

Orange County PROFILES



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CENTER FOR DEMOGRAPHIC RESEARCH

Race and Ethnicity In Orange County School Enrollment Data: 1999

INTRODUCTION

The most recent estimate of the racial/ethnic composition of Orange County's population is from the California State Department of Finance (DOF) as of July 1998. [See Table 1 below.] The current distribution includes 57.4% white as compared to 64.6% found in the 1990 census; 28.3% Hispanic as compared to 23.4% found in the 1990 census and 12.4% Asian/Pacific Islanders as compared to the 10.0% found in the 1990 census. The other two categories, black and Native Americans have remained essentially unchanged at 1.6% for blacks and about .35% for Native Americans. These July 1998 population estimates by race/ethnicity capture some of the dramatic demographic shifts that are taking place in Orange County.

A popular indicator of the demographic changes that are likely to occur in the near future

can be found in the school enrollment data. This *Profiles* highlights the racial/ethnic distribution of the student body in Orange County's K through 12 school systems based on data reported June 1999 and October 1999. Table 2 covers countywide totals for each of the categories for all K – 12 schools; this includes elementary, middle and high schools, alternate and continuation facilities, special schools and those located in juvenile residential facilities.

As can be seen in Table 2, the 1999 enrollment figures indicate that white students continue to be the modal category of ethnicity among this population of the County's citizens. Currently, there are 203,221 students or 43.1% of all of the K – 12 students enrolled in Orange County that are identified as "white." The data also indicate that there are currently 189,982 students (or about 40.3% of

Table 1
Orange County Population by Race and Ethnic Category
1990 Census and July 1998 Estimates

Racial/Ethnic Category	1990 Census		July 1998 Estimates	
	Number	Percent	Number	Percent
White	1,557,301	64.6	1,585,710	57.4
Hispanic	564,854	23.4	781,758	28.3
Asian/Pacific Islander	240,767	10.0	342,799	12.4
Black	39,161	1.6	45,418	1.6
Native American	8,584	0.4	8,183	0.3
Total	2,410,667	100.0	2,763,868	100.0

SOURCE: California State, Department of Finance, July 1998

Table 2
Race/Ethnicity - K-12 Enrollment Data
Orange County: 1999 - 2000

Race/Ethnicity	Number	Percent
American Indian	2,341	0.50
Asian	56,555	12.00
Pacific Islander	2,593	0.55
Filipino	6,107	1.30
Hispanic	189,982	40.30
Black	9,956	2.11
White	203,221	43.11
Multi-National	649	0.14
Total	471,404	100.00

SOURCE: California State, Department of Finance, July 1998

students. The third largest population of K – 12 students is about half the size of the two leading cities and exists in Garden Grove.

Cities with small populations of K – 12 students include the Community of Silverado Canyon with only 98 students, Capistrano Beach (Note: not the City of San Juan Capistrano) with 839 students and the City of Seal Beach with 846 students.

The concentrations of students by ethnicity are fairly clear in Table 3. Large numbers of white students can be found in Anaheim (17,892), Huntington Beach (17,494), Mission Viejo (16,692) and Irvine (13,931). These four cities enroll 32.5% of all white students in the county.

Large concentrations of Hispanic students are found in Santa Ana (56,261), Anaheim (35,545), and Garden Grove (16,053). Costa Mesa (9,649) and Orange (8,684) also have a substantial number of Hispanic students. Taken together, these five cities account for two thirds (66.4%) of all Hispanic student enrollments in the county. As a matter of fact, Santa Ana alone accounts for almost 30% of the County's Hispanic enrollment.

Asian students are found in large numbers in Garden Grove (9,762), Irvine (6,107), Anaheim (5,185) and Westminster (4,906). These four cities account for about 46% of all Asian enrollment in Orange County. The largest groups of black students are found in Anaheim (1,814), Santa Ana (792) and Buena Park (694). Filipino students are largely found in Anaheim (1,189) and Garden Grove (498) while Pacific Islanders are found in Anaheim (495) and Garden Grove (438). It is interesting to note that 622 of the American Indian students (over one quarter) live in the City of Huntington Beach.

Table 4 indicates the extent to which the enrollment of students of one ethnic category dominates the enrollments of students in any of the other ethnic categories. The data is presented by city of enrollment. This table is not interpreted based on the size of the enrollment as was true in Table 3 but rather on the overall size of the enrollments.

In an effort to capture the extent to which enrollments are concentrated into one or two categories of ethnicity as compared to being evenly

all as K – 12 students) enrolled who are identified as "Hispanic." The difference between these two groups is less than 3%. The continued reduction in the difference in the representation of these two groups among students enrolled in Orange County continues a trend that has been evident in the data for a number of years.

The third major ethnic group enrolled in Orange County's K – 12 schools is "Asian." During this time period, 56,555 of the students were identified as Asian. This represents 12% of all students enrolled. The other racial categories constitute relatively small proportions of the student body as compared to the three dominant groups. Among all students "black" students constituted 2.11% of all enrollments, Filipino students constituted 1.3% of all enrollments, "pacific islanders" constituted 0.55%, and American Indian 0.5% of all enrollments. A total of 649 (or 0.14%) of the county's K – 12 student body claimed multi-national designation.

Tables 3 and 4 provide an indication of the geographic distribution of the various ethnic groups as well as some indication of the size of this population residing in each city. Referring to Table 3, the city with the largest K – 12 population is Santa Ana with 67,100 such students. Santa Ana is followed closely by Anaheim with 62,457 K – 12

Table 3
Enrollment by Ethnicity by City and Community
K - 12 for 1999 - 2000 (Number Enrolled)

City	White	Hispanic	Asian	Black	Filipino	Pacific Islanders	American Indian	Multi-National	Total
Aliso Viejo	4965	666	640	196	133	17	15	0	6632
Anaheim	17892	35545	5185	1814	1189	495	219	118	62457
Brea	3987	1336	552	121	78	19	28	0	6121
Buena Park	3985	4966	1129	694	402	90	32	20	11318
Capistrano Beach	593	207	9	11	7	4	8	0	839
Corona Del Mar	1266	46	69	13	3	2	6	0	1405
Costa Mesa	7501	9649	1026	360	139	196	80	46	18997
Coto De Caza	896	64	35	9	8	3	3	0	1018
Cypress	4098	1271	1191	313	283	34	58	14	7262
Dana Point	2556	845	120	48	11	6	5	0	3591
Fountain Valley	5620	2427	3336	170	134	163	160	34	12044
Fullerton	7851	9433	4147	488	236	66	82	0	22303
Garden Grove	8928	16053	9762	532	498	438	128	5	36344
Huntington Beach	17494	4806	2918	342	255	161	622	4	26602
Irvine	13931	1645	6107	635	323	80	107	295	23123
La Habra	3410	5756	240	156	61	9	19	0	9651
La Palma	1779	806	1428	241	305	57	19	34	4669
Laguna Beach	2213	241	48	23	19	12	14	1	2571
Laguna Hills	2792	716	469	97	96	3	10	0	4183
Laguna Niguel	5602	600	361	112	68	15	13	0	6771
Lake Forest	6385	1524	751	172	129	21	19	0	9001
Los Alamitos	5813	913	735	249	118	45	29	0	7902
Midway City	501	518	635	24	13	28	15	0	1734
Mission Viejo	16692	3368	1782	439	399	55	82	0	22817
Newport Beach	6039	906	234	58	17	13	17	0	7284
Orange	6773	8684	1184	357	209	50	71	0	17328
Placentia	6126	3930	868	240	65	16	19	0	11264
Rancho Santa Margarita	5414	721	383	138	195	13	29	0	6893
San Clemente	5817	1501	132	107	35	10	34	0	7636
San Juan Capistrano	2360	2066	47	28	12	7	23	0	4543
Santa Ana	5862	56261	3670	792	172	198	67	78	67100
Seal Beach	584	111	72	51	12	8	8	0	846
Silverado Canyon	91	4	1	2	0	0	0	0	98
Stanton	115	1038	101	49	14	23	6	0	1346
Trabuco Canyon	1950	144	118	33	19	1	16	0	2281
Tustin	3054	5404	943	527	257	43	56	0	10284
Villa Park	2982	592	511	56	43	14	15	0	4213
Westminster	2875	4648	4906	154	101	163	171	0	13018
Yorba Linda	6429	571	710	105	49	15	36	0	7915
Total	203,221	189,982	56,555	9,956	6,107	2,593	2,341	649	471,404

SOURCE: California State, Department of Finance, July 1998

Table 4
Enrollment by Ethnicity by City and Community
K - 12 for 1999 - 2000 (Percent Distribution)

City	White	Hispanic	Asian	Black	Filipino	Pacific Islanders	American Indian	Multi- National	Total
Aliso Viejo	74.9	10.0	9.7	3.0	2.0	0.3	0.2	0.0	100.0
Anaheim	28.6	56.9	8.3	2.9	1.9	0.8	0.4	0.2	100.0
Brea	65.1	21.8	9.0	2.0	1.3	0.3	0.5	0.0	100.0
Buena Park	35.2	43.9	10.0	6.1	3.6	0.8	0.3	0.2	100.0
Capistrano Beach	70.7	24.7	1.1	1.3	0.8	0.5	1.0	0.0	100.0
Corona Del Mar	90.1	3.3	4.9	0.9	0.2	0.1	0.4	0.0	100.0
Costa Mesa	39.5	50.8	5.4	1.9	0.7	1.0	0.4	0.2	100.0
Coto De Caza	88.0	6.3	3.4	0.9	0.8	0.3	0.3	0.0	100.0
Cypress	56.4	17.5	16.4	4.3	3.9	0.5	0.8	0.2	100.0
Dana Point	71.2	23.5	3.3	1.3	0.3	0.2	0.1	0.0	100.0
Fountain Valley	46.7	20.2	27.7	1.4	1.1	1.4	1.3	0.3	100.0
Fullerton	35.2	42.3	18.6	2.2	1.1	0.3	0.4	0.0	100.0
Garden Grove	24.6	44.2	26.9	1.5	1.4	1.2	0.4	0.0	100.0
Huntington Beach	65.8	18.1	11.0	1.3	1.0	0.6	2.3	0.0	100.0
Irvine	60.2	7.1	26.4	2.7	1.4	0.3	0.5	1.3	100.0
La Habra	35.3	59.6	2.5	1.6	0.6	0.1	0.2	0.0	100.0
La Palma	38.1	17.3	30.6	5.2	6.5	1.2	0.4	0.7	100.0
Laguna Beach	86.1	9.4	1.9	0.9	0.7	0.5	0.5	0.0	100.0
Laguna Hills	66.7	17.1	11.2	2.3	2.3	0.1	0.2	0.0	100.0
Laguna Niguel	82.7	8.9	5.3	1.7	1.0	0.2	0.2	0.0	100.0
Lake Forest	70.9	16.9	8.3	1.9	1.4	0.2	0.2	0.0	100.0
Los Alamitos	73.6	11.6	9.3	3.2	1.5	0.6	0.4	0.0	100.0
Midway City	28.9	29.9	36.6	1.4	0.7	1.6	0.9	0.0	100.0
Mission Viejo	73.2	14.8	7.8	1.9	1.7	0.2	0.4	0.0	100.0
Newport Beach	82.9	12.4	3.2	0.8	0.2	0.2	0.2	0.0	100.0
Orange	39.1	50.1	6.8	2.1	1.2	0.3	0.4	0.0	100.0
Placentia	54.4	34.9	7.7	2.1	0.6	0.1	0.2	0.0	100.0
Rancho Santa Margarita	78.5	10.5	5.6	2.0	2.8	0.2	0.4	0.0	100.0
San Clemente	76.2	19.7	1.7	1.4	0.5	0.1	0.4	0.0	100.0
San Juan Capistrano	51.9	45.5	1.0	0.6	0.3	0.2	0.5	0.0	100.0
Santa Ana	8.7	83.8	5.5	1.2	0.3	0.3	0.1	0.1	100.0
Seal Beach	69.0	13.1	8.5	6.0	1.4	0.9	0.9	0.0	100.0
Silverado Canyon	92.9	4.1	1.0	2.0	0.0	0.0	0.0	0.0	100.0
Stanton	8.5	77.1	7.5	3.6	1.0	1.7	0.4	0.0	100.0
Trabuco Canyon	85.5	6.3	5.2	1.4	0.8	0.0	0.7	0.0	100.0
Tustin	29.7	52.5	9.2	5.1	2.5	0.4	0.5	0.0	100.0
Villa Park	70.8	14.1	12.1	1.3	1.0	0.3	0.4	0.0	100.0
Westminster	22.1	35.7	37.7	1.2	0.8	1.3	1.3	0.0	100.0
Yorba Linda	81.2	7.2	9.0	1.3	0.6	0.2	0.5	0.0	100.0
Total	43.1	40.3	12.0	2.1	1.3	0.6	0.5	0.1	100.0

SOURCE: California State, Department of Finance, July 1998

distributed across the various ethnic categories, the Index of Qualitative Variation was computed for the enrollment pattern found in each city and community. Low numbers on this index indicate that the K – 12 enrollments are rather concentrated into one or two categories of ethnicity. High values of the IQV indicate that the K-12 enrollments are spread across all categories. In computing this index, the Pacific Islanders were collapsed into a single category with the Asians and the Filipino; American Indian and multi-national were collapsed into a single category of Other. Large numbers of small categories distort the IQV's interpretation.

The values contained in Table 5 simply summarize the characteristics of the enrollment distributions discussed in Table 4. Those cities and communities where the vast majority of enrollment in the K – 12 system is among students of a single ethnicity have small values on the IQV. Those cities and communities where the enrollment is spread

over the various categories of ethnicity have high IQV values. Silverado Canyon for example has an IQV of only .17, followed by Corona Del Mar (.23) and Coto De Caza (.27). These communities are those that are overwhelmingly white in their enrollments. On the other hand, cities and communities like La Palma (.89), Midway City (.85), Westminster (.84), Buena Park (.83), Fullerton (.83), Garden Grove (.83) and Fountain Valley (.82) all have IQV's above .8. In these areas the enrollments in K – 12 are distributed over all of the ethnic categories used. An equal proportion of students in each of the five categories would produce an IQV of 1.0.

These data, while referring to children between the ages of five and eighteen, provide the basis for understanding the ethnic distribution of the population in general. By tracking changes in the ethnic distribution evident in the enrollment in K – 12 schools the demographer is able to understand the changes taking place in the populations living in those communities.

Presented above is a glimpse of the most recent enrollment data as it relates to the cities and communities within which the schools are located. A more detailed analysis of the data can be accomplished by evaluating the enrollment patterns by level and smaller geographic areas. Such analysis is far too large and complex for this small bulletin. The data, however, have been made available on the CDR web page. The reader will find links to the California Department of Education web page, the original source of the data from which the above information was abstracted. Also available on CDR's web page is a presentation of the Orange County Data by Census Tract and by Level of Enrollment.

The address for the CDR web page is: www.fullerton.edu/cdr.

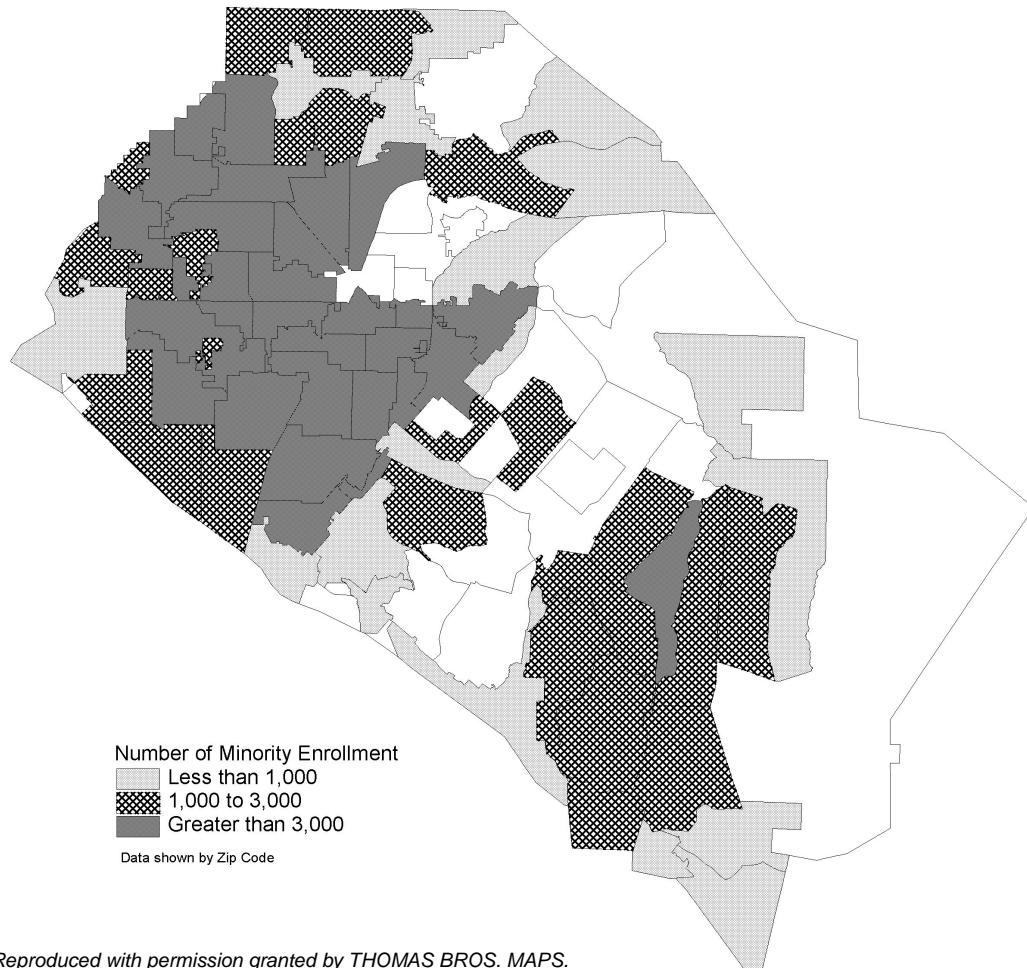


Table 5
Index of Qualitative Variation
Ethnic Distributions by City

City	IQV	City	IQV
Aliso Viejo	0.52	Lake Forest	0.58
Anaheim	0.73	Los Alamitos	0.54
Brea	0.65	Midway City	0.85
Buena Park	0.83	Mission Viejo	0.54
Capistrano Beach	0.55	Newport Beach	0.37
Corona Del Mar	0.23	Orange	0.74
Costa Mesa	0.73	Placentia	0.72
Coto De Caza	0.27	Rancho Santa Margarita	0.46
Cypress	0.77	San Clemente	0.48
Dana Point	0.55	San Juan Capistrano	0.65
Fountain Valley	0.82	Santa Ana	0.36
Fullerton	0.83	Seal Beach	0.62
Garden Grove	0.83	Silverado Canyon	0.17
Huntington Beach	0.65	Stanton	0.48
Irvine	0.70	Trabuco Canyon	0.33
La Habra	0.65	Tustin	0.78
La Palma	0.89	Villa Park	0.58
Laguna Beach	0.31	Westminster	0.84
Laguna Hills	0.64	Yorba Linda	0.41
Laguna Niguel	0.38	Total	0.79

SOURCE: California State, Department of Finance, July 1998

Orange County Minority Enrollment K-12 for 1999-2000



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