

distribution costs than can be reached from any other Pacific Coast city.

Rail

San Francisco is served directly by four Class I railroads operating more than 27,000 miles of line. These railroads with their connections thoroughly blanket California and neighboring states, and by means of seven major transcontinental routes and connecting routes provide fast, dependable service to and from all parts of the U. S., Canada and Mexico. Passenger trains second to none are operated to and from the city. Reciprocal switching arrangements are in effect, under which the line-haul carrier will absorb the charges of the switching carrier on competitive traffic. Over 50 railroads maintain off-line agencies here.

State Belt Railroad—These four railroads connect with the State Belt which serves the San Francisco piers and many industries near the waterfront. They absorb the Belt's switching charge on line-haul carload traffic and, in part, on interline switching movements subject to stated minimum revenue per car.

L. C. L. Service—Store-door pick-up and delivery service for less-than-carload traffic is available between San Francisco and practically all points in California and neighboring states, including over-night service to points in the San Joaquin and Sacramento valleys, along the Coast, and Los Angeles.

Water

Fast new freighters provide regular service between San Francisco and the Hawaiian Islands, Australia, New Zealand, the South Seas, the Orient, Central and South America, the West Indies, Europe, South Africa and North Africa, also the Atlantic and Gulf coasts of the U. S. Luxurious and reconverted passenger liners operate to the Hawaiian Islands, the Orient and around the world. Limited passenger accommodations are available on freighters to Australia, the Orient, Central and South America, Europe, Puerto Rico, South Africa, and the East Coast of the U. S. Barge services for bulk and general cargo are maintained to points on San Francisco Bay and connecting waters.

Highway

Truck Lines—Over forty common-carrier truck lines provide scheduled service between San Francisco and points in California and neighboring states. Over-night service is available to all important points in California and to southern Oregon and western Nevada. In addition, more than 600 truck operators having headquarters or agencies in San Francisco hold intrastate permits from the Public Utilities Commission of California or interstate permits from the Interstate Commerce Commission.

Bus Lines—Bus lines radiate north, east and south, providing frequent service between San Francisco and all important points in California and the eleven Western states. Four lines provide transcontinental service. Sightseeing buses operate between San Francisco and neighboring points of interest, as well as in the city proper. Buses and limousines are available for charter.

Air

San Francisco is the major air terminal of the Pacific. Its huge international airport is still being expanded under a multi-million-dollar program to accommodate a constantly-increasing flow of air traffic to and from all parts of the nation and the world.

Four of America's largest certified carriers, another which is the West's leading feeder service, four overseas lines, and the two leading air-freight lines all render service from San Francisco in many directions. There also are nine non-certificated lines. Many of the world's air lines which do not directly serve the city have ticket offices or traffic representatives here. Charter services also are available.

Two of the world's largest carriers have immense maintenance bases at the San Francisco airport, and other lines maintain servicing facilities which will be expanded under the development program now in pro-

gress. Plans have been completed for a new passenger terminal and administration building.

Charter services, flight training and facilities for private planes are available at many smaller airports in the vicinity of San Francisco.

MANUFACTURING

The manufacturing industries in San Francisco comprise an important part of the city's activities, leading the nine major fields of activity in San Francisco in insured employees and amount of payroll. About one-fifth of all the people covered by unemployment insurance engaged in industry and business in San Francisco were employed by the manufacturing industries in 1949. The ratio rose to one-third during the war period, due to emphasis on production of war goods, but the current trend is toward the pre-war ratio.

Many of the large key industries in the San Francisco Metropolitan Area, with their plants outside the corporate city limits, have their headquarters in San Francisco, from which they conduct their finances, purchases, and sales.

Manufacturing—Value Added by Manufacture—1947 U. S. Census

Industry Group	San Francisco	San Francisco Bay (Six-County Area)*
Total	\$410,326,000	\$1,049,490,000
Food and kindred products	122,446,000	244,184,000
Tobacco manufactures	(a)	(a)
Textile-mill products	2,477,000	13,033,000
Apparel and related products	35,815,000	38,021,000
Lumber and wood products	4,126,000	13,760,000
Furniture and fixtures	14,547,000	21,247,000
Paper and allied products	10,189,000	29,005,000
Printing and publishing	71,380,000	97,102,000
Chemicals and allied products	28,764,000	118,601,000
Petroleum and coal products	(a)	58,381,000
Rubber products	(a)	4,257,000
Leather and leather products	3,065,000	7,584,000
Stone, clay and glass products	1,998,000	30,621,000
Primary metal industries	5,612,000	60,820,000
Fabricated metal products	35,508,000	87,181,000
Machinery, except electrical	23,728,000	75,353,000
Electrical machinery	8,320,000	28,220,000
Transportation equipment	(a)	98,062,000
Instruments and related products	1,198,000	(a)
Miscellaneous manufactures	7,962,000	11,790,000
(a) Not reported		

Manufacturers—1947 U. S. Census

	Six-County Area	San Francisco
Number of establishments	3,671	1,990
Wage-earners	131,161	47,781
Wages	\$393,346,000	\$143,618,000
Value added	\$1,049,490,000	\$410,326,000
Plant equipment expenditures	\$110,699,000	\$28,306,000

Trend (a)	Average Production Workers	Annual Wages (millions)	Weekly Earnings	Average Hourly Earnings	Hours Per Week
1939	76,400	\$111	\$30.00	\$.808	37.1
1940	83,900	124	30.63	.820	37.4
1943	279,100	752	56.93	1.285	44.3
1944	255,700	721	59.67	1.333	44.8
1945	174,900	478	57.71	1.319	43.8
1946	113,800	278	51.30	1.316	39.0
1947	123,900	341	57.67	1.466	39.3
1948	116,400	341	61.16	1.594	38.4
1949	105,200	320	63.65	1.649	38.6

*Includes Alameda, Contra Costa, Marin, San Francisco, San Mateo and Solano Counties.

(a) California Department of Industrial Relations.

Expansion and New Plant Outlays—Reported during 1950 by 130 manufacturers in San Francisco amounted to \$11,572,400, and by 509 in the Bay Region amounted to \$104,118,877.

RETAIL TRADE AND SERVICE ESTABLISHMENTS

Retail Trade—Retail trade is one of the major activities among the business groups in San Francisco, ranking importantly in number of employees and amount of payroll. Sales in 1949 were estimated at \$1,247,370,000, compared to \$398,896,000 in 1940. Food store estimated sales in 1949 amounted to \$259,867,000; general merchandise store sales, to \$147,721,000; drug store