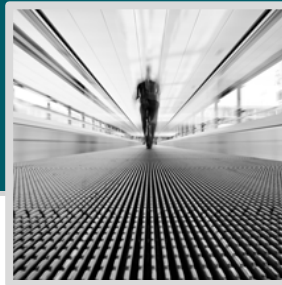# Enrollment Projections

Prepared for Foothill-De Anza Community College District

May 2014

In the following report, Hanover Research provides updated and more detailed enrollment projections for Foothill-De Anza Community College District.

HANOVER RESEARCH

TABLE OF CONTENTS

SECTION I: INTRODUCTION AND METHODOLOGY

In this paper, Hanover reports the results of enrollment projections for Foothill – De Anza. This report provides summary tables on enrollment with projections until 2030. It is important to note that the projections within this report are predicated on stable environments and the dynamic and evolving nature of the educational landscape mandates that these projections be viewed with caution. Any change in state or federal educational policies around financial aid or access would significantly impact the validity of these projections, as would changes in demographic migration or other population changes.

DATA AND METHODOLOGY

Hanover uses two initial files for the enrollment projections. First, Hanover utilizes the population projections at the census tract level for Santa Clara and San Mateo counties. The data in these files provide population estimates for five year intervals starting with 2010 through 2040. We use this file to calculate population growth rates. The second file is the current head count and full time equivalent (FTE) estimate of students attending Foothill – De Anza in 2013. The data is unique at the zip code-ethnicity-age group level. This file is used to obtain the base enrollment figures from which we project the population estimates using the previously calculated growth rates.

Calculating Growth Rates: Using the population projections at the census tract level, we calculate the average compound growth rate using the CAGR formula.[1] Thus, from the population estimates for 2010 and 2040, we estimate the compounded rate at which the population would have to grow from 2010 to reach the estimate in 2040, and this compounded growth figure is our estimated growth rate. We use this growth rate for both the head counts as well as FTE, thus one of the limitations of our model is that we assume that the ratio of FTE to headcount will remain constant over the years.

Levels of Enrollment Projection: We project enrollments at three levels, the zip code, city and zone levels. In order to map the growth projections onto each of these levels, we first take the average of the growth estimates for each census tracts that roll up into each of these geographical units. We then estimate the current headcount and FTE for each geographic unit using the latest enrollment figures provided by Foothill – De Anza, the 2013 enrollment figures. We then project the 2015 enrollment numbers using the growth rate and the 2013 enrollment, and then use the projected figures for each subsequent five year period through to 2030.[2]

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[1] CAGR = (ending value/beginning value)$^{(1/\text{number of time periods})} - 1$

[2] Note that the projections were done through to 2040, but since the client's main interest was only through 2030, and for ease of reporting, we only provide the enrollment projections through to 2030 in this report. The accompanying zip code level projections are provided through 2040.

Please note that the growth rate is calculated using the 2010 actual population and the projected 2040 population estimates, while the base population used to anchor the enrollment figures is from 2013. Ideally, we would have used the population growth rates' base year to be 2013, instead of 2010, but the population estimates were only available in five year intervals. Furthermore, we did not want to use the 2015 figure, because that would have been an estimate, and we wanted to use actual, rather than estimated projections as much as possible.

LIMITATIONS

One of the limitations of this study is that we take population projection estimates at face value. As we estimate further into the future the uncertainty around these estimates increase. Therefore, while these projections use the best currently available information, we advise that Foothills-De Anza update the enrollment projections on periodic bases as new information becomes obtainable.

A second limitation of this analysis is that when calculating the average growth rates at the zip code, or city or zone level from the census tract projections, there are slight differences between the growth rates estimated for the city compared to the zip codes. This is because the populations are not evenly distributed across all the zip codes in a city and these projections were done independently. However, these differences are relatively small. For example, for Santa Clara using the zip code projections, we project head count in 2015 to be 1,986 students, while using the city level projections, the projected enrollment is 1,994. The difference between these two numbers is less than half a percent.

STRUCTURE OF THE REPORT

The rest of the report is structured as follows. Section II provides data on the make-up of the current (2013) students. Section III provides the enrollment projections at the city and zone level. Accompanying this report is an excel file which has the enrollment projections at the zip code level.[3]

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[3] We provide the zip code level enrollments in an excel sheet to enhance reviewability since there are nearly 175 zip codes and they would have been reported across multiple pages in the standard pdf format.

Section II: Enrollment Trends

This section provides an overview of the current enrollment trends for Foothill-De Anza Community College District. Various breakdowns are provided to assist in the strategic planning, marketing, and admissions decisions to ensure increased future enrollment.

Figure 2.1 below provides the total head count—distinct student count—of students enrolled by the zones of interest. These head counts are for both the De Anza and the Foothill campuses. The San Jose proper presents the largest recruiting base for students within the more traditional college student age range (19-22); however, Palo Alto and the Cupertino areas provided significant non-traditional students.

Figure 2.1: Actual Enrollment by Zone and Age (Total Head Count)

Zone Number	Zone Name	Total Head Counts	18 Years and Younger	19 to 22 Years Old	23 - 30 Years Old	31-40 Years Old	41-60 Years Old	61 Years and Older
1	Palo Alto Core	2,003	157	676	443	176	218	333
2	Los Altos / Los Altos Hills Zone	796	79	260	130	42	124	161
3	Mountain View Zone	2,205	163	899	491	321	248	83
4	Sunnyvale Zone	3,004	204	1,219	747	347	323	164
5	Cupertino Zone	4,134	436	1,791	910	332	465	200
6	Campbell Zone	1,914	90	834	531	226	196	37
7	Santa Clara Zone	3,248	168	1,367	982	396	289	46
8	San Mateo County South of 92 Zone	974	43	411	308	87	81	44
9	Milpitas/N. San Jose	1,764	80	840	565	177	89	13
10	Central San Jose Core	7,612	400	3,851	2,193	671	435	62
11	South San Jose	3,699	180	1,698	1,029	441	313	38
Not Provided	Not Provided	6,918	282	2,720	2,393	809	581	133

Figure 2.2 provides similar information at Figure 2.1; however, it is the total rounded full-time equivalent students (FTEs). This table provides most accurate information in examining potential future tuition-revenue or course offerings.

Figure 2.2: Actual Enrollment by Zone and Age (Total FTEs)

ZONE NUMBER	ZONE NAME	TOTAL FTE	18 YEARS AND YOUNGER	19 TO 22 YEARS OLD	23 - 30 YEARS OLD	31-40 YEARS OLD	41-60 YEARS OLD	61 YEARS AND OLDER
1	Palo Alto Core	453	38	210	112	35	38	20
2	Los Altos / Los Altos Hills Zone	173	16	87	31	9	17	13
3	Mountain View Zone	580	52	320	115	49	38	6
4	Sunnyvale Zone	745	55	392	172	60	51	15
5	Cupertino Zone	1,087	107	599	227	62	73	19
6	Campbell Zone	489	25	252	121	49	38	4
7	Santa Clara Zone	843	48	409	236	86	59	5
8	San Mateo County South of 92 Zone	249	11	123	77	20	14	4
9	Milpitas/N. San Jose	471	23	254	132	40	20	2
10	Central San Jose Core	2,056	118	1,159	519	140	107	13
11	South San Jose	976	53	500	243	101	71	8
Not Provided	Not Provided	1,787	80	796	580	204	114	13

To assist further with the strategic planning, Figures 2.3 and 2.4 provided the head count and FTE breakdowns by age and zone separate for the De Anza and Foothill campuses. Based on the information within each table, the De Anza and Foothill campuses receive students from different zones. These differences could be important as system administrators build out strategic marketing plans and enrollment targets.

Figure 2.3: Actual Enrollment by Zone, Age, and Campus (Total Head Count)

INSTITUTION / CAMPUS	ZONE NUMBER	ZONE NAME	TOTAL HEAD COUNTS	18 YEARS AND YOUNGER	19 TO 22 YEARS OLD	23 - 30 YEARS OLD	31-40 YEARS OLD	41-60 YEARS OLD	61 YEARS AND OLDER
De Anza	1	Palo Alto Core	276	2	95	84	36	42	17
De Anza	2	Los Altos / Los Altos Hills Zone	153	17	39	28	10	35	24
De Anza	3	Mountain View Zone	404	10	135	132	59	57	11
De Anza	4	Sunnyvale Zone	1,983	165	802	518	218	209	71
De Anza	5	Cupertino Zone	3,348	344	1,508	710	260	377	149
De Anza	6	Campbell Zone	1,504	73	712	409	154	138	18
De Anza	7	Santa Clara Zone	2,518	147	1,124	696	300	216	35
De Anza	8	San Mateo County South of 92 Zone	182	6	63	62	18	31	2
De Anza	9	Milpitas/N. San Jose	1,327	64	677	400	116	61	9
De Anza	10	Central San Jose Core	6,101	331	3,328	1,633	455	312	42
De Anza	11	South San Jose	2,923	144	1,440	773	306	233	27
De Anza	Not Provided	Not Provided	2,665	129	1,268	850	231	163	24
De Anza Total			**23,384**	**1,432**	**11,191**	**6,295**	**2,163**	**1,874**	**429**
Foothill	1	Palo Alto Core	1,727	155	581	359	140	176	316
Foothill	2	Los Altos / Los Altos Hills Zone	643	62	221	102	32	89	137
Foothill	3	Mountain View Zone	1,801	153	764	359	262	191	72
Foothill	4	Sunnyvale Zone	1,021	39	417	229	129	114	93
Foothill	5	Cupertino Zone	786	92	283	200	72	88	51
Foothill	6	Campbell Zone	410	17	122	122	72	58	19
Foothill	7	Santa Clara Zone	730	21	243	286	96	73	11
Foothill	8	San Mateo County South of 92 Zone	1,180	57	483	337	109	113	81
Foothill	9	Milpitas/N. San Jose	437	16	163	165	61	28	4
Foothill	10	Central San Jose Core	1,511	69	523	560	216	123	20
Foothill	11	South San Jose	776	36	258	256	135	80	11
Foothill	Not Provided	Not Provided	3,831	128	1,303	1,451	538	355	56
Foothill Total			**14,853**	**845**	**5,361**	**4,426**	**1,862**	**1,488**	**871**
Grand Total			**38,237**	**2,277**	**16,552**	**10,721**	**4,025**	**3,362**	**1,300**

Figure 2.4 Actual Enrollment by Zone, Age, and Campus (Total FTEs -rounded)

INSTITUTION / CAMPUS	ZONE NUMBER	ZONE NAME	TOTAL FTES	18 YEARS AND YOUNGER	19 TO 22 YEARS OLD	23 - 30 YEARS OLD	31-40 YEARS OLD	41-60 YEARS OLD	61 YEARS AND OLDER
De Anza	1	Palo Alto Core	61	0	24	20	7	8	2
De Anza	2	Los Altos / Los Altos Hills Zone	28	3	10	6	2	5	3
De Anza	3	Mountain View Zone	86	2	35	26	11	11	1
De Anza	4	Sunnyvale Zone	485	45	242	116	39	34	8
De Anza	5	Cupertino Zone	889	85	508	177	47	57	15
De Anza	6	Campbell Zone	387	21	214	92	32	27	2
De Anza	7	Santa Clara Zone	649	42	331	163	63	46	4
De Anza	8	San Mateo County South of 92 Zone	44	2	18	14	4	6	0
De Anza	9	Milpitas/N. San Jose	354	20	207	89	23	15	1
De Anza	10	Central San Jose Core	1,669	102	996	373	99	88	11
De Anza	11	South San Jose	770	44	420	175	67	57	6
De Anza	Not Provided	Not Provided	685	41	379	184	46	32	3
De Anza Total			**6,107**	**1,432**	**6,105**	**405**	**3,382**	**1,434**	**440**
Foothill	1	Palo Alto Core	391	38	186	92	28	30	18
Foothill	2	Los Altos / Los Altos Hills Zone	144	13	77	25	7	12	10
Foothill	3	Mountain View Zone	494	51	285	89	37	26	5
Foothill	4	Sunnyvale Zone	261	10	149	56	21	17	7
Foothill	5	Cupertino Zone	197	22	91	50	15	16	4
Foothill	6	Campbell Zone	102	4	38	29	18	11	2
Foothill	7	Santa Clara Zone	195	6	79	74	23	12	1
Foothill	8	San Mateo County South of 92 Zone	294	14	146	84	27	17	6
Foothill	9	Milpitas/N. San Jose	118	4	47	44	18	6	1
Foothill	10	Central San Jose Core	387	16	163	146	40	19	2
Foothill	11	South San Jose	207	10	81	68	34	13	1
Foothill	Not Provided	Not Provided	1,008	32	371	376	148	73	7
Foothill Total			**3,798**	**845**	**3,796**	**220**	**1,713**	**1,133**	**415**
Grand Total			**9,905**	**2,277**	**9,901**	**625**	**5,095**	**2,566**	**855**

SECTION III: ENROLLMENT PROJECTIONS

In this section, Hanover provides enrollment projections at various levels of detail. We provide projections for both head count and full time equivalent students (FTE).

PROJECTIONS BY CITY AND AGE

Headcount: The following two tables provide city-based projections for total headcount and enrollment of traditional college aged enrollees, i.e. students aged between 15 and 30.

Figure 3.1: Enrollment Headcount Projections by City (All Ages)

CITY	2013 TOTAL ENROLLMENT (ACTUAL HC)	2015 ESTIMATED TOTAL ENROLLMENT (HC)	2020 ESTIMATED TOTAL ENROLLMENT (HC)	2025 ESTIMATED TOTAL ENROLLMENT (HC)	2030 ESTIMATED TOTAL ENROLLMENT (HC)	% INCREASE BY 2030
San Jose	15,645	15,938	16,683	17,464	18,281	16.8%
Santa Clara	1,954	1,994	2,096	2,204	2,317	18.6%
Daly City	91	92	93	95	96	5.9%
San Mateo	309	313	324	335	346	11.9%
Redwood City	700	711	740	771	802	14.6%
Campbell	584	593	616	640	664	13.8%
Sunnyvale	3,004	3,067	3,228	3,398	3,576	19.1%
Cupertino	2,231	2,256	2,318	2,381	2,447	9.7%
Milpitas	864	892	963	1,040	1,123	30.0%
Palo Alto	,2003	2,031	2,101	2,173	2,249	12.3%
South San Francisco	57	58	61	64	67	17.7%
Los Gatos	438	441	448	455	462	5.5%
Burlingame	68	69	71	74	76	12.1%
Foster City	98	99	100	102	103	5.1%
Los Altos	796	802	818	833	849	6.7%
Belmont	71	72	75	78	81	13.7%
Half Moon Bay	32	32	33	34	35	8.2%
Millbrae	58	59	61	64	66	14.1%
San Bruno	49	50	53	56	60	21.8%
Brisbane	3	3	3	4	4	25.5%
San Carlos	131	132	134	136	138	5.1%
Atherton	30	30	31	32	33	8.7%
TOTAL ENROLLMENT FROM THESE CITIES	**29,216**	**29,733**	**31,051**	**32,430**	**33,874**	**15.9%**
Total Enrollment From Other Cities	9,055	9,157	9,415	9,680	9,953	9.9%
TOTAL ENROLLMENT	**38,271**	**38,890**	**40,466**	**42,110**	**43,827**	**14.5%**

Figure 3.2: Enrollment Headcount Projections by City (15 to 30 year olds)

City	2013 Enrollment 15-30 Yrs Old (Actual)	2015 Enrollment 15-30 Yrs Old (Estimated)	2020 Enrollment 15-30 Yrs Old (Estimated)	2025 Enrollment 15-30 Yrs Old (Estimated)	2030 Enrollment 15-30 Yrs Old (Estimated)	% Increase by 2030
San Jose	3,545	3,612	3,781	3,957	4,143	16.8%
Santa Clara	429	438	460	484	509	18.6%
Daly City	20	20	21	21	21	5.9%
San Mateo	69	70	72	75	77	11.9%
Redwood City	154	156	163	170	176	14.6%
Campbell	124	126	131	136	141	13.8%
Sunnyvale	619	632	665	700	737	19.1%
Cupertino	492	497	511	525	539	9.7%
Milpitas	205	211	228	247	266	30.0%
Palo Alto	359	364	377	390	403	12.3%
South San Francisco	15	15	16	17	17	17.7%
Los Gatos	93	93	95	96	98	5.5%
Burlingame	17	17	18	19	19	12.1%
Foster City	25	25	26	26	26	5.1%
Los Altos	134	135	137	140	143	6.7%
Belmont	17	17	18	19	19	13.7%
Half Moon Bay	6	6	6	6	6	8.2%
Millbrae	16	16	17	17	18	14.1%
San Bruno	11	11	11	12	13	21.8%
Brisbane	0	0	0	0	0	25.5%
San Carlos	28	28	28	29	29	5.1%
Atherton	6	7	7	7	7	8.7%
Total Enrollment From These Cities	**6,383**	**6,497**	**6,787**	**7,091**	**7,410**	**16.1%**
Total Enrollment From Other Cities	1,910	1,932	1,986	2,042	2,100	*9.9%*
Total Enrollment	**8,294**	**8,429**	**8,667**	**8,911**	**9,162**	*10.5%*

Full Time Equivalents (FTEs): Figures 3.3 and 3.4 provide city-based projections for FTEs for all ages and for traditional college aged enrollees. The base FTE counts are from the enrollment figures in 2013, and the projections are aggregated enrollment population projections at the census tract level as described in the methodology section.

Figure 3.3: Enrollment FTE Projections by City (All Ages)

City	2013 Total Enrollment (Actual FTE)	2015 Total Enrollment FTE Estimate	2020 Total Enrollment FTE Estimate	2025 Total Enrollment FTE Estimate	2030 Total Enrollment FTE Estimate	% Increase by 2030
San Jose	4,180	4,258	4,457	4,666	4,884	16.8%
Santa Clara	510	521	548	576	605	18.6%
Daly City	24	24	24	25	25	5.9%
San Mateo	82	83	86	89	92	11.9%
Redwood City	179	181	189	197	205	14.6%
Campbell	152	154	160	166	173	13.8%
Sunnyvale	745	761	801	843	887	19.1%
Cupertino	579	585	601	618	635	9.7%
Milpitas	230	238	257	277	299	30.0%
Palo Alto	453	459	475	491	508	12.3%
South San Francisco	16	17	17	18	19	17.7%
Los Gatos	112	112	114	116	118	5.5%
Burlingame	20	21	21	22	23	12.1%
Foster City	25	25	25	25	26	5.1%
Los Altos	172	173	177	180	184	6.7%
Belmont	20	20	21	22	23	13.7%
Half Moon Bay	8	8	8	8	8	8.2%
Millbrae	17	17	18	19	20	14.1%
San Bruno	13	13	14	15	16	21.8%
Brisbane	1	1	1	1	1	25.5%
San Carlos	35	35	36	36	37	5.1%
Atherton	7	7	8	8	8	8.7%
Total Enrollment From These Cities	**7,579**	**7,714**	**8,058**	**8,418**	**8,794**	**16.0%**
Total Enrollment From Other Cities	2,329	2,356	2,422	2,490	2,560	***9.9%***
Total Enrollment	**9,909**	**10,070**	**10,480**	**10,908**	**11,355**	***14.6%***

Figure 3.4: Enrollment FTE Projections by City (15 to 30 year olds)

CITY	2013 ENROLLMENT 15-30 YRS OLD (ACTUAL)	2015 ENROLLMENT 15-30 YRS OLD (ESTIMATE)	2020 ENROLLMENT 15-30 YRS OLD (ESTIMATE)	2025 ENROLLMENT 15-30 YRS OLD (ESTIMATE)	2030 ENROLLMENT 15-30 YRS OLD (ESTIMATE)	% INCREASE BY 2030
San Jose	3,545	3,612	3,781	3,957	4,143	16.8%
Santa Clara	429	438	460	484	509	18.6%
Daly City	20	20	21	21	21	5.9%
San Mateo	69	70	72	75	77	11.9%
Redwood City	154	156	163	170	176	14.6%
Campbell	124	126	131	136	141	13.8%
Sunnyvale	619	632	665	700	737	19.1%
Cupertino	492	497	511	525	539	9.7%
Milpitas	205	211	228	247	266	30.0%
Palo Alto	359	364	377	390	403	12.3%
South San Francisco	15	15	16	17	17	17.7%
Los Gatos	93	93	95	96	98	5.5%
Burlingame	17	17	18	19	19	12.1%
Foster City	25	25	26	26	26	5.1%
Los Altos	134	135	137	140	143	6.7%
Belmont	17	17	18	19	19	13.7%
Half Moon Bay	6	6	6	6	6	8.2%
Millbrae	16	16	17	17	18	14.1%
San Bruno	11	11	11	12	13	21.8%
Brisbane	0	0	0	0	0	25.5%
San Carlos	28	28	28	29	29	5.1%
Atherton	6	7	7	7	7	8.7%
TOTAL ENROLLMENT FROM THESE CITIES	**6,383**	**6,497**	**6,787**	**7,091**	**7,410**	**16.1%**
Total Enrollment From Other Cities	1,910	1,932	1,986	2,042	2,100	*9.9%*
TOTAL ENROLLMENT	**8,294**	**8,429**	**8,667**	**8,911**	**9,162**	*10.5%*

PROJECTIONS BY CAMPUS

In this section, Hanover provides enrollment projections by zone and campus. We provide enrollment projections for both total headcount as well as full time equivalent (FTE) levels.

Figure 3.5: Projected Enrollment Total Head Count by Zone and Campus
(All Ages)

INSTITUTION / CAMPUS	ZONE NUMBER	ZONE NAME	TOTAL HEAD COUNTS				
			ACTUAL HEAD COUNT: 2013	PROJECTED 2015	PROJECTED 2020	PROJECTED 2025	PROJECTED 2030
De Anza	1	Palo Alto Core	276	280	289	299	310
De Anza	2	Los Altos / Los Altos Hills Zone	153	154	157	160	163
De Anza	3	Mountain View Zone	404	413	437	461	488
De Anza	4	Sunnyvale Zone	1,983	2,025	2,131	2,243	2,361
De Anza	5	Cupertino Zone	3,348	3,388	3,489	3,594	3,701
De Anza	6	Campbell Zone	1,504	1,525	1,577	1,631	1,688
De Anza	7	Santa Clara Zone	2,518	2,569	2,698	2,834	2,976
De Anza	8	San Mateo County South of 92 Zone	182	185	191	197	204
De Anza	9	Milpitas/N. San Jose	1,327	1,361	1,447	1,539	1,636
De Anza	10	Central San Jose Core	6,101	6,215	6,506	6,810	7,129
De Anza	11	South San Jose	2,923	2,978	3,117	3,263	3,415
De Anza	Not Provided	Not Provided	2,665	2,702	2,797	2,895	2,997
De Anza Total			23,384	23,794	24,837	25,927	27,068
Foothill	1	Palo Alto Core	1,727	1,751	1,811	1,874	1,939
Foothill	2	Los Altos / Los Altos Hills Zone	643	648	660	673	686
Foothill	3	Mountain View Zone	1,801	1,842	1,946	2,057	2,173
Foothill	4	Sunnyvale Zone	1,021	1,042	1,097	1,155	1,216
Foothill	5	Cupertino Zone	786	795	819	844	869
Foothill	6	Campbell Zone	410	416	430	445	460
Foothill	7	Santa Clara Zone	730	745	782	822	863
Foothill	8	San Mateo County South of 92 Zone	1,180	1,196	1,237	1,280	1,324
Foothill	9	Milpitas/N. San Jose	437	448	476	507	539
Foothill	10	Central San Jose Core	1,511	1,539	1,611	1,687	1,766
Foothill	11	South San Jose	776	791	828	866	907
Foothill	Not Provided	Not Provided	3,831	3,885	4,021	4,162	4,308
Foothill Total			14,853	15,098	15,720	16,370	17,049
Grand Total			38,237	38,891	40,557	42,298	44,117

Figure 3.5: Projected Enrollment Full Time Equivalents by Zone and Campus
(All Ages)

INSTITUTION / CAMPUS	ZONE NUMBER	ZONE NAME	TOTAL FTEs				
			TOTAL FTEs: 2013	PROJECTED 2015	PROJECTED 2020	PROJECTED 2025	PROJECTED 2030
De Anza	1	Palo Alto Core	61	62	64	66	69
De Anza	2	Los Altos / Los Altos Hills Zone	28	28	29	29	30
De Anza	3	Mountain View Zone	86	88	93	98	104
De Anza	4	Sunnyvale Zone	485	495	521	548	577
De Anza	5	Cupertino Zone	889	899	926	954	982
De Anza	6	Campbell Zone	387	392	406	420	434
De Anza	7	Santa Clara Zone	649	662	695	730	767
De Anza	8	San Mateo County South of 92 Zone	44	44	46	47	49
De Anza	9	Milpitas/N. San Jose	354	363	386	410	436
De Anza	10	Central San Jose Core	1,669	1,701	1,780	1,863	1,951
De Anza	11	South San Jose	770	784	821	859	899
De Anza	Not Provided	Not Provided	685	694	719	744	770
De Anza Total			6,105	6,212	6,485	6,770	7,068
Foothill	1	Palo Alto Core	391	397	411	425	439
Foothill	2	Los Altos / Los Altos Hills Zone	144	145	148	151	154
Foothill	3	Mountain View Zone	494	505	534	564	596
Foothill	4	Sunnyvale Zone	261	266	280	295	310
Foothill	5	Cupertino Zone	197	199	205	211	217
Foothill	6	Campbell Zone	102	103	107	110	114
Foothill	7	Santa Clara Zone	195	198	208	219	230
Foothill	8	San Mateo County South of 92 Zone	294	298	308	319	330
Foothill	9	Milpitas/N. San Jose	118	121	129	137	145
Foothill	10	Central San Jose Core	387	394	412	432	452
Foothill	11	South San Jose	207	211	221	231	242
Foothill	Not Provided	Not Provided	1,008	1,022	1,058	1,095	1,133
Foothill Total			3,796	3,859	4,020	4,187	4,363
Grand Total			9,901	10,071	10,504	10,957	11,430

PARTICIPATION RATE

Figures 3.6 and 3.7 provide enrollment participation rates for each city reported within the U.S. Census Bureau. Not all cities are provided within this table, as they did not all directly match with the data provided. We calculate participation rates by two measures, the 2013 FTE divided by estimated 2013 population and also the 2013 headcount divided by estimated 2013 population. Further, in Figure 3.7, we estimate both these measures for the restricted sample of 15 to 30 year olds, i.e. the typical college age population.

Figure 3.6: Participant Rate by City – All

CITY	PARTICIPATION RATE: HEADCOUNT/POPULATION	PARTICIPATION RATE: FTE/POPULATION
Atherton	0.68%	0.52%
Belmont	0.62%	0.48%
Brisbane	0.05%	0.02%
Burlingame	0.37%	0.30%
Campbell	0.67%	0.51%
Cupertino	2.68%	1.96%
Daly City	0.31%	0.25%
Foster City	0.70%	0.52%
Half Moon Bay	0.35%	0.25%
Los Altos	2.33%	1.37%
Los Gatos	0.94%	0.71%
Millbrae	0.63%	0.56%
Milpitas	1.14%	0.98%
Palo Alto	3.63%	2.31%
Redwood City	2.06%	1.66%
San Bruno	0.60%	0.46%
San Carlos	2.16%	1.60%
San Jose	2.05%	1.67%
San Mateo	0.83%	0.62%
Santa Clara	1.76%	1.39%
South San Francisco	0.34%	0.30%
Sunnyvale	3.50%	2.53%

Figure 3.7: Participant Rate by City – College Age Population

CITY	PARTICIPATION RATE: HEADCOUNT/POPULATION	PARTICIPATION RATE: FTE/POPULATION
Atherton	1.21%	0.34%
Belmont	1.30%	0.40%
Brisbane	0.03%	0.01%
Burlingame	0.84%	0.26%
Campbell	2.90%	0.81%
Cupertino	11.61%	3.50%
Daly City	0.40%	0.11%
Foster City	1.55%	0.54%
Half Moon Bay	0.56%	0.14%
Los Altos	9.64%	2.75%
Los Gatos	4.54%	1.28%
Millbrae	1.22%	0.37%
Milpitas	5.19%	1.44%
Palo Alto	13.14%	3.70%
Redwood City	3.36%	0.92%
San Bruno	0.78%	0.22%
San Carlos	4.73%	1.35%
San Jose	7.92%	2.21%
San Mateo	1.51%	0.45%
Santa Clara	7.73%	2.15%
South San Francisco	0.52%	0.15%
Sunnyvale	15.49%	4.42%

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