

Commuter Forecasts
for the
San Francisco Bay Area
1990-2030

Based on ABAG Projections 2003 and Census 2000

Data Summary



Planning Section
Metropolitan Transportation Commission
101 Eighth Street
Oakland, California 94607
(510) 464-7700

May 2004

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I. INTRODUCTION & METHODOLOGY

The purpose of this data summary is to report “sketch planning” estimates of Bay Area and Northern California commuters for various years. These estimates are based on journey-to-work data from Census 2000; worker and employment forecasts prepared by the Association of Bay Area Governments from their *Projections 2003* series; and worker and employment forecasts prepared by MTC, ABAG, SACOG, AMBAG, SAAG, and SJCCOG¹ for non-Bay Area counties. Data is provided for years 1990, 2000, 2010, 2020 and 2030.

This data summary is an update to an MTC study conducted in 2000. That report “Commuter Forecasts for the San Francisco Bay Area: 1990-2020” (published October 2000) was based on ABAG’s Projections 2000, and 1990 Census journey-to-work data.

Census Data. The base data for this analysis is a 46 district-level matrix (district-of-residence to district-of-work) of total commuters based on Census 2000. Data is for total commuters, by all means of transportation including workers working at home. Data is not broken down by means of transportation. Workers absent for more than one week during the “census reference week” (e.g., last week of March 2000) are excluded from these journey-to-work commuter matrices. The 46 district-level commuter matrix was developed from the Census 2000 Census Transportation Planning Package (CTPP) data released May 2004.

These commuter matrices do not represent trips or trip-making. They are not vehicle driver commuters, since these values include walk commuters, transit commuters, bicycle commuters, vehicle passenger commuters, and workers working at home. They represent an estimated count of persons (workers) who reside in one area and work in another area.

Geography. The 46 districts include the MTC 34 superdistricts and 12 adjacent counties. Maps of the superdistricts and adjacent counties are included at the end of this report.

What is Sketch Planning? By “sketch planning” we mean the use of simplified planning techniques that minimize cost and labor. Sketch planning forecasts are intended as “rules of thumb” to provide the reader and transportation planner with a general picture of travel patterns. These “sketch planning” estimates are not based on the formal set of MTC travel demand forecasting models.

The purpose for these sketch planning forecasts is to serve as the basis for MTC estimates of interregional vehicle trips; as well as a general purpose description of commuting patterns – past, present and future – in the Bay Area and adjacent areas. They also are intended to help make sense out of employed resident and employment forecasts prepared by ABAG and others.

What is Fratar? The modeling technique used in this data summary is called “fratar.” The fratar technique is named after a 1950s-era traffic engineer, Thomas J. Fratar, who proposed this technique in the article “Forecasting Distribution of Interzonal Vehicular Trips by Successive

¹ MTC = Metropolitan Transportation Commission; ABAG = Association of Bay Area Governments; SACOG = Sacramento Area Council of Governments; AMBAG = Association of Monterey Bay Area Governments; SAAG = Stanislaus Area Association of Governments; SJCCOG = San Joaquin County Council of Governments.

Approximations.” (*Traffic and Operations*, 1954, pp. 376-384.) The popular fratar technique is common in most transportation planning computer software packages.²

Growth Factor Data. Growth factors for the MTC 34 superdistricts are based on ABAG’s Projections 2003 employed resident and total employment data summarized at the MTC 34 superdistrict level. Growth factors at the residence-end are calculated as the growth in employed residents base (2000) year to future year, divided by the Census 2000 workers at district-of-residence. Growth factors at the work-end are calculated as the growth in total employment, base (2000) year to future year, divided by the Census 2000 workers at district-of-work.

ABAG’s Projections 2003 is based, in part, on the Bay Area’s Smart Growth Vision process, completed in March 2002.

“ABAG’s policy-based Projections 2003 assigns growth potential to local jurisdictions following *approximately* the pattern that the Smart Growth Vision intended. While these projections do not meet the numerical goals of the Vision, they do push a change in the prevailing patterns of development. Local jurisdictions must undertake changes in their general plans and zoning ordinances, and the state and regional agencies must provide incentives to achieve these projections.... In a departure from previous regional forecasts produced by ABAG, Projections 2003 relies on proactive economic assumptions and land use policies.”

For external counties, employed resident forecasts are based on Census 2000 employed resident data, and California State Department of Finance’s official population forecasts (Table 7 and 8.) MTC staff assume an increased labor force participation rate, similar to the increases projected by ABAG for the Bay Area. Total employment in adjacent counties is based on Census 2000 journey-to-work data, and MTC estimates of employment based on the estimated employed residents in the Bay Area and external counties. Employed residents and total employment forecasts for the Monterey Bay Area and San Joaquin County were produced by ABAG, and adjusted by MTC. Total employment forecasts for Stanislaus County were produced by ABAG for SAAG. Total employment forecasts for Sacramento region counties (Yolo, Sacramento, Placer) are based on projections by SACOG.

The employed resident and total employment estimates included in Tables 8 and 9 are estimates and adjustments by MTC staff and are not to be construed as official forecasts for Bay Area neighbor counties.

² The fratar technique is dependent on an input, “seed” commuter matrix (or trip table) and a set of growth factors for every row and column in the matrix. Row data is typically the district or zone of residence; column data is typically the district or zone of work. Row data growth factors are based on the ratio of future year to base year employed residents. Column data growth factors are based on the ratio of future year to base year total employment. The base year seed matrix is first multiplied by the column factors, and then multiplied by the row factors to obtain a first iteration result. For the second iteration, the columns are adjusted to match the “desired” column totals, and then the rows are adjusted to match the “desired” row totals. This process is repeated for several iterations until the analyst is satisfied that the “modeled” column totals at the end of any iteration are sufficiently close enough to the “desired” column totals. The fratar technique is inherently insensitive to changes in travel times and travel costs that may modify these patterns. In addition, the fratar technique is unable to change district-to-district interchanges that have zero trips in the base matrix. This is less of a problem given that this analysis is conducted at a fairly aggregate, district level.

II. ANALYSIS OF RESULTS: GENERAL

Results of these commuter estimates are included in Table 1 through 17 and Appendix Table A.1. The detailed county-to-county commuter data for all twenty-one Northern California counties is included as Table A.1. (Detailed, 46-by-46 district commuter matrices are available as a 41-page Table A.6 electronic supplement.)

Summary of commuter data by residence superdistrict and county is shown in Tables 1 and 2. Superdistrict-of-residence and external county-of-residence data is shown in Table 1 for 1990, 2000, 2010, 2020 and 2030. Bay Area county-of-residence summaries are provided in Table 2. To re-iterate, the number of commuters will be less than the number of employed residents, due to weekly absenteeism of employed residents.

Summary commuter data by work-end superdistrict and county is provided in Tables 3 and 4. Superdistrict-of-work and external county-of-work data is in Table 3. Bay Area county-of-work and totals for Bay Area neighbor counties is provided in Table 4.

The net number of out-commuters by superdistrict and county is shown in Tables 5 and 6. Net out-commuters are defined as the number of workers by superdistrict (or county) of residence, less the number of workers by superdistrict (or county) of work. Negative values indicate a net in-commute to the sub-area (e.g., downtown San Francisco or Silicon Valley); positive values indicate a net out-commute from the sub-area (e.g., “bedroom” communities.) Negative values indicate an imbalance where the number of local jobs exceeds the number of local workers. Positive values indicate an imbalance where the number of local workers exceeds the number of local jobs.

Data for Bay Area neighbor counties is provided in Tables 7 through 13. The total population projections shown in Table 7 are provided by the California State Department of Finance, from their 2001 projections update. Data for 2030 are MTC extrapolations of 2025 DOF forecasts. Employed residents and total employment data, Tables 8 and 9, are estimates made by MTC staff, not official estimates produced or adopted by the State of California or neighbor metropolitan planning organizations. Estimates of net out-commute (employed labor force less total employment) is shown in Table 10. Percent growth in total population, employed residents and total employment is shown in Tables 11 through 13.

In-commuters to the Bay Area, by MTC 34 superdistrict-of-work, are shown in Table 14. The share of jobs that are held by external county workers is also shown in Table 14. In 2000, the largest number of in-commuters worked in superdistrict #9 (Sunnyvale / Mountain View) at 16.7 thousand out of 345.4 thousand commuters, or 4.8 percent of the jobs in this “Silicon Valley” superdistrict. The second largest number of in-commuters commuted to jobs in eastern Alameda County superdistrict #15, at 15.5 thousand in-commuters out of 113.6 thousand total commuters (a 13.6 percent share of jobs).

Out-commuters from the Bay Area, by MTC 34 superdistrict-of-residence, are shown in Table 15. The largest number and share of Bay Area resident commuters working outside the region is northern Solano County, MTC superdistrict #26 (Fairfield/Vacaville.) In 2000, 8.3 out of 107.9 thousand northern Solano County workers commuted to jobs outside the nine-county Bay Area, primarily to jobs in Yolo and Sacramento Counties. These forecasts show a modest, reasonable increase in out-commuting from Bay Area households to jobs in neighboring counties. The Bay

Area's "gross out-commute" is projected to increase from 26,700 in 2000 to nearly 41,500 commuters by the year 2030.

The last two tables provide perspective from Bay Area neighbor counties. The number of resident commuters in neighbor counties, in-commuters from neighbor counties to Bay Area jobs, and the share of neighbor counties' workers commuting to Bay Area jobs is shown in Table 16. The total number of neighbor county workers commuting to Bay Area jobs is projected to nearly double between 2000 and 2030, from 117 thousand in-commuters to 220 thousand in-commuters. The share of neighbor county labor force working in Bay Area jobs is projected to increase from 7.7 percent of their labor force in 2000 to 9.1 percent of neighbor county labor force by the year 2010. This share is projected to decline to 8.7 percent of neighbor county labor force by the year 2030.

According to Census 2000, San Joaquin County passed Santa Cruz County as the Bay Area county with the highest number of resident workers commuting to jobs in the Bay Area, at 34 thousand out of 212 thousand commuters (an 16.1 percent share.) San Joaquin is projected to have the highest in-commute to the Bay Area by the year 2030, with 65 thousand out of 363 thousand San Joaquin County resident workers expected to hold Bay Area jobs.

San Benito County has the historically (and projected) highest share of resident workers commuting to Bay Area jobs, increasing from 24.5 percent of workers according to the 1990 Census to 42.1 percent of workers by the year 2030. Note that new metropolitan area definitions based on Census 2000 will include both Santa Cruz and San Benito Counties in the eleven-county Bay Area "Combined Statistical Area" (CSA) – the "San Jose-San Francisco-Oakland CSA". This is based on the high level of commutation between San Benito and Santa Clara, and between Santa Cruz and Santa Clara.

Out-commute from the Bay Area to neighbor counties is summarized in Table 17. The total number of out-commuters is shown to increase from 26.7 thousand commuters in 2000 to 41.5 thousand commuters by the year 2030. The share of external county jobs held by Bay Area resident workers is expected to remain steady at about 1.8 percent of neighboring county jobs.

Sacramento and Yolo Counties have the largest number of jobs held by Bay Area resident commuters. Bay Area residents working in Sacramento is shown to increase from 7.7 thousand commuters in 2000 to 13.0 thousand commuters by the year 2030. Bay Area residents working in Yolo is shown to increase from 4.6 thousand commuters in 2000 to 8.4 thousand commuters by the year 2030.

III. ANALYSIS OF RESULTS: BAY AREA GATEWAYS

The following sections are highlights of these commuter forecasts at various Bay Area gateways, including the various Bay Area bridges and gateways into and out of the region.

1. San Francisco / Oakland Bay Bridge (I-80 Westbound and BART Transbay Tube)

Total Commuters

1990	2000	2010	2020	2030
131,600	148,500	183,900	217,700	238,400

- 1990-2000 +16,900 commuters +12.8%, +1.2%/year
- 2000-2030 +89,900 commuters +60.5%, +1.6%/year

The Bay Bridge and BART in the westbound direction is the largest commute market in the Bay Area. The Bay Bridge corridor has the highest level of transit commuting in the region, with BART, ferries, and AC Transit providing services from East Bay communities to San Francisco. The “reverse” commute in the Bay Bridge corridor is the largest reverse commute market in the Bay Area, but is still only 20 percent of the westbound commute numbers (30,900 reverse commuters in 2000, growing to 34,200 reverse commuters by 2030).

2. Altamont Pass (I-580 Westbound)

Total Commuters

1990	2000	2010	2020	2030
29,800	46,900	74,600	78,300	90,100

- 1990-2000 +17,100 commuters +57.4%, +4.6%/year
- 2000-2030 +43,200 commuters +92.1%, +2.2%/year

The Altamont Pass commute from the Central Valley of California to the Bay Area is the fastest growing commute market in the Bay Area. Commuting over Altamont increased by over 57 percent between 1990 and 2000, representing a 4.6 percent per year growth in commute travel.

Caltrans traffic count data shows a 50.1 percent increase in AM peak period westbound traffic over Altamont Pass, increasing from 10,800 vehicles (6:00-9:00 AM) in FY 1990 to 14,800 vehicles in FY 1999. This represents a 4.6 percent per year increase in traffic over this nine-year period.

3. Sunol Grade (I-680 Southbound)

Total Commuters

1990	2000	2010	2020	2030
32,500	51,600	82,400	84,200	90,100

- 1990-2000 +19,100 commuters +58.8%, +4.7%/year
- 2000-2030 +38,500 commuters +74.6%, +1.9%/year

The Sunol Grade is an emerging commute in Southern Alameda County. This modest freeway separates Pleasanton from Fremont, and is the conduit for commuters from Eastern Alameda County, the San Joaquin Valley and Danville/San Ramon area of Contra Costa County to jobs in Fremont, Milpitas and Silicon Valley.

Caltrans traffic counts show a 47.2 percent increase in AM southbound traffic on I-680 at the Sunol Grade, increasing from 17,700 vehicles per five-hour (5:00-10:00 AM) time period in 1991 to 23,100 vehicles per five-hour AM period in 1997. This amounts to a 6.7 percent per year annual growth rate. Census data suggests that commuting over the Sunol Grade was about 59 percent between 1990 and 2000.

4. Alameda / Santa Clara County Line (I-680 and I-880 Southbound)

Total Commuters

1990	2000	2010	2020	2030
62,900	88,600	123,200	123,000	131,400

- 1990-2000 +25,700 commuters +40.9%, +3.5%/year
- 2000-2030 +42,800 commuters +48.3%, +1.3%/year

This Fremont to South Bay corridor is the second largest commute market in the Bay Area. Two freeways and Santa Clara Valley express buses serve this fast growing commute corridor.

Caltrans traffic counts show a 42.4 percent growth in AM southbound travel on I-880 at the Alameda/Santa Clara County line, increasing from 9,531 vehicles per three-hour AM peak period (6:00-9:00 AM) in FY '91 to 13,575 vehicles per three-hour AM peak period in FY '99. This is a 4.0 percent per year increase in traffic, which compares favorably to the 3.5 percent per year increase in commuters derived from the 1990 and 2000 Censuses.

5. Caldecott Tunnel (Cal-24 Westbound and BART Berkeley Hills Tunnel)

Total Commuters

1990	2000	2010	2020	2030
65,000	66,700	87,500	97,500	99,400

- 1990-2000 +1,700 commuters +2.6%, +0.3%/year
- 2000-2030 +32,700 commuters +49.0%, +1.3%/year

The Caldecott Tunnel and BART Tunnel between central Contra Costa County and Alameda County is one of the largest commute corridors in the Bay Area, though it is not experiencing the high growth rates shown in other major gateways. The “reverse” commute through the Caldecott corridor is about 20 percent of the prime direction (westbound AM) commute.

A substantial increase in Caldecott Tunnel commuting is projected over the next twenty years. This is due to high levels of employment growth projected in San Francisco and Oakland, and continued residential development in central and eastern Contra Costa County.

6. Dublin Canyon (I-580 Westbound and BART)

Total Commuters

1990	2000	2010	2020	2030
22,100	30,600	44,100	51,000	58,800

- 1990-2000 +8,500 commuters +38.5%, +3.3%/year
- 2000-2030 +28,200 commuters +92.2%, +2.2%/year

In-commuters from the San Joaquin Valley and eastern Alameda County have spurred commute growth in this I-580 freeway and BART corridor. This corridor serves jobholders in Hayward, Oakland, San Francisco and San Mateo.

7. Carquinez Strait (I-80 and I-680 Southbound)

Total Commuters

1990	2000	2010	2020	2030
57,200	66,500	95,200	99,000	99,500

- 1990-2000 +9,300 commuters +16.3%, +1.5%/year
- 2000-2030 +33,300 commuters +49.6%, +1.4%/year

The Benicia-Martinez Bridge (I-680), the Carquinez Bridge (I-80), the Vallejo-San Francisco Ferry and the Antioch Bridge serve the commute from Solano, Napa, Yolo and Sacramento Counties to the central Bay Area.

8. Yolo / Solano County Line (I-505, I-80 Southbound)

Total Commuters

1990	2000	2010	2020	2030
13,600	18,600	23,700	24,600	28,600

- 1990-2000 +5,000 commuters +36.8%, +3.2%/year
- 2000-2030 +10,000 commuters +53.8%, +1.4%/year

Census data shows a robust 3.2 percent per year growth in commuting from the Central Valley to the Bay Area via I-80 and I-505 at the northeastern corner of the Bay Area. This projection shows an even more modest 1.4 percent per year growth between 2000 and 2030.

9. Golden Gate (US-101 Southbound)

Total Commuters

1990	2000	2010	2020	2030
48,000	46,000	59,200	50,500	42,600

- 1990-2000 -2,000 commuters -4.2%, -0.4%/year
- 2000-2030 -3,400 commuters -7.4%, -0.2%/year

Historically one of the largest commute markets in the Bay Area, the Golden Gate corridor has shown an actual decrease in the total number of commuters since 1990. This is due to increased job growth in Marin and Sonoma Counties, and modest increases in the North Bay labor force. Modest increases in total commuters over the Golden Gate are projected from 2000 to 2020. These values include commuters from Marin, Sonoma and Mendocino Counties to San Francisco, San Mateo and Santa Clara Counties.

The 2010 commute forecasts for the Golden Gate corridor appear on the high side. A more reasonable forecast is that future year commuters through the Golden Gate corridor will range between 45,000 and 55,000 average daily southbound commuters.

10. Commuting to San Francisco

Total Commuters to San Francisco, by Direction of In-Commute

	1990	2000	2010	2020	2030
San Francisco Residents	299,900	321,900	328,600	362,000	402,800
Golden Gate Corridor	42,100	39,200	49,600	43,100	36,800
Bay Bridge Corridor	121,800	137,600	169,300	199,700	218,600
Peninsula Corridor	87,000	80,600	81,100	95,400	101,700
TOTAL, to San Francisco	550,800	579,300	628,600	700,200	759,900

The above table illustrates the “push-pull” nature of these commuter estimates. Between 1990 and 2000, the major “pull” is the increase in jobs in the South Bay and Silicon Valley. The major

“push” is the number of new suburban commuters residing in the Central Valley, Contra Costa and Solano Counties. Workers living in Tracy and Manteca fill jobs in Livermore and Pleasanton; resident workers in Livermore and Pleasanton fill jobs in Hayward, Oakland and Fremont; resident workers in Hayward, Oakland and Fremont fill jobs in San Francisco and Silicon Valley. More San Franciscans are also finding jobs in Silicon Valley!

The net result is a substantial increase in transbay commuters from the East Bay to San Francisco, and modest losses in commuters across the Golden Gate and up the Peninsula to San Francisco jobs. Census data also shows a substantial increase in the number of San Franciscans living-and-working in San Francisco, increasing from 300 thousand commuters in 1990 to 322 thousand commuters in the year 2000. The 1990 Census shows that San Francisco resident workers hold 54 percent of San Francisco jobs. The MTC 2030 forecasts indicate that San Francisco resident workers will hold 53 percent of San Francisco jobs, a slight decrease in share.

Detailed County-of-Residence to San Francisco as the county of work is shown in Table A.2.

10. Commuting to Santa Clara County (“Silicon Valley”)

Total Commuters to Santa Clara County, by Direction of In-Commute

	1990	2000	2010	2020	2030
Santa Clara County Residents	710,600	727,900	762,400	932,300	1,031,200
Peninsula Corridor	53,000	73,600	83,100	80,200	79,800
Monterey Bay	23,800	35,400	53,500	54,100	64,500
East Bay	60,300	81,900	108,200	109,500	116,900
San Joaquin Valley	9,200	16,500	30,400	28,900	31,300
TOTAL, to San Francisco	856,900	935,200	1,037,600	1,205,000	1,323,600

Census data shows that Santa Clara County – the proverbial Silicon Valley – added about 78 thousand jobs in the decade of the 1990s. This represents a 9 percent increase in commuters to Santa Clara over the past ten years, or a 0.9 percent per year increase. The largest share of Santa Clara County commuters (83 percent in 1990, decreasing to 78 percent by the year 2030) are resident Santa Clara County commuters who live-and-work in Santa Clara.

After the intra-county commute, the East Bay counties to Santa Clara is the largest in-commute market to Silicon Valley jobs, increasing from 60 thousand commuters in 1990 to nearly 82 thousand commuters in 2000. This is projected to increase to nearly 117 thousand commuters by the year 2030. The commute south from the peninsula to Santa Clara County is the third largest commute market, increasing from 53 thousand commuters in 1990 to nearly 74 thousand commuters by the year 2000. Projected growth in commuters from the Peninsula to jobs in Santa Clara County is very modest due to the “pull” effect of San Francisco jobs desirable to Peninsula resident workers.

According to the 1990 Census, resident workers from the Monterey Bay area fill less than 3.0 percent of Santa Clara County jobs. This share increased to 3.8 percent of Santa Clara County jobs in Census 2000, and is projected to increase 4.9 percent of Santa Clara County jobs by the year 2030.

Commuting from the Central Valley to jobs in Santa Clara County, via either Pacheco Pass (Cal-152) or Altamont Pass (I-580 & I-680), is the smallest in-commute market to Santa Clara County jobs. According to Census 2000, resident workers hold 1.8 percent of Santa Clara County jobs from the Great Central Valley. This is projected to increase to nearly 2.4 percent of jobs by the year 2030.

Detailed County-of-Residence to Santa Clara as the county of work is shown in Table A.3.

IV. WRAP-UP

These sketch planning forecasts are intended as an overview to changing commute patterns in the Bay Area and Northern California. Demographers and economists predict growth in labor force by place-of-residence and growth in jobs by place-of-work. Transportation planners can use this information to estimate changes in commute patterns relative to known base year values. In this case, year 2000 commuter data from Census 2000 journey-to-work databases serve as the basis for these estimates.

These commuter forecasts may be useful in understanding commute trends before they occur, and to understand the commute implications of imbalanced growth between housing and jobs, both inside and external to the Bay Area. Rather than “self-fulfilling prophecies,” these commuter forecasts should serve as an early warning signal of potential transportation problems due to imbalanced development patterns.

These commuter forecasts are not available by means of transportation. The impact of these commute estimates on transit ridership, vehicle commute times and vehicle delay cannot be directly estimated using these forecasts. These commuter forecasts cannot be directly validated against existing traffic counts or transit ridership data, so the user should be aware of the limitations of this analysis.

Questions or comments on these commuter forecasts should be directed to Mr. Chuck Purvis, senior transportation planner/analyst at MTC, at (510) 464-7731, or e-mail: cpurvis@mtc.ca.gov.

Table 1
Growth in Workers by Residence District / County, 1990-2030
Northern California 46 Superdistrict Level

SD Name	Commuters by Residence District/County				
	1990	2000	2010	2020	2030
1 Downtown San Francisco	54,427	64,940	68,719	77,230	90,765
2 Richmond District	113,081	125,849	127,463	134,605	141,957
3 Mission District	142,859	156,969	161,501	181,368	210,798
4 Sunset District	61,042	67,451	67,777	71,753	74,754
5 Daly City / San Bruno	136,451	141,305	146,814	164,958	172,813
6 San Mateo / Burlingame	105,550	104,668	112,053	124,873	129,425
7 Redwood City / Menlo Park	100,106	106,243	112,829	129,268	137,948
8 Palo Alto / Los Altos	87,364	86,088	83,357	101,541	110,509
9 Sunnyvale / Mountain View	115,756	122,465	127,509	163,006	184,777
10 Saratoga / Cupertino	161,489	155,670	153,099	178,195	185,921
11 Central San Jose	122,736	133,816	149,408	200,429	241,650
12 Milpitas / East San Jose	153,416	170,933	177,974	222,384	247,731
13 South San Jose / Almaden	105,571	110,265	108,883	128,602	134,250
14 Gilroy / Morgan Hill	37,348	45,662	54,137	66,356	75,329
15 Livermore / Pleasanton	72,925	87,340	118,559	141,790	171,886
16 Fremont / Union City	140,589	149,514	172,839	196,917	225,631
17 Hayward / San Leandro	141,775	159,837	178,749	200,749	222,015
18 Oakland / Alameda	184,920	195,842	216,106	259,081	307,085
19 Berkeley / Albany	75,080	82,443	89,622	102,437	114,512
20 Richmond / El Cerrito	98,381	105,571	120,803	136,942	146,885
21 Concord / Martinez	106,224	110,140	129,082	144,276	159,457
22 Walnut Creek / Lamorinda	66,291	65,394	75,245	81,975	86,948
23 Danville / San Ramon	49,210	58,431	73,660	87,437	97,854
24 Antioch / Pittsburg	75,075	99,285	131,063	155,078	169,050
25 Vallejo / Benicia	61,635	64,715	78,510	89,117	100,665
26 Fairfield / Vacaville	91,719	107,891	148,642	176,748	198,163
27 Napa	34,692	39,505	45,151	50,842	53,632
28 St. Helena / Calistoga	15,521	17,485	18,798	19,083	19,303
29 Petaluma / Sonoma	69,215	80,387	95,238	101,852	105,350
30 Santa Rosa / Sebastopol	88,738	105,326	127,442	139,800	146,272
31 Healdsburg / Cloverdale	29,903	37,911	47,575	50,756	52,035
32 Novato	29,579	27,781	32,470	35,666	37,271
33 San Rafael	52,138	53,213	58,693	59,983	61,176
34 Mill Valley / Sausalito	41,790	44,569	48,634	50,452	52,382
35 Mendocino County	33,592	37,296	44,847	50,690	56,703
36 Lake County	16,391	19,662	26,233	32,143	38,153
37 Colusa County	6,001	6,466	10,272	14,238	18,243
38 Yolo County	62,231	74,145	92,724	112,404	127,433
39 Sacramento County	471,811	525,895	640,480	728,241	788,401
40 Placer County	76,874	110,620	167,425	191,840	211,886
41 San Joaquin County	186,579	211,619	273,537	322,588	362,670
42 Stanislaus County	145,630	168,150	214,602	243,851	268,909
43 Merced County	65,266	70,140	95,207	114,878	134,912
44 San Benito County	16,212	23,010	34,488	39,368	44,378
45 Monterey County	151,133	162,508	199,220	243,535	278,600
46 Santa Cruz County	112,389	125,269	153,526	180,993	209,044
Total Northern California	4,366,705	4,819,684	5,610,965	6,500,318	7,205,531

Table 2
Growth in Workers by Residence District / County, 1990-2030
Bay Area Counties and Neighboring Counties

County / Subregion	<u>Commuters by Residence District/County</u>				
	1990	2000	2010	2020	2030
San Francisco	371,409	415,209	425,460	464,956	518,274
San Mateo	342,107	352,216	371,696	419,099	440,186
Santa Clara	783,680	824,899	854,367	1,060,513	1,180,167
Alameda	615,289	674,976	775,875	900,974	1,041,129
Contra Costa	395,181	438,821	529,853	605,708	660,194
Solano	153,354	172,606	227,152	265,865	298,828
Napa	50,213	56,990	63,949	69,925	72,935
Sonoma	187,856	223,624	270,255	292,408	303,657
Marin	123,507	125,563	139,797	146,101	150,829
Bay Area	3,022,596	3,284,904	3,658,404	4,225,549	4,666,199
Neighbor Counties	1,344,109	1,534,780	1,952,561	2,274,769	2,539,332
Northern California	4,366,705	4,819,684	5,610,965	6,500,318	7,205,531

Table 3
Growth in Workers by Work District / County, 1990-2030
Northern California 46 Superdistrict Level

SD Name	Commuters by Work District/County				
	1990	2000	2010	2020	2030
1 Downtown San Francisco	316,356	348,890	383,202	422,958	451,611
2 Richmond District	85,026	82,827	84,975	95,240	104,476
3 Mission District	123,354	121,157	133,931	151,369	170,205
4 Sunset District	26,099	26,379	26,523	30,673	33,610
5 Daly City / San Bruno	126,374	131,312	143,136	174,881	195,165
6 San Mateo / Burlingame	78,967	89,883	98,236	114,379	122,751
7 Redwood City / Menlo Park	104,401	125,662	137,069	150,425	159,242
8 Palo Alto / Los Altos	121,288	129,146	136,377	146,826	152,545
9 Sunnyvale / Mountain View	312,916	345,387	377,287	421,255	446,729
10 Saratoga / Cupertino	120,598	121,575	135,113	149,494	159,601
11 Central San Jose	127,252	145,530	164,765	202,092	240,194
12 Milpitas / East San Jose	85,486	106,898	119,251	144,104	158,204
13 South San Jose / Almaden	50,649	47,004	53,100	65,580	77,006
14 Gilroy / Morgan Hill	38,671	39,704	51,743	75,630	89,317
15 Livermore / Pleasanton	81,592	113,608	141,282	167,618	205,889
16 Fremont / Union City	99,178	131,309	156,400	186,215	214,013
17 Hayward / San Leandro	133,307	131,715	147,827	170,071	184,871
18 Oakland / Alameda	200,356	197,857	230,910	260,856	287,942
19 Berkeley / Albany	97,145	101,619	109,738	114,525	118,317
20 Richmond / El Cerrito	64,288	60,908	72,643	82,410	96,068
21 Concord / Martinez	99,290	97,776	109,284	120,091	140,281
22 Walnut Creek / Lamorinda	71,865	76,067	84,264	86,854	91,654
23 Danville / San Ramon	44,863	54,251	66,906	78,082	81,015
24 Antioch / Pittsburg	36,865	46,487	58,528	83,202	101,382
25 Vallejo / Benicia	52,869	41,649	49,667	59,213	69,174
26 Fairfield / Vacaville	62,865	80,359	95,286	111,855	134,126
27 Napa	31,498	37,640	47,085	54,570	58,294
28 St. Helena / Calistoga	15,309	21,872	22,535	23,204	23,312
29 Petaluma / Sonoma	46,322	68,209	76,867	93,006	109,644
30 Santa Rosa / Sebastopol	103,637	106,083	131,163	152,253	170,063
31 Healdsburg / Cloverdale	13,816	24,991	27,897	32,040	35,074
32 Novato	20,806	24,747	29,200	38,344	42,129
33 San Rafael	50,438	55,381	59,221	63,458	66,270
34 Mill Valley / Sausalito	32,934	41,749	44,026	48,931	54,345
35 Mendocino County	33,292	37,252	43,091	49,216	55,160
36 Lake County	14,626	16,396	21,310	26,378	31,358
37 Colusa County	5,827	6,030	9,990	14,020	18,010
38 Yolo County	65,742	82,406	103,980	124,317	139,271
39 Sacramento County	476,744	521,503	636,901	728,976	788,732
40 Placer County	63,224	101,145	155,510	181,013	200,946
41 San Joaquin County	174,558	190,359	239,347	287,174	317,109
42 Stanislaus County	135,515	151,442	184,656	210,309	230,269
43 Merced County	60,937	60,460	77,130	95,401	113,378
44 San Benito County	12,488	15,227	19,144	23,212	27,208
45 Monterey County	147,174	155,409	184,605	230,270	259,260
46 Santa Cruz County	99,898	106,426	129,865	158,329	180,309
Total Northern California	4,366,705	4,819,686	5,610,966	6,500,319	7,205,529

Table 4
Growth in Workers by Work District / County, 1990-2030
Bay Area Counties and Neighboring Counties

County / Subregion	<u>Commuters by Work District/County</u>				
	1990	2000	2010	2020	2030
San Francisco	550,835	579,253	628,631	700,240	759,902
San Mateo	309,742	346,857	378,441	439,685	477,158
Santa Clara	856,860	935,244	1,037,636	1,204,981	1,323,596
Alameda	611,578	676,108	786,157	899,285	1,011,032
Contra Costa	317,171	335,489	391,625	450,639	510,400
Solano	115,734	122,008	144,953	171,068	203,300
Napa	46,807	59,512	69,620	77,774	81,606
Sonoma	163,775	199,283	235,927	277,299	314,781
Marin	104,178	121,877	132,447	150,733	162,744
Bay Area	3,076,680	3,375,631	3,805,437	4,371,704	4,844,519
Neighbor Counties	1,290,025	1,444,055	1,805,529	2,128,615	2,361,010
Northern California	4,366,705	4,819,686	5,610,966	6,500,319	7,205,529

Table 5
Change in Net Out-Commute by District / County, 1990-2030
Northern California 46 Superdistrict Level

SD Name	Out-Commuters by Work District/County				
	1990	2000	2010	2020	2030
1 Downtown San Francisco	-261,929	-283,950	-314,483	-345,728	-360,846
2 Richmond District	28,055	43,022	42,488	39,365	37,481
3 Mission District	19,505	35,812	27,570	29,999	40,593
4 Sunset District	34,943	41,072	41,254	41,080	41,144
5 Daly City / San Bruno	10,077	9,993	3,678	-9,923	-22,352
6 San Mateo / Burlingame	26,583	14,785	13,817	10,494	6,674
7 Redwood City / Menlo Park	-4,295	-19,419	-24,240	-21,157	-21,294
8 Palo Alto / Los Altos	-33,924	-43,058	-53,020	-45,285	-42,036
9 Sunnyvale / Mountain View	-197,160	-222,922	-249,778	-258,249	-261,952
10 Saratoga / Cupertino	40,891	34,095	17,986	28,701	26,320
11 Central San Jose	-4,516	-11,714	-15,357	-1,663	1,456
12 Milpitas / East San Jose	67,930	64,035	58,723	78,280	89,527
13 South San Jose / Almaden	54,922	63,261	55,783	63,022	57,244
14 Gilroy / Morgan Hill	-1,323	5,958	2,394	-9,274	-13,988
15 Livermore / Pleasanton	-8,667	-26,268	-22,723	-25,828	-34,003
16 Fremont / Union City	41,411	18,205	16,439	10,702	11,618
17 Hayward / San Leandro	8,468	28,122	30,922	30,678	37,144
18 Oakland / Alameda	-15,436	-2,015	-14,804	-1,775	19,143
19 Berkeley / Albany	-22,065	-19,176	-20,116	-12,088	-3,805
20 Richmond / El Cerrito	34,093	44,663	48,160	54,532	50,817
21 Concord / Martinez	6,934	12,364	19,798	24,185	19,176
22 Walnut Creek / Lamorinda	-5,574	-10,673	-9,019	-4,879	-4,706
23 Danville / San Ramon	4,347	4,180	6,754	9,355	16,839
24 Antioch / Pittsburg	38,210	52,798	72,535	71,876	67,668
25 Vallejo / Benicia	8,766	23,066	28,843	29,904	31,491
26 Fairfield / Vacaville	28,854	27,532	53,356	64,893	64,037
27 Napa	3,194	1,865	-1,934	-3,728	-4,662
28 St. Helena / Calistoga	212	-4,387	-3,737	-4,121	-4,009
29 Petaluma / Sonoma	22,893	12,178	18,371	8,846	-4,294
30 Santa Rosa / Sebastopol	-14,899	-757	-3,721	-12,453	-23,791
31 Healdsburg / Cloverdale	16,087	12,920	19,678	18,716	16,961
32 Novato	8,773	3,034	3,270	-2,678	-4,858
33 San Rafael	1,700	-2,168	-528	-3,475	-5,094
34 Mill Valley / Sausalito	8,856	2,820	4,608	1,521	-1,963
35 Mendocino County	300	44	1,756	1,474	1,543
36 Lake County	1,765	3,266	4,923	5,765	6,795
37 Colusa County	174	436	282	218	233
38 Yolo County	-3,511	-8,261	-11,256	-11,913	-11,838
39 Sacramento County	-4,933	4,392	3,579	-735	-331
40 Placer County	13,650	9,475	11,915	10,827	10,940
41 San Joaquin County	12,021	21,260	34,190	35,414	45,561
42 Stanislaus County	10,115	16,708	29,946	33,542	38,640
43 Merced County	4,329	9,680	18,077	19,477	21,534
44 San Benito County	3,724	7,783	15,344	16,156	17,170
45 Monterey County	3,959	7,099	14,615	13,265	19,340
46 Santa Cruz County	12,491	18,843	23,661	22,664	28,735
Total Northern California	0	-2	-1	-1	2

Table 6
Change in Net Out-Commute by District / County, 1990-2020
Bay Area Counties and Neighboring Counties

County / Subregion	<u>Commuters by Work District/County</u>				
	1990	2000	2010	2020	2030
San Francisco	-179,426	-164,044	-203,171	-235,284	-241,628
San Mateo	32,365	5,359	-6,745	-20,586	-36,972
Santa Clara	-73,180	-110,345	-183,269	-144,468	-143,429
Alameda	3,711	-1,132	-10,282	1,689	30,097
Contra Costa	78,010	103,332	138,228	155,069	149,794
Solano	37,620	50,598	82,199	94,797	95,528
Napa	3,406	-2,522	-5,671	-7,849	-8,671
Sonoma	24,081	24,341	34,328	15,109	-11,124
Marin	19,329	3,686	7,350	-4,632	-11,915
Bay Area	-54,084	-90,727	-147,033	-146,155	-178,320
Neighbor Counties	54,084	90,725	147,032	146,154	178,322
Northern California	0	-2	-1	-1	2

Table 7**Projected Growth in Total Population in Bay Area Neighbor Counties, 2000-2030**

	2000	2010	2020	2030
35 Mendocino County	87,400	103,200	116,700	130,000
36 Lake County	59,100	77,600	93,000	110,000
37 Colusa County	19,100	29,200	39,200	48,000
38 Yolo County	165,220	209,035	247,905	285,000
39 Sacramento County	1,218,860	1,459,952	1,646,045	1,750,000
40 Placer County	237,145	336,805	396,785	434,000
41 San Joaquin County	566,600	700,095	821,851	940,000
42 Stanislaus County	454,600	557,300	628,400	700,000
43 Merced County	214,400	266,700	322,700	380,000
44 San Benito County	54,500	72,000	86,800	100,000
45 Monterey County	408,700	493,100	590,700	675,000
46 Santa Cruz County	259,300	311,900	370,600	425,000
Neighbor Counties	3,744,925	4,616,887	5,360,686	5,977,000

Source: State Department of Finance (Interim County Population Projections, June 2001) & MTC WAG for 2030

Table 8**Estimated Employed Residents in Bay Area Neighbor Counties, 2000-2030**

	2000	2010	2020	2030
35 Mendocino County	38,638	46,000	52,000	58,000
36 Lake County	20,540	27,000	33,000	39,000
37 Colusa County	7,237	11,000	15,000	19,000
38 Yolo County	76,814	95,000	115,000	130,000
39 Sacramento County	548,125	660,000	750,000	810,000
40 Placer County	118,903	175,000	200,000	220,000
41 San Joaquin County	219,239	280,000	330,000	370,000
42 Stanislaus County	174,456	220,000	250,000	275,000
43 Merced County	75,336	100,000	120,000	140,000
44 San Benito County	23,667	35,000	40,000	45,000
45 Monterey County	169,131	205,000	250,000	285,000
46 Santa Cruz County	129,392	157,000	185,000	213,000
Neighbor Counties	1,601,478	2,011,000	2,340,000	2,604,000

Source: Census 2000, and MTC estimates for most counties; ABAG forecasts for Monterey Bay and San Joaquin Counties.

Table 9**Estimated Employment in Bay Area Neighbor Counties, 2000-2030**

	2000	2010	2020	2030
35 Mendocino County	41,000	47,000	53,000	59,000
36 Lake County	18,000	23,000	28,000	33,000
37 Colusa County	7,000	11,000	15,000	19,000
38 Yolo County	93,000	115,000	135,000	150,000
39 Sacramento County	562,000	680,000	770,000	830,000
40 Placer County	115,000	170,000	195,000	215,000
41 San Joaquin County	208,000	258,000	305,000	335,000
42 Stanislaus County	166,000	200,000	225,000	245,000
43 Merced County	66,000	83,000	101,000	119,000
44 San Benito County	17,000	21,000	25,000	29,000
45 Monterey County	170,000	200,000	245,000	274,000
46 Santa Cruz County	116,000	140,000	168,000	190,000
Neighbor Counties	1,579,000	1,948,000	2,265,000	2,498,000

Source: 2000 Census Journey-to-Work, and MTC Estimates for Future Years.

ABAG forecasts for Monterey Bay, San Joaquin and Stanislaus Counties

Table 10**Net Out-Commute from Bay Area Neighbor Counties, 2000-2030**

	2000	2010	2020	2030
35 Mendocino County	-2,362	-1,000	-1,000	-1,000
36 Lake County	2,540	4,000	5,000	6,000
37 Colusa County	237	0	0	0
38 Yolo County	-16,186	-20,000	-20,000	-20,000
39 Sacramento County	-13,875	-20,000	-20,000	-20,000
40 Placer County	3,903	5,000	5,000	5,000
41 San Joaquin County	11,239	22,000	25,000	35,000
42 Stanislaus County	8,456	20,000	25,000	30,000
43 Merced County	9,336	17,000	19,000	21,000
44 San Benito County	6,667	14,000	15,000	16,000
45 Monterey County	-869	5,000	5,000	11,000
46 Santa Cruz County	13,392	17,000	17,000	23,000
Neighbor Counties	22,478	63,000	75,000	106,000

Negative values imply net in-commute (jobs greater than employed residents.)

Table 11
Percent Change in Total Population, Relative to 2000

	2000-2010	2000-2020	2000-2030
35 Mendocino County	18.1%	33.5%	48.7%
36 Lake County	31.3%	57.4%	86.1%
37 Colusa County	52.9%	105.2%	151.3%
38 Yolo County	26.5%	50.0%	72.5%
39 Sacramento County	19.8%	35.0%	43.6%
40 Placer County	42.0%	67.3%	83.0%
41 San Joaquin County	23.6%	45.0%	65.9%
42 Stanislaus County	22.6%	38.2%	54.0%
43 Merced County	24.4%	50.5%	77.2%
44 San Benito County	32.1%	59.3%	83.5%
45 Monterey County	20.7%	44.5%	65.2%
46 Santa Cruz County	20.3%	42.9%	63.9%
Neighbor Counties	23.3%	43.1%	59.6%

Source: State Department of Finance (Interim County Population Projections, June 2001) & MTC WAG for 2030

Table 12
Percent Change in Estimated Employed Residents, Relative to 2000

	2000-2010	2000-2020	2000-2030
35 Mendocino County	19.1%	34.6%	50.1%
36 Lake County	31.5%	60.7%	89.9%
37 Colusa County	52.0%	107.3%	162.5%
38 Yolo County	23.7%	49.7%	69.2%
39 Sacramento County	20.4%	36.8%	47.8%
40 Placer County	47.2%	68.2%	85.0%
41 San Joaquin County	27.7%	50.5%	68.8%
42 Stanislaus County	26.1%	43.3%	57.6%
43 Merced County	32.7%	59.3%	85.8%
44 San Benito County	47.9%	69.0%	90.1%
45 Monterey County	21.2%	47.8%	68.5%
46 Santa Cruz County	21.3%	43.0%	64.6%
Neighbor Counties	25.6%	46.1%	62.6%

Source: Census 2000, and MTC estimates for most counties; ABAG forecasts for Monterey Bay and San Joaquin Counties.

Table 13
Percent Change in Estimated Total Employment, Relative to 2000

	2000-2010	2000-2020	2000-2030
35 Mendocino County	14.6%	29.3%	43.9%
36 Lake County	27.8%	55.6%	83.3%
37 Colusa County	57.1%	114.3%	171.4%
38 Yolo County	23.7%	45.2%	61.3%
39 Sacramento County	21.0%	37.0%	47.7%
40 Placer County	47.8%	69.6%	87.0%
41 San Joaquin County	24.0%	46.6%	61.1%
42 Stanislaus County	20.5%	35.5%	47.6%
43 Merced County	25.8%	53.0%	80.3%
44 San Benito County	23.5%	47.1%	70.6%
45 Monterey County	17.6%	44.1%	61.2%
46 Santa Cruz County	20.7%	44.8%	63.8%
Neighbor Counties	23.4%	43.4%	58.2%

Source: 2000 Census Journey-to-Work, and MTC Estimates for Future Years.
ABAG forecasts for Monterey Bay, San Joaquin and Stanislaus Counties

Table 14

In-Commuting to Bay Area 34 Superdistricts and Counties, 2000 - 2030

SD of Work		2000 Commuters			2010 Commuters			2020 Commuters			2030 Commuters		
Superdistrict Name		InCommute	Total	% In	InCommute	Total	% In	InCommute	Total	% In	InCommute	Total	% In
1	Downtown San Francisco	3,237	348,890	0.9%	4,801	383,202	1.3%	5,069	422,958	1.2%	5,554	451,611	1.2%
2	Richmond District	580	82,827	0.7%	851	84,975	1.0%	899	95,240	0.9%	992	104,476	0.9%
3	Mission District	1,292	121,157	1.1%	2,043	133,931	1.5%	2,206	151,369	1.5%	2,526	170,205	1.5%
4	Sunset District	250	26,379	0.9%	363	26,523	1.4%	399	30,673	1.3%	443	33,610	1.3%
5	Daly City / San Bruno	2,372	131,312	1.8%	3,596	143,136	2.5%	4,145	174,881	2.4%	4,919	195,165	2.5%
6	San Mateo / Burlingame	1,219	89,883	1.4%	1,858	98,236	1.9%	2,013	114,379	1.8%	2,338	122,751	1.9%
7	Redwood City / Menlo Park	2,875	125,662	2.3%	4,393	137,069	3.2%	4,273	150,425	2.8%	4,776	159,242	3.0%
8	Palo Alto / Los Altos	3,964	129,146	3.1%	6,008	136,377	4.4%	5,347	146,826	3.6%	5,794	152,545	3.8%
9	Sunnyvale / Mountain View	16,708	345,387	4.8%	26,258	377,287	7.0%	23,833	421,255	5.7%	25,924	446,729	5.8%
10	Saratoga / Cupertino	7,407	121,575	6.1%	11,530	135,113	8.5%	10,478	149,494	7.0%	11,834	159,601	7.4%
11	Central San Jose	9,618	145,530	6.6%	15,633	164,765	9.5%	15,392	202,092	7.6%	18,710	240,194	7.8%
12	Milpitas / East San Jose	5,034	106,898	4.7%	8,295	119,251	7.0%	8,092	144,104	5.6%	9,043	158,204	5.7%
13	South San Jose / Almaden	2,672	47,004	5.7%	4,565	53,100	8.6%	4,618	65,580	7.0%	5,709	77,006	7.4%
14	Gilroy / Morgan Hill	6,631	39,704	16.7%	12,006	51,743	23.2%	15,520	75,630	20.5%	18,919	89,317	21.2%
15	Livermore / Pleasanton	15,470	113,608	13.6%	22,713	141,282	16.1%	24,976	167,618	14.9%	30,789	205,889	15.0%
16	Fremont / Union City	5,598	131,309	4.3%	9,132	156,400	5.8%	9,694	186,215	5.2%	11,131	214,013	5.2%
17	Hayward / San Leandro	5,793	131,715	4.4%	8,670	147,827	5.9%	9,240	170,071	5.4%	10,142	184,871	5.5%
18	Oakland / Alameda	4,558	197,857	2.3%	6,968	230,910	3.0%	7,175	260,856	2.8%	7,887	287,942	2.7%
19	Berkeley / Albany	1,350	101,619	1.3%	1,915	109,738	1.7%	1,826	114,525	1.6%	1,904	118,317	1.6%
20	Richmond / El Cerrito	743	60,908	1.2%	1,041	72,643	1.4%	1,108	82,410	1.3%	1,392	96,068	1.4%
21	Concord / Martinez	1,753	97,776	1.8%	2,204	109,284	2.0%	2,286	120,091	1.9%	2,887	140,281	2.1%
22	Walnut Creek / Lamorinda	1,117	76,067	1.5%	1,446	84,264	1.7%	1,396	86,854	1.6%	1,567	91,654	1.7%
23	Danville / San Ramon	2,185	54,251	4.0%	3,195	66,906	4.8%	3,469	78,082	4.4%	3,744	81,015	4.6%
24	Antioch / Pittsburg	1,716	46,487	3.7%	2,320	58,528	4.0%	3,213	83,202	3.9%	4,413	101,382	4.4%
25	Vallejo / Benicia	1,098	41,649	2.6%	1,354	49,667	2.7%	1,558	59,213	2.6%	1,984	69,174	2.9%
26	Fairfield / Vacaville	6,350	80,359	7.9%	6,446	95,286	6.8%	7,110	111,855	6.4%	9,425	134,126	7.0%
27	Napa	755	37,640	2.0%	1,078	47,085	2.3%	1,262	54,570	2.3%	1,519	58,294	2.6%
28	St. Helena / Calistoga	788	21,872	3.6%	1,073	22,535	4.8%	1,078	23,204	4.6%	1,101	23,312	4.7%
29	Petaluma / Sonoma	829	68,209	1.2%	1,098	76,867	1.4%	1,667	93,006	1.8%	2,725	109,644	2.5%
30	Santa Rosa / Sebastopol	1,735	106,083	1.6%	2,730	131,163	2.1%	3,843	152,253	2.5%	5,630	170,063	3.3%
31	Healdsburg / Cloverdale	737	24,991	2.9%	1,094	27,897	3.9%	1,424	32,040	4.4%	1,897	35,074	5.4%
32	Novato	282	24,747	1.1%	390	29,200	1.3%	579	38,344	1.5%	779	42,129	1.8%
33	San Rafael	404	55,381	0.7%	531	59,221	0.9%	632	63,458	1.0%	782	66,270	1.2%
34	Mill Valley / Sausalito	311	41,749	0.7%	403	44,026	0.9%	473	48,931	1.0%	598	54,345	1.1%
Bay Area		117,431	3,375,631	3.5%	178,001	3,805,437	4.7%	186,293	4,371,704	4.3%	219,777	4,844,519	4.5%
San Francisco		5,359	579,253	0.9%	8,058	628,631	1.3%	8,573	700,240	1.2%	9,515	759,902	1.3%
San Mateo		6,466	346,857	1.9%	9,847	378,441	2.6%	10,431	439,685	2.4%	12,033	477,158	2.5%
Santa Clara		52,034	935,244	5.6%	84,295	1,037,636	8.1%	83,280	1,204,981	6.9%	95,933	1,323,596	7.2%
Alameda		32,769	676,108	4.8%	49,398	786,157	6.3%	52,911	899,285	5.9%	61,853	1,011,032	6.1%
Contra Costa		7,514	335,489	2.2%	10,206	391,625	2.6%	11,472	450,639	2.5%	14,003	510,400	2.7%
Solano		7,448	122,008	6.1%	7,800	144,953	5.4%	8,668	171,068	5.1%	11,409	203,300	5.6%
Napa		1,543	59,512	2.6%	2,151	69,620	3.1%	2,340	77,774	3.0%	2,620	81,606	3.2%
Sonoma		3,301	199,283	1.7%	4,922	235,927	2.1%	6,934	277,299	2.5%	10,252	314,781	3.3%
Marin		997	121,877	0.8%	1,324	132,447	1.0%	1,684	150,733	1.1%	2,159	162,744	1.3%

Table 15

Out-Commuting from Bay Area 34 Superdistricts and Counties, 2000 - 2030

SD of Residence Superdistrict Name	2000 Commuters			2010 Commuters			2020 Commuters			2030 Commuters		
	OutCommute	Total	% Out	OutCommute	Total	% Out	OutCommute	Total	% Out	OutCommute	Total	% Out
1 Downtown San Francisco	161	64,940	0.2%	146	68,719	0.2%	182	77,230	0.2%	210	90,765	0.2%
2 Richmond District	210	125,849	0.2%	183	127,463	0.1%	219	134,605	0.2%	239	141,957	0.2%
3 Mission District	269	156,969	0.2%	250	161,501	0.2%	312	181,368	0.2%	352	210,798	0.2%
4 Sunset District	141	67,451	0.2%	122	67,777	0.2%	143	71,753	0.2%	148	74,754	0.2%
5 Daly City / San Bruno	240	141,305	0.2%	199	146,814	0.1%	256	164,958	0.2%	281	172,813	0.2%
6 San Mateo / Burlingame	193	104,668	0.2%	174	112,053	0.2%	222	124,873	0.2%	231	129,425	0.2%
7 Redwood City / Menlo Park	225	106,243	0.2%	203	112,829	0.2%	286	129,268	0.2%	308	137,948	0.2%
8 Palo Alto / Los Altos	205	86,088	0.2%	173	83,357	0.2%	274	101,541	0.3%	308	110,509	0.3%
9 Sunnyvale / Mountain View	374	122,465	0.3%	322	127,509	0.3%	538	163,006	0.3%	632	184,777	0.3%
10 Saratoga / Cupertino	1105	155,670	0.7%	936	153,099	0.6%	1,385	178,195	0.8%	1,402	185,921	0.8%
11 Central San Jose	1068	133,816	0.8%	983	149,408	0.7%	1,651	200,429	0.8%	1,895	241,650	0.8%
12 Milpitas / East San Jose	1068	170,933	0.6%	922	177,974	0.5%	1,440	222,384	0.6%	1,567	247,731	0.6%
13 South San Jose / Almaden	884	110,265	0.8%	736	108,883	0.7%	1,076	128,602	0.8%	1,055	134,250	0.8%
14 Gilroy / Morgan Hill	2037	45,662	4.5%	1,845	54,137	3.4%	2,470	66,356	3.7%	2,633	75,329	3.5%
15 Livermore / Pleasanton	976	87,340	1.1%	1,118	118,559	0.9%	1,498	141,790	1.1%	1,719	171,886	1.0%
16 Fremont / Union City	575	149,514	0.4%	560	172,839	0.3%	757	196,917	0.4%	853	225,631	0.4%
17 Hayward / San Leandro	715	159,837	0.4%	688	178,749	0.4%	885	200,749	0.4%	981	222,015	0.4%
18 Oakland / Alameda	800	195,842	0.4%	755	216,106	0.3%	1,046	259,081	0.4%	1,263	307,085	0.4%
19 Berkeley / Albany	492	82,443	0.6%	494	89,622	0.6%	673	102,437	0.7%	785	114,512	0.7%
20 Richmond / El Cerrito	607	105,571	0.6%	623	120,803	0.5%	813	136,942	0.6%	866	146,885	0.6%
21 Concord / Martinez	617	110,140	0.6%	699	129,082	0.5%	911	144,276	0.6%	979	159,457	0.6%
22 Walnut Creek / Lamorinda	354	65,394	0.5%	380	75,245	0.5%	486	81,975	0.6%	522	86,948	0.6%
23 Danville / San Ramon	507	58,431	0.9%	567	73,660	0.8%	762	87,437	0.9%	829	97,854	0.8%
24 Antioch / Pittsburg	1642	99,285	1.7%	1,999	131,063	1.5%	2,419	155,078	1.6%	2,346	169,050	1.4%
25 Vallejo / Benicia	589	64,715	0.9%	704	78,510	0.9%	846	89,117	0.9%	867	100,665	0.9%
26 Fairfield / Vacaville	8329	107,891	7.7%	12,732	148,642	8.6%	16,158	176,748	9.1%	16,042	198,163	8.1%
27 Napa	348	39,505	0.9%	392	45,151	0.9%	440	50,842	0.9%	416	53,632	0.8%
28 St. Helena / Calistoga	181	17,485	1.0%	192	18,798	1.0%	207	19,083	1.1%	205	19,303	1.1%
29 Petaluma / Sonoma	222	80,387	0.3%	255	95,238	0.3%	229	101,852	0.2%	181	105,350	0.2%
30 Santa Rosa / Sebastopol	490	105,326	0.5%	515	127,442	0.4%	464	139,800	0.3%	374	146,272	0.3%
31 Healdsburg / Cloverdale	611	37,911	1.6%	616	47,575	1.3%	582	50,756	1.1%	500	52,035	1.0%
32 Novato	89	27,781	0.3%	100	32,470	0.3%	97	35,666	0.3%	83	37,271	0.2%
33 San Rafael	164	53,213	0.3%	179	58,693	0.3%	180	59,983	0.3%	160	61,176	0.3%
34 Mill Valley / Sausalito	216	44,569	0.5%	212	48,634	0.4%	230	50,452	0.5%	225	52,382	0.4%
Bay Area	26,704	3,284,904	0.8%	30,974	3,658,404	0.8%	40,137	4,225,549	0.9%	41,457	4,666,199	0.9%
San Francisco	781	415,209	0.2%	701	425,460	0.2%	856	464,956	0.2%	949	518,274	0.2%
San Mateo	658	352,216	0.2%	576	371,696	0.2%	764	419,099	0.2%	820	440,186	0.2%
Santa Clara	6,741	824,899	0.8%	5,917	854,367	0.7%	8,834	1,060,513	0.8%	9,492	1,180,167	0.8%
Alameda	3,558	674,976	0.5%	3,615	775,875	0.5%	4,859	900,974	0.5%	5,601	1,041,129	0.5%
Contra Costa	3,727	438,821	0.8%	4,268	529,853	0.8%	5,391	605,708	0.9%	5,542	660,194	0.8%
Solano	8,918	172,606	5.2%	13,436	227,152	5.9%	17,004	265,865	6.4%	16,909	298,828	5.7%
Napa	529	56,990	0.9%	584	63,949	0.9%	647	69,925	0.9%	621	72,935	0.9%
Sonoma	1,323	223,624	0.6%	1,386	270,255	0.5%	1,275	292,408	0.4%	1,055	303,657	0.3%
Marin	469	125,563	0.4%	491	139,797	0.4%	507	146,101	0.3%	468	150,829	0.3%

Table 16
Bay Area Neighbor Counties, Commuting to the Bay Area, 1990-2030

Total Commuters Residing in Neighbor Counties, Working in the Bay Area

	1990	2000	2010	2020	2030
35 Mendocino County	1,179	1,527	2,823	2,984	3,428
36 Lake County	1,794	2,925	4,611	5,285	6,260
37 Colusa County	126	114	133	145	177
38 Yolo County	3,424	4,920	5,705	6,411	7,983
39 Sacramento County	8,880	10,926	13,768	13,955	15,986
40 Placer County	1,219	2,688	4,107	4,046	4,471
41 San Joaquin County	20,276	34,079	51,684	55,149	64,691
42 Stanislaus County	10,326	13,657	23,604	24,700	28,368
43 Merced County	1,029	4,449	9,346	9,732	11,141
44 San Benito County	3,978	8,702	15,627	16,572	18,661
45 Monterey County	3,072	7,200	11,548	11,835	15,407
46 Santa Cruz County	20,462	26,243	35,049	35,476	43,204
Neighbor Counties	75,765	117,430	178,005	186,290	219,777

Total Commuters Residing in Neighbor Counties

	1990	2000	2010	2020	2030
35 Mendocino County	33,592	37,296	44,847	50,690	56,703
36 Lake County	16,391	19,662	26,233	32,143	38,153
37 Colusa County	6,001	6,466	10,272	14,238	18,243
38 Yolo County	62,231	74,145	92,724	112,404	127,433
39 Sacramento County	471,811	525,895	640,480	728,241	788,401
40 Placer County	76,874	110,620	167,425	191,840	211,886
41 San Joaquin County	186,579	211,619	273,537	322,588	362,670
42 Stanislaus County	145,630	168,150	214,602	243,851	268,909
43 Merced County	65,266	70,140	95,207	114,878	134,912
44 San Benito County	16,212	23,010	34,488	39,368	44,378
45 Monterey County	151,133	162,508	199,220	243,535	278,600
46 Santa Cruz County	112,389	125,269	153,526	180,993	209,044
Neighbor Counties	1,344,109	1,534,780	1,952,561	2,274,769	2,539,332

Share of Total Commuters Residing in Neighbor Counties, Working in the Bay Area

	1990	2000	2010	2020	2030
35 Mendocino County	3.5%	4.1%	6.3%	5.9%	6.0%
36 Lake County	10.9%	14.9%	17.6%	16.4%	16.4%
37 Colusa County	2.1%	1.8%	1.3%	1.0%	1.0%
38 Yolo County	5.5%	6.6%	6.2%	5.7%	6.3%
39 Sacramento County	1.9%	2.1%	2.1%	1.9%	2.0%
40 Placer County	1.6%	2.4%	2.5%	2.1%	2.1%
41 San Joaquin County	10.9%	16.1%	18.9%	17.1%	17.8%
42 Stanislaus County	7.1%	8.1%	11.0%	10.1%	10.5%
43 Merced County	1.6%	6.3%	9.8%	8.5%	8.3%
44 San Benito County	24.5%	37.8%	45.3%	42.1%	42.1%
45 Monterey County	2.0%	4.4%	5.8%	4.9%	5.5%
46 Santa Cruz County	18.2%	20.9%	22.8%	19.6%	20.7%
Neighbor Counties	5.6%	7.7%	9.1%	8.2%	8.7%

Table 17**Bay Area Neighbor Counties, Commuting from the Bay Area, 1990-2030*****Total Commuters Working in Neighbor Counties, Residing in the Bay Area***

	1990	2000	2010	2020	2030
35 Mendocino County	582	784	590	711	811
36 Lake County	379	515	510	595	675
37 Colusa County	124	58	110	156	173
38 Yolo County	3,328	4,557	6,507	8,223	8,429
39 Sacramento County	6,176	7,657	10,044	12,736	12,996
40 Placer County	366	575	821	1,084	1,165
41 San Joaquin County	2,676	3,813	4,178	5,262	5,428
42 Stanislaus County	805	888	773	949	1,006
43 Merced County	176	170	138	190	215
44 San Benito County	859	1,129	972	1,325	1,527
45 Monterey County	1,788	1,820	1,577	2,324	2,275
46 Santa Cruz County	4,422	4,738	4,752	6,584	6,759
Neighbor Counties	21,681	26,704	30,972	40,139	41,459

Total Commuters Working in Neighbor Counties

	1990	2000	2010	2020	2030
35 Mendocino County	33,292	37,252	43,091	49,216	55,160
36 Lake County	14,626	16,396	21,310	26,378	31,358
37 Colusa County	5,827	6,030	9,990	14,020	18,010
38 Yolo County	65,742	82,406	103,980	124,317	139,271
39 Sacramento County	476,744	521,503	636,901	728,976	788,732
40 Placer County	63,224	101,145	155,510	181,013	200,946
41 San Joaquin County	174,558	190,359	239,347	287,174	317,109
42 Stanislaus County	135,515	151,442	184,656	210,309	230,269
43 Merced County	60,937	60,460	77,130	95,401	113,378
44 San Benito County	12,488	15,227	19,144	23,212	27,208
45 Monterey County	147,174	155,409	184,605	230,270	259,260
46 Santa Cruz County	99,898	106,426	129,865	158,329	180,309
Neighbor Counties	1,290,025	1,444,055	1,805,529	2,128,615	2,361,010

Share of Total Commuters Working in Neighbor Counties, Residing in the Bay Area

	1990	2000	2010	2020	2030
35 Mendocino County	1.7%	2.1%	1.4%	1.4%	1.5%
36 Lake County	2.6%	3.1%	2.4%	2.3%	2.2%
37 Colusa County	2.1%	1.0%	1.1%	1.1%	1.0%
38 Yolo County	5.1%	5.5%	6.3%	6.6%	6.1%
39 Sacramento County	1.3%	1.5%	1.6%	1.7%	1.6%
40 Placer County	0.6%	0.6%	0.5%	0.6%	0.6%
41 San Joaquin County	1.5%	2.0%	1.7%	1.8%	1.7%
42 Stanislaus County	0.6%	0.6%	0.4%	0.5%	0.4%
43 Merced County	0.3%	0.3%	0.2%	0.2%	0.2%
44 San Benito County	6.9%	7.4%	5.1%	5.7%	5.6%
45 Monterey County	1.2%	1.2%	0.9%	1.0%	0.9%
46 Santa Cruz County	4.4%	4.5%	3.7%	4.2%	3.7%
Neighbor Counties	1.7%	1.8%	1.7%	1.9%	1.8%

Table A.1
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
San Francisco	San Francisco	299,926	321,913	328,563	362,044	402,829
San Francisco	San Mateo	32,170	43,305	46,294	50,872	57,071
San Francisco	Santa Clara	7,992	15,868	18,049	16,074	16,329
San Francisco	Alameda	18,822	20,835	20,746	21,219	22,810
San Francisco	Contra Costa	5,747	4,568	4,194	4,473	5,276
San Francisco	Solano	377	418	338	400	531
San Francisco	Napa	117	237	213	267	342
San Francisco	Sonoma	468	835	690	1,223	2,272
San Francisco	Marin	5,006	6,450	5,670	7,529	9,865
San Francisco	Mendocino	0	25	14	23	37
San Francisco	Lake	14	18	13	20	29
San Francisco	Colusa	7	0	0	0	0
San Francisco	Yolo	45	67	60	75	88
San Francisco	Sacramento	273	253	225	278	318
San Francisco	Placer	7	21	22	29	35
San Francisco	San Joaquin	95	30	25	29	31
San Francisco	Stanislaus	31	64	47	53	56
San Francisco	Merced	10	8	6	7	9
San Francisco	San Benito	19	10	8	10	12
San Francisco	Monterey	166	79	68	86	83
San Francisco	Santa Cruz	117	206	213	246	250
San Mateo	San Francisco	78,832	71,700	72,639	83,367	87,485
San Mateo	San Mateo	199,760	206,053	218,915	252,555	267,718
San Mateo	Santa Clara	44,001	55,470	61,689	61,887	61,905
San Mateo	Alameda	13,188	14,783	14,755	16,489	17,148
San Mateo	Contra Costa	3,715	1,789	1,628	1,853	2,082
San Mateo	Solano	183	303	237	297	382
San Mateo	Napa	0	141	124	165	204
San Mateo	Sonoma	110	345	285	542	962
San Mateo	Marin	1,406	973	847	1,179	1,480
San Mateo	Mendocino	6	45	24	44	68
San Mateo	Lake	9	18	13	20	31
San Mateo	Colusa	97	0	0	0	0
San Mateo	Yolo	38	29	26	34	39
San Mateo	Sacramento	165	180	159	209	230
San Mateo	Placer	40	5	5	7	8
San Mateo	San Joaquin	10	51	42	54	56
San Mateo	Stanislaus	24	31	22	27	27
San Mateo	Merced	17	22	15	19	20
San Mateo	San Benito	21	15	13	17	19
San Mateo	Monterey	92	48	40	56	52
San Mateo	Santa Cruz	393	214	216	278	273
Santa Clara	San Francisco	7,536	7,946	7,302	10,681	12,543
Santa Clara	San Mateo	31,896	40,665	39,512	53,313	60,875
Santa Clara	Santa Clara	710,582	727,890	762,418	932,331	1,031,156
Santa Clara	Alameda	24,163	37,011	35,483	49,440	57,864

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Santa Clara	Contra Costa	2,299	2,824	2,355	3,370	4,160
Santa Clara	Solano	121	581	406	633	908
Santa Clara	Napa	34	161	129	207	278
Santa Clara	Sonoma	116	505	379	873	1,710
Santa Clara	Marin	421	578	467	832	1,179
Santa Clara	Mendocino	11	18	9	22	39
Santa Clara	Lake	17	6	4	8	13
Santa Clara	Colusa	0	0	0	0	0
Santa Clara	Yolo	49	74	59	96	117
Santa Clara	Sacramento	424	283	229	380	467
Santa Clara	Placer	83	57	53	91	115
Santa Clara	San Joaquin	326	241	187	295	339
Santa Clara	Stanislaus	153	169	117	168	190
Santa Clara	Merced	43	57	37	62	77
Santa Clara	San Benito	796	1,017	855	1,186	1,383
Santa Clara	Monterey	1,126	1,356	1,113	1,714	1,712
Santa Clara	Santa Cruz	3,484	3,463	3,256	4,812	5,039
Alameda	San Francisco	60,505	72,037	81,868	100,935	118,024
Alameda	San Mateo	26,633	33,501	40,081	47,134	54,397
Alameda	Santa Clara	53,139	69,669	89,267	91,411	99,553
Alameda	Alameda	433,159	453,859	516,337	600,705	692,298
Alameda	Contra Costa	34,613	35,518	38,214	46,090	56,546
Alameda	Solano	1,309	1,883	1,685	2,250	3,203
Alameda	Napa	211	340	346	492	677
Alameda	Sonoma	487	867	810	1,609	3,146
Alameda	Marin	2,723	3,745	3,653	5,492	7,684
Alameda	Mendocino	8	37	22	42	71
Alameda	Lake	16	12	9	16	28
Alameda	Colusa	5	0	0	0	0
Alameda	Yolo	187	260	261	365	455
Alameda	Sacramento	553	705	709	989	1,206
Alameda	Placer	28	118	137	191	233
Alameda	San Joaquin	858	1,415	1,456	1,924	2,176
Alameda	Stanislaus	303	342	297	374	420
Alameda	Merced	52	31	24	34	41
Alameda	San Benito	18	35	35	48	57
Alameda	Monterey	172	141	134	191	192
Alameda	Santa Cruz	310	462	530	684	721
Contra Costa	San Francisco	47,678	49,524	63,508	72,960	74,767
Contra Costa	San Mateo	7,867	9,279	12,648	14,656	15,345
Contra Costa	Santa Clara	6,010	10,145	15,169	14,710	14,382
Contra Costa	Alameda	83,446	95,939	120,274	131,035	134,261
Contra Costa	Contra Costa	237,511	254,768	297,617	344,704	387,680
Contra Costa	Solano	6,060	6,506	6,800	8,433	10,394
Contra Costa	Napa	453	1,094	1,281	1,703	2,050
Contra Costa	Sonoma	428	1,037	1,081	2,018	3,487

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Contra Costa	Marin	3,280	6,803	7,208	10,097	12,286
Contra Costa	Mendocino	36	47	32	55	82
Contra Costa	Lake	0	65	60	98	143
Contra Costa	Colusa	0	23	38	56	67
Contra Costa	Yolo	196	294	341	438	474
Contra Costa	Sacramento	803	1,107	1,270	1,647	1,754
Contra Costa	Placer	93	91	126	167	183
Contra Costa	San Joaquin	974	1,640	1,890	2,297	2,232
Contra Costa	Stanislaus	180	174	170	199	196
Contra Costa	Merced	13	25	23	29	29
Contra Costa	San Benito	0	29	33	41	42
Contra Costa	Monterey	109	91	99	136	125
Contra Costa	Santa Cruz	44	141	187	228	215
Solano	San Francisco	9,805	10,385	15,681	17,161	16,672
Solano	San Mateo	2,577	2,880	4,692	5,265	5,185
Solano	Santa Clara	1,000	1,605	2,890	2,699	2,449
Solano	Alameda	10,326	12,587	18,683	19,162	18,099
Solano	Contra Costa	20,899	22,018	29,757	32,138	34,595
Solano	Solano	93,704	99,205	121,808	144,650	170,618
Solano	Napa	5,492	8,256	11,589	14,783	16,763
Solano	Sonoma	1,105	2,334	2,843	5,022	8,165
Solano	Marin	1,913	4,418	5,774	7,981	9,373
Solano	Mendocino	0	0	0	0	0
Solano	Lake	0	10	12	20	27
Solano	Colusa	15	27	58	86	95
Solano	Yolo	2,658	3,571	5,444	6,909	6,991
Solano	Sacramento	3,316	4,526	6,754	8,555	8,444
Solano	Placer	71	235	412	537	541
Solano	San Joaquin	286	332	467	560	511
Solano	Stanislaus	60	89	101	114	105
Solano	Merced	34	27	32	39	38
Solano	San Benito	5	0	0	0	0
Solano	Monterey	54	40	55	71	58
Solano	Santa Cruz	34	61	98	114	99
Napa	San Francisco	1,044	1,305	1,689	1,633	1,443
Napa	San Mateo	286	462	626	609	546
Napa	Santa Clara	103	365	534	433	360
Napa	Alameda	1,087	1,229	1,545	1,392	1,205
Napa	Contra Costa	1,807	1,974	2,264	2,149	2,114
Napa	Solano	5,805	3,756	3,832	4,025	4,319
Napa	Napa	37,464	44,330	49,624	54,329	55,884
Napa	Sonoma	1,630	2,146	2,250	3,470	5,116
Napa	Marin	549	894	1,001	1,236	1,327
Napa	Mendocino	21	23	16	23	29
Napa	Lake	90	58	53	70	86
Napa	Colusa	0	0	0	0	0

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Napa	Yolo	48	146	167	181	170
Napa	Sacramento	188	227	256	279	257
Napa	Placer	16	14	18	21	20
Napa	San Joaquin	20	19	20	20	17
Napa	Stanislaus	48	0	0	0	0
Napa	Merced	0	0	0	0	0
Napa	San Benito	0	0	0	0	0
Napa	Monterey	7	12	13	14	11
Napa	Santa Cruz	0	30	39	39	31
Sonoma	San Francisco	8,357	8,192	11,750	8,464	5,589
Sonoma	San Mateo	1,528	1,633	2,460	1,768	1,178
Sonoma	Santa Clara	388	1,247	2,037	1,189	719
Sonoma	Alameda	1,839	2,367	3,323	2,224	1,429
Sonoma	Contra Costa	1,425	1,776	2,286	1,623	1,193
Sonoma	Solano	1,310	1,299	1,455	1,138	915
Sonoma	Napa	2,026	3,030	3,751	3,062	2,343
Sonoma	Sonoma	154,324	184,421	219,132	250,503	272,102
Sonoma	Marin	15,352	18,336	22,674	21,163	17,133
Sonoma	Mendocino	493	545	444	463	431
Sonoma	Lake	225	323	341	338	311
Sonoma	Colusa	0	8	14	13	11
Sonoma	Yolo	73	87	118	92	63
Sonoma	Sacramento	336	196	250	200	136
Sonoma	Placer	23	28	41	34	23
Sonoma	San Joaquin	87	25	30	22	14
Sonoma	Stanislaus	6	9	9	7	4
Sonoma	Merced	7	0	0	0	0
Sonoma	San Benito	0	23	28	22	14
Sonoma	Monterey	30	9	11	9	5
Sonoma	Santa Cruz	27	70	101	75	44
Marin	San Francisco	33,656	30,893	37,572	34,424	31,034
Marin	San Mateo	3,212	2,614	3,364	3,082	2,810
Marin	Santa Clara	564	952	1,287	966	810
Marin	Alameda	5,256	4,729	5,613	4,707	4,066
Marin	Contra Costa	3,428	2,740	3,101	2,768	2,750
Marin	Solano	845	610	594	575	621
Marin	Napa	189	380	410	425	443
Marin	Sonoma	3,179	3,493	3,537	5,107	7,568
Marin	Marin	72,941	78,684	83,828	93,540	100,260
Marin	Mendocino	7	44	28	40	54
Marin	Lake	8	5	4	6	7
Marin	Colusa	0	0	0	0	0
Marin	Yolo	34	29	31	33	32
Marin	Sacramento	118	180	193	198	185
Marin	Placer	5	6	7	8	8
Marin	San Joaquin	20	60	62	60	51

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Marin	Stanislaus	0	10	8	8	7
Marin	Merced	0	0	0	0	0
Marin	San Benito	0	0	0	0	0
Marin	Monterey	32	44	45	47	37
Marin	Santa Cruz	13	91	112	107	87
Mendocino	San Francisco	75	124	269	204	157
Mendocino	San Mateo	98	43	100	72	55
Mendocino	Santa Clara	22	30	75	49	36
Mendocino	Alameda	67	111	234	162	120
Mendocino	Contra Costa	42	77	148	117	102
Mendocino	Solano	13	2	3	2	2
Mendocino	Napa	49	19	38	33	29
Mendocino	Sonoma	733	1,023	1,769	2,156	2,749
Mendocino	Marin	80	98	188	189	178
Mendocino	Mendocino	32,152	35,442	41,492	47,170	52,723
Mendocino	Lake	205	254	394	421	462
Mendocino	Colusa	0	0	0	0	0
Mendocino	Yolo	0	9	17	15	12
Mendocino	Sacramento	54	45	86	73	58
Mendocino	Placer	2	0	0	0	0
Mendocino	San Joaquin	0	4	7	6	4
Mendocino	Stanislaus	0	8	13	10	7
Mendocino	Merced	0	0	0	0	0
Mendocino	San Benito	0	0	0	0	0
Mendocino	Monterey	0	0	0	0	0
Mendocino	Santa Cruz	0	7	15	12	8
Lake	San Francisco	113	186	341	303	255
Lake	San Mateo	39	54	106	86	70
Lake	Santa Clara	69	144	300	210	159
Lake	Alameda	118	99	180	151	126
Lake	Contra Costa	88	83	135	115	102
Lake	Solano	39	79	111	104	106
Lake	Napa	255	762	1,133	1,110	1,065
Lake	Sonoma	990	1,415	2,141	3,025	4,198
Lake	Marin	83	103	164	180	180
Lake	Mendocino	488	1,012	1,000	1,320	1,600
Lake	Lake	13,983	15,549	20,326	25,243	30,036
Lake	Colusa	33	8	18	21	20
Lake	Yolo	0	56	91	90	80
Lake	Sacramento	50	72	116	115	99
Lake	Placer	30	19	36	36	32
Lake	San Joaquin	0	13	20	18	15
Lake	Stanislaus	0	0	0	0	0
Lake	Merced	0	0	0	0	0
Lake	San Benito	0	0	0	0	0
Lake	Monterey	13	0	0	0	0

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Lake	Santa Cruz	0	8	15	14	10
Colusa	San Francisco	0	24	32	34	38
Colusa	San Mateo	0	19	27	27	29
Colusa	Santa Clara	0	0	0	0	0
Colusa	Alameda	29	3	4	4	5
Colusa	Contra Costa	13	4	5	5	6
Colusa	Solano	84	52	52	59	81
Colusa	Napa	0	12	13	16	20
Colusa	Sonoma	0	0	0	0	0
Colusa	Marin	0	0	0	0	0
Colusa	Mendocino	14	0	0	0	0
Colusa	Lake	9	4	4	6	9
Colusa	Colusa	5,514	5,662	9,331	13,111	16,915
Colusa	Yolo	253	503	591	717	845
Colusa	Sacramento	72	153	177	215	246
Colusa	Placer	0	18	24	30	36
Colusa	San Joaquin	2	6	7	8	8
Colusa	Stanislaus	6	0	0	0	0
Colusa	Merced	5	6	5	6	7
Colusa	San Benito	0	0	0	0	0
Colusa	Monterey	0	0	0	0	0
Colusa	Santa Cruz	0	0	0	0	0
Yolo	San Francisco	191	319	454	490	519
Yolo	San Mateo	105	267	396	439	477
Yolo	Santa Clara	121	142	231	227	233
Yolo	Alameda	237	387	537	540	559
Yolo	Contra Costa	298	454	567	613	724
Yolo	Solano	2,258	3,065	3,160	3,601	4,766
Yolo	Napa	145	157	205	257	321
Yolo	Sonoma	31	70	82	143	254
Yolo	Marin	38	59	73	102	131
Yolo	Mendocino	0	0	0	0	0
Yolo	Lake	0	25	25	38	59
Yolo	Colusa	67	198	350	493	612
Yolo	Yolo	42,014	50,504	63,547	77,349	87,724
Yolo	Sacramento	16,057	17,322	21,488	26,139	28,879
Yolo	Placer	455	856	1,240	1,548	1,749
Yolo	San Joaquin	176	205	240	276	283
Yolo	Stanislaus	19	54	55	60	61
Yolo	Merced	12	13	13	15	16
Yolo	San Benito	0	0	0	0	0
Yolo	Monterey	0	40	48	59	54
Yolo	Santa Cruz	7	9	13	15	14
Sacramento	San Francisco	1,224	1,359	1,880	1,894	1,962
Sacramento	San Mateo	483	671	974	975	1,019
Sacramento	Santa Clara	1,162	1,486	2,321	1,967	1,928

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Sacramento	Alameda	1,509	1,974	2,666	2,550	2,627
Sacramento	Contra Costa	1,235	1,370	1,671	1,741	2,027
Sacramento	Solano	2,807	3,233	3,267	3,493	4,503
Sacramento	Napa	193	273	336	390	474
Sacramento	Sonoma	86	294	333	542	941
Sacramento	Marin	181	267	320	403	506
Sacramento	Mendocino	28	8	6	9	14
Sacramento	Lake	6	21	21	29	44
Sacramento	Colusa	64	101	173	229	278
Sacramento	Yolo	18,342	23,711	28,992	33,028	36,598
Sacramento	Sacramento	422,648	453,371	546,553	622,264	671,690
Sacramento	Placer	15,956	29,824	41,994	49,067	54,166
Sacramento	San Joaquin	5,385	7,325	8,331	8,978	8,966
Sacramento	Stanislaus	315	393	389	399	397
Sacramento	Merced	42	45	42	47	50
Sacramento	San Benito	8	3	3	4	4
Sacramento	Monterey	107	109	126	146	130
Sacramento	Santa Cruz	30	58	81	85	80
Placer	San Francisco	116	399	626	624	650
Placer	San Mateo	139	382	624	640	684
Placer	Santa Clara	226	522	920	768	758
Placer	Alameda	191	563	874	832	861
Placer	Contra Costa	244	281	389	388	442
Placer	Solano	247	285	338	362	464
Placer	Napa	32	95	126	143	174
Placer	Sonoma	17	77	98	157	275
Placer	Marin	7	84	112	131	161
Placer	Mendocino	3	0	0	0	0
Placer	Lake	0	14	16	22	33
Placer	Colusa	6	4	8	10	12
Placer	Yolo	1,402	2,499	3,461	3,913	4,367
Placer	Sacramento	27,768	35,483	48,446	54,737	59,514
Placer	Placer	46,242	69,500	110,833	128,514	142,899
Placer	San Joaquin	169	292	376	402	405
Placer	Stanislaus	24	40	45	46	46
Placer	Merced	0	8	9	9	10
Placer	San Benito	4	5	7	7	8
Placer	Monterey	16	68	89	102	92
Placer	Santa Cruz	21	19	30	31	30
San Joaquin	San Francisco	750	1,194	1,825	2,052	2,365
San Joaquin	San Mateo	755	1,434	2,309	2,484	2,836
San Joaquin	Santa Clara	3,380	7,046	12,072	11,360	12,273
San Joaquin	Alameda	11,989	19,955	29,523	32,085	37,927
San Joaquin	Contra Costa	2,805	3,669	5,014	5,889	7,329
San Joaquin	Solano	445	459	520	625	890
San Joaquin	Napa	50	96	131	170	230

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
San Joaquin	Sonoma	7	134	167	303	586
San Joaquin	Marin	95	92	122	180	254
San Joaquin	Mendocino	0	0	0	0	0
San Joaquin	Lake	28	0	0	0	0
San Joaquin	Colusa	19	0	0	0	0
San Joaquin	Yolo	281	467	629	800	986
San Joaquin	Sacramento	3,466	6,297	8,358	10,635	12,761
San Joaquin	Placer	124	293	454	593	728
San Joaquin	San Joaquin	156,972	163,584	204,873	246,736	273,923
San Joaquin	Stanislaus	5,123	6,632	7,226	8,287	9,152
San Joaquin	Merced	164	163	169	209	247
San Joaquin	San Benito	6	5	6	8	9
San Joaquin	Monterey	88	61	78	101	100
San Joaquin	Santa Cruz	32	39	60	70	73
Stanislaus	San Francisco	380	751	1,289	1,442	1,653
Stanislaus	San Mateo	538	899	1,619	1,735	1,965
Stanislaus	Santa Clara	3,605	3,822	7,344	6,934	7,474
Stanislaus	Alameda	4,941	6,840	11,339	12,206	14,215
Stanislaus	Contra Costa	645	996	1,524	1,731	2,105
Stanislaus	Solano	73	176	239	290	400
Stanislaus	Napa	61	70	102	130	173
Stanislaus	Sonoma	35	47	66	120	229
Stanislaus	Marin	48	56	82	112	153
Stanislaus	Mendocino	10	0	0	0	0
Stanislaus	Lake	0	7	8	13	22
Stanislaus	Colusa	0	0	0	0	0
Stanislaus	Yolo	87	41	62	78	95
Stanislaus	Sacramento	258	749	1,114	1,406	1,671
Stanislaus	Placer	44	33	57	74	90
Stanislaus	San Joaquin	8,763	13,991	19,617	23,443	25,776
Stanislaus	Stanislaus	122,634	134,505	164,083	186,707	204,213
Stanislaus	Merced	3,355	4,965	5,757	7,064	8,280
Stanislaus	San Benito	17	104	148	180	208
Stanislaus	Monterey	72	53	76	97	95
Stanislaus	Santa Cruz	64	44	76	88	91
Merced	San Francisco	51	80	154	174	205
Merced	San Mateo	57	131	264	276	311
Merced	Santa Clara	682	3,449	7,506	7,665	8,610
Merced	Alameda	153	586	1,089	1,180	1,386
Merced	Contra Costa	28	130	221	269	348
Merced	Solano	22	27	39	47	67
Merced	Napa	15	0	0	0	0
Merced	Sonoma	21	31	48	88	171
Merced	Marin	0	15	24	32	43
Merced	Mendocino	0	0	0	0	0
Merced	Lake	4	0	0	0	0

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Merced	Colusa	0	0	0	0	0
Merced	Yolo	25	25	42	53	66
Merced	Sacramento	76	202	334	425	513
Merced	Placer	5	25	48	63	78
Merced	San Joaquin	369	998	1,556	1,875	2,093
Merced	Stanislaus	6,477	8,834	11,983	13,752	15,269
Merced	Merced	57,135	55,014	70,923	87,770	104,439
Merced	San Benito	79	289	457	561	657
Merced	Monterey	18	188	298	387	385
Merced	Santa Cruz	49	115	219	258	270
San Benito	San Francisco	17	82	130	143	163
San Benito	San Mateo	65	178	296	302	337
San Benito	Santa Clara	3,767	8,054	14,601	15,469	17,366
San Benito	Alameda	114	299	477	504	581
San Benito	Contra Costa	15	51	75	84	96
San Benito	Solano	0	17	20	24	34
San Benito	Napa	0	4	6	7	10
San Benito	Sonoma	0	17	22	39	74
San Benito	Marin	0	0	0	0	0
San Benito	Mendocino	12	5	4	7	12
San Benito	Lake	0	0	0	0	0
San Benito	Colusa	0	0	0	0	0
San Benito	Yolo	0	2	3	3	4
San Benito	Sacramento	0	26	35	44	53
San Benito	Placer	0	0	0	0	0
San Benito	San Joaquin	0	12	15	18	20
San Benito	Stanislaus	26	23	26	29	32
San Benito	Merced	11	38	40	49	58
San Benito	San Benito	10,592	11,883	15,511	18,671	21,571
San Benito	Monterey	970	1,604	2,098	2,672	2,625
San Benito	Santa Cruz	623	715	1,127	1,301	1,343
Monterey	San Francisco	120	220	316	340	448
Monterey	San Mateo	173	378	570	598	787
Monterey	Santa Clara	2,402	5,799	9,570	9,705	12,468
Monterey	Alameda	246	533	762	784	1,028
Monterey	Contra Costa	83	155	198	216	310
Monterey	Solano	12	29	31	35	57
Monterey	Napa	16	6	8	10	15
Monterey	Sonoma	8	51	59	102	224
Monterey	Marin	12	29	35	45	69
Monterey	Mendocino	0	0	0	0	0
Monterey	Lake	0	0	0	0	0
Monterey	Colusa	0	0	0	0	0
Monterey	Yolo	0	15	19	23	33
Monterey	Sacramento	90	88	110	134	183
Monterey	Placer	0	0	0	0	0

Table A.1 (continued)
County-to-County Commuters in 21 Northern California Counties, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
Monterey	San Joaquin	14	55	65	75	95
Monterey	Stanislaus	50	45	46	51	64
Monterey	Merced	21	28	27	32	44
Monterey	San Benito	601	1,187	1,417	1,663	2,213
Monterey	Monterey	140,476	146,298	175,035	217,393	245,911
Monterey	Santa Cruz	6,809	7,593	10,954	12,330	14,652
Santa Cruz	San Francisco	459	621	744	871	1,102
Santa Cruz	San Mateo	1,361	2,010	2,561	2,797	3,464
Santa Cruz	Santa Clara	17,645	21,540	29,354	28,925	34,626
Santa Cruz	Alameda	698	1,419	1,713	1,911	2,417
Santa Cruz	Contra Costa	231	244	261	302	413
Santa Cruz	Solano	20	24	21	25	40
Santa Cruz	Napa	5	49	54	73	108
Santa Cruz	Sonoma	0	142	138	260	551
Santa Cruz	Marin	43	194	203	311	483
Santa Cruz	Mendocino	3	0	0	0	0
Santa Cruz	Lake	12	7	6	10	18
Santa Cruz	Colusa	0	0	0	0	0
Santa Cruz	Yolo	10	17	18	24	32
Santa Cruz	Sacramento	29	38	40	53	69
Santa Cruz	Placer	0	2	2	3	4
Santa Cruz	San Joaquin	32	62	61	77	93
Santa Cruz	Stanislaus	36	19	16	19	24
Santa Cruz	Merced	16	9	7	9	12
Santa Cruz	San Benito	322	622	622	793	1,013
Santa Cruz	Monterey	3,626	5,168	5,182	6,989	7,593
Santa Cruz	Santa Cruz	87,841	93,081	112,523	137,541	156,980
Northern California	Northern California	4,366,705	4,819,691	5,610,960	6,500,311	7,205,532

Table A.2
Commuting to San Francisco, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2030
San Francisco	San Francisco	299,926	321,913	328,563	362,044	402,829
San Mateo	San Francisco	78,832	71,700	72,639	83,367	87,485
Santa Clara	San Francisco	7,536	7,946	7,302	10,681	12,543
Alameda	San Francisco	60,505	72,037	81,868	100,935	118,024
Contra Costa	San Francisco	47,678	49,524	63,508	72,960	74,767
Solano	San Francisco	9,805	10,385	15,681	17,161	16,672
Napa	San Francisco	1,044	1,305	1,689	1,633	1,443
Sonoma	San Francisco	8,357	8,192	11,750	8,464	5,589
Marin	San Francisco	33,656	30,893	37,572	34,424	31,034
Mendocino	San Francisco	75	124	269	204	157
Lake	San Francisco	113	186	341	303	255
Colusa	San Francisco	0	24	32	34	38
Yolo	San Francisco	191	319	454	490	519
Sacramento	San Francisco	1,224	1,359	1,880	1,894	1,962
Placer	San Francisco	116	399	626	624	650
San Joaquin	San Francisco	750	1,194	1,825	2,052	2,365
Stanislaus	San Francisco	380	751	1,289	1,442	1,653
Merced	San Francisco	51	80	154	174	205
San Benito	San Francisco	17	82	130	143	163
Monterey	San Francisco	120	220	316	340	448
Santa Cruz	San Francisco	459	621	744	871	1,102
Northern Calif.	San Francisco	550,835	579,254	628,632	700,240	759,903
San Francisco	San Francisco	299,926	321,913	328,563	362,044	402,829
Golden Gate Corridor	San Francisco	42,088	39,209	49,591	43,092	36,780
Bay Bridge Corridor	San Francisco	121,857	137,563	169,347	199,702	218,553
Peninsula Corridor	San Francisco	86,964	80,569	81,131	95,402	101,741

Table A.3
Commuting to Santa Clara County, 1990-2030

County of Residence	County of Work	1990	2000	2010	2020	2020
San Francisco	Santa Clara	7,992	15,868	18,049	16,074	16,329
San Mateo	Santa Clara	44,001	55,470	61,689	61,887	61,905
Santa Clara	Santa Clara	710,582	727,890	762,418	932,331	1,031,156
Alameda	Santa Clara	53,139	69,669	89,267	91,411	99,553
Contra Costa	Santa Clara	6,010	10,145	15,169	14,710	14,382
Solano	Santa Clara	1,000	1,605	2,890	2,699	2,449
Napa	Santa Clara	103	365	534	433	360
Sonoma	Santa Clara	388	1,247	2,037	1,189	719
Marin	Santa Clara	564	952	1,287	966	810
Mendocino	Santa Clara	22	30	75	49	36
Lake	Santa Clara	69	144	300	210	159
Colusa	Santa Clara	0	0	0	0	0
Yolo	Santa Clara	121	142	231	227	233
Sacramento	Santa Clara	1,162	1,486	2,321	1,967	1,928
Placer	Santa Clara	226	522	920	768	758
San Joaquin	Santa Clara	3,380	7,046	12,072	11,360	12,273
Stanislaus	Santa Clara	3,605	3,822	7,344	6,934	7,474
Merced	Santa Clara	682	3,449	7,506	7,665	8,610
San Benito	Santa Clara	3,767	8,054	14,601	15,469	17,366
Monterey	Santa Clara	2,402	5,799	9,570	9,705	12,468
Santa Cruz	Santa Clara	17,645	21,540	29,354	28,925	34,626
Northern Calif.	Santa Clara	856,860	935,245	1,037,634	1,204,979	1,323,594
Santa Clara	Santa Clara	710,582	727,890	762,418	932,331	1,031,156
Peninsula	Santa Clara	52,967	73,567	83,137	80,165	79,799
Monterey Bay	Santa Clara	23,814	35,393	53,525	54,099	64,460
East Bay	Santa Clara	60,321	81,928	108,160	109,463	116,903
San Joaquin Valley	Santa Clara	9,176	16,467	30,394	28,921	31,276
Northern Calif.	Santa Clara	856,860	935,245	1,037,634	1,204,979	1,323,594

Table A.4**County-to-County Commuting in the San Francisco Bay Area, 1960-2030****1960-2000 Decennial Census, and MTC Forecasts based on ABAG Projections 2003**

County of Residence	County of Work	1960	1970	1980	1990	2000	2010	2020	2030
San Francisco	San Francisco	322,000	283,184	284,297	299,926	321,913	328,563	362,044	402,829
San Francisco	San Mateo	12,000	18,349	21,443	32,170	43,305	46,294	50,872	57,071
San Francisco	Santa Clara	1,000	2,972	3,721	7,992	15,868	18,049	16,074	16,329
San Francisco	Alameda	6,000	7,874	15,181	18,822	20,835	20,746	21,219	22,810
San Francisco	Contra Costa	1,000	1,129	2,430	5,747	4,568	4,194	4,473	5,276
San Francisco	Solano	0	362	349	377	418	338	400	531
San Francisco	Napa	0	77	14	117	237	213	267	342
San Francisco	Sonoma	0	120	355	468	835	690	1,223	2,272
San Francisco	Marin	2,000	1,419	3,332	5,006	6,450	5,670	7,529	9,865
San Francisco	Elsewhere	NA	NA	348	784	781	701	856	949
San Francisco	TOTAL	344,000	315,486	331,470	371,409	415,210	425,458	464,957	518,274
San Mateo	San Francisco	59,000	67,723	78,706	78,832	71,700	72,639	83,367	87,485
San Mateo	San Mateo	99,000	139,653	180,143	199,760	206,053	218,915	252,555	267,718
San Mateo	Santa Clara	14,000	20,933	33,853	44,001	55,470	61,689	61,887	61,905
San Mateo	Alameda	2,000	3,640	6,686	13,188	14,783	14,755	16,489	17,148
San Mateo	Contra Costa	0	474	738	3,715	1,789	1,628	1,853	2,082
San Mateo	Solano	0	145	220	183	303	237	297	382
San Mateo	Napa	0	11	18	0	141	124	165	204
San Mateo	Sonoma	0	50	115	110	345	285	542	962
San Mateo	Marin	0	335	643	1,406	973	847	1,179	1,480
San Mateo	Elsewhere	NA	NA	394	912	658	575	765	820
San Mateo	TOTAL	174,000	232,964	301,516	342,107	352,215	371,694	419,099	440,186
Santa Clara	San Francisco	7,000	9,052	7,438	7,536	7,946	7,302	10,681	12,543
Santa Clara	San Mateo	13,000	28,060	27,676	31,896	40,665	39,512	53,313	60,875
Santa Clara	Santa Clara	207,000	354,028	597,764	710,582	727,890	762,418	932,331	1,031,156
Santa Clara	Alameda	2,000	6,476	9,907	24,163	37,011	35,483	49,440	57,864
Santa Clara	Contra Costa	0	507	795	2,299	2,824	2,355	3,370	4,160
Santa Clara	Solano	0	121	64	121	581	406	633	908
Santa Clara	Napa	0	75	74	34	161	129	207	278
Santa Clara	Sonoma	0	91	149	116	505	379	873	1,710
Santa Clara	Marin	0	214	30	421	578	467	832	1,179
Santa Clara	Elsewhere	NA	NA	3,058	6,512	6,740	5,917	8,834	9,493
Santa Clara	TOTAL	229,000	398,624	646,955	783,680	824,901	854,368	1,060,514	1,180,166
Alameda	San Francisco	25,000	35,197	50,895	60,505	72,037	81,868	100,935	118,024
Alameda	San Mateo	3,000	11,378	15,125	26,633	33,501	40,081	47,134	54,397
Alameda	Santa Clara	4,000	10,684	27,474	53,139	69,669	89,267	91,411	99,553
Alameda	Alameda	310,000	342,111	387,411	433,159	453,859	516,337	600,705	692,298
Alameda	Contra Costa	8,000	13,016	18,913	34,613	35,518	38,214	46,090	56,546
Alameda	Solano	1,000	1,008	1,351	1,309	1,883	1,685	2,250	3,203
Alameda	Napa	0	235	72	211	340	346	492	677
Alameda	Sonoma	0	137	288	487	867	810	1,609	3,146
Alameda	Marin	1,000	647	1,119	2,723	3,745	3,653	5,492	7,684
Alameda	Elsewhere	NA	NA	1,137	2,510	3,558	3,615	4,858	5,601
Alameda	TOTAL	352,000	414,413	503,785	615,289	674,977	775,876	900,976	1,041,129
Contra Costa	San Francisco	10,000	20,491	38,236	47,678	49,524	63,508	72,960	74,767
Contra Costa	San Mateo	0	2,895	3,972	7,867	9,279	12,648	14,656	15,345
Contra Costa	Santa Clara	0	1,540	2,389	6,010	10,145	15,169	14,710	14,382
Contra Costa	Alameda	35,000	48,640	68,511	83,446	95,939	120,274	131,035	134,261
Contra Costa	Contra Costa	94,000	127,645	177,015	237,511	254,768	297,617	344,704	387,680
Contra Costa	Solano	2,000	2,152	3,648	6,060	6,506	6,800	8,433	10,394
Contra Costa	Napa	0	253	343	453	1,094	1,281	1,703	2,050
Contra Costa	Sonoma	0	169	175	428	1,037	1,081	2,018	3,487
Contra Costa	Marin	0	996	1,687	3,280	6,803	7,208	10,097	12,286
Contra Costa	Elsewhere	NA	NA	1,220	2,448	3,727	4,269	5,392	5,542
Contra Costa	TOTAL	141,000	204,781	297,196	395,181	438,822	529,855	605,708	660,194

Table A.4 (continued)

County-to-County Commuting in the San Francisco Bay Area, 1960-2030

1960-2000 Decennial Census, and MTC Forecasts based on ABAG Projections 2003

County of Residence	County of Work	1960	1970	1980	1990	2000	2010	2020	2030
Solano	San Francisco	1,000	1,249	4,371	9,805	10,385	15,681	17,161	16,672
Solano	San Mateo	0	359	827	2,577	2,880	4,692	5,265	5,185
Solano	Santa Clara	0	357	252	1,000	1,605	2,890	2,699	2,449
Solano	Alameda	1,000	1,450	4,817	10,326	12,587	18,683	19,162	18,099
Solano	Contra Costa	1,000	3,246	10,242	20,899	22,018	29,757	32,138	34,595
Solano	Solano	45,000	51,385	72,142	93,704	99,205	121,808	144,650	170,618
Solano	Napa	1,000	2,958	2,846	5,492	8,256	11,589	14,783	16,763
Solano	Sonoma	0	146	412	1,105	2,334	2,843	5,022	8,165
Solano	Marin	1,000	507	964	1,913	4,418	5,774	7,981	9,373
Solano	Elsewhere	NA	NA	3,113	6,533	8,918	13,436	17,005	16,908
Solano	TOTAL	50,000	61,657	99,986	153,354	172,606	227,153	265,866	298,827
Napa	San Francisco	0	458	549	1,044	1,305	1,689	1,633	1,443
Napa	San Mateo	0	119	149	286	462	626	609	546
Napa	Santa Clara	0	80	95	103	365	534	433	360
Napa	Alameda	0	796	880	1,087	1,229	1,545	1,392	1,205
Napa	Contra Costa	0	914	1,126	1,807	1,974	2,264	2,149	2,114
Napa	Solano	4,000	4,853	5,572	5,805	3,756	3,832	4,025	4,319
Napa	Napa	17,000	20,295	31,808	37,464	44,330	49,624	54,329	55,884
Napa	Sonoma	0	485	1,124	1,630	2,146	2,250	3,470	5,116
Napa	Marin	0	170	215	549	894	1,001	1,236	1,327
Napa	Elsewhere	NA	NA	144	438	529	584	647	621
Napa	TOTAL	21,000	28,170	41,662	50,213	56,990	63,949	69,923	72,935
Sonoma	San Francisco	1,000	3,652	6,489	8,357	8,192	11,750	8,464	5,589
Sonoma	San Mateo	0	268	883	1,528	1,633	2,460	1,768	1,178
Sonoma	Santa Clara	0	58	100	388	1,247	2,037	1,189	719
Sonoma	Alameda	0	364	826	1,839	2,367	3,323	2,224	1,429
Sonoma	Contra Costa	0	357	647	1,425	1,776	2,286	1,623	1,193
Sonoma	Solano	1,000	753	895	1,310	1,299	1,455	1,138	915
Sonoma	Napa	0	470	1,238	2,026	3,030	3,751	3,062	2,343
Sonoma	Sonoma	44,000	55,769	105,957	154,324	184,421	219,132	250,503	272,102
Sonoma	Marin	2,000	4,313	9,594	15,352	18,336	22,674	21,163	17,133
Sonoma	Elsewhere	NA	NA	681	1,307	1,323	1,386	1,276	1,055
Sonoma	TOTAL	48,000	66,004	127,310	187,856	223,624	270,254	292,410	303,656
Marin	San Francisco	19,000	31,191	37,662	33,656	30,893	37,572	34,424	31,034
Marin	San Mateo	0	2,201	2,591	3,212	2,614	3,364	3,082	2,810
Marin	Santa Clara	0	719	400	564	952	1,287	966	810
Marin	Alameda	1,000	2,312	3,526	5,256	4,729	5,613	4,707	4,066
Marin	Contra Costa	1,000	935	1,555	3,428	2,740	3,101	2,768	2,750
Marin	Solano	0	283	556	845	610	594	575	621
Marin	Napa	0	115	104	189	380	410	425	443
Marin	Sonoma	0	631	2,079	3,179	3,493	3,537	5,107	7,568
Marin	Marin	35,000	42,998	65,830	72,941	78,684	83,828	93,540	100,260
Marin	Elsewhere	NA	NA	191	237	469	491	506	467
Marin	TOTAL	56,000	81,385	114,494	123,507	125,564	139,797	146,100	150,829
Bay Area	San Francisco	444,000	452,197	508,643	547,339	573,895	620,572	691,669	750,386
Bay Area	San Mateo	127,000	203,282	252,809	305,929	340,392	368,592	429,254	465,125
Bay Area	Santa Clara	226,000	391,371	666,048	823,779	883,211	953,340	1,121,700	1,227,663
Bay Area	Alameda	357,000	413,663	497,745	591,286	643,339	736,759	846,373	949,180
Bay Area	Contra Costa	105,000	148,223	213,461	311,444	327,975	381,416	439,168	496,396
Bay Area	Solano	53,000	61,062	84,797	109,714	114,561	137,155	162,401	191,891
Bay Area	Napa	18,000	24,489	36,517	45,986	57,969	67,467	75,433	78,984
Bay Area	Sonoma	44,000	57,598	110,654	161,847	195,983	231,007	270,367	304,528
Bay Area	Marin	41,000	51,599	83,414	103,591	120,881	131,122	149,049	160,587
Bay Area	Elsewhere	NA	NA	10,286	21,681	26,703	30,974	40,139	41,456
Bay Area	TOTAL	1,415,000	1,803,484	2,464,374	3,022,596	3,284,909	3,658,404	4,225,553	4,666,196

Table A.4 (continued)**County-to-County Commuting in the San Francisco Bay Area, 1960-2030****1960-2000 Decennial Census, and MTC Forecasts based on ABAG Projections 2003**

County of Residence	County of Work	1960	1970	1980	1990	2000	2010	2020	2030
Elsewhere	San Francisco	NA	NA	2,345	3,496	5,358	8,059	8,572	9,516
Elsewhere	San Mateo	NA	NA	1,554	3,813	6,466	9,847	10,431	12,032
Elsewhere	Santa Clara	NA	NA	16,745	33,081	52,034	84,296	83,280	95,932
Elsewhere	Alameda	NA	NA	4,507	20,292	32,768	49,398	52,911	61,852
Elsewhere	Contra Costa	NA	NA	1,184	5,727	7,514	10,208	11,472	14,004
Elsewhere	Solano	NA	NA	2,511	6,020	7,448	7,800	8,668	11,409
Elsewhere	Napa	NA	NA	381	821	1,543	2,152	2,340	2,621
Elsewhere	Sonoma	NA	NA	876	1,928	3,301	4,922	6,934	10,253
Elsewhere	Marin	NA	NA	179	587	997	1,324	1,684	2,158
Elsewhere	Bay Area	NA	NA	30,282	75,765	117,429	178,006	186,292	219,777
TOTAL	San Francisco	444,000	452,197	510,988	550,835	579,253	628,631	700,241	759,902
TOTAL	San Mateo	127,000	203,282	254,363	309,742	346,858	378,439	439,685	477,157
TOTAL	Santa Clara	226,000	391,371	682,793	856,860	935,245	1,037,636	1,204,980	1,323,595
TOTAL	Alameda	357,000	413,663	502,252	611,578	676,107	786,157	899,284	1,011,032
TOTAL	Contra Costa	105,000	148,223	214,645	317,171	335,489	391,624	450,640	510,400
TOTAL	Solano	53,000	61,062	87,308	115,734	122,009	144,955	171,069	203,300
TOTAL	Napa	18,000	24,489	36,898	46,807	59,512	69,619	77,773	81,605
TOTAL	Sonoma	44,000	57,598	111,530	163,775	199,284	235,929	277,301	314,781
TOTAL	Marin	41,000	51,599	83,593	104,178	121,878	132,446	150,733	162,745
TOTAL	Bay Area	1,415,000	1,803,484	2,484,370	3,076,680	3,375,635	3,805,436	4,371,706	4,844,517

Note: "Elsewhere" is defined as Bay Area neighbor counties, including: Mendocino, Lake, Colusa, Yolo, Sacramento, Placer, San Joaquin, Stanislaus, Merced, San Benito, Monterey and Santa Cruz Counties. Interregional commute data was first collected in the 1980 Decennial Census.

Note: "TOTAL" is defined as the nine county Bay Area and the 12 neighbor counties.

Sources: 1960 Census data was adapted by staff of the Bay Area Transportation Study Commission.

1970, 1980, 1990 and 2000 Census data was derived from "journey-to-work" datasets, summarized by MTC staff.

2010, 2020 and 2030 forecasts are sketch planning commuter forecasts prepared by MTC staff using the Association of Bay Area Government's Projections 2003 data, and Census 2000 journey-to-work data.

Table A.5**Share of Commuters Living-and-Working in County-of-Residence***Share of Commuters Living-and-Working in County-of-Residence (Intra-County Commuters)*

County of Residence	1990	2000	2010	2020	2030
San Francisco	80.8%	77.5%	77.2%	77.9%	77.7%
San Mateo	58.4%	58.5%	58.9%	60.3%	60.8%
Santa Clara	90.7%	88.2%	89.2%	87.9%	87.4%
Alameda	70.4%	67.2%	66.5%	66.7%	66.5%
Contra Costa	60.1%	58.1%	56.2%	56.9%	58.7%
Solano	61.1%	57.5%	53.6%	54.4%	57.1%
Napa	74.6%	77.8%	77.6%	77.7%	76.6%
Sonoma	82.2%	82.5%	81.1%	85.7%	89.6%
Marin	59.1%	62.7%	60.0%	64.0%	66.5%
Mendocino	95.7%	95.0%	92.5%	93.1%	93.0%
Lake	85.3%	79.1%	77.5%	78.5%	78.7%
Colusa	91.9%	87.6%	90.8%	92.1%	92.7%
Yolo	67.5%	68.1%	68.5%	68.8%	68.8%
Sacramento	89.6%	86.2%	85.3%	85.4%	85.2%
Placer	60.2%	62.8%	66.2%	67.0%	67.4%
San Joaquin	84.1%	77.3%	74.9%	76.5%	75.5%
Stanislaus	84.2%	80.0%	76.5%	76.6%	75.9%
Merced	87.5%	78.4%	74.5%	76.4%	77.4%
San Benito	65.3%	51.6%	45.0%	47.4%	48.6%
Monterey	92.9%	90.0%	87.9%	89.3%	88.3%
Santa Cruz	78.2%	74.3%	73.3%	76.0%	75.1%
Northern California	77.3%	74.8%	73.7%	74.5%	74.8%
Nine-County Bay Area	74.1%	72.2%	71.0%	71.8%	72.4%

Table A.5 (continued)**Share of Commuters Living-and-Working in County-of-Residence*****Live-and-Work in County-of-Residence (Intra-County Commuters)***

County of Residence	1990	2000	2010	2020	2030
San Francisco	299,926	321,913	328,563	362,044	402,829
San Mateo	199,760	206,053	218,915	252,555	267,718
Santa Clara	710,582	727,890	762,418	932,331	1,031,156
Alameda	433,159	453,859	516,337	600,705	692,298
Contra Costa	237,511	254,768	297,617	344,704	387,680
Solano	93,704	99,205	121,808	144,650	170,618
Napa	37,464	44,330	49,624	54,329	55,884
Sonoma	154,324	184,421	219,132	250,503	272,102
Marin	72,941	78,684	83,828	93,540	100,260
Mendocino	32,152	35,442	41,492	47,170	52,723
Lake	13,983	15,549	20,326	25,243	30,036
Colusa	5,514	5,662	9,331	13,111	16,915
Yolo	42,014	50,504	63,547	77,349	87,724
Sacramento	422,648	453,371	546,553	622,264	671,690
Placer	46,242	69,500	110,833	128,514	142,899
San Joaquin	156,972	163,584	204,873	246,736	273,923
Stanislaus	122,634	134,505	164,083	186,707	204,213
Merced	57,135	55,014	70,923	87,770	104,439
San Benito	10,592	11,883	15,511	18,671	21,571
Monterey	140,476	146,298	175,035	217,393	245,911
Santa Cruz	87,841	93,081	112,523	137,541	156,980
Northern California	3,377,574	3,605,516	4,133,272	4,843,830	5,389,569

Total Commuters by County of Residence

County of Residence	1990	2000	2010	2020	2030
San Francisco	371,409	415,209	425,460	464,956	518,274
San Mateo	342,107	352,216	371,696	419,099	440,186
Santa Clara	783,680	824,899	854,367	1,060,513	1,180,167
Alameda	615,289	674,976	775,875	900,974	1,041,129
Contra Costa	395,181	438,821	529,853	605,708	660,194
Solano	153,354	172,606	227,152	265,865	298,828
Napa	50,213	56,990	63,949	69,925	72,935
Sonoma	187,856	223,624	270,255	292,408	303,657
Marin	123,507	125,563	139,797	146,101	150,829
Mendocino County	33,592	37,296	44,847	50,690	56,703
Lake County	16,391	19,662	26,233	32,143	38,153
Colusa County	6,001	6,466	10,272	14,238	18,243
Yolo County	62,231	74,145	92,724	112,404	127,433
Sacramento County	471,811	525,895	640,480	728,241	788,401
Placer County	76,874	110,620	167,425	191,840	211,886
San Joaquin County	186,579	211,619	273,537	322,588	362,670
Stanislaus County	145,630	168,150	214,602	243,851	268,909
Merced County	65,266	70,140	95,207	114,878	134,912
San Benito County	16,212	23,010	34,488	39,368	44,378
Monterey County	151,133	162,508	199,220	243,535	278,600
Santa Cruz County	112,389	125,269	153,526	180,993	209,044
Northern California	4,366,705	4,819,684	5,610,965	6,500,318	7,205,531

Table B.1
Total Population by MTC 34 Superdistrict & County, 2000-2030
ABAG Projections 2003, summarized from MTC Master Zonal Database

Total Population

Superdistrict	2000	2005	2010	2015	2020	2025	2030
1 Downtown San Francisco	125,742	130,866	135,213	138,776	143,585	152,599	162,818
2 Richmond District	206,546	211,530	213,718	214,196	215,139	219,161	223,553
3 Mission District	312,465	321,701	328,541	338,283	352,564	379,303	407,883
4 Sunset District	131,980	134,485	135,424	135,923	136,787	138,710	140,813
5 Daly City/San Bruno	287,439	296,220	303,208	313,662	324,998	333,043	337,173
6 San Mateo/Burlingame	201,522	211,296	217,962	226,444	231,820	235,927	238,137
7 Redwood City/Menlo Park	218,202	226,587	235,211	245,105	256,479	265,453	270,633
8 Palo Alto/Los Altos	168,940	174,214	177,889	183,504	190,980	195,639	201,295
9 Sunnyvale/Mountain View	225,943	239,451	255,377	272,446	292,901	309,078	325,072
10 Saratoga/Cupertino	309,254	322,498	331,546	338,260	344,540	348,417	352,385
11 Central San Jose	284,443	312,626	339,723	368,334	406,871	439,905	479,534
12 Milpitas/East San Jose	381,056	405,088	427,828	448,298	474,354	493,082	515,727
13 South San Jose/Almaden	215,121	223,694	231,118	237,117	242,956	245,937	248,325
14 Gilroy/Morgan Hill	97,828	110,727	123,908	129,729	136,765	143,709	151,825
15 Livermore/Pleasanton	171,652	198,163	222,773	234,516	249,515	266,314	288,409
16 Fremont/Union City	311,764	332,413	344,659	357,444	371,400	386,957	404,510
17 Hayward/San Leandro	351,568	370,034	378,624	387,389	398,840	410,183	422,329
18 Oakland/Alameda	454,351	473,598	486,217	505,426	525,431	553,493	588,074
19 Berkeley/Albany	154,406	160,184	162,611	167,897	173,293	178,831	184,952
20 Richmond/El Cerrito	242,439	252,984	260,786	273,577	285,587	290,892	298,804
21 Concord/Martinez	221,068	232,890	242,891	251,897	262,866	271,575	282,716
22 Walnut Creek/Lamorinda	139,416	144,162	150,624	154,688	159,106	161,288	164,363
23 Danville/San Ramon	114,919	125,878	134,205	143,379	152,764	158,630	165,399
24 Antioch/Pittsburg	230,974	257,276	283,192	305,762	324,878	334,006	346,004
25 Vallejo/Benicia	146,849	157,980	163,679	173,479	179,779	186,279	194,181
26 Fairfield/Vacaville	247,693	282,215	311,006	338,606	357,006	370,908	383,106
27 Napa	87,085	93,895	99,799	104,766	108,982	110,464	112,426
28 St. Helena/Calistoga	37,194	38,902	40,304	40,634	40,918	40,940	41,077
29 Petaluma/Sonoma	160,818	174,749	180,337	183,736	187,028	188,724	190,919
30 Santa Rosa/Sebastopol	219,409	235,269	251,182	259,590	266,695	270,298	275,304
31 Healdsburg/Cloverdale	78,387	87,791	93,885	96,185	97,784	98,483	99,483
32 Novato	54,506	56,816	60,674	64,072	66,270	67,568	68,668
33 San Rafael	103,658	106,622	110,190	111,933	112,658	113,879	114,709
34 Mill Valley/Sausalito	89,125	91,100	93,232	95,161	96,771	98,191	99,711
Bay Area	6,783,762	7,193,904	7,527,536	7,840,214	8,168,310	8,457,866	8,780,317
San Francisco	776,733	798,582	812,896	827,178	848,075	889,773	935,067
San Mateo	707,163	734,103	756,381	785,211	813,297	834,423	845,943
Santa Clara	1,682,585	1,788,298	1,887,389	1,977,688	2,089,367	2,175,767	2,274,163
Alameda	1,443,741	1,534,392	1,594,884	1,652,672	1,718,479	1,795,778	1,888,274
Contra Costa	948,816	1,013,190	1,071,698	1,129,303	1,185,201	1,216,391	1,257,286
Solano	394,542	440,195	474,685	512,085	536,785	557,187	577,287
Napa	124,279	132,797	140,103	145,400	149,900	151,404	153,503
Sonoma	458,614	497,809	525,404	539,511	551,507	557,505	565,706
Marin	247,289	254,538	264,096	271,166	275,699	279,638	283,088

Table B.2
Employed Residents by MTC 34 Superdistrict & County, 2000-2030
ABAG Projections 2003, summarized from MTC Master Zonal Database

Employed Residents

Superdistrict	2000	2005	2010	2015	2020	2025	2030
1 Downtown San Francisco	73,148	72,302	76,637	81,889	85,389	91,583	98,901
2 Richmond District	134,084	130,496	135,158	141,119	142,753	146,156	150,078
3 Mission District	167,499	163,848	171,347	183,400	191,780	205,791	221,159
4 Sunset District	70,119	67,966	70,158	73,386	74,375	75,771	77,363
5 Daly City/San Bruno	160,520	158,581	165,407	176,316	184,066	189,284	191,889
6 San Mateo/Burlingame	121,582	122,131	128,493	137,332	141,707	144,638	146,236
7 Redwood City/Menlo Park	120,981	120,085	127,090	136,648	143,923	149,383	152,576
8 Palo Alto/Los Altos	102,012	99,342	98,928	111,718	117,399	121,808	126,344
9 Sunnyvale/Mountain View	143,369	143,190	147,874	171,166	183,805	195,160	205,533
10 Saratoga/Cupertino	187,688	184,592	184,469	205,362	210,097	214,532	217,790
11 Central San Jose	147,350	153,455	162,310	192,298	213,833	233,432	254,990
12 Milpitas/East San Jose	195,876	196,687	202,164	231,821	247,183	259,651	272,475
13 South San Jose/Almaden	132,357	129,923	130,514	146,169	150,611	154,026	156,234
14 Gilroy/Morgan Hill	50,419	53,915	58,664	67,056	71,070	75,391	80,025
15 Livermore/Pleasanton	91,144	103,462	121,861	131,528	145,502	161,842	175,552
16 Fremont/Union City	163,435	171,426	186,028	196,587	210,711	228,837	239,371
17 Hayward/San Leandro	167,848	173,778	186,004	195,142	208,631	223,239	229,849
18 Oakland/Alameda	193,156	198,138	212,506	228,619	256,228	283,536	304,153
19 Berkeley/Albany	82,299	83,902	89,099	94,526	102,227	109,950	114,276
20 Richmond/El Cerrito	115,013	120,463	129,734	138,437	146,295	152,153	156,209
21 Concord/Martinez	123,127	130,162	141,523	149,076	157,170	165,715	172,317
22 Walnut Creek/Lamorinda	72,220	74,988	81,753	85,550	88,748	91,806	93,705
23 Danville/San Ramon	64,440	71,104	79,357	86,579	93,389	99,191	103,784
24 Antioch/Pittsburg	109,098	121,976	140,321	153,611	164,790	172,858	178,727
25 Vallejo/Benicia	67,583	74,351	81,046	86,612	91,927	99,270	103,452
26 Fairfield/Vacaville	111,934	130,850	152,056	167,189	180,677	195,329	202,047
27 Napa	46,778	49,454	52,233	55,854	58,082	59,746	60,862
28 St. Helena/Calistoga	20,333	20,847	21,566	21,843	21,918	22,054	22,135
29 Petaluma/Sonoma	83,406	92,630	97,854	102,198	104,806	106,921	108,285
30 Santa Rosa/Sebastopol	108,429	118,863	130,006	137,909	142,813	146,516	149,258
31 Healdsburg/Cloverdale	37,472	42,908	46,935	49,295	50,284	51,064	51,554
32 Novato	32,043	33,415	36,595	38,652	39,905	40,773	41,503
33 San Rafael	58,564	60,258	63,795	64,736	65,295	65,925	66,478
34 Mill Valley/Sausalito	50,348	51,628	54,207	55,310	56,198	57,199	58,119
Bay Area	3,605,674	3,721,116	3,963,692	4,294,933	4,543,587	4,790,530	4,983,229
San Francisco	444,850	434,612	453,300	479,794	494,297	519,301	547,501
San Mateo	403,083	400,797	420,990	450,296	469,696	483,305	490,701
Santa Clara	959,071	961,104	984,923	1,125,590	1,193,998	1,254,000	1,313,391
Alameda	697,882	730,706	795,498	846,402	923,299	1,007,404	1,063,201
Contra Costa	483,898	518,693	572,688	613,253	650,392	681,723	704,742
Solano	179,517	205,201	233,102	253,801	272,604	294,599	305,499
Napa	67,111	70,301	73,799	77,697	80,000	81,800	82,997
Sonoma	229,307	254,401	274,795	289,402	297,903	304,501	309,097
Marin	140,955	145,301	154,597	158,698	161,398	163,897	166,100

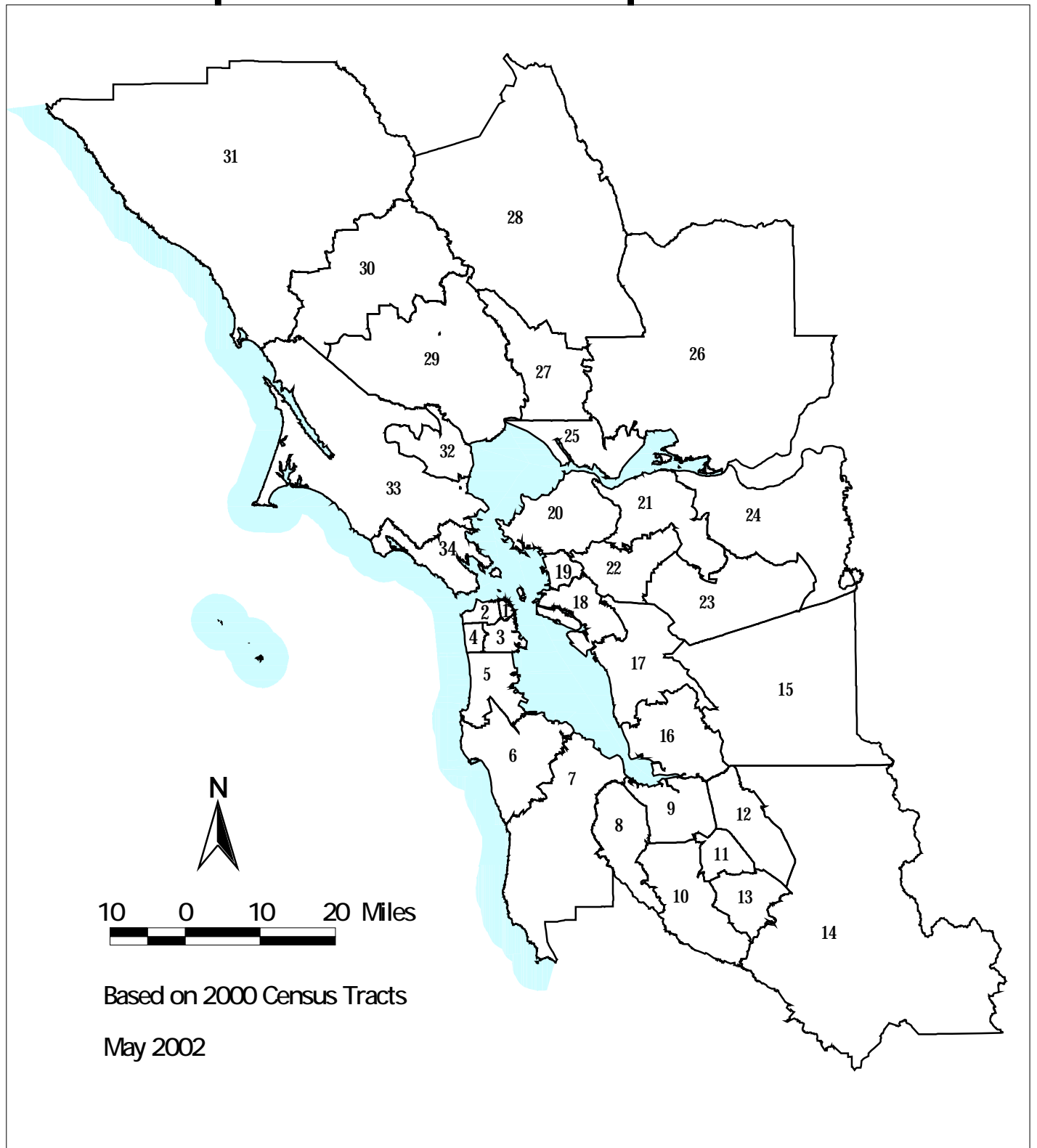
Table B.3
Total Employment by MTC 34 Superdistrict & County, 2000-2030
ABAG Projections 2003, summarized from MTC Master Zonal Database

Total Employment

Superdistrict	2000	2005	2010	2015	2020	2025	2030
1 Downtown San Francisco	386,582	394,745	422,528	448,311	460,918	474,992	489,651
2 Richmond District	81,534	78,013	84,044	89,406	94,007	98,141	103,263
3 Mission District	138,115	137,034	151,459	159,552	168,422	178,851	187,293
4 Sunset District	28,216	25,715	28,474	30,964	32,530	34,063	35,473
5 Daly City/San Bruno	163,295	162,678	175,729	192,727	206,974	215,917	227,295
6 San Mateo/Burlingame	111,981	112,581	120,753	129,730	136,548	140,860	144,940
7 Redwood City/Menlo Park	120,629	121,400	132,622	139,209	145,486	149,678	154,326
8 Palo Alto/Los Altos	179,489	178,677	187,303	193,295	197,260	200,189	202,998
9 Sunnyvale/Mountain View	372,465	370,145	405,981	434,244	448,595	460,962	474,130
10 Saratoga/Cupertino	145,643	144,506	159,760	169,175	173,655	178,214	183,784
11 Central San Jose	161,034	161,505	180,975	199,774	217,721	234,557	255,869
12 Milpitas/East San Jose	120,309	118,061	133,173	148,319	157,605	164,596	171,730
13 South San Jose/Almaden	71,208	69,742	77,532	84,559	89,825	94,778	101,265
14 Gilroy/Morgan Hill	42,200	43,255	54,462	69,828	78,173	85,508	91,876
15 Livermore/Pleasanton	119,075	125,067	147,351	161,938	173,191	188,875	211,513
16 Fremont/Union City	145,557	156,447	171,316	185,384	200,579	215,201	228,420
17 Hayward/San Leandro	163,593	170,622	180,335	191,719	202,056	210,460	216,889
18 Oakland/Alameda	216,170	227,273	250,208	264,465	279,334	291,806	306,476
19 Berkeley/Albany	107,279	110,994	115,866	117,852	120,257	122,270	124,068
20 Richmond/El Cerrito	76,291	82,650	88,335	93,081	97,845	104,419	111,526
21 Concord/Martinez	104,518	110,012	116,491	121,546	126,910	136,454	147,133
22 Walnut Creek/Lamorinda	82,823	86,439	91,379	92,544	93,665	96,279	98,481
23 Danville/San Ramon	53,803	58,697	66,743	72,210	77,684	79,334	80,629
24 Antioch/Pittsburg	43,670	47,263	55,960	68,764	80,437	88,963	98,643
25 Vallejo/Benicia	43,881	47,776	52,109	56,810	61,483	66,482	71,462
26 Fairfield/Vacaville	79,330	85,854	94,658	103,830	110,900	121,953	133,211
27 Napa	41,453	46,322	51,097	55,744	58,419	60,302	62,157
28 St. Helena/Calistoga	25,381	25,937	26,139	26,579	26,728	26,774	26,841
29 Petaluma/Sonoma	61,085	66,104	70,067	78,349	85,943	94,748	102,620
30 Santa Rosa/Sebastopol	123,534	136,135	149,165	159,710	169,803	179,595	187,674
31 Healdsburg/Cloverdale	20,602	22,022	23,625	25,654	27,672	29,360	30,719
32 Novato	27,878	28,582	32,455	38,201	41,499	43,864	45,295
33 San Rafael	52,911	54,042	57,002	59,412	61,029	62,457	63,854
34 Mill Valley/Sausalito	42,175	42,666	44,639	46,965	49,388	51,911	54,815
Bay Area	3,753,709	3,848,961	4,199,735	4,509,850	4,752,541	4,982,813	5,226,319
San Francisco	634,447	635,507	686,505	728,233	755,877	786,047	815,680
San Mateo	395,905	396,659	429,104	461,666	489,008	506,455	526,561
Santa Clara	1,092,348	1,085,891	1,199,186	1,299,194	1,362,834	1,418,804	1,481,652
Alameda	751,674	790,403	865,076	921,358	975,417	1,028,612	1,087,366
Contra Costa	361,105	385,061	418,908	448,145	476,541	505,449	536,412
Solano	123,211	133,630	146,767	160,640	172,383	188,435	204,673
Napa	66,834	72,259	77,236	82,323	85,147	87,076	88,998
Sonoma	205,221	224,261	242,857	263,713	283,418	303,703	321,013
Marin	122,964	125,290	134,096	144,578	151,916	158,232	163,964

Figure 1

Map of MTC's 34 Superdistricts



Bay Area and Adjacent Counties

