



Board of Trustees Presentation



Foothill College



De Anza College

Population Demographics for Growth and Facilities Planning

Robert B. Barr, Ph.D.

Executive Director

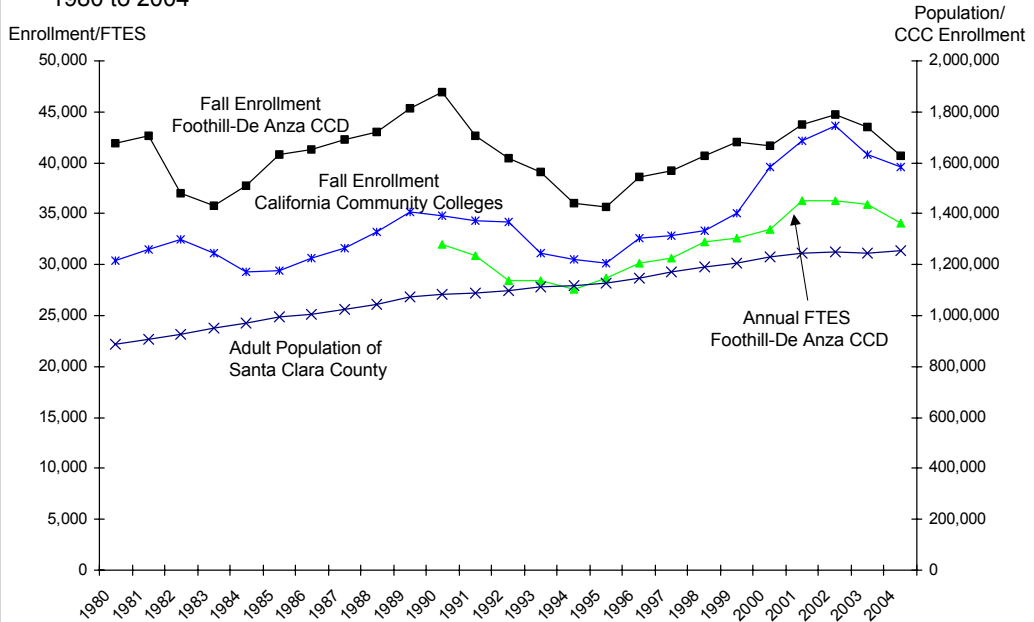
Institutional Research & Planning



Purpose of Presentation

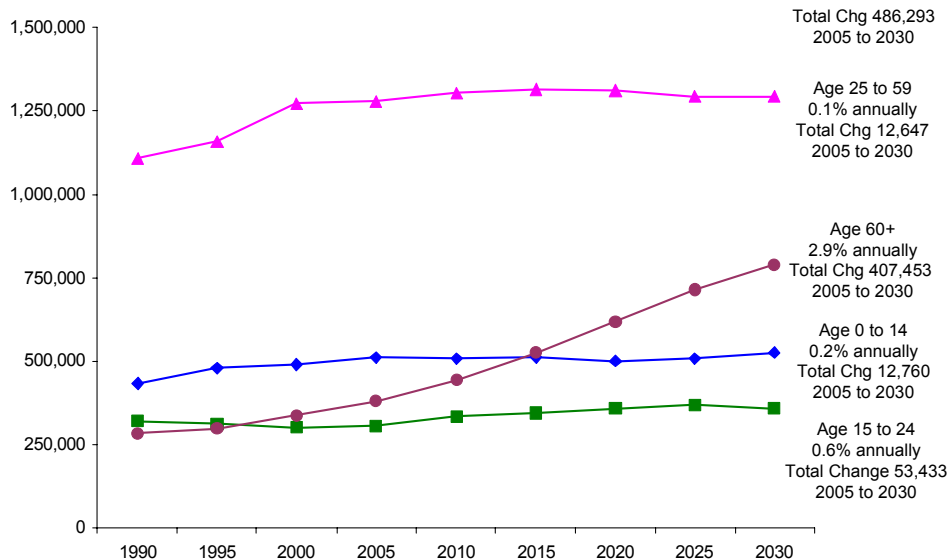
- Additional information related to growth and facilities planning for the district
- An update on information provided in the Educational and the Facilities Master Plans
- Particular focus on growth in the corridors north of Rte 101 and between El Camino & 101
- What is the population growth in and around the district and how many students will we be expected to serve?

**Figure 1 – Adult Population, FHDA & CCC Enrollment, and FHDA FTES
1980 to 2004**



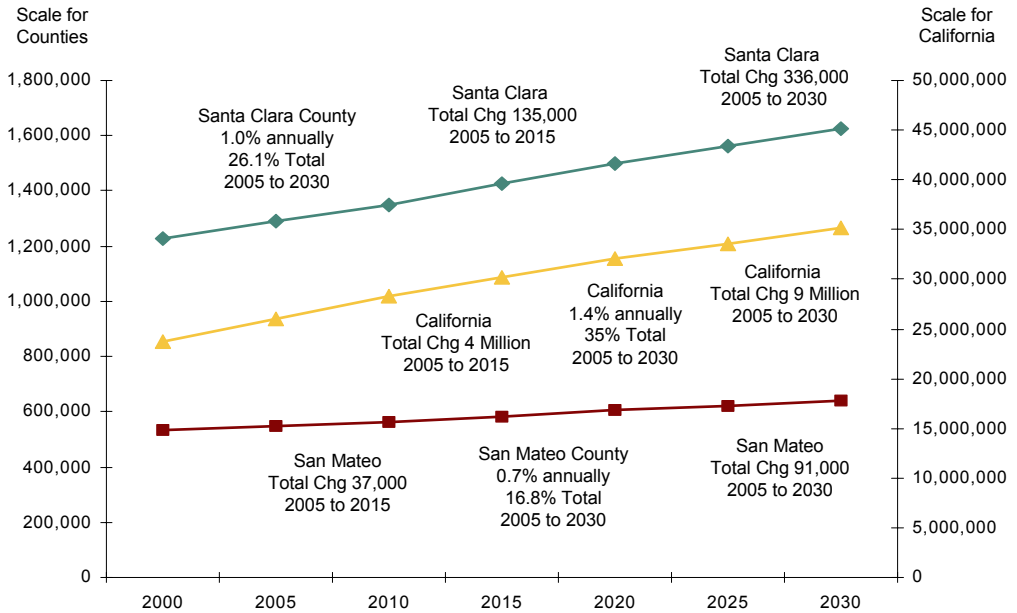
SOURCE: FHDA Enrollment and FTES data from FHDA Institutional Research & Planning. Population data from State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 1970-1989*. Sacramento, CA, Dec 1998 and *Race/Ethnic Population with Age and Sex Detail, 1990-1999*. Sacramento, CA, May 2004. CCC Enrollment from CPEC On-Line Data Query, Nov 2005. Note: Adult is 20 & up.

**Figure 2 - Historical and Forecast Population by Age Group
Santa Clara and San Mateo Counties Combined
1990 to 2030**

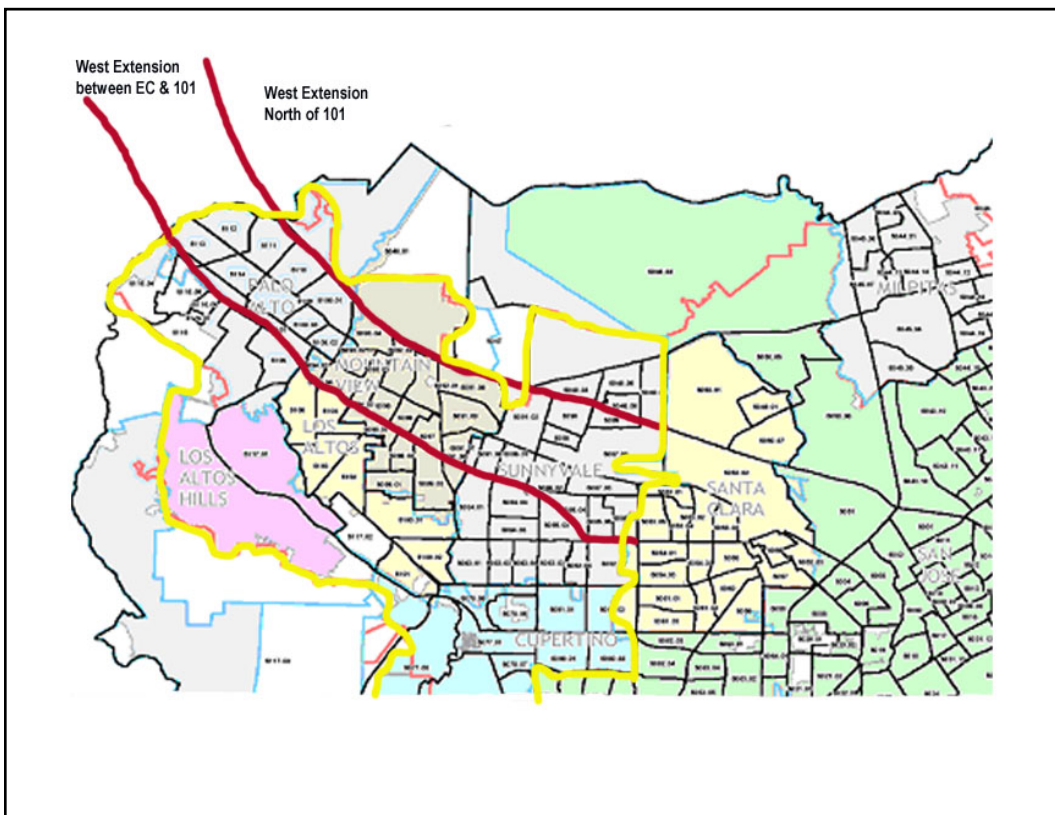


SOURCE: State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 1990-1999*. Sacramento, CA, May 2004. State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 2000-2050*. Sacramento, CA, May 2004.

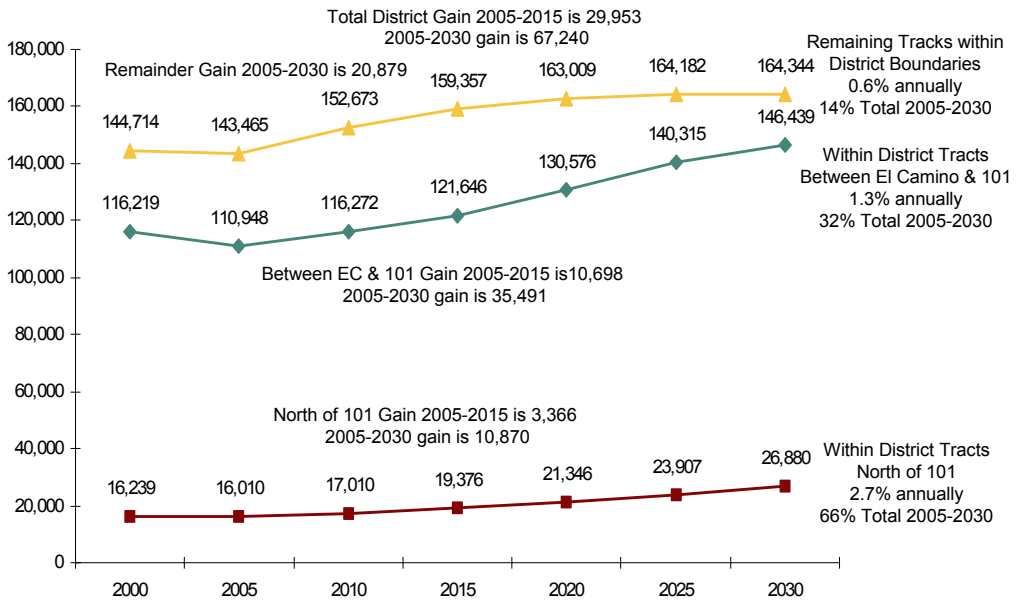
**Figure 3 - Forecast Adult Population, Santa Clara, San Mateo, & California
2000 to 2030**



SOURCE: State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 2000–2050*. Sacramento, CA, May 2004. Note: Adult is 20 & up.



**Figure 4 - Forecast Adult Population Growth, Selected District Areas
2000 to 2030**



SOURCE: ABAG Projections 2005 by Census Tract, December 2004. Note: Adult is 20 & up.



FHDA Enrollment by Residence, 2005 (estimated)

District of Residence	Count	Percent
Foothill-De Anza	12,565	29.9
San Jose-Evergreen	7,544	18.0
West Walley-Mission	8,803	20.9
San Mateo	3,278	7.8
Gavilan Joint	515	1.2
Other California	4,909	11.7
Out of State	424	1.0
Foreign	2,306	5.5
Total	42,026	100

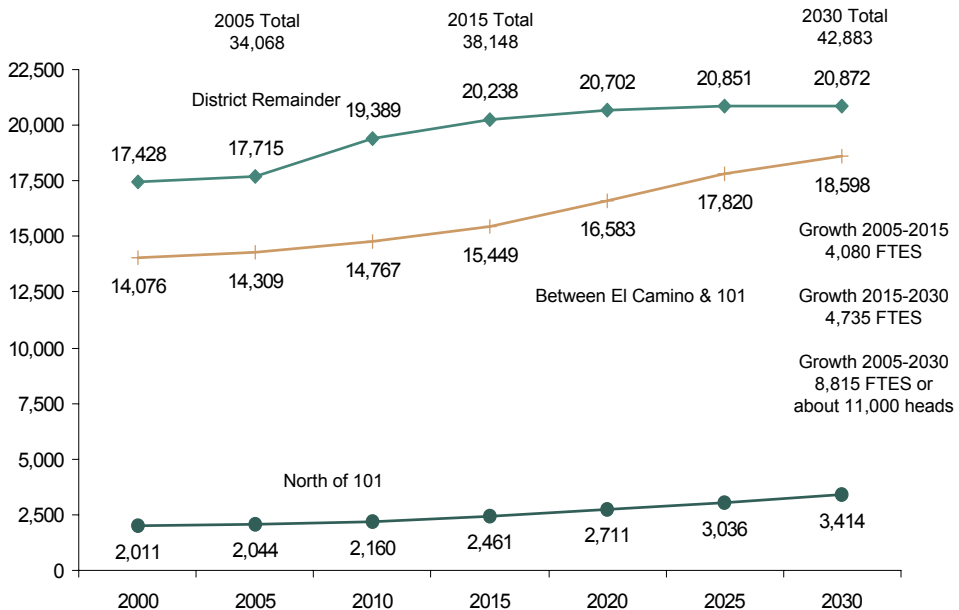


Participation Rates, 2005

Participation Rates per Headcount				
Population Area	Population	Headcount	Percent	Per 1000
District	270,426	12,565	4.65	465
City of San Jose	985,000	13,438	1.36	136
Santa Clara County	1,289,882	29,428	2.28	228
San Mateo	547,330	3,278	0.60	60

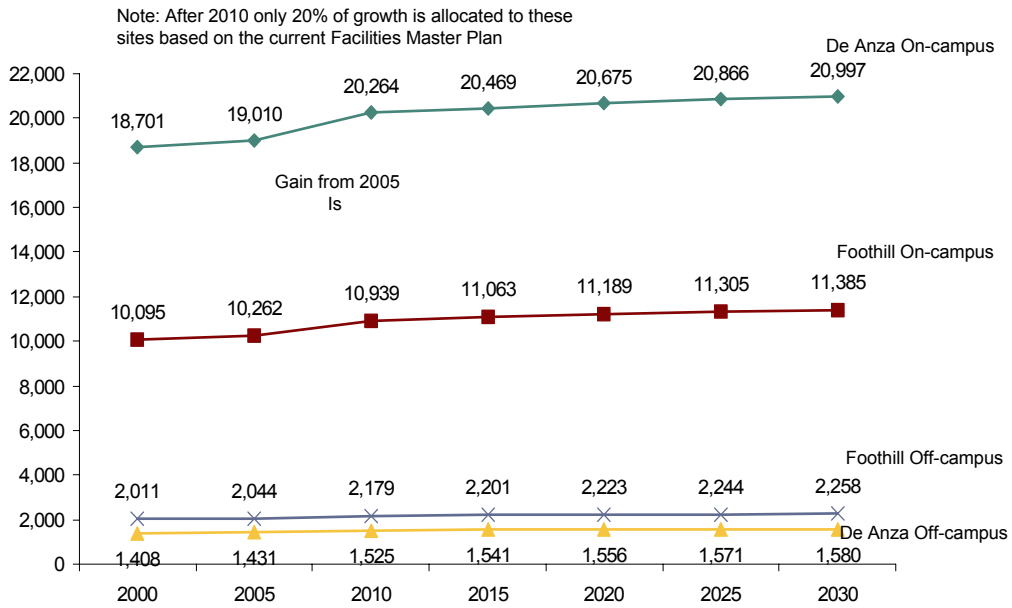
Participation Rates per FTES				
Population Area	Population	FTES	Percent	Per 1000
District	270,426	9,972	3.69	37
City of San Jose	985,000	10,665	1.08	108
Santa Clara County	1,289,882	23,356	1.81	181
San Mateo	547,330	2,601	0.48	48

Figure 5 - Forecast FHDA FTES Enrollment by Population Growth Area
Based on District Adult Population Participation Rates, 2000 to 2030



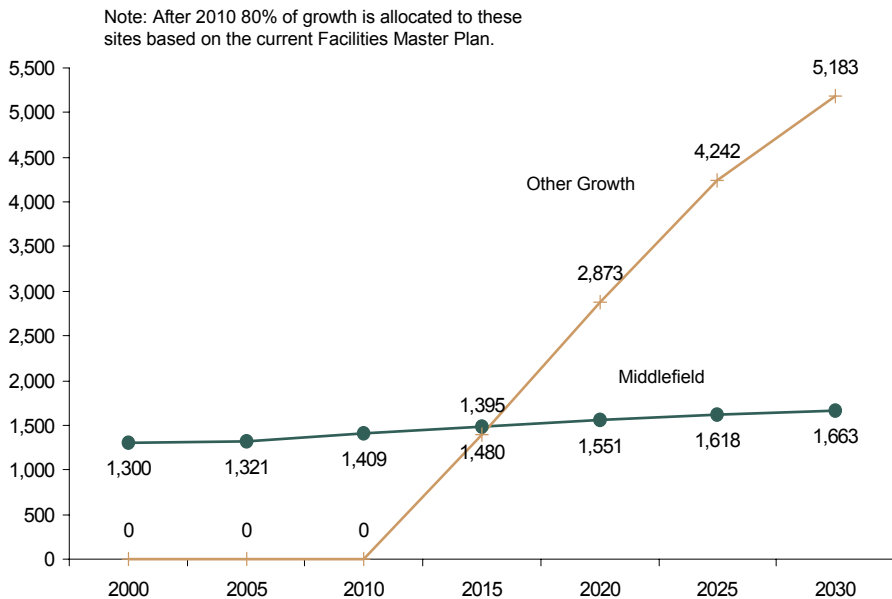
SOURCE: Forecasts by FHDA IR&P based on DOF P3 "Population Projections...", May 2004 and "ABAG Projections 2005," Dec 2004 and estimated future participation rates.

Figure 6 - Forecast FHDA FTES Enrollment by Site, Part 1
Based on District Adult Population Participation Rates, 2000 to 2030



SOURCE: Forecasts by FHDA IR&P based on DOF P3 "Population Projections..." May 2004 and "ABAG Projections 2005," Dec 2004 and estimated future participation rates. Based on proportions indicated in FHDA Facilities Master Plan.

Figure 7 - Forecast FHDA FTES Enrollment by Site, Part 2
Based on District Adult Population Participation Rates, 2000 to 2030



SOURCE: Forecasts by FHDA IR&P based on DOF P3 "Population Projections..." May 2004 and "ABAG Projections 2005," Dec 2004 and estimated future participation rates. Based on proportions indicated in FHDA Facilities Master Plan.



Conclusions

- The district must plan and provide educational programs and facilities for considerable growth in students over the next 10 to 25 years (2005-2030).
- Other factors affecting enrollment growth
 - Closeness of educational site to students
 - Comprehensiveness and/or specialized programs
 - Reputation for excellence
 - Convenience of schedule (e.g., 12-8-6 week, distance)
 - Redirection of UC/CSU students requiring basic skills
 - Tuition and other costs at UC and CSU
 - Traffic congestion between site and student's home
 - State of the economy
 - Specialized Programs for high school students (Middle College)

Adult Population Forecasts

Item	Actual				Projected				Annual Average Growth from 2005
	2000	2005	2010	2015	2020	2025	2030		
North of 101	16,239	16,010	17,010	19,376	21,346	23,907	26,880	2.72%	
% Change from prior		-1.41%	6.25%	13.91%	10.17%	12.00%	12.44%		
% Change from 2005			6.25%	21.0%	33.3%	49.3%	67.9%		
Between El Cameo & 101	116,219	110,948	116,272	121,646	130,576	140,315	146,439	1.28%	
% Change from prior		-4.54%	4.80%	4.62%	7.34%	7.46%	4.36%		
% Change from 2005			4.80%	9.6%	17.7%	26.5%	32.0%		
Remainder of District	144,714	143,465	152,673	159,357	163,009	164,182	164,344	0.58%	
% Change from prior		-0.86%	6.42%	4.38%	2.29%	0.72%	0.10%		
% Change from 2005			6.42%	11.1%	13.6%	14.4%	14.6%		
District Total	277,172	270,423	285,955	300,379	314,931	328,404	337,663	0.99%	
% Change from prior		-2.43%	5.74%	5.04%	4.84%	4.28%	2.82%		
% Change from 2005			5.74%	11.1%	16.5%	21.4%	24.9%		
North of 101 extd west	35,512	35,467	37,410	41,964	45,069	48,545	51,942	1.86%	
% Change from prior		-0.13%	5.48%	12.17%	7.40%	7.71%	7.00%		
% Change from 2005			5.48%	18.3%	27.1%	36.9%	46.5%		
Between EC & 101 extd west	138,391	133,130	139,044	146,096	157,113	168,388	175,277	1.27%	
% Change from prior		-3.80%	4.44%	5.07%	7.54%	7.18%	4.09%		
% Change from 2005			4.44%	9.7%	18.0%	26.5%	31.7%		
East N of 101 Extention	17,606	18,039	24,380	30,376	35,989	42,548	48,621	6.78%	
% Change from prior		2.46%	35.15%	24.59%	18.48%	18.23%	14.27%		
% Change from 2005			35.15%	68.4%	99.5%	135.9%	169.5%		
West N of 101 Extention	19,273	19,457	20,400	22,588	23,723	24,638	25,062	1.15%	
% Change from prior		0.95%	4.85%	10.73%	5.02%	3.86%	1.72%		
% Change from 2005			4.85%	16.1%	21.9%	26.6%	28.8%		
East Btwn EC & 101 Extention	37,463	36,776	38,628	40,334	42,746	45,134	46,495	1.06%	
% Change from prior		-1.83%	5.04%	4.42%	5.98%	5.59%	3.02%		
% Change from 2005			5.04%	9.7%	16.2%	22.7%	26.4%		
West Btwn EC & 101 Extention	22,172	22,182	22,772	24,450	26,537	28,073	28,838	1.20%	
% Change from prior		0.05%	2.66%	7.37%	8.54%	5.79%	2.73%		
% Change from 2005			2.66%	10.2%	19.6%	26.6%	30.0%		
California	23,786,336	26,023,441	28,260,546	30,134,555	32,008,564	33,604,383	35,200,202	1.41%	
% Change from prior		9.41%	8.60%	6.63%	6.22%	4.99%	4.75%		
% Change from 2005			8.60%	15.8%	23.0%	29.1%	35.3%		
San Mateo	532,392	547,330	562,268	584,391	606,514	622,834	639,153	0.67%	
% Change from prior		2.81%	2.73%	3.93%	3.79%	2.69%	2.62%		
% Change from 2005			2.73%	6.8%	10.8%	13.8%	16.8%		
Santa Clara	1,229,420	1,289,882	1,350,343	1,424,533	1,498,722	1,562,508	1,626,294	1.04%	
% Change from prior		4.92%	4.69%	5.49%	5.21%	4.26%	4.08%		
% Change from 2005			4.69%	10.4%	16.2%	21.1%	26.1%		

Source: For State and counties, State of California, DOF, P3 "Population Projections .. 2000-2050", Sacramento, California, May 2004.
 For Shoreline area and district (cities), ABAG "Projections 2005 by Census Tract, Dec 2004."
 FHDA IR&P - RBB - 10/28/05; Reworked 12/4/05

**Adult Population Projections by Census Tract
North of 101 and Between El Camino & 101, Near Moffit Field**

City	Track	2000	2005	2010	2015	2020	2025	2030
North of 101								
Palo Alto	5046.01	971	938	1,019	1,079	1,189	1,291	1,408
Sunnyvale	5046.02	1,428	1,910	2,276	2,675	3,235	3,953	4,874
Mt View	5047	456	457	464	1,772	2,122	2,596	3,284
Sunnyvale	5048.02	3,938	3,746	3,811	3,933	4,251	4,673	5,120
Sunnyvale	5048.03	3,219	2,966	3,313	3,626	3,865	4,231	4,493
Sunnyvale	5048.05	4,084	3,889	3,941	4,021	4,302	4,649	5,070
Sunnyvale	5048.06	2,143	2,104	2,186	2,270	2,382	2,514	2,631
Subtotal within District		16,239	16,010	17,010	19,376	21,346	23,907	26,880
Santa Clara	5049.01	1,349	1,254	2,725	3,110	3,293	3,557	3,711
Santa Clara	5050.01	5,551	5,539	6,249	6,658	7,446	8,384	9,518
Santa Clara	5050.05	4,304	4,464	8,401	12,378	14,359	16,944	19,732
Santa Clara	5050.06	3,365	3,566	3,627	4,805	7,291	9,780	11,455
Santa Clara	5050.07	3,037	3,216	3,378	3,425	3,600	3,883	4,205
Subtotal East Extention		17,606	18,039	24,380	30,376	35,989	42,548	48,621
Menlo Pk	6117	3,037	3,100	3,207	3,365	3,456	3,538	3,592
East PA/Menlo Pk	6118	4,150	4,228	4,307	4,493	4,683	4,798	4,853
East Palo Alto	6119	6,693	6,699	7,069	7,341	8,056	8,611	8,858
East Palo Alto	6120	5,393	5,430	5,817	7,389	7,528	7,691	7,759
Subtotal West Extention		19,273	19,457	20,400	22,588	23,723	24,638	25,062
Subtotal Tracts North of 101		53,118	53,506	61,790	72,340	81,058	91,093	100,563
Between El Cameo & 101								
Sunnyvale	5086.01	2,752	2,620	2,663	2,740	3,296	3,796	4,239
Sunnyvale	5086.02	2,877	2,668	2,656	2,815	3,769	4,681	5,430
Sunnyvale	5087.03	5,373	4,956	5,300	6,462	6,810	7,302	7,586
Sunnyvale	5087.04	3,951	3,619	3,672	3,906	4,272	4,728	5,001
Sunnyvale	5088	3,032	2,848	2,871	2,959	3,186	3,467	3,646
Sunnyvale	5089	3,931	3,760	3,908	4,076	4,253	4,525	4,734
Sunnyvale	5090	5,349	5,071	5,215	5,466	5,858	6,215	6,490
Sunnyvale	5091.02	3,857	3,489	3,442	3,482	3,850	4,353	4,649
Mt. View	5091.05	4,829	4,526	4,532	4,561	4,750	5,115	5,213
Sunnyvale	5091.06	3,172	2,968	2,985	3,126	3,302	3,551	3,687
Sunnyvale	5091.07	3,975	3,600	3,537	3,686	3,977	4,407	4,619
Mt. View	5091.08	3,617	3,461	3,552	3,740	3,918	4,175	4,286
Mt. View	5091.09	2,928	2,712	3,225	3,288	3,552	3,844	3,933
Mt. View	5092.01	3,626	3,426	3,491	3,570	4,176	4,694	4,956
Mt. View	5092.02	3,770	3,624	3,730	3,830	4,033	4,289	4,398
Mt. View	5093.02	2,125	2,057	2,141	2,207	2,367	2,457	2,489
Mt. View	5093.03	2,812	2,625	2,640	2,694	2,807	3,001	3,058
Mt. View	5093.04	2,280	2,143	2,174	2,271	2,345	2,506	2,553
Mt. View	5094.03	3,810	3,541	3,556	3,631	3,875	4,255	4,388
Mt. View	5094.04	4,373	4,174	4,835	5,071	5,377	5,700	5,838

**Adult Population Projections by Census Tract
North of 101 and Between El Camino & 101, Near Moffit Field**

City	Track	2000	2005	2010	2015	2020	2025	2030
Mt. View	5095	4,310	4,058	4,120	4,321	4,637	5,031	5,193
Mt. View	5096	2,022	1,909	2,366	2,499	2,872	3,206	3,371
Mt. View	5097	2,520	2,378	2,428	2,540	2,821	3,056	3,159
Palo Alto	5107	3,323	3,248	3,611	3,838	4,177	4,536	4,880
Palo Alto	5108.01	3,339	3,409	3,673	3,818	3,836	3,827	3,889
Palo Alto	5108.02	1,614	1,646	1,761	1,798	1,838	1,877	1,962
Palo Alto	5108.03	1,862	1,860	2,030	2,110	2,296	2,447	2,638
Palo Alto	5109	3,716	3,702	3,982	4,158	4,365	4,531	4,730
Palo Alto	5110	4,568	4,564	4,906	5,088	5,215	5,312	5,398
Palo Alto	5111	3,791	3,870	4,153	4,365	4,420	4,388	4,437
Palo Alto	5112	3,488	3,478	3,731	3,940	4,015	4,043	4,082
Palo Alto	5113	6,542	6,255	6,503	6,577	7,082	7,629	7,928
Palo Alto	5114	2,685	2,683	2,883	3,013	3,229	3,371	3,579
Subtotal within District		116,219	110,948	116,272	121,646	130,576	140,315	146,439
Santa Clara	5052.02	4,526	4,556	4,757	4,947	5,600	6,164	6,649
Santa Clara	5053.01	3,189	3,289	3,763	3,882	4,043	4,265	4,440
Santa Clara	5053.02	3,163	3,275	3,556	3,681	3,803	3,957	4,102
Santa Clara	5053.03	4,548	4,558	4,849	5,084	5,458	5,822	6,082
Santa Clara	5053.04	2,486	2,575	2,946	2,966	3,031	3,114	3,195
Santa Clara	5053.05	4,111	4,193	4,484	5,031	5,316	5,560	5,749
Mt. View	5085.04	5,578	5,073	4,967	5,299	5,530	5,827	5,821
Mt. View	5085.05	3,575	3,323	3,320	3,363	3,460	3,559	3,521
Mt. View	5085.06	6,287	5,934	5,986	6,081	6,505	6,866	6,936
Subtotal East Extention		37,463	36,776	38,628	40,334	42,746	45,134	46,495
Atherton	6115	1,972	2,043	2,144	2,241	2,298	2,307	2,322
Menlo Pk	6116	1,546	1,535	1,587	1,678	1,758	1,785	1,790
East Palo Alto	6121.98	5,750	6,318	6,713	7,322	8,028	8,533	8,994
East Palo Alto	6122	3,032	2,903	2,910	3,014	3,191	3,329	3,348
East Palo Alto	6124	1,354	1,357	1,406	1,467	1,566	1,548	1,528
East Palo Alto	6125.98	3,490	3,272	3,261	3,763	4,279	4,739	4,892
East Palo Alto	6126	3,476	3,192	3,109	3,221	3,604	4,032	4,165
East Palo Alto	6127.98	1,552	1,562	1,642	1,744	1,813	1,800	1,799
Subtotal West Extention		22,172	22,182	22,772	24,450	26,537	28,073	28,838
Subtotal Tracks Bwtn EC & 101		175,854	169,906	177,672	186,430	199,859	213,522	221,772
Grand Total		228,972	223,412	239,462	258,770	280,917	304,615	322,335

FHDA - IR&P - RBB - 12/4/05
Source: ABAG Projections 2005 by Census Tract
[Selected Census Tract Projections 2005.xls]

Note: Adult is 20 and older.

**Annual FTES Projections based on Adult Population Forecasts
by Site and Growth Areas**

Item	Actural		Projected					Annual Average Growth from 2005
	2000	2005	2010	2015	2020	2025	2030	
Enrollment Projections by Site								
Based on District Population Participation								
De Anza On-Campus FTES	18,701	19,010	20,264	20,469	20,675	20,866	20,997	0.42%
Change item above		309	1,255	204	206	191	131	
De Anza Off-Campus FTES	1,408	1,431	1,525	1,541	1,556	1,571	1,580	0.42%
Change item above		23	94	15	16	14	10	
Foothill On-Campus FTES	10,095	10,262	10,939	11,063	11,189	11,305	11,385	0.44%
Change item above		167	677	124	126	116	80	
Foothill Off-Campus FTES	2,011	2,044	2,179	2,201	2,223	2,244	2,258	0.42%
Change item above		33	135	22	22	21	14	
Middlefield FTES	1,300	1,321	1,409	1,480	1,551	1,618	1,663	
Change item above		21	87	71	72	66	46	
Other Growth (80%) FTES	0	0	0	1,395	2,873	4,242	5,183	
Change item above		0	0	1,395	1,478	1,369	941	
Total District FTES	33,515	34,068	36,316	38,148	39,996	41,707	42,883	1.04%
Total District Change		553	2,248	1,832	1,848	1,711	1,176	
Enrollment Projections by Area of Population Within the District								
FHDA Total FTES	33,515	34,068	36,316	38,148	39,996	41,707	42,883	1.04%
District Participation Rate	12.1%	12.6%	12.7%	12.7%	12.7%	12.7%	12.7%	
% Change from prior		1.65%	6.60%	5.04%	4.84%	4.28%	2.82%	
% Change from 2005			6.60%	11.98%	17.4%	22.4%	25.9%	
FHDA FTES N of 101	2,011	2,044	2,160	2,461	2,711	3,036	3,414	2.68%
District Participation Rate	12.4%	12.8%	12.7%	12.7%	12.7%	12.7%	12.7%	
% Change from prior		1.65%	5.68%	13.91%	10.17%	12.00%	12.44%	
% Change from 2005			5.68%	20.38%	32.6%	48.5%	67.0%	
FHDA FTES Bwtn EI C & 101	14,076	14,309	14,767	15,449	16,583	17,820	18,598	1.20%
District Participation Rate	12.1%	12.9%	12.7%	12.7%	12.7%	12.7%	12.7%	
% Change from prior		1.65%	3.20%	4.62%	7.34%	7.46%	4.36%	
% Change from 2005			3.20%	7.97%	15.9%	24.5%	30.0%	
FHDA FTES Remainder	17,428	17,715	19,389	20,238	20,702	20,851	20,872	0.71%
District Participation Rate	12.0%	12.3%	12.7%	12.7%	12.7%	12.7%	12.7%	
% Change from prior		1.65%	9.45%	4.38%	2.29%	0.72%	0.10%	
% Change from 2005			9.45%	14.24%	16.9%	17.7%	17.8%	