



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**Report on**

**Enrollment, Retention & Graduation**

**Based on Census Data**  
**for**  
**Fall 2020**

Prepared by the  
Office of Assessment and Institutional Research

September 23, 2020

# Graphs and Tables

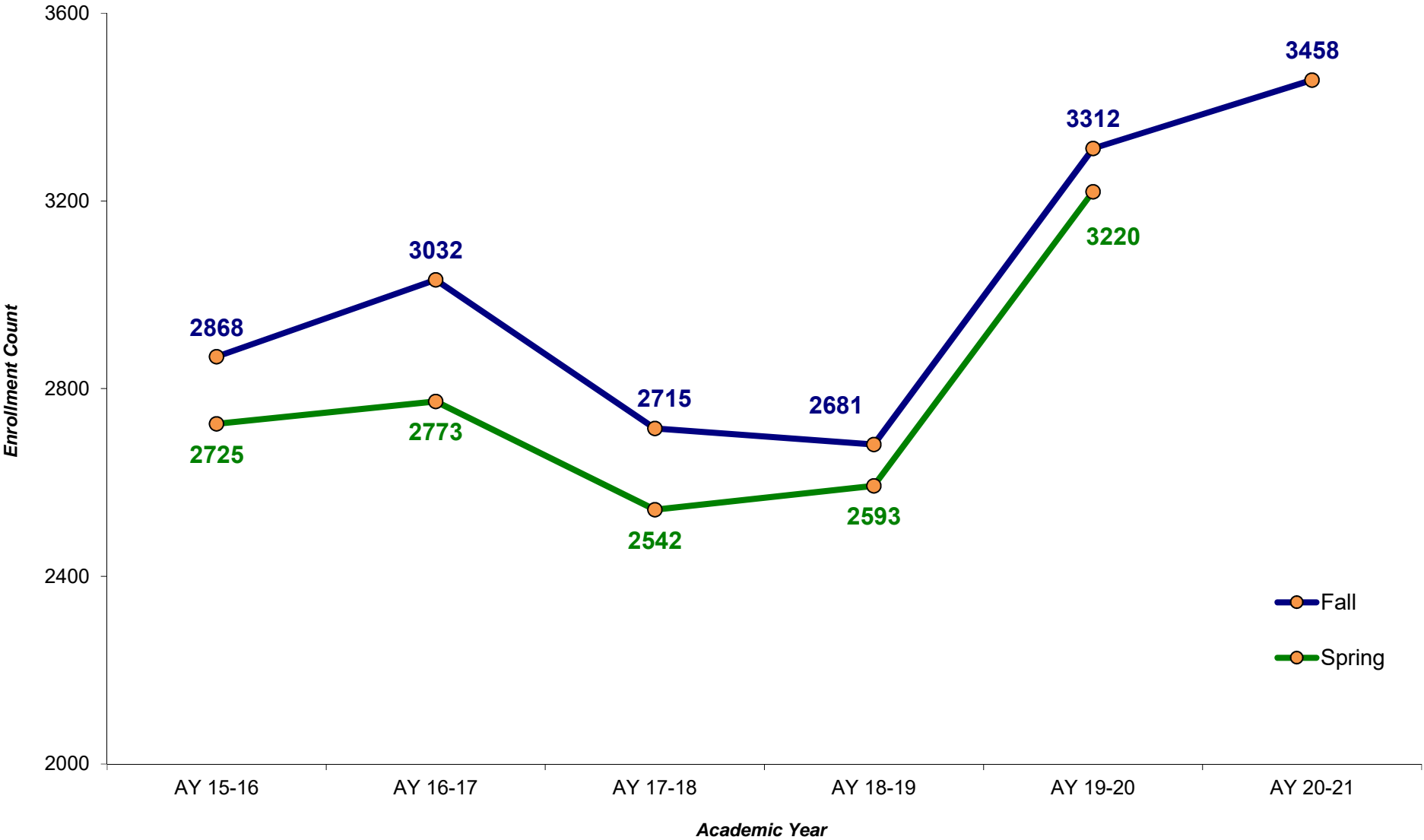


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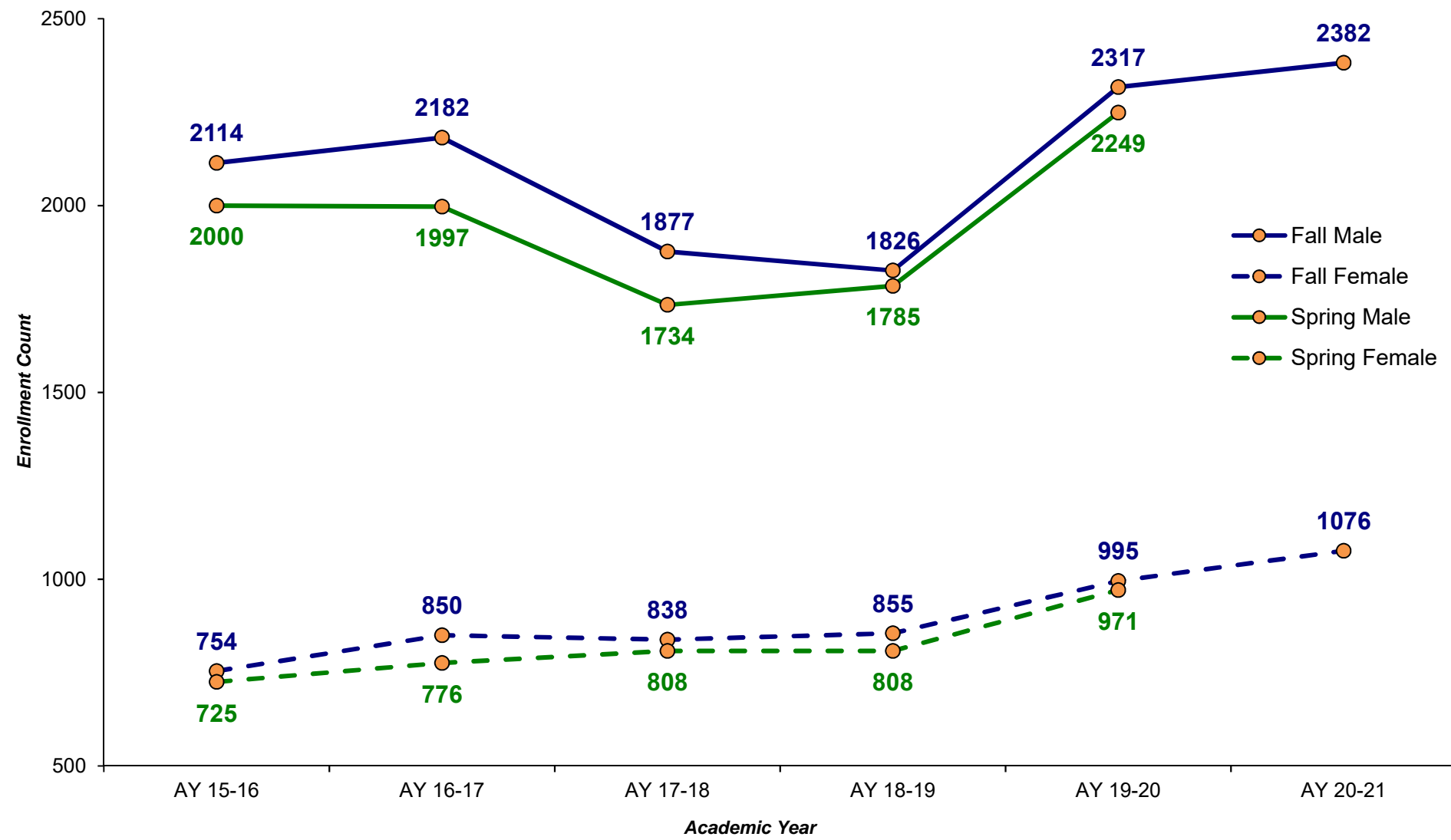
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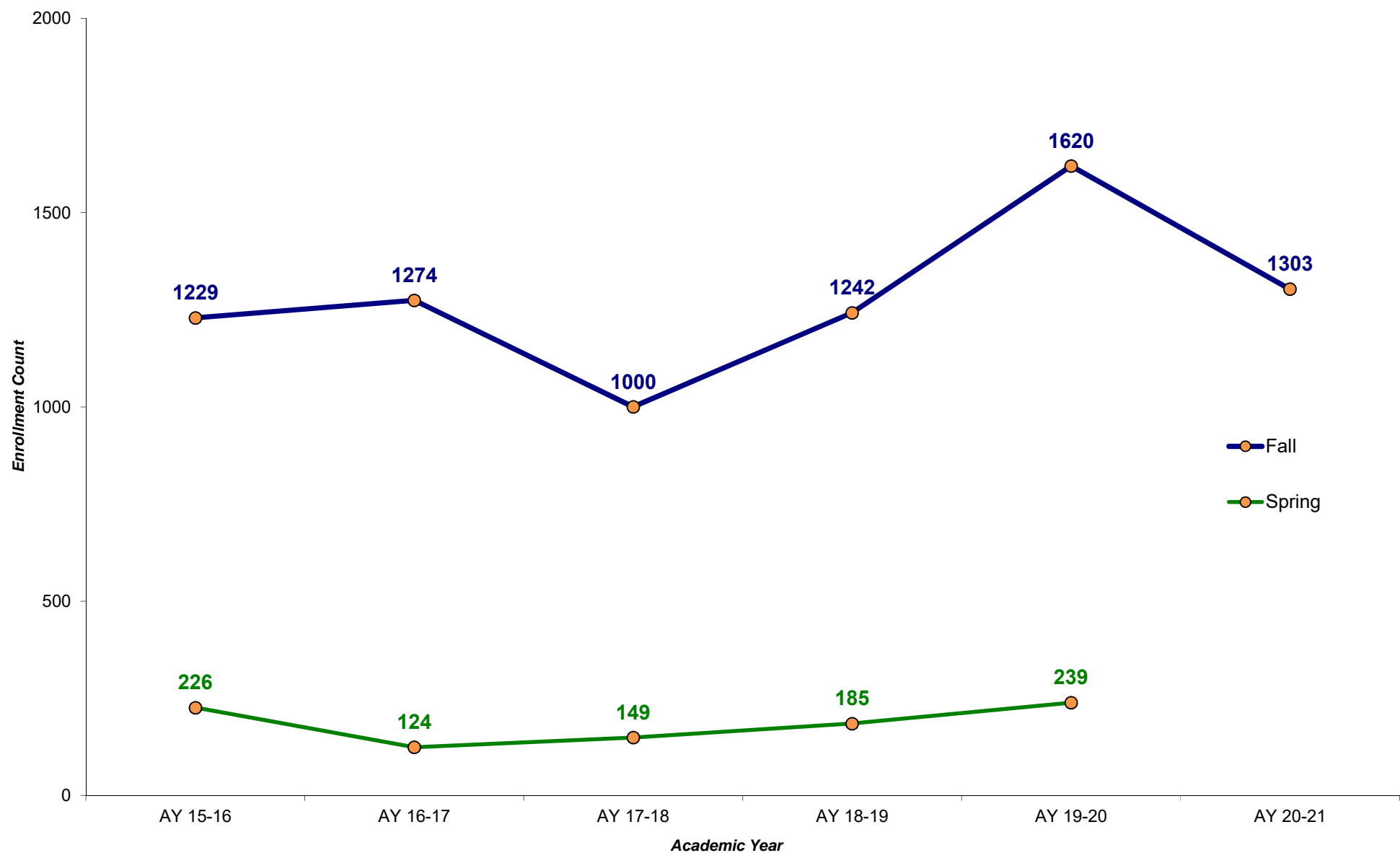
**Academic Year Graduate Enrollment Headcount - Overall**  
(Official, September 23, 2020)



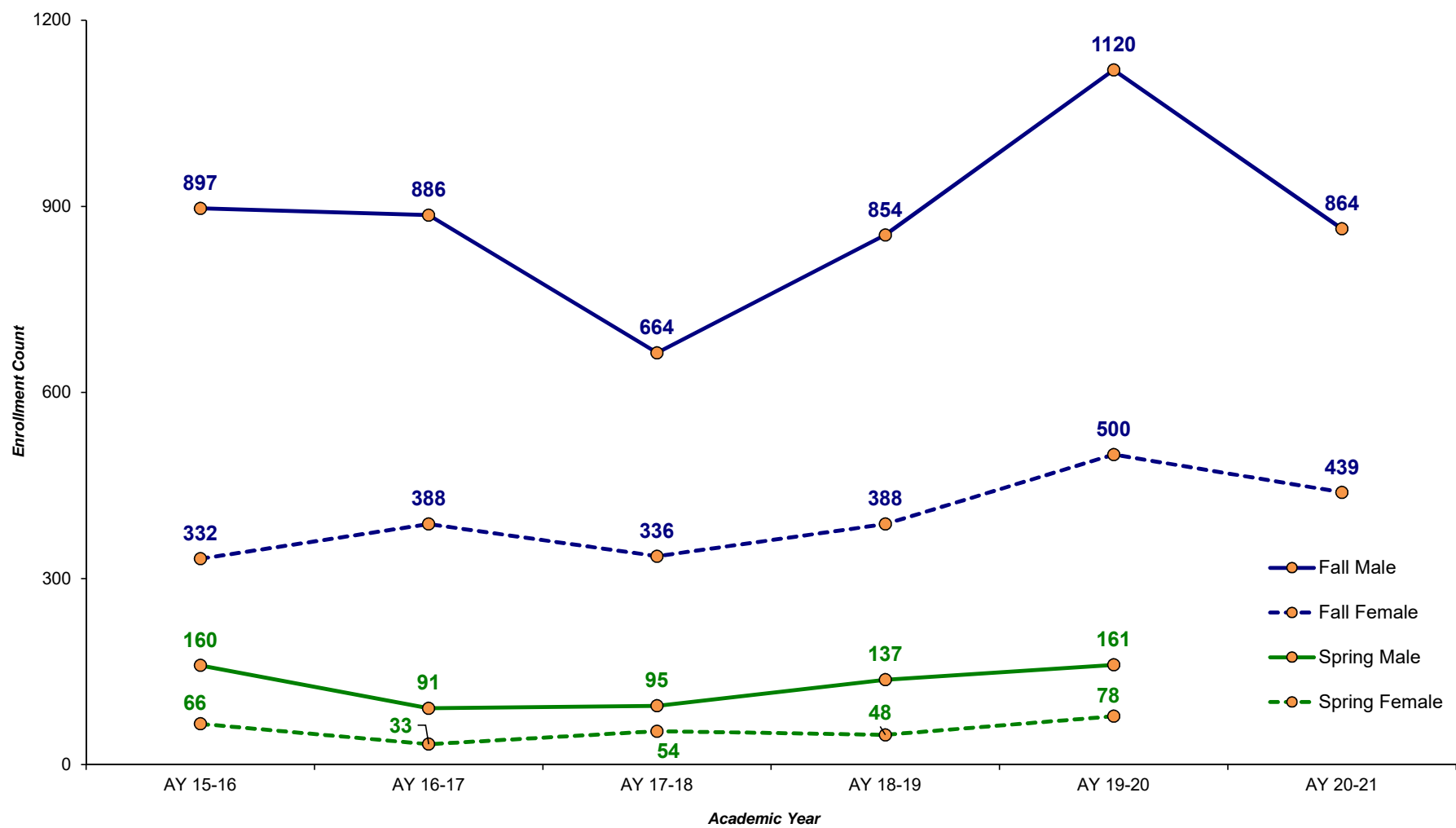
**Academic Year Graduate Enrollment Headcount - Overall by Gender**  
(Official, September 23, 2020)



**Academic Year Graduate Enrollment Headcount - New Graduate Enrollment**  
(Official, September 23, 2020)

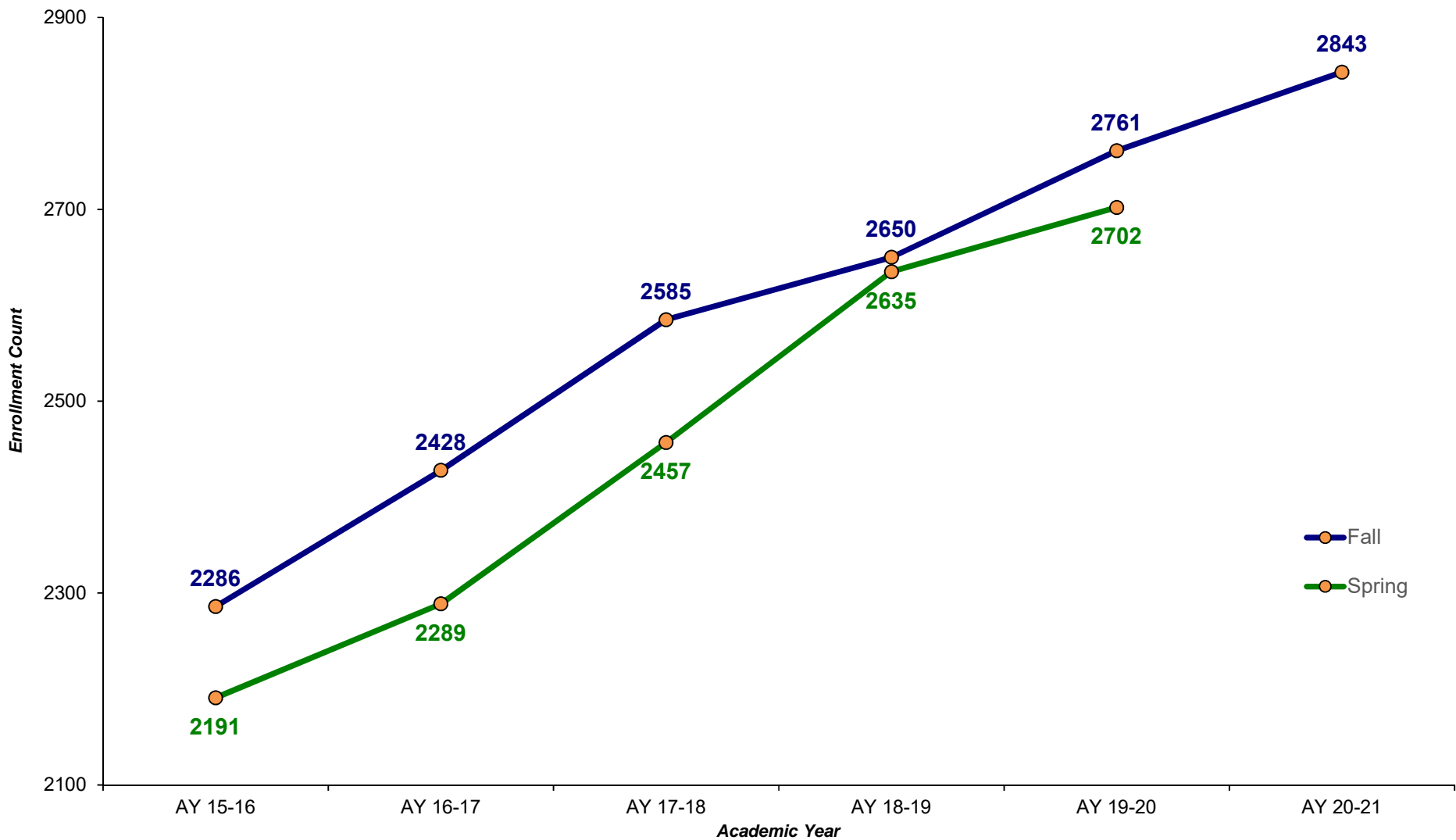


**Academic Year Graduate Enrollment Headcount - New Graduate Enrollment by Gender**  
(Official, September 23, 2020)



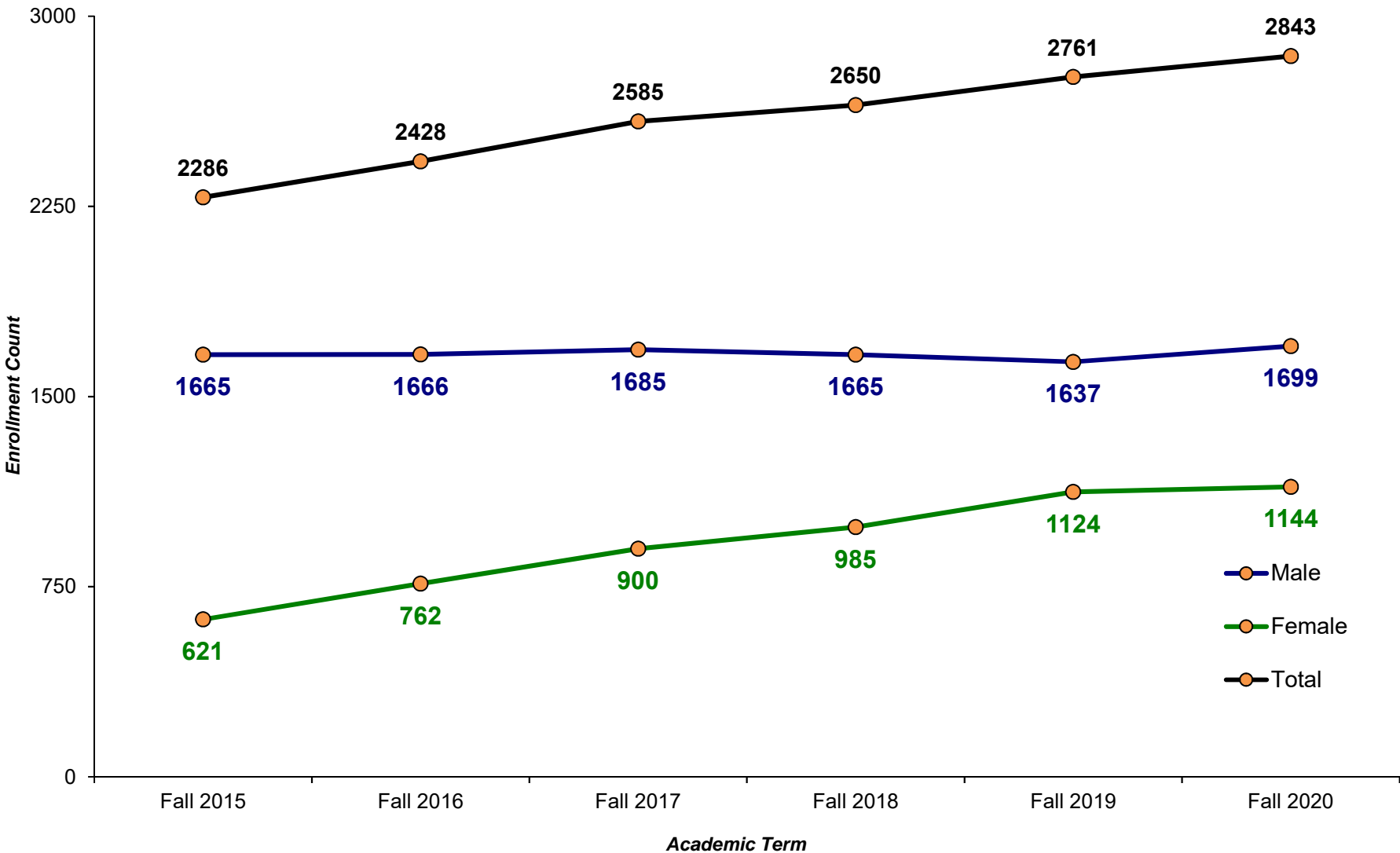
Academic Year Undergraduate Enrollment Headcount - Overall

(Official, September 23, 2020)



# Overall Fall Undergraduate Enrollment Headcount by Gender

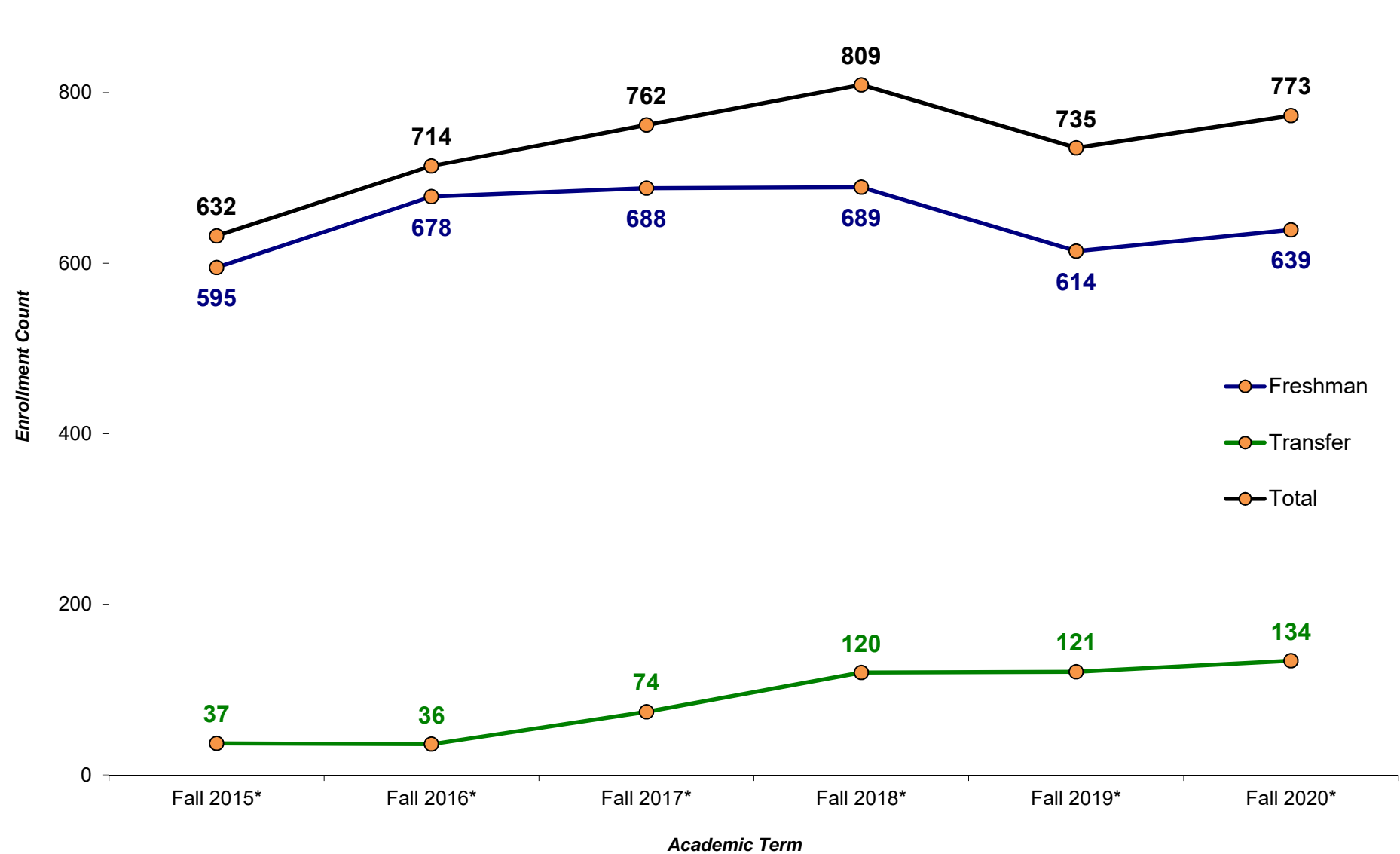
(Official, September 23, 2020)





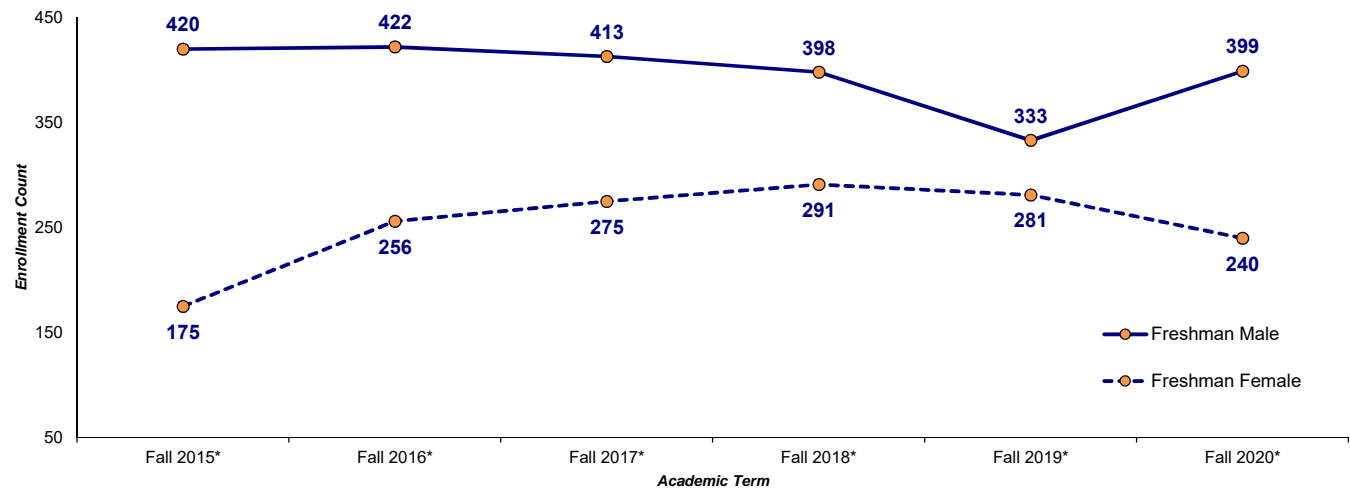
# New Undergraduate Student Enrollment Headcount

(Official, September 23, 2020)

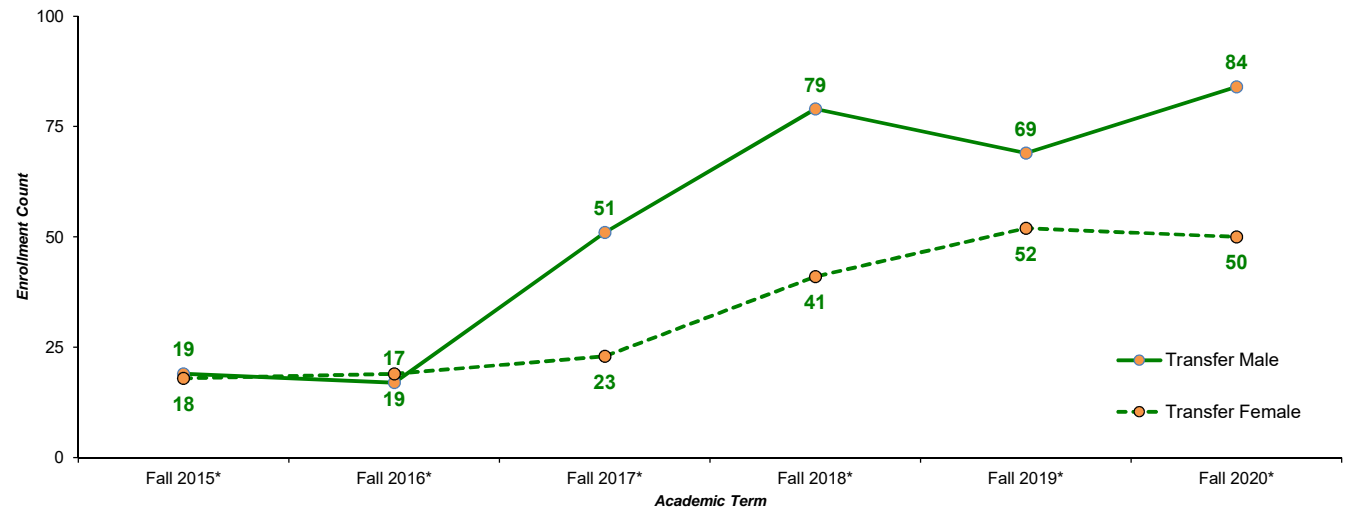


\* Transfers include Internal School Transfers and 3+2 Program

**New Freshmen Undergraduate Student Enrollment Headcount by Gender**  
(Official, September 23, 2020)

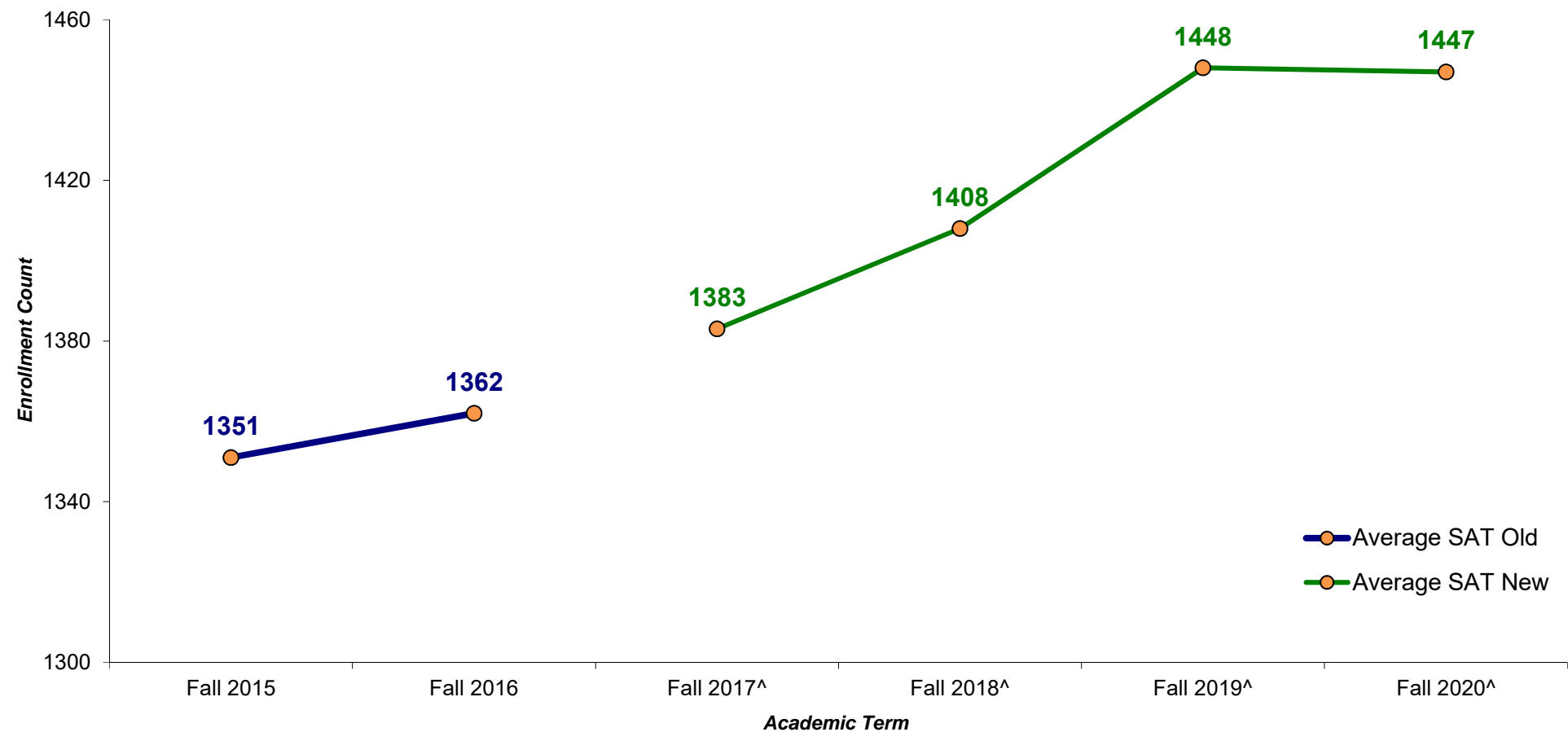


**New Transfers and General Studies Undergraduate Enrollment Headcount**  
(Official, September 23, 2020)



\* Transfers include Internal School Transfers and 3+2 Program

**Average SAT Scores 2015-2020 First-time, Full-time, Freshmen**  
(Official, September 23, 2020)



\* Does not include ACT scores and CSTEP, HEOP & GS Students.  
\*\* Starting Fall 2014, General Studies students are included in new freshman headcount.  
\*\* Starting Fall 2014, SAT averages exclude CSTEP and HEOP  
^ Starting Fall 2017, CollegeBoard Redesigned SAT Scoring

## New Fall Freshman SAT Averages \* 2015 to 2020

(Official, September 23, 2020)



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		Average Math	Actual Averages Average Verbal	Combined Average	Average Math	Reported Averages Average Verbal	Combined Average
2020^	HEOP/CSTEP	647	592	1239			
	Regular	754	693	1447			
	Overall	748	688	1436	748	688	1436
2019^	HEOP/CSTEP	653	598	1251			
	Regular	757	690	1448			
	Overall	750	684	1435	750	684	1435
2018^	HEOP/CSTEP	640	589	1222			
	Regular	739	678	1408			
	Overall	733	673	1398	730	670	1400
2017^	HEOP/CSTEP	615	593	1208			
	Regular	718	665	1383			
	Overall	712	661	1373	710	660	1370
2016	HEOP/CSTEP	590	555	1145			
	Regular	715	647	1362			
	Overall	708	642	1350	710	640	1350
2015	HEOP	586	533	1120			
	Regular	712	639	1351			
	Overall	705	634	1339	705	635	1340

\* Does not include ACT scores

^ Starting Fall 2017, CollegeBoard Redesigned SAT Scoring

## Enrollment and Average SAT~ Scores by Major Freshman Cohorts 2015 to 2020

(Official, September 23, 2020)



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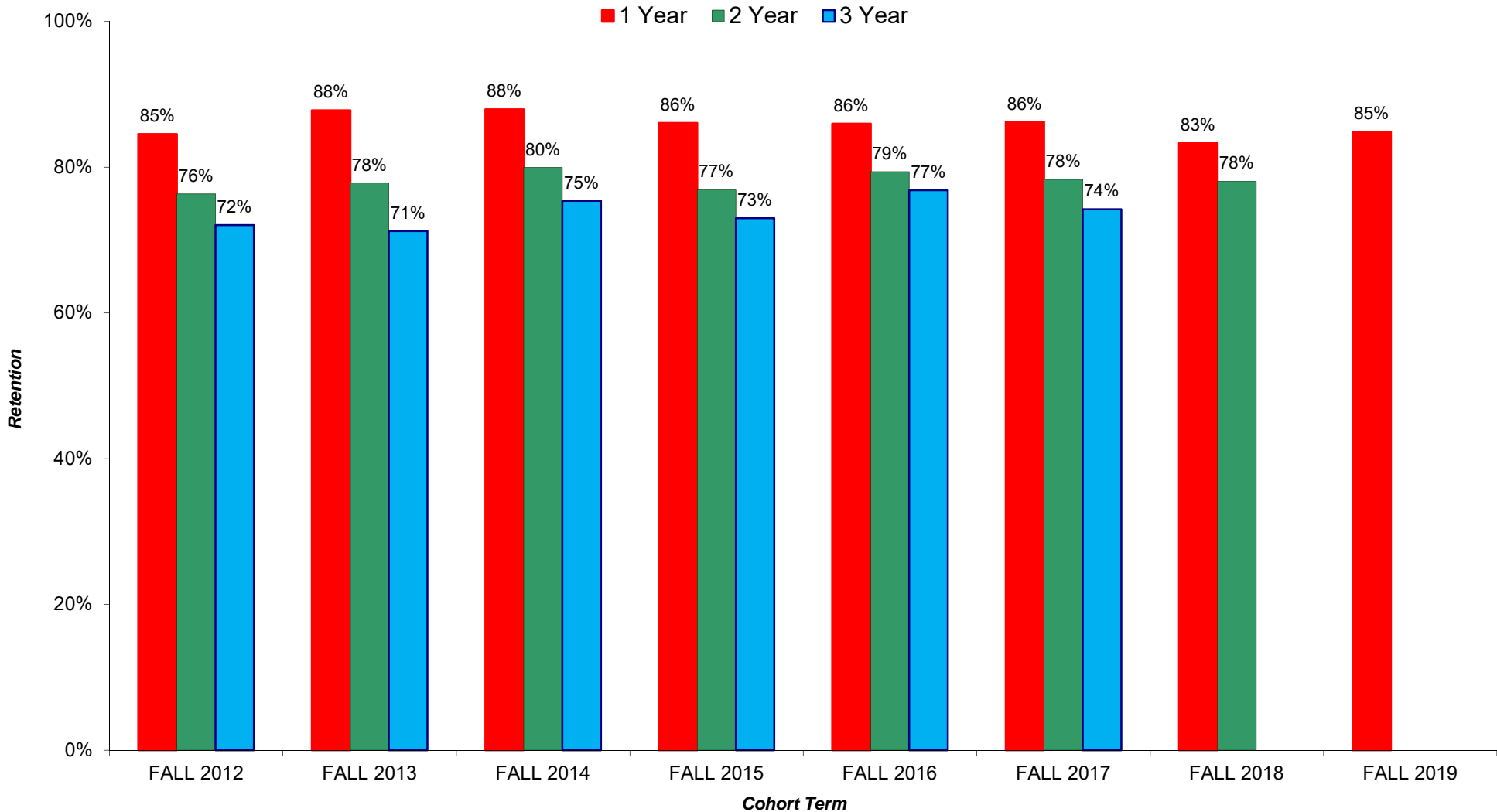
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Major	Fall 2015		Fall 2016		Fall 2017^		Fall 2018^		Fall 2019^		Fall 2020^	
	Enrollment	Avg SATs	Enrollment	Avg SATs	Enrollment	Avg SATs	Enrollment	Avg SATs	Enrollment	Avg SATs	Enrollment	Avg SATs
Applied Physics	8	1273	14	1394	5	1390	6	1453	6	1396	6	1403
Biomolecular Science	33	1233	45	1336	30	1305	43	1391	36	1454	34	1367
Business & Technology Management	36	1328	49	1354	43	1387	33	1401	41	1437	33	1456
Chemical and Biomolecular Engineering	61	1378	66	1334	66	1367	57	1407	47	1441	51	1408
Civil Engineering	34	1297	38	1305	39	1326	40	1327	34	1384	36	1360
Computer Engineering	46	1338	48	1341	48	1370	41	1357	25	1444	23	1395
Computer Science	125	1346	121	1408	172	1397	161	1400	142	1438	183	1471
Construction Management	5	1323	3	1375	2	1160	0		0		0	
Electrical and Computer Engineering	31	1352	22	1358	27	1324	26	1413	20	1437	30	1448
Electrical Engineering	34	1315	24	1327	18	1369	18	1404	9	1370	19	1410
Integrated Digital Media	21	1340	27	1343	34	1347	41	1406	35	1413	32	1433
Mathematics	13	1369	12	1375	28	1435	41	1433	54	1461	48	1463
Mathematics & Physics	7	1380	11	1429	10	1444	11	1385	4	1468	5	1420
Mechanical Engineering	72	1352	120	1330	79	1373	94	1404	100	1428	103	1417
Science and Technology Studies	9	1332	11	1306	8	1208	12	1414	5	1440	3	1440
Sustainable Urban Environments	9	1307	14	1353	13	1404	13	1419	8	1422	9	1410
Undeclared Major	51	1379	53	1318	63	1381	51	1408	48	1451	24	1443

~ Average SAT Scores does not include ACT Scores

^ Starting Fall 2017, CollegeBoard Redesigned SAT Scoring

FFF Cohort Cumulative Retention - First, Second and Third Years  
(Official, September 23, 2020)



**Note:** Retention rates are based upon continued enrollment at Tandon.

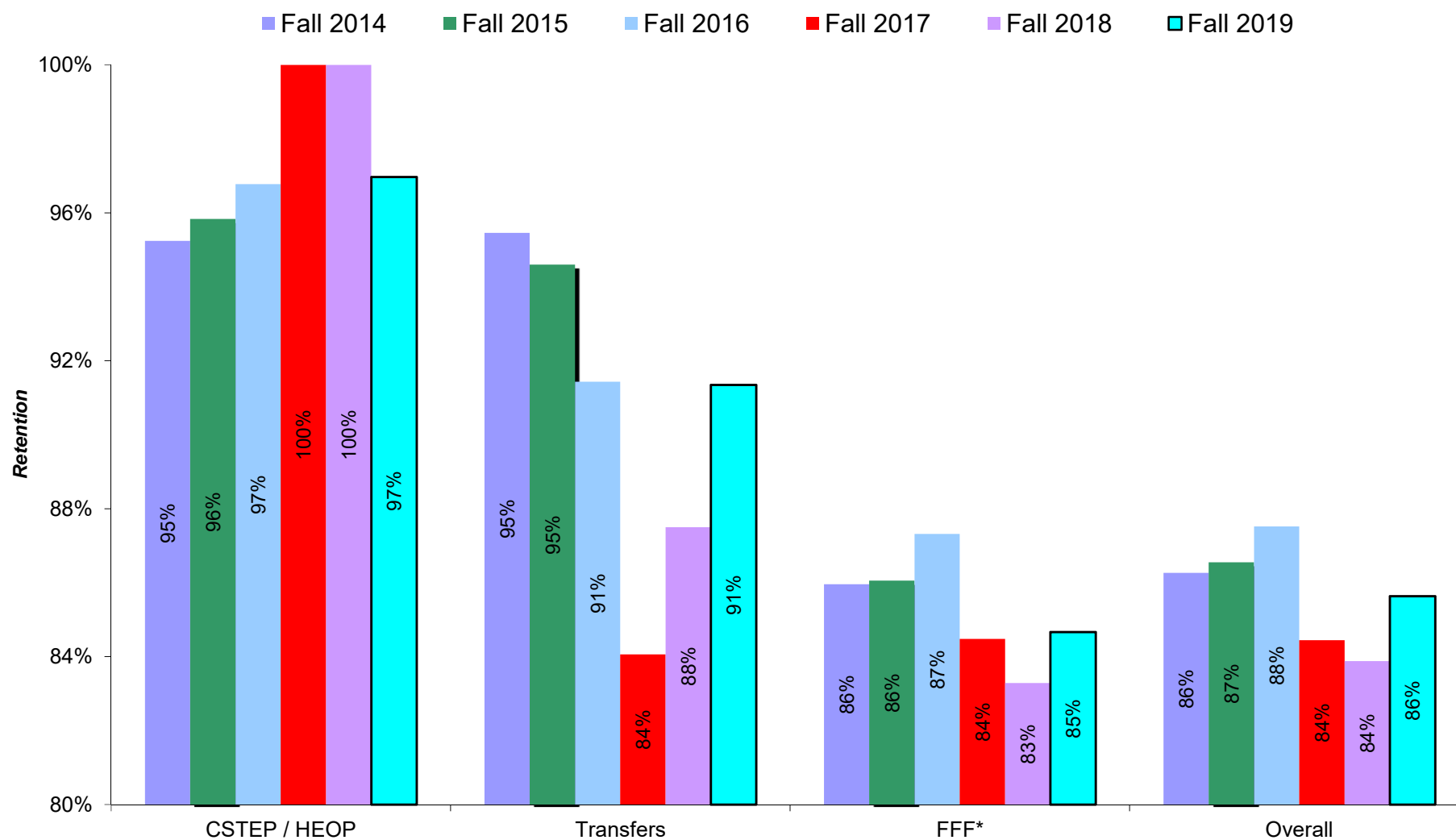
## CSTEP/HEOP, Transfer and FFF Student - First Year Retention

(Official, September 23, 2020)



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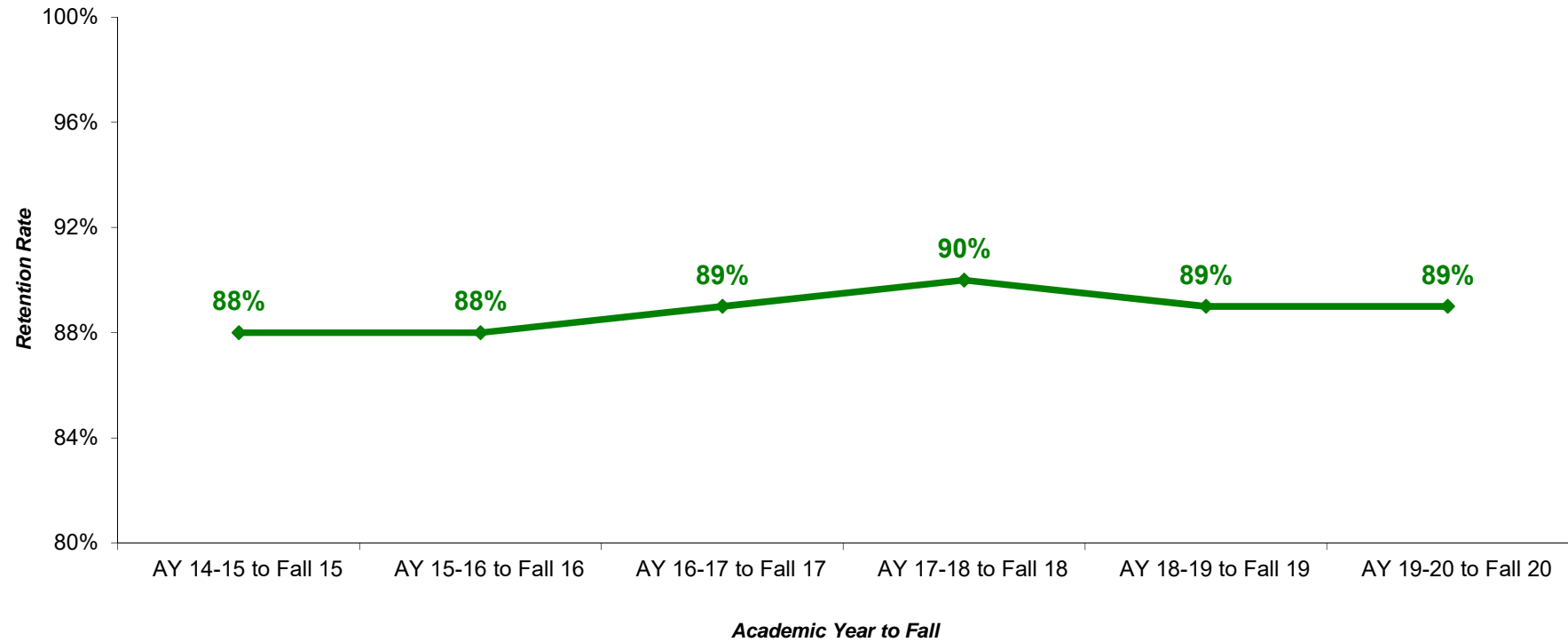
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\* FFF includes CSTEP and HEOP.

# Academic Year to Fall Undergraduate Retention Rates

(Official, September 23, 2020)



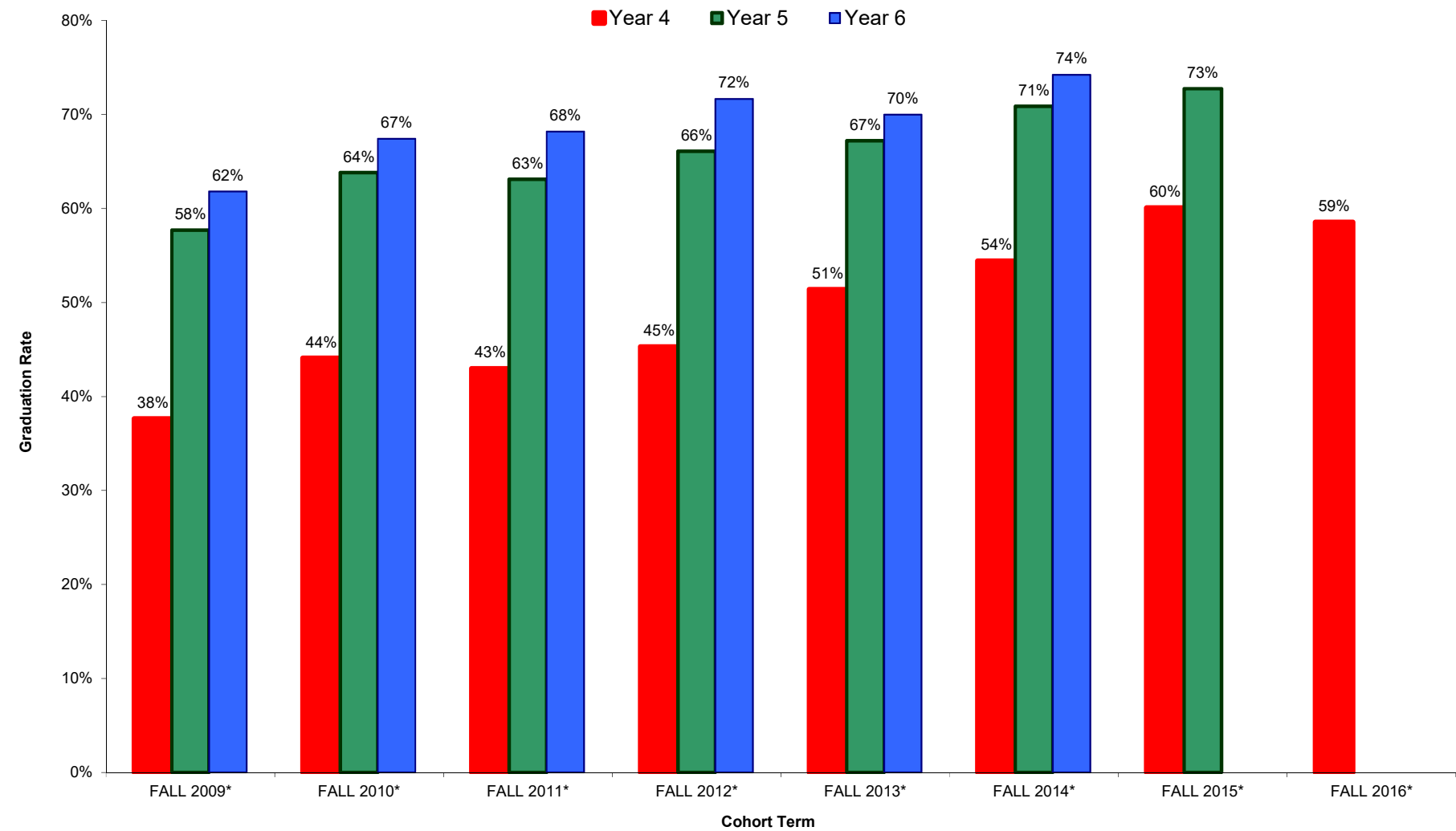
	AY 14-15 to Fall 15	AY 15-16 to Fall 16	AY 16-17 to Fall 17	AY 17-18 to Fall 18	AY 18-19 to Fall 19	AY 19-20 to Fall 20
Official Stats						
Attrition Rate	12%	12%	11%	10%	11%	11%
Retention Rate	88%	88%	89%	90%	89%	89%

**Note:**

1. Academic year to fall retention is defined as follows. Let  $X$  be the number of students enrolled at any point during a particular academic year and let  $Y$  be the number of those students who graduated. Then  $X - Y$  is the number of students eligible to continue the following fall. Instead of  $X - Y$ , only  $Z$  students continue. The retention is the fraction  $Z / (X - Y)$ . The percent retention is 100 times this fraction.
2. The attrition calculation includes students transferring to other schools of NYU.



Four, Five, and Six Year Cumulative Graduation Rates for FFF Cohorts  
(Official, September 23, 2020)



\* Adjusted for Military Service

**Undergraduate Enrollment by Program Fall 2015 to Fall 2020**

(Official, September 23, 2020)



Department	Major	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Applied Physics	Mathematics & Physics*	26	27	26	31	20	23
	Applied Physics	28	36	25	29	23	20
<b>PH Total</b>		<b>54</b>	<b>63</b>	<b>51</b>	<b>60</b>	<b>43</b>	<b>43</b>
Chem & Bio Engr	Biomolecular Science	118	125	134	136	136	133
	Chemical And Biomolecular Engineering	243	273	263	232	213	197
	Chemical Engineering						0
<b>CBE Total</b>		<b>361</b>	<b>398</b>	<b>397</b>	<b>368</b>	<b>349</b>	<b>330</b>
Civil & Urban Engr	Civil Engineering	199	168	151	157	185	212
	Construction Management	36	25	18	14	8	4
<b>CUE Total</b>		<b>235</b>	<b>193</b>	<b>169</b>	<b>171</b>	<b>193</b>	<b>216</b>
Comp Sci & Engr	Computer Science	444	483	627	678	693	723
<b>CSE Total</b>		<b>444</b>	<b>483</b>	<b>627</b>	<b>678</b>	<b>693</b>	<b>723</b>
<b>Joint CSE and ECE Programs</b>							
	Computer Engineering **	174	175	173	165	165	168
	Electrical and Computer Engineering***	77	81	84	79	79	95
<b>Joint CSE and ECE Programs</b>		<b>251</b>	<b>256</b>	<b>257</b>	<b>244</b>	<b>244</b>	<b>263</b>
Elec & Comp Engr	Electrical Engineering	189	163	130	108	92	88
<b>ECE Total</b>		<b>189</b>	<b>163</b>	<b>130</b>	<b>108</b>	<b>92</b>	<b>88</b>
Mathematics	Mathematics	55	49	68	95	139	164
<b>MA Total</b>		<b>55</b>	<b>49</b>	<b>68</b>	<b>95</b>	<b>139</b>	<b>164</b>
Mechanical & Aerosp. Engr	Mechanical Engineering	383	423	413	403	423	423
<b>MAE Total</b>		<b>383</b>	<b>423</b>	<b>413</b>	<b>403</b>	<b>423</b>	<b>423</b>
Technology Mgmt & Innovation	Business & Technology Management	126	140	162	179	217	229
<b>TMI Total</b>		<b>126</b>	<b>140</b>	<b>162</b>	<b>179</b>	<b>217</b>	<b>229</b>
Technology, Culture & Society	Integrated Digital Media	74	123	159	194	229	249
	Liberal Studies						
	Science & Technology Studies	28	40	43	48	43	31
	Sustainable Urban Environments	24	36	40	48	45	53
	Technical & Professional Communication						
<b>TCS Total</b>		<b>126</b>	<b>199</b>	<b>242</b>	<b>290</b>	<b>317</b>	<b>333</b>
Undeclared	General Studies						
	General Studies (Students in 3rd Semester)						
	Undeclared Major	62	61	69	54	51	31
	Undergraduate Visitor						
<b>UN Total</b>		<b>62</b>	<b>61</b>	<b>69</b>	<b>54</b>	<b>51</b>	<b>31</b>
<b>Grand Total</b>		<b>2286</b>	<b>2428</b>	<b>2585</b>	<b>2650</b>	<b>2761</b>	<b>2843</b>

\* Joint major between APH &amp; MA (enrollment is equally shared between the two departments)

\*\* Joint major between CSE &amp; ECE (enrollment is equally shared between the two departments)

\*\*\* Joint major between CSE &amp; ECE (enrollment is divided one third CSE and two thirds ECE)

## Graduate Enrollment by Department and Program, Fall 2015 to Fall 2020

(Official, September 23, 2020)



Department	Program	Fall 2015		Fall 2016		Fall 2017		Fall 2018		Fall 2019		Fall 2020	
		PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH
Applied Physics	Applied Physics		6		14		13		5		4		5
<b>APH Total</b>		<b>0</b>	<b>6</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>5</b>		<b>4</b>		<b>5</b>
Biomedical Engineering	Biomedical Engineering								24		24		33
<b>BME Engr</b>									<b>24</b>		<b>24</b>		<b>33</b>
Chemical and Biomolecular Engineering	Bioengineering		40		35		21		1				
	Biomedical Engineering	4	46	4	37	2	26	1	30		35		36
	Biotechnology		14		12		14		16		20		21
	Biotechnology & Entrepreneurship		9	12	10	13	7	20	7	25	10	30	10
	Chemical Engineering	7	11		11		6		6		6		4
	Chemistry												
	Materials Chemistry	10		11		12		14		11		8	
<b>CBE Total</b>		<b>21</b>	<b>120</b>	<b>27</b>	<b>105</b>	<b>27</b>	<b>74</b>	<b>35</b>	<b>59</b>	<b>36</b>	<b>71</b>	<b>38</b>	<b>71</b>
Civil and Urban Engineering	Civil Engineering	23	72	23	74	22	74	28	52	26	55	25	45
	Construction Management		95		109		99		73		2		2
	Environmental Engineering		22		27		21		17		20		17
	Environmental Science		8		10		9		5		10		15
	Executive Construction Management		11		10		10		8		11		11
	MS Construction Management										71		76
	Traffic Engineering												
	Transportation Management		12		10		7		8		6		2
	Transportation Planning				1								1
	Transportation Planning and Engineering	14	26	22	25	27	11	30	16	36	18	35	11
	Urban Systems Engineering And Management		10		17		18		11		6		7
<b>CUE Total</b>		<b>37</b>	<b>256</b>	<b>45</b>	<b>283</b>	<b>49</b>	<b>249</b>	<b>58</b>	<b>190</b>	<b>62</b>	<b>199</b>	<b>60</b>	<b>187</b>
Computer Science and Engineering	Computer Science	59	520	69	506	70	516	64	556	84	610	76	483
	Cyber Security		111		97		60		171		316		533
	Bioinformatics*						23		29		27		42
	Information Systems Engineering												
	Software Engineering		1										
<b>CSE Total</b>		<b>59</b>	<b>632</b>	<b>69</b>	<b>603</b>	<b>70</b>	<b>599</b>	<b>64</b>	<b>756</b>	<b>84</b>	<b>953</b>	<b>76</b>	<b>1058</b>
Electrical and Computer Engineering	Computer Engineering		174		225		158		220		440		553
	Electrical Engineering	102	436	106	462	108	366	122	263	134	278	130	153
	Electrophysics												
	Interdisciplinary Study in Engineering (Wireless Innovation)		1		1		1						
	Power Electronics and Systems												
	Image Processing												
	System Engineering		9		2		1						
	Telecommunication Networks		2										
<b>ECE Total</b>		<b>102</b>	<b>622</b>	<b>106</b>	<b>690</b>	<b>108</b>	<b>526</b>	<b>122</b>	<b>483</b>	<b>134</b>	<b>718</b>	<b>130</b>	<b>706</b>

\* Starting Fall 2017, Bioinformatics falls under Department of Computer Science &amp; Engineering.

**Graduate Enrollment by Department and Program, Fall 2015 to Fall 2020**

(Official, September 23, 2020)



Department	Program	Fall 2015		Fall 2016		Fall 2017		Fall 2018		Fall 2019		Fall 2020	
		PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH	PhD	MS/ OTH
Financial Risk and Engineering	Financial Engineering Risk Management		267		249		311		276		272		252
<b>FRE Total</b>			<b>267</b>		<b>249</b>		<b>311</b>		<b>276</b>		<b>272</b>		<b>252</b>
Interdisciplinary Studies*	Bioinformatics		19		16								
<b>IDS Total</b>		<b>0</b>	<b>19</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
Mathematics	Mathematics	16	11	13	14	11	11	4	24	1	33		37
<b>MA Total</b>		<b>16</b>	<b>11</b>	<b>13</b>	<b>14</b>	<b>11</b>	<b>11</b>	<b>4</b>	<b>24</b>	<b>1</b>	<b>33</b>		<b>37</b>
Mechanical and Aerospace Engineering	Mechanical Engineering	17	73	24	76	27	71	30	63	34	79	42	73
	Mechatronics and Robotics				25		38		38		62		63
<b>MAE Total</b>		<b>17</b>	<b>73</b>	<b>24</b>	<b>101</b>	<b>27</b>	<b>109</b>	<b>30</b>	<b>101</b>	<b>34</b>	<b>141</b>	<b>42</b>	<b>136</b>
Technology Management and Innovation	Human Resource Management												
	Industrial Engineering Management		109		138		103		78		85		80
	Management & Business Administration		87		41		7		2		1		
	Management of Technology		266		369		297		236		347	1	459
	Manufacturing Engineering*		17		12		7		3		1		
	Master of Business Administration												
	Organizational Behavior		45		30		13		3		1		
	Telecommunications Management												
<b>TMI Total</b>		<b>5</b>	<b>526</b>	<b>5</b>	<b>591</b>	<b>4</b>	<b>427</b>	<b>3</b>	<b>323</b>	<b>2</b>	<b>435</b>	<b>1</b>	<b>539</b>
Technology, Culture and Society	Humanities												
	Integrated Digital Media		57		64		80		108		98		82
<b>TCS Total</b>			<b>57</b>		<b>64</b>		<b>80</b>		<b>108</b>		<b>98</b>		<b>82</b>
Undeclared	Graduate Visitor - Undeclared Major				13		20						
	Non Matric Undeclared		22						16		11		5
<b>UN Total</b>			<b>22</b>		<b>13</b>		<b>20</b>		<b>16</b>		<b>11</b>		<b>5</b>
<b>Totals</b>		<b>257</b>	<b>2611</b>	<b>289</b>	<b>2743</b>	<b>296</b>	<b>2419</b>	<b>316</b>	<b>2365</b>	<b>353</b>	<b>2959</b>	<b>347</b>	<b>3111</b>
<b>Grand Totals</b>		<b>2868</b>		<b>3032</b>		<b>2715</b>		<b>2681</b>		<b>3312</b>		<b>3458</b>	

\* Starting Fall 2017, Bioinformatics falls under Department of Computer Science &amp; Engineering.

**New Graduate Student Enrollments by Program Fall 15 to 20**

(Official, September 23, 2020)



Department Name	Program	Fall 15		Fall 16		Fall 17		Fall 18		Fall 19		Fall 20	
		PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth
Applied Physics	Applied Physics		3		10		4				3		2
<b>APH Total</b>			<b>3</b>		<b>10</b>		<b>4</b>		<b>0</b>		<b>3</b>		<b>2</b>
Biomedical Engineering	Biomedical Engineering								12		12		20
<b>BME Engr</b>			<b>0</b>		<b>0</b>		<b>0</b>		<b>12</b>		<b>12</b>		<b>20</b>
Chemical and Biomolecular Engineering	Bioengineering												
	Biomedical Engineering	1	22		11		8						
	Biotechnology		23		10		14		12		20		12
	Biotechnology & Entrepreneurship		7		5		7		7		14		12
	Chemical Engineering	3	3	6	7	3	2	9	2	6	7	8	3
	Chemistry		5		4		2		4		2		
	Materials Chemistry	7		1		2		2		1			
	Polymer Science and Engineering												
<b>CBE Total</b>		<b>11</b>	<b>60</b>	<b>7</b>	<b>37</b>	<b>5</b>	<b>33</b>	<b>11</b>	<b>25</b>	<b>7</b>	<b>43</b>	<b>8</b>	<b>27</b>
Civil and Urban Engineering	Civil and Urban Engineering	4	28	4	31	3	25	9	15	6	17	6	11
	Construction Management		38		45		33						
	Environmental Health Science												
	Environmental Engineering		7		10		7		7		10		6
	Environmental Science		2		5		1		1		5		6
	Executive Construction Management		5		1		6				3		3
	MS Construction Management								21		31		31
	Traffic Engineering												
	Transportation Management		4		1		1		1		1		2
	Transportation Planning				1								
	Transportation Planning and Engineering	1	9	7	7	10	3	6	9	9	4	8	3
	Urban Systems Engineering And Management		4		7		6		2		1		2
<b>CUE Total</b>		<b>5</b>	<b>97</b>	<b>11</b>	<b>108</b>	<b>13</b>	<b>82</b>	<b>15</b>	<b>56</b>	<b>15</b>	<b>72</b>	<b>14</b>	<b>64</b>
Computer Science and Engineering	Computer Science	22	221	11	235	12	257	8	266	18	270	11	142
	Cyber Security		32		20		18		135		189		252
	Bioinformatics*								5		8		15
	Information Systems Engineering												
	Software Engineering												
<b>CSE Total</b>		<b>22</b>	<b>253</b>	<b>11</b>	<b>255</b>	<b>12</b>	<b>275</b>	<b>8</b>	<b>406</b>	<b>18</b>	<b>467</b>	<b>11</b>	<b>409</b>
Electrical and Computer Engineering	Computer Engineering		55		62		47		138		271		199
	Electrical Engineering	26	257	23	258	20	118	34	141	36	134	32	57
	Electrophysics												
	Interdisciplinary Study in Engineering (Wireless Innovation)												
	Power Electronics and Systems												
	System Engineering												
	Telecommunication Networks												
	Wireless Communications												
<b>ECE Total</b>		<b>26</b>	<b>312</b>	<b>23</b>	<b>320</b>	<b>20</b>	<b>165</b>	<b>34</b>	<b>279</b>	<b>36</b>	<b>405</b>	<b>32</b>	<b>256</b>

\* Starting Fall 2017, Bioinformatics falls under Department of Computer Science &amp; Engineering.

**New Graduate Student Enrollments by Program Fall 15 to 20**

(Official, September 23, 2020)

Department Name	Program	Fall 15		Fall 16		Fall 17		Fall 18		Fall 19		Fall 20	
		PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth	PhD	MS/ Oth
Finance and Risk Engineering	Financial Engineering		96		146		163		110		156		98
<b>FRE Total</b>			<b>96</b>		<b>146</b>		<b>163</b>		<b>110</b>		<b>156</b>		<b>98</b>
Interdisciplinary Studies	Bioinformatics		7		6		11						
<b>IDS Total</b>			<b>7</b>		<b>6</b>		<b>11</b>		<b>0</b>				
Mathematics	Mathematics	2	6		4		3		15		15		19
<b>MA Total</b>		<b>2</b>	<b>6</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>15</b>		<b>15</b>		<b>19</b>
Mechanical and Aerospace Engineering	Mechanical Engineering	6	33	11	38	11	22	7	33	9	37	17	33
	Mechatronics and Robotics				17		20		19		47		22
<b>MAE Total</b>		<b>6</b>	<b>33</b>	<b>11</b>	<b>55</b>	<b>11</b>	<b>42</b>	<b>7</b>	<b>52</b>	<b>9</b>	<b>84</b>	<b>17</b>	<b>55</b>
Technology Management and Innovation	Human Resource Management												
	Industrial Engineering		60		60		29		32		41		33
	Information Management												
	Management		37		1								
	Management of Technology		125		164		75		104		196		190
	Master of Business Administration												
	Manufacturing Engineering		5										
	Organizational Behavior		16										
	Project Management		1										
	Technology Management			2									
<b>TMI Total</b>		<b>0</b>	<b>244</b>	<b>2</b>	<b>225</b>	<b>0</b>	<b>104</b>	<b>0</b>	<b>136</b>		<b>237</b>		<b>223</b>
Technology, Culture and Society	Humanities												
	Integrated Digital Media		24		30		37		59		30		43
<b>TCS Total</b>			<b>24</b>		<b>30</b>		<b>37</b>		<b>59</b>		<b>30</b>		<b>43</b>
Undecided	Graduate Visitor - Undeclared Major				13		20						
	Non Matric Undeclared		22						16		11		5
<b>Undecided Total</b>			<b>22</b>		<b>13</b>		<b>20</b>		<b>16</b>		<b>11</b>		<b>5</b>
<b>Total New Graduate Enrollment</b>		<b>72</b>	<b>1157</b>	<b>65</b>	<b>1209</b>	<b>61</b>	<b>939</b>	<b>75</b>	<b>1154</b>	<b>85</b>	<b>1535</b>	<b>82</b>	<b>1221</b>
<b>Grand Totals</b>		<b>1229</b>		<b>1274</b>		<b>1000</b>		<b>1229</b>		<b>1620</b>		<b>1303</b>	

\* Starting Fall 2017, Bioinformatics falls under Department of Computer Science &amp; Engineering.

**Fall 2020 Headcount Report**

(Official, September 23, 2020)

**NYU****TANDON SCHOOL  
OF ENGINEERING****Undergraduate**

Brooklyn				Fall 2019	Fall 2020	% Change Since Last Year
				as of 9/23/2019	as of 9/23/2020	
				Continuing	Regular	Full-time
Part-time	65	77	18.5%			
New	Readmits	Full-time	6	1	-83.3%	
		Part-time	2	1	-50.0%	
	Freshmen	Full-time	613	637	3.9%	
		Part-time	1	2	100.0%	
	* Includes Summer Admits					
	Transfers	Full-time	89	100	12.4%	
		Part-time	5	5	0.0%	
	Inter-School Transfers	Full-time	20	23	15.0%	
		Part-time	1	1	0.0%	
	Quick Admits (3+2 Program)	Full-time	6	5	-16.7%	
Part-time				NA		
Totals (Tandon School of Engineering)						
Total	CON	Full-time	1959	1992	1.7%	
		Part-time	67	78	16.4%	
	NEW	Full-time	728	765	5.1%	
		Part-time	7	8	14.3%	
	Total	Full-Time	2687	2757	2.6%	
		Part-Time	74	86	16.2%	
	Total	CON	2026	2070	2.2%	
		NEW	735	773	5.2%	
Grand Total (Tandon School of Engineering)				2761	2843	3.0%

# Fall 2020 Headcount Report

(Official, September 23, 2020)


**NYU**
**TANDON SCHOOL  
OF ENGINEERING**

				Graduate		
				Fall 2019	Fall 2020	% Change Since Last Year
				as of 9/23/2019	as of 9/23/2020	
Brooklyn	Continuing	Regular	Full-time	1278	1516	18.6%
			Part-time	241	294	22.0%
		Readmits	Full-time	1		-100.0%
			Part-time	4		-100.0%
	New	Regular	Full-time	1359	921	-32.2%
			Part-time	64	97	51.6%
		* Includes Summer Admits				
		Visitors	Full-time			NA
			Part-time	11	5	-54.5%
	Tandon Online and Enterprise Learning	Continuing	Regular	Full-time	3	2
Part-time				165	343	107.9%
New		Regular	Full-time	1	8	700.0%
			Part-time	185	272	47.0%
		* Includes Summer Admits				
Totals	Total	Continuing	Full-time	1282	1518	18.4%
			Part-time	410	637	55.4%
		NEW	Full-time	1360	929	-31.7%
			Part-time	260	374	43.8%
	Total		Full-time	2642	2447	-7.4%
			Part-time	670	1011	50.9%
	Total		Continuing	1692	2155	27.4%
New			1620	1303	-19.6%	
Grand Total				3312	3458	4.4%



**Fall 2020 Headcount Report**

(Official, September 23, 2020)

**NYU School of Engineering - All Graduates**

	FT	PT	Total
NYU CUSP Total	44	26	70
NYU Tandon & Law MS Total	32		32
NYU Tandon Total	2447	1011	3458
<b>School of Engineering Graduate Total</b>	<b>2523</b>	<b>1037</b>	<b>3560</b>

**NYU School of Engineering - Undergraduate Degree Seeking**

	FT	PT	Total
Abu Dhabi Engineering	104		104
NYU Shanghai Engineering	88		88
NYU Tandon	2757	86	2843
<b>School of Engineering Undergraduate Degree Seeking Total</b>	<b>2949</b>	<b>86</b>	<b>3035</b>

**NYU School of Engineering - Overall**

	FT	PT	Total
<b>School of Engineering Overall Total</b>	<b>5472</b>	<b>1123</b>	<b>6595</b>

## Fall 2020 Undergraduate Enrollment Comparison

(Official, September 23, 2020)



NYU

TANDON SCHOOL  
OF ENGINEERING

Department	Academic Load	Fall 2019 9/23/2019			Fall 2020 9/23/2020			% Change		
		CON	NEW	Grand Total	CON	NEW	Grand Total	% Change in Continuing Students	% Change in New Students	% Change in Total Students
Applied Physics	FT	13	9	22	16	7	23	23%	-22%	5%
	PT	1		1			0	-100%	NA	-100%
<b>Applied Physics Total</b>		<b>14</b>	<b>9</b>	<b>23</b>	<b>16</b>	<b>7</b>	<b>23</b>	<b>14%</b>	<b>-22%</b>	<b>0%</b>
Biomolecular Sciences	FT	93	38	131	95	38	133	2%	0%	2%
	PT	4	1	5			0	-100%	-100%	-100%
<b>Biomolecular Sciences total</b>		<b>97</b>	<b>39</b>	<b>136</b>	<b>95</b>	<b>38</b>	<b>133</b>	<b>-2%</b>	<b>-3%</b>	<b>-2%</b>
Business & Technology Management	FT	161	54	215	168	52	220	4%	-4%	2%
	PT	2		2	9		9	350%	NA	350%
<b>Business &amp; Technology Management Total</b>		<b>163</b>	<b>54</b>	<b>217</b>	<b>177</b>	<b>52</b>	<b>229</b>	<b>9%</b>	<b>-4%</b>	<b>6%</b>
Chemical and Biological Engineering	FT	154	56	210	130	60	190	-16%	7%	-10%
	PT	3		3	5	2	7	67%	NA	133%
<b>Chemical and Biological Engineering Total</b>		<b>157</b>	<b>56</b>	<b>213</b>	<b>135</b>	<b>62</b>	<b>197</b>	<b>-14%</b>	<b>11%</b>	<b>-8%</b>
Civil Engineering	FT	133	41	174	158	49	207	19%	20%	19%
	PT	10	1	11	5		5	-50%	-100%	-55%
<b>Civil Engineering Total</b>		<b>143</b>	<b>42</b>	<b>185</b>	<b>163</b>	<b>49</b>	<b>212</b>	<b>14%</b>	<b>17%</b>	<b>15%</b>
Computer Engineering	FT	124	37	161	133	31	164	7%	-16%	2%
	PT	4		4	4		4	0%	NA	0%
<b>Computer Engineering Total</b>		<b>128</b>	<b>37</b>	<b>165</b>	<b>137</b>	<b>31</b>	<b>168</b>	<b>7%</b>	<b>-16%</b>	<b>2%</b>
Computer Science	FT	529	144	673	504	198	702	-5%	38%	4%
	PT	20		20	21		21	5%	NA	5%
<b>Computer Science Total</b>		<b>549</b>	<b>144</b>	<b>693</b>	<b>525</b>	<b>198</b>	<b>723</b>	<b>-4%</b>	<b>38%</b>	<b>4%</b>
Construction Management	FT	7		7	4		4	-43%	NA	-43%
	PT	1		1			0	-100%	NA	-100%
<b>Construction Management Total</b>		<b>8</b>		<b>8</b>	<b>4</b>		<b>4</b>	<b>-50%</b>	<b>NA</b>	<b>-50%</b>
Electrical and Computer Engineering	FT	49	26	75	60	35	95	22%	35%	27%
	PT	3	1	4			0	-100%	-100%	-100%
<b>Electrical and Computer Engineering Total</b>		<b>52</b>	<b>27</b>	<b>79</b>	<b>60</b>	<b>35</b>	<b>95</b>	<b>15%</b>	<b>30%</b>	<b>20%</b>
Electrical Engineering	FT	72	17	89	60	26	86	-17%	53%	-3%
	PT	2	1	3	2		2	0%	-100%	-33%
<b>Electrical Engineering Total</b>		<b>74</b>	<b>18</b>	<b>92</b>	<b>62</b>	<b>26</b>	<b>88</b>	<b>-16%</b>	<b>44%</b>	<b>-4%</b>
Integrated Digital Media	FT	172	49	221	188	43	231	9%	-12%	5%
	PT	8		8	15	3	18	88%	NA	125%
<b>Integrated Digital Media Total</b>		<b>180</b>		<b>180</b>	<b>203</b>	<b>46</b>	<b>249</b>	<b>13%</b>	<b>NA</b>	<b>38%</b>
Mathematics	FT	70	66	136	107	52	159	53%	-21%	17%
	PT	3		3	4	1	5	33%	NA	67%
<b>Mathematics Total</b>		<b>73</b>	<b>66</b>	<b>139</b>	<b>111</b>	<b>53</b>	<b>164</b>	<b>52%</b>	<b>-20%</b>	<b>18%</b>
Mathematics & Physics	FT	14	5	19	12	6	18	-14%	20%	-5%
	PT	1		1	2		2	100%	NA	100%
<b>Mathematics &amp; Physics Total</b>		<b>15</b>	<b>5</b>	<b>20</b>	<b>14</b>	<b>6</b>	<b>20</b>	<b>-7%</b>	<b>20%</b>	<b>0%</b>
Mechanical Engineering	FT	296	122	418	291	122	413	-2%	0%	-1%
	PT	4	1	5	9	1	10	125%	0%	100%
<b>Mechanical Engineering Total</b>		<b>300</b>	<b>123</b>	<b>423</b>	<b>300</b>	<b>123</b>	<b>423</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
Science and Technology Studies	FT	35	6	41	24	6	30	-31%	0%	-27%
	PT	1	1	2	1		1	0%	-100%	-50%
<b>Science and Technology Studies Total</b>		<b>36</b>	<b>7</b>	<b>43</b>	<b>25</b>	<b>6</b>	<b>31</b>	<b>-31%</b>	<b>-14%</b>	<b>-28%</b>
Sustainable Urban Environments	FT	35	10	45	35	16	51	0%	60%	13%
	PT			0	1	1	2	NA	NA	NA
<b>Sustainable Urban Environments Total</b>		<b>35</b>	<b>10</b>	<b>45</b>	<b>36</b>	<b>17</b>	<b>53</b>	<b>3%</b>	<b>70%</b>	<b>18%</b>
Undeclared Major	FT	2	48	50	7	24	31	250%	-50%	-38%
	PT		1	1			0	NA	-100%	-100%
<b>Sustainable Urban Environments Total</b>		<b>2</b>	<b>49</b>	<b>51</b>	<b>7</b>	<b>24</b>	<b>31</b>	<b>250%</b>	<b>-51%</b>	<b>-39%</b>
Total NYU Tandon School of Engineering Undergraduate	FT	1959	728	2687	1992	765	2757	2%	5%	3%
	PT	67	7	74	78	8	86	16%	14%	16%
<b>Overall Total</b>		<b>2026</b>	<b>735</b>	<b>2761</b>	<b>2070</b>	<b>773</b>	<b>2843</b>	<b>2%</b>	<b>5%</b>	<b>3%</b>

## Fall 2020 Graduate Enrollment Comparison



NYU

TANDON SCHOOL  
OF ENGINEERING

(Official, September 23, 2020)

Department	Academic Load	Fall 2019 9/23/2019			Fall 2020 9/23/2020			% 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		3	3	3	2	5	NA	-33.3%	66.7%
	PT	1		1			0	-100.0%	NA	-100.0%
<b>Dept. of Applied Physics Total</b>		<b>1</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>200.0%</b>	<b>-33.3%</b>	<b>25.0%</b>
Dept. of Biomedical Engineering	FT	9	11	20	12	19	31	33.3%	72.7%	55.0%
	PT	3	1	4	1	1	2	-66.7%	0.0%	-50.0%
<b>Dept. of Biomedical Engineering Total</b>		<b>12</b>	<b>12</b>	<b>24</b>	<b>13</b>	<b>20</b>	<b>33</b>	<b>8.3%</b>	<b>66.7%</b>	<b>37.5%</b>
Dept. of Chemical & Biomolecular Engineering	FT	54	46	100	67	30	97	24.1%	-34.8%	-3.0%
	PT	3	4	7	7	5	12	133.3%	25.0%	71.4%
<b>Dept. of Chemical &amp; Biomolecular Engineering Total</b>		<b>57</b>	<b>50</b>	<b>107</b>	<b>74</b>	<b>35</b>	<b>109</b>	<b>29.8%</b>	<b>-30.0%</b>	<b>1.9%</b>
Dept. of Civil & Urban Engineering	FT	100	62	162	102	58	162	2.0%	-6.5%	0.0%
	PT	74	25	99	67	20	87	-9.5%	-20.0%	-12.1%
<b>Dept. of Civil &amp; Urban Engineering Total</b>		<b>174</b>	<b>87</b>	<b>261</b>	<b>169</b>	<b>78</b>	<b>247</b>	<b>-2.9%</b>	<b>-10.3%</b>	<b>-5.4%</b>
Dept. of Computer Science & Engineering	FT	364	299	663	341	138	479	-6.3%	-53.8%	-27.8%
	PT	188	186	374	346	267	613	84.0%	43.5%	63.9%
<b>Dept. of Computer Science &amp; Engineering Total</b>		<b>552</b>	<b>485</b>	<b>1037</b>	<b>687</b>	<b>405</b>	<b>1092</b>	<b>24.5%</b>	<b>-16.5%</b>	<b>5.3%</b>
Dept. of Electrical and Computer Engineering	FT	372	438	810	479	275	754	28.8%	-37.2%	-6.9%
	PT	39	3	42	96	28	124	146.2%	833.3%	195.2%
<b>Dept. of Electrical and Computer Engineering Total</b>		<b>411</b>	<b>441</b>	<b>852</b>	<b>575</b>	<b>303</b>	<b>878</b>	<b>39.9%</b>	<b>-31.3%</b>	<b>3.1%</b>
Dept. of Finance and Risk Engineering	FT	112	156	268	149	94	243	33.0%	-39.7%	-9.3%
	PT	4		4	5	4	9	25.0%	NA	125.0%
<b>Dept. of Finance and Risk Engineering Total</b>		<b>116</b>	<b>156</b>	<b>272</b>	<b>154</b>	<b>98</b>	<b>252</b>	<b>32.8%</b>	<b>-37.2%</b>	<b>-7.4%</b>
Dept. of Mathematics	FT	15	14	29	14	17	31	-6.7%	21.4%	6.9%
	PT	4	1	5	4	2	6	0.0%	100.0%	20.0%
<b>Dept. of Mathematics Total</b>		<b>19</b>	<b>15</b>	<b>34</b>	<b>18</b>	<b>19</b>	<b>37</b>	<b>-5.3%</b>	<b>26.7%</b>	<b>8.8%</b>
Dept. of Mechanical & Aerospace Engineering	FT	69	90	159	96	62	158	39.1%	-31.1%	-0.6%
	PT	13	3	16	10	10	20	-23.1%	233.3%	25.0%
<b>Dept. of Mechanical &amp; Aerospace Engineering Total</b>		<b>82</b>	<b>93</b>	<b>175</b>	<b>106</b>	<b>72</b>	<b>178</b>	<b>29.3%</b>	<b>-22.6%</b>	<b>1.7%</b>
Dept. of Technology Management & Innovation	FT	139	213	352	230	194	424	65.5%	-8.9%	20.5%
	PT	61	24	85	87	29	116	42.6%	20.8%	36.5%
<b>Dept. of Technology Management &amp; Innovation Total</b>		<b>200</b>	<b>237</b>	<b>437</b>	<b>317</b>	<b>223</b>	<b>540</b>	<b>58.5%</b>	<b>-5.9%</b>	<b>23.6%</b>
Dept. of Technology, Culture & Society	FT	48	28	76	25	40	65	-47.9%	42.9%	-14.5%
	PT	20	2	22	14	3	17	-30.0%	50.0%	-22.7%
<b>Dept. of Technology, Culture &amp; Society Total</b>		<b>68</b>	<b>30</b>	<b>98</b>	<b>39</b>	<b>43</b>	<b>82</b>	<b>-42.6%</b>	<b>43.3%</b>	<b>-16.3%</b>
Visitors	FT			0			0	NA	NA	NA
	PT		11	11		5	5	NA	-54.5%	-54.5%
<b>Visitors Total</b>			<b>11</b>	<b>11</b>		<b>5</b>	<b>5</b>	<b>NA</b>	<b>-54.5%</b>	<b>-54.5%</b>

\*Includes Summer Admits

Total NYU Tandon School of Engineering Graduate Enrollment	FT	1282	1360	2642	1518	929	2449	18.4%	-31.7%	-7.3%
	PT	410	260	670	637	374	1011	55.4%	43.8%	50.9%
<b>Overall Total</b>		<b>1692</b>	<b>1620</b>	<b>3312</b>	<b>2155</b>	<b>1303</b>	<b>3458</b>	<b>27.4%</b>	<b>-19.6%</b>	<b>4.4%</b>

# Fall 2020 Headcount Report

(Official, September 23, 2020)


**NYU**
**TANDON SCHOOL  
OF ENGINEERING**

## NYU Tandon School of Engineering Headcount by Degree Level

Department	UGRD	Graduate				Department Total
	Bachelors	Doctoral	Masters	Certificates	GRAD Visitors	
Dept. of Applied Physics	43		5			48
Dept. of Biomedical Engineering			33			33
Dept. of Chemical & Biomolecular Engineering	330	38	71			439
Dept. of Civil & Urban Engineering	216	60	173	14		463
Dept. of Computer Science & Engineering	723	76	1016			1815
Dept. of Electrical and Computer Engineering	351	130	746	2		1229
Dept. of Finance and Risk Engineering			252			252
Dept. of Mathematics	164		37			201
Dept. of Mechanical & Aerospace Engineering	423	42	136			601
Dept. of Technology Management & Innovation	229	1	539			769
Dept. of Technology, Culture & Society	333		82			415
Undeclared	31					31
Visitors/Non-matric					5	5
<b>Grand Total</b>	<b>2843</b>	<b>347</b>	<b>3090</b>	<b>16</b>	<b>5</b>	<b>6301</b>

# Acronym/Glossary

Subject Area	Subject Area Home School	Subject Area Home School Department
PH	Tandon School of Engineering	Dept. of Applied Physics (APH)
BE	Tandon School of Engineering	Dept. of Biomedical Engineering (BME)
BMS	Tandon School of Engineering	Dept. of Chemical & Biomolecular Engineering (CBE)
BT	Tandon School of Engineering	Dept. of Chemical & Biomolecular Engineering (CBE)
BTE	Tandon School of Engineering	Dept. of Chemical & Biomolecular Engineering (CBE)
CBE	Tandon School of Engineering	Dept. of Chemical & Biomolecular Engineering (CBE)
CM	Tandon School of Engineering	Dept. of Chemical & Biomolecular Engineering (CBE)
CE	Tandon School of Engineering	Dept. of Civil & Urban Engineering (CUE)
TR	Tandon School of Engineering	Dept. of Civil & Urban Engineering (CUE)
CS	Tandon School of Engineering	Dept. of Computer Science & Engineering (CSE)
EE	Tandon School of Engineering	Dept. of Electrical & Computer Engineer (ECE)
EL	Tandon School of Engineering	Dept. of Electrical & Computer Engineer (ECE)
FIN	Tandon School of Engineering	Dept. of Finance and Risk Engineering (FRE)
FRE	Tandon School of Engineering	Dept. of Finance and Risk Engineering (FRE)
RSK	Tandon School of Engineering	Dept. of Finance and Risk Engineering (FRE)
EG	Tandon School of Engineering	Dept. of General Engineering (GE)
GS	Tandon School of Engineering	Dept. of General Studies (GS)
BI	Tandon School of Engineering	Dept. of Computer Science & Engineering (CSE)
MA	Tandon School of Engineering	Dept. of Mathematics (MA)
AE	Tandon School of Engineering	Dept. of Mechanical & Aerospace Engineering (MAE)
ME	Tandon School of Engineering	Dept. of Mechanical & Aerospace Engineering (MAE)
MT	Tandon School of Engineering	Dept. of Mechanical & Aerospace Engineering (MAE)
CSBR	Tandon School of Engineering	NYU Tandon Non-Credit
ENGR	Tandon School of Engineering	NYU Tandon Non-Credit
SL	Tandon School of Engineering	Dept. of Student Life (SL)
IE	Tandon School of Engineering	Dept. of Technology Management & Innovation (TMI)
MG	Tandon School of Engineering	Dept. of Technology Management & Innovation (TMI)
MN	Tandon School of Engineering	Dept. of Technology Management & Innovation (TMI)
AH	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
CAM	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
DM	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
EN	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
HI	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
MD	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
PL	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
PS	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
SEG	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
STS	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
URB	Tandon School of Engineering	Dept. of Technology, Culture & Society (TCS)
EX	Tandon School of Engineering	Registrar
MAINT	Tandon School of Engineering	Registrar
RE	Tandon School of Engineering	Registrar
HE	Tandon School of Engineering	TSOE Undergraduate Academics (UA)
CP	Tandon School of Engineering	Wasserman Center for Career Development (WCCD-B)
IS	Tandon School of Engineering - Exchange Program (EP)	
VIP	Tandon School of Engineering - Vertically Integrated Projects (VIP)	
zAC	Administrative College	
zCAS	College of Arts and Science	
zCAS-EXPOS	College of Arts and Science - Expository Writing	
zCoN	College of Nursing	
zCUSP	Ctr for Urban Sci and Progress	
zGSAS	Graduate School Arts & Science	
zGSIS	Gallatin Schl Individual Stdy	
zNYU-AC	Administrative College	
zNYUAD	NYU Abu Dhabi	
zNYUSH	NYU Shanghai Undergraduate	
zSL	School of Law	
zSPS	Sch Profsnl Std	
zSSCEHD	Steinhardt Sch Cult Ed Hum Dev	
zSSSW	Silver School of Social Work	
zSTERN-G	Stern Schl Business-Grad Div	
zSTERN-U	Stern Schl Business-Undergrad	
zTISCH	Tisch School of the Arts	
zUC	University College Undergrad	
zWSPS-G	Wagner Grad Schl Public Srvc	
zWSPS-U	Wagner Schl Public Srvc UGRD	

## Acronym (Enrollment Headcount Report)

**UGRD** = Undergraduate

**GRAD** = Graduate

**TSOE** = Tandon School of Engineering

**Freshmen\*** = Summer New Freshmen students are included in Fall New Freshmen cohort as per IPEDS

**UGRD Quick Admits (3+2 Program)** = These students start at College of Arts & Science (zCAS) and after completing 3 years they are admitted to TSOE and receive dual degrees (one from zCAS and the other from TSOE)

**Transfers** : Non-NYU New Transfer Students

**Inter-School Transfers:** Non-TSOE Students from other-NYU schools matriculated into TSOE Academic Programs

**NY** = NYU Tandon Non-Credit