



NYU

**TANDON SCHOOL
OF ENGINEERING**

Report on

Enrollment & Retention

Based on Official Data
for
Spring 2020

Prepared by the
Office of Assessment and Institutional Research

February 17, 2020

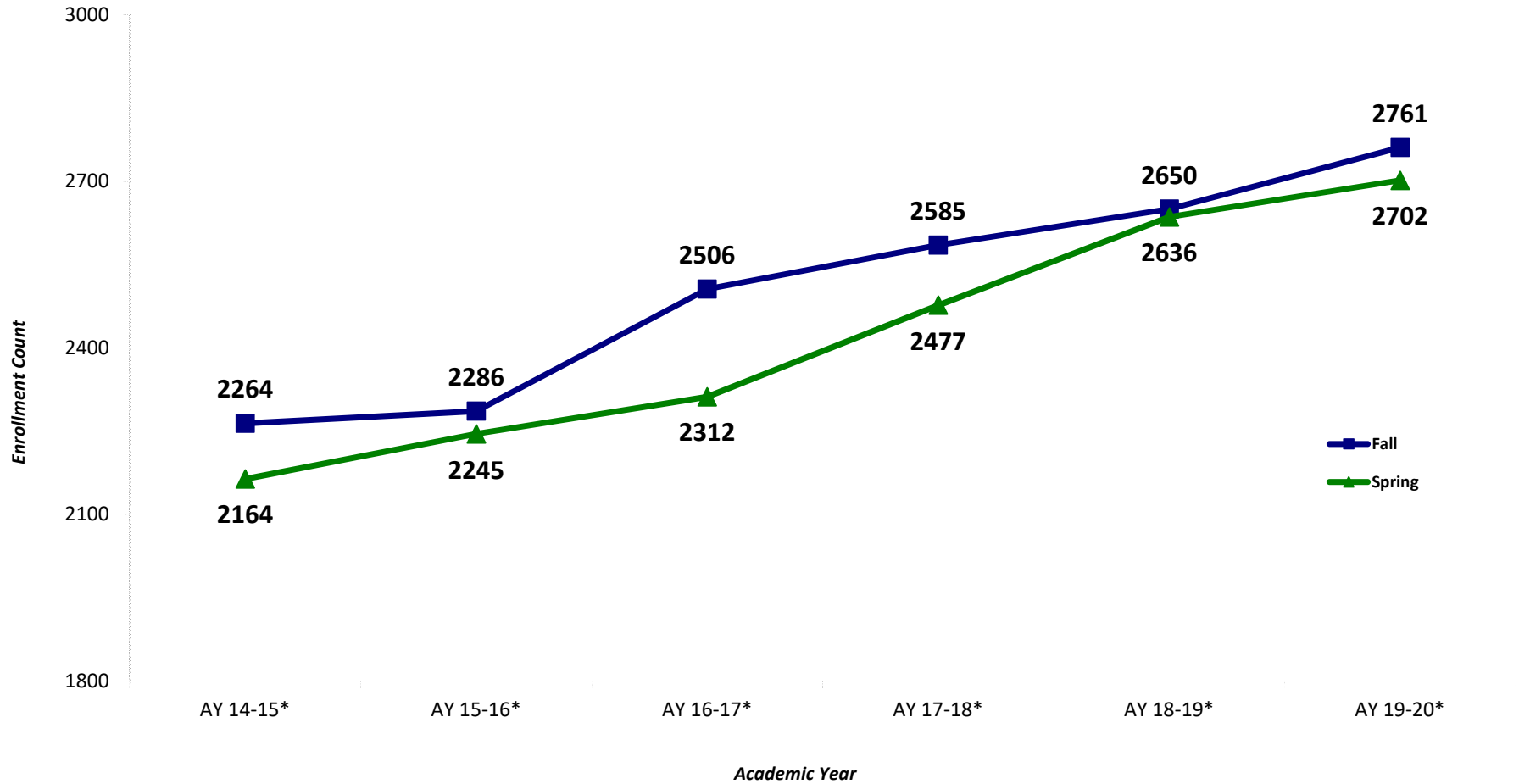


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Undergraduate Enrollment

(Official, February 17, 2020)

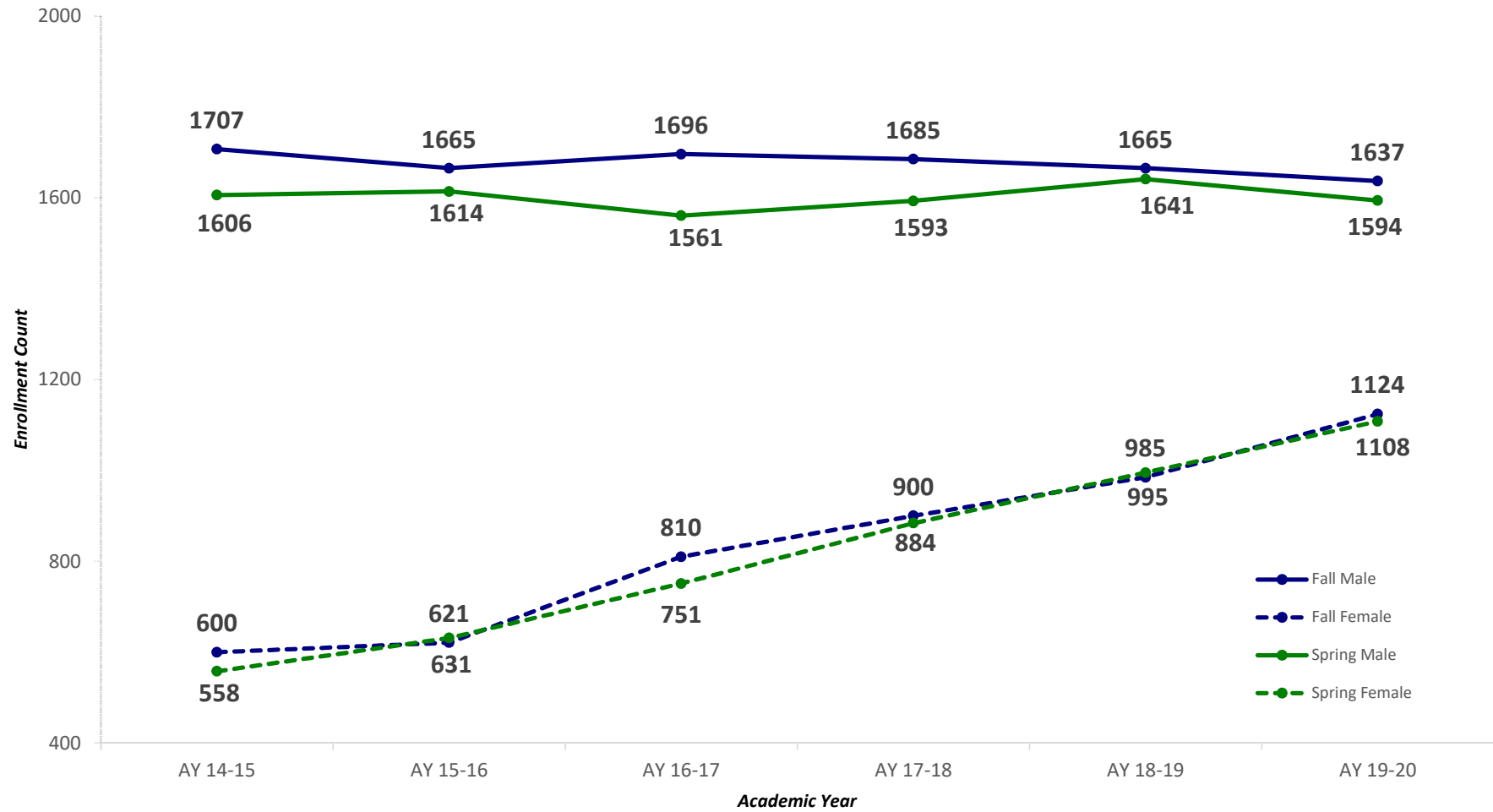


	AY 14-15*	AY 15-16*	AY 16-17*	AY 17-18*	AY 18-19*	AY 19-20*
Fall	2264	2286	2506	2585	2650	2761
Spring	2164	2245	2312	2477	2636	2702
% Drop F-S	-4.4%	-1.8%	-7.7%	-4.2%	-0.5%	-2.1%

* University Visitors are included in the overall Undergraduate Enrollment Headcount

Undergraduate Enrollment by Gender

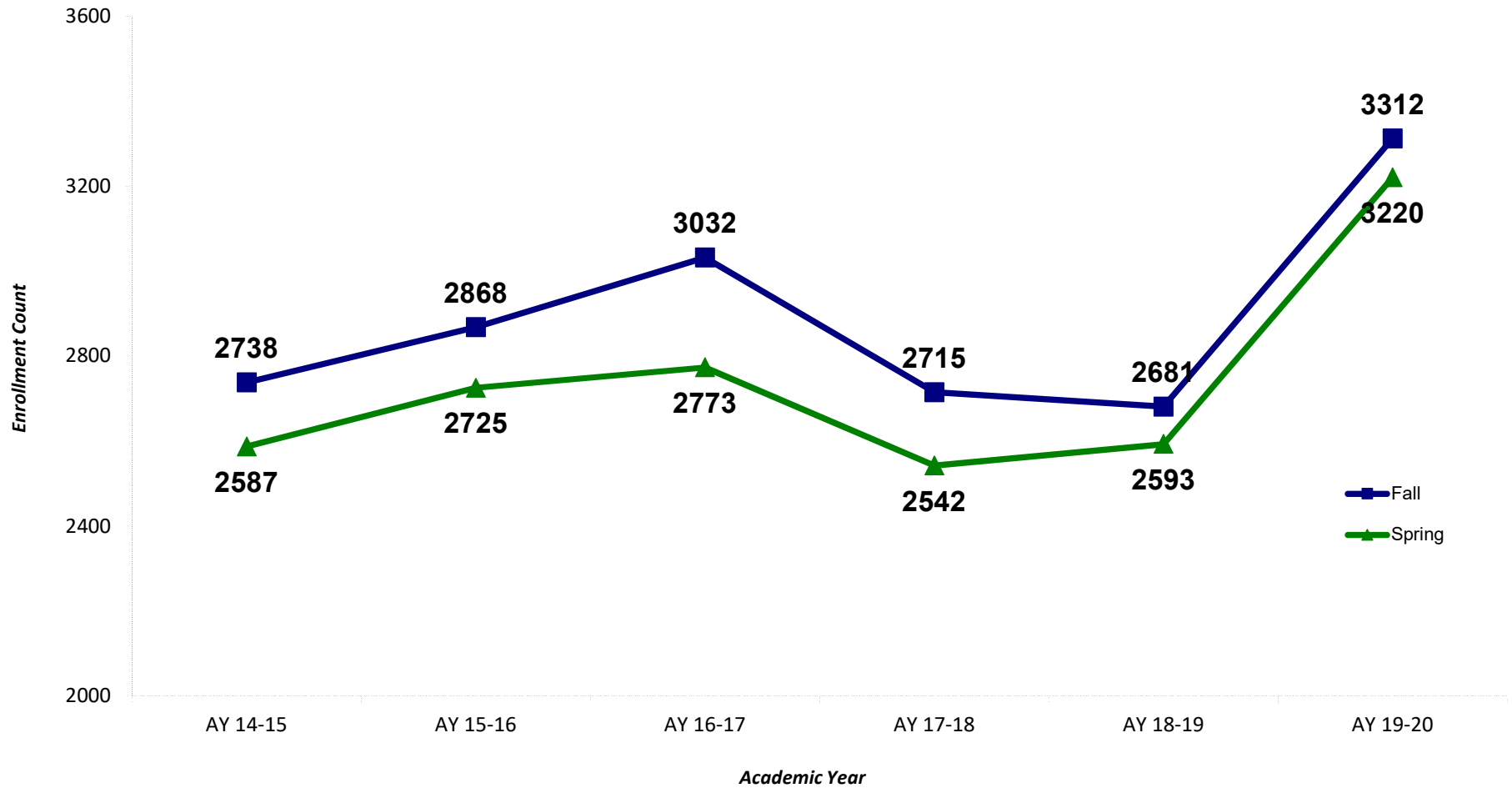
(Official, February 17, 2020)



Term-Gender	AY 14-15	AY 15-16	AY 16-17	AY 17-18	AY 18-19	AY 19-20
Fall Male	1707	1665	1696	1685	1665	1637
Fall Female	600	621	810	900	985	1124
Spring Male	1606	1614	1561	1593	1641	1594
Spring Female	558	631	751	884	995	1108

Graduate Enrollment

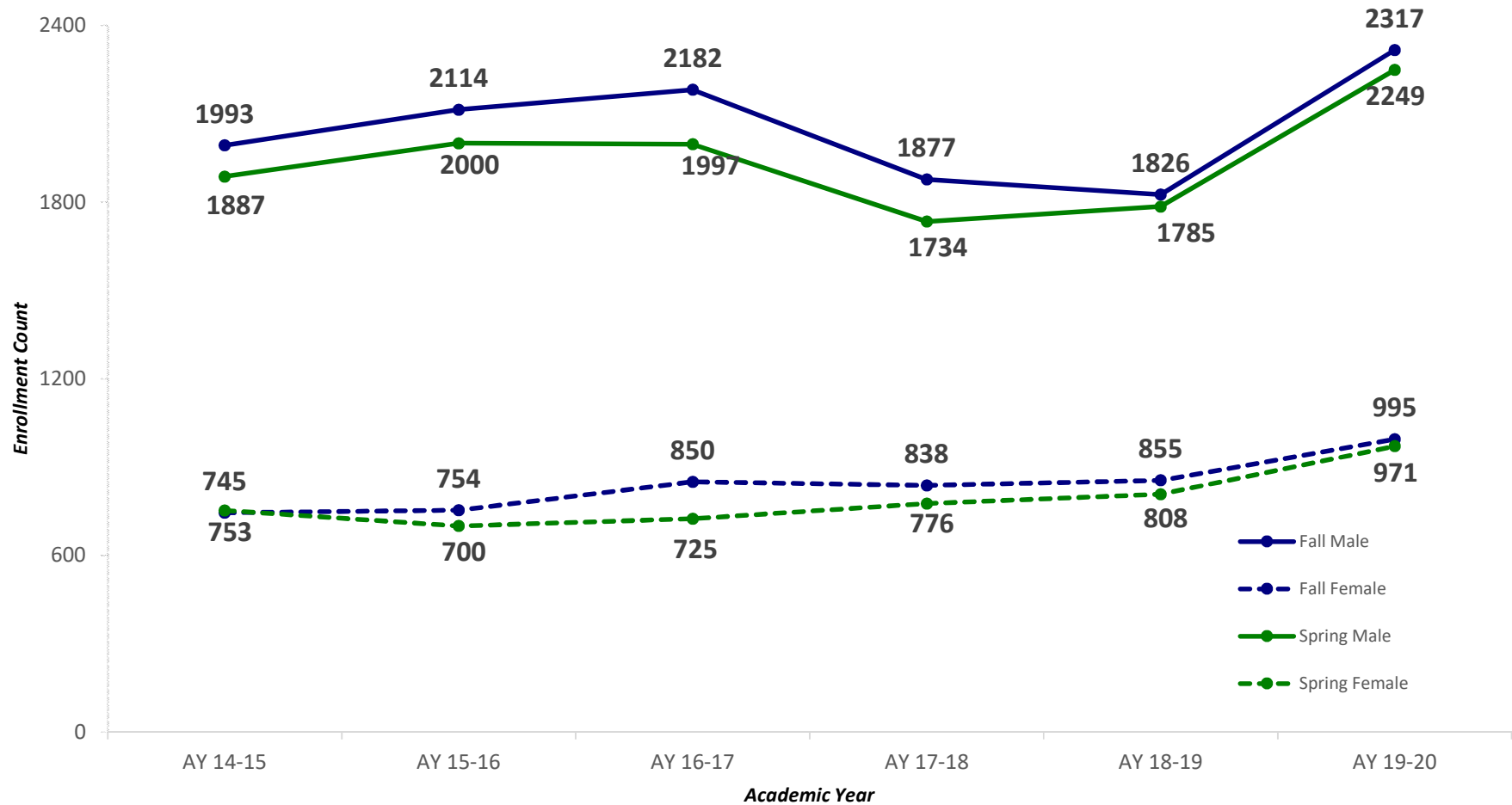
(Official, February 17, 2020)



	AY 14-15	AY 15-16	AY 16-17	AY 17-18	AY 18-19	AY 19-20
Fall	2738	2868	3032	2715	2681	3312
Spring	2587	2725	2773	2542	2593	3220

Graduate Enrollment by Gender

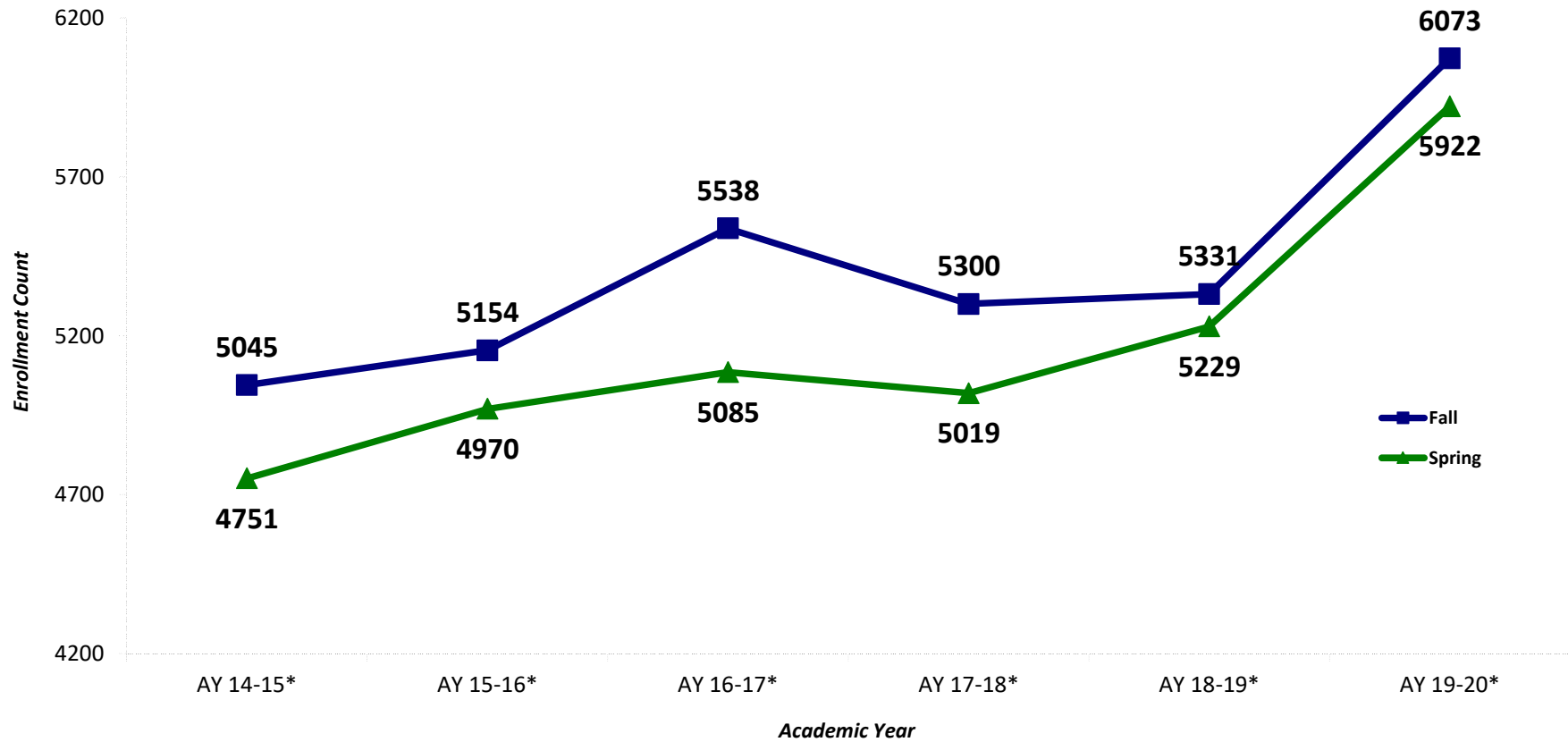
(Official, February 17, 2020)



Term-Gender	AY 14-15	AY 15-16	AY 16-17	AY 17-18	AY 18-19	AY 19-20
Fall Male	1993	2114	2182	1877	1826	2317
Fall Female	745	754	850	838	855	995
Spring Male	1887	2000	1997	1734	1785	2249
Spring Female	753	700	725	776	808	971

Total School Enrollment

(Official, February 17, 2020)

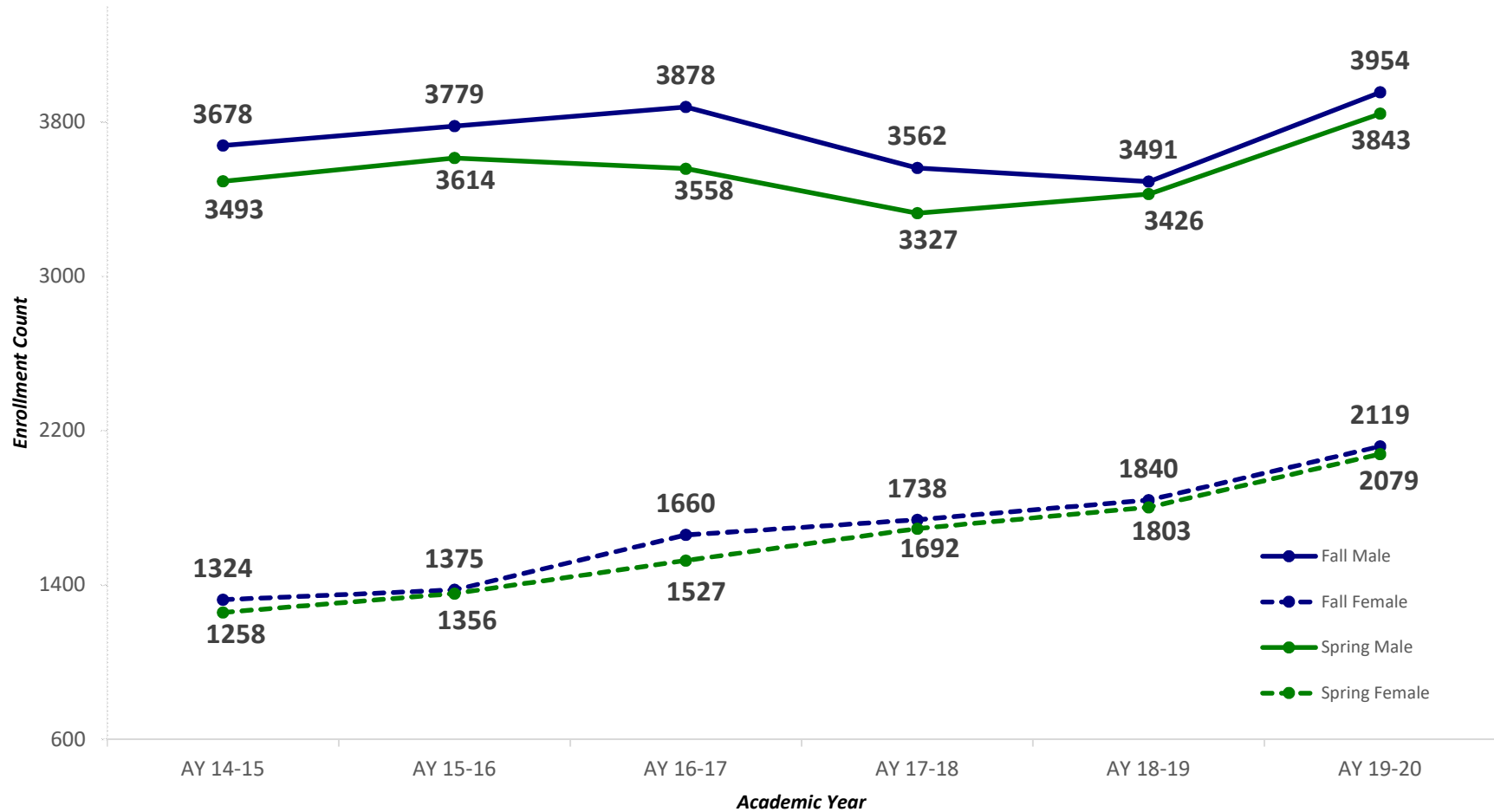


	AY 14-15*	AY 15-16*	AY 16-17*	AY 17-18*	AY 18-19*	AY 19-20*
Fall	5045	5154	5538	5300	5331	6073
Spring	4751	4970	5085	5019	5229	5922
% Drop F-S	-5.8%	-3.6%	-8.2%	-5.3%	-1.9%	-2.5%

* University Visitors are included in the overall Undergraduate Enrollment Headcount

Total School Enrollment by Gender

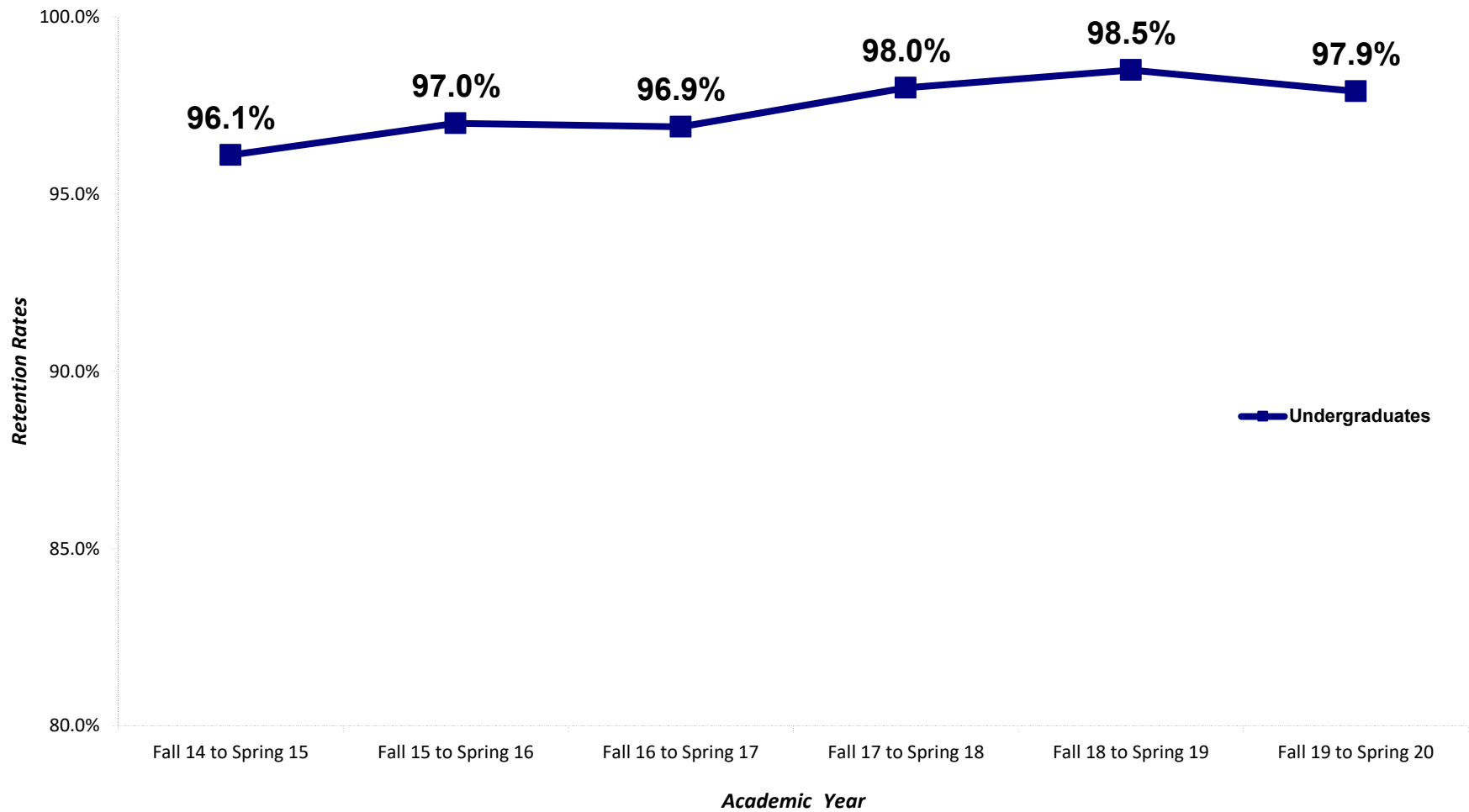
(Official, February 17, 2020)



Term-Gender	AY 14-15	AY 15-16	AY 16-17	AY 17-18	AY 18-19	AY 19-20
Fall Male	3678	3779	3878	3562	3491	3954
Fall Female	1324	1375	1660	1738	1840	2119
Spring Male	3493	3614	3558	3327	3426	3843
Spring Female	1258	1356	1527	1692	1803	2079

Fall to Spring Undergraduate Retention Rates

(Official, February 17, 2020)

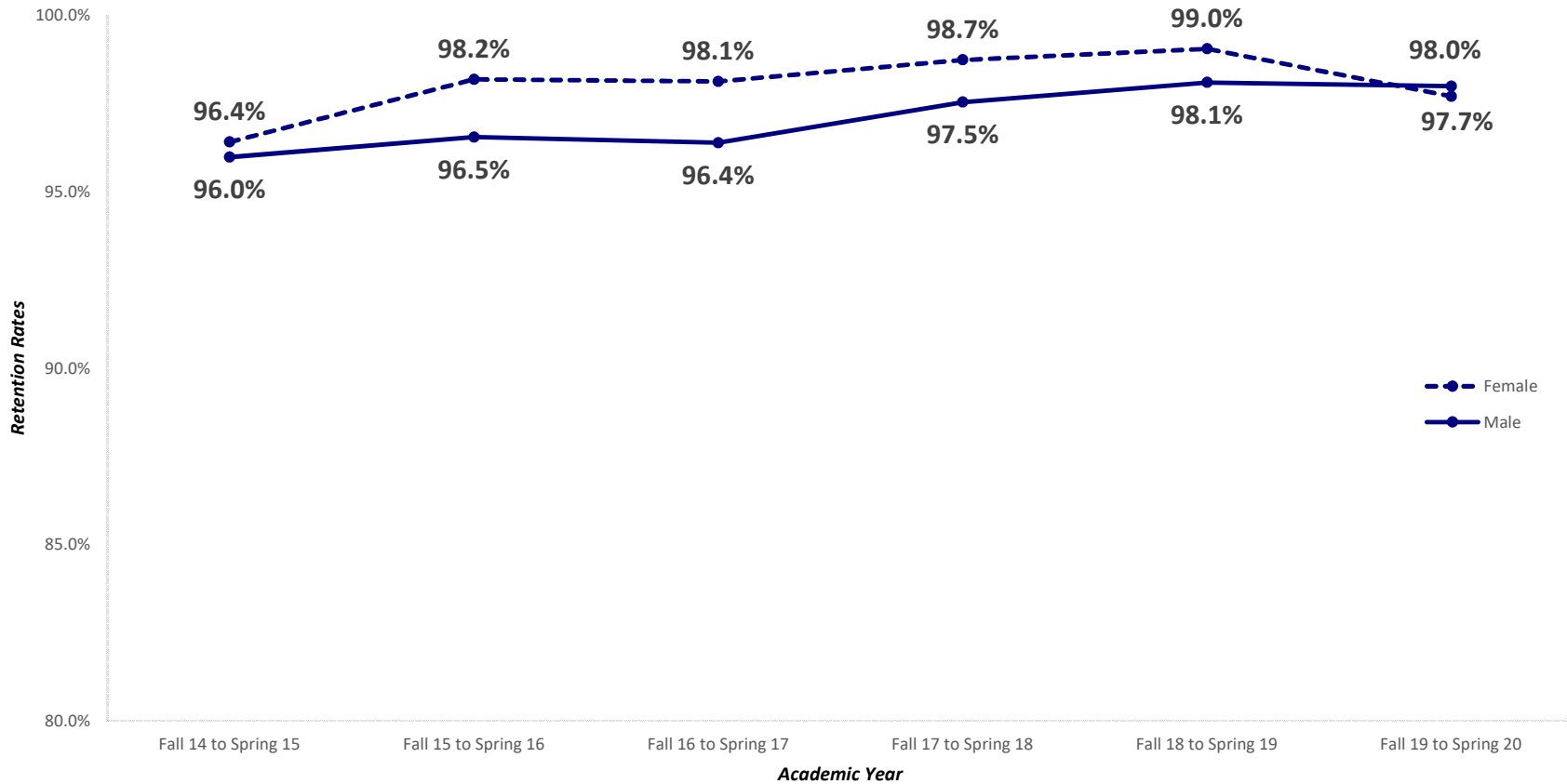


Official Stats	Fall 14 to Spring 15	Fall 15 to Spring 16	Fall 16 to Spring 17	Fall 17 to Spring 18	Fall 18 to Spring 19	Fall 19 to Spring 20
Undergraduates	96.1%	97.0%	96.9%	98.0%	98.5%	97.9%

Fall to Spring Undergraduate Retention Rates by Gender



(Official, February 17, 2020)

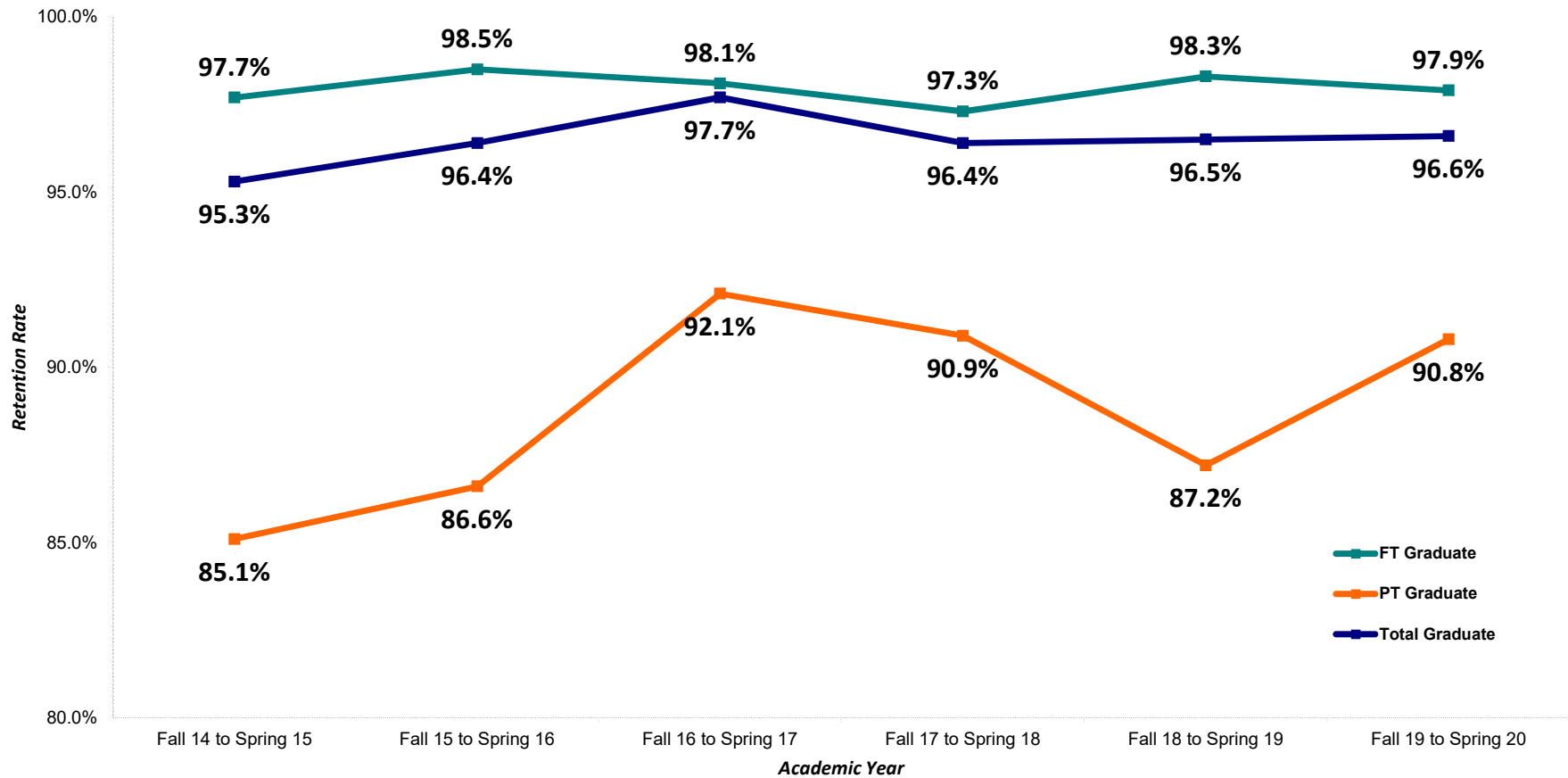


Official Stats	Fall 14 to Spring 15	Fall 15 to Spring 16	Fall 16 to Spring 17	Fall 17 to Spring 18	Fall 18 to Spring 19	Fall 19 to Spring 20
Female	96.4%	98.2%	98.1%	98.7%	99.0%	97.7%
Male	96.0%	96.5%	96.4%	97.5%	98.1%	98.0%

Calculations						
Female	537	595	732	859	938	1064
Male	1552	1539	1521	1545	1545	1510
Total Female	557	606	746	870	947	1089
Total Male	1617	1594	1578	1584	1575	1541

Fall to Spring Graduate Retention Rates

(Official, February 17, 2020)

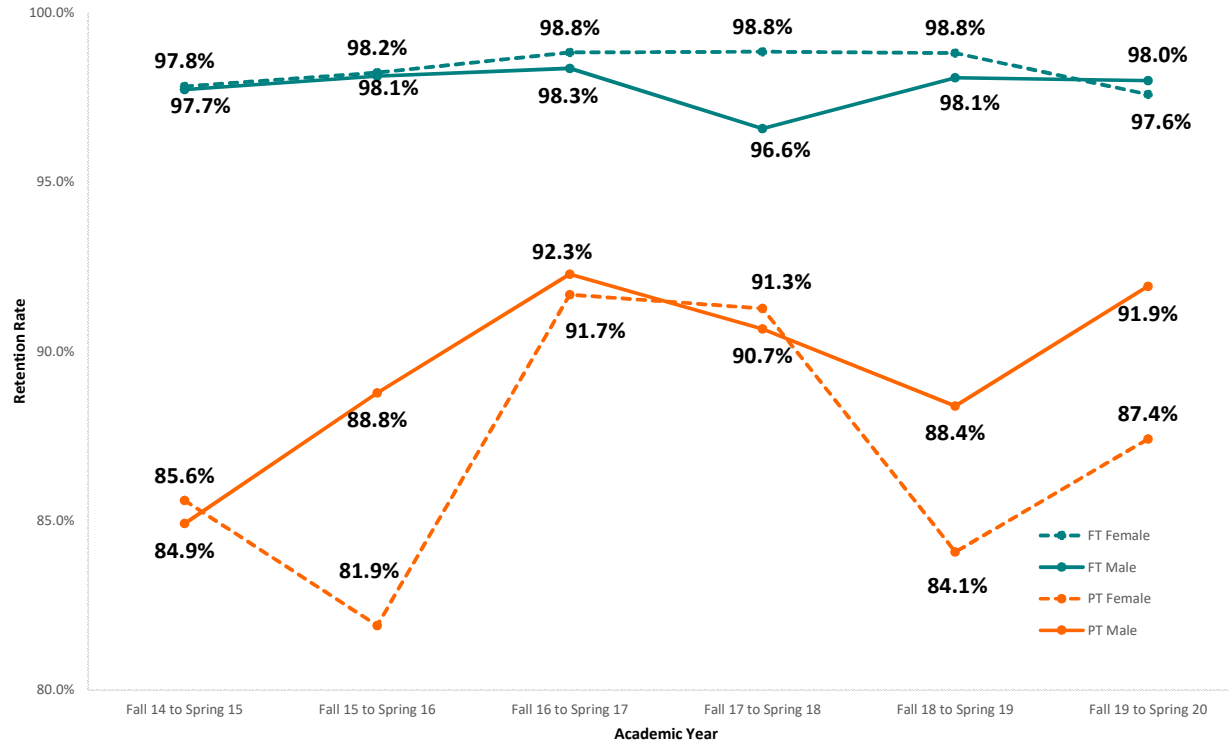


Official Stats	Fall 14 to Spring 15	Fall 15 to Spring 16	Fall 16 to Spring 17	Fall 17 to Spring 18	Fall 18 to Spring 19	Fall 19 to Spring 20
FT Graduate	97.7%	98.5%	98.1%	97.3%	98.3%	97.9%
PT Graduate	85.1%	86.6%	92.1%	90.9%	87.2%	90.8%
Total Graduate	95.3%	96.4%	97.7%	96.4%	96.5%	96.6%

Note: Excludes Doctoral Students

Fall to Spring Graduate Retention Rates by Gender

(Official, February 17, 2020)



Official Stats	Fall 14 to Spring 15	Fall 15 to Spring 16	Fall 16 to Spring 17	Fall 17 to Spring 18	Fall 18 to Spring 19	Fall 18 to Spring 19
FT Female	97.8%	98.2%	98.8%	98.8%	98.8%	97.6%
FT Male	97.7%	98.1%	98.3%	96.6%	98.1%	98.0%
PT Female	85.6%	81.9%	91.7%	91.3%	84.1%	87.4%
PT Male	84.9%	88.8%	92.3%	90.7%	88.4%	91.9%

Calculations	Fall 14 to Spring 15	Fall 15 to Spring 16	Fall 16 to Spring 17	Fall 17 to Spring 18	Fall 18 to Spring 19	Fall 18 to Spring 19
FT Female	494	553	584	597	660	766
FT Male	1243	1569	1490	1210	1374	1702
PT Female	95	95	88	94	95	118
PT Male	270	245	191	194	266	375
Total FT Female	505	563	591	604	668	785
Total FT Male	1272	1599	1515	1253	1401	1737
Total PT Female	111	116	96	103	113	135
Total PT Male	318	276	207	214	301	408

Note: Excludes Doctoral Students



Spring 2020 Headcount Report
as of Census Day (02-17-20)

Undergraduate

				Spring 2019	Spring 2020	% Change	
				as of	as of	Since Last	
				2/18/2019	2/17/2020	Year	
Brooklyn	Continuing	Regular	Full-time	2404	2481	3.2%	
			Part-time	104	105	1.0%	
		Readmits	Full-time	4	1	-75.0%	
			Part-time	4	1	-75.0%	
		New	Freshmen	Full-time	82	67	-18.3%
				Part-time			NA
	Transfers		Full-time	34	42	23.5%	
			Part-time	1		-100.0%	
	Inter-School Transfers		Full-time	3	5	66.7%	
			Part-time			NA	
	Quick Admits (3+2 Program)	Full-time			NA		
		Part-time			NA		
	Totals (Tandon School of Engineering)						
	Total	CON	Full-time	2408	2482	3.1%	
Part-time			108	106	-1.9%		
	NEW	Full-time	119	114	-4.2%		
		Part-time	1	0	-100.0%		
	Total	Full-Time	2527	2596	2.7%		
		Part-Time	109	106	-2.8%		
	Total	CON	2516	2588	2.9%		
		NEW	120	114	-5.0%		
Grand Total (Tandon School of Engineering)				2636	2702	2.5%	



Spring 2020 Headcount Report
as of Census Day (02-17-20)

			Graduate			
			Spring 2019	Spring 2020	% Change	
			as of	as of	Since Last	
			2/18/2019	2/17/2020	Year	
Brooklyn	Continuing	Regular	Full-time	1370	1750	27.7%
			Part-time	855	927	8.4%
		Readmits	Full-time			NA
			Part-time	1		-100.0%
	New	Regular	Full-time	121	113	-6.6%
			Part-time	34	35	2.9%
		Visitors	Full-time			NA
			Part-time	13	9	-30.8%
	Tandon Online and Enterprise Learning	Continuing	Full-time	6	1	-83.3%
			Part-time	176	303	72.2%
New		Full-time	2		-100.0%	
		Part-time	15	82	446.7%	
Totals	Total	Full-time	1376	1751	27.3%	
		Part-time	1032	1230	19.2%	
	NEW	Full-time	123	113	-8.1%	
		Part-time	62	126	103.2%	
	Total	Full-time	1499	1864	24.3%	
		Part-time	1094	1356	23.9%	
	Total	Continuing	2408	2981	23.8%	
	New	185	239	29.2%		
	Grand Total	2593	3220	24.2%		



**Spring 2020 Headcount Report
as of Census Day (2/17/2020)**

NYU School of Engineering - All Graduates

	FT	PT	Total
NYU CUSP Total	46	18	64
NYU Tandon & Law MS Total	33	1	34
NYU Tandon Total	2981	239	3220
School of Engineering Graduate Total	3060	258	3318

NYU School of Engineering - Undergraduate Degree Seeking

	FT	PT	Total
Abu Dhabi Engineering	114		114
NYU Shanghai Engineering*	98	3	101
NYU Tandon	2588	114	2702
School of Engineering Undergraduate Degree Seeking Total	2800	117	2917

NYU School of Engineering - Overall

	FT	PT	Total
School of Engineering Overall Total	5860	375	6235

* NYU Shanghai Engineering includes Computer Science

NYU Tandon Spring Undergraduate Enrollment Comparison as of February 17, 2020

Major	Academic Load	Spring 2019 2/18/2019			Spring 2020 2/17/2020			% Change		
		CON	NEW	Grand Total	CON	NEW	Grand Total	% Change in Continuing	% Change in New	% Change in Total
Applied Physics	FT	21		21	23		23	10%	NA	10%
	PT			0			0	NA	NA	NA
Applied Physics Total		21	0	21	23	0	23	10%	NA	10%
Biomolecular Sciences	FT	116	2	118	121		121	4%	-100%	3%
	PT	1		1	6		6	500%	NA	500%
Biomolecular Sciences total		117	2	119	127	0	127	9%	-100%	7%
Business & Technology Management	FT	179	6	185	210	16	226	17%	167%	22%
	PT	4		4	4		4	0%	NA	0%
Business & Technology Management Total		183	6	189	214	16	230	17%	167%	22%
Chemical and Biological Engineering	FT	209	3	212	185	3	188	-11%	0%	-11%
	PT	8		8	9		9	13%	NA	13%
Chemical and Biological Engineering Total		217	3	220	194	3	197	-11%	0%	-10%
Civil Engineering	FT	137	31	168	155	31	186	13%	0%	11%
	PT	8	1	9	3		3	-63%	-100%	-67%
Civil Engineering Total		145	32	177	158	31	189	9%	-3%	7%
Computer Engineering	FT	141	29	170	142	30	172	1%	3%	1%
	PT	3		3	9		9	200%	NA	200%
Computer Engineering Total		144	29	173	151	30	181	5%	3%	5%
Computer Science	FT	639	17	656	628	1	629	-2%	-94%	-4%
	PT	23		23	23		23	0%	NA	0%
Computer Science Total		662	17	679	651	1	652	-2%	-94%	-4%
Construction Management	FT	10		10	8		8	-20%	NA	-20%
	PT			0			0	NA	NA	NA
Construction Management Total		10	0	10	8	0	8	-20%	NA	-20%
Electrical and Computer Engineering	FT	64	8	72	67	8	75	5%	0%	4%
	PT	3		3	3		3	0%	NA	0%
Electrical and Computer Engineering Total		67	8	75	70	8	78	4%	0%	4%
Electrical Engineering	FT	88	8	96	83	5	88	-6%	-38%	-8%
	PT	4		4	5		5	25%	NA	25%
Electrical Engineering Total		92	8	100	88	5	93	-4%	-38%	-7%
Integrated Digital Media	FT	199	3	202	225	9	234	13%	200%	16%
	PT	10		10	15		15	50%	NA	50%
Integrated Digital Media Total		209	3	212	240	9	249	15%	200%	17%
Mathematics	FT	103	5	108	129	3	132	25%	-40%	2%
	PT	8		8	2		2	-75%	NA	-75%
Mathematics Total		111	5	116	131	3	134	18%	-40%	16%
Mathematics & Physics	FT	25		25	16		16	-36%	NA	-36%
	PT	3		3	1		1	-67%	NA	-67%
Mathematics & Physics Total		28	0	28	17	0	17	-39%	NA	-39%
Mechanical Engineering	FT	361	5	366	382	6	388	6%	20%	6%
	PT	27		27	22		22	-19%	NA	-19%
Mechanical Engineering Total		388	5	393	404	6	410	4%	20%	4%
Science and Technology Studies	FT	53		53	37	1	38	-30%	NA	-28%
	PT			0	3		3	NA	NA	NA
Science and Technology Studies Total		53	0	53	40	1	41	-25%	NA	-23%
Sustainable Urban Environments	FT	39	2	41	46	1	47	18%	-50%	15%
	PT	6		6	1		1	-83%	NA	-83%
Sustainable Urban Environments Total		45	2	47	47	1	48	4%	-50%	2%
Undeclared Major	FT	24		24	25		25	4%	NA	4%
	PT			0			0	NA	NA	NA
Undeclared Major Total		24	0	24	25	0	25	4%	NA	4%
Total NYU Tandon School of Engineering Undergraduate	FT	2408	119	2527	2482	114	2596	3%	-4%	3%
	PT	108	1	109	106	0	106	-2%	-100%	-3%
Overall Total		2516	120	2636	2588	114	2702	3%	-5%	3%

1. Computer Science and Engineering Department Totals exclude BS Computer Engineering (One half of enrollment) and BS Electrical and Computer Engineering (one thirds of the enrollment)
2. BS Computer Engineering enrollment is equally shared between CSE and ECE.
3. BS Electrical and Computer Engineering enrollment is divided one third CSE and two thirds ECE
4. Electrical and Computer Engineering Department Totals exclude BS Computer Engineering (One half of enrollment) and BS Electrical and Computer Engineering (two thirds of the enrollment)



NYU Tandon Spring Graduate Enrollment Comparison as of February 17, 2020

Calculated_Department Ld	Academic Load	Spring 2019 2/18/2019			Spring 2020 2/17/2020			% Change		
		CON	NEW	Grand Total	CON	NEW	Grand Total	% Change in Continuing Students	% Change in New Students	% Change in Total Students
Dept. of Applied Physics	FT	2		2	3	1	4	50.0%	NA	100.0%
	PT	2		2			0	-100.0%	NA	-100.0%
Dept. of Applied Physics Total		4	0	4	3	1	4	-25.0%	NA	0.0%
Dept. of Biomedical Engineering	FT	15		15			0	-100.0%	NA	-100.0%
	PT	8		8			0	-100.0%	NA	-100.0%
Dept. of Biomedical Engineering Total		23	0	23	0	0	0	-100.0%	NA	-100.0%
Dept. of Chemical & Biomolecular Engineering	FT	61	2	63	89	1	90	45.9%	-50.0%	42.9%
	PT	21		21	36	1	37	71.4%	NA	76.2%
Dept. of Chemical & Biomolecular Engineering Total		82	2	84	125	2	127	52.4%	0.0%	51.2%
Dept. of Civil & Urban Engineering	FT	106	9	115	116	14	130	9.4%	55.6%	13.0%
	PT	105	15	120	100	10	110	-4.8%	-33.3%	-8.3%
Dept. of Civil & Urban Engineering Total		211	24	235	216	24	240	2.4%	0.0%	2.1%
Dept. of Computer Science & Engineering	FT	362	51	413	398	22	420	9.9%	-56.9%	1.7%
	PT	388	19	407	536	74	610	38.1%	289.5%	49.9%
Dept. of Computer Science & Engineering Total		750	70	820	934	96	1030	24.5%	37.1%	25.6%
Dept. of Electrical and Computer Engineering	FT	403	25	428	538	38	576	33.5%	52.0%	34.6%
	PT	163	4	167	258	1	259	58.3%	-75.0%	55.1%
Dept. of Electrical and Computer Engineering Total		566	29	595	796	39	835	40.6%	34.5%	40.3%
Dept. of Finance and Risk Engineering	FT	112	2	114	160		160	42.9%	-100.0%	40.4%
	PT	147		147	94		94	-36.1%	NA	-36.1%
Dept. of Finance and Risk Engineering Total		259	2	261	254	0	254	-1.9%	-100.0%	-2.7%
Dept. of Mathematics	FT	16	3	19	19		19	18.8%	-100.0%	0.0%
	PT	6		6	8		8	33.3%	NA	33.3%
Dept. of Mathematics Total		22	3	25	27	0	27	22.7%	-100.0%	8.0%
Dept. of Mechanical & Aerospace Engineering	FT	77	6	83	114	5	119	48.1%	-16.7%	43.4%
	PT	38	1	39	33	3	36	-13.2%	200.0%	-7.7%
Dept. of Mechanical & Aerospace Engineering Total		115	7	122	147	8	155	27.8%	14.3%	27.0%
Dept. of Technology Management & Innovation	FT	162	25	187	284	31	315	75.3%	24.0%	68.4%
	PT	117	9	126	114	28	142	-2.6%	211.1%	12.7%
Dept. of Technology Management & Innovation Total		279	34	313	398	59	457	42.7%	73.5%	46.0%
Dept. of Technology, Culture & Society	FT	60		60	30	1	31	-50.0%	NA	-48.3%
	PT	37	1	38	51		51	37.8%	-100.0%	34.2%
Dept. of Technology, Culture & Society Total		97	1	98	81	1	82	-16.5%	0.0%	-16.3%
Undeclared	FT			0			0	NA	NA	NA
	PT		13	13		9	9	NA	-30.8%	-30.8%
Undeclared Total		0	13	13	0	9	9	NA	-30.8%	-30.8%
Total NYU Tandon School of Engineering Graduate Enrollment	FT	1376	123	1499	1751	113	1864	27.3%	-8.1%	24.3%
	PT	1032	62	1094	1230	126	1356	19.2%	103.2%	23.9%
Overall Total		2408	185	2593	2981	239	3220	23.8%	29.2%	24.2%