personal Development (intellectual/cultural)	1%	1%	<1%	1%	1%
% Other	<1%	1%	1%	0%	1%
% Undecided	8%	11%	9%	9%	6%
% Unknown	1%	1%	0%	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.

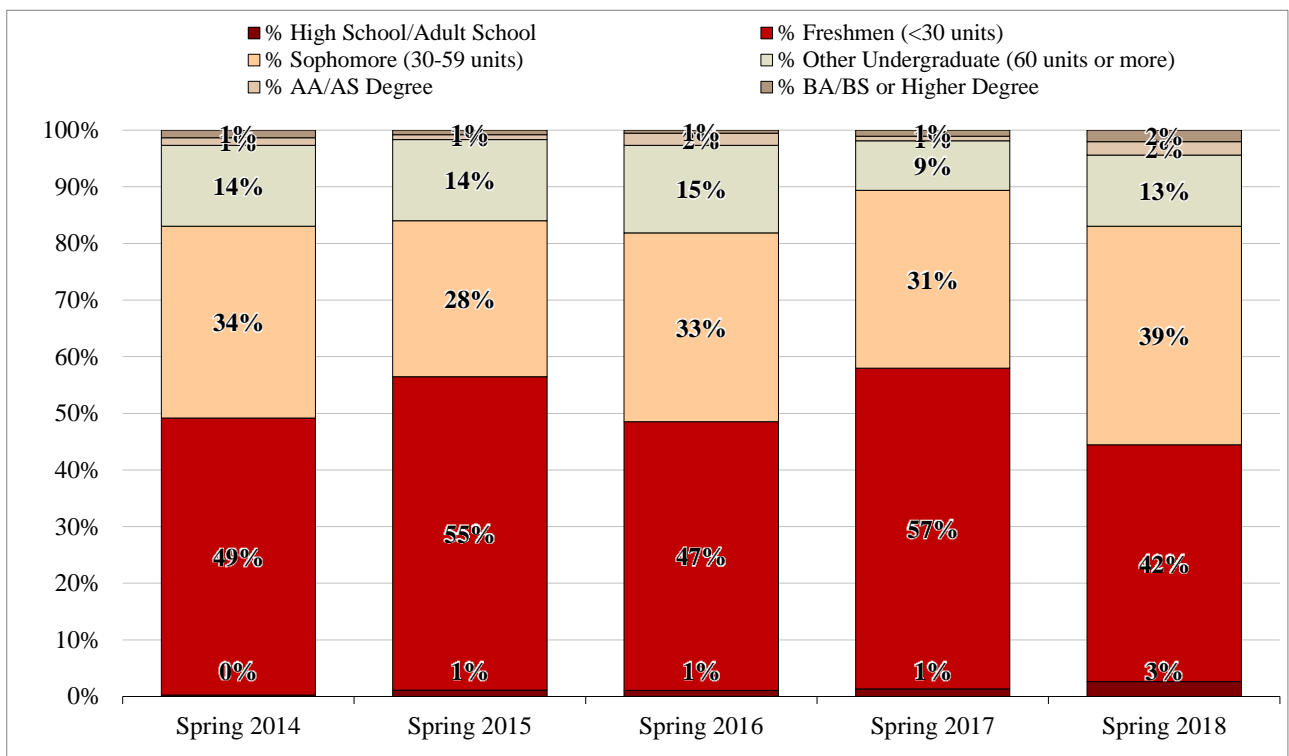
**Personal Development:** Students taking courses for intellectual and/or cultural development.

**Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.



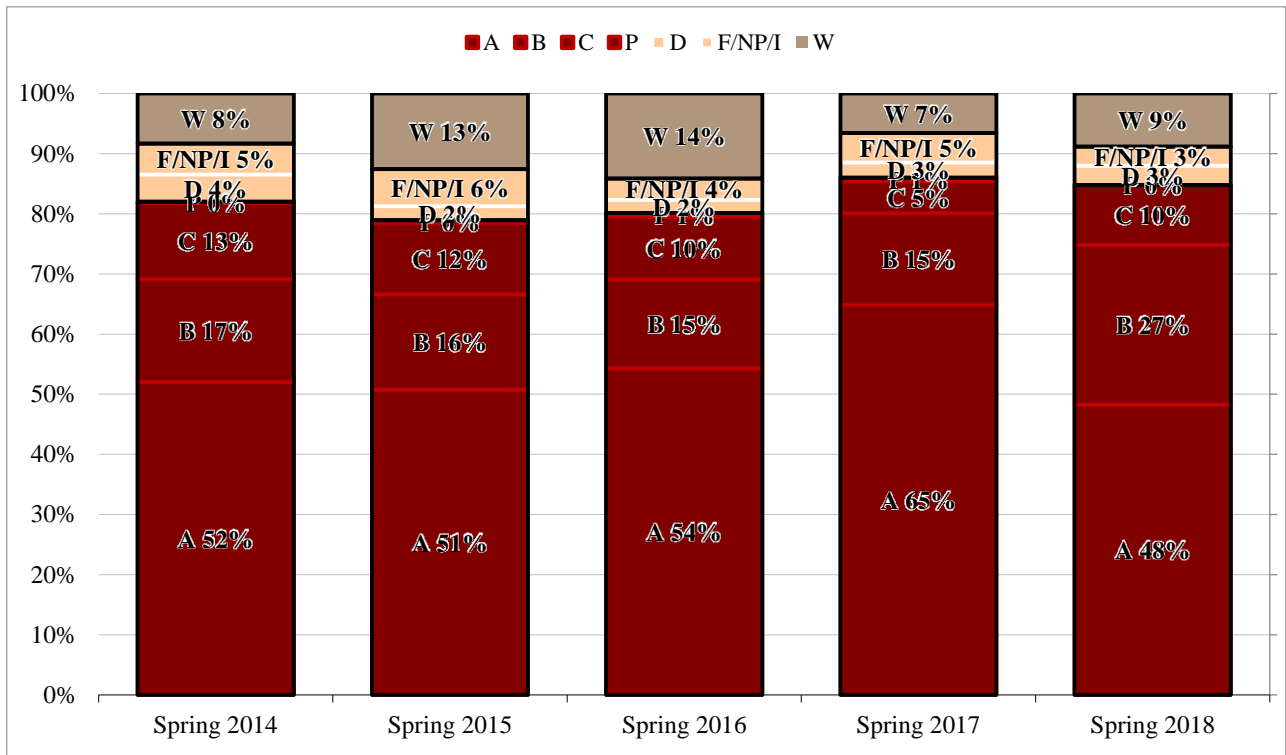
### Highest Educational Level of Students

	Geology ( GEOL )				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
High School/Adult School	1	4	4	5	9
Freshmen (<30 units)	182	201	178	213	143
Sophomore (30-59 units)	126	100	125	118	132
Other Undergraduate (60 units or more)	53	52	58	33	43
AA/AS Degree	5	3	8	3	8
BA/BS or Higher Degree	5	3	2	4	7
% High School/Adult School	<1%	1%	1%	1%	3%
% Freshmen (<30 units)	49%	55%	47%	57%	42%
% Sophomore (30-59 units)	34%	28%	33%	31%	39%
% Other Undergraduate (60 units or more)	14%	14%	15%	9%	13%
% AA/AS Degree	1%	1%	2%	1%	2%
% BA/BS or Higher Degree	1%	1%	1%	1%	2%



### Student Performance: Grade Distribution

Geology ( GEOL )					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
<b>Total Course Enrollments</b>	<b>467</b>	<b>437</b>	<b>453</b>	<b>472</b>	<b>441</b>
<b>Course Success Rates</b>	<b>82%</b>	<b>79%</b>	<b>80%</b>	<b>86%</b>	<b>85%</b>
A	52%	51%	54%	65%	48%
B	17%	16%	15%	15%	27%
C	13%	12%	10%	5%	10%
P	<1%	<1%	1%	1%	0%
<b>Course Non-Success Rate</b>	<b>10%</b>	<b>8%</b>	<b>6%</b>	<b>7%</b>	<b>6%</b>
D	4%	2%	2%	3%	3%
F/NP/I	5%	6%	4%	5%	3%
<b>Withdrawals (W)</b>	<b>8%</b>	<b>13%</b>	<b>14%</b>	<b>7%</b>	<b>9%</b>



**Definitions:**

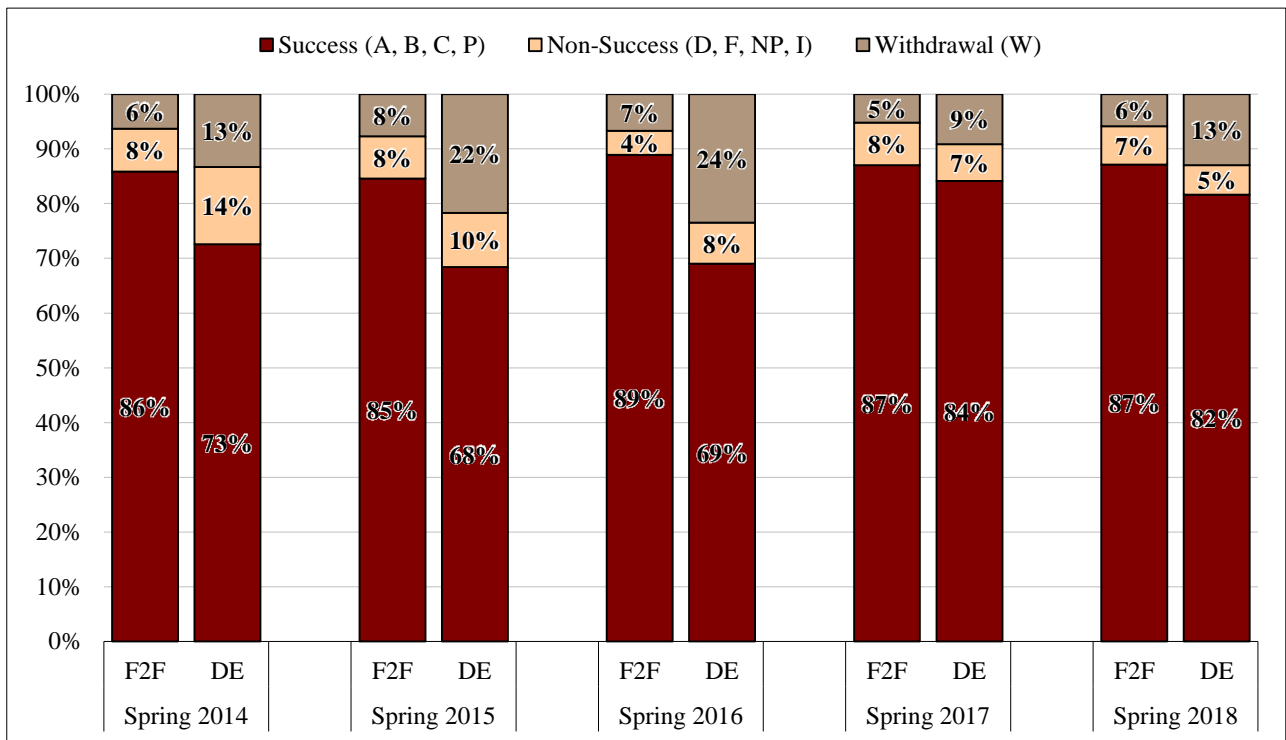
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**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

Geology ( GEOL )					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
<b>Total Course Enrollments</b>	<b>467</b>	<b>437</b>	<b>453</b>	<b>472</b>	<b>441</b>
<b>Face-to-Face (F2F) Sections</b>	<b>332</b>	<b>285</b>	<b>253</b>	<b>308</b>	<b>256</b>
Success Rates	86%	85%	89%	87%	87%
Non-Success Rates	8%	8%	4%	8%	7%
Withdrawals	6%	8%	7%	5%	6%
<b>Distance Education (DE) Sections</b>	<b>135</b>	<b>152</b>	<b>200</b>	<b>164</b>	<b>185</b>
Success Rates	73%	68%	69%	84%	82%
Non-Success Rates	14%	10%	8%	7%	5%
Withdrawals	13%	22%	24%	9%	13%

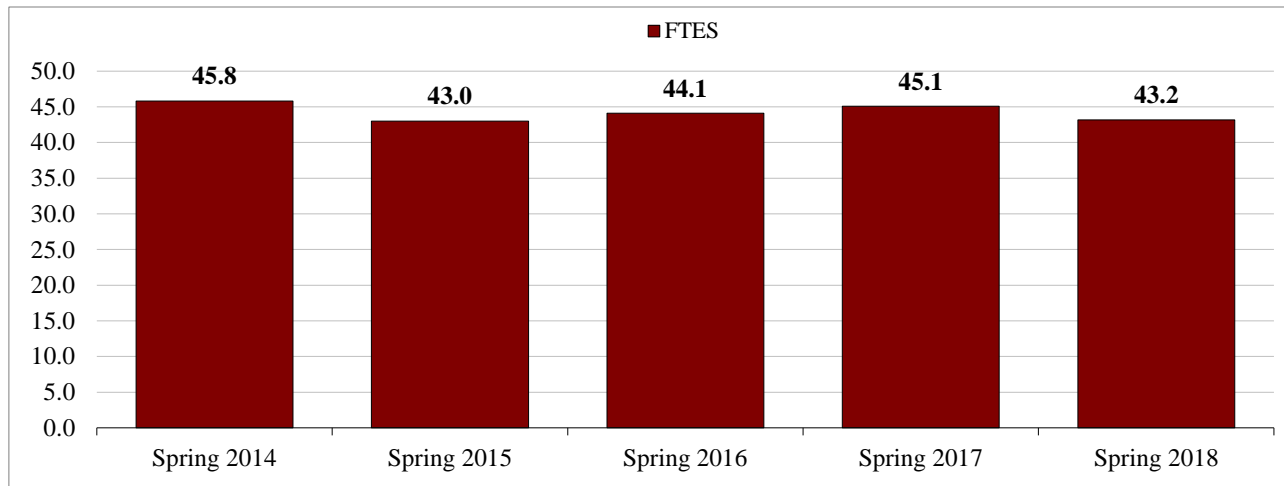
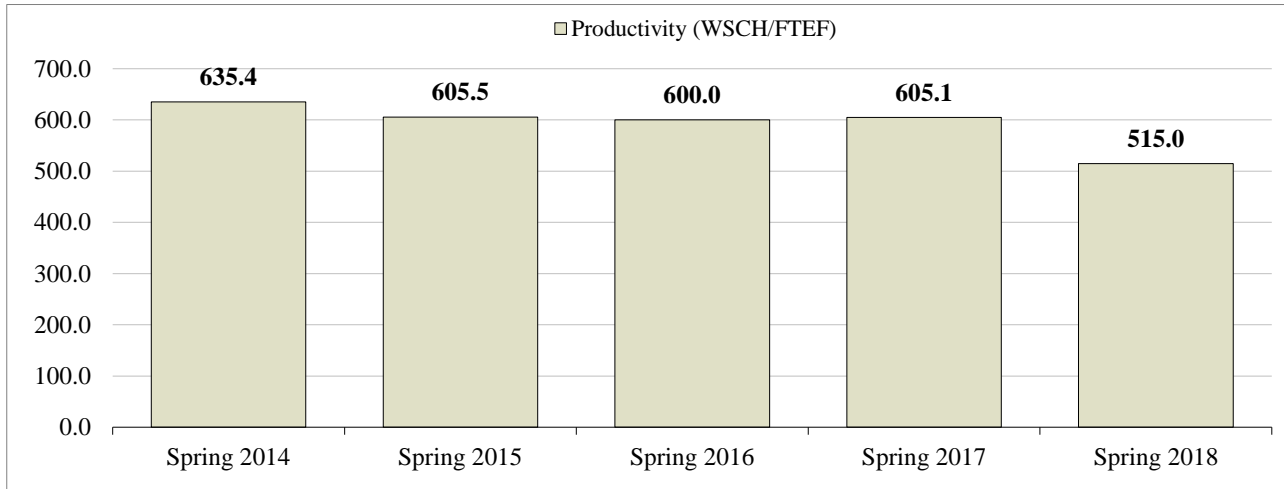


**Definitions:**

- 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

	Geology ( GEOL )				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
WSCH	1,401	1,311	1,359	1,416	1,326
FTEs	45.8	43.0	44.1	45.1	43.2
FTEF	2.2	2.2	2.3	2.3	2.6
Productivity (WSCH/FTEF)	635.4	605.5	600.0	605.1	515.0



**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.

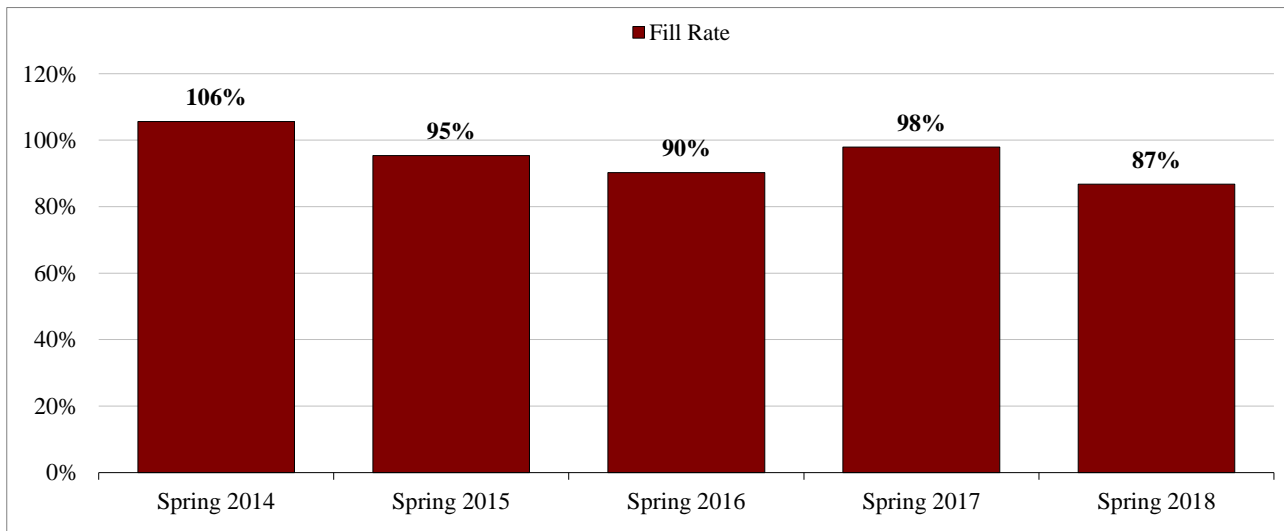
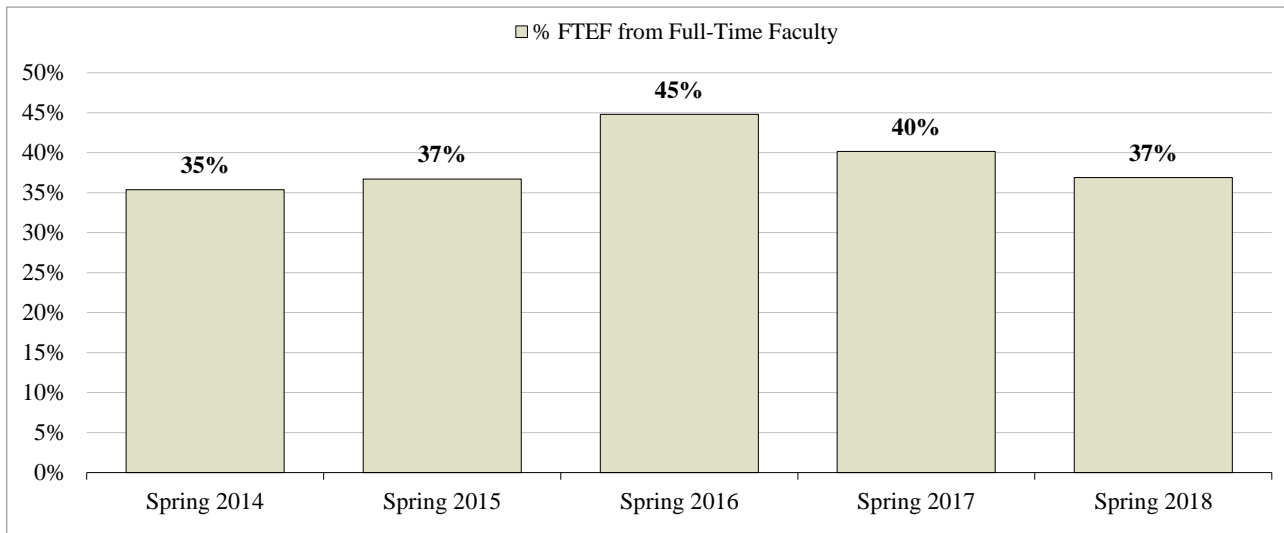
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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

	Geology ( GEOL )				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
FTEF from Full-Time Faculty	0.8	0.8	1.0	0.9	1.0
% FTEF from Full-Time Faculty	35%	37%	45%	40%	37%
Enrollments	467	437	453	472	441
Capacity (seats available)	442	458	502	482	508
Fill Rate	106%	95%	90%	98%	87%



**Definitions:**

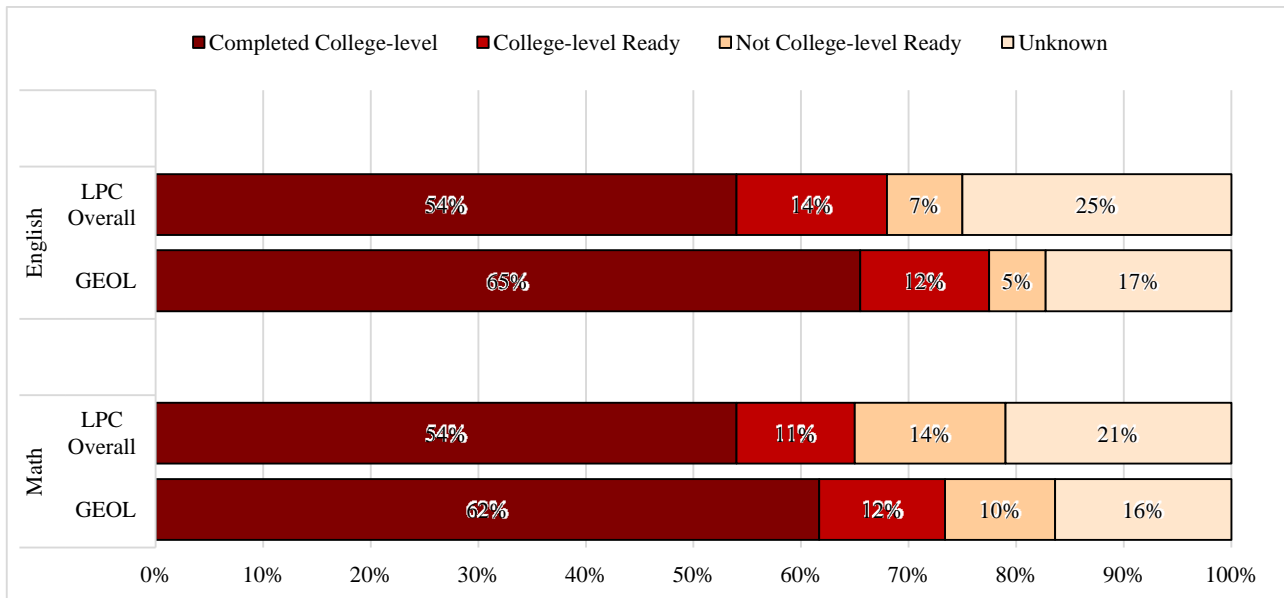
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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				
	GEOL		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	224	65%	4,955	54%
College-level Ready	41	12%	1,319	14%
Not College-level Ready	18	5%	619	7%
Unknown	59	17%	2,260	25%
<b>College Math</b>				
Completed College-level	211	62%	4,980	54%
College-level Ready	40	12%	974	11%
Not College-level Ready	35	10%	1,239	14%
Unknown	56	16%	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.