

IRP@FHDA

Introduction

The MIS SA (Student Assessment) report for the 2020-21 academic year was submitted by the FHDA CCD to the California Community Colleges Chancellor's Office (CCCCO) on September 9, 2021. The MIS SA report includes data on course placement tests used during a given academic year by community colleges in California.

This document provides a summary of the data submitted for De Anza College in the MIS SA report for the last eight academic years (2013-14 to 2020-21). It also provides demographic trends for students who received this type of service as this college moved towards eliminating testing for course placement in *English* and *Math* courses. Student headcounts are shown in tables, which disaggregate the data by academic year, course or test subject (i.e., *English, ESL, Math, Other Subjects*), enrollment status (i.e., whether the student enrolled at the college) or demographics (i.e., gender, age group, race/ethnicity).

Data Highlights

Data in Table 1 show tests in the CCCCCO assessment inventory used for course placement in *English, ESL, Math, or Other Subjects* (chemistry or biology) at De Anza College between 2013-14 and 2020-21. Data in this table show that a total of 46,524 students, or prospective students, took at least one of these placement tests during these eight academic years.

Table 2 show headcounts by placement test (i.e., assessment instrument) and academic year. Data in this table show that between 2013-14 and 2020-21 there was a drop of 86% (1,381 in 2020-21 from 9,929 in 2013-14) in the number of students who took at least of these tests at De Anza College.

Table 3 shows headcounts by course subject level and academic year. Data in this table show that in 2013-14 *Math* placement tests accounted for about 76% of the

total headcount in the academic year, while *English* accounted for 71%. (Headcounts are not mutually exclusive.) In 2020-21, *Math* or *English* test placement services were no longer provided; in this last academic year, *ESL* accounted for 64% of the total headcount and *Other Subjects*, 38%.

Figure 1 illustrates the transition on the use of tests for placement in *English* or *Math* courses at De Anza College—with more than 7,000 test-takers in 2013-14 to none in 2020-21.

Table 4, Table 5, and Table 6 show headcounts by enrollment status (test-takers and enrollees) and academic year for all tests, *ESL*, and *Other Subjects*, respectively. Data in these tables show that the percentage of test-takers who were enrolled at De Anza College during or after the test date (i.e., enrollees) declined from 88% in 2013-14 to 83% in 2020-21. As shown in Table 3, test subject and time (i.e., academic year) seem to account for this drop: (a) *ESL*, which always had a lower percentage of enrollees than other test subjects, accounted for 64% of all test-takers in 2020-21, compared to 16% in 2013-14; and, (b) *ESL* and *Other Subjects* show a drop in the percentage of enrollees between these academic years of 5% (82% to 77%) and 4% (97% to 93%), respectively.

Table 7 to Table 15 show demographics (i.e., gender, age, race/ethnicity) for students or enrollees (i.e., test-takers who were enrolled at the College during or after the test date) by academic year.

Data in Table 7 show a gender effect: the percentage of females in the total headcount for students who received test placement services at De Anza increased to 63% in 2020-21 from 47% in 2013-14 (increase of 16 percentage points), while the percentage of male students dropped to 36% from 52% (drop of 16 points) during the same period.

Figure 2 shows the significant change or switch in gender statistics during these eight academic years. The data also show a significant gender effect for *ESL* and, to a lesser extent, for *Other Subjects* in Table 8 and Table 9, respectively.

Regarding age, data in Table 10 show that the number of students age *19 or less* (mainly first-time students) who received test placement services at De Anza College dropped by more than 90% (464 in 2020-21 from 5,779 in 2013-14) during the last eight academic years. In 2020-21, students age *19 or less* accounted for 41% of the total, compared to 66% in 2013-14 (a drop of 25 percentage points). Although not as significant, data for *ESL* and *Other Subjects* also show an age effect in Table 11 and Table 12, respectively.

Figure 3 illustrates the impact of new test placement practices at the De Anza College by age group, especially for the *19 or less age* group.

Data in Table 13 show headcounts by race/ethnic group and academic year. This table show a significant drop in the headcount across all race/ethnic groups, with Hispanics showing the largest percentage change—a drop of 96%, 100 in 2020-21 from 2,450 in 1013-14—and international students, the smallest—a drop of 74%, 235 in 2020-21 from 912 in 2013-14.¹

Figure 4 illustrates changes in the headcount for the main race/ethnic groups (i.e., groups with a cell size greater than 20).

When taking into account the representation of the race/ethnic group in the total number of students who received test placement services at De Anza, data in Table 13 show more significant changes for Hispanic, Asian, and international students: the percentage of Hispanics in the total number of students dropped to 9% in 2020-21 from 28% in 2013-14 (a decline of 19 percentage points); the percentage of Asians increased to 52% from 37% (increase of 15 percentage points); and the percentage of international students increased to 21% from 10% (increase of 11 points).

Regarding headcounts by race/ethnic group disaggregated by test subject, data in Table 14 show that students who receive *ESL* test placement services are

¹ The number of international students have declined significantly at the De Anza College during the last three academic years.

predominantly Asians (54% in 2020-21 from 45% in 2013-14). As expected, the headcount for international students receiving *ESL* test placement services has dropped significantly during these eight academic years (185 in 2020-21 from 452 in 2013-14); however, they still account for 27% of the total headcount in 2020-21.

For *Other Subjects*, data in Table 15 show no significant changes in the percentages for each of the race/ethnic groups across academic years. Data in this table consistently show that students who took placement tests at De Anza College for biology or chemistry courses were predominantly Asian (49% in 2013-14; 48% in 2020-21).

Table 1. De Anza College: Headcount by Assessment Instrument, 2013-14 to 2020-21

Subject	SA01 Code	Title	First Date	Last Date	Headcount
English	1053	Accuplacer Reading Comprehension	1-Jul-13	27-Jun-19	31,070
	1054	Accuplacer Sentence Skills	1-Jul-13	27-Jun-19	30,918
	5155	De Anza English Writing Sample	1-Jul-13	23-Jun-20	31,252
ESL	1074	Combined English Language Skills Assessment (CELSA) Computerized	1-Jul-13	29-Jun-21	10,274
	5015	De Anza ESL Writing Sample	1-Jul-13	28-Jun-21	10,621
Math	1046	Accuplacer College Level Math	1-Jul-13	28-Jun-19	16,039
	1055	Accuplacer Arithmetic	1-Jul-13	11-Jun-19	8,044
	1056	Accuplacer Elementary Algebra	1-Jul-13	18-Jun-19	19,529
	5401	De Anza Calculus Test	1-Jul-13	28-Jun-19	7,533
Other	5413	De Anza Biology Test	1-Jul-13	29-Jun-21	2,511
	8121	Chemistry 1A Placement Test (CCDT)	11-Jul-13	29-Jun-21	3,865
Total			1-Jul-13	29-Jun-21	46,524

Notes

Data include all test takers, independently of whether they were enrolled during or after the test date at the College.
 SA01 Code is the CCCCOC (California Community Colleges Chancellor's Office) assessment inventory code for the test.

Table 2. De Anza College: Headcount by Assessment Instrument and Academic Year

Subject	Title	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
English	Accuplacer Reading Comprehension	6,962	6,472	5,751	5,365	5,409	1,411	-	-
	Accuplacer Sentence Skills	6,904	6,408	5,692	5,313	5,363	1,389	-	-
	De Anza English Writing Sample	6,947	6,472	5,754	5,360	5,474	1,428	2	-
ESL	Combined English Language Skills Assessment (CELSA) Computerized	1,579	1,527	1,558	1,627	1,431	1,209	1,033	550
	De Anza ESL Writing Sample	1,575	1,520	1,551	1,620	1,424	1,200	1,152	872
Math	Accuplacer Arithmetic	1,678	1,678	1,541	1,542	1,443	185	-	-
	Accuplacer College Level Math	3,144	3,371	2,999	2,818	2,917	910	-	-
	Accuplacer Elementary Algebra	4,363	4,152	3,753	3,591	3,229	509	-	-
	De Anza Calculus Test	1,284	1,310	1,246	1,302	1,429	1,042	-	-
Other	Chemistry 1A Placement Test (CCDT)	606	489	427	453	571	481	335	521
	De Anza Biology Test	356	334	317	313	269	222	185	525
Total		9,929	9,488	8,611	8,177	8,125	3,762	1,624	1,381

Notes

Data include all test takers, independently of whether they were enrolled during or after the test date at the College.

Table 3. De Anza College: Headcount by Subject and Academic Year

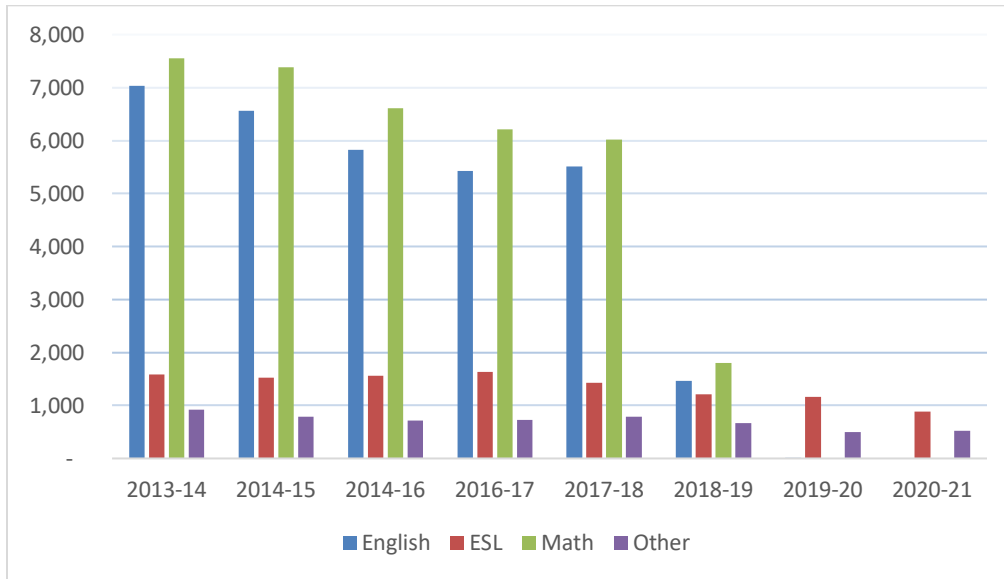
Headcount								
Subject	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
English	7,034	6,558	5,823	5,422	5,513	1,470	2	-
ESL	1,580	1,528	1,561	1,628	1,434	1,209	1,162	890
Math	7,559	7,387	6,610	6,208	6,017	1,805	-	-
Other	919	793	715	729	793	667	496	526
Total	9,929	9,488	8,611	8,177	8,125	3,762	1,624	1,381

Percentage								
Subject	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
English	71%	69%	68%	66%	68%	39%	0%	0%
ESL	16%	16%	18%	20%	18%	32%	72%	64%
Math	76%	78%	77%	76%	74%	48%	0%	0%
Other	9%	8%	8%	9%	10%	18%	31%	38%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data include all test takers, independently of whether they were enrolled during or after the test date at the College.

Figure 1. De Anza College: Headcount by Subject and Academic Year



Notes

Data include all test takers, independently of whether they were enrolled during or after the test date at the College. See details in Table 3.

Table 4. De Anza College: Headcount by Enrollment Status and Academic Year

Enrollment Status	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Enrollees	8,781	8,337	7,563	7,143	7,148	3,286	1,354	1,141
Test-Takers	9,929	9,488	8,611	8,177	8,125	3,762	1,624	1,381
Percent, Enrollees	88%	88%	88%	87%	88%	87%	83%	83%

Table 5. De Anza College, ESL: Headcount by Enrollment Status and Academic Year

Enrollment Status	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Enrollees	1,290	1,216	1,269	1,302	1,149	935	909	686
Test-Takers	1,580	1,528	1,561	1,628	1,434	1,209	1,162	890
Percent, Enrollees	82%	80%	81%	80%	80%	77%	78%	77%

Table 6. De Anza College, Other Subjects: Headcount by Enrollment Status and Academic Year

Enrollment Status	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Enrollees	892	776	683	703	774	636	479	488
Test-Takers	919	793	715	729	793	667	496	526
Percent, Enrollees	97%	98%	96%	96%	98%	95%	97%	93%

Table 7. De Anza College: Student Headcount by Gender and Academic Year

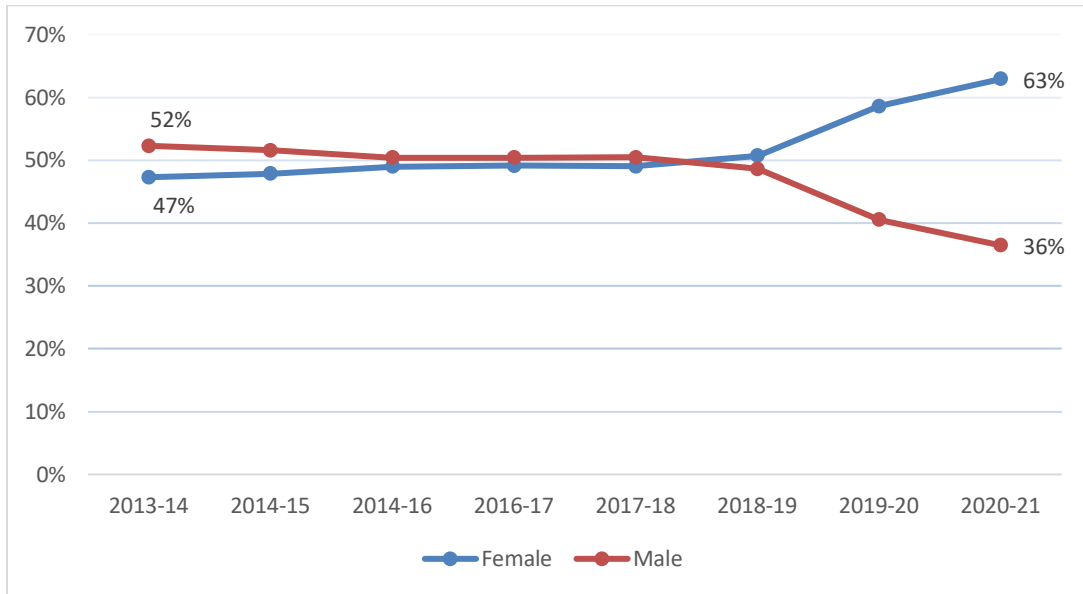
Headcount								
Gender	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Female	4,154	3,990	3,707	3,509	3,506	1,667	794	718
Male	4,593	4,301	3,812	3,600	3,606	1,599	549	416
Non-Binary	2	3	3	1	2	-	-	-
Not Reported	32	43	41	33	34	20	11	7
Total	8,781	8,337	7,563	7,143	7,148	3,286	1,354	1,141

Percentage								
Gender	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Female	47%	48%	49%	49%	49%	51%	59%	63%
Male	52%	52%	50%	50%	50%	49%	41%	36%
Non-Binary	0%	0%	0%	0%	0%	0%	0%	0%
Not Reported	0%	1%	1%	0%	0%	1%	1%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College.

Figure 2. De Anza College: Student Headcount by Gender and Academic Year



Notes

Data only include students who were enrolled during or after the test date at the College. See details in Table 7.

Table 8. De Anza College, ESL: Student Headcount by Gender and Academic Year

Headcount								
Gender	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Female	713	691	765	798	706	579	565	461
Male	576	521	500	500	440	349	336	223
Not Reported	1	4	4	4	3	7	8	2
Total	1,290	1,216	1,269	1,302	1,149	935	909	686

Percentage								
Gender	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Female	55%	57%	60%	61%	61%	62%	62%	67%
Male	45%	43%	39%	38%	38%	37%	37%	33%
Not Reported	0%	0%	0%	0%	0%	1%	1%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College.

Table 9. De Anza College, Other Subjects: Student Headcount by Gender and Academic Year

Gender	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Female	464	384	355	372	419	337	256	274
Male	425	390	324	326	354	294	220	209
Non-Binary	1	-	-	-	-	-	-	-
Not Reported	2	2	4	5	1	5	3	5
Total	892	776	683	703	774	636	479	488

Percentage								
Gender	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Female	52%	49%	52%	53%	54%	53%	53%	56%
Male	48%	50%	47%	46%	46%	46%	46%	43%
Non-binary	0%	0%	0%	0%	0%	0%	0%	0%
Not Reported	0%	0%	1%	1%	0%	1%	1%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College.

Table 10. De Anza College: Student Headcount by Age Group and Academic Year

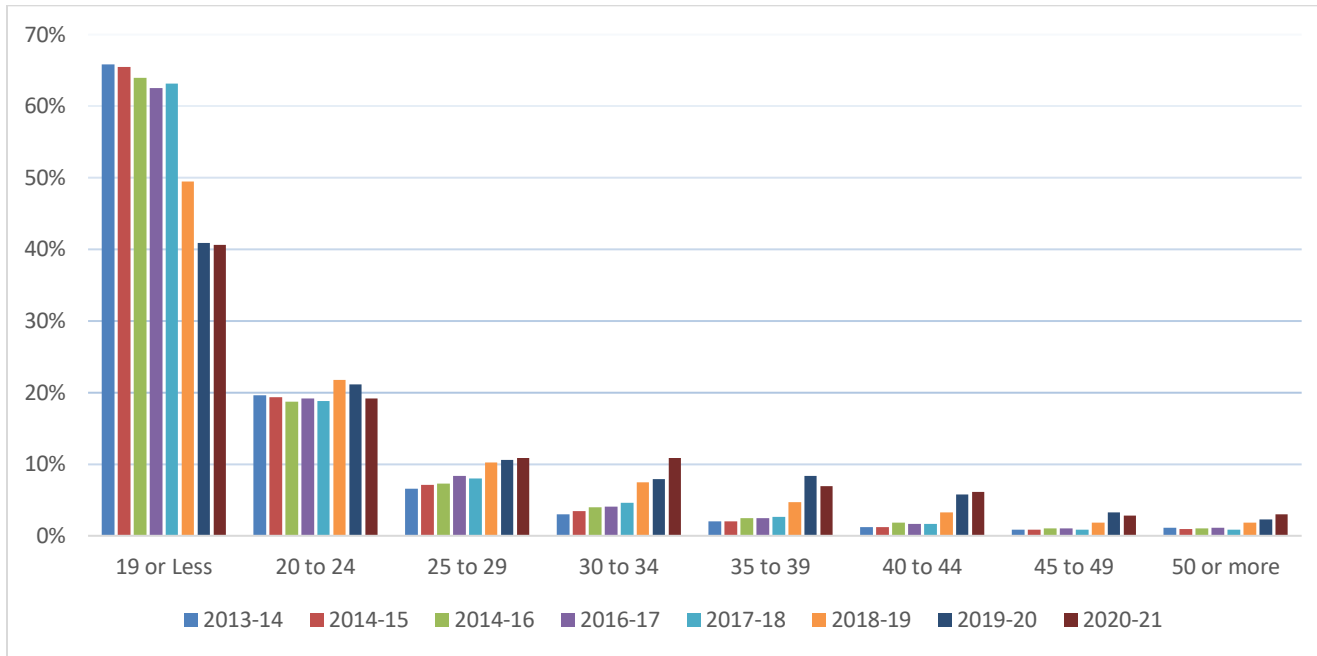
Headcount								
Age Group	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
19 or Less	5,779	5,457	4,839	4,464	4,514	1,626	554	464
20 to 24	1,726	1,611	1,417	1,367	1,345	715	286	219
25 to 29	574	592	552	597	575	338	143	124
30 to 34	267	289	300	294	328	245	107	124
35 to 39	174	165	186	175	188	155	113	79
40 to 44	110	100	139	120	119	107	78	70
45 to 49	77	72	76	73	59	61	44	32
50 or more	97	80	76	78	64	59	31	34
Total	8,781	8,337	7,563	7,143	7,148	3,286	1,354	1,141

Percentage								
Age Group	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
19 or Less	66%	65%	64%	62%	63%	49%	41%	41%
20 to 24	20%	19%	19%	19%	19%	22%	21%	19%
25 to 29	7%	7%	7%	8%	8%	10%	11%	11%
30 to 34	3%	3%	4%	4%	5%	7%	8%	11%
35 to 39	2%	2%	2%	2%	3%	5%	8%	7%
40 to 44	1%	1%	2%	2%	2%	3%	6%	6%
45 to 49	1%	1%	1%	1%	1%	2%	3%	3%
50 or more	1%	1%	1%	1%	1%	2%	2%	3%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College.

Figure 3. De Anza College: Student Headcount Percentage by Age Group and Academic Year



Notes

Data only include students who were enrolled during or after the test date at the College. See Table 10 for details.

Table 11. De Anza College, ESL: Student Headcount by Age Group and Academic Year

Headcount								
Age Group	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
19 or Less	463	448	428	446	364	235	278	191
20 to 24	328	297	289	291	242	197	188	121
25 to 29	169	166	185	191	152	115	114	77
30 to 34	117	113	126	144	157	142	90	98
35 to 39	76	74	112	95	113	101	102	71
40 to 44	53	51	73	65	67	76	69	68
45 to 49	34	34	35	35	32	34	41	32
50 or more	50	33	22	35	27	37	28	30
Total	1,290	1,216	1,269	1,302	1,149	935	909	686

Percentage								
Age Group	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
19 or Less	36%	37%	34%	34%	32%	25%	31%	28%
20 to 24	25%	24%	23%	22%	21%	21%	21%	18%
25 to 29	13%	14%	15%	15%	13%	12%	13%	11%
30 to 34	9%	9%	10%	11%	14%	15%	10%	14%
35 to 39	6%	6%	9%	7%	10%	11%	11%	10%
40 to 44	4%	4%	6%	5%	6%	8%	8%	10%
45 to 49	3%	3%	3%	3%	3%	4%	5%	5%
50 or more	4%	3%	2%	3%	2%	4%	3%	4%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Includes only data for students who were enrolled during or after the test date at the college.

Table 12. De Anza College, Other Subjects: Student Headcount by Age Group and Academic Year

Headcount								
Age Group	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
19 or Less	616	499	445	433	470	410	295	284
20 to 24	186	175	152	175	200	134	108	106
25 to 29	55	56	48	47	58	46	31	54
30 to 34	14	29	17	21	27	19	17	29
35 to 39	13	8	9	8	11	9	12	8
40 to 44	6	3	3	5	4	6	9	3
45 to 49	2	5	5	6	2	6	4	1
50 or more	2	3	4	8	4	6	3	4
Total	892	776	683	703	774	636	479	488

Percentage								
Age Group	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
19 or Less	69%	64%	65%	62%	61%	64%	62%	58%
20 to 24	21%	23%	22%	25%	26%	21%	23%	22%
25 to 29	6%	7%	7%	7%	7%	7%	6%	11%
30 to 34	2%	4%	2%	3%	3%	3%	4%	6%
35 to 39	1%	1%	1%	1%	1%	1%	3%	2%
40 to 44	1%	0%	0%	1%	1%	1%	2%	1%
45 to 49	0%	1%	1%	1%	0%	1%	1%	0%
50 or more	0%	0%	1%	1%	1%	1%	1%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College.

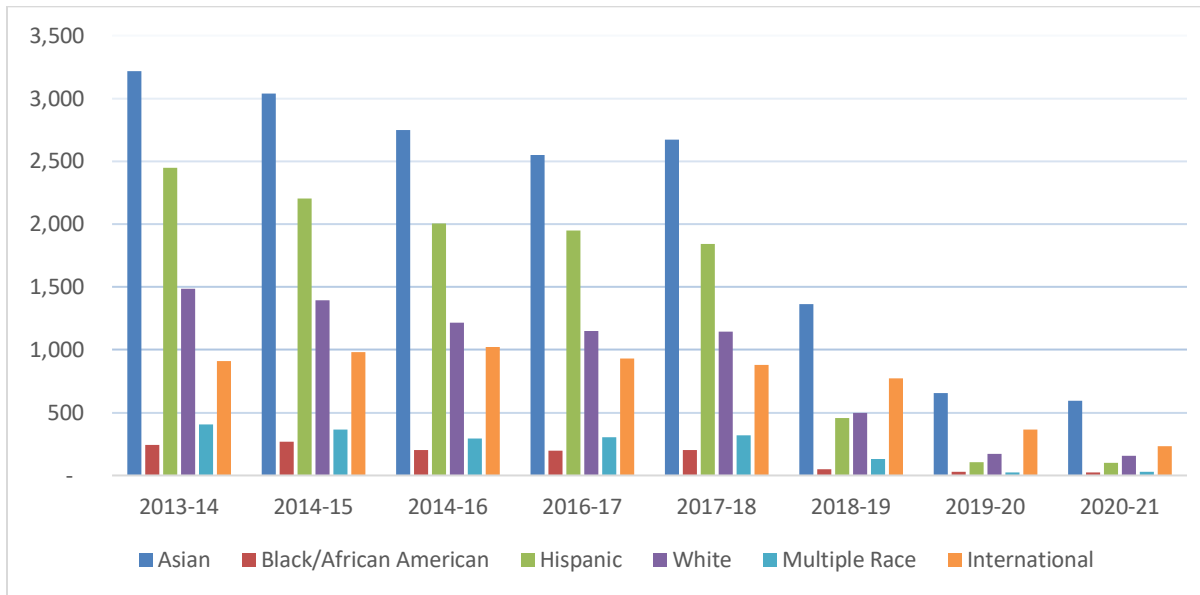
Table 13. De Anza College: Student Headcount by Race/Ethnicity and Academic Year

Headcount								
Race/Ethnicity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
American Indian/Alaskan Native	12	12	10	6	9	2	-	-
Asian	3,216	3,040	2,749	2,549	2,672	1,364	658	596
Black/African American	245	270	202	195	201	52	28	23
Hispanic	2,450	2,204	2,004	1,950	1,844	457	108	100
Pacific Islander	27	43	37	40	55	9	2	3
White	1,487	1,395	1,216	1,148	1,146	496	171	155
Multiple Race	406	363	293	302	317	132	23	31
International	912	984	1,024	929	880	774	364	235
Not Reported	30	28	31	25	27	28	18	6
Total	8,781	8,337	7,563	7,143	7,148	3,286	1,354	1,141
Percentage								
Race/Ethnicity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
American Indian/Alaskan Native	0%	0%	0%	0%	0%	0%	0%	0%
Asian	37%	36%	36%	36%	37%	42%	49%	52%
Black/African American	3%	3%	3%	3%	3%	2%	2%	2%
Hispanic	28%	26%	26%	27%	26%	14%	8%	9%
Pacific Islander	0%	1%	0%	1%	1%	0%	0%	0%
White	17%	17%	16%	16%	16%	15%	13%	14%
Multiple Race	5%	4%	4%	4%	4%	4%	2%	3%
International	10%	12%	14%	13%	12%	24%	27%	21%
Not Reported	0%	0%	0%	0%	0%	1%	1%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College. International status supersedes race/ethnicity group.

Figure 4. De Anza College: Student Headcount by Race/Ethnicity and Academic Year



Notes

Data only include students who were enrolled during or after the test date at the College.
 International status supersedes race/ethnicity group.
 Only groups with a cell size greater than 20 are included in the graph.
 See Table 11 for details.

Table 14. De Anza College, ESL: Student Headcount by Race/Ethnicity and Academic Year

Headcount								
Race/Ethnicity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Asian	576	501	534	577	547	441	436	372
Black/African American	19	17	8	15	11	15	16	16
Hispanic	93	67	94	108	89	57	39	43
Pacific Islander	1	1	-	-	-	2	-	-
White	142	178	187	174	154	155	97	68
Multiple Race	2	6	4	4	3	2	4	2
International	452	442	435	420	340	260	319	185
Not Reported	5	4	7	4	5	10	15	3
Total	1,290	1,216	1,269	1,302	1,149	935	909	686

Percentage								
Race/Ethnicity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Asian	45%	41%	42%	44%	48%	47%	48%	54%
Black/African American	1%	1%	1%	1%	1%	2%	2%	2%
Hispanic	7%	6%	7%	8%	8%	6%	4%	6%
Pacific Islander	0%	0%	0%	0%	0%	0%	0%	0%
White	11%	15%	15%	13%	13%	17%	11%	10%
Multiple Race	0%	0%	0%	0%	0%	0%	0%	0%
International	35%	36%	34%	32%	30%	28%	35%	27%
Not Reported	0%	0%	1%	0%	0%	1%	2%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College. International status supersedes race/ethnicity.

Table 15. De Anza College, Other Subjects: Student Headcount by Race/Ethnicity and Academic Year

Headcount								
Race/Ethnicity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
American Indian/Alaskan Native	-	-	-	-	2	-	-	-
Asian	440	356	298	331	337	283	237	236
Black/African American	15	15	10	14	17	11	12	9
Hispanic	127	117	103	119	119	106	68	58
Pacific Islander	1	2	1	1	-	2	2	3
White	146	131	117	114	140	107	74	89
Multiple Race	34	36	19	24	41	40	19	29
International	126	117	132	96	117	82	63	60
Not Reported	3	2	3	5	1	5	4	4
Total	892	776	683	703	774	636	479	488

Percentage								
Race/Ethnicity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
American Indian/Alaskan Native	0%	0%	0%	0%	0%	0%	0%	0%
Asian	49%	46%	44%	47%	44%	44%	49%	48%
Black/African American	2%	2%	1%	2%	2%	2%	3%	2%
Hispanic	14%	15%	15%	17%	15%	17%	14%	12%
Pacific Islander	0%	0%	0%	0%	0%	0%	0%	1%
White	16%	17%	17%	16%	18%	17%	15%	18%
Multiple Race	4%	5%	3%	3%	5%	6%	4%	6%
International	14%	15%	19%	14%	15%	13%	13%	12%
Not Reported	0%	0%	0%	1%	0%	1%	1%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Notes

Data only include students who were enrolled during or after the test date at the College. International status supersedes race/ethnicity.