

IRP@FHDA

To: Becky Bartindale, FHDA Communications Coordinator
From: Lourdes Del Rio-Parent, PhD, Sr. Research Analyst/Data Warehouse Coordinator FHDA
Date: August 26, 2014
Re: Demographics for veterans enrolled at Foothill College or De Anza College between summer 2013 and spring 2014

Demographics for veteran, active duty military, and Reserve/National Guard students enrolled at Foothill College or De Anza College between summer 2013 to spring 2014 are provided in this document and compared to figures for the general student population at each college and the District. Student military status was based on data from the admission application (self-reported) and the information system (Banner) maintained by the veterans resources specialists at each college,¹ who identify students receiving services or benefits because of their military status. Demographics in this report include headcounts for age (Table 3.A to Table 3.C), gender (Table 4.A to Table 4.C), race/ethnic group (Table 5.A to Table 5.d) and education level (Table 6.A to 6.C). The document also includes data for student education goal (Tables 7.A to 7.C) and major or program of study (Table 8.A to Table 8.B).

Data on Table 1 show that about 2.6% of the student population at FHDA (Foothill-De Anza Community College District) during the 2013-14 academic year were associated with the US Armed Forces. This included veterans, dependents of active duty military, active duty military and members of the Reserve or National Guard (1,631 of 63,553). Table 2 provides figures specific to this report, for which students identified as members of the National Guard, Reserve or in active military duty were aggregated within the same group.

¹ Banner, codes from SGASADD: (1) Cohort: VETERAN, VETDABEN, VETERAN2, VETDAGUEST, VETDABOG, VETDAPRREG, VETDATUI, VETERAN1; (2) Attributes: VET, VA33, DV33, VCFW, VTFW. SGASTDN, Veteran tab used to identify military status, including dependents. From the admission application, the data field 'military status' was also used to identify military status, including dependents (spouse or child of child) or active military.

Table 1
Headcounts for Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Military Status

Military Status	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Active Military	37	0.1%	52	0.1%	87	0.1%
Reserve/National Guard	67	0.2%	72	0.2%	134	0.2%
Dependent--Spouse or Child	72	0.2%	78	0.2%	144	0.2%
Veteran	591	1.9%	710	2.0%	1,266	2.0%
Not Applicable	30,180	97.5%	34,864	97.5%	61,922	97.4%
Total Headcount	30,947	100.0%	35,776	100.0%	63,553	100.0%

Table 2.
Headcounts for Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Military Status

Military Status	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Active Military, Reserve, or National Guard	104	0.3%	124	0.3%	221	0.3%
Veteran	591	1.9%	710	2.0%	1,266	2.0%
Other	30,252	97.8%	34,942	97.7%	62,066	97.7%
Total Headcount	30,947	100.0%	35,776	100.0%	63,553	100.0%

Notes:

Includes students enrolled in at least one course, credit or non-credit, from summer 2013 to spring 2014.

Only enrollments with apportionment flag were included.

Information based on latest admission application for the college and data maintained by veteran services specialists at each college.

District statistics are unduplicated (cannot be added across cells) to account for students who enrolled at both colleges during the 2013-14 academic period.

In Table 3.A, data show that veteran students at FHDA were, on average, significantly older than other students, including those in active military duty, the National Guard or Reserve. The average age for veteran students at the District was 37 (median 32); for students in active military duty, the National Guard or Reserve the average age was 26 (median 24); and, for the general student population the average age was 28 (median 23). Figures by age group for the colleges and the District are shown in Table 3.A to Table 3.C. In these tables, the data show De Anza College with a younger population of veterans when compared to Foothill College (Foothill, about 32% of veterans are less than 30 years old; De Anza College, 48%); a pattern that also emerged when comparing the general student population at the colleges.

Table 3.A
Headcounts for Veteran Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Age Group

Age Group	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Less than 20	5	0.8%	28	3.9%	33	2.6%
20 TO 24	50	8.5%	143	20.1%	190	15.0%
25 TO 29	131	22.2%	171	24.1%	297	23.5%
30 TO 34	112	19.0%	107	15.1%	211	16.7%
35 TO 39	60	10.2%	63	8.9%	119	9.4%
40 TO 44	56	9.5%	26	3.7%	78	6.2%
45 TO 50	53	9.0%	39	5.5%	89	7.0%
Older than 50	124	21.0%	133	18.7%	249	19.7%
Total Headcount	591	100.0%	710	100.0%	1,266	100.0%

Table 3.B
Headcounts for Active Military/Reserve/National Guard Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Age Group

Age Group	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Less than 20	6	5.8%	6	4.8%	11	5.0%
20 TO 24	32	30.8%	72	58.1%	101	45.7%
25 TO 29	32	30.8%	29	23.4%	60	27.1%
30 TO 34	18	17.3%	9	7.3%	26	11.8%
35 TO 39	4	3.8%	6	4.8%	10	4.5%
40 TO 44	7	6.7%	0	0.0%	7	3.2%
45 TO 50	2	1.9%	2	1.6%	3	1.4%
Older than 50	3	2.9%	0	0.0%	3	1.4%
Total Headcount	104	100.0%	124	100.0%	221	100.0%

Table 3.C
Headcounts for Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Age Group

Age Group	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Less than 20	4,209	13.6%	7,342	20.5%	11,060	17.4%
20 TO 24	11,848	38.3%	15,255	42.6%	25,528	40.2%
25 TO 29	5,055	16.3%	5,351	15.0%	9,866	15.5%
30 TO 34	2,899	9.4%	2,523	7.1%	5,212	8.2%
35 TO 39	1,777	5.7%	1,487	4.2%	3,143	4.9%
40 TO 44	1,350	4.4%	1,022	2.9%	2,305	3.6%
45 TO 50	1,138	3.7%	1,012	2.8%	2,079	3.3%
Older than 50	2,552	8.2%	1,782	5.0%	4,240	6.7%
Not Reported	119	0.4%	2	0.0%	120	0.2%
Total Headcount	30,947	100.0%	35,776	100.0%	63,553	100.0%

Notes:

Age as of December 31, 2013—midpoint of 2013-14 academic year.

Regarding gender, data in Table 4.A to Table 4.C show that students associated with the US Armed forces are predominantly male (83% for veterans; 87% for active duty military, or member of the Reserve or National Guard). These figures contrast with related statistics for the general population at the colleges or the District, which show virtually no differences in student headcounts between gender groups.

Table 4.A
Headcounts for Veteran Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Gender

Gender	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Female	82	13.9%	119	16.76%	194	15.3%
Male	502	84.9%	581	81.83%	1055	83.3%
Not Reported	7	1.2%	10	1.41%	17	1.3%
Total Headcount	591	100.0%	710	100.00%	1266	100.0%

Table 4.B**Headcounts for Active Military/Reserve/National Guard Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Gender**

Gender	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Female	15	14.4%	16	12.90%	29	13.1%
Male	89	85.6%	108	87.10%	192	86.9%
Not Reported	0	0.0%	0	0.00%	0	0.0%
Total Headcount	104	100.0%	124	100.00%	221	100.0%

Table 4.C**Headcounts for All Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Gender**

Gender	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Female	15790	51.0%	17601	49.20%	31667	49.8%
Male	14858	48.0%	17944	50.16%	31364	49.4%
Not Reported	299	1.0%	231	0.65%	522	0.8%
Total Headcount	30947	100.0%	35776	100.00%	63553	100.0%

Headcounts by race/ethnic group in Table 5.A show that veterans at FHDA are predominantly White (41%), followed by Hispanic (24%) and Asian students (16%). When taking into account statistics for the student population at the colleges and the District (Table 5.C), the data show that Whites are overrepresented among veterans, while Asians are underrepresented. However, this finding seems to not only be related to age, but also likely to change in the future when taking into account the following: (a) Asian veteran students are younger than white veteran students (see average and median age for veteran student by race/ethnic group in Table 5.D), and (b) Asians are slightly overrepresented among students who are active military, in the Reserve, or National Guard (See Table 5.B). These findings suggest future changes in the racial makeup of the veteran student population at FHDA, which is becoming predominantly Asian.

Table 5.A**Headcounts for Veteran Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Ethnicity/Race**

Ethnicity/Race Group	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Asian	64	10.8%	147	20.7%	203	16.0%
Black/African American	58	9.8%	61	8.6%	116	9.2%
Hispanic	134	22.7%	175	24.6%	299	23.6%
American Indian/Native Alaskan	2	0.3%	4	0.6%	6	0.5%
Pacific Islander	10	1.7%	4	0.6%	13	1.0%
White	281	47.5%	248	34.9%	518	40.9%
Multiple Race/Ethnic Groups	32	5.4%	55	7.7%	85	6.7%
Not Reported	10	1.7%	16	2.3%	26	2.1%
Total Headcount	591	100.0%	710	100.0%	1,266	100.0%

Table 5.B**Headcounts for Active Military/Reserve/National Guard Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Ethnicity/Race**

Ethnicity/Race Group	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Asian	30	28.8%	58	46.8%	83	37.6%
Black/African American	10	9.6%	4	3.2%	14	6.3%
Hispanic	26	25.0%	29	23.4%	53	24.0%
American Indian/Native Alaskan	0	0.0%	0	0.0%	0	0.0%
Pacific Islander	0	0.0%	0	0.0%	0	0.0%
White	30	28.8%	26	21.0%	56	25.3%
Multiple Race/Ethnic Groups	8	7.7%	6	4.8%	14	6.3%
Not Reported	0	0.0%	1	0.8%	1	0.5%
Total Headcount	104	100.0%	124	100.0%	221	100.0%

Table 5.C

Headcounts for Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Ethnicity/Race

Ethnicity/Race Group	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Asian	8,266	26.7%	15,508	43.3%	22,223	35.0%
Black/African American	1,275	4.1%	1,195	3.3%	2,378	3.7%
Hispanic	6,794	22.0%	8,296	23.2%	14,574	22.9%
American Indian/Native Alaskan	67	0.2%	54	0.2%	119	0.2%
Pacific Islander	211	0.7%	129	0.4%	330	0.5%
White	10,736	34.7%	8,094	22.6%	18,042	28.4%
Multiple Race/Ethnic Groups	1,490	4.8%	1,675	4.7%	3,014	4.7%
Not Reported	2,108	6.8%	825	2.3%	2,873	4.5%
Total Headcount	30,947	100.0%	35,776	100.0%	63,553	100.0%

Table 5.D

Average and Median Age for Veteran Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Ethnicity/Race

Ethnicity/Race Group	Age					
	Foothill		De Anza		District	
	Average	Median	Average	Median	Average	Median
Asian	36	31	29	27	31	28
Black/African American	44	45	42	39	43	42
Hispanic	34	31	33	29	33	31
American Indian/Native Alaskan	31	31	40	40	37	33
Pacific Islander	39	44	40	41	39	43
White	42	37	38	32	40	35
Multiple Race/Ethnic Groups	30	29	33	29	32	29
Not Reported	48	55	43	42	45	46
All Students Enrolled	29	24	26	22	28	23

Notes:

Students who identified themselves as Hispanic were classified as Hispanic only, independently of any other race/ethnic group they may also have reported.

Age as of December 31, 2013—midpoint of 2013-14 academic year.

Average age: sum of the age for all students divided by headcount.

Median age: middle value in the list of numbers indicating the age for all students.

Regarding education level, data on Table 6.A indicate that about 70% of veteran students at FHDA have less than an associate degree, a figure slightly lower than that for all students enrolled during the 2013-14 academic year at the District, 72% (see Table 6.C). Differences in education level are mainly accounted by the general student profile of the college they attended; veterans and students in the Reserve and National Guard at Foothill College reported a higher education level than the general student population at this College. (Students at Foothill College tend to have a higher education level than students at De Anza.) For De Anza College, the data show no significant differences between veteran students and students in the general population regarding education level (slightly higher for veterans). However, about 11% of active military, Reserve or National Guard students at De Anza had a degree (associate or bachelor's degree), a figure that is significantly lower than the 19% reported for all students at this College.

Table 6.A

Headcounts for Veteran Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Education Level

Education Level	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
High School diploma	314	53.1%	457	64.4%	757	59.8%
GED or HS equivalency/completion	36	6.1%	62	8.7%	96	7.6%
California HS proficiency certificate	8	1.4%	12	1.7%	20	1.6%
Foreign secondary school diploma	6	1.0%	11	1.5%	17	1.3%
Associate degree	67	11.3%	55	7.7%	119	9.4%
Bachelor degree or higher	142	24.0%	100	14.1%	230	18.2%
Not Reported	18	3.0%	13	1.8%	27	2.1%
Total Headcount	591	100.0%	710	100.0%	1,266	100.0%

Table 6.B**Headcounts for Active Military/Reserve/National Guard Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Education Level**

Education Level	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
High School diploma	49	47.1%	84	67.7%	129	58.4%
GED or HS equivalency/completion	8	7.7%	7	5.6%	14	6.3%
California HS proficiency certificate	2	1.9%	4	3.2%	6	2.7%
Foreign secondary school diploma	4	3.8%	15	12.1%	19	8.6%
Associate degree	13	12.5%	4	3.2%	16	7.2%
Bachelor degree or higher	28	26.9%	9	7.3%	36	16.3%
Not Reported	0	0.0%	1	0.8%	1	0.5%
Total Headcount	104	100.0%	124	100.0%	221	100.0%

Table 6.C**Headcounts for Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Education Level**

Education Level	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Less than and not enrolled in High School	328	1.1%	737	2.1%	1,029	1.6%
Special Admit, HS concurrent enrollment	1,447	4.7%	1,302	3.6%	2,672	4.2%
Concurrently enrolled in adult school	43	0.1%	94	0.3%	134	0.2%
High School diploma	15,239	49.2%	20,385	57.0%	33,887	53.3%
GED or HS equivalency/completion	1,299	4.2%	1,484	4.1%	2,657	4.2%
California HS proficiency certificate	506	1.6%	625	1.7%	1,070	1.7%
Foreign secondary school diploma	1,614	5.2%	2,961	8.3%	4,343	6.8%
Associate degree	1,629	5.3%	1,548	4.3%	2,996	4.7%
Bachelor degree or higher	6,350	20.5%	5,333	14.9%	11,153	17.5%
Not Reported	2,492	8.1%	1,307	3.7%	3,612	5.7%
Total Headcount	30,947	100.0%	35,776	100.0%	63,553	100.0%

Data for students' education goal in Table 7.A to Table 7.C show major differences for students who were active duty military or member of the Reserve or National Guard when comparing headcounts for both colleges: 73% of De Anza students in this group reported having the goal of transferring to a 4-year institution, while only 40% of Foothill students in this group reported the same goal. Specific to veteran students, about 20% of students in this group, at both colleges, reported the goal of earning a degree or certificate at the college (i.e., no intention of transferring to a 4-year institution).

Table 6.A

Headcounts for Veteran Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Education Level

Education Level	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
High School diploma	314	53.1%	457	64.4%	757	59.8%
GED or HS equivalency/completion	36	6.1%	62	8.7%	96	7.6%
California HS proficiency certificate	8	1.4%	12	1.7%	20	1.6%
Foreign secondary school diploma	6	1.0%	11	1.5%	17	1.3%
Associate degree	67	11.3%	55	7.7%	119	9.4%
Bachelor degree or higher	142	24.0%	100	14.1%	230	18.2%
Not Reported	18	3.0%	13	1.8%	27	2.1%
Total Headcount	591	100.0%	710	100.0%	1,266	100.0%

Table 6.A**Headcounts for Active Military/Reserve/National Guard Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Education Level**

Education Level	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
High School diploma	49	47.1%	84	67.7%	129	58.4%
GED or HS equivalency/completion	8	7.7%	7	5.6%	14	6.3%
California HS proficiency certificate	2	1.9%	4	3.2%	6	2.7%
Foreign secondary school diploma	4	3.8%	15	12.1%	19	8.6%
Associate degree	13	12.5%	4	3.2%	16	7.2%
Bachelor degree or higher	28	26.9%	9	7.3%	36	16.3%
Not Reported	0	0.0%	1	0.8%	1	0.5%
Total Headcount	104	100.0%	124	100.0%	221	100.0%

Table 6.C**Headcounts for Students Enrolled at Foothill College or De Anza College, Summer 2013 to Spring 2014, by Education Level**

Education Level	Foothill		De Anza		District	
	Headcount	Percent	Headcount	Percent	Headcount	Percent
Less than and not enrolled in High School	328	1.1%	737	2.1%	1,029	1.6%
Special Admit, HS concurrent enrollment	1,447	4.7%	1,302	3.6%	2,672	4.2%
Concurrently enrolled in adult school	43	0.1%	94	0.3%	134	0.2%
High School diploma	15,239	49.2%	20,385	57.0%	33,887	53.3%
GED or HS equivalency/completion	1,299	4.2%	1,484	4.1%	2,657	4.2%
California HS proficiency certificate	506	1.6%	625	1.7%	1,070	1.7%
Foreign secondary school diploma	1,614	5.2%	2,961	8.3%	4,343	6.8%
Associate degree	1,629	5.3%	1,548	4.3%	2,996	4.7%
Bachelor degree or higher	6,350	20.5%	5,333	14.9%	11,153	17.5%
Not Reported	2,492	8.1%	1,307	3.7%	3,612	5.7%
Total Headcount	30,947	100.0%	35,776	100.0%	63,553	100.0%

Majors or programs of study with a veteran student headcount of 10 or higher are shown in Table 8.A for Foothill College and Table 8.B for De Anza College. Headcount and related percent figures for the student population at the college are also provided to assess over or underrepresentation of veteran students across programs of study. Based on percent differences (percent for veteran minus percent for the college), the data suggest that veterans students may be more inclined to specific majors (a difference of at least 3 percentage points between the veteran and general student populations). At Foothill College, the majors veteran students are more likely to choose than other students include: Electrical, Social Sciences, Biological and Physical Sciences and Mathematics, and Radiologic Technology; at De Anza College, Machining and Machine Tools.

Table 8.A
Headcount for Veteran Students Enrolled at Foothill College, Summer 2013 to Spring 2014, by Major or Area of Study

Major or Area of Study	Veterans		All Students		Percent Difference
	Headcount	Percent	Headcount	Percent	
Electrical	42	10.4%	707	2.3%	8.2%
Business Administration	30	7.5%	2,423	7.8%	-0.4%
Biological and Physical Sciences (and Mathematics)	29	7.2%	719	2.3%	4.9%
Social Sciences	29	7.2%	695	2.2%	5.0%
Accounting	28	7.0%	1,498	4.8%	2.1%
Radiologic Technology	24	6.0%	647	2.1%	3.9%
Paramedic	17	4.2%	549	1.8%	2.5%
Sheet Metal and Structural Metal	15	3.7%	434	1.4%	2.3%
Registered Nursing	14	3.5%	560	1.8%	1.7%
Psychology	14	3.5%	868	2.8%	0.7%
Commercial Music	13	3.2%	332	1.1%	2.2%
Engineering	10	2.5%	373	1.2%	1.3%
Transfer Studies	10	2.5%	1,134	3.7%	-1.2%
Undecided/Not Applicable	127	31.6%	9,173	29.6%	2.0%
Other major or area of study	159	39.6%	10,322	33.4%	6.2%
Total Headcount	402	100.0%	30,947	100.0%	

Table 8.B
Headcount for Veteran Students Enrolled at De Anza College, Summer 2013 to Spring 2014, by Major or Area of Study

Major or Area of Study	Veterans		All Students		Percent Difference
	Headcount	Percent	Headcount	Percent	
Business Administration	75	10.6%	4,728	13.2%	-2.7%
Social Sciences	51	7.2%	1,921	5.4%	1.8%
Registered Nursing	41	5.8%	2,055	5.7%	0.0%
Biological and Physical Sciences (and Mathematics)	38	5.4%	1,651	4.6%	0.7%
Biology	32	4.5%	2,397	6.7%	-2.2%
Administration of Justice	31	4.4%	681	1.9%	2.5%
Machining and Machine Tools	28	3.9%	264	0.7%	3.2%
Computer Programming	27	3.8%	1,347	3.8%	0.0%
Automotive Technology	22	3.1%	745	2.1%	1.0%
Accounting	22	3.1%	1,159	3.2%	-0.1%
Computer Networking	21	3.0%	392	1.1%	1.9%
Paralegal	21	3.0%	461	1.3%	1.7%
Mechanical Drafting	16	2.3%	362	1.0%	1.2%
Other Business and Management	16	2.3%	44	0.1%	2.1%
Humanities and Fine Arts	14	2.0%	779	2.2%	-0.2%
Kinesiology	14	2.0%	542	1.5%	0.5%
Real Estate	11	1.5%	263	0.7%	0.8%
Mathematics	11	1.5%	303	0.8%	0.7%
English	10	1.4%	931	2.6%	-1.2%
Speech Communication	10	1.4%	673	1.9%	-0.5%
Undecided/Not Applicable	40	5.6%	5,071	14.2%	-8.5%
Other	159	22.4%	9,007	25.2%	-2.8%
Total Headcount	710	100.0%	35,776	100.0%	