

**COMPLETE COUNT COMMITTEE  
HANDBOOK FOR CENSUS 2000**

**SAN FRANCISCO COUNTY**

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**HOW TO USE THE COMPLETE COUNT HANDBOOK  
STRATEGIES FOR REDUCING THE CALIFORNIA UNDERCOUNT**

## DEFINITION

### *Undercount, Undercount Rate, City Undercount Share*

The decennial census attempts to count all persons, but always misses some people.

The 1990 undercount is the number of persons estimated by the Census Bureau to have been missed (not counted) in the 1990 census enumeration. These figures were estimated using a sample survey several months after the census enumeration on April 1. The sum of the undercount and the official census population count is the statistically adjusted population estimate.

Note that an undercount with a minus sign denotes an overcount. The term "undercount" in this report refers to the net undercount.

The undercount rate is the undercount as a percent of the adjusted population. It represents the percent of the population that was missed in the census enumeration.

The differential undercount refers to the difference between the undercount rate of minority groups and the rate of non-Hispanic Whites. The overall or total undercount refers to the undercount of all groups.

An undercount share is the undercount in a local area as a percent of the total undercount in a larger region. For example, city undercounts can be calculated as a share of the total county undercount.

### *Undercount + Official Census Population = Adjusted Population*

Example: California, 1990

1990 Official Census Population	29,760,021 persons counted on April 1
1990 Undercount	+ 837,557 persons undercounted
1990 Adjusted Population	30,597,578 persons

### *Undercount Rate = (Undercount / Adjusted Population) X 100*

$$\frac{1990 \text{ Undercount}}{1990 \text{ Adjusted Population}} \times 100 = \frac{1990 \text{ Undercount}}{1990 \text{ Undercount} + 1990 \text{ Official Census Population}} \times 100$$

Example: California, 1990

$$= \frac{837,557}{30,597,578} \times 100 = 2.74\%$$

### *City Undercount Share = The city undercount as a percentage of the total county undercount*

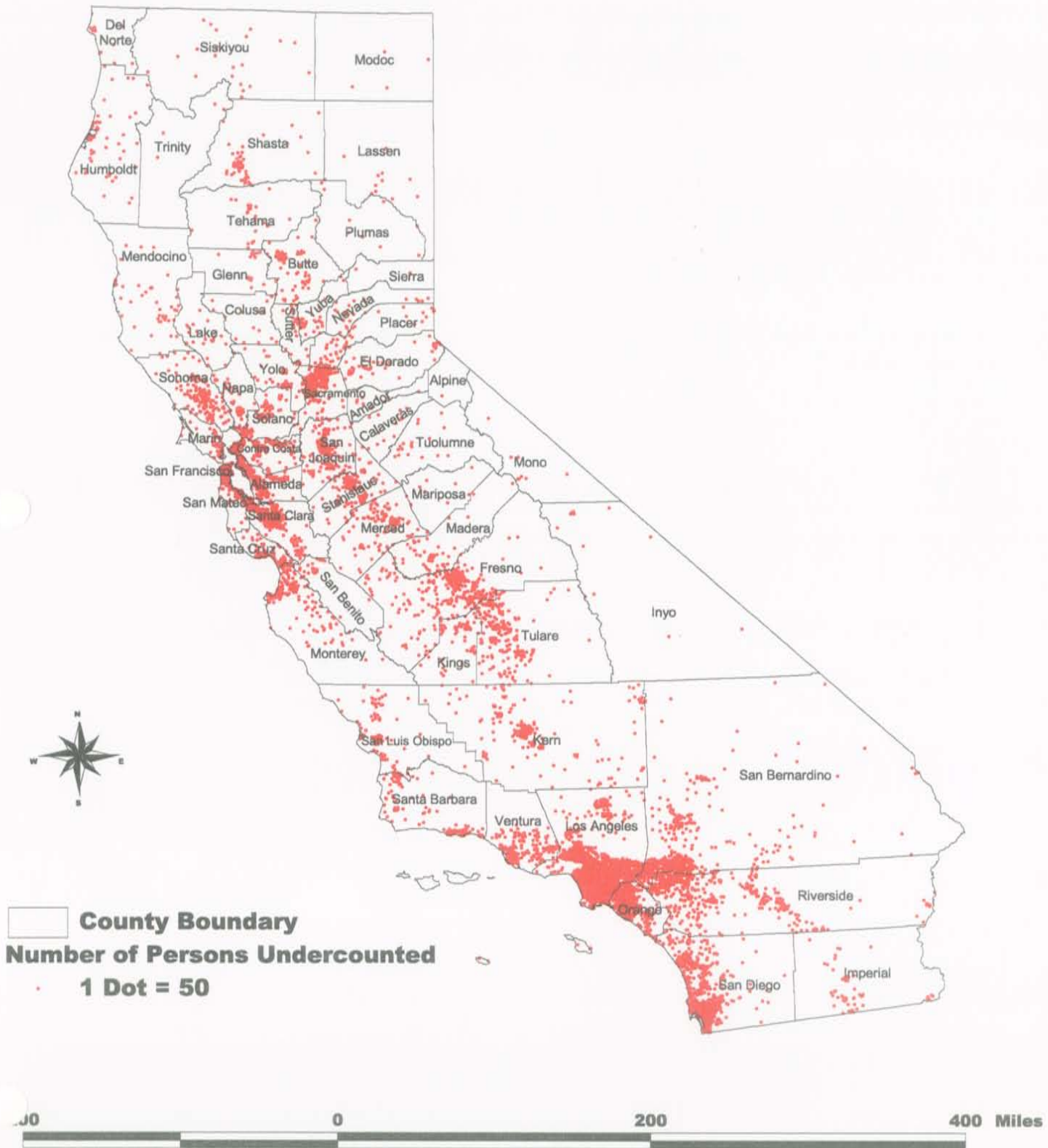
Example: Oakland City, Alameda County, 1990

$$\frac{1990 \text{ Undercount}_{\text{Oakland City}}}{1990 \text{ Undercount}_{\text{Alameda County}}} \times 100 = \frac{19,316}{38,080} \times 100 = 50.7\%$$

Table 1a: 1990 Undercount Rate and the Numerical Undercount by County

<i>1990 Undercount Rates</i>		<i>1990 Numerical Undercount</i>	
County	Rate	County	Total Number of Persons Undercounted in 1990
Colusa	4.22%	Los Angeles	305,772
San Benito	3.91%	San Diego	62,536
Merced	3.81%	Orange	50,841
Tulare	3.66%	Alameda	38,080
Mono	3.60%	San Bernardino	37,270
Fresno	3.57%	Santa Clara	33,824
Kings	3.54%	Riverside	28,763
Imperial	3.50%	Fresno	24,692
Madera	3.48%	Sacramento	24,027
Glenn	3.46%	<b>San Francisco</b>	<b>21,621</b>
Yolo	3.34%	Kern	15,447
Los Angeles	3.33%	Ventura	14,727
Monterey	3.31%	San Joaquin	14,649
Inyo	3.15%	Contra Costa	14,254
Yuba	3.12%	Monterey	12,160
Alpine	3.05%	San Mateo	12,094
Santa Barbara	3.02%	Tulare	11,851
San Joaquin	2.96%	Santa Barbara	11,491
Mendocino	2.95%	Stanislaus	10,297
<b>San Francisco</b>	<b>2.90%</b>	Sonoma	9,286
Alameda	2.89%	Solano	8,127
Kern	2.76%	Merced	7,066
Humboldt	2.71%	Santa Cruz	6,281
Stanislaus	2.70%	San Luis Obispo	5,708
Santa Cruz	2.66%	Yolo	4,882
Sutter	2.64%	Butte	4,723
San Luis Obispo	2.56%	Imperial	3,968
San Bernardino	2.56%	Kings	3,726
Mariposa	2.53%	Humboldt	3,323
Butte	2.53%	Madera	3,177
Modoc	2.45%	Shasta	3,110
San Diego	2.44%	Marin	2,873
Sierra	2.44%	Napa	2,556
Riverside	2.40%	Placer	2,494
Del Norte	2.39%	El Dorado	2,459
Tehama	2.36%	Mendocino	2,443
Siskiyou	2.35%	Yuba	1,874
Sonoma	2.34%	Sutter	1,748
Solano	2.33%	San Benito	1,495
Plumas	2.26%	Nevada	1,316
Napa	2.26%	Tehama	1,198
Sacramento	2.26%	Lake	1,143
Santa Clara	2.21%	Siskiyou	1,047
Lake	2.21%	Tuolumne	934
Ventura	2.15%	Glenn	888
Shasta	2.07%	Colusa	717
Orange	2.07%	Calaveras	608
Lassen	2.00%	Inyo	595
El Dorado	1.91%	Del Norte	575
Trinity	1.91%	Lassen	564
Tuolumne	1.89%	Plumas	456
Calaveras	1.86%	Amador	443
San Mateo	1.83%	Mono	372
Contra Costa	1.74%	Mariposa	371
Nevada	1.65%	Trinity	254
Amador	1.45%	Modoc	243
Placer	1.42%	Sierra	83
Marin	1.23%	Alpine	35
State	2.74%	State	837,557

# 1990 Census Undercount California Counties





# 1990 Undercount Rate California by County

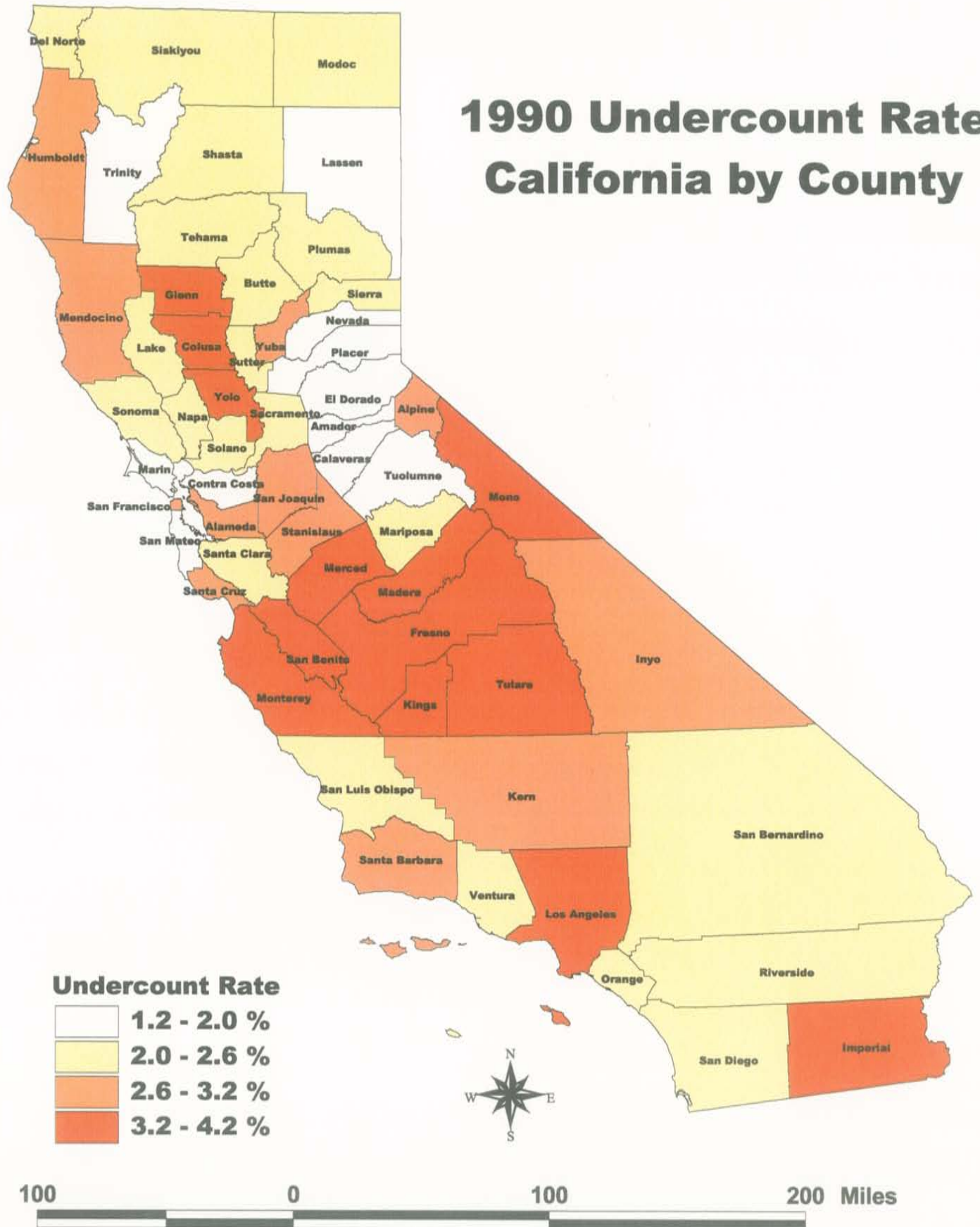


Table 1b: 1990 Census Undercount Data for California Cities:  
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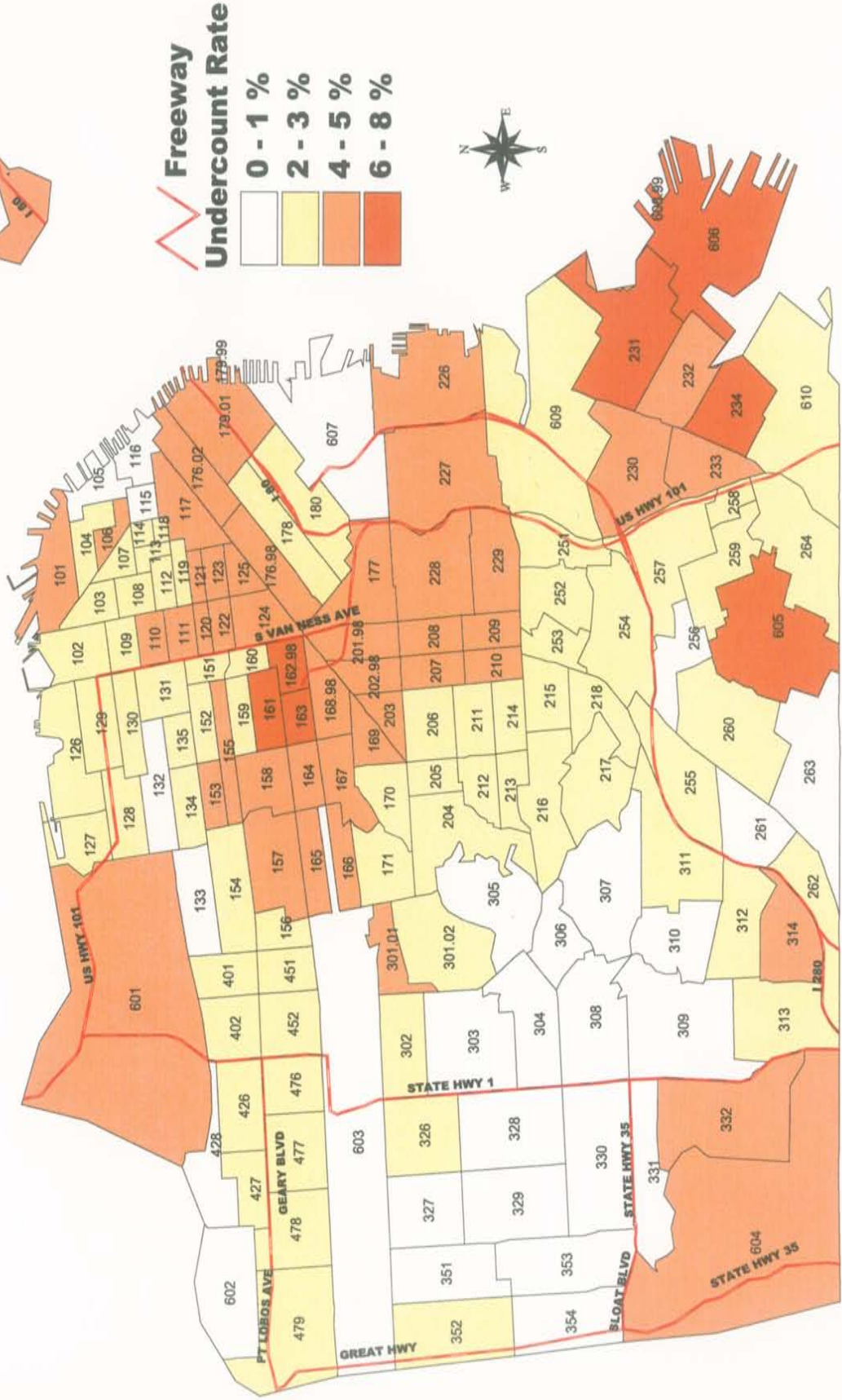
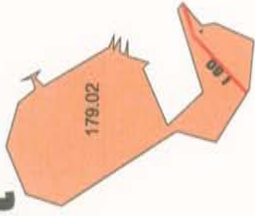
California Cities with an Undercount in 1990 of more than  
3,000 People

	1990 Undercount Rate	1990 Numerical Net Undercount
Los Angeles city	3.83%	138,821
San Diego city	2.84%	32,513
San Francisco city	2.90%	21,621
Oakland city	4.93%	19,316
San Jose city	2.38%	19,077
Long Beach city	3.70%	16,510
Fresno city	3.36%	12,317
Santa Ana city	3.95%	12,076
Sacramento city	2.99%	11,393
Stockton city	3.40%	7,428
Inglewood city	6.31%	7,386
Anaheim city	2.68%	7,323
Riverside city	2.63%	6,121
San Bernardino city	3.58%	6,088
Compton city	6.24%	6,023
Pomona city	3.94%	5,396
Oxnard city	3.37%	4,956
Pasadena city	3.54%	4,831
Bakersfield city	2.55%	4,582
El Monte city	4.13%	4,581
Glendale city	2.42%	4,472
Ontario city	3.12%	4,290
Modesto city	2.44%	4,122
Richmond city	4.48%	4,104
Salinas city	3.50%	3,946
Berkeley city	3.67%	3,912
Hawthorne city	5.18%	3,901
South Gate city	4.08%	3,671
Unincorporated	2.84%	3,651
Chula Vista city	2.56%	3,554
Lynwood city	5.30%	3,469
Garden Grove city	2.30%	3,363
Oceanside city	2.52%	3,313
Hayward city	2.81%	3,221
Moreno Valley city	2.58%	3,143
Huntington Beach city	1.69%	3,119
California	2.74%	837,557

Cities and Unincorporated Areas in San Francisco County

	1990 Undercount Rate	1990 Numerical Net Undercount	City Undercount Share
<b>San Francisco County</b>	<b>2.90%</b>	<b>21,621</b>	
San Francisco city	2.90%	21,621	100.0%
Unincorporated	0.00%	0	0.0%

# 1990 Undercount Rate San Francisco County by Census Tract

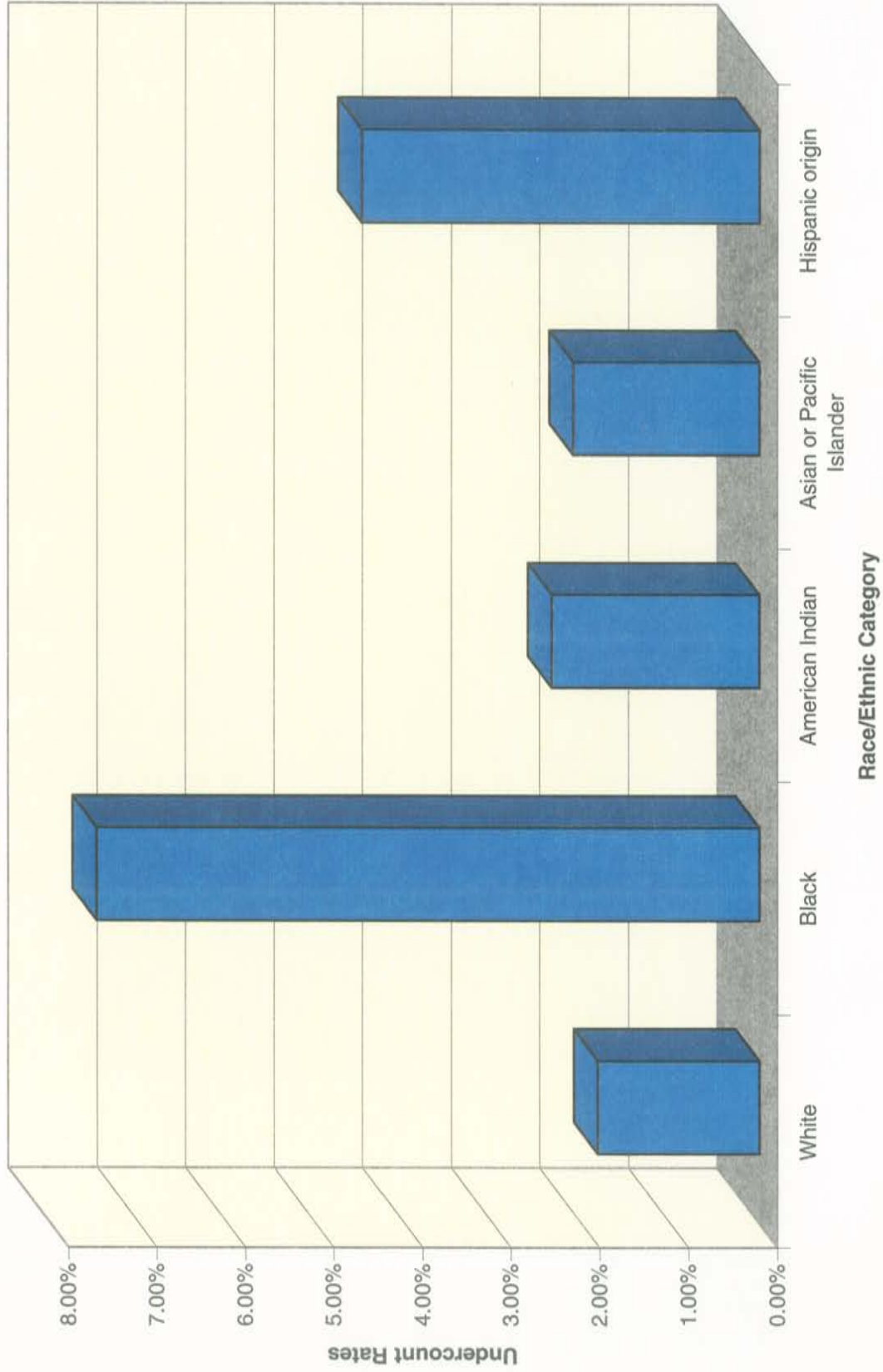


# Number of People Not Counted in the 1990 Census

## San Francisco County

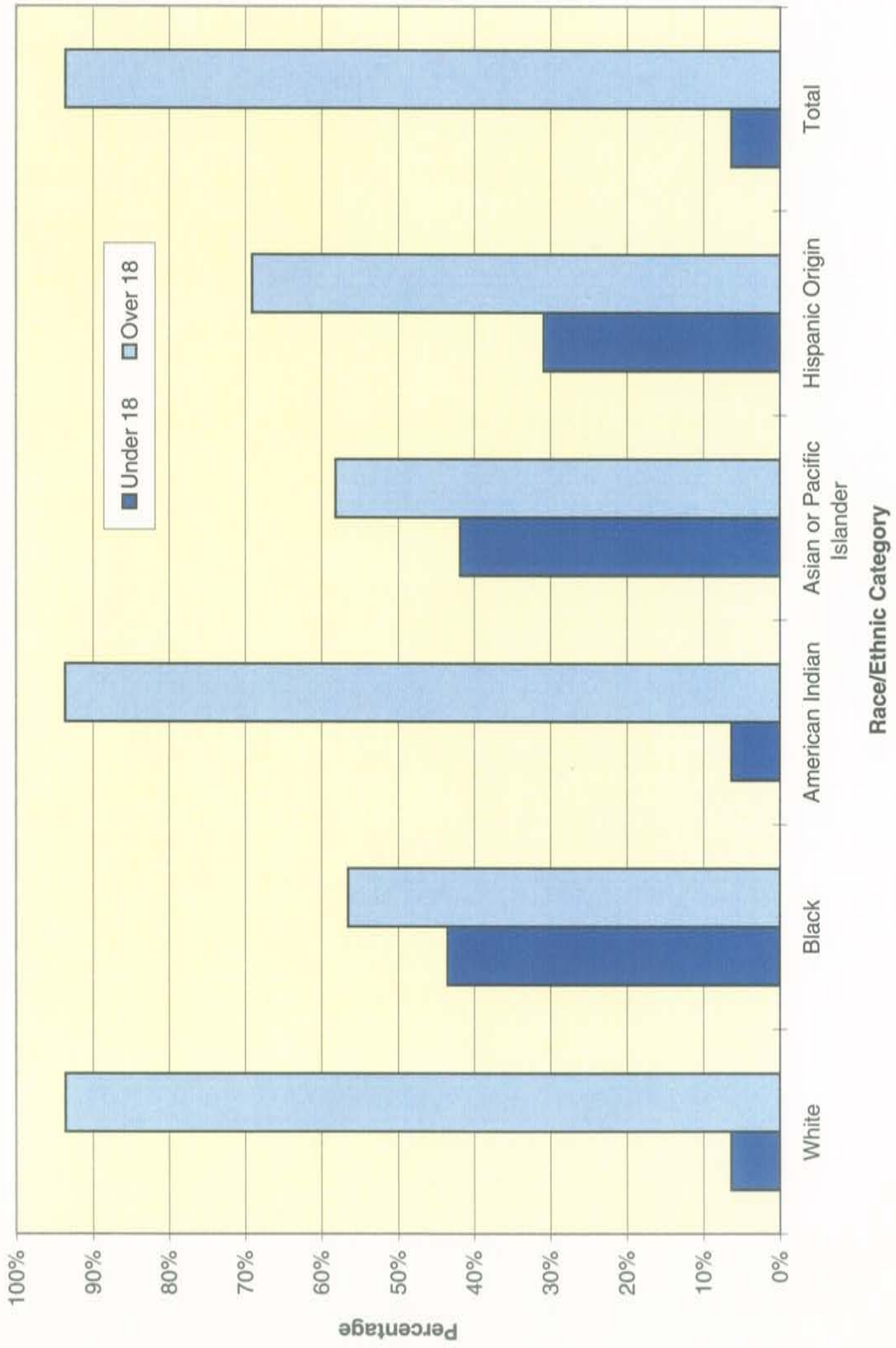


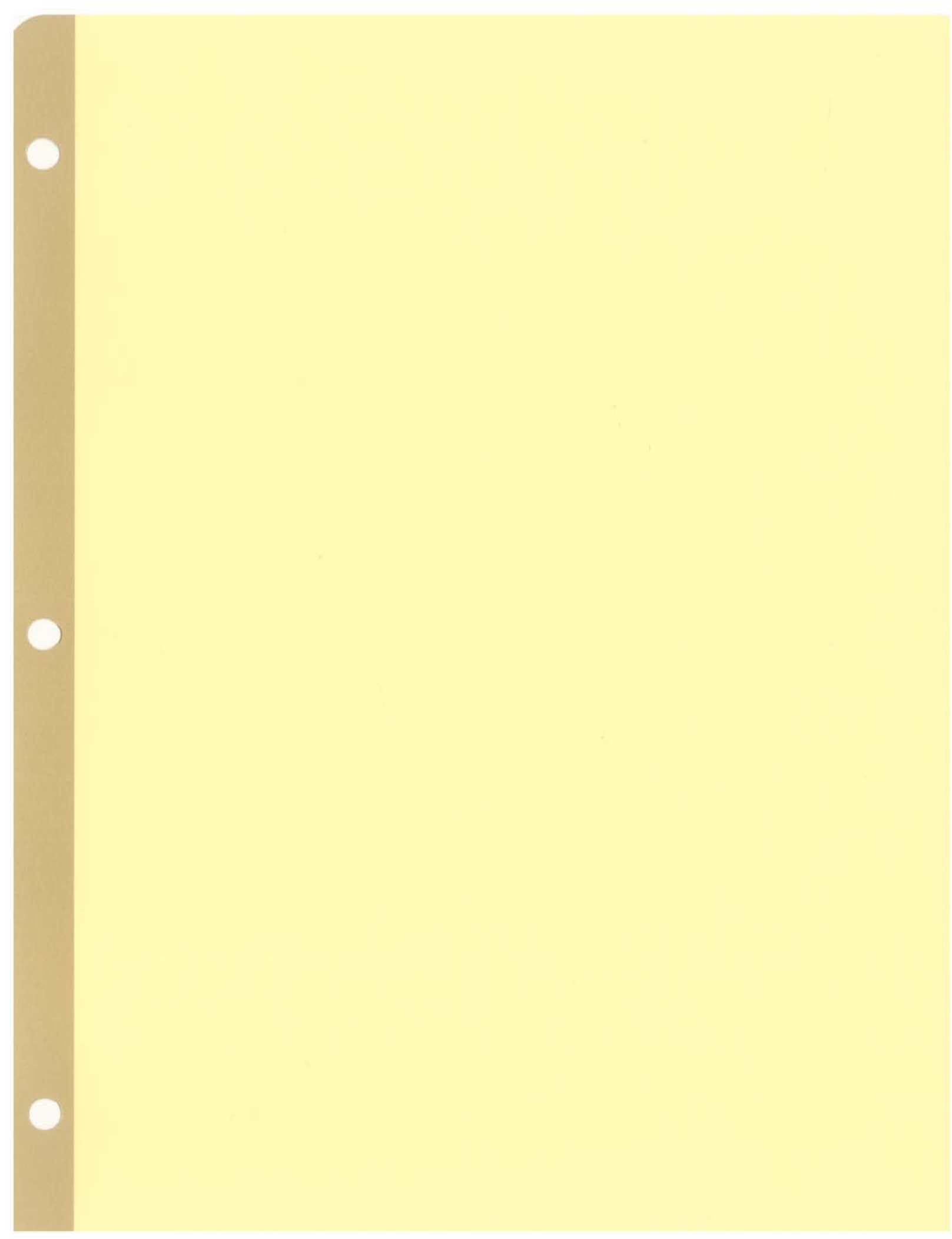
# San Francisco County 1990 Census Undercount Rates



California Department of Finance, Demographic Research Unit  
Source: 1990 Census of Population and Housing, Public Law 94-171 Data

# San Francisco County 1990 Census Undercount by Age Group





## DEFINITION

### *Mail Response Rate*

The mail response rate is defined as the ratio of mail returns to the mail-out universe.

$$\text{Mail Response Rate} = \frac{\text{Mail Returns}}{\text{Mail-out Universe}} \times 100$$

The denominator is the mail-out universe: the number of addresses that receive a questionnaire from either the United States Postal Service or Census Bureau staff. The mail-out universe includes occupied housing units, vacant units and nonexistent units. The numerator is mail returns: the number of these addresses for which the Census Bureau receives a questionnaire back through the mail. The mail response rate covers all of those questionnaires that are returned before the non-response follow-up universe is determined.

The mail response rate will be used by the Census Bureau in its "Plus Five" program to encourage people to return their Census 2000 form by mail. In the "Plus Five" program, Dr. Prewitt, the director of the Census Bureau, is challenging jurisdictions to increase their Census 2000 mail response rate by five percentage points over their 1990 rate.

1990 mail response rates are currently posted on the Census Bureau's website:

<http://www.census.gov/dmd/www/mailresp.html>.

During Census 2000, the Census Bureau plans to post and continuously update local mail response rates.

For a detailed demographic analysis of response rates in the 1990 census, see the paper "Who Responds/Who Doesn't? Analyzing Variation in Mail Response Rates During the 1990 Census", by David L. Word, 1997. The full text of this paper is available at:  
<http://www.census.gov/population/www/documentation/twps0019.html>

#### ***All jurisdictions do not have a mail response rate.***

Mail response rates are calculated only for those areas of the country where either the U.S. Postal Service or Census Bureau staff deliver questionnaires to addresses prior to Census Day (April 1). In these areas, respondents complete the questionnaire and return it to the Census Bureau by mail. If a jurisdiction were enumerated solely by the list/enumerate methodology, i.e. a Census Bureau enumerator delivers the questionnaire to the address and personally interviews the household, writing the answers on the questionnaire, the mail response rate will not be displayed. Note also that the jurisdictional boundaries reflect 1990 definitions.



Table 1c: 1990 Mail Response Rates for California Counties  
and for the Cities in San Francisco County

<u>County</u>	<u>Mail Response Rates</u>		<u>Mail Response Rates</u>
Alameda County	65%	<b>San Francisco County</b>	<b>64%</b>
Butte County	63%	San Francisco city	64%
Colusa County	58%		
Contra Costa County	71%		
El Dorado County	66%		
Fresno County	63%		
Glenn County	62%		
Humboldt County	66%		
Imperial County	51%		
Inyo County	66%		
Kern County	60%		
Kings County	62%		
Lake County	46%		
Los Angeles County	64%		
Madera County	60%		
Marin County	71%		
Mendocino County	59%		
Merced County	66%		
Monterey County	62%		
Napa County	70%		
Nevada County	64%		
Orange County	69%		
Placer County	68%		
Riverside County	59%		
Sacramento County	66%		
San Benito County	67%		
San Bernardino County	63%		
San Diego County	68%		
San Francisco County	64%		
San Joaquin County	64%		
San Luis Obispo County	68%		
San Mateo County	70%		
Santa Barbara County	69%		
Santa Clara County	71%		
Santa Cruz County	65%		
Shasta County	65%		
Solano County	67%		
Sonoma County	67%		
Stanislaus County	64%		
Sutter County	65%		
Tehama County	60%		
Tulare County	60%		
Tuolumne County	59%		
Ventura County	76%		
Yolo County	67%		
Yuba County	58%		
<b>CALIFORNIA</b>	<b>65%</b>		

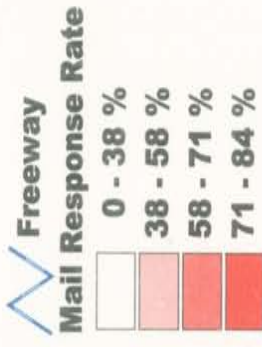
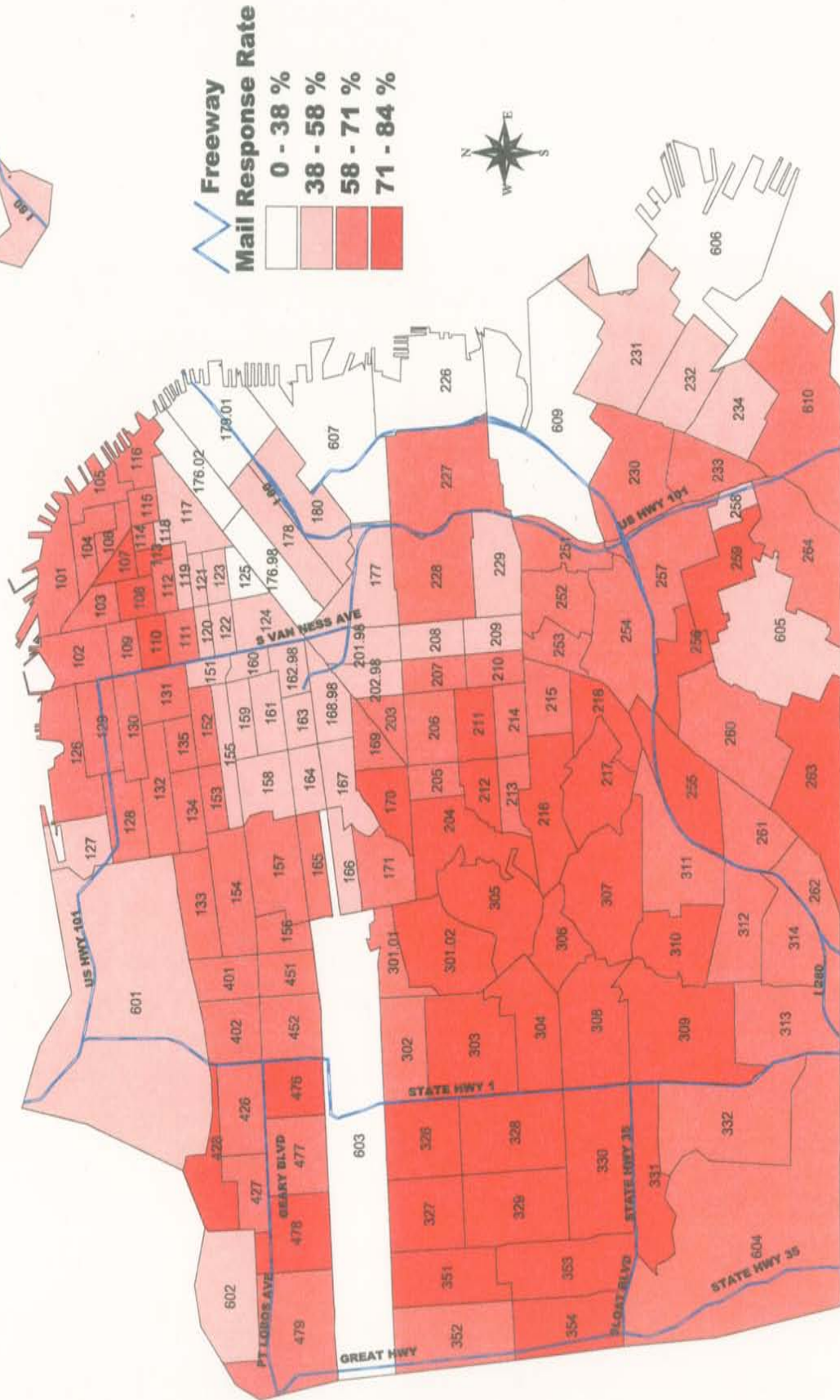
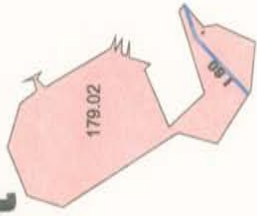
Data Source: 1990 US Census, <http://www.census.gov/dmd/www/disp-mro.06>

The Mail Response Rate is calculated by dividing the number of mail returns by the total mail out universe (times 100 to convert to a rate).

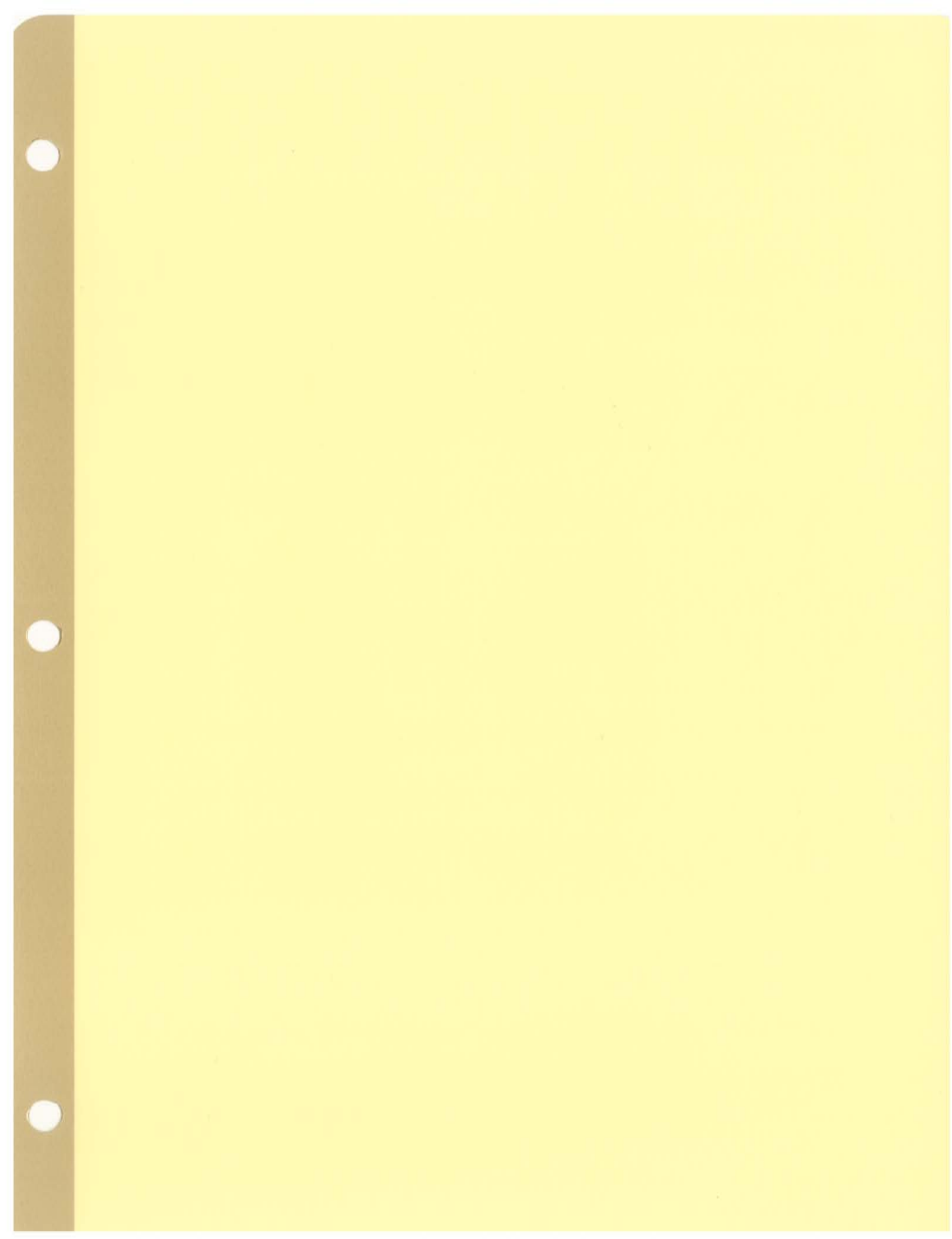
The total mail out universe includes occupied housing units, vacant units and nonexistent units.

Not all jurisdictions are included in this table.

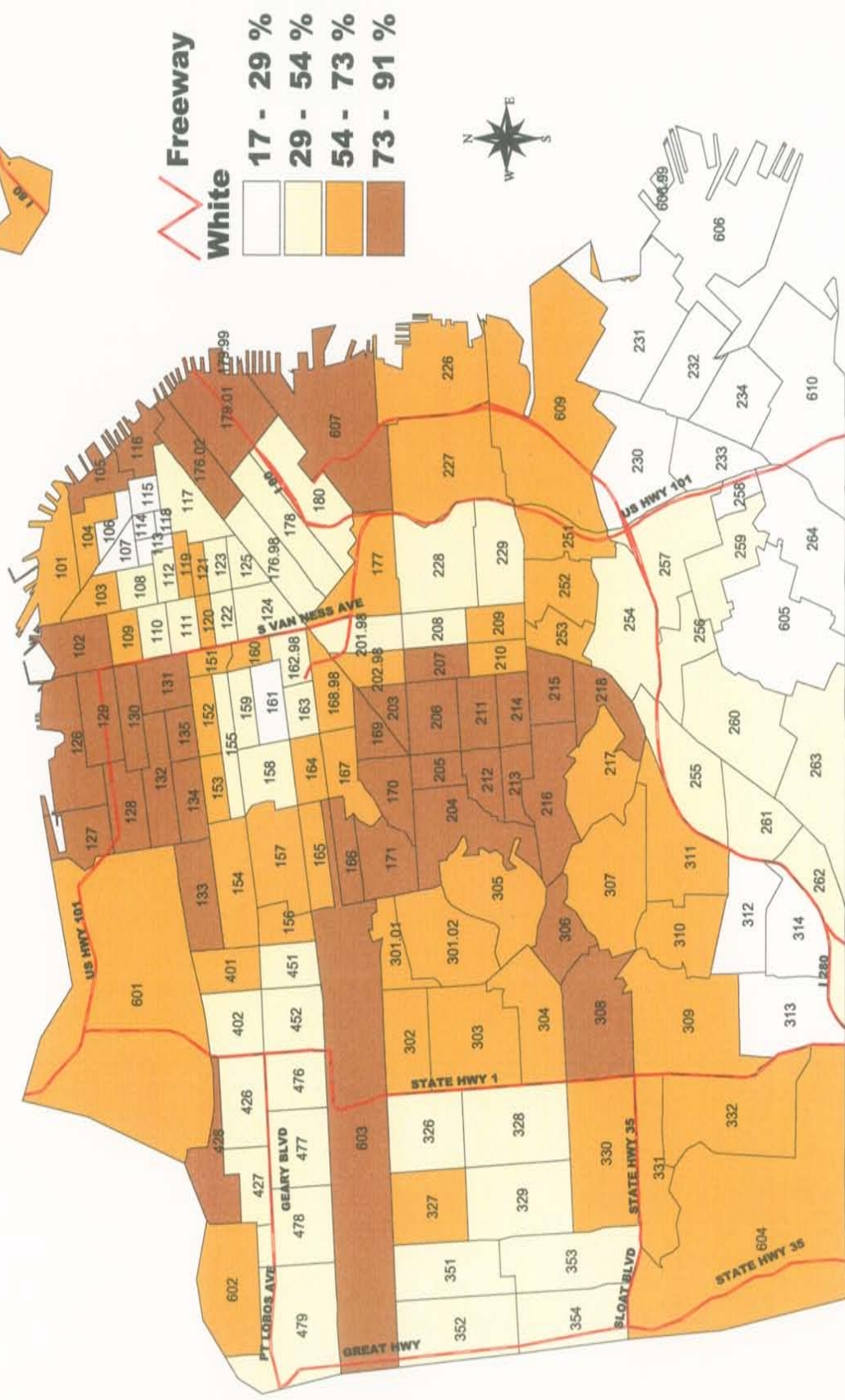
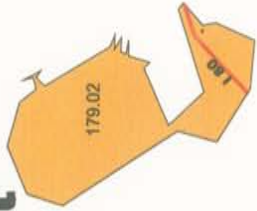
# 1990 Mail Response Rate San Francisco County by Census Tract



4 0 4 8 Miles

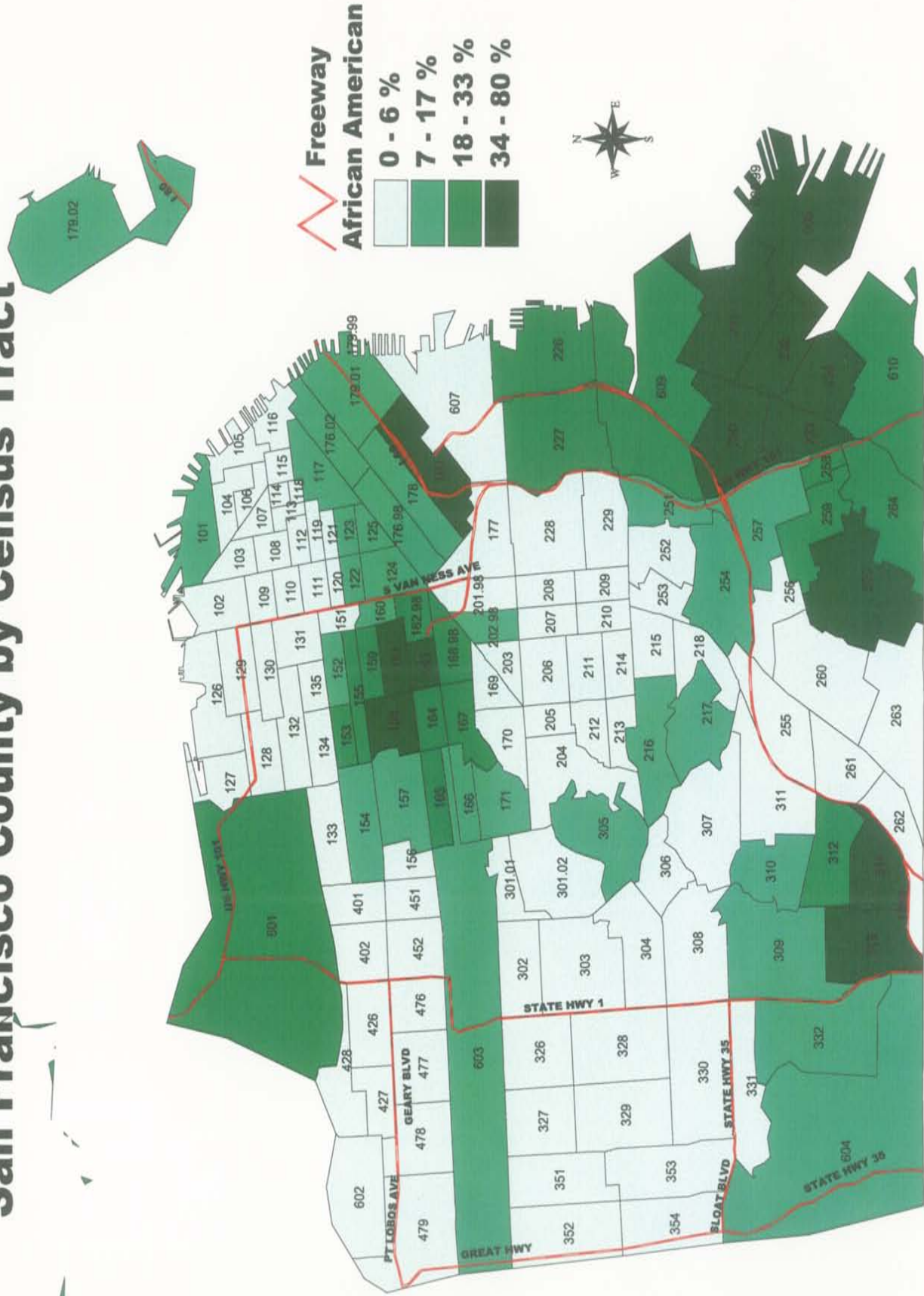


# 1990 Percent White San Francisco County by Census Tract

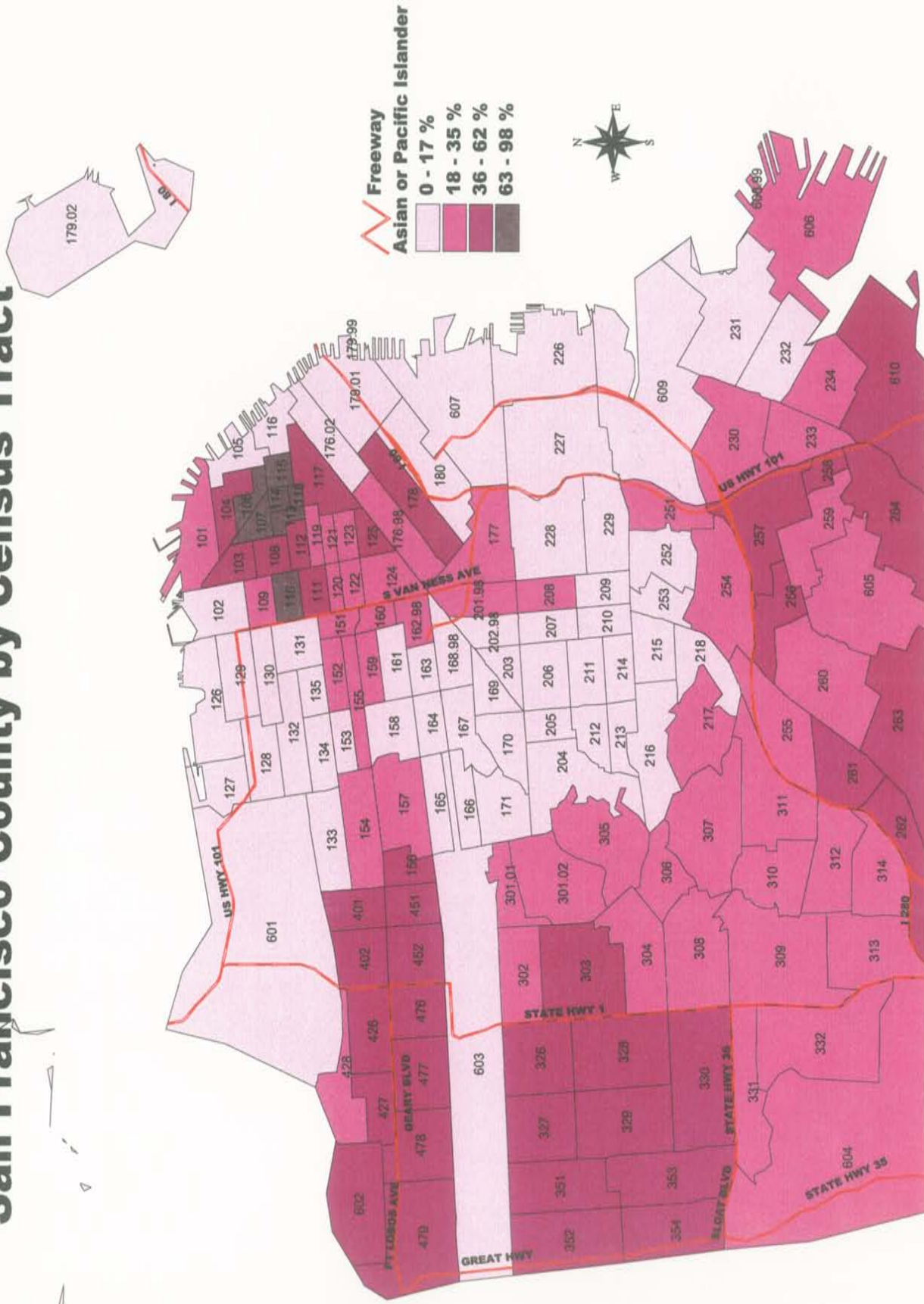


4 0 4 8 Miles

# 1990 Percent African American San Francisco County by Census Tract

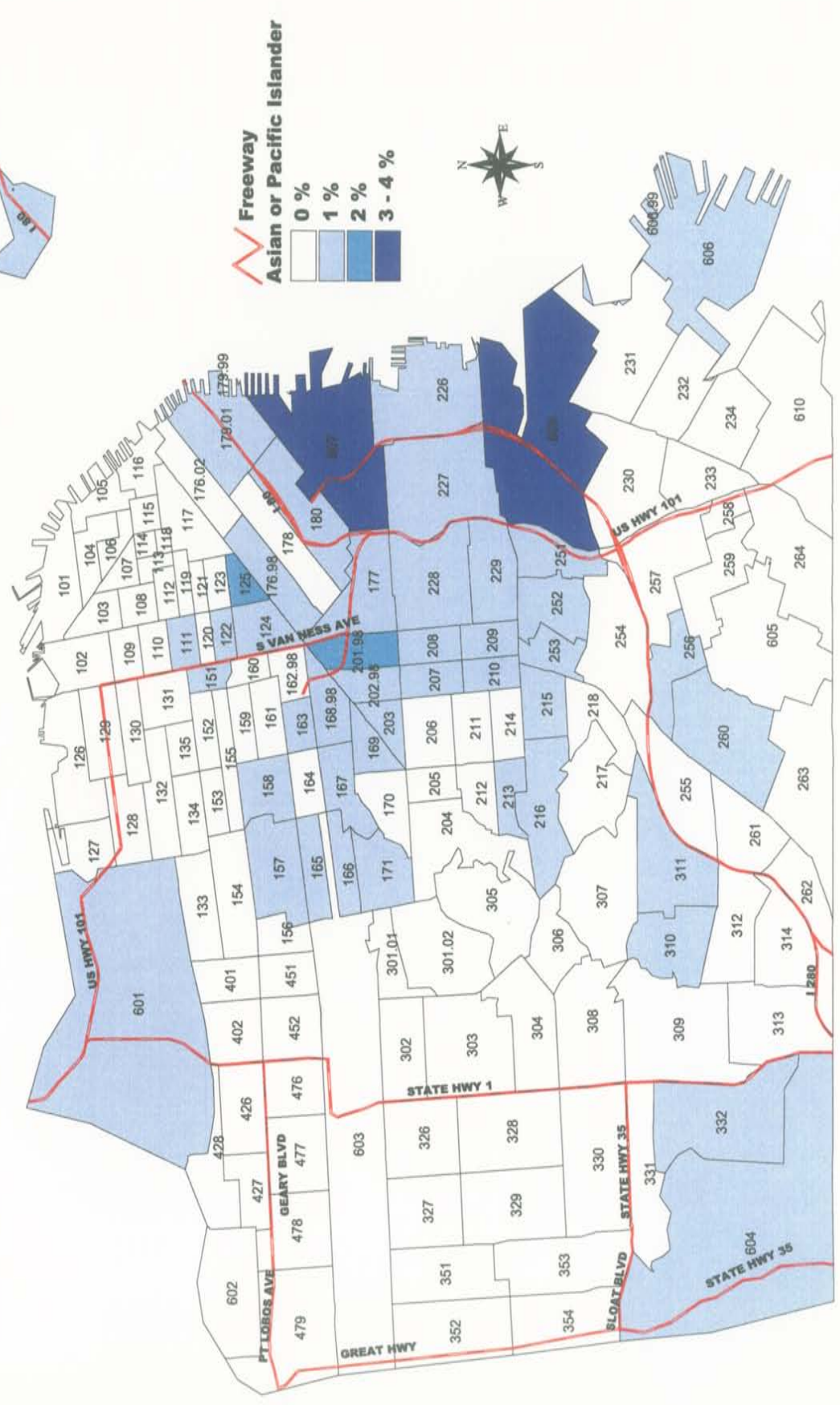
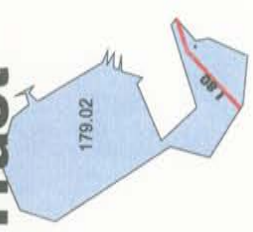


# 1990 Percent Asian or Pacific Islander San Francisco County by Census Tract



4 0 4 8 Miles

# 1990 Percent American Indian, Eskimo or Aleut San Francisco County by Census Tract



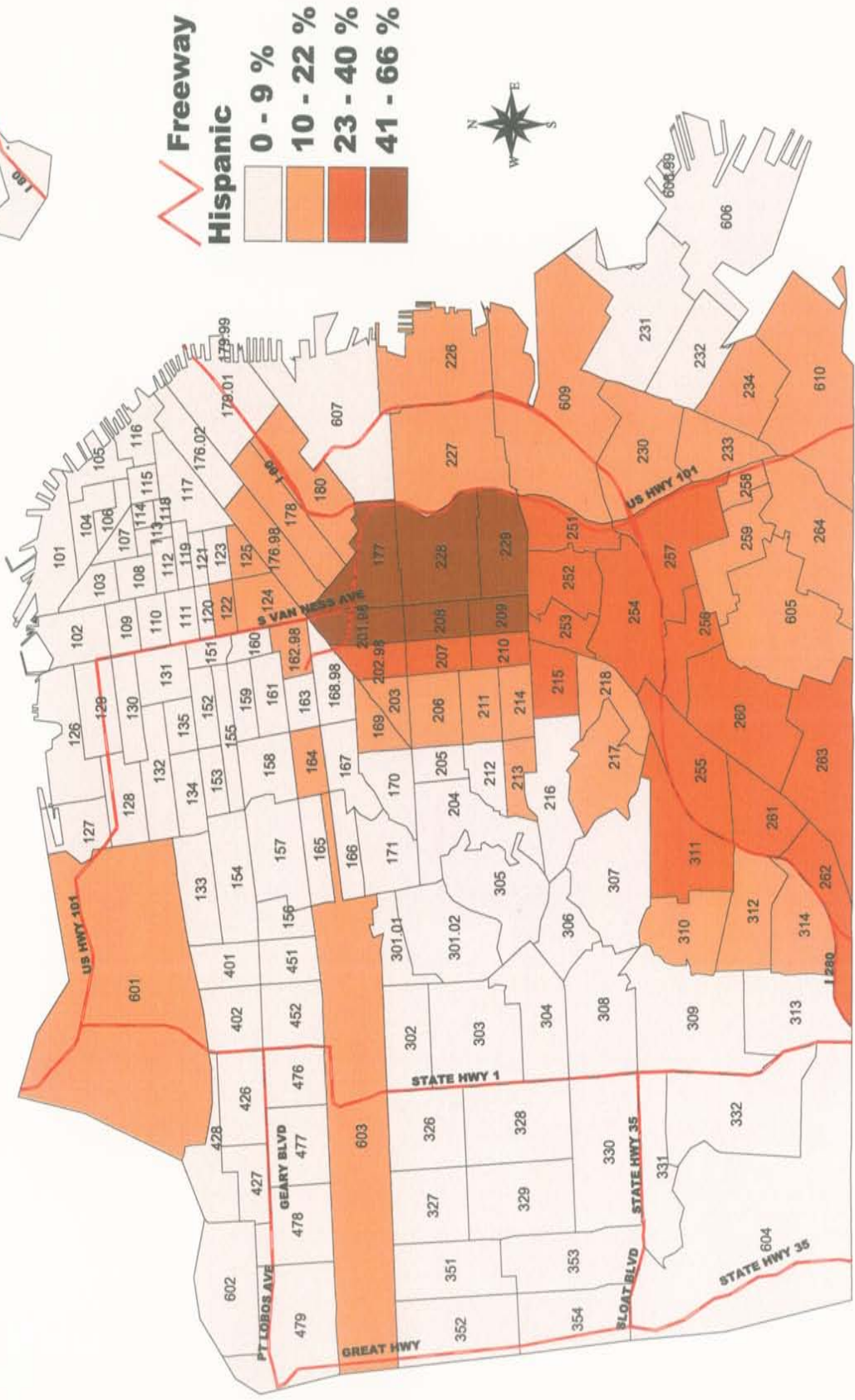
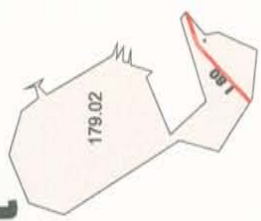
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# 1990 Percent Hispanic Origin San Francisco County by Census Tract

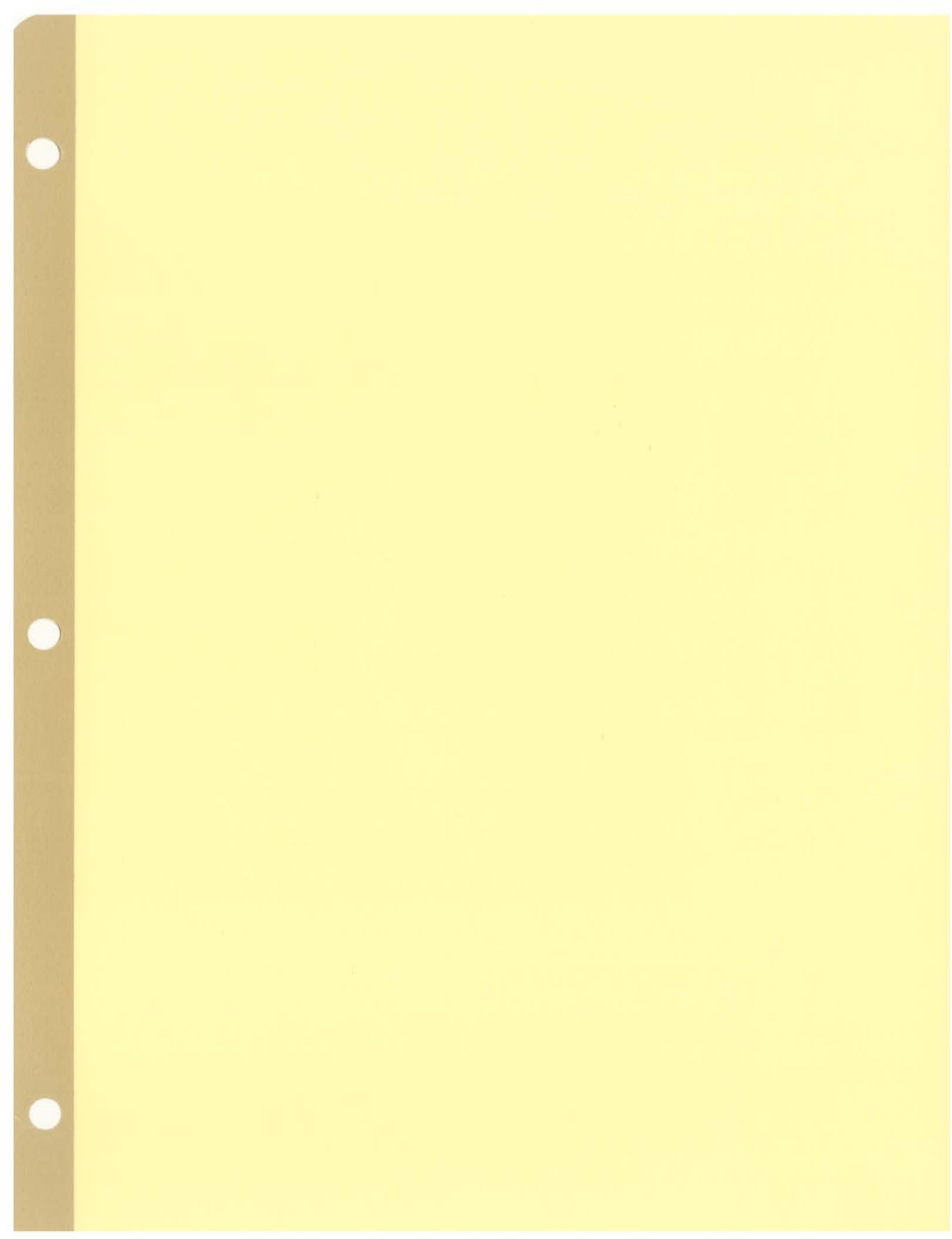


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## DEFINITION

### *Hard-to-Count Score*

The planning database contains a "hard-to-count" (HTC) score that summarizes the attributes of each census tract in terms of enumeration difficulty. Comparative HTC scores across tracts provide indicators of the degree of difficulty of enumeration: tracts with the highest HTC scores (over 70) are likely to be areas with relatively high non-response and undercount rates while tracts with the lowest scores (under 30) are likely to be areas with low rates.

A total of 12 variables correlated with non-response and undercounting are used to derive the HTC score. These 12 variables are:

- (1) Percent of total housing units that are vacant
- (2) Percent of total housing units with 2 or more units in a multi-unit structure
- (3) Percent of total housing units that are renter-occupied
- (4) Percent crowded = percent of occupied housing units with more than 1 person per household
- (5) Percent of households that are not husband/wife families (this includes all non-family households as well as family households in which the spouse is not present)
- (6) Percent of occupied housing units with no telephone
- (7) Percent of adults (ages 25 or older) who are not high-school graduates
- (8) Percent of persons below poverty level
- (9) Percent of households receiving public assistance income
- (10) Percent of persons (ages 16 or older) unemployed
- (11) Percent of households that are linguistically isolated (percent of households in which a language other than English is spoken at home and no person age 14 years or older speaks English very well)
- (12) Percent of occupied housing units where the householder moved into the unit in 1989 or in 1990 (January to March 1990)

The hard-to-count score was calculated for census tracts in the following way:

1. Each one of the 12 variables listed above was sorted across geographic areas from high to low (e.g. sort tracts from the highest percent poverty to the lowest).
2. Each variable was recoded: Scores (0 to 11) were assigned to each variable for each tract. The highest values of a particular variable were recoded as 11, down to the lowest values which were recoded as a 0 (e.g. values of 11 are given to tracts with the highest poverty rates, over 48.8%, and values of 0 are given to tracts below the national poverty median of 10.5%).
3. The scores (0-11) assigned to each of the 12 variables are summed to form a composite HTC score for the tract. For any one variable, the HTC score can range from 0 to 132. A tract with the highest values (=11) for all 12 variables would have a score of 132 ( $11 \times 12 = 132$ ).

The predictive effectiveness of the planning database and the HTC scores has been proven by testing against empirical measures of mail response and undercount in the 1990 census, 1995 test census, and the Census 2000 dress rehearsal. Variations across census tracts in 1990 mail response rates and HTC scores may be excellent predictors of patterns of public cooperation in returning the Census 2000 questionnaire.

**Table 2: 1990 Census Tracts Ranked by Hard-to-Count (HTC) Score**

**San Francisco County**

<u>Place (1)</u>	<u>Tract</u>	<u>HTC Score (2)</u>
San Francisco city	125	121
San Francisco city	176.98	113
San Francisco city	117	110
San Francisco city	124	107
San Francisco city	123	105
San Francisco city	178	101
San Francisco city	115	99
San Francisco city	201.98	98
San Francisco city	605	97
San Francisco city	122	96
San Francisco city	118	91
San Francisco city	231	89
San Francisco city	114	88
San Francisco city	120	88
San Francisco city	161	88
San Francisco city	180	88
San Francisco city	226	87
San Francisco city	208	85
San Francisco city	229	84
San Francisco city	177	82
San Francisco city	107	81
San Francisco city	162.98	81
San Francisco city	163	80
San Francisco city	209	79
San Francisco city	113	78
San Francisco city	228	76
San Francisco city	234	76
San Francisco city	110	75
San Francisco city	155	75
San Francisco city	106	74
San Francisco city	202.98	73
San Francisco city	101	72
San Francisco city	111	71
San Francisco city	119	71
San Francisco city	606	70
San Francisco city	164	68
San Francisco city	168.98	68
San Francisco city	609	68
San Francisco city	159	67
San Francisco city	165	66
San Francisco city	179.01	66
San Francisco city	604	66

<u>Place (1)</u>	<u>Tract</u>	<u>HTC Score (2)</u>
San Francisco city	158	63
San Francisco city	121	62
San Francisco city	210	62
San Francisco city	151	61
San Francisco city	160	61
San Francisco city	112	60
San Francisco city	253	60
San Francisco city	402	60
San Francisco city	254	59
San Francisco city	203	57
San Francisco city	207	57
San Francisco city	227	57
San Francisco city	108	56
San Francisco city	401	56
San Francisco city	427	56
San Francisco city	264	55
San Francisco city	104	54
San Francisco city	233	54
San Francisco city	232	53
San Francisco city	126	52
San Francisco city	152	52
San Francisco city	167	52
San Francisco city	169	52
San Francisco city	426	52
San Francisco city	109	51
San Francisco city	116	51
San Francisco city	127	51
San Francisco city	258	51
San Francisco city	302	50
San Francisco city	452	50
San Francisco city	157	49
San Francisco city	166	49
San Francisco city	301.01	49
San Francisco city	451	49
San Francisco city	103	48
San Francisco city	130	47
San Francisco city	206	47
San Francisco city	230	47
San Francisco city	332	47
San Francisco city	477	47
San Francisco city	601	47
San Francisco city	135	46
San Francisco city	154	46
San Francisco city	156	46
San Francisco city	179.02	46
San Francisco city	131	45

<u>Place (1)</u>	<u>Tract</u>	<u>HTC Score (2)</u>
San Francisco city	352	45
San Francisco city	478	45
San Francisco city	102	44
San Francisco city	129	44
San Francisco city	479	44
San Francisco city	607	44
San Francisco city	312	43
San Francisco city	215	42
San Francisco city	252	42
San Francisco city	134	41
San Francisco city	314	41
San Francisco city	610	41
San Francisco city	128	40
San Francisco city	153	40
San Francisco city	214	40
San Francisco city	262	40
San Francisco city	132	39
San Francisco city	171	39
San Francisco city	205	39
San Francisco city	326	39
San Francisco city	476	39
San Francisco city	251	38
San Francisco city	257	38
San Francisco city	211	37
San Francisco city	301.02	37
San Francisco city	204	36
San Francisco city	260	36
San Francisco city	263	36
San Francisco city	313	36
San Francisco city	133	35
San Francisco city	218	35
San Francisco city	255	35
San Francisco city	261	35
San Francisco city	105	33
San Francisco city	170	33
San Francisco city	176.02	32
San Francisco city	354	32
San Francisco city	213	31
San Francisco city	259	30
San Francisco city	351	30
San Francisco city	212	29
San Francisco city	311	29
San Francisco city	216	28
San Francisco city	256	28
San Francisco city	353	28
San Francisco city	328	27

<u>Place (1)</u>	<u>Tract</u>	<u>HTC Score (2)</u>
San Francisco city	327	25
San Francisco city	329	24
San Francisco city	303	21
San Francisco city	217	20
San Francisco city	330	20
San Francisco city	305	18
San Francisco city	310	16
San Francisco city	304	11
San Francisco city	307	10
San Francisco city	309	9
San Francisco city	308	8
San Francisco city	331	8
San Francisco city	306	7
San Francisco city	428	5
San Francisco city	602	0
San Francisco city	179.99	
San Francisco city	603	
San Francisco city	606.99	

**California Department of Finance, Demographic Research Unit**

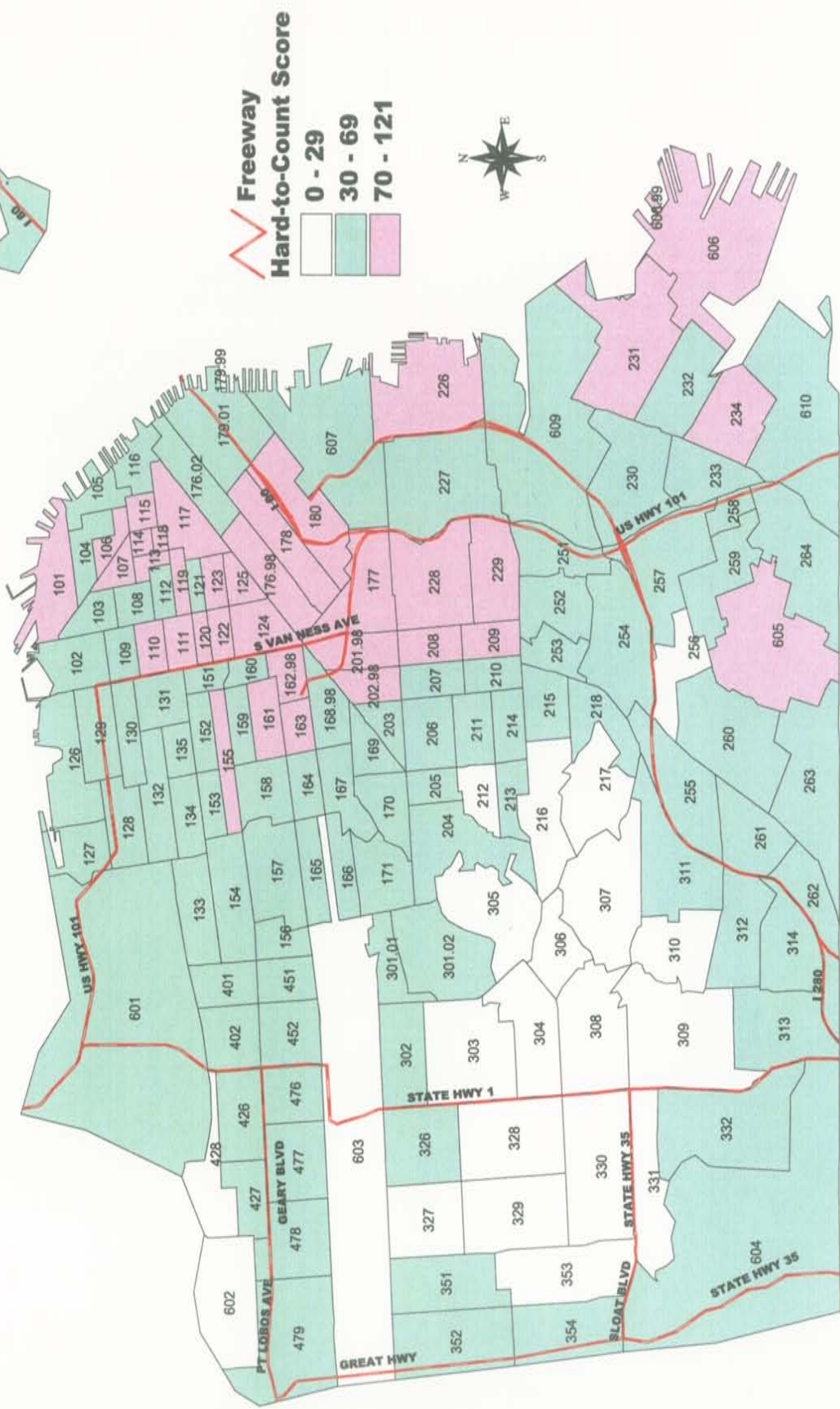
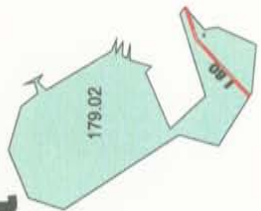
Source: 1990 US Census - Planning Database File

- 1) For tracts that are split into more than one place, the place name is shown for the split part with the largest population.
- 2) A total of 12 variables correlated with nonresponse and undercounting are used to derive the HTC score. The variables include housing indicators (percent renters, multi-units, crowded housing, lack of telephones, vacancy) and population characteristics (poverty, high school dropout, unemployed, complex household, mobility, language isolation). The HTC score ranges from 0 to 132.

Three broad categories of tracts are described below:

HTC $\geq$ 70	Difficult to enumerate. High nonresponse and undercount rates.
$30 \leq$ HTC $\leq$ 69	Moderately difficult to enumerate.
HTC $\leq$ 29	Less difficult to enumerate. Low nonresponse and undercount rates.

# 1990 Hard-to-Count Score San Francisco County by Census Tract



8 Miles

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Table 3: Characteristics of 1990 Census Tracts

San Francisco County

County/Place (1)	Tract	Total Population for Tract	Total Households for Tract	% Black/African American	% American Indian, Eskimo, Aleut	% Asian/Pacific Islander	% Hispanic Origin	1990 Mail Response Rate	1990 Census Undercount Rate	Hard-to-Count Score	% Renter occupied units	% Occupied units with no telephone	% Persons below poverty level	% Households receiving public assistance
San Francisco county		723,959	305,984	11	1	29	14	64	3	N/A	66	3	13	10
San Francisco city	101	2,822	1,709	11	0	29	9	64	4	72	92	4	22	16
San Francisco city	102	4,192	2,709	1	0	9	4	69	2	44	72	0	6	2
San Francisco city	103	4,219	2,050	1	0	42	4	69	3	48	75	0	4	4
San Francisco city	104	4,559	2,322	1	0	37	3	68	3	54	76	1	7	5
San Francisco city	105	559	370	2	0	16	3	62	0	33	26	1	3	0
San Francisco city	106	4,547	1,572	1	0	68	3	69	4	74	85	3	17	9
San Francisco city	107	5,621	1,790	0	0	86	2	73	3	81	91	6	21	28
San Francisco city	108	5,293	2,441	1	0	62	2	73	3	56	74	1	10	8
San Francisco city	109	4,562	2,654	1	0	30	4	71	3	51	84	1	9	8
San Francisco city	110	5,340	2,312	1	0	68	3	74	4	75	88	3	17	9
San Francisco city	111	5,526	2,655	3	1	48	4	65	4	71	94	2	18	9
San Francisco city	112	3,793	2,025	1	0	47	2	64	3	60	75	1	8	6
San Francisco city	113	3,361	1,510	2	0	87	1	75	3	78	89	2	21	24
San Francisco city	114	3,260	1,463	0	0	98	0	65	3	88	95	8	29	28
San Francisco city	115	921	210	1	0	81	3	61	2	99	87	13	36	23
San Francisco city	116	1,602	1,130	2	0	10	3	70	1	51	91	0	3	2
San Francisco city	117	2,344	1,133	10	0	48	6	42	5	110	98	19	28	17
San Francisco city	118	1,642	658	1	0	91	0	57	3	91	98	4	26	29
San Francisco city	119	4,940	3,147	4	0	27	6	48	3	71	89	3	15	7
San Francisco city	120	3,793	2,040	5	0	32	9	55	4	88	99	4	23	11
San Francisco city	121	3,064	2,255	4	0	25	8	48	4	62	97	6	18	5
San Francisco city	122	6,463	3,675	7	1	35	13	48	5	96	96	5	23	19
San Francisco city	123	5,469	3,299	8	0	35	8	43	4	105	100	20	21	21
San Francisco city	124	6,563	3,676	14	1	31	12	47	4	107	99	15	28	22
San Francisco city	125	5,674	3,329	16	2	38	12	38	4	121	99	33	33	46
San Francisco city	126	4,284	2,825	1	0	8	4	63	2	52	78	1	5	3
San Francisco city	127	2,617	1,532	0	0	8	4	52	2	51	70	0	4	1
San Francisco city	128	4,117	2,441	1	0	8	3	67	2	40	72	0	4	4
San Francisco city	129	5,748	3,546	1	0	9	6	70	3	44	85	0	6	2
San Francisco city	130	3,852	2,414	1	0	9	3	67	2	47	76	0	4	1
San Francisco city	131	6,071	3,939	2	0	8	4	70	2	45	83	0	4	2



County/Place (1)	Tract	Total Population for Tract	Total Households for Tract	% Black/African American	% American Indian, Eskimo, Aleut	% Asian/Pacific Islander	% Hispanic Origin	1990 Mail Response Rate	1990 Census Undercount Rate	Hard-to-Count Score	% Renter occupied units	% Occupied units with no telephone	% Persons below poverty level	% Households receiving public assistance
San Francisco city	132	4,320	2,406	1	0	8	4	67	2	39	64	0	5	2
San Francisco city	133	4,048	1,951	3	0	10	4	70	1	35	59	0	6	4
San Francisco city	134	3,633	2,155	6	0	8	4	66	3	41	71	0	7	5
San Francisco city	135	2,534	1,653	2	0	10	3	63	2	46	78	1	7	3
San Francisco city	151	1,794	1,113	6	1	22	7	57	2	61	77	1	11	8
San Francisco city	152	3,527	2,123	8	0	25	5	62	3	52	80	1	7	10
San Francisco city	153	2,009	923	23	0	11	5	59	4	40	73	0	9	3
San Francisco city	154	5,453	2,798	9	0	24	5	69	3	46	73	1	8	6
San Francisco city	155	3,505	2,013	29	0	29	4	55	4	75	95	2	24	21
San Francisco city	156	2,792	1,270	4	0	36	6	65	3	46	71	0	12	3
San Francisco city	157	6,304	2,282	13	1	26	6	61	4	49	73	1	12	5
San Francisco city	158	5,996	2,874	45	1	11	6	47	5	63	83	2	15	12
San Francisco city	159	2,348	1,266	25	0	28	6	51	3	67	69	1	12	11
San Francisco city	160	2,129	1,498	8	0	19	7	57	2	61	73	2	11	7
San Francisco city	161	5,112	2,405	78	0	10	4	50	6	88	94	7	29	42
San Francisco city	162.98	2,208	1,192	20	0	18	22	47	6	81	96	3	25	18
San Francisco city	163	4,363	1,904	49	1	6	9	47	7	80	88	6	31	27
San Francisco city	164	3,609	1,659	32	0	8	10	50	5	68	88	3	14	9
San Francisco city	165	4,856	2,255	21	1	12	8	59	5	66	84	2	17	15
San Francisco city	166	4,932	2,400	13	1	7	6	56	5	49	86	1	9	9
San Francisco city	167	4,821	2,321	21	1	8	8	53	5	52	81	2	18	5
San Francisco city	168.98	5,733	3,022	28	1	8	9	52	5	68	88	2	17	12
San Francisco city	169	3,109	1,667	6	1	7	11	61	4	52	84	4	14	10
San Francisco city	170	3,705	2,146	3	0	6	6	73	2	33	62	0	6	2
San Francisco city	171	7,474	3,602	10	1	7	5	68	3	39	70	1	10	5
San Francisco city	176.02	362	320	8	0	15	4	23	5	32	100	0	8	0
San Francisco city	176.98	3,879	1,422	15	1	32	16	25	4	113	98	32	27	27
San Francisco city	177	1,910	526	5	1	22	48	48	4	82	90	9	29	17
San Francisco city	178	3,797	2,118	9	0	47	12	55	2	101	94	7	18	45
San Francisco city	179.01	2,429	1,345	11	1	10	8	37	5	66	99	2	9	1
San Francisco city	179.02	4,509	970	16	1	16	9	46	5	46	100	0	5	2
San Francisco city	179.99	63	0	8	2	0	6	0	0	0	0	0	0	0
San Francisco city	180	1,303	227	44	1	7	15	40	2	88	93	10	31	23
San Francisco city	201.98	4,844	1,641	6	2	26	49	45	4	98	95	12	32	23
San Francisco city	202.98	6,144	2,838	9	1	17	31	58	4	73	87	4	21	17
San Francisco city	203	3,357	1,650	5	1	10	20	61	4	57	84	1	15	8
San Francisco city	204	7,647	4,499	3	0	9	7	71	3	36	68	0	4	3
San Francisco city	205	2,436	1,301	2	0	6	8	64	3	39	69	0	8	3

County/Place (1)	Tract	Total Population for Tract	Total Households for Tract	% Black/African American	% American Indian, Eskimo, Aleut	% Asian/Pacific Islander	% Hispanic Origin	1990 Mail Response Rate	1990 Census Undercount Rate	Hard-to-Count Score	% Renter occupied units	% Occupied units with no telephone	% Persons below poverty level	% Households receiving public assistance
San Francisco city	206	4,785	2,738	3	0	6	10	69	3	47	73	1	8	9
San Francisco city	207	5,491	2,575	3	1	9	29	64	4	57	85	3	8	6
San Francisco city	208	6,982	2,350	4	1	20	56	55	4	85	90	4	24	21
San Francisco city	209	4,517	1,584	2	1	13	60	58	4	79	90	2	24	12
San Francisco city	210	4,784	2,111	4	1	9	36	63	4	62	84	0	16	6
San Francisco city	211	3,925	1,928	3	0	7	10	71	2	37	64	0	7	5
San Francisco city	212	2,783	1,486	2	0	6	9	73	2	29	56	0	6	1
San Francisco city	213	2,342	1,115	2	1	7	13	70	2	31	51	1	8	3
San Francisco city	214	3,239	1,651	2	0	7	16	68	2	40	64	2	7	8
San Francisco city	215	5,389	2,422	3	1	9	30	68	3	42	68	2	7	4
San Francisco city	216	4,128	2,162	8	1	16	9	74	2	28	39	0	5	4
San Francisco city	217	3,845	1,624	15	0	20	12	74	2	20	34	0	6	6
San Francisco city	218	4,098	1,834	4	0	10	20	71	2	35	47	0	11	2
San Francisco city	226	604	214	28	1	7	14	36	4	87	72	10	22	13
San Francisco city	227	9,232	4,161	21	1	10	13	61	4	57	60	2	20	13
San Francisco city	228	11,191	3,187	4	1	11	63	59	4	76	74	3	21	16
San Francisco city	229	11,153	3,110	6	1	11	66	55	5	84	76	4	25	19
San Francisco city	230	9,205	2,907	50	0	30	12	62	4	47	30	3	15	16
San Francisco city	231	8,383	2,769	80	0	12	5	43	8	89	74	11	42	37
San Francisco city	232	3,656	1,178	80	0	9	7	52	5	53	34	2	22	24
San Francisco city	233	1,189	300	43	0	31	17	59	4	54	41	3	18	10
San Francisco city	234	3,006	914	64	0	22	11	50	6	76	52	5	31	34
San Francisco city	251	3,172	1,216	11	1	20	25	70	2	38	39	1	7	8
San Francisco city	252	5,233	2,028	6	1	13	34	67	3	42	46	3	10	10
San Francisco city	253	4,146	1,583	5	1	15	40	58	3	60	64	1	13	8
San Francisco city	254	10,894	3,477	11	0	28	36	65	3	59	47	3	15	14
San Francisco city	255	6,628	2,133	2	0	32	34	73	2	35	32	0	6	9
San Francisco city	256	4,914	1,432	5	1	44	28	73	2	28	26	2	4	10
San Francisco city	257	7,158	2,227	7	0	40	25	70	2	38	34	3	8	10
San Francisco city	258	1,761	491	23	0	43	19	56	3	51	41	3	6	16
San Francisco city	259	3,816	1,279	20	0	34	15	72	2	30	18	0	2	11
San Francisco city	260	15,327	4,445	4	1	32	39	71	2	36	33	1	6	11
San Francisco city	261	4,683	1,511	2	0	43	29	70	1	35	33	2	10	11
San Francisco city	262	6,334	1,673	5	0	46	33	68	2	40	35	1	10	14
San Francisco city	263	11,050	3,228	3	0	45	28	72	1	36	28	1	6	12
San Francisco city	264	14,276	3,879	25	0	49	14	63	3	55	38	4	18	21
San Francisco city	301.01	4,263	1,914	4	0	22	7	62	4	49	79	0	12	4
San Francisco city	301.02	3,976	1,876	4	0	21	6	76	3	37	63	0	10	4

County/Place (1)	Tract	Total Population for Tract	Total Households for Tract	% Black/African American	% American Indian, Eskimo, Aleut	% Asian/Pacific Islander	% Hispanic Origin	1990 Mail Response Rate	1990 Census Undercount Rate	Hard-to-Count Score	% Renter occupied units	% Occupied units with no telephone	% Persons below poverty level	% Households receiving public assistance
San Francisco city	302	8,428	3,899	3	0	30	7	67	3	50	79	0	11	6
San Francisco city	303	8,895	3,545	2	0	37	5	77	1	21	37	0	6	4
San Francisco city	304	4,978	1,854	2	0	31	5	82	0	11	22	0	6	5
San Francisco city	305	3,435	975	12	0	20	6	84	0	18	24	0	4	8
San Francisco city	306	2,029	859	1	0	19	7	81	0	7	15	0	6	2
San Francisco city	307	6,286	2,638	6	0	24	8	83	0	10	14	0	5	3
San Francisco city	308	5,620	2,097	1	0	23	6	77	0	8	20	1	3	3
San Francisco city	309	6,373	2,285	7	0	23	6	81	0	9	8	0	3	6
San Francisco city	310	3,396	1,253	7	1	29	12	80	1	16	14	0	6	6
San Francisco city	311	5,996	2,310	6	1	24	24	70	2	29	38	0	5	7
San Francisco city	312	7,138	2,218	33	0	34	15	64	3	43	32	1	12	13
San Francisco city	313	7,422	2,459	46	0	27	8	69	3	36	22	1	9	13
San Francisco city	314	5,364	1,598	53	0	22	14	60	4	41	28	2	12	15
San Francisco city	326	7,939	3,138	2	0	44	4	72	2	39	55	1	8	6
San Francisco city	327	5,847	2,237	1	0	41	6	79	1	25	36	0	9	8
San Francisco city	328	7,238	2,699	1	0	47	5	75	1	27	38	1	7	7
San Francisco city	329	7,582	2,795	1	0	50	5	81	1	24	26	0	8	8
San Francisco city	330	6,981	2,602	2	0	37	6	76	1	20	28	0	5	8
San Francisco city	331	3,447	1,450	1	0	30	4	82	0	8	9	0	4	5
San Francisco city	332	8,676	3,863	9	1	22	8	70	4	47	99	1	6	4
San Francisco city	351	7,267	2,646	1	0	48	5	79	1	30	39	0	9	8
San Francisco city	352	9,618	3,561	4	0	46	7	64	2	45	56	0	10	7
San Francisco city	353	6,577	2,268	2	0	49	6	81	1	28	32	1	9	9
San Francisco city	354	6,494	2,245	3	0	50	7	76	1	32	39	1	7	8
San Francisco city	401	4,334	1,878	2	0	41	5	67	3	56	75	2	9	10
San Francisco city	402	5,340	2,354	1	0	44	4	68	3	60	73	0	14	11
San Francisco city	426	6,943	3,103	2	0	43	5	70	3	52	73	0	6	8
San Francisco city	427	5,262	2,263	2	0	44	5	66	3	56	77	1	13	8
San Francisco city	428	2,457	995	1	0	18	3	78	0	5	23	0	4	3
San Francisco city	451	4,794	1,965	5	0	54	4	66	3	49	74	0	9	8
San Francisco city	452	7,163	2,620	4	0	49	5	70	3	50	65	0	17	7
San Francisco city	476	5,430	2,164	2	0	52	4	72	2	39	62	1	5	3
San Francisco city	477	8,115	3,275	2	0	53	4	71	2	47	63	1	13	5
San Francisco city	478	7,471	2,943	2	0	51	5	73	2	45	57	1	12	8
San Francisco city	479	9,549	3,873	4	0	44	5	71	2	44	52	1	9	8
San Francisco city	601	4,715	1,195	21	1	10	10	57	5	47	99	1	6	2
San Francisco city	602	11	1	0	0	46	-0	43	0	0	0	0	0	0
San Francisco city	603	25	0	12	0	4	12	0	0	0	0	0	100	0

County/Place (1)	Tract	Total Population for Tract	Total Households for Tract	% Black/African American	% American Indian, Eskimo, Aleut	% Asian/Pacific Islander	% Hispanic Origin	1990 Mail Response Rate	1990 Census Undercount Rate	Hard-to-Count Score	% Renter occupied units	% Occupied units with no telephone	% Persons below poverty level	% Households receiving public assistance
San Francisco city	604	1,398	900	10	1	18	7	61	4	66	75	1	15	3
San Francisco city	605	3,399	1,035	58	0	27	13	45	7	97	77	16	47	52
San Francisco city	606	404	101	60	1	34	6	30	6	70	61	0	0	13
San Francisco city	606.99	545	0	17	1	5	10	33	0	44	0	0	0	0
San Francisco city	607	152	32	5	3	5	4	26	1	68	21	0	0	0
San Francisco city	609	195	13	19	4	10	19	26	1	41	88	0	46	0
San Francisco city	610	1,861	482	28	0	45	13	70	2	41	22	4	10	19

California Department of Finance, Demographic Research Unit  
Source: 1990 US Census - Planning Database File

1) For tracts that are split into more than one place, the place name is shown for the split part with the largest population.

Table 4: Languages Spoken in Linguistically Isolated Households by 1990 Census Tract

San Francisco County

County/Place (1)	Tract	Linguistically Isolated Households (3)	Linguistically Isolated Households By Language										
			Total	%	Spanish	Tagalog	Chinese	Vietnamese	Korean	Croatian	Czech	Polish	Hungarian
San Francisco county (2)		37,503	12	7,384	1,670	19,241	852	1,013	50	63	122	85	
San Francisco city	101	366	21	45	17	234	0	33	0	0	0	0	
San Francisco city	102	96	4	18	0	19	0	0	0	0	0	0	
San Francisco city	103	306	15	0	0	265	0	0	0	0	0	0	
San Francisco city	104	317	14	0	0	256	0	0	0	0	0	0	
San Francisco city	106	538	34	6	0	518	0	0	0	0	0	0	
San Francisco city	107	1122	63	0	13	1,029	0	0	0	0	10	0	
San Francisco city	108	556	23	7	0	533	8	0	0	0	0	0	
San Francisco city	109	292	11	9	13	204	0	0	0	0	9	0	
San Francisco city	110	658	28	0	0	600	7	0	0	0	0	0	
San Francisco city	111	571	22	11	27	457	12	9	0	0	0	0	
San Francisco city	112	352	17	0	15	317	0	0	0	0	0	0	
San Francisco city	113	846	56	0	0	834	12	0	0	0	0	0	
San Francisco city	114	1137	78	0	0	1,137	0	0	0	0	0	0	
San Francisco city	115	137	65	0	0	137	0	0	0	0	0	0	
San Francisco city	116	51	5	6	0	26	0	0	0	0	0	0	
San Francisco city	117	366	32	25	16	292	8	0	0	0	0	10	
San Francisco city	118	473	72	0	0	466	0	0	0	0	0	0	
San Francisco city	119	267	8	0	16	168	0	0	0	0	0	11	
San Francisco city	120	400	20	37	42	214	8	0	0	0	11	0	
San Francisco city	121	225	10	50	0	80	28	10	0	0	0	0	
San Francisco city	122	578	16	144	48	228	33	29	0	0	9	0	
San Francisco city	123	623	19	69	33	315	55	24	0	16	0	0	
San Francisco city	124	543	15	111	34	253	48	12	0	0	0	0	
San Francisco city	125	729	22	160	69	261	56	42	0	0	0	0	
San Francisco city	126	109	4	16	11	15	0	0	0	0	0	0	

County/Place (1)	Tract	Linguistically Isolated Households (3)	Linguistically Isolated Households By Language												
			Total	%	Spanish	Tagalog	Chinese	Vietnamese	Korean	Croatian	Czech	Polish	Hungarian		
San Francisco city	127	45	3	0	0	16	0	0	0	0	0	0	0	0	0
San Francisco city	128	46	2	0	0	10	0	0	5	0	0	0	0	0	0
San Francisco city	129	180	5	14	0	40	0	0	0	0	0	0	0	0	0
San Francisco city	130	99	4	0	8	16	0	10	11	0	0	0	0	0	0
San Francisco city	131	178	5	29	0	31	0	0	0	0	0	0	0	13	0
San Francisco city	132	62	3	0	0	17	0	0	0	0	0	0	0	0	0
San Francisco city	133	132	7	16	0	36	14	0	0	0	0	0	0	0	0
San Francisco city	134	60	3	0	12	14	0	0	0	0	0	0	0	0	0
San Francisco city	135	62	4	10	0	14	0	0	0	0	0	0	0	0	0
San Francisco city	151	85	8	27	0	27	0	9	0	0	0	0	0	0	0
San Francisco city	152	167	8	14	0	31	0	27	0	0	0	0	0	0	0
San Francisco city	154	121	4	13	0	71	5	0	0	0	0	0	0	0	0
San Francisco city	155	334	17	0	0	9	15	76	0	0	0	0	0	0	0
San Francisco city	156	68	5	3	0	39	0	8	0	0	0	0	0	0	0
San Francisco city	157	137	6	11	17	54	0	5	0	0	0	0	0	0	0
San Francisco city	158	149	5	48	8	17	12	37	0	0	0	0	0	0	0
San Francisco city	159	92	7	18	0	17	10	11	0	0	0	0	0	0	0
San Francisco city	160	126	8	10	9	26	7	14	0	0	0	0	0	0	0
San Francisco city	161	197	8	67	4	16	0	56	0	0	0	0	0	0	0
San Francisco city	162.98	112	9	69	0	7	0	0	0	0	0	0	0	0	0
San Francisco city	163	44	2	23	0	0	4	0	0	0	0	0	0	0	0
San Francisco city	164	54	3	0	0	0	9	0	0	0	0	0	0	0	0
San Francisco city	165	198	9	41	13	16	17	0	0	0	0	0	0	0	0
San Francisco city	166	43	2	0	0	18	6	0	0	0	0	0	0	0	0
San Francisco city	167	57	2	17	14	6	6	0	0	0	0	0	0	0	0
San Francisco city	168.98	135	4	35	8	35	12	0	0	0	0	0	0	0	0
San Francisco city	169	85	5	30	0	6	0	0	0	10	0	0	0	0	0
San Francisco city	171	107	3	20	16	16	0	0	0	0	0	0	0	9	0
San Francisco city	176.02	20	6	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	176.98	204	14	61	48	11	6	19	0	0	0	0	0	0	0
San Francisco city	177	98	19	79	13	0	0	0	0	0	0	0	0	0	0
San Francisco city	178	777	37	33	133	536	0	0	0	0	0	0	0	0	0

County/Place (1)	Tract	Linguistically Isolated Households (3)	Linguistically Isolated Households By Language													
			Total	%	Spanish	Tagalog	Chinese	Vietnamese	Korean	Croatian	Czech	Polish	Hungarian			
San Francisco city	179.01	41	3	18	0	8	0	0	0	0	0	0	0	0	0	0
San Francisco city	201.98	620	38	439	26	51	23	30	8	0	0	0	0	0	0	13
San Francisco city	202.98	404	14	252	14	81	21	0	0	0	9	0	0	0	0	0
San Francisco city	203	135	8	90	7	9	0	9	0	0	0	0	0	0	0	0
San Francisco city	204	95	2	38	0	25	0	10	0	0	0	0	0	0	0	0
San Francisco city	206	118	4	80	0	6	0	0	0	0	0	0	0	0	0	0
San Francisco city	207	152	6	97	0	16	0	6	0	0	0	0	0	0	0	0
San Francisco city	208	789	34	596	27	105	28	11	0	0	0	0	0	0	0	0
San Francisco city	209	422	27	333	39	32	3	0	0	0	0	0	0	0	0	0
San Francisco city	210	249	12	170	25	8	0	0	0	0	0	0	0	0	0	0
San Francisco city	211	97	5	53	20	10	0	9	0	0	0	0	0	0	0	0
San Francisco city	213	46	4	16	0	17	0	0	0	0	0	0	0	0	0	0
San Francisco city	214	77	5	41	9	8	0	0	0	0	0	0	0	0	0	0
San Francisco city	215	120	5	86	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	216	71	3	7	0	40	0	0	0	0	0	0	0	0	0	0
San Francisco city	217	40	2	25	0	15	0	0	0	0	0	0	0	0	0	0
San Francisco city	218	85	5	44	4	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	226	23	11	0	6	6	0	0	0	0	0	0	0	0	0	0
San Francisco city	227	192	5	72	0	32	32	0	0	0	0	0	0	0	0	0
San Francisco city	228	594	19	469	17	86	0	0	0	0	0	0	0	0	0	0
San Francisco city	229	705	23	565	30	60	0	0	0	8	0	0	0	0	0	0
San Francisco city	230	384	13	42	0	317	9	0	0	0	0	0	0	0	0	0
San Francisco city	231	163	6	38	0	64	0	0	0	0	0	0	0	0	0	0
San Francisco city	232	54	5	14	0	34	0	0	0	0	0	0	0	0	0	0
San Francisco city	233	55	18	7	7	37	0	0	0	0	0	0	0	0	0	0
San Francisco city	234	70	8	10	0	33	27	0	0	0	0	0	0	0	0	0
San Francisco city	251	99	8	67	0	20	0	0	0	0	0	0	0	0	0	0
San Francisco city	252	244	12	120	49	24	0	8	0	0	0	0	0	0	0	6
San Francisco city	253	215	14	166	18	31	0	0	0	0	0	0	0	0	0	0
San Francisco city	254	466	13	277	63	92	15	0	0	0	0	0	0	0	0	0
San Francisco city	255	281	13	97	21	93	0	10	0	0	0	0	0	0	0	0
San Francisco city	256	203	14	53	26	92	7	0	0	0	0	0	0	0	0	0

County/Place (1)	Tract	Linguistically Isolated Households (3)	Linguistically Isolated Households By Language											
			Total	%	Spanish	Tagalog	Chinese	Vietnamese	Korean	Croatian	Czech	Polish	Hungarian	
San Francisco city	257	411	18	95	32	206	0	12	16	0	0	0	0	0
San Francisco city	258	85	17	12	31	42	0	0	0	0	0	0	0	0
San Francisco city	259	137	11	20	0	65	0	0	8	0	0	0	0	0
San Francisco city	260	706	16	310	62	256	0	0	0	0	0	0	0	0
San Francisco city	261	184	12	67	26	84	0	0	0	0	0	0	0	0
San Francisco city	262	265	16	103	50	90	0	0	0	0	0	0	0	4
San Francisco city	263	525	16	157	103	185	0	0	0	0	0	0	0	7
San Francisco city	264	793	20	55	46	534	22	0	7	0	0	9	0	0
San Francisco city	301.01	93	5	14	0	23	0	7	0	0	0	0	0	0
San Francisco city	301.02	86	5	17	0	40	0	0	0	0	0	0	0	0
San Francisco city	302	437	11	65	12	169	7	14	0	0	0	16	0	0
San Francisco city	303	239	7	10	0	161	0	11	0	0	0	0	0	0
San Francisco city	304	123	7	0	8	60	0	0	0	0	0	11	5	0
San Francisco city	305	88	9	5	5	23	0	0	0	0	0	0	0	0
San Francisco city	306	30	3	0	0	30	0	0	0	0	0	0	0	0
San Francisco city	307	102	4	43	0	35	0	0	0	0	0	0	0	0
San Francisco city	308	109	5	7	0	85	0	0	0	0	0	0	0	0
San Francisco city	309	98	4	10	0	73	0	0	0	0	0	0	7	0
San Francisco city	310	103	8	10	0	50	0	6	0	0	0	0	0	0
San Francisco city	311	191	8	63	5	94	6	0	0	7	0	0	0	0
San Francisco city	312	184	8	54	21	92	0	0	0	0	0	0	0	0
San Francisco city	313	207	8	55	10	142	0	0	0	0	0	0	0	0
San Francisco city	314	141	9	19	20	94	0	8	0	0	0	0	0	0
San Francisco city	326	440	14	26	0	250	0	0	0	0	0	14	0	0
San Francisco city	327	310	14	0	0	191	17	22	0	0	0	0	0	0
San Francisco city	328	433	16	15	16	245	6	0	0	0	0	0	0	0
San Francisco city	329	408	15	23	15	294	17	6	0	0	0	0	0	0
San Francisco city	330	291	11	15	0	165	0	14	0	0	0	0	0	0
San Francisco city	331	104	7	0	0	70	0	0	0	0	0	0	0	7
San Francisco city	332	307	8	37	7	41	0	116	0	0	0	0	0	0
San Francisco city	351	447	17	6	15	312	12	8	0	0	0	0	0	0
San Francisco city	352	607	17	10	24	369	18	0	0	0	0	0	0	0



County/Place (1)	Tract	Linguistically Isolated Households (3)	Linguistically Isolated Households By Language										
			Total	%	Spanish	Tagalog	Chinese	Vietnamese	Korean	Croatian	Czech	Polish	Hungarian
San Francisco city	353	217	10	5	0	146	7	13	0	0	0	9	0
San Francisco city	354	294	13	41	0	169	0	30	0	0	0	0	0
San Francisco city	401	395	21	0	0	233	29	15	0	6	0	0	0
San Francisco city	402	385	16	8	0	256	0	10	0	0	8	0	0
San Francisco city	426	530	17	11	0	276	23	45	0	0	0	0	0
San Francisco city	427	483	21	15	8	229	18	17	0	0	0	0	0
San Francisco city	428	25	3	0	0	12	0	0	0	6	0	0	0
San Francisco city	451	395	20	22	0	232	11	37	0	0	0	0	0
San Francisco city	452	509	19	30	14	339	13	29	0	0	0	0	0
San Francisco city	476	338	16	21	0	216	0	0	0	0	0	0	0
San Francisco city	477	533	16	20	6	322	16	0	0	0	0	0	0
San Francisco city	478	516	18	13	15	302	43	18	0	0	9	0	0
San Francisco city	479	594	15	19	0	364	19	26	0	0	0	0	0
San Francisco city	601	26	2	7	7	0	0	12	0	0	0	0	0
San Francisco city	604	63	7	25	0	5	0	0	0	0	0	0	0
San Francisco city	605	110	11	30	15	36	5	0	0	0	0	0	0
San Francisco city	606	13	13	0	0	13	0	0	0	0	0	0	0
San Francisco city	610	63	13	0	12	45	0	0	0	0	0	0	0

Table 4: Languages Spoken in Linguistically Isolated Households by Language by 1990 Census Tract

San Francisco County

County/Place (1)	Tract	Linguistically Isolated Households By Language												
		Italian	German	Japanese	Portuguese	French	Greek	Arabic	Cambodian	Armenian	Thai	Hindi	Russian	
San Francisco county (2)		1,109	413	1,278	134	648	73	271	116	143	165	126	1,680	
San Francisco city	101	15	0	0	0	7	0	7	0	0	0	0	0	
San Francisco city	102	28	0	22	0	9	0	0	0	0	0	0	0	
San Francisco city	103	30	0	0	0	11	0	0	0	0	0	0	0	
San Francisco city	104	40	0	0	0	11	0	0	0	0	0	0	0	
San Francisco city	106	0	7	0	7	0	0	0	0	0	0	0	0	
San Francisco city	107	54	0	7	0	0	0	0	0	0	0	0	0	
San Francisco city	108	8	0	0	0	0	0	0	0	0	0	0	0	
San Francisco city	109	19	0	15	0	0	0	0	0	0	0	0	10	
San Francisco city	110	10	0	26	0	7	0	0	0	0	0	0	0	
San Francisco city	111	0	9	8	0	11	0	0	0	0	0	11	0	
San Francisco city	112	0	0	7	0	0	0	0	0	0	0	0	0	
San Francisco city	113	0	0	0	0	0	0	0	0	0	0	0	0	
San Francisco city	114	0	0	0	0	0	0	0	0	0	0	0	0	
San Francisco city	115	0	0	0	0	0	0	0	0	0	0	0	0	
San Francisco city	116	6	0	7	0	6	0	0	0	0	0	0	0	
San Francisco city	117	0	7	8	0	0	0	0	0	0	0	0	0	
San Francisco city	118	0	0	0	0	7	0	0	0	0	0	0	0	
San Francisco city	119	0	11	18	0	24	0	0	0	0	0	0	0	
San Francisco city	120	0	9	7	0	12	0	12	0	5	11	8	16	
San Francisco city	121	27	0	0	0	10	0	0	10	0	0	0	0	
San Francisco city	122	0	0	0	0	27	0	12	0	0	7	16	15	
San Francisco city	123	16	0	73	0	0	0	0	0	0	0	11	0	
San Francisco city	124	0	0	11	12	0	12	0	8	0	18	0	12	
San Francisco city	125	22	11	0	0	0	12	0	50	0	0	16	0	
San Francisco city	126	18	8	34	0	0	0	0	0	0	0	0	0	

County/Place (1)	Tract	Linguistically Isolated Households By Language														
		Italian	German	Japanese	Portuguese	French	Greek	Arabic	Cambodian	Armenian	Thai	Hindi	Russian			
San Francisco city	127	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	128	11	0	4	0	9	0	0	0	0	0	0	0	0	0	0
San Francisco city	129	89	0	0	0	8	0	13	0	0	0	0	0	0	7	0
San Francisco city	130	38	0	0	11	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	131	9	11	22	9	21	0	0	0	0	0	0	0	0	12	0
San Francisco city	132	0	0	25	0	13	0	0	0	0	0	0	0	0	0	0
San Francisco city	133	0	0	0	0	4	0	0	0	0	0	0	0	0	52	0
San Francisco city	134	0	0	8	0	8	0	0	0	0	0	0	0	0	18	0
San Francisco city	135	0	6	26	0	6	0	0	0	0	0	0	0	0	0	0
San Francisco city	151	0	0	17	0	0	0	0	0	0	0	0	0	0	5	0
San Francisco city	152	10	14	57	0	0	0	0	0	0	0	0	0	0	14	0
San Francisco city	154	0	0	16	0	16	0	0	0	0	0	0	0	0	0	0
San Francisco city	155	11	8	191	0	15	0	9	0	0	0	0	0	0	0	0
San Francisco city	156	0	0	6	0	0	0	0	0	0	0	0	0	0	5	0
San Francisco city	157	0	0	8	0	0	0	8	0	0	0	0	0	0	6	0
San Francisco city	158	0	0	0	0	7	0	0	0	0	0	0	12	0	0	0
San Francisco city	159	0	0	22	6	0	0	0	0	0	0	0	0	0	8	0
San Francisco city	160	0	0	9	0	13	0	0	0	0	0	0	0	0	15	0
San Francisco city	161	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0
San Francisco city	162.98	0	7	0	0	0	0	0	0	0	16	0	0	0	0	0
San Francisco city	163	0	0	0	0	13	0	0	0	0	4	0	0	0	0	0
San Francisco city	164	0	0	11	0	7	0	0	0	0	0	0	19	0	0	0
San Francisco city	165	0	0	32	0	0	0	0	0	0	0	0	0	0	79	0
San Francisco city	166	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	167	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
San Francisco city	168.98	0	14	8	0	16	0	0	0	0	0	0	0	0	0	0
San Francisco city	169	17	0	13	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	171	20	0	6	0	11	0	0	0	0	0	0	0	0	0	0
San Francisco city	176.02	12	0	8	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	176.98	0	14	14	0	15	0	0	0	0	0	0	0	0	9	0
San Francisco city	177	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	178	0	0	28	0	0	0	0	0	0	12	0	0	0	0	27

County/Place (1)	Tract	Linguistically Isolated Households By Language														
		Italian	German	Japanese	Portuguese	French	Greek	Arabic	Cambodian	Armenian	Thai	Hindi	Russian			
San Francisco city	179.01	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	201.98	0	0	0	0	0	0	0	0	0	0	10	0	0	7	9
San Francisco city	202.98	0	0	0	0	9	8	0	0	0	0	0	0	0	0	0
San Francisco city	203	0	0	0	2	12	0	0	0	0	0	0	0	0	0	0
San Francisco city	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
San Francisco city	206	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	207	14	0	0	0	19	0	0	0	0	0	0	0	0	0	0
San Francisco city	208	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
San Francisco city	209	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
San Francisco city	210	0	0	0	0	19	0	0	0	0	0	0	0	0	0	7
San Francisco city	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
San Francisco city	213	0	0	0	0	7	0	0	0	0	0	0	0	0	0	6
San Francisco city	214	0	0	10	0	9	0	0	0	0	0	0	0	0	0	0
San Francisco city	215	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	216	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0
San Francisco city	217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	218	0	30	0	0	7	0	0	0	0	0	0	0	0	0	0
San Francisco city	226	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
San Francisco city	227	21	0	0	0	11	0	0	0	0	0	0	0	0	0	15
San Francisco city	228	0	0	0	0	9	0	0	0	0	0	0	0	0	0	13
San Francisco city	229	26	6	0	0	0	0	0	0	0	0	0	0	0	0	10
San Francisco city	230	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	231	0	0	0	0	0	0	0	0	0	0	0	23	22	0	0
San Francisco city	232	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
San Francisco city	233	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	234	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	251	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	252	7	7	0	0	8	0	0	0	0	0	0	0	0	0	0
San Francisco city	253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	254	0	7	0	0	0	0	0	0	0	0	12	0	0	0	0
San Francisco city	255	43	0	0	0	0	0	10	0	0	0	0	0	0	0	0
San Francisco city	256	12	0	0	0	0	0	7	0	0	0	0	0	0	0	0

County/Place (1)	Tract	Linguistically Isolated Households By Language												
		Italian	German	Japanese	Portuguese	French	Greek	Arabic	Cambodian	Armenian	Thai	Hindi	Russian	
San Francisco city	257	36	0	0	0	0	0	10	0	0	0	0	0	4
San Francisco city	258	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	259	37	0	0	0	0	0	0	0	0	0	7	0	0
San Francisco city	260	51	19	0	0	0	8	0	0	0	0	0	0	0
San Francisco city	261	0	0	7	0	0	0	0	0	0	0	0	0	0
San Francisco city	262	13	0	0	5	0	0	0	0	0	0	0	0	0
San Francisco city	263	31	0	0	9	0	0	8	0	0	0	10	8	9
San Francisco city	264	54	0	0	35	0	13	0	0	0	0	0	0	0
San Francisco city	301.01	5	0	9	0	0	0	0	0	0	0	0	0	0
San Francisco city	301.02	0	0	11	0	0	18	0	0	0	0	0	0	0
San Francisco city	302	9	10	36	0	9	0	8	0	29	0	0	0	39
San Francisco city	303	0	0	18	10	7	0	0	0	0	0	0	0	22
San Francisco city	304	0	5	0	0	0	0	0	0	7	0	0	0	19
San Francisco city	305	0	6	6	5	6	0	0	0	0	0	0	0	32
San Francisco city	306	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	307	0	6	18	0	0	0	0	0	0	0	0	0	0
San Francisco city	308	0	0	10	0	0	0	0	0	0	0	0	0	7
San Francisco city	309	0	0	0	0	0	0	0	0	0	0	0	0	8
San Francisco city	310	7	0	0	6	0	0	0	0	0	9	0	0	15
San Francisco city	311	7	0	0	0	0	0	9	0	0	0	0	0	0
San Francisco city	312	0	0	0	0	0	0	0	0	0	0	0	0	9
San Francisco city	313	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	314	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	326	0	18	30	0	18	7	8	0	18	0	0	0	42
San Francisco city	327	15	0	9	0	7	0	0	0	0	0	0	0	41
San Francisco city	328	23	11	14	0	0	12	16	0	10	0	0	0	43
San Francisco city	329	0	0	0	6	7	0	0	0	0	0	0	0	24
San Francisco city	330	7	0	8	0	0	0	19	0	9	8	0	0	30
San Francisco city	331	5	12	3	0	0	7	0	0	0	0	0	0	0
San Francisco city	332	8	6	33	0	0	0	12	0	0	0	0	0	40
San Francisco city	351	20	11	0	0	6	0	17	0	0	0	0	0	32
San Francisco city	352	18	25	7	15	0	0	24	0	0	11	0	0	70

County/Place (1)	Tract	Linguistically Isolated Households By Language														
		Italian	German	Japanese	Portuguese	French	Greek	Arabic	Cambodian	Armenian	Thai	Hindi	Russian			
San Francisco city	353	0	0	9	0	6	0	0	0	0	0	0	0	0	0	15
San Francisco city	354	0	0	28	0	0	0	18	0	0	0	0	0	0	0	0
San Francisco city	401	7	7	32	0	9	0	0	0	6	10	0	0	0	0	34
San Francisco city	402	0	10	6	0	11	0	0	0	10	0	0	0	0	0	66
San Francisco city	426	8	16	25	0	13	0	0	0	0	9	0	0	0	0	104
San Francisco city	427	9	0	19	0	0	0	0	0	11	0	0	0	0	0	148
San Francisco city	428	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
San Francisco city	451	0	11	20	0	0	0	0	0	0	0	0	0	0	0	51
San Francisco city	452	0	0	21	0	6	0	0	0	0	0	0	0	0	0	33
San Francisco city	476	0	0	26	8	0	0	0	0	0	10	0	0	0	0	49
San Francisco city	477	7	6	24	0	10	0	0	0	26	0	0	0	0	0	86
San Francisco city	478	0	16	8	0	10	0	0	0	0	0	0	0	0	0	82
San Francisco city	479	8	7	38	23	0	0	0	0	0	0	0	0	0	0	90
San Francisco city	601	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	604	0	0	7	14	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	605	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0
San Francisco city	606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco city	610	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0

**California Department of Finance, Demographic Research Unit**

Source: 1990 US Census - Planning Database File

- 1) For tracts that are split into more than one place, the place name is shown for the split part with the largest population.
- 2) The county's linguistically isolated households by language is the sum of the census tracts' linguistically isolated households by language for each county.
- 3) The sum of linguistically isolated households by language may not add up to the total number of linguistically isolated households due to the following reasons:
  - a) For any of the county's languages that is spoken in less than 50 households, the language is excluded from the table.
  - b) Only census tracts with 10 or more linguistically isolated households in at least one language are included.
  - c) If a census tract has 85 percent or more English-speaking households, the data for the linguistically isolated households by language are not reported by the Census Bureau.

# 1990 Linguistically Isolated Households San Francisco County by Census Tract

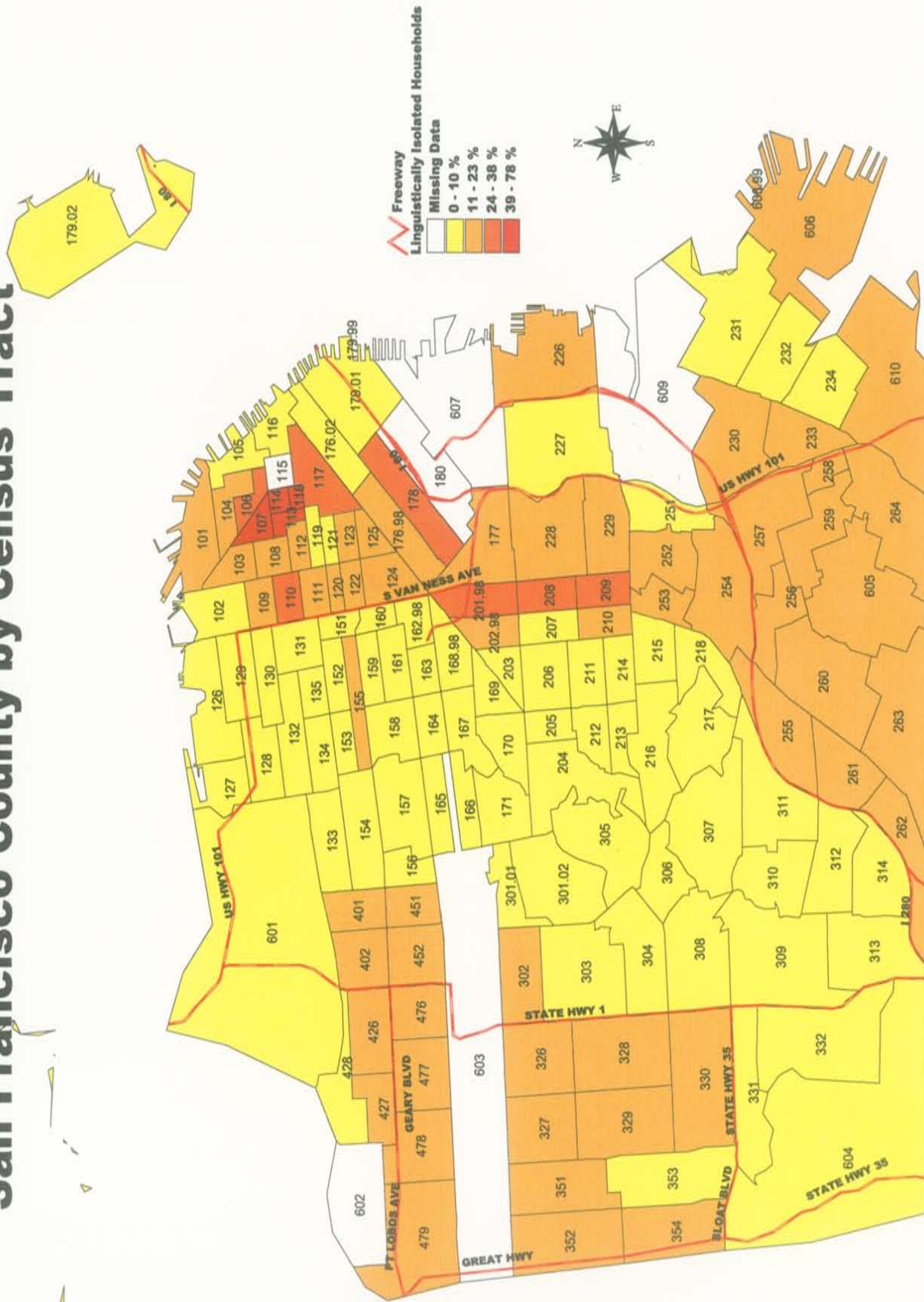


Table 5: Possible Census Tract Locations for Questionnaire Assistance Centers by Language

San Francisco County

Place (2)	Tract	Questionnaire Assistance Centers (QACs) (1)						
		English	Spanish	Tagalog	Chinese	Vietnamese	Korean	Japanese
San Francisco city	101				X			
San Francisco city	106				X			
San Francisco city	107				X			
San Francisco city	108				X			
San Francisco city	110				X			
San Francisco city	111				X			
San Francisco city	112				X			
San Francisco city	113				X			
San Francisco city	114				X			
San Francisco city	117	X			X			
San Francisco city	118				X			
San Francisco city	120	X		X	X			
San Francisco city	121	X						
San Francisco city	122	X	X		X			
San Francisco city	123	X			X	X		X
San Francisco city	124	X						
San Francisco city	125	X	X		X	X		
San Francisco city	155	X					X	X
San Francisco city	158	X						
San Francisco city	160	X						
San Francisco city	161	X						
San Francisco city	162.98	X						
San Francisco city	163	X						
San Francisco city	164	X						
San Francisco city	165	X						
San Francisco city	167	X						
San Francisco city	168.98	X						
San Francisco city	176.98	X						
San Francisco city	177	X	X	X				
San Francisco city	178			X	X			
San Francisco city	179.01	X						
San Francisco city	180	X						
San Francisco city	201.98	X	X					
San Francisco city	202.98	X						
San Francisco city	208	X	X					
San Francisco city	209	X	X					
San Francisco city	226	X						
San Francisco city	228	X	X					
San Francisco city	229	X	X					
San Francisco city	231	X						
San Francisco city	232	X						
San Francisco city	233	X		X	X			
San Francisco city	234	X						



Place (2)	Tract	Questionnaire Assistance Centers (QACs) (1)						
		English	Spanish	Tagalog	Chinese	Vietnamese	Korean	Japanese
San Francisco city	257		X		X			
San Francisco city	258	X		X	X			
San Francisco city	260		X		X			
San Francisco city	262		X	X	X			
San Francisco city	263		X	X	X			
San Francisco city	264				X			
San Francisco city	328				X			
San Francisco city	351				X			
San Francisco city	352				X			
San Francisco city	401				X	X		X
San Francisco city	402				X			
San Francisco city	426				X			
San Francisco city	427				X			
San Francisco city	451				X			
San Francisco city	452				X			
San Francisco city	476				X			
San Francisco city	477				X			
San Francisco city	478				X	X		
San Francisco city	479				X			
San Francisco city	605	X						
San Francisco city	606	X						

**California Department of Finance, Demographic Research Unit**

Source: 1990 US Census - Planning Database File

- 1) The Census Bureau used the following logical conditions to generate a list of census tracts for each county that could be used to help plan for placement of QACs:

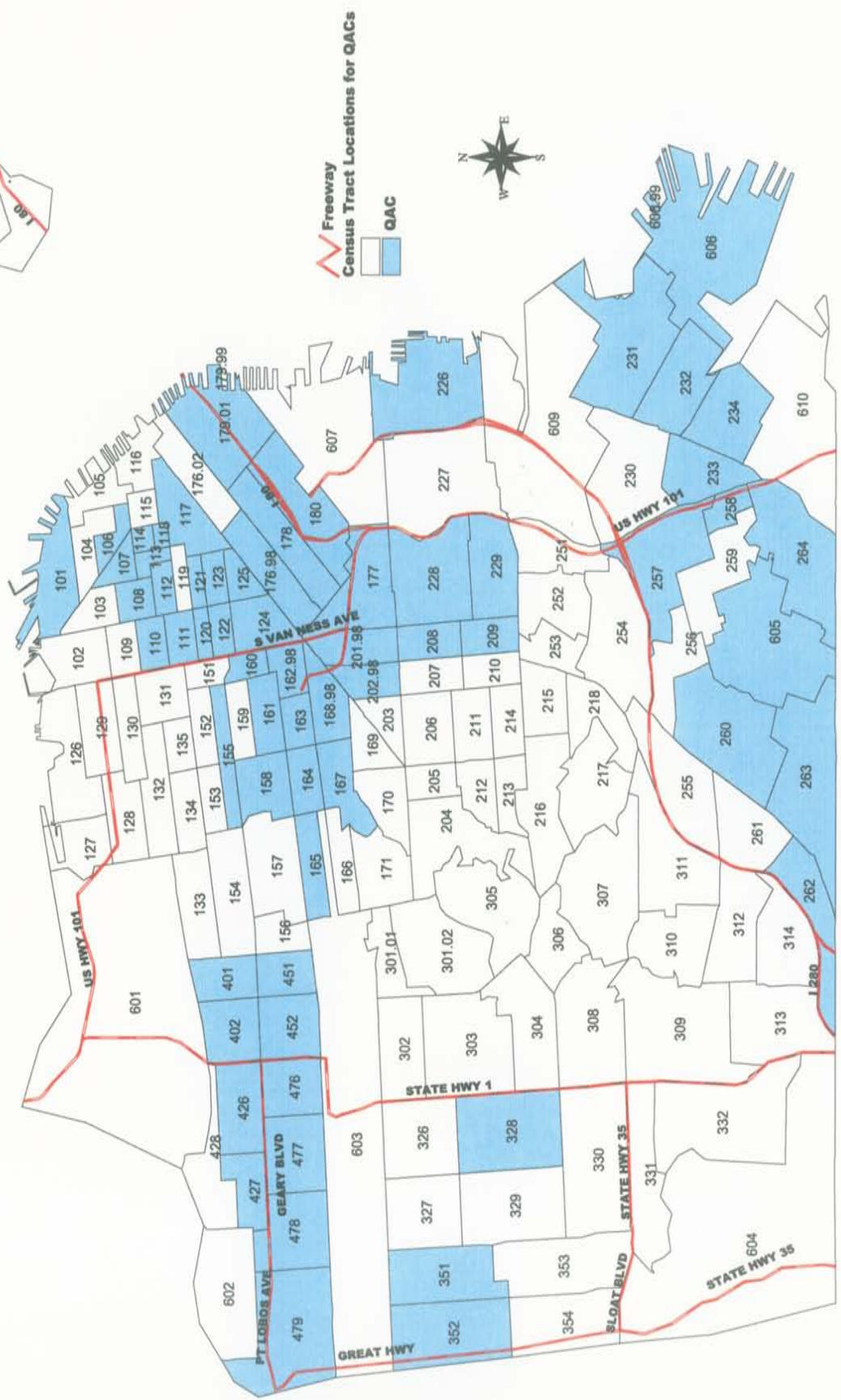
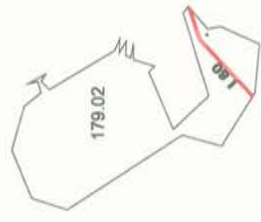
Logical condition 1: Total Population  $\geq$  250 and  
 Total Housing Units  $\geq$  100 and  
 Hard-to-Count (HTC) score  $\geq$  50 and  
 1990 Mail Non-return Rate  $\geq$  35%

Logical condition 2: American Indian/Eskimo/Aleut  $\geq$  30% or  
 Asian/Pacific Islander  $\geq$  30% or  
 Black/African American  $\geq$  40% or  
 Hispanic Origin  $\geq$  40%

Logical condition 3: Linguistically Isolated Households (LIHH)  $\geq$  15% and  
 Specific Language  $\geq$  15% or  
 the default percent for that group

- 2) For tracts that are split into more than one place, the place name is shown for the split part with the largest population.

# Suggested Locations for Questionnaire Assistance Centers San Francisco County by Census Tract



8 Miles

4

0

Table 6: Number of Persons Potentially Missed in the 1990 Census if only 6 Persons per Household had been Counted by the Census Bureau

San Francisco County

Area	Households of 7 or more persons	Number of persons potentially missed (1)							
		Total	White, not of Hispanic origin	Black, not of Hispanic origin	American Indian, Eskimo, Aleut, not of Hispanic origin	Pacific Islander, not of Hispanic origin	Asian or	Other race, not of Hispanic origin	Hispanic origin
San Francisco county	7,962	13,704	929	1,237	32	7,431	9	4,066	
San Francisco city	7,962	13,704	929	1,237	32	7,431	9	4,066	

California Department of Finance, Demographic Research Unit

Source: 1990 Census of Population and Housing, Summary Tape File 2B

(1) The 2000 census questionnaire can enumerate a maximum of 6 persons in each household. For larger households, the respondent is instructed to list the names of "others in the household". The Census Bureau plans to contact these households at a later date to obtain information about these people.

This table shows the hypothetical number of persons who would have been missed if "others in the household" had not been counted in the 1990 census. These estimates have not been adjusted for household growth to 2000.

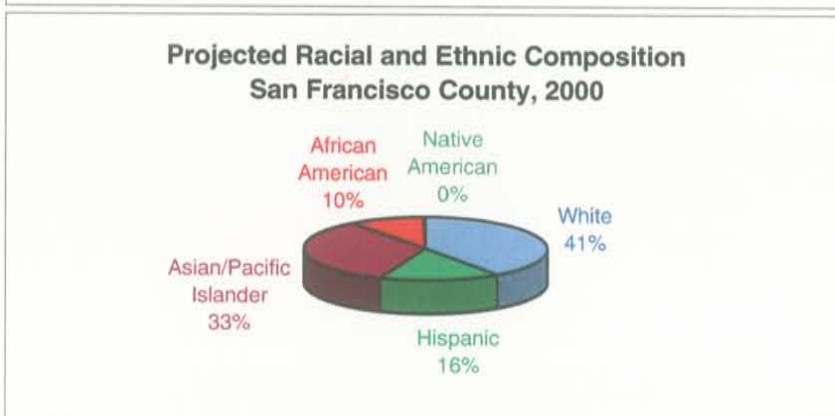
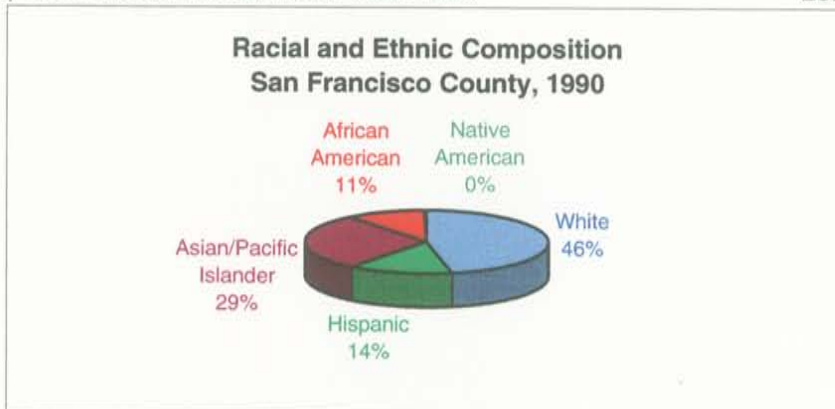
Note: Totals may not equal sum due to independent rounding.

## Table 7: San Francisco County Data Summary

	<u>1990 Census</u>	<u>projected 2000**</u>
Total Population	723,959	792,049
Adjusted Population*	745,580	816,105
Undercount	21,621	24,056
Undercount Rate	2.90%	2.95%
Total Housing Units	328,471	

Selected 1990 US Census Data Describing the Hard-to-Count Population

(1) Vacant Units	7.0 %
(2) 2 or more Housing Units in a Multi-Unit Structure	68.0 %
(3) Renter-occupied Unit	65.5 %
(4) Crowded: Occupied units with more than one person per room	10.7 %
(5) Households not in husband/wife families	67.1 %
(6) Occupied Units with No Telephone	2.6 %
(7) Not High School Graduate	22.0 %
(8) Persons below Poverty Level	12.7 %
(9) Households receiving Public Assistance	10.4 %
(10) Persons (16 or older) Unemployed	6.3 %
(11) Linguistically Isolated Household	12.3 %
(12) Householder moved in unit 1989-1990	23.7 %



\*NOTE: The adjusted population equals the total population plus the undercount.

\*\*2000 DATA: California Department of Finance, *County Population Projections with Age, Sex and Race/Ethnic Detail, 12/1998*  
2000 undercount data were projected using 1990 undercount rates and 2000 projected population by age and by race.

**Table 8: Major Languages Spoken by Students Learning English in San Francisco County Public Schools: 1990 and 1999**

	1990	1999	<u>Increase between 1990 and 1999</u>	
	<u>Total Students*</u>	<u>Total Students*</u>	<u>Numerical Increase</u>	<u>Total % Increase</u>
<b>Chinese**</b>	13,347	14,072	725	5%
<b>Spanish</b>	9,235	10,161	926	10%
<b>Pilipino (Tagalog)***</b>	2,541	1,693	-848	-33%
<b>Vietnamese</b>	2,171	1,387	-784	-36%
Russian	459	1,303	844	184%
Khmer (Cambodian)	617	528	-89	-14%
<b>Korean</b>	502	398	-104	-21%
Arabic	161	351	190	118%
Hindi	37	281	244	659%
Japanese	255	263	8	3%
Samoan	232	173	-59	-25%
Lao	292	133	-159	-54%
Burmese	0	127	127	NA
Thai	0	122	122	NA
Serbo-Croatian	0	98	98	NA
Portuguese	49	93	44	90%
Indonesian	3	63	60	2000%
Urdu	7	48	41	586%
French	3	31	28	933%
Punjabi	2	30	28	1400%
German	2	21	19	950%

Census forms are available upon request in the following languages:  
**Spanish, Chinese, Tagalog, Vietnamese, Korean**

\* Note: Total number of students identified as either an English Learner (Limited English Proficient) or as Fluent English Proficient. Languages reported are those with at least 20 students in 1999.

\*\* Note: The Chinese language group includes students identified as speaking Mandarin, Cantonese, Taiwanese, Chaozhou and Other Chinese languages.

\*\*\*Note: The Pilipino group includes students identified as speaking Tagalog, Ilocano, Cebuano, and Other Filipino Languages.

Data Source: California Department of Education, Language Census Report, 1989-90 and 1998-99  
 CALIFORNIA DEPARTMENT OF FINANCE, Demographic Research Unit, 12/1/99

**SAN FRANCISCO COUNTY**  
**TABLE 9: Race/Ethnicity Distribution of Students, Fall 1998**

District Name	Number of Students	Percent Distribution						
		American Indian	Asian	Black	Filipino	Hispanic	Pacific Islander	White
San Francisco County Office of Education	1,059	1	15	33	5	29	4	13
San Francisco Unified	61,042	1	42	16	7	21	1	12
<b>TOTAL</b>	<b>62,101</b>	<b>1</b>	<b>42</b>	<b>16</b>	<b>7</b>	<b>21</b>	<b>1</b>	<b>12</b>

TABLE 10. Recent Legal Immigrants: Cities of Intended Residence in San Francisco County

City	Number	Percent
SAN FRANCISCO	81761	100.00

Source: Data tapes of Immigration and Naturalization Service, U.S. Department of Justice, for Federal Fiscal Years 1990-1996.

Note: Upon request, more detailed information can be provided about recent immigrants (for example, zip codes of intended residence by county).

TABLE 11. Recent Legal Immigrants: Country of Birth for San Francisco County  
(Country of birth not listed if group size is less than 200 persons)

Rank	Country of Birth	Number	Percent
1	CHINA MAINLAND	20862	25.5
2	PHILIPPINES	10222	12.5
3	VIETNAM	5636	6.9
4	HONG KONG	5566	6.8
5	UKRAINE	4180	5.1
6	EL SALVADOR	3113	3.8
7	SOVIET UNION	3107	3.8
8	NICARAGUA	2521	3.1
9	IRELAND	2446	3.0
10	MEXICO	1993	2.4
11	RUSSIA	1866	2.3
12	UNITED KINGDOM	1372	1.7
13	TAIWAN	1059	1.3
14	JAPAN	934	1.1
15	INDIA	915	1.1
16	KOREA	851	1.0
17	BURMA	844	1.0
18	GUATEMALA	684	0.8
19	BELARUS	653	0.8
20	PERU	596	0.7
21	AZERBAIJAN	515	0.6
22	CANADA	501	0.6
23	IRAN	493	0.6
24	INDONESIA	476	0.6
25	FRANCE	472	0.6
26	GERMANY	472	0.6
27	MOLDOVA	373	0.5
28	ETHIOPIA	354	0.4
29	YEMEN	354	0.4
30	BRAZIL	353	0.4
31	THAILAND	328	0.4
32	JORDAN	318	0.4
33	MACAU	317	0.4
34	POLAND	279	0.3
35	MALAYSIA	274	0.3
36	PAKISTAN	274	0.3
37	UZBEKISTAN	246	0.3
38	ISRAEL	226	0.3
39	AUSTRALIA	217	0.3

Source: Data tapes of Immigration and Naturalization Service, U.S. Department of Justice, for Federal Fiscal Years 1990-1996.



TABLE 12. Recent Legal Immigrants: City of Intended Residence and Country of Birth for San Francisco County (Country of birth not listed if group size is less than 100 persons)

City	Country of Birth	Number
SAN FRANCISCO	ARGENTINA	111
	AUSTRALIA	217
	AZERBAIJAN	515
	BELARUS	653
	BOSNIA-HERZEGOVINA	103
	BRAZIL	353
	BURMA	844
	CAMBODIA	163
	CANADA	501
	CHINA MAINLAND	20862
	COLOMBIA	146
	CUBA	178
	EL SALVADOR	3113
	ETHIOPIA	354
	FIJI	147
	FRANCE	472
	GERMANY	472
	GUATEMALA	684
	HONDURAS	166
	HONG KONG	5566
	INDIA	915
	INDONESIA	476
	IRAN	493
	IRAQ	183
	IRELAND	2446
	ISRAEL	226
	ITALY	195
	JAPAN	934
	JORDAN	318
	KAZAKHSTAN	111
	KOREA	851
	LAOS	103
	LATVIA	103
	LEBANON	132
	MACAU	317
	MALAYSIA	274
	MEXICO	1993
	MOLDOVA	373
	MOROCCO	142
	NICARAGUA	2521
	NIGERIA	104
	OTHER ASIA	122
	PAKISTAN	274
	PERU	596
	PHILIPPINES	10222

	POLAND	279
	RUSSIA	1866
	SINGAPORE	112
	SOUTH AFRICA	119
	SOVIET UNION	3107
	SPAIN	132
	SWEDEN	112
	SWITZERLAND	118
	TAIWAN	1059
	THAILAND	328
	UKRAINE	4180
	UNITED KINGDOM	1372
	UZBEKISTAN	246
	VIETNAM	5636
	YEMEN	354
	YUGOSLAVIA	110

Source: Data tapes of Immigration and Naturalization Service, U.S. Department of Justice, for Federal Fiscal Years 1990-1996.

Note: The purpose of this table is to identify immigrant communities with at least 100 or more persons in a given city for Complete Count Committee outreach. Upon request, more detailed information can be provided about groups smaller than 100 persons.

TABLE 13: Recent Legal Immigration to California by County of Intended Residence, 1990-1996

County	Rank	Number	Percent
ALAMEDA	6	69,640	4.8
ALPINE	58	8	0.0
AMADOR	49	142	0.0
BUTTE	28	2,752	0.2
CALAVERAS	50	135	0.0
COLUSA	39	904	0.1
CONTRA COSTA	11	28,602	2.0
DEL NORTE	48	147	0.0
EL DORADO	37	1,037	0.1
FRESNO	10	30,536	2.1
GLENN	42	387	0.0
HUMBOLDT	40	820	0.1
IMPERIAL	17	11,608	0.8
INYO	51	128	0.0
KERN	16	13,505	0.9
KINGS	29	2,586	0.2
LAKE	41	425	0.0
LASSEN	52	106	0.0
LOS ANGELES	1	539,387	37.5
MADERA	33	1,820	0.1
MARIN	25	6,381	0.4
MARIPOSA	54	64	0.0
MENDOCINO	38	942	0.1
MERCED	22	8,527	0.6
MODOC	55	47	0.0
MONO	47	156	0.0
MONTEREY	15	14,649	1.0
NAPA	30	2,540	0.2
NEVADA	43	345	0.0
ORANGE	2	133,473	9.3
PLACER	34	1,666	0.1
PLUMAS	53	71	0.0
RIVERSIDE	12	26,305	1.8
SACRAMENTO	8	39,829	2.8
SAN BENITO	35	1,159	0.1
SAN BERNARDINO	9	32,971	2.3
SAN DIEGO	4	98,523	6.9
SAN FRANCISCO	5	81,761	5.7
SAN JOAQUIN	14	19,726	1.4
SAN LUIS OBISPO	31	2,483	0.2
SAN MATEO	7	41,162	2.9
SANTA BARBARA	18	11,370	0.8
SANTA CLARA	3	112,297	7.8
SANTA CRUZ	23	6,865	0.5
SHASTA	36	1,145	0.1
SIERRA	57	18	0.0
SISKIYOU	45	216	0.0
SOLANO	19	11,179	0.8
SONOMA	24	6,404	0.4
STANISLAUS	20	11,021	0.8
SUTTER	27	3,340	0.2
TEHAMA	44	244	0.0
TRINITY	56	33	0.0
TULARE	21	9,501	0.7
TUOLUMNE	46	197	0.0
VENTURA	13	22,408	1.6
YOLO	26	6,123	0.4
YUBA	32	2,089	0.1
UNKNOWN		14,843	1.0
CALIFORNIA		1,436,748	100.0

Source: Data tapes of U.S. Immigration and Naturalization Service, Federal Fiscal Years 1990-1996.

Components of Population Change: Births, Deaths and Net Migration

TABLE 14

**SAN FRANCISCO**

	YEAR	TOTAL POPULATION	NET CHANGE	BIRTHS	DEATHS	NET MIGRATION	PERCENT OF TOTAL (*)
TOTAL	1990 CENSUS	723,959					
	JULY 1990	727,890	3,931	2,421	1,940	3,450	
	JULY 1991	732,282	4,392	10,026	8,242	2,608	
	JULY 1992	740,486	8,204	9,886	8,246	6,564	
	JULY 1993	750,774	10,288	9,390	8,198	9,096	
	JULY 1994	753,079	2,305	8,911	7,886	1,280	
	JULY 1995	751,498	-1,581	8,826	7,848	-2,559	
	JULY 1996	768,244	16,746	8,451	7,735	16,030	
	JULY 1997	777,384	9,140	8,337	6,990	7,793	
WHITE	1990 CENSUS	338,578					47%
	JULY 1990	338,967	389	709	1,248	928	47%
	JULY 1991	335,208	-3,759	2,988	5,407	-1,340	46%
	JULY 1992	333,141	-2,067	2,826	5,297	404	45%
	JULY 1993	331,912	-1,229	2,705	5,160	1,226	44%
	JULY 1994	327,102	-4,810	2,619	4,915	-2,514	43%
	JULY 1995	320,641	-6,461	2,605	4,795	-4,271	43%
	JULY 1996	321,997	1,356	2,620	4,694	3,430	42%
	JULY 1997	320,044	-1,953	2,663	4,085	-531	41%
HISPANIC	1990 CENSUS	100,717					14%
	JULY 1990	101,689	972	535	155	592	14%
	JULY 1991	104,010	2,321	2,248	561	634	14%
	JULY 1992	106,894	2,884	2,277	571	1,178	14%
	JULY 1993	110,115	3,221	2,213	592	1,600	15%
	JULY 1994	112,186	2,071	2,021	555	605	15%
	JULY 1995	113,673	1,487	1,963	550	74	15%
	JULY 1996	117,963	4,290	1,862	599	3,027	15%
	JULY 1997	121,160	3,197	1,940	540	1,797	16%
ASIAN/ PACIFIC ISLANDER	1990 CENSUS	205,686					28%
	JULY 1990	207,969	2,283	810	272	1,745	29%
	JULY 1991	213,895	5,926	3,336	1,274	3,864	29%
	JULY 1992	220,984	7,089	3,374	1,283	4,998	30%
	JULY 1993	228,782	7,798	3,203	1,340	5,935	30%
	JULY 1994	234,197	5,415	3,101	1,324	3,638	31%
	JULY 1995	238,380	4,183	3,097	1,440	2,526	32%
	JULY 1996	248,427	10,047	3,012	1,452	8,487	32%
	JULY 1997	256,174	7,747	2,876	1,388	6,259	33%
BLACK	1990 CENSUS	76,343					11%
	JULY 1990	76,618	275	360	261	176	11%
	JULY 1991	76,515	-103	1,432	986	-549	10%
	JULY 1992	76,794	279	1,386	1,079	-28	10%
	JULY 1993	77,266	472	1,254	1,085	303	10%
	JULY 1994	76,899	-367	1,150	1,074	-443	10%
	JULY 1995	76,127	-772	1,134	1,045	-861	10%
	JULY 1996	77,127	1,000	940	971	1,031	10%
	JULY 1997	77,257	130	838	958	250	10%
NATIVE AMERICAN	1990 CENSUS	2,635					0%
	JULY 1990	2,647	12	7	4	9	0%
	JULY 1991	2,654	7	22	14	-1	0%
	JULY 1992	2,673	19	23	16	12	0%
	JULY 1993	2,699	26	15	21	32	0%
	JULY 1994	2,695	-4	20	18	-6	0%
	JULY 1995	2,677	-18	27	18	-27	0%
	JULY 1996	2,730	53	17	19	55	0%
	JULY 1997	2,749	19	20	19	18	0%

Source: CALIFORNIA DEPARTMENT OF FINANCE, Demographic Research Unit, Race/Ethnic Population Estimates: Components of Change for California Counties, April 1990 to July 1997.

## HOW TO USE THE COMPLETE COUNT COMMITTEE HANDBOOK

The California Department of Finance is providing this material to support the Complete Count Committee (CCC) program established by the US Census Bureau. The contents of this handbook will help CCC members to better understand the reasons for the 1990 undercount, locate the problem areas in their own county and also recognize some of the changes that have occurred in their county during the decade. This will aid efforts at the local level to reduce the undercount in Census 2000.

The handbook is divided into two sections: (1) maps, graphs and tables based on 1990 Census data and then, (2) those based on more recent data. The 1990 Census data were taken from the planning database file.<sup>1</sup> The planning database (PDB) is a resource tool developed by the Census Bureau to aid census partners and field management in the many planning activities for Census 2000. The PDB provides a systematic way to identify census tracts that are potentially hard-to-count, tracts that are likely to have low mail response rates in Census 2000 and tracts where Questionnaire Assistance Centers should be located. The PDB assembles a range of housing, demographic and socioeconomic variables that are correlated with mail response and undercounting.

The 1990 PDB data are somewhat limited, however, because they do not reflect the changes that have taken place in the past decade. The second part of the handbook includes more recent information on the county race/ethnic distribution, the languages spoken in the county and recent immigration patterns.

### Information Using 1990 Census Data

**Undercount** data from 1990 show Census Bureau estimates of who was missed in 1990 and where they were located. These estimates were made using a follow-up, independent survey of residential households. The Bureau compared the survey results with the actual census count to produce undercount estimates. In this packet, 1990 undercounts and undercount rates are shown for the State of California as well as for your county in various formats. The California undercount map shows the distribution of the undercount in census tracts across the State. Each dot represents 50 people. The California map of undercount rates by county displays how your county compares to other counties in the state. County undercount rates vary from 1.23% to 4.22%. Table 1a shows both the numerical undercount and the undercount rate for each county. Table 1b shows undercount data for cities within your county. The first 2 bar charts show the distribution of the county undercount and undercount rates by race and ethnicity. The undercount by age bar chart shows the percent of persons undercounted who were under 18 years of age or 18 and over for each of the 5 race/ethnic categories. The age distribution of the undercount is important: undercount estimates show that about 50% of the undercount at the national level consisted of children under 18; in California, 41% of those undercounted in 1990 were children. Race/ethnic groups with high percentages of undercounted children should receive special attention through school outreach programs.

The **1990 mail response rate** for your county is important because it indicates the magnitude of the follow-up work required by census enumerators to count people who did not respond to the questionnaire that they received in the mail. It is costly for the Census to make follow-up visits and data collected by enumerators are less accurate than data received on forms returned by mail. One job of the complete count committee is to increase the mail response rate. In general, hard-to-count census tracts have low mail returns rates. Some census tracts with low undercounts, however, may also have low mail return rates. These census tracts add to the undercount problem simply because they require the Census Bureau to spend significant time collecting the data in person. Increasing the mail response rate in tracts with low undercounts can release enumerators to

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<sup>1</sup> The planning database file uses 1990 Census geographical boundaries. The data are subject to sampling error. This packet used the version of the planning database released by the US Census on 11/18/99.

concentrate in the areas where an accurate count is more difficult. The mail response map highlights the areas in your county that have low mail response rates. Mail response rates for cities with a high undercount as well as for the cities in your county are listed in Table 1c.

**Race-ethnic maps** will aid you in your outreach efforts to target specific groups. Due to their historically high undercount rates, minority groups are especially important to target. While non-Hispanic Whites have lower undercount rates, they account for a significant share of the undercount due to the large numbers of non-Hispanic Whites in the California population. These maps will help you to tailor the message to participate in the Census to the different groups in your county.

The **hard-to-count score** summarizes the attributes of each tract in terms of potential enumeration difficulty. It was derived by the Census Bureau using 12 variables correlated with non-response and undercounting. It should be used as an indicator, or predictor, of tracts that need special attention in terms of enumeration difficulty. For more details on how the hard-to-count score was calculated, please see the hard-to-count score definition page. The 1990 hard-to-count score census tract map will provide you with an understanding of the location of hard-to-count tracts. Table 2 ranks the census tracts in your county by hard-to-count score.

Table 3 provides you with **selected characteristics from the 1990 census** along with the mail-response rate, undercount rate, and the hard-to-count score for each of your census tracts. This table lists most of the data used in the county maps.

People who do not speak English may have difficulty filling out their census form. People have an option to receive a census form in their own language if they speak Chinese, Spanish, Vietnamese, Korean or Tagalog, but they need to request the form in their language. The Census Bureau will send out an advance letter on March 8<sup>th</sup> to make people aware of this possibility. Complete Count Committees should work to make sure that people understand that they have to request the form themselves. The packet materials relating to **linguistically isolated households** will help you to identify the areas in your county where there are large numbers of non-English speaking residents. A linguistically isolated household is a household in which

- (a) no person age 14 years or over speaks only English and
- (b) no person age 14 years or over who speaks a language other than English speaks English "Very Well".<sup>2</sup>

The linguistically isolated household map shows the tracts in your county where there are greater concentrations of these households. Table 4 shows the languages spoken in linguistically isolated households in 1990.

To some extent, the undercount is due to the fact that the questionnaire is intimidating. Questionnaires printed in English present a problem to persons in linguistically isolated households. Lack of experience in filling out forms of any type can also make the questionnaire intimidating. To assist people in filling-out the questionnaire, **Questionnaire Assistance Centers** (QACs) will be strategically located throughout your county. Translation guides in more than 40 languages will be made available at QACs. Complete Count Committees will be instrumental in identifying appropriate locations for some of the Questionnaire Assistance Centers. The QAC map shows possible census tract locations for QACs. These tracts were selected by the Census Bureau using a set of criteria that included the hard-to-count score, the mail non-return rate<sup>3</sup>, the race/ethnic distribution and the proportion of linguistically isolated households. The language needs of each QAC are addressed in table 5, which lists QACs by census tract. In the footnotes to Table 5, the criteria used to select each tract are described. Using these tracts selected by the Census Bureau for QAC placement as a

<sup>2</sup> Note that all members of a linguistically isolated household are tabulated as linguistically isolated, including members under age 14 years who may speak only English.

<sup>3</sup> The mail return rate is similar to the mail response rate, except the mail return rate includes only occupied housing units in the denominator while the mail response rates includes vacant units as well.

guideline, CCC members should use their knowledge of their own county to target additional tracts in need of QACs.

The Census 2000 questionnaire will have space to collect complete data for up to six people in the household. Although additional people can be listed on the questionnaire, there is a **potential for members of a large household to be excluded** simply because of the restrictive nature of the questionnaire. Table 6 shows the number of households in 1990 with seven or more people by the city and census designated places in your county and the potential number of persons missed in 1990 if only 6 persons per household had been counted. CCC members need to encourage people in large households not only to send in the form but also to fill it out accurately and completely.

#### Information Using More Recent Data

Table 7, the **county data summary table**, gives projections for the total population, adjusted population, undercount, and undercount rate for the year 2000. Projected county undercounts were calculated using 1990 undercount rates and the projected 2000 population by race and by age.

**Updated numbers for the county race/ethnic distribution** are shown in three different formats. In Table 7, a pie chart showing the 1990 county race/ethnic distribution is compared with the projected 2000 distribution. In Table 14, annual county population estimates by race/ethnic group are reported from 1990 through 1997. Whether or not the county's race/ethnic profile differs by age group can be addressed by comparing the county projection and estimates with the school enrollment data in Table 9. These enrollment figures list the race/ethnic distribution of public school children by school for 1998. In order to target different race/ethnic groups effectively, the numbers from Tables 7, 9 and 14 can be used to gauge the amount of change in county population diversity that has taken place since the 1990 census. Changing composition of minority groups will affect the 2000 undercount, since different groups have different undercount rates, as well as the amount of effort that should be spent targeting each group.

Table 8 shows the changes from 1990 to 1999 in the number of **public school students who speak languages other than English** and are in the process of learning English as a second language in school. These data can be used to update the 1990 data on linguistically isolated households and will give committee members an idea of how language patterns in their county have changed over the decade. The recent data on children, both the language data and the race/ethnic distribution data, will help CCC members focus the school outreach program effectively.

**Recent immigrants** are a group that might not participate in the Census due to language difficulties or due to negative experiences with a census in their home country. Tables 10-13 show the number of legal immigrants who have established residence within your county between 1990 and 1996 as reported by the Immigration and Naturalization Service (INS). Not all cities are reported in these tables. This is because the INS records the place of intended residence only by zip code. For this project, zip codes were recoded to city name for the largest California cities. The label "Rest of County" includes unincorporated areas and cities not recoded from zip codes on the INS data tape. More detailed information on newly arrived immigrants (e.g., by zip code) is available on request.

## STRATEGIES FOR REDUCING THE CALIFORNIA UNDERCOUNT

The success of the complete count committee (CCC) undoubtedly depends on the ability of the committee members to effectively communicate with members of their respective communities. CCC members are selected because of their experience in effectively relating to and dealing with community problems. The census undercount is a community problem that requires the attention of community leaders.

### Suggestions for Complete Count Committees:

- 1. Geographically match undercount problems with resources.** Using the contents of this handbook, locate the census tracts with hard-to-count populations. Look for tracts with large numbers of undercounted persons, high undercount rates and low mail response rates. For each tract, enumerate the reasons that might account for persons not wanting to participate in the census. Secondly, list persons, agencies, groups, that might effectively deal with these problems. Examples are churches, schools, community-based organizations (CBO), etc.
- 2. Focus on schools and children.** Children accounted for 40% of the California undercount in 1990. The Census Bureau has a program designed for use by school teachers. The CCC can be instrumental in encouraging school boards, administrators, and teachers to use the program materials and do a good job of promoting the census through your schools. The CCC needs to make it clear that teachers need to request the free census material for use in their own classrooms. There are separate packets of materials available for grades K-4, grades 5-8 and grades 9-12. One goal of the CCC may be to make sure that each child attending school is aware that he or she should be counted on the census form. Special attention should also be given to students whose parents do not speak English.
- 3. Reduce the total undercount.** Minority groups on average have a higher undercount rate. The difference between the undercount of the minority groups and the White non-Hispanic group is referred to as the *differential undercount*. Most of the efforts made by CCCs are directed at targeting specific minority groups in order to reduce the differential undercount. Although the White non-Hispanic group has a lower undercount rate, the large numbers of undercounted non-Hispanic Whites contribute significantly to the total undercount. Keep in mind that to effectively reduce the *total undercount*, the White non-Hispanic undercount has to be decreased as well.
- 4. The undetected undercount.** The decennial census overcount/undercount is estimated using a follow-up, independent survey. The survey is conducted in selected blocks around the nation and focuses on blocks with residential households. Given the nature of the follow-up survey, it is difficult for the Census Bureau to adequately estimate the undercount of certain groups (e.g. migrant farm-workers, homeless, persons living in non-standard residential units). Although the numbers of people in these groups are small nationwide, it is possible that in a given county the numbers could be quite large. To the extent that your county has a significant number of persons in any or all of these groups, special attention should be given to ensure an accurate count.
- 5. Recruit workers.** Work with the Census Bureau to ensure that a sufficient number of workers are hired from hard-to-count neighborhoods.
- 6. Create an instructional video.** To the extent that your resources will allow it, create an instructional video in languages appropriate for your county. The video would instruct a person on how to complete the questionnaire and help the Census obtain the most accurate response for all individuals in the household. Make a suitable number of copies and make them available in video stores, questionnaire assistance centers and other locations.