



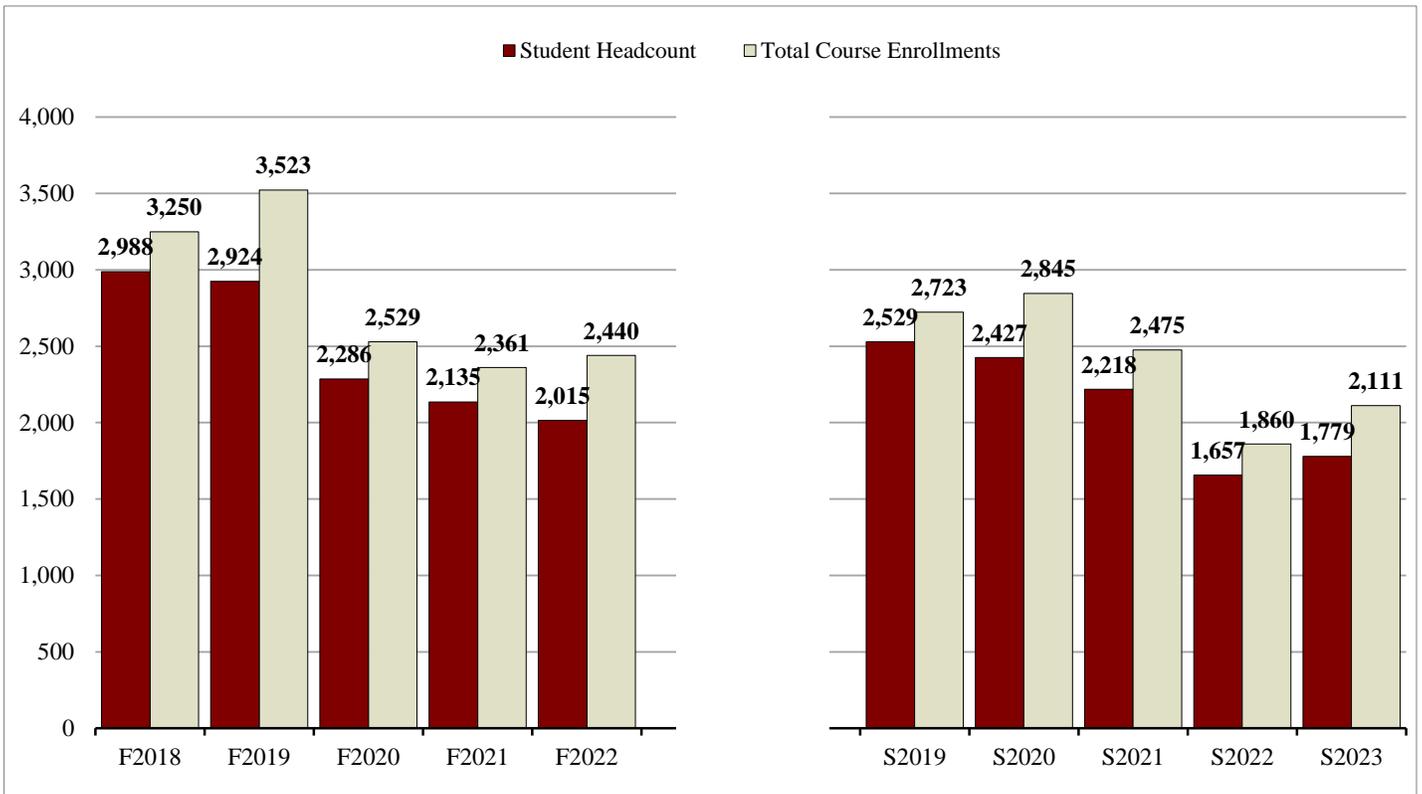
Las Positas College  
**Discipline Program Review Data Packet**  
Fall 2018 to Spring 2023

Discipline:  
**Mathematics (includes Non-Credit)**  
**(MATH/NMAT)**

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## Headcount & Enrollment

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Student Headcount	2,988	2,924	2,286	2,135	2,015	2,529	2,427	2,218	1,657	1,779
Total Course Enrollments	3,250	3,523	2,529	2,361	2,440	2,723	2,845	2,475	1,860	2,111



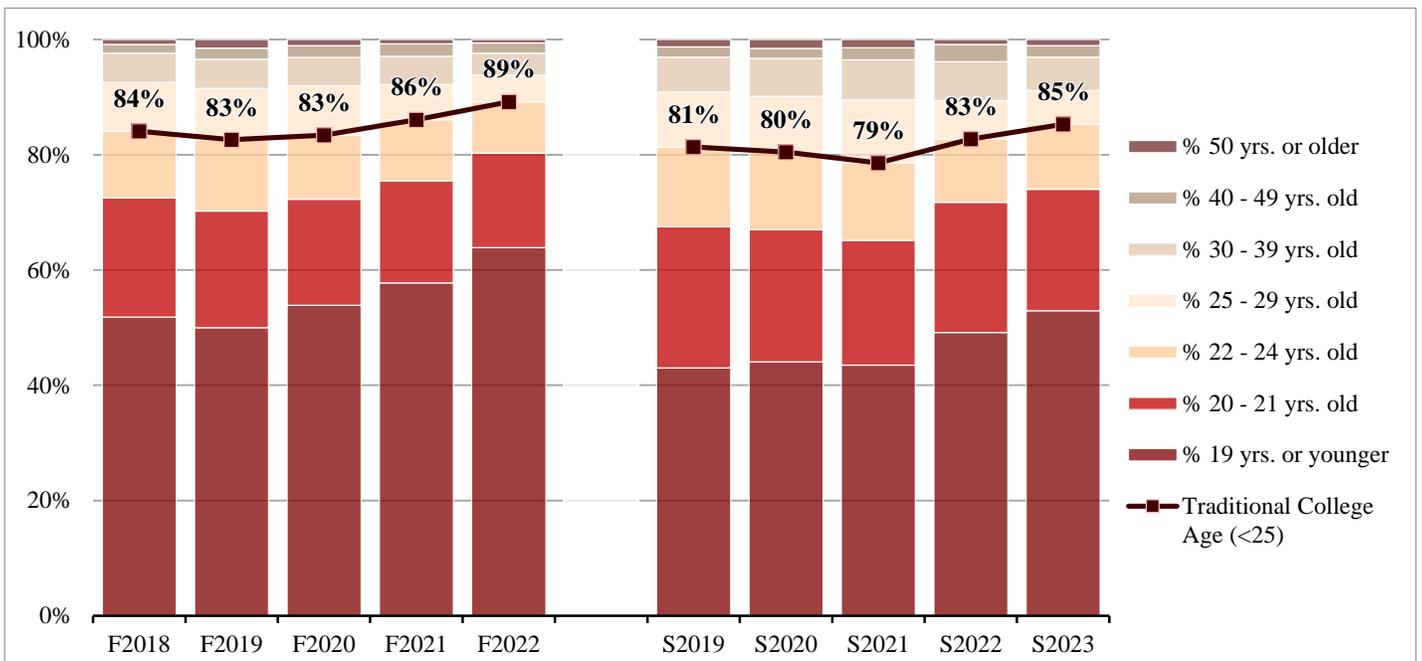
**Definitions:**

**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.

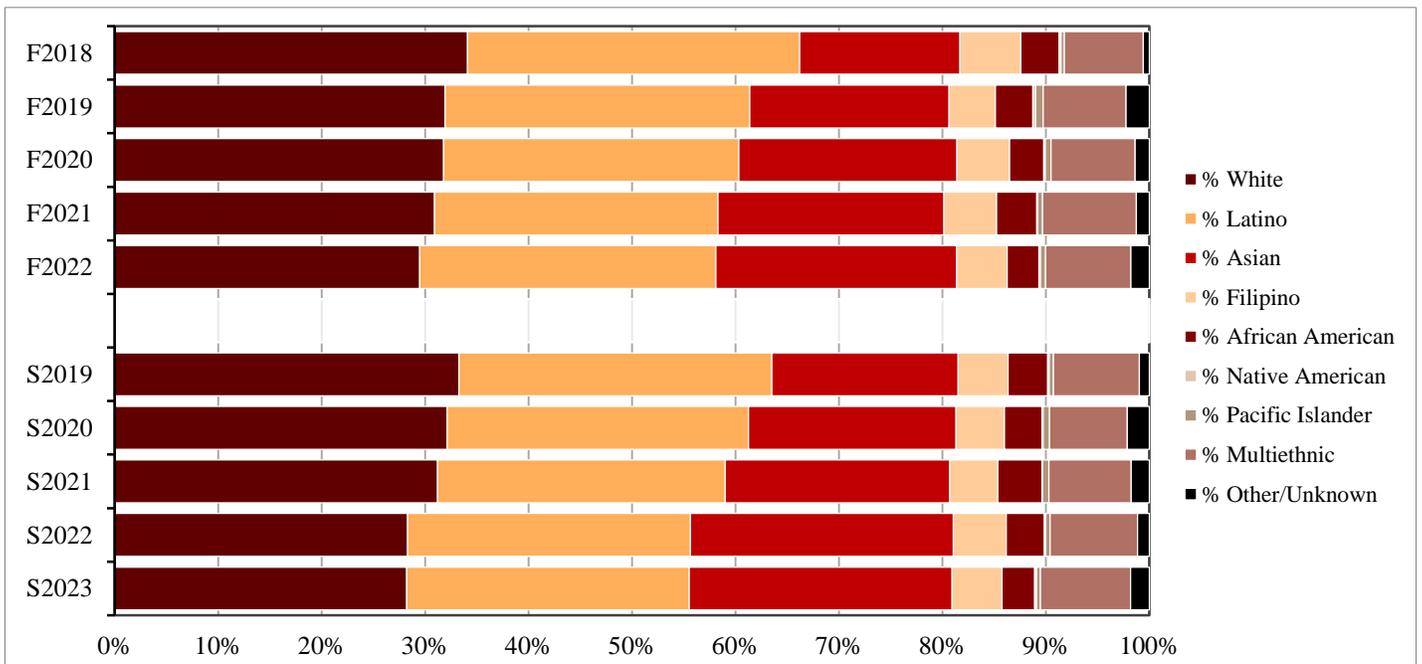
### Student Demographics: Gender & Age

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Female	1,394	1,296	1,072	1,001	901	1,124	1,078	1,028	743	773
Male	1,552	1,566	1,180	1,103	1,070	1,372	1,304	1,149	886	967
19 yrs. or younger	1,549	1,461	1,231	1,233	1,287	1,088	1,069	964	814	942
20-21 yrs. old	618	593	421	378	330	619	557	481	375	375
22-24 yrs. old	346	361	254	227	180	350	327	298	182	200
25-29 yrs. old	254	261	197	131	94	242	235	243	111	105
30-39 yrs. old	149	148	112	104	76	152	160	154	111	102
40-49 yrs. old	46	56	47	46	36	46	42	46	50	36
50 yrs. or older	26	44	24	16	12	32	37	32	14	19
% Female	47%	45%	48%	48%	46%	45%	45%	47%	46%	44%
% Male	53%	55%	52%	52%	54%	55%	55%	53%	54%	56%
% 19 yrs. or younger	52%	50%	54%	58%	64%	43%	44%	43%	49%	53%
% 20 - 21 yrs. old	21%	20%	18%	18%	16%	24%	23%	22%	23%	21%
% 22 - 24 yrs. old	12%	12%	11%	11%	9%	14%	13%	13%	11%	11%
% 25 - 29 yrs. old	9%	9%	9%	6%	5%	10%	10%	11%	7%	6%
% 30 - 39 yrs. old	5%	5%	5%	5%	4%	6%	7%	7%	7%	6%
% 40 - 49 yrs. old	2%	2%	2%	2%	2%	2%	2%	2%	3%	2%
% 50 yrs. or older	1%	2%	1%	1%	1%	1%	2%	1%	1%	1%



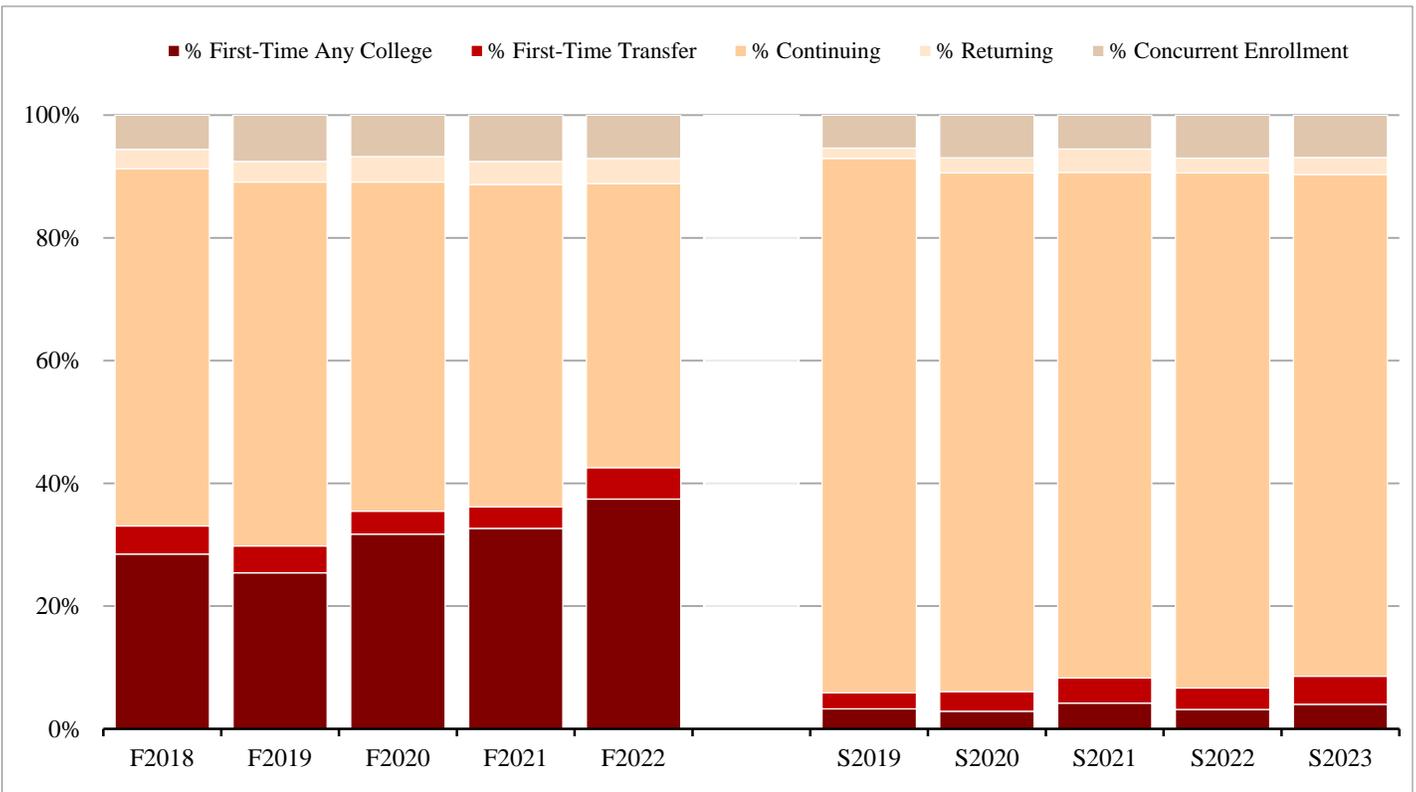
### Student Demographic: Race-Ethnicity

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
African American	111	106	76	83	62	97	88	95	61	56
Asian	463	563	482	466	469	456	487	481	421	452
Filipino	176	131	116	109	98	122	113	103	85	86
Latino	959	861	652	585	577	764	707	617	453	486
Native American	5	8	3	2	3	3	3	1	2	3
Pacific Islander	10	21	13	10	10	11	15	14	7	7
White	1,019	934	727	660	594	842	780	692	469	502
Multiethnic	228	234	186	193	166	210	182	176	140	155
Other/Unknown	17	66	31	27	36	24	52	39	19	32
% African American	4%	4%	3%	4%	3%	4%	4%	4%	4%	3%
% Asian	15%	19%	21%	22%	23%	18%	20%	22%	25%	25%
% Filipino	6%	4%	5%	5%	5%	5%	5%	5%	5%	5%
% Latino	32%	29%	29%	27%	29%	30%	29%	28%	27%	27%
% Native American	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
% Pacific Islander	<1%	1%	1%	<1%	0%	<1%	1%	1%	<1%	<1%
% White	34%	32%	32%	31%	29%	33%	32%	31%	28%	28%
% Multiethnic	8%	8%	8%	9%	8%	8%	7%	8%	8%	9%
% Other/Unknown	1%	2%	1%	1%	2%	1%	2%	2%	1%	2%



### Student Enrollment Status

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
First-Time Any College	851	743	725	697	754	82	70	93	52	71
First-Time Transfer	137	128	86	75	103	67	77	91	58	82
Continuing	1,739	1,734	1,226	1,122	933	2,202	2,051	1,827	1,391	1,454
Returning	94	99	95	80	82	42	60	84	40	49
Concurrent Enrollment	167	220	154	161	142	136	169	123	116	123
% First-Time Any College	28%	25%	32%	33%	37%	3%	3%	4%	3%	4%
% First-Time Transfer	5%	4%	4%	4%	5%	3%	3%	4%	4%	5%
% Continuing	58%	59%	54%	53%	46%	87%	85%	82%	84%	82%
% Returning	3%	3%	4%	4%	4%	2%	2%	4%	2%	3%
% Concurrent Enrollment	6%	8%	7%	8%	7%	5%	7%	6%	7%	7%



**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.

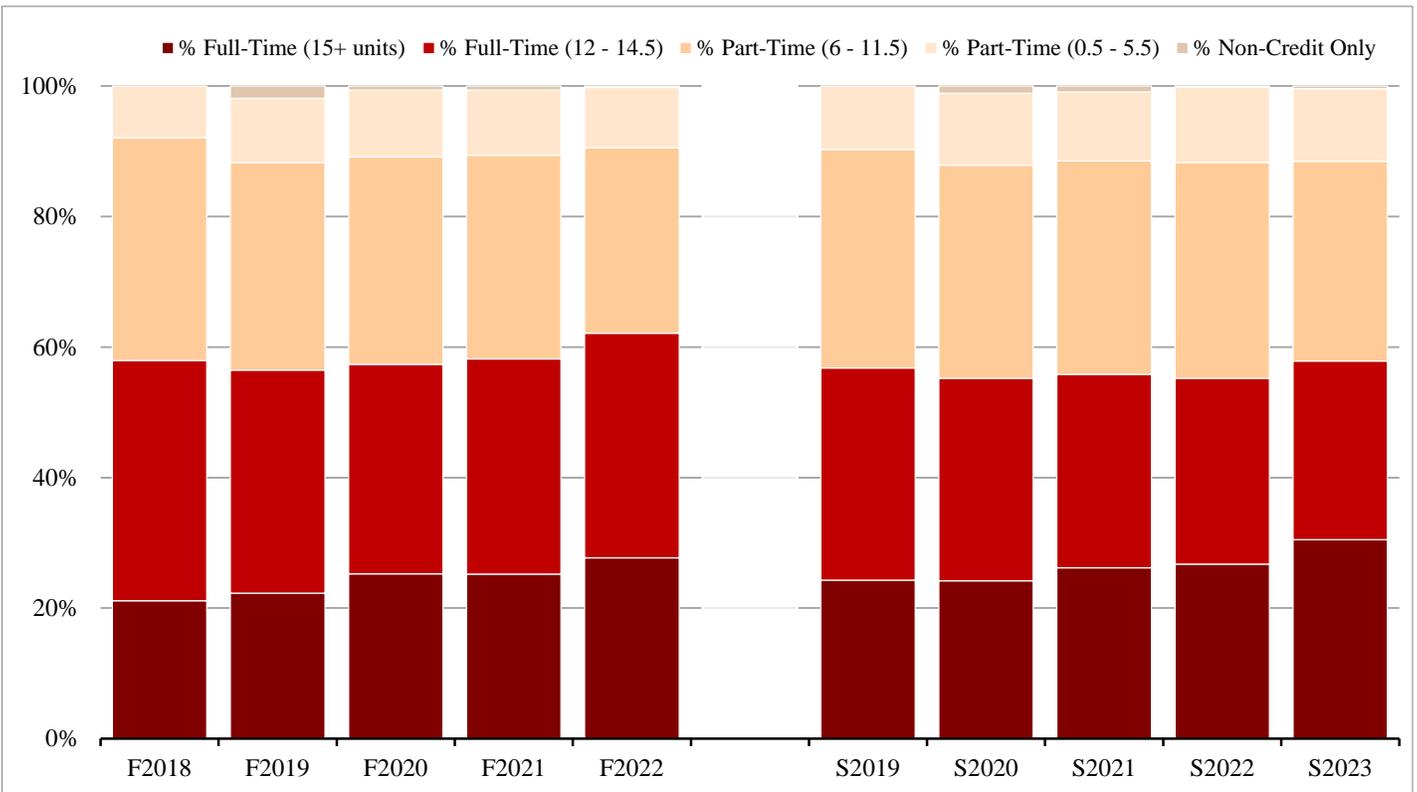
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

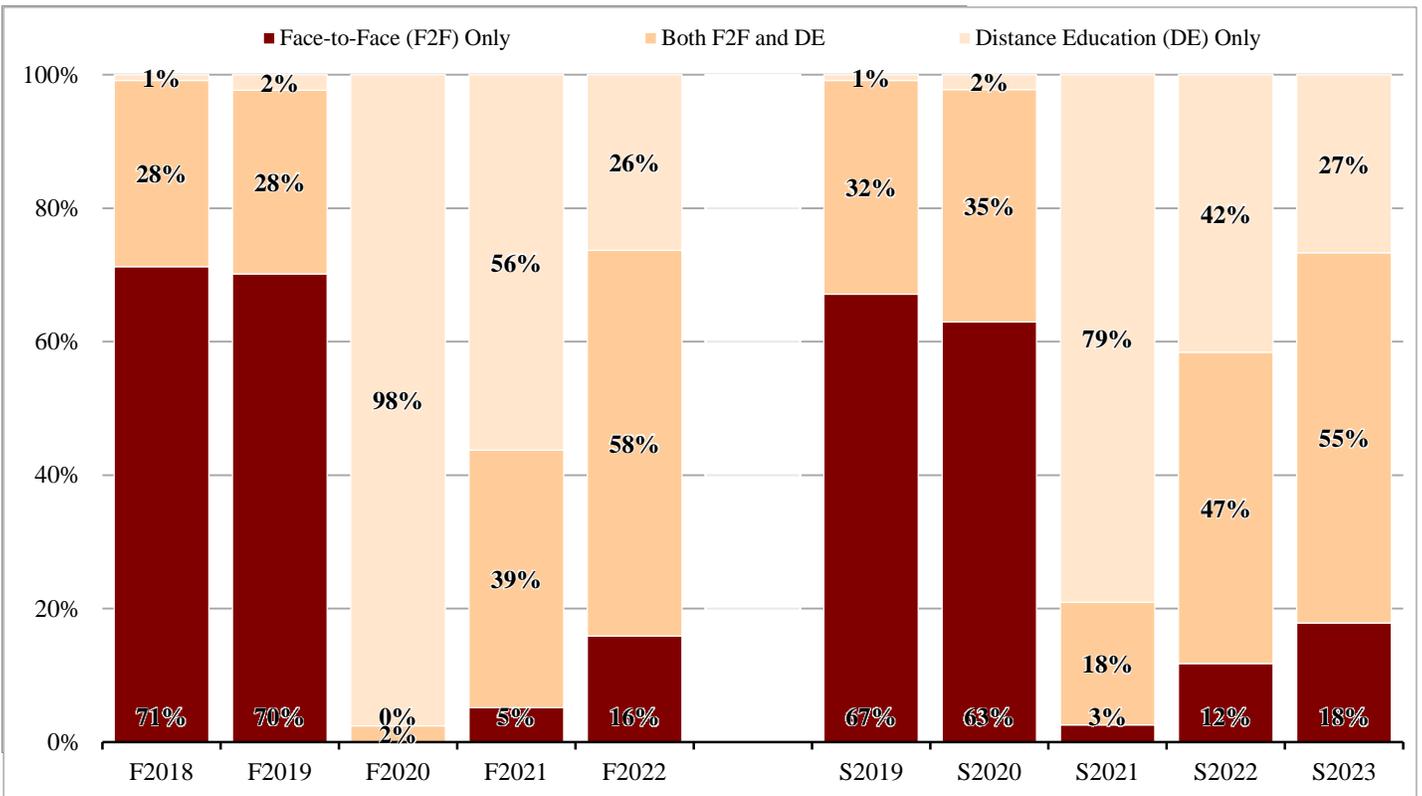
### Student Unit Load

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Full-Time (15+ units)	632	652	577	538	558	614	587	581	443	542
Full-Time (12 - 14.5 units)	1,100	999	734	704	694	822	753	657	472	487
Part-Time (6 - 11.5 units)	1,020	929	726	667	573	847	792	725	548	545
Part-Time (0.5 - 5.5 units)	236	289	234	212	185	246	268	235	192	198
Non-Credit Only	0	55	15	14	5	0	27	20	2	7
% Full-Time (15+ units)	21%	22%	25%	25%	28%	24%	24%	26%	27%	30%
% Full-Time (12 - 14.5)	37%	34%	32%	33%	34%	33%	31%	30%	28%	27%
% Part-Time (6 - 11.5)	34%	32%	32%	31%	28%	33%	33%	33%	33%	31%
% Part-Time (0.5 - 5.5)	8%	10%	10%	10%	9%	10%	11%	11%	12%	11%
% Non-Credit Only	0%	2%	1%	1%	<1%	0%	1%	1%	<1%	<1%



### Students Using Distance Education

Mathematics (includes Non-Credit) ( MATH/NMAT )										
<i>(Categories reflect college-wide coursework)</i>	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Face-to-Face (F2F) Only	2,129	2,051	0	110	320	1,697	1,528	57	195	317
Both F2F and DE	833	805	56	824	1,165	810	845	408	773	987
Distance Education (DE) Only	26	68	2,230	1,201	530	22	54	1,753	689	475
% Face-to-Face (F2F) Only	71%	70%	0%	5%	16%	67%	63%	3%	12%	18%
% Both F2F and DE	28%	28%	2%	39%	58%	32%	35%	18%	47%	55%
% Distance Education (DE) Only	1%	2%	98%	56%	26%	1%	2%	79%	42%	27%

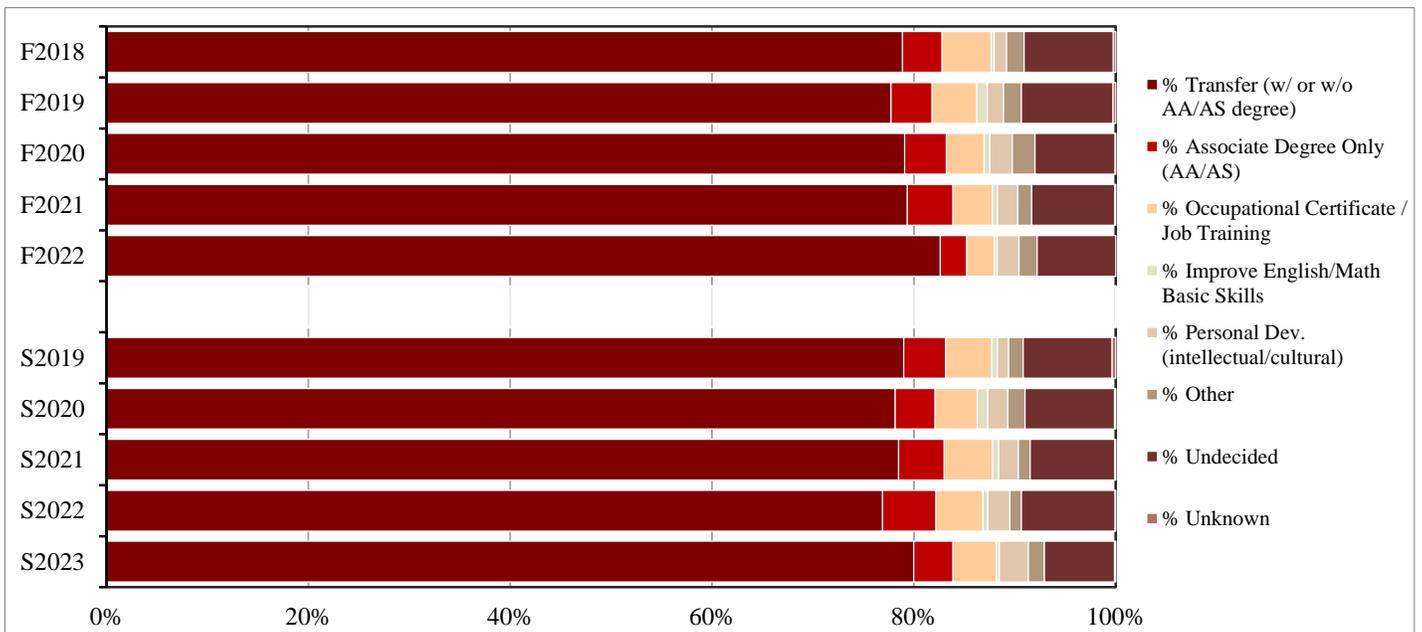


**Definitions:**

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

### Student Educational Goal

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Transfer (w/ or w/o AA/AS degree)	2,357	2,273	1,808	1,694	1,665	1,998	1,897	1,741	1,274	1,423
Associate Degree Only (AA/AS)	117	119	94	97	52	105	96	100	88	69
Occupational Certificate / Job Training	145	130	86	83	56	115	101	106	77	77
Improve English/Math Basic Skills	9	30	13	11	5	15	25	14	8	5
Personal Development (intellectual/cultural)	37	47	51	43	44	28	48	43	36	51
Other	52	52	51	29	36	36	42	26	19	28
Undecided	264	265	182	176	157	223	215	186	154	124
Unknown	7	8	1	2	0	9	3	2	1	2
% Transfer (w/ or w/o AA/AS degree)	79%	78%	79%	79%	83%	79%	78%	78%	77%	80%
% Associate Degree Only (AA/AS)	4%	4%	4%	5%	3%	4%	4%	5%	5%	4%
% Occupational Certificate / Job Training	5%	4%	4%	4%	3%	5%	4%	5%	5%	4%
% Improve English/Math Basic Skills	<1%	1%	1%	1%	<1%	1%	1%	1%	<1%	<1%
% Personal Dev. (intellectual/cultural)	1%	2%	2%	2%	2%	1%	2%	2%	2%	3%
% Other	2%	2%	2%	1%	2%	1%	2%	1%	1%	2%
% Undecided	9%	9%	8%	8%	8%	9%	9%	8%	9%	7%
% Unknown	<1%	<1%	<1%	<1%	0%	<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.

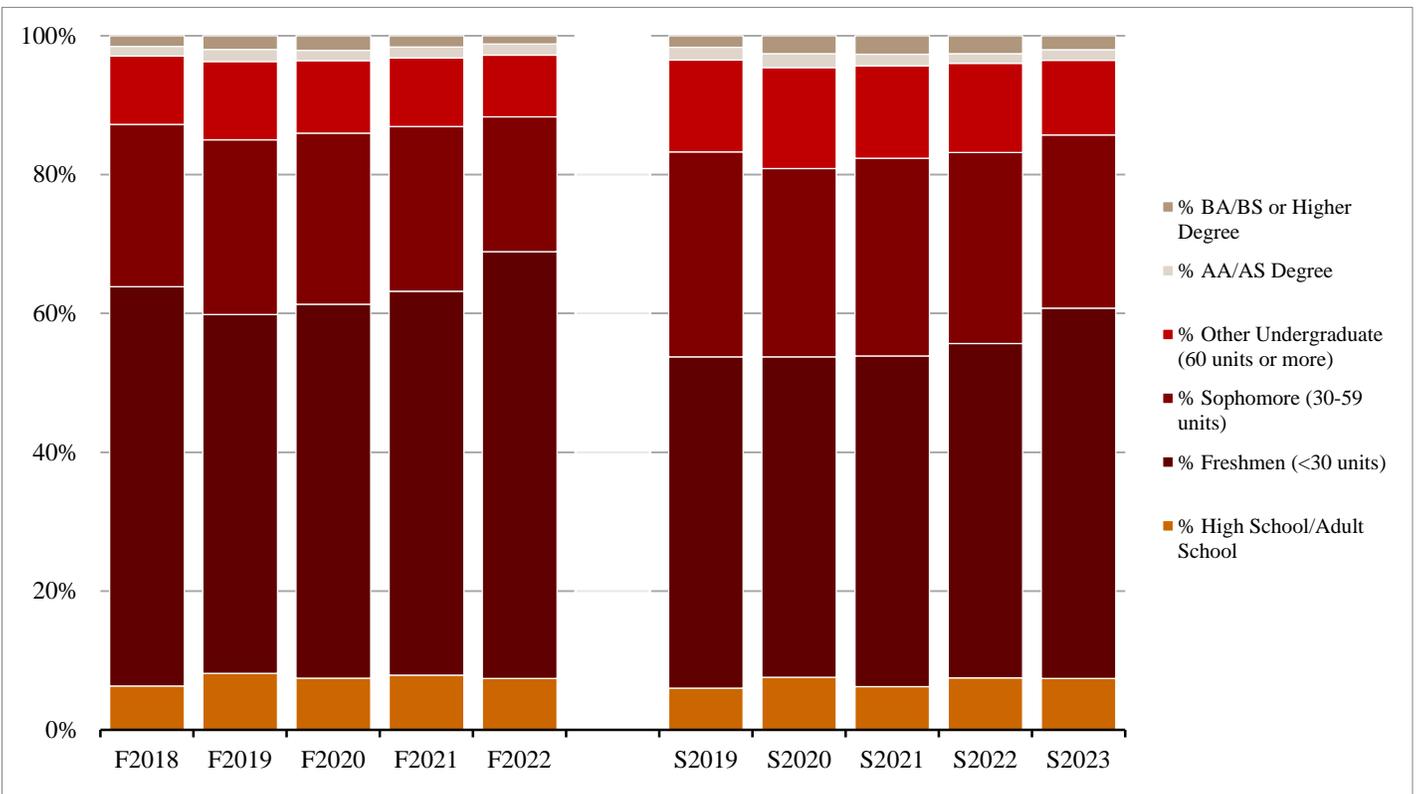
**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**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.

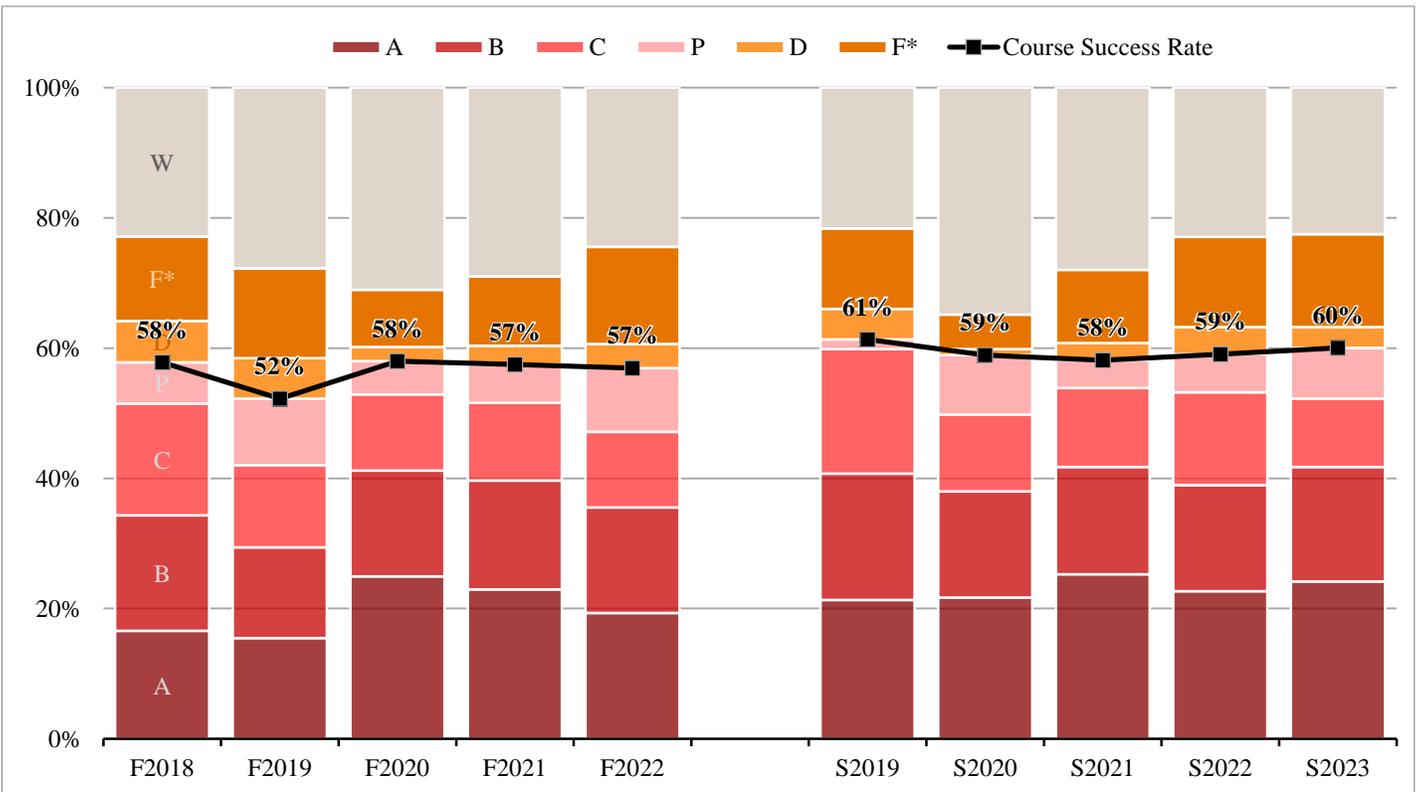
### Highest Educational Level of Students

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
High School/Adult School	189	238	170	168	149	152	184	138	124	132
Freshmen (<30 units)	1,719	1,512	1,232	1,181	1,239	1,207	1,120	1,057	798	949
Sophomore (30-59 units)	699	736	563	507	392	747	659	632	456	444
Other Undergraduate (60 units or more)	294	330	239	211	179	335	353	295	213	191
AA/AS Degree	41	50	34	33	32	46	48	37	23	27
BA/BS or Higher Degree	46	58	48	35	24	42	63	59	43	36
<b>% High School/Adult School</b>	6%	8%	7%	8%	7%	6%	8%	6%	7%	7%
<b>% Freshmen (&lt;30 units)</b>	58%	52%	54%	55%	61%	48%	46%	48%	48%	53%
<b>% Sophomore (30-59 units)</b>	23%	25%	25%	24%	19%	30%	27%	28%	28%	25%
<b>% Other Undergraduate (60 units or more)</b>	10%	11%	10%	10%	9%	13%	15%	13%	13%	11%
<b>% AA/AS Degree</b>	1%	2%	1%	2%	2%	2%	2%	2%	1%	2%
<b>% BA/BS or Higher Degree</b>	2%	2%	2%	2%	1%	2%	3%	3%	3%	2%



### Student Performance: Grade Distribution

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
<b>Total Course Enrollments</b>	<b>3,250</b>	<b>3,523</b>	<b>2,529</b>	<b>2,361</b>	<b>2,440</b>	<b>2,723</b>	<b>2,845</b>	<b>2,475</b>	<b>1,860</b>	<b>2,111</b>
<b>Course Success Rates</b>	<b>58%</b>	<b>52%</b>	<b>58%</b>	<b>57%</b>	<b>57%</b>	<b>61%</b>	<b>59%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>
A	17%	15%	25%	23%	19%	21%	22%	25%	23%	24%
B	18%	14%	16%	17%	16%	19%	16%	16%	16%	18%
C	17%	13%	12%	12%	12%	19%	12%	12%	14%	11%
P	6%	10%	5%	6%	10%	2%	9%	4%	6%	8%
<b>Course Non-Success Rate</b>	<b>19%</b>	<b>20%</b>	<b>11%</b>	<b>13%</b>	<b>19%</b>	<b>17%</b>	<b>6%</b>	<b>14%</b>	<b>18%</b>	<b>17%</b>
D	6%	6%	2%	3%	4%	5%	1%	3%	4%	3%
F*	13%	14%	9%	11%	15%	12%	5%	11%	14%	14%
<b>Withdrawals (See Note)</b>	<b>23%</b>	<b>28%</b>	<b>31%</b>	<b>29%</b>	<b>24%</b>	<b>22%</b>	<b>35%</b>	<b>28%</b>	<b>23%</b>	<b>23%</b>



**Definitions:**

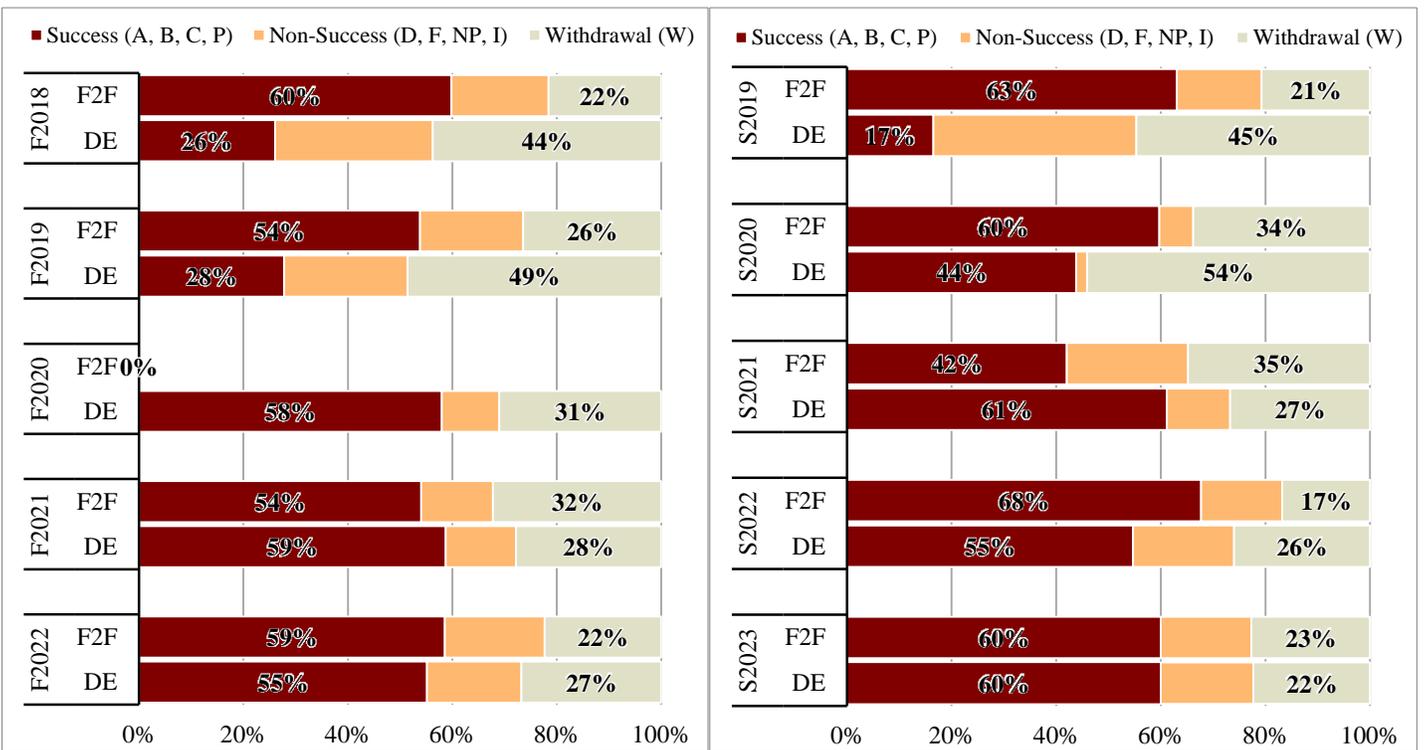
**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D' or F\* (includes: 'F', 'NP', 'I', 'NCD', 'NCF', or 'NCNP').

**Withdrawals** are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

### Student Performance: Distance Education

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
<b>Total Course Enrollments</b>	3,250	3,523	2,529	2,361	2,440	2,723	2,845	2,475	1,860	2,111
<b>Face-to-Face (F2F) Sections</b>	3,058	3,311	0	614	1,245	2,620	2,699	389	625	1,093
Success Rates	60%	54%	—	54%	59%	63%	60%	42%	68%	60%
Non-Success Rates	19%	20%	—	14%	19%	16%	6%	23%	16%	17%
Withdrawals	22%	26%	—	32%	22%	21%	34%	35%	17%	23%
<b>Distance Education (DE) Sections</b>	192	212	2,529	1,747	1,195	103	146	2,086	1,235	1,018
Success Rates	26%	28%	58%	59%	55%	17%	44%	61%	55%	60%
Non-Success Rates	30%	24%	11%	13%	18%	39%	2%	12%	19%	18%
Withdrawals	44%	49%	31%	28%	27%	45%	54%	27%	26%	22%



**Definitions:**

**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

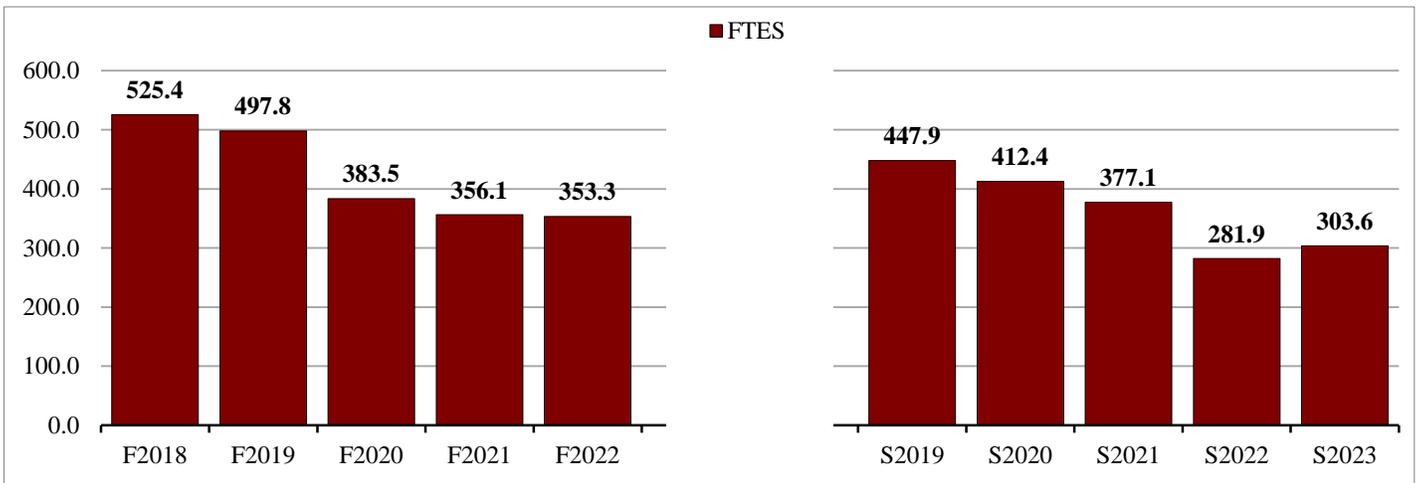
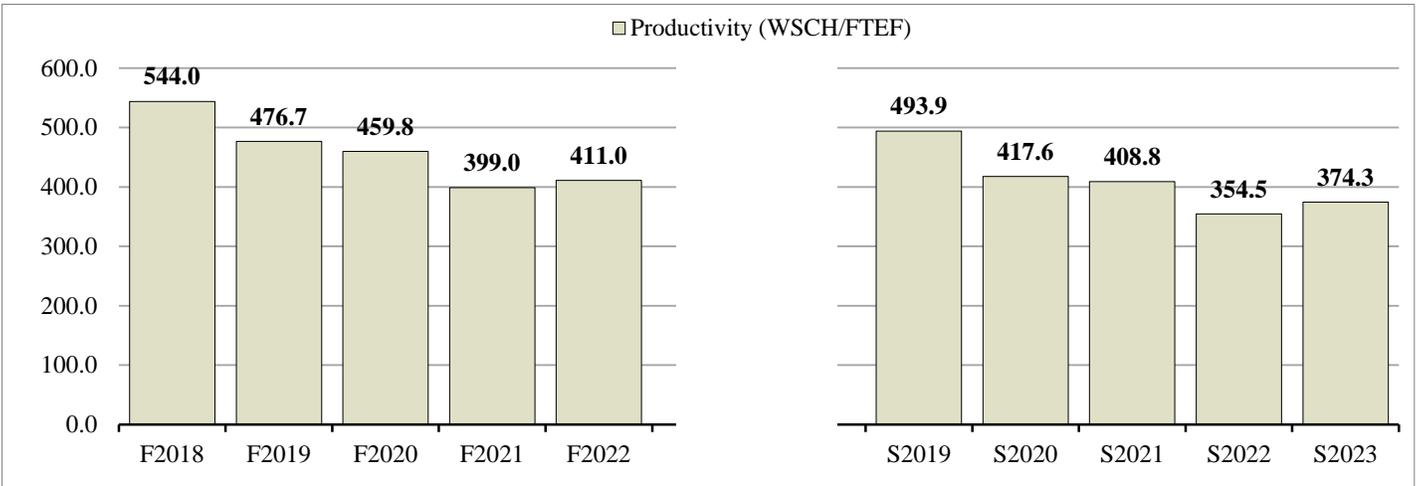
**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

**Withdrawals** are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

## Enrollment Management: Part 1

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
WSCH	16,086	15,366	11,809	10,870	10,887	13,782	12,728	11,659	8,640	9,429
FTES	525.4	497.8	383.5	356.1	353.3	447.9	412.4	377.1	281.9	303.6
FTEF	29.6	32.2	25.7	27.2	26.5	27.9	30.5	28.5	24.4	25.2
Productivity (WSCH/FTEF)	544.0	476.7	459.8	399.0	411.0	493.9	417.6	408.8	354.5	374.3



**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.

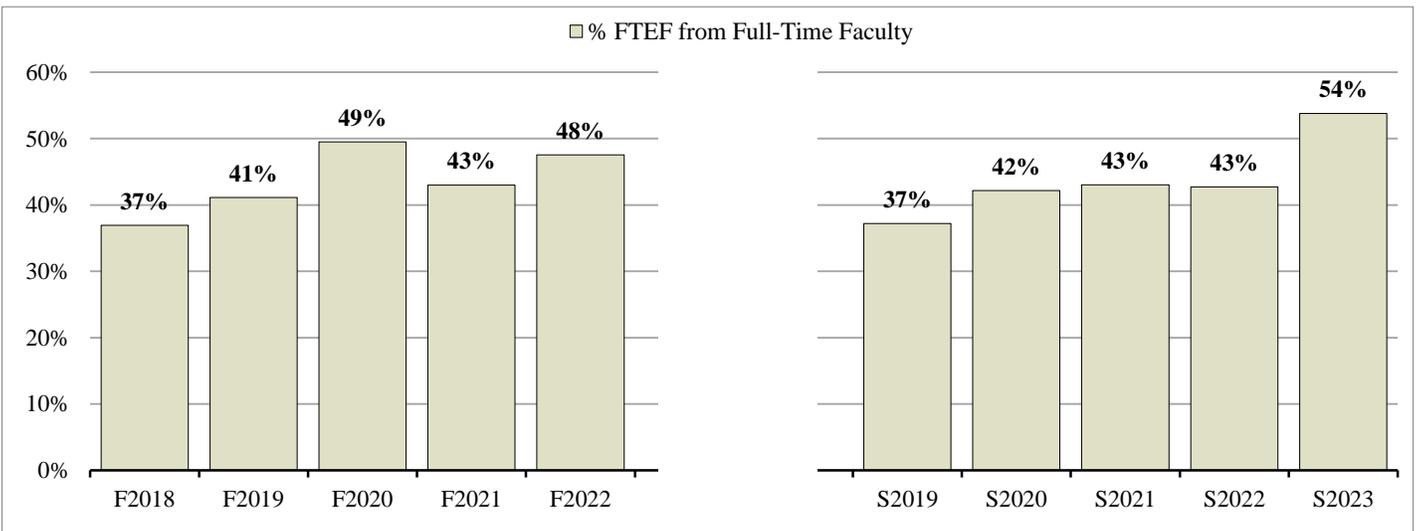
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

**Note:** Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/25/23.

## Enrollment Management: Part 2

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
FTEF from Full-Time Faculty	10.9	13.3	12.7	11.7	12.6	10.4	12.9	12.3	10.4	13.5
% FTEF from Full-Time Faculty	37%	41%	49%	43%	48%	37%	42%	43%	43%	54%
Enrollments	3,250	3,523	2,529	2,361	2,440	2,723	2,845	2,475	1,860	2,111
Capacity (seats available)	3,552	4,128	3,215	3,415	3,334	3,415	4,013	3,687	3,109	3,074
Fill Rate	91%	85%	79%	69%	73%	80%	71%	67%	60%	69%



**Definitions:**

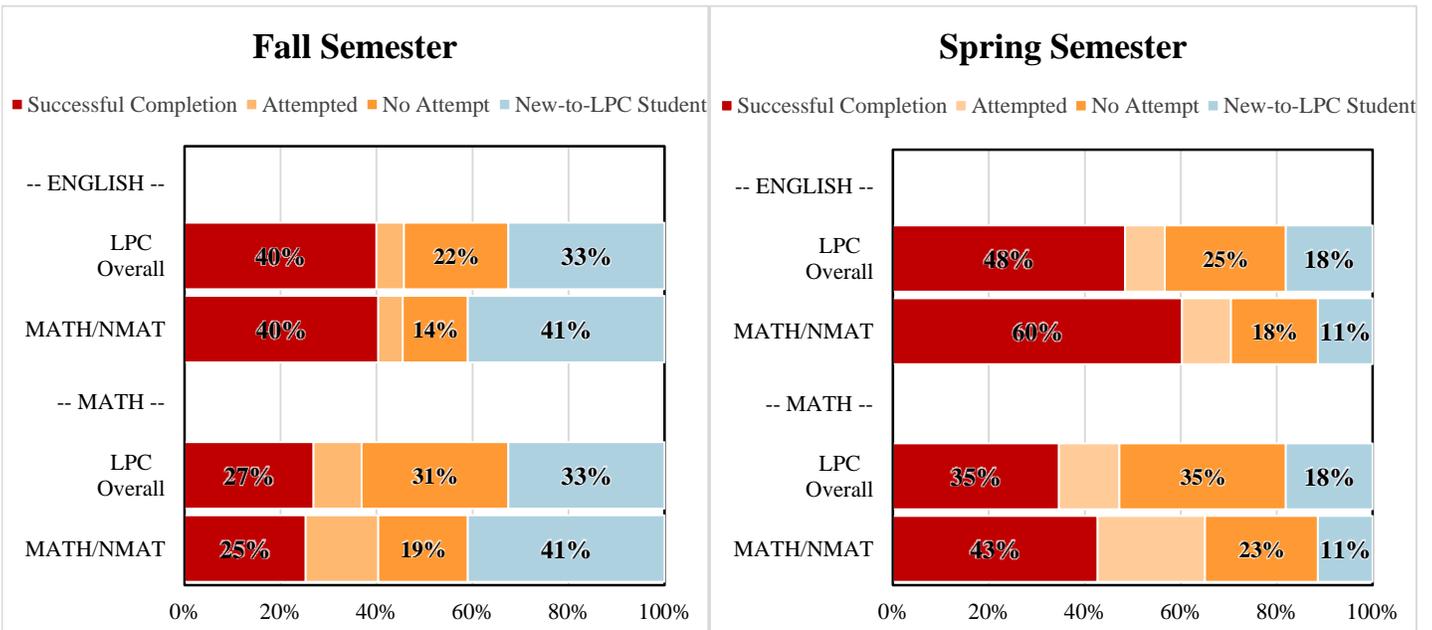
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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 are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/25/23.

### Prior Experience in English & Math

<i>(English and math status prior to the start of the term)</i>	Fall 2022				Spring 2023			
	MATH/NMAT		LPC Overall		MATH/NMAT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
<b>Transfer-level English</b>								
Successful Completion*	813	40%	2,729	40%	1,072	60%	3,203	48%
Attempted ( <i>not successful</i> )	103	5%	391	6%	182	10%	546	8%
No Attempt	273	14%	1,484	22%	322	18%	1,672	25%
New-to-LPC Student	826	41%	2,221	33%	203	11%	1,197	18%
<b>Transfer-level Math</b>								
Successful Completion*	508	25%	1,835	27%	759	43%	2,288	35%
Attempted ( <i>not successful</i> )	305	15%	683	10%	399	22%	837	13%
No Attempt	376	19%	2,086	31%	418	23%	2,296	35%
New-to-LPC Student	826	41%	2,221	33%	203	11%	1,197	18%



**Definitions:**

**Transfer-Level English:**

- Successful Completion** = earned a passing grade in ENG 1A or 1AEX, or attempted a higher transfer-level course in the sequence in prior terms.
- Attempted (no successful completion)** = attempted ENG 1A or 1AEX in prior terms but did not receive a passing grade.
- No Prior Attempt** = no prior enrollment in transfer-level English within the sequence.
- New LPC Student** = enrollments from students with no for credit enrollments within our district prior to the current term.

**Transfer-Level Math:**

- Successful Completion** = earned a passing grade in a transfer-level math course or attempted a higher transfer-level course in the sequence in prior terms.
- Attempted (no successful completion)** = attempted an entry transfer-level math course in prior terms but did not receive a passing grade.
- No Prior Attempt** = no prior enrollment in transfer-level math within the sequence.
- New-to-LPC Student** = enrollments from students with no for credit enrollments within our district prior to the current term.