

## Section 12

# LABOR FORCE, EMPLOYMENT, AND EARNINGS

This section presents statistics on the size and composition of the labor force, employment by occupation, industry, class of worker, and place of work, payrolls, wage rates, hours, industrial safety, work disability, unionization, and strikes. Related series appear in Sections 3, 9, 10, and 19 through 23.

The civilian labor force averaged 514,000 in 1987; of this total, 495,000 persons were employed and 20,000 were unemployed and seeking work. The civilian jobcount rose from 399,000 in 1977 to 509,000 a decade later. (The jobcount differs from employment because the latter counts multiple jobholders--'moonlighters'--only once.) Areas with large concentrations of workers in 1980 included downtown Honolulu (46,000), Waikiki (30,000), and Pearl Harbor-Hickam (15,000). The unemployment rate averaged 3.8 percent in 1987, with individual island levels ranging from 3.5 to 14.9 percent. By occupation, one out of four civilian workers is classified as professional or managerial. Activities with especially large numbers of employees include services (126,000 in 1987), retail trade (103,000), and government (96,000). The average annual earnings of wage and salary workers under the Hawaii Employment Security Law reached \$19,060 in 1987, or 5.5 percent less than the 1977 average after adjustment for inflation. Average weekly hours in 1987 were 37.6 for all civilian workers and 44.1 for those on full-time schedules, and ranged from 30.7 (for retail trade) to 42.6 (for communication and utilities). Labor union membership was estimated at 154,000 in 1987-1988. Work stoppages in 1987 involved about 100 workers, the fewest in many years.

Principal sources for the data on labor force, employment, place of work, hours, earnings, unions and strikes are the decennial reports of the U.S. Bureau of the Census, the same agency's Current Population Survey, reports by the U.S. Bureau of Labor Statistics, monthly and annual tabulations by the Hawaii State Department of Labor and Industrial Relations, and annual surveys of pay rates by the Hawaii Employers Council. Historical Statistics of Hawaii, Section 4, includes figures for earlier years. Statistics for the nation as a whole are published in Section 13 of the Statistical Abstract of the United States: 1988.

Table 353.-- LABOR FORCE STATUS, BY SEX: 1950 TO 1980

Sex and labor force status	1950 <sup>1/</sup>	1960	1970	1980
BOTH SEXES				
Persons 16 years and over .....	351,375	402,937	522,018	723,479
Labor force .....	207,952	263,450	344,269	494,223
Armed forces .....	22,856	47,255	49,785	58,443
Civilian labor force .....	185,096	216,195	294,484	435,780
Employed .....	167,571	207,456	285,556	415,181
Unemployed .....	17,525	8,739	8,928	20,599
Percent of civ. labor force ....	9.5	4.0	3.0	4.7
Not in labor force .....	143,423	139,487	177,749	229,256
MALE				
Persons 16 years and over .....	197,864	219,822	272,726	370,683
Labor force .....	157,088	186,507	222,221	290,420
Armed forces .....	22,572	46,626	48,860	54,032
Civilian labor force .....	134,516	139,881	173,361	236,388
Employed .....	120,972	135,481	168,940	225,331
Unemployed .....	13,544	4,400	4,421	11,057
Percent of civ. labor force ....	10.1	3.1	2.6	4.7
Not in labor force .....	40,776	33,315	50,505	80,263
FEMALE				
Persons 16 years and over .....	153,511	183,115	249,292	352,796
Labor force .....	50,864	76,943	122,048	203,803
Armed forces .....	284	629	925	4,411
Civilian labor force .....	50,580	76,314	121,123	199,392
Employed .....	46,599	71,975	116,616	189,850
Unemployed .....	3,981	4,339	4,507	9,542
Percent of civ. labor force ....	7.9	5.7	3.7	4.8
Not in labor force .....	102,647	106,172	127,244	148,993

<sup>1/</sup> Data refer to persons 14 years and over.

Source: U.S. Bureau of the Census, U.S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii, PC(1)-13C (1962), tables 53 and 54, and Detailed Characteristics, Hawaii, PC(1)-13D (1962), table 115; 1970 Census of Population, General Social and Economic Characteristics, Hawaii, PC(1)-C13 (December 1971), table 53; 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 61.

Table 354.-- LABOR FORCE STATUS, BY COUNTIES: 1980

Subject	The State	Counties 1/			
		Hawaii	Honolulu	Kauai	Maui
Persons 16 years and over ..	723,479	67,205	574,903	28,629	52,598
Labor force .....	494,223	41,214	397,889	18,998	36,040
Percent of persons 16 years and over .....	68.3	61.3	69.2	66.4	68.5
Civilian labor force .....	435,780	41,006	339,863	18,789	36,040
Employed .....	415,181	38,150	324,113	18,223	34,613
Unemployed .....	20,599	2,856	15,750	566	1,427
Percent of civilian labor force .....	4.7	7.0	4.6	3.0	4.0
Not in labor force .....	229,256	25,991	177,014	9,631	16,558
Female, 16 years and over ..	352,796	33,160	279,711	13,871	25,998
Labor force .....	203,803	17,013	162,998	8,077	15,680
Percent of female, 16 years and over .....	57.8	51.3	58.3	58.2	60.3
Civilian labor force .....	199,392	17,007	158,618	8,052	15,680
Employed .....	189,850	15,875	151,089	7,756	15,095
Unemployed .....	9,542	1,132	7,529	296	585
Percent of civilian labor force .....	4.8	6.7	4.7	3.7	3.7
Not in labor force .....	148,993	16,147	116,713	5,794	10,318
Female, 16 years and over ..	352,796	33,160	279,711	13,871	25,998
With own children under 6 years .	62,606	6,679	48,648	2,632	4,647
In labor force .....	32,215	3,244	24,828	1,467	2,676
With own children 6 to 17 years only .....	65,359	5,661	52,415	2,681	4,602
In labor force .....	45,523	3,864	36,248	1,992	3,419

1/ Kalawao, net shown separately, is included in the State totals.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC 80-1-C13 (June 1983), tables 67 and 176.

Table 355.-- LABOR FORCE STATUS, BY AGE AND SEX: 1980

Sex and age	Total	Armed forces	Civilian labor force			Not in labor force
			Total	Em- ployed	Unem- ployed	
Persons 16 years and over	723,479	58,443	435,780	415,181	20,599	229,256
Male .....	370,683	54,032	236,388	225,331	11,057	80,263
16 to 19 years .....	37,481	5,598	14,441	12,658	1,783	17,442
20 to 24 years .....	59,293	21,970	30,569	28,079	2,490	6,754
25 to 54 years .....	192,705	26,207	153,456	147,844	5,612	13,042
55 to 64 years .....	43,030	248	30,282	29,346	936	12,500
65 years and over .....	38,174	9	7,640	7,404	236	30,525
Female .....	352,796	4,411	199,392	189,850	9,542	148,993
16 to 19 years .....	32,403	411	13,288	11,734	1,554	18,704
20 to 24 years .....	46,694	1,937	29,581	27,514	2,067	15,176
25 to 54 years .....	192,675	2,033	132,002	126,889	5,113	58,640
55 to 64 years .....	43,233	30	21,109	20,483	626	22,094
65 years and over .....	37,791	-	3,412	3,230	182	34,379
	Percent of total population in labor force		Percent of civilian population in civilian labor force		Percent of civilian labor force unemployed <sup>seeking work</sup>	
Age	Male	Female	Male	Female	Male	Female
Persons 16 years and over .	78.3	57.8	74.7	57.2	4.7	4.8
16 to 19 years .....	53.5	42.3	45.3	41.5	12.3	11.7
20 to 24 years .....	88.6	67.5	81.9	66.1	8.1	7.0
25 to 54 years .....	93.2	69.6	92.2	69.2	3.7	3.9
55 to 64 years .....	71.0	48.9	70.8	48.9	3.1	3.0
65 years and over .....	20.0	9.0	20.0	9.0	3.1	5.3

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C-13 (June 1983), table 67.

Table 356.-- PERCENT IN LABOR FORCE, BY SEX, BY COUNTIES: 1980

Sex	State total	Ha-waii	Hono-lulu	Kauai	Maui
Male, 16 years and over .....	78.3	71.1	79.6	74.0	76.5
Female, 16 years and over .....	57.8	51.3	58.3	58.2	60.3
With own children under 6 years ..	51.5	48.6	51.0	55.7	57.6

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 57.

Table 357.--LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGES, 1987

[Numbers in thousands]

Labor force status	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
Civilian noninstitutional population .	763	359	404	61
Civilian labor force .....	514	270	244	30
Percent of population .....	67.4	75.3	60.4	49.7
Employment .....	495	259	236	26
Percent of population .....	64.8	72.0	58.4	43.2
Unemployment .....	20	12	8	4
Rate <sup>1/</sup> .....	3.8	4.3	3.3	13.1
Not in civilian labor force .....	249	89	160	31

<sup>1/</sup> Percent of civilian labor force. The error ranges for these rates, at the 90-percent confidence interval, are: both sexes, 3.3-4.4; men, 3.5-5.1; women, 2.6-4.0; 16-19, 9.3-16.9.

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1987 (Bull. 2305, April 1988), p. 44.

Table 358.-- WORKER-NONWORKER RATIO: 1950 TO 1987

Subject	1950	1960	1970	1980	1987
Civilian population ...	479,219	578,884	714,771	907,635	1,024,000
Employed persons .....	167,571	207,456	285,556	415,181	495,000
Rest of population .....	311,648	371,428	429,215	492,454	529,000
Worker-nonworker ratio .....	0.54	0.56	0.67	0.84	0.94

Source: U.S. Census, 1950-1980; present report, tables 2 and 357.

Table 359.-- CIVILIAN LABOR FORCE, TOTAL AND FEMALE, BY RACE AND HISPANIC ORIGIN: 1987

[Thousands]

Race <u>1/</u>	Both sexes	Female	Race <u>1/</u>	Both sexes	Female
All races .....	514.0	235.0	Asian/Pacific -- con.:		
White .....	159.8	71.2	Korean .....	10.2	5.4
Asian/Pacific <u>2/</u> .....	341.9	158.2	Other Asian/Pac. ....	9.4	3.8
Japanese .....	160.6	76.4	Black .....	4.1	1.8
Filipino .....	70.6	31.6	Native American <u>3/</u> ....	1.4	0.6
Hawaiian .....	57.5	25.6	Race n.e.c. ....	8.0	3.3
Chinese .....	33.6	15.2	Hispanic <u>4/</u> .....	30.1	13.0

1/ Based on census definitions. Persons of mixed race are classified by self-identification or race of mother.

2/ Asians and Pacific Islanders include Japanese, Chinese, Filipino, Korean, Asian Indian, Vietnamese, Hawaiian, Guamanian, and Samoan residents.

3/ American Indian, Eskimo, or Aleut.

4/ Hispanics may be of any race.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Information for Affirmative Action Programs (April 1988), table 2.

Table 360.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:  
ANNUAL AVERAGES, 1970 TO 1986

Year	Civilian labor force	Civilian employment	Unemployed	
			Number	Percent
1970 ....	321,550	305,650	15,900	4.9
1971 ....	336,800	313,450	23,350	6.9
1972 ....	351,000	324,050	26,950	7.7
1973 ....	364,600	338,350	26,250	7.2
1974 ....	375,000	345,350	29,650	7.9
1975 ....	382,950	351,100	31,850	8.3
1976 ....	410,000	370,000	40,000	9.8
1977 ....	418,000	388,000	31,000	7.3
1978 ....	420,000	388,000	32,000	7.7
1979 ....	422,000	395,000	26,000	6.3
1980 ....	440,000	418,000	21,000	4.9
1981 ....	451,000	427,000	24,000	5.4
1982 ....	461,000	430,000	31,000	6.7
1983 1/ .	472,000	442,000	30,000	6.5
1984 I/ .	472,000	445,000	27,000	5.6
1985 I/ .	479,000	452,000	27,000	5.6
1986 I/ .	492,000	468,000	24,000	4.8
1987 ....	514,000	495,000	20,000	3.8

1/ Revised from Data Book 1987, table 366.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1988.

Table 361.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,  
FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1977 TO 1987

[Data for 1980 and later years are not directly comparable to estimates for earlier years. Island data may not add exactly to State totals in preceding table]

Year	Oahu	Hawaii County	Kauai County	Maui County			
				County total	Lanai	Maui	Molokai
<b>CIVILIAN LABOR FORCE</b>							
1977 .....	330,550	37,800	18,500	32,100	1,700	27,150	3,200
1978 .....	330,650	37,600	18,450	33,300	1,800	27,850	3,600
1979 .....	331,100	37,250	18,500	34,150	1,750	28,650	3,700
1980 .....	338,350	43,550	19,550	37,550	1,300	33,900	2,350
1981 .....	345,700	45,450	20,100	39,800	1,300	36,000	2,500
1982 .....	350,100	47,200	20,850	42,900	1,350	38,950	2,600
1983 .....	357,150	48,350	21,650	44,850	1,150	40,950	2,750
1984 .....	357,100	48,650	21,300	44,950	1,150	41,250	2,550
1985 1/ ...	359,600	50,400	22,050	46,950	1,050	43,550	2,300
1986 1/ ...	368,750	51,350	23,400	48,600	1,050	45,050	2,500
1987 .....	384,100	54,150	25,000	51,750	1,000	48,150	2,550
<b>CIVILIAN EMPLOYMENT</b>							
1977 .....	306,500	34,350	17,350	29,800	1,600	25,300	2,900
1978 .....	305,950	33,950	17,200	30,900	1,650	26,000	3,250
1979 .....	311,050	34,350	17,500	32,100	1,650	27,100	3,300
1980 .....	322,800	40,850	18,700	35,650	1,200	32,450	2,050
1981 .....	328,500	42,150	18,900	37,450	1,150	34,150	2,150
1982 .....	328,600	42,700	19,150	39,550	1,100	36,250	2,200
1983 .....	336,550	44,050	20,000	41,450	1,050	38,150	2,200
1984 .....	338,050	44,900	19,800	42,250	1,000	39,000	2,200
1985 1/ ...	341,150	46,150	20,550	44,150	850	41,300	2,000
1986 1/....	352,500	47,500	22,000	46,050	900	42,950	2,150
1987 .....	370,600	51,050	23,900	49,450	850	46,350	2,250

Continued on next page.



Table 361.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE, FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1977 TO 1987 -- Con.

Year	Oahu	Hawaii County	Kauai County	Maui County			
				County total	Lanai	Maui	Molokai
<b>UNEMPLOYED</b>							
1977 .....	24,050	3,450	1,200	2,350	150	1,900	300
1978 .....	24,700	3,650	1,200	2,400	200	1,850	400
1979 .....	20,050	2,900	1,000	2,050	100	1,550	400
1980 .....	15,550	2,700	850	1,900	100	1,500	350
1981 .....	17,150	3,350	1,150	2,350	150	1,900	300
1982 .....	21,500	4,500	1,700	3,300	250	2,700	400
1983 .....	20,600	4,300	1,650	3,400	100	2,800	550
1984 .....	19,100	3,750	1,500	2,700	150	2,200	350
1985 .....	18,450	4,250	1,500	2,800	200	2,250	300
1986 .....	16,200	3,850	1,400	2,550	100	2,100	350
1987 .....	13,550	3,100	1,100	2,250	150	1,800	300
<b>PERCENT UNEMPLOYED</b>							
1977 .....	7.3	9.1	6.4	7.3	8.0	6.9	10.0
1978 .....	7.5	9.8	6.5	7.3	10.4	6.6	10.5
1979 .....	6.1	7.8	5.3	6.0	5.4	5.5	10.7
1980 .....	4.6	6.2	4.3	5.1	8.1	4.4	14.2
1981 .....	5.0	7.3	5.8	5.9	10.6	5.2	12.9
1982 .....	6.1	9.5	8.2	7.7	18.0	6.9	15.2
1983 .....	5.8	8.9	7.7	7.6	9.0	6.8	19.4
1984 .....	5.3	7.7	7.0	6.0	11.3	5.4	13.8
1985 1/ ..	5.1	8.5	6.7	5.9	20.2	5.2	12.9
1986 1/ ..	4.4	7.5	6.0	5.3	11.8	4.7	13.2
1987 .....	3.5	5.7	4.4	4.4	14.9	3.8	11.8

1/ Revised from Data Book 1987, table 367.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), tables 2-8, as revised annually through April 1988.

Table 362.-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:  
NOVEMBER 1987

[Percent distribution. Includes all eligible claimants who filed new claims for unemployment insurance benefits during the month. Includes both intrastate and interstate agent claimants]

Characteristic	Percent	Characteristic	Percent
Total .....	100.0	Industry:	
Age:		Government .....	0.9
Under 22 years .....	2.4	Agriculture .....	6.1
22 to 24 years .....	6.3	Construction .....	30.8
25 to 34 years .....	30.8	Manufacturing .....	7.9
35 to 44 years .....	28.4	Trans., commun., util. ..	8.3
45 to 54 years .....	16.5	Wholesale, retail trade .	16.4
55 to 64 years .....	11.9	Fin., ins., real estate .	4.8
65 years and over .....	3.7	Services .....	18.2
Sex:		Hotel .....	2.7
Male .....	65.0	Others and not avail. ...	6.6
Female .....	35.0	Occupation:	
Race:		Prof., tech., mgr. ....	17.1
White .....	35.5	Clerical, sales .....	17.2
Black .....	1.9	Services .....	10.8
Indian .....	0.1	Farm, fish., forest. ....	3.6
Hispanic .....	1.1	Processing .....	0.8
Hawaiian .....	11.6	Machine trades .....	2.5
Chinese or Korean .....	4.5	Bench work .....	1.9
Filipino .....	16.5	Structural work .....	14.0
Japanese .....	12.8	Miscellaneous .....	7.5
Other .....	12.8	Not available .....	24.6
Not available .....	0.7	Duration:	
		1 to 4 weeks .....	36.1
		5 to 14 weeks .....	38.7
		15 weeks and over .....	25.2

Source: Hawaii State Department of Labor and Industrial Relations, Characteristics of the Insured Unemployed in Hawaii--1987.

Table 363.-- JOBCOUNT, BY COUNTIES: ANNUAL AVERAGES, 1970 TO 1987

[Persons holding more than one job are counted in each position. As a result, these data differ from corresponding estimates of employment, reported elsewhere in this section. Active-duty armed forces are excluded, unless also employed in civilian jobs. Also excludes persons not working because of labor disputes]

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1970 ....	331,580	270,310	28,410	12,540	20,320
1971 ....	339,070	276,260	29,000	12,960	20,840
1972 ....	349,950	285,900	29,450	13,050	21,550
1973 ....	365,050	298,900	30,150	13,600	22,250
1974 ....	374,650	306,350	31,000	13,600	23,650
1975 ....	380,900	308,550	32,350	14,550	25,400
1976 ....	387,000	312,100	33,000	15,250	26,600
1977 ....	398,600	319,900	34,100	15,900	28,450
1978 ....	417,500	334,400	35,400	16,650	30,950
1979 ....	434,450	348,150	36,300	17,200	32,650
1980 ....	448,150	357,900	38,200	18,400	33,850
1981 ....	449,900	357,350	39,050	18,300	35,150
1982 ....	446,050	352,150	39,050	18,300	36,600
1983 ....	453,750	357,100	39,850	18,900	37,850
1984 ....	461,000	362,200	41,000	18,950	38,950
1985 ....	473,150	369,800	42,400	19,900	41,100
1986 <sup>1/</sup> .	486,650	379,600	43,300	21,200	42,500
1987 ....	508,850	394,850	46,050	22,750	45,100

<sup>1/</sup> Revised from Data Book 1986, table 357.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1988; Labor Force Statistics, Bull. No. 70-F and 72-F.

Table 364.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1978 TO 1987

Industry	1978	1979	1980	1981	1982
Nonagriculture, wage and salary	377,300	394,000	404,100	404,800	399,400
Contract construction .....	20,650	23,400	23,950	21,900	17,850
Manufacturing .....	23,700	23,900	23,350	23,000	22,400
Durable goods .....	4,700	4,800	4,700	4,250	3,900
Nondurable goods .....	19,000	19,100	18,650	18,750	18,550
Food processing .....	11,700	11,600	11,150	11,150	11,150
Pineapple .....	3,200	3,200	2,900	2,800	2,750
Sugar .....	4,150	3,950	3,900	3,950	3,850
Other .....	4,300	4,400	4,350	4,350	4,550
Textile, apparel .....	3,250	3,300	3,050	2,950	2,850
Printing, publishing .....	2,850	2,950	3,100	3,150	3,150
Other nondurables .....	1,200	1,250	1,350	1,500	1,400
Transp., commun., utilities ..	28,800	30,500	31,200	31,900	31,200
Transportation .....	19,950	21,200	21,500	21,900	21,150
Communication .....	6,350	6,750	7,150	7,400	7,500
Utilities .....	2,500	2,500	2,550	2,600	2,550
Trade .....	97,900	102,900	105,250	105,450	104,850
Wholesale .....	17,200	18,300	18,600	18,700	18,500
Retail .....	80,700	84,650	86,700	86,750	86,300
Finance, insur., real estate .	28,850	31,500	32,850	31,700	31,500
Services and miscellaneous ...	90,300	95,350	98,450	101,900	101,200
Hotels .....	22,850	24,100	24,900	24,800	26,500
Other services, misc. ....	67,450	71,250	73,550	77,100	74,700
Government .....	87,050	86,500	89,050	89,000	90,300
Federal .....	29,350	29,700	30,000	30,350	31,500
Air Force .....	2,850	2,750	2,650	2,600	2,650
Army .....	4,500	4,250	4,100	4,300	4,650
Navy .....	11,750	11,850	11,950	12,500	13,100
Other .....	10,250	10,800	11,250	10,900	11,100
State .....	43,350	43,300	45,150	45,250	45,650
Local .....	14,350	13,500	13,900	13,350	13,150
Agriculture, wage and salary ...	11,550	10,850	10,650	11,550	11,300
Sugar .....	4,900	5,000	4,950	5,200	4,700
Pineapple .....	2,550	2,550	2,500	2,450	2,450
Other .....	4,100	3,300	3,200	3,950	4,150
Nonagric., self-employed <u>2/</u> ....	23,800	24,350	28,300	29,150	31,300
Agric., self-employed <u>3/</u> .....	4,700	4,550	4,600	4,350	3,950
Labor disputes .....	150	700	500	50	100

Continued on next page.

Table 364.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1978 TO 1987 -- Con.

Industry	1983	1984	1985	1986 <u>1/</u>	1987
Nonagriculture, wage and salary	406,200	412,650	425,750	438,550	458,950
Contract construction .....	17,800	15,800	17,150	18,650	20,950
Manufacturing .....	22,350	21,900	21,900	22,050	22,100
Durable goods .....	3,600	3,350	3,700	3,750	3,950
Nondurable goods .....	18,750	18,550	18,250	18,250	18,150
Food processing .....	11,250	10,750	10,050	10,100	10,100
Pineapple .....	2,550	2,150	1,900	2,000	2,050
Sugar .....	3,750	3,700	3,450	3,300	3,100
Other .....	4,900	4,900	4,700	4,850	4,950
Textile, apparel .....	2,900	2,950	3,300	3,350	3,200
Printing, publishing .....	3,150	3,350	3,450	3,400	3,400
Other nondurables .....	1,450	1,450	1,400	1,400	1,450
Transp., commun., utilities ..	31,100	31,950	33,200	34,200	36,650
Transportation .....	21,100	22,100	23,400	24,550	26,750
Communication .....	7,550	7,500	7,350	7,100	7,250
Utilities .....	2,450	2,400	2,450	2,550	2,650
Trade .....	106,850	111,400	115,650	117,950	123,359
Wholesale .....	18,400	18,900	19,550	19,550	20,400
Retail .....	88,450	92,450	96,100	98,400	102,950
Finance, insur., real estate .	31,900	31,850	31,950	33,150	33,950
Services and miscellaneous ...	104,950	107,950	112,650	118,750	126,350
Hotels .....	27,000	28,250	29,000	29,250	31,000
Other services, misc. ....	77,900	79,700	83,650	89,500	95,350
Government .....	91,300	91,850	93,300	93,850	95,600
Federal .....	32,100	32,100	32,400	32,100	32,350
Air Force .....	2,650	2,650	2,650	2,650	2,550
Army .....	4,850	5,000	5,400	5,600	5,600
Navy .....	13,350	12,950	12,700	12,150	11,900
Other .....	11,250	11,550	11,600	11,750	12,300
State .....	45,900	46,550	47,400	48,600	49,900
Local .....	13,300	13,200	13,500	13,150	13,400
Agriculture, wage and salary ...	11,200	10,800	10,400	10,150	10,550
Sugar .....	4,500	4,300	4,100	4,000	3,800
Pineapple .....	2,300	2,100	1,950	2,050	1,900
Other .....	4,400	4,400	4,350	4,100	4,800
Nonagric., self-employed <u>2/</u> ....	32,300	33,450	33,400	34,750	35,650
Agric., self-employed <u>3/</u> .....	3,900	3,650	3,500	3,200	3,700
Labor disputes .....	150	450	100	200	50

Footnotes and source follow next table.

Table 365.-- JOBCOUNT BY INDUSTRY, BY COUNTIES: ANNUAL AVERAGE, 1987

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Nonagriculture, wage and salary	458,950	366,150	35,100	19,250	38,400
Contract construction .....	20,950	16,500	1,900	750	1,750
Manufacturing .....	22,100	16,400	2,550	1,150	2,050
Durable goods .....	3,950	3,550	100	50	250
Nondurable goods .....	18,150	12,800	2,450	1,100	1,850
Food processing .....	10,100	5,550	2,000	950	1,550
Textile, apparel .....	3,200	3,100	(NS)	(NS)	(NS)
Printing, publishing ....	3,400	2,900	(NS)	(NS)	(NS)
Other nondurables .....	1,450	1,250	(NS)	(NS)	(NS)
Transp., commun., utilities .	36,650	30,100	2,050	2,050	2,450
Transportation .....	26,750	22,400	(NS)	(NS)	(NS)
Communication .....	7,250	5,800	(NS)	(NS)	(NS)
Utilities .....	2,650	1,850	(NS)	(NS)	(NS)
Trade .....	123,350	96,650	9,900	5,450	11,350
Wholesale .....	20,400	17,550	1,550	400	900
Retail .....	102,950	79,100	8,350	5,050	10,450
Finance, insur., real estate	33,950	28,450	1,800	1,150	2,550
Services and miscellaneous ..	126,350	97,600	9,600	5,850	13,300
Hotels .....	31,000	16,850	4,050	3,200	6,900
Other services, misc. ....	95,350	80,750	5,500	2,650	6,400
Government .....	95,600	80,450	7,350	2,900	4,950
Federal .....	32,350	31,050	700	250	350
Air Force .....	2,550	2,450	(NS)	(NS)	(NS)
Army .....	5,600	5,500	(NS)	(NS)	(NS)
Navy .....	11,900	11,800	(NS)	(NS)	(NS)
Other .....	12,300	11,300	(NS)	(NS)	(NS)
State .....	49,900	39,950	4,850	1,800	3,300
Local .....	13,400	9,400	1,850	850	1,300
Agriculture, wage and salary ..	10,550	2,750	3,700	1,300	2,750
Sugar .....	3,800	500	1,200	1,000	1,100
Pineapple .....	1,900	750	-	-	1,150
Other .....	4,800	1,500	2,500	300	550
Nonagric., self-employed <u>2/</u> ...	35,650	25,300	4,800	2,000	3,550
Agric., self-employed <u>3/</u> .....	3,700	650	2,450	200	400
Labor disputes .....	50	50	-	-	-

Z Fewer than 50.

NS Not shown separately.

1/ Revised from Data Book 1987, tables 371 and 372.

2/ Includes unpaid family workers and domestics.

3/ Includes unpaid family workers.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1988.

Table 366.-- LABOR FORCE AND JOB ESTIMATES AND PROJECTIONS: 1985 TO 2010

[Thousands. Annual averages. Series M-K projections, developed by DBED]

Subject	Estimates: 1985	Projections				
		1990	1995	2000	2005	2010
Civilian labor force 1/ (1,000) ....	479.0	543.8	599.1	646.5	683.4	721.7
Persons employed 1/.....	452.0	516.7	568.6	614.0	649.5	686.3
Total jobs (1,000) .....	541.5	611.0	665.5	713.1	750.4	789.1
Armed forces .....	68.4	68.4	68.4	68.4	68.4	68.4
Civilian jobs 1/ .....	473.1	542.6	597.0	644.7	682.0	720.6
Self-employed .....	36.9	42.3	46.6	50.3	53.2	56.2
Wage and salary jobs by sector .	436.2	500.2	550.5	594.4	628.8	664.4
Agriculture .....	10.4	10.9	11.3	11.7	12.0	12.4
Food processing .....	10.0	10.0	9.9	9.7	9.4	9.1
Miscellaneous manufacturing ..	11.9	12.7	13.3	13.9	14.5	15.0
Construction .....	17.2	21.2	23.3	25.0	26.1	27.1
Transportation, communication, and utilities .....	33.2	37.3	40.2	42.5	43.9	45.3
Trade (exc. eating & drinking)	75.6	88.4	97.7	106.2	113.0	120.0
Eating and drinking places ...	40.1	48.1	52.7	57.3	61.4	65.9
Finance, insurance, and real estate .....	31.9	35.4	39.2	41.6	42.9	44.5
Hotels .....	29.0	34.5	38.1	41.3	43.7	46.3
Other services .....	83.6	103.6	121.1	136.5	149.4	163.3
State and local government ...	60.9	65.8	70.7	75.3	78.8	81.4
Federal government 1/ .....	32.4	32.5	32.9	33.3	33.7	34.1

1/ Includes civilian employees of the armed forces.

Source: Hawaii State Department of Business and Economic Development, forthcoming report.

Table 367.-- EMPLOYMENT BY INDUSTRY: 1980 AND 1970

Industry	1980	1970
Employed persons 16 years and over .....	415,181	285,556
Agriculture, forestry, and fisheries .....	14,560	13,161
Mining .....	233	322
Construction .....	29,888	26,637
Manufacturing .....	32,914	31,188
Nondurable goods .....	21,234	21,173
Durable goods .....	11,680	10,015
Transportation, communications, and other public utilities .	36,478	26,403
Wholesale and retail trade .....	98,542	61,044
Finance, insurance, and real estate .....	31,648	14,356
Business and repair services .....	17,832	8,978
Personal services .....	31,288	20,301
Entertainment and recreation services .....	6,862	3,756
Professional and related services .....	73,363	48,310
Public administration .....	41,573	31,100

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 61.

Table 368.-- EMPLOYMENT BY CLASS OF WORKER: 1940 TO 1980

[Persons 14 years and over through 1960; 16 years and over, 1970 and 1980]

Class of worker	1940	1950	1960	1970	1980
All employed civilians ...	153,796	167,571	209,370	285,556	415,181
Private wage and salary workers	113,551	111,036	144,602	200,912	300,315
Government workers .....	18,553	34,400	46,078	70,547	90,401
Self-employed workers .....	15,967	19,192	17,009	12,832	22,965
Unpaid family workers .....	5,725	2,943	1,681	1,265	1,500

Source: U.S. Bureau of the Census, U.S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii, Final Report PC(1)-13C (February 1962), table 56; 1970 Census of Population, General Social and Economic Characteristics, Hawaii, PC(1)-C13 (December 1971), table 56; 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 67.



Table 369.-- OCCUPATION, BY SEX: 1980 AND 1970

Occupation	Both sexes		Females only	
	1980	1970	1980	1970
Employed persons 16 years and over ...	415,181	285,556	189,850	116,616
Managerial and professional specialty occupations .....	97,606	58,242	42,212	22,565
Executive, administrative, and managerial occupations .....	48,671	25,048	16,900	6,129
Professional specialty occupations .....	48,935	33,194	25,312	16,436
Technical, sales, and administrative support occupations .....	132,651	83,698	89,078	53,113
Technicians and related support occupation .....	11,982	7,442	4,501	2,027
Sales occupations .....	47,475	28,227	27,465	15,571
Administrative support occupations, including clerical .....	73,194	48,029	57,112	35,515
Service occupations .....	74,149	44,024	41,691	26,766
Private household occupations .....	1,547	2,131	1,376	2,024
Protective service occupations .....	7,578	4,304	855	143
Service occupations, except protective and household .....	65,024	37,589	39,460	24,599
Farming, forestry, and fishing occupations	14,154	12,572	2,785	2,118
Precision production, craft, and repair occupations .....	48,198	43,484	3,941	2,731
Operators, fabricators, and laborers .....	48,423	43,536	10,143	9,323
Machine operators, assemblers, and inspectors .....	14,000	13,589	5,730	5,743
Transportation and material moving occupations .....	16,430	13,767	1,132	472
Handlers, equipment cleaners, helpers, and laborers .....	17,993	16,180	3,281	3,108

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C-13 (June 1983), table 61.

Table 370.-- CLASS OF WORKER AND INDUSTRY, BY COUNTIES: 1980

Subject	The State	Counties 1/			
		Hawaii	Honolulu	Kauai	Maui
CLASS OF WORKER					
Employed persons 16 years and over .....	415,181	38,150	324,113	18,223	34,613
Private wage and salary workers .	300,315	27,226	231,719	13,885	27,461
Federal Government workers .....	32,244	909	30,207	508	617
State Government workers .....	43,814	4,945	34,268	1,715	2,838
Local Government workers .....	14,343	1,481	10,583	1,002	1,277
Self-employed workers .....	22,965	3,310	16,312	1,035	2,301
Unpaid family workers .....	1,500	279	1,024	78	119
INDUSTRY					
Employed persons 16 years and over .....	415,181	38,150	324,113	18,223	34,613
Agriculture, forestry, fisheries, and mining .....	14,793	4,272	5,662	1,762	3,096
Construction .....	29,888	3,477	21,423	1,621	3,367
Manufacturing .....	32,914	3,177	24,982	1,548	3,199
Nondurable goods .....	21,234	2,539	14,713	1,354	2,625
Durable goods .....	11,680	638	10,269	194	574
Transportation .....	25,392	1,524	21,174	1,015	1,677
Communications and other public utilities .....	11,086	812	8,771	668	835
Wholesale trade .....	16,089	1,477	13,286	462	857
Retail trade .....	82,453	6,683	66,358	3,089	6,319
Finance, insurance, and real estate .....	31,648	2,174	26,145	1,074	2,255
Business and repair services ....	17,832	1,251	14,726	527	1,328
Personal, entertainment, and recreation services .....	38,150	4,154	26,252	2,317	5,420
Professional and related services	73,363	6,378	59,927	2,713	4,339
Health services .....	22,390	1,700	18,429	873	1,384
Educational services .....	31,989	3,090	26,113	1,099	1,687
Other professional and related services .....	18,984	1,588	15,385	741	1,268
Public administration .....	41,573	2,771	35,407	1,427	1,921

1/ Kalawao, not shown separately, is included in the State totals.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), tables 67, 69, 176, and 178.

Table 371.-- OCCUPATION, BY COUNTIES: 1980

Occupation	The State	Counties <u>1/</u>			
		Hawaii	Honolulu	Kauai	Maui
Employed persons 16 years and over .....	415,181	38,150	324,113	18,223	34,613
Managerial and professional specialty occupations .....	97,606	7,648	79,934	3,499	6,510
Executive, administrative, and managerial occupations .....	48,671	3,518	39,971	1,545	3,630
Professional specialty occupations .....	48,935	4,130	39,963	1,954	2,880
Technical, sales, and administrative support occupations .....	132,651	9,956	109,521	4,554	8,605
Technicians and related support occupations .....	11,982	864	9,915	614	589
Sales occupations .....	47,475	3,996	38,367	1,683	3,428
Administrative support occupations, including clerical ...	73,194	5,096	61,239	2,257	4,588
Service occupations .....	74,149	6,283	56,939	3,742	7,168
Private household occupations .	1,547	134	1,116	135	162
Protective service occupations	7,578	609	6,010	388	569
Service occupations, except protective and household ....	65,024	5,540	49,813	3,219	6,437
Farming, forestry, and fishing occupations .....	14,154	3,927	5,838	1,509	2,872
Precision production, craft, and repair occupations .....	48,198	4,848	36,546	2,345	4,439
Operators, fabricators, and laborers .....	48,423	5,488	35,335	2,574	5,019
Machine operators, assemblers, and inspectors .....	14,000	1,308	10,887	518	1,282
Transportation and material moving occupations .....	16,430	2,123	11,274	1,054	1,979
Handlers, equipment cleaners, helpers, and laborers .....	17,993	2,057	13,174	1,002	1,758

1/ Kalawao, not shown separately, is included in the State totals.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), tables 68 and 177.

Table 372.-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:  
ANNUAL AVERAGES, 1987

Occupation	Both sexes	Men	Women
All occupations (number in thousands) .....	495	259	236
Percent .....	100.0	100.0	100.0
Managerial and professional specialty:			
Executive, administrative, and managerial .....	11.6	13.4	9.6
Professional specialty .....	13.5	12.1	15.0
Technical, sales, and administrative support:			
Technicians and related support .....	3.2	2.9	3.4
Sales .....	11.8	10.5	13.3
Administrative support, including clerical .....	17.4	6.9	29.0
Service occupations .....	19.9	17.1	23.0
Precision production, craft, and repair .....	9.6	17.2	1.2
Operators, fabricators, and laborers:			
Machine operators, assemblers, and inspectors ..	2.5	2.8	2.1
Transportation and material moving .....	3.7	6.5	0.6
Handlers, equipment cleaners, helpers, and laborers .....	3.8	6.2	1.1
Farming, forestry, and fishing .....	3.1	4.4	1.7

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1987 (Bull. 2305, April 1988), pp. 64-65.

Table 373.-- PLACE OF RESIDENCE AND PLACE OF WORK OF EMPLOYED PERSONS 16 YEARS AND OVER FOR THE CITY AND COUNTY OF HONOLULU, BY AREAS: 1980

[Residence and labor force status as of April 1; place of work as of preceding week. Includes armed forces. For census tract data, see Data Book 1987, pp. 359-361]

Area	Census tract equivalent	Workers by place of--	
		Residence	Work <u>1/</u>
County total .....	1.02-114	369,523	356,692
Honolulu CDP .....	1.02-72, 114	183,677	246,969
Waikiki .....	18.01-20.02	9,094	30,011
Ala Moana .....	37	1,326	18,578
Kakaako .....	38, 39	407	26,696
Central Business District ...	40, 42, 51, 52	3,193	33,478
Iwilei-Kalihi Kai .....	57-60	6,442	21,571
Airport .....	68.03-72	5,061	33,714
Other areas .....	-	158,154	82,921
Rest of Oahu .....	73-113	185,846	109,723
Ewa .....	73-89.03	93,223	42,044
Wahiawa .....	90-95.05	20,475	20,940
Waianae .....	96.01-98	9,611	4,327
Waialua .....	99.01-100	4,405	2,031
Koolauloa .....	101-102.02	5,711	2,214
Koolaupoko .....	103.02-113	52,409	19,337
Unknown .....	-	-	18,830

1/ Excludes residents who worked away from the City and County of Honolulu and nonresidents who worked within the area.

Source: U.S. Bureau of the Census, 1980 Census of Population and Housing, Census Tracts, Honolulu SMSA, PHC80-2-183 (1983), table P-9, and Urban Transportation Planning Package, printouts (March 1985).

Table 374.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES: 1977 TO 1987

Year	Number of employers, December <u>1/</u>	Average employment	Wages and salaries	
			Total (\$1,000)	Per worker (dollars)
INCLUDING GOVERNMENT				
1977 .....	17,831	366,555	3,996,746	10,903
1978 .....	18,847	383,451	4,459,594	11,630
1979 .....	19,639	400,963	4,983,844	12,429
1980 .....	19,988	412,281	5,585,489	13,548
1981 .....	20,190	414,830	6,002,943	14,471
1982 .....	20,259	408,791	6,281,953	15,367
1983 .....	20,937	413,767	6,668,001	16,115
1984 .....	21,288	421,821	7,050,512	16,714
1985 .....	21,945	434,400	7,530,505	17,335
1986 .....	24,510	446,756	8,072,318	18,069
1987 .....	24,686	468,027	8,920,628	19,060
EXCLUDING GOVERNMENT				
1982 .....	20,253	320,885	4,563,866	14,223
1983 .....	20,931	325,650	4,848,497	14,889
1984 .....	21,282	332,227	5,150,338	15,502
1985 .....	21,939	343,400	5,518,268	16,070
1986 .....	24,498	355,192	5,997,767	16,886
1987 .....	24,680	373,955	6,738,448	18,019
PRIVATE NON-AGRICULTURAL				
1982 .....	19,876	309,531	4,412,058	14,254
1983 .....	20,515	314,142	4,679,895	14,897
1984 .....	20,856	320,902	4,973,005	15,497
1985 .....	21,510	332,092	5,344,772	16,094
1986 .....	23,992	343,555	5,817,270	16,933
1987 .....	24,145	362,271	6,543,781	18,063

1/ Beginning in 1986, includes employers reporting 1 or more employees at any time during the year, even if they reported no employees for December.

Source: Hawaii State Department of Labor and Industrial Relations, Employment and Payrolls in Hawaii (annual) and records.

Table 375.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY COUNTIES: 1987

County or island	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
INCLUDING GOVERNMENT				
State total .....	24,686	468,027	8,920,628	19,060
City and Co. of Honolulu .	18,318	368,060	7,246,173	19,687
Hawaii County .....	2,650	37,843	639,353	16,895
Kauai County .....	1,199	20,446	331,939	16,235
Maui County .....	2,525	41,678	703,163	16,871
EXCLUDING GOVERNMENT				
State total .....	24,680	373,955	6,738,448	18,019
City and Co. of Honolulu .	18,315	289,184	5,398,093	18,667
Hawaii County .....	2,647	30,507	479,347	15,713
Kauai County .....	1,196	17,544	266,548	15,193
Maui County .....	2,522	36,720	594,460	16,189

Source: Hawaii State Department of Labor and Industrial Relations, 1987 Employment and Payrolls in Hawaii (September 1988).

Table 376.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY INDUSTRY: 1987

Industry	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
All industries .....	24,686	468,027	8,920,628	19,060
Government .....	6	94,072	2,182,181	23,197
Federal .....	1	33,678	930,019	27,615
State .....	1	46,979	946,844	20,155
County .....	4	13,416	305,318	22,758
Private .....	24,680	373,955	6,738,448	18,019
Agriculture, forestry, fisheries ...	535	11,684	194,666	16,661
Sugar .....	14	3,873	74,150	19,145
Pineapple .....	5	2,020	38,506	19,062
Other .....	516	5,791	82,010	14,162
Mining and contract construction ...	2,174	21,300	636,516	29,883
Manufacturing .....	939	21,423	430,252	20,084
Sugar mills .....	12	2,700	58,214	21,561
Pineapple canning .....	2	2,007	36,881	18,376
Other food processing .....	213	4,799	86,391	18,002
Other manufacturing .....	712	11,917	248,766	20,875
Transportation .....	1,048	26,918	579,798	21,539
Communications .....	103	7,271	227,382	31,272
Utilities .....	41	2,642	101,038	38,243
Wholesale trade .....	2,124	20,462	443,323	21,666
Retail trade .....	5,459	103,376	1,203,578	11,643
Eating and drinking places .....	1,870	43,747	385,482	8,812
Other retail trade .....	3,589	59,629	818,096	13,720
Finance, insurance, real estate ....	3,203	34,051	726,818	21,345
Services .....	8,955	124,506	2,188,725	17,579
Hotels, rooming houses, etc. ....	195	30,700	472,253	15,383
Medical and other health services	1,934	24,378	600,418	24,630
Other services .....	6,826	69,428	1,116,054	16,075
Nonclassifiable establishments .....	99	323	6,350	19,659

Source: Hawaii State Department of Labor and Industrial Relations, 1987 Employment and Payrolls in Hawaii (September 1988), pp. 5-6.



Table 377.-- AVERAGE ANNUAL WAGE FOR EMPLOYEES COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, IN CURRENT AND CONSTANT DOLLARS, BY CLASS OF WORKER: 1977 AND 1987

Class of worker	1977: current dollars	1987		Percent change, 1977-1987	
		Current dollars	1977 dollars <u>1/</u>	Current dollars	1977 dollars <u>1/</u>
All classes ..	10,903	19,060	10,303	74.8	-5.5
Federal .....	16,834	27,615	14,927	64.0	-11.3
State <u>2/</u> .....	12,133	20,155	10,895	66.1	-10.2
County .....	12,317	22,758	12,302	84.8	-0.1
Private .....	10,029	18,019	9,740	79.7	-2.9

1/ Deflated by the all-items consumer price index (CPI-U) for Honolulu. The all-items index increased 85.0 percent during this period.

2/ Average for 1977 is understated because of erroneous inclusion of uncovered student workers, omitted in 1987 data.

Source: Hawaii State Department of Labor and Industrial Relations, Employment and Payrolls in Hawaii (annual).

Table 378.-- NONGOVERNMENTAL REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 1987

Subject	All units	Employment-size class					
		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 or more
Reporting units ..	24,680	13,868	4,581	2,980	1,953	691	607
Employment .....	387,058	23,516	30,190	40,031	58,751	47,880	186,690

Source: Hawaii State Department of Labor and Industrial Relations, 1987 Employment and Payrolls in Hawaii (September 1988), p. 19.

Table 379.-- ANNUAL WAGES PER EMPLOYEE, TOTAL AND PRIVATE:  
1977 TO 1987

Year	Annual wages per employee (dollars)		Hawaii as percent of U.S.		Rank <u>1/</u>	
	Total	Private only	Total	Private only	Total	Private only
1977 .....	10,873	10,029	95.1	89.1	26	33
1978 .....	11,607	10,809	95.8	89.7	29	33
1979 .....	12,335	11,700	94.1	89.4	27	34
1980 .....	13,491	12,695	94.2	88.6	27	37
1981 .....	14,411	13,567	92.2	86.9	32	41
1982 .....	15,353	14,202	92.0	85.5	31	42
1983 .....	16,108	14,898	92.1	85.8	30	40
1984 .....	16,701	15,456	91.0	85.0	31	41
1985 .....	17,329	16,064	90.3	84.7	31	40
1986 .....	18,101	16,907	90.7	85.6	31	38
1987 .....	19,091	18,024	91.5	87.4	25	35

1/ Among 50 States and D.C.

Source: U.S. Bureau of Labor Statistics, Employment and Wages, Annual Averages (annual report) and Release USDL 88-413.

Table 380.--MINIMUM WAGE CHRONOLOGY: 1942 TO 1988

[Dollars per hour. As of July 1, unless otherwise specified]

Effective date	Oahu	Other islands	Effective date	State	Effective date	State
1942 <u>1/</u> ..	0.25	0.20	1958 .....	1.00	1975 .....	2.40
1943 .....	0.30	0.25	1962 .....	1.15	1978 .....	2.65
1945 .....	0.40	0.40	1964 <u>2/</u> ..	1.25	1979 .....	2.90
1953 .....	0.65	0.55	1969 .....	1.40	1980 .....	3.10
1955 .....	0.75	0.65	1970 .....	1.60	1981 .....	3.35
1957 .....	0.90	0.85	1974 .....	2.00	1988 <u>2/</u> ..	3.85

1/ At inception of minimum wage law, April 1, 1942.

2/ January 1.

Source: Hawaii State Department of Labor and Industrial Relations, records.

Table 381.-- HOURS AND EARNINGS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES,  
1982 TO 1987

Subject	1982	1983	1984	1985	1986	1987
Average weekly earnings (dollars)						
Contract construction .....	519.10	587.76	607.37	627.32	642.80	679.30
Manufacturing .....	301.68	317.68	318.14	323.51	344.65	366.42
Food and kindred products ..	281.86	291.65	292.98	303.32	321.40	341.01
Communication and utilities ..	486.41	486.22	512.09	542.15	582.15	608.75
Trade 1/ .....	214.14	225.12	225.72	228.72	231.62	235.95
Wholesale trade .....	290.67	302.13	309.75	311.04	326.10	328.90
Retail trade 1/ .....	189.95	199.69	198.13	200.95	200.26	206.30
Banking & credit agencies ....	222.49	237.73	237.78	267.80	291.78	297.11
Hotels .....	208.98	222.95	234.57	243.42	259.38	265.22
Average weekly hours						
Contract construction .....	35.8	37.2	36.9	36.6	36.9	38.4
Manufacturing .....	37.9	38.6	38.1	37.4	38.9	39.4
Food and kindred products ..	38.4	39.2	38.0	36.9	39.1	40.5
Communication and utilities ..	43.9	41.7	41.0	41.8	42.4	42.6
Trade 1/ .....	33.2	33.4	33.0	33.1	32.9	32.5
Wholesale trade .....	37.7	38.1	38.1	38.4	38.5	38.2
Retail trade 1/ .....	31.8	31.9	31.3	31.3	31.0	30.7
Banking & credit agencies ....	...	...	38.6	38.7	38.8	37.8
Hotels .....	32.5	32.5	33.8	33.3	34.4	33.7
Average hourly earnings (dollars)						
Contract construction .....	14.50	15.80	16.46	17.14	17.42	17.69
Manufacturing .....	7.96	8.23	8.35	8.65	8.86	9.30
Food and kindred products ..	7.34	7.44	7.71	8.22	8.22	8.42
Communication and utilities ..	11.08	11.66	12.49	12.97	13.73	14.29
Trade 1/ .....	6.45	6.74	6.84	6.91	7.04	7.26
Wholesale trade .....	7.71	7.93	8.13	8.10	8.47	8.61
Retail trade 1/ .....	5.97	6.26	6.33	6.42	6.46	6.72
Banking & credit agencies ....	...	...	6.16	6.92	7.52	7.86
Hotels .....	6.43	6.86	6.94	7.31	7.54	7.87

1/ Excludes eating and drinking establishments.

Source: Hawaii State Department of Labor and Industrial Relations,  
Labor Force Data Book (March 1978), as revised annually through April 1988.

Table 382.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS  
IN PRIVATE INDUSTRY: 1983 TO 1988

Job classification	1983	1984	1985	1986	1987	1988
MONTHLY RATES						
Junior typist .....	975	1,013	1,036	1,084	1,103	1,224
Clerk-stenographer .....	1,250	1,296	1,384	1,485	1,583	1,581
Secretary .....	1,256	1,341	1,407	1,461	1,516	1,597
Data entry operator .....	1,072	1,134	1,139	1,194	1,218	1,254
Bookkeeper, full-charge .....	1,580	1,647	1,707	1,794	1,865	2,034
Engineering drafting technician .....	1,804	1,898	1,952	1,891	2,049	2,057
Hospital attendant .....	1,018	1,057	1,101	1,135	1,171	1,232
Staff nurse .....	1,875	1,978	2,081	2,159	2,287	2,534
HOURLY RATES						
Housekeeper .....	5.580	5.806	6.078	6.412	6.714	7.183
Cook, general .....	8.048	8.308	8.626	8.950	8.747	9.074
Waiter/waitress .....	3.483	3.586	3.676	3.846	3.866	4.212
Laborer (light) .....	6.506	6.688	6.959	7.187	7.399	7.521
Carpenter (maintenance) .....	9.362	9.769	10.139	10.405	10.768	11.156
Electrician (maintenance) ...	10.745	11.243	11.529	12.191	12.486	13.148
Automotive mechanic .....	9.697	10.152	10.191	10.753	11.154	11.531
Truck driver (1.5-5 tons) ...	8.288	8.576	8.853	8.734	9.783	10.159

Source: Hawaii Employers Council, Pay Rates in Hawaii (annual).

Table 383.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTIES OR ISLANDS: 1988

[In dollars]

Job classification and year	State average	Kauai	Oahu	Maui County	Hawaii County
MONTHLY RATES					
Junior typist .....	1,224	...	1,221	...	...
Clerk-stenographer .....	1,581	...	1,562	...	...
Secretary .....	1,597	1,521	1,596	1,702	1,482
Data entry operator .....	1,254	1,400	1,246	...	1,334
Bookkeeper, full-charge ....	2,034	...	1,988	...	...
Engineering drafting technician .....	2,057	...	2,069	...	2,174
Hospital attendant .....	1,232	1,329	1,247	1,182	1,122
Staff nurse .....	2,534	2,382	2,541	2,365	...
HOURLY RATES					
Housekeeper .....	7.183	7.222	7.175	7.270	7.116
Cook, general .....	9.074	10.951	8.796	10.989	9.117
Waiter/waitress .....	4.212	4.397	4.149	4.451	4.284
Laborer (light) .....	7.521	7.471	7.601	7.537	6.515
Carpenter (maintenance) ....	11.156	10.826	11.481	11.501	9.876
Electrician (maintenance) ..	13.148	11.793	13.864	12.192	13.196
Automotive mechanic .....	11.531	10.610	12.446	11.277	10.557
Truck driver (1.5-5 tons) ..	10.159	...	10.924	8.617	8.682

Source: Hawaii Employers Council, Pay Rates in Hawaii (Special Publication No. 184, September 1988).

Table 384.-- MONTHLY AND HOURLY WAGE RATES FOR SPECIFIED JOB TITLES:  
1987

[In dollars. Data are shown for only a few of the more than 2,000 jobs listed in the source, primarily to suggest the type of information and occupational detail available there]

Job title	Data source	Pay period	Wage range	
			Low	High
Accountant .....	Private	Monthly	950	2,608
Cannery worker .....	Private	Hourly	3.35	4.50
Clerk, data entry .....	Private	Hourly	7.39	11.76
Engineer, civil IV .....	Local govt.	Monthly	2,076	3,291
Host/hostess .....	Private	Hourly	3.75	7.87
Laborer, shipyard .....	Private	Hourly	4.50	7.00
Nurse, licensed practical II ..	State govt.	Monthly	1,335	1,761
Professor (11 month) .....	State govt.	Monthly	3,320	5,315
Stenographer .....	Private	Monthly	1,019	1,818
Wordprocessing supervisor .....	Private	Monthly	900	

Source: Hawaii State Department of Labor and Industrial Relations, Selected Wage Information for Hawaii 1987 (October 1987).

Table 385.-- COMPENSATION PAID TO EXECUTIVES OF MAJOR CORPORATIONS  
AND LABOR UNIONS: 1987

Type of executive	Total	Less than \$100,000	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 or more <u>1/</u>
Corporate executives	34	-	6	19	7	2
Union executives ...	11	10	1	-	-	-

1/ The highest reported totals were \$1,200,000 for a corporation executive and \$115,534 for a union executive.

Source: Kit Smith, "For most top execs in Hawaii, it was a very rewarding year," Sunday Star-Bulletin & Advertiser, April 17, 1988, p. B-4.

Table 386.-- ANNUAL BASE SALARIES FOR SELECTED EXECUTIVE POSITIONS  
IN HOTELS AND RESORT CONDOMINIUMS: 1986

[\$1,000]

Position	Hotels			Resort condominiums		
	Low	Median	High	Low	Median	High
General manager .....	20	54	100	18	34	76
Food and beverage manager .	18	34	62	...	...	...
Executive chef .....	20	34	54	...	...	...
Front office manager .....	16	22	36	12	19	30
Reservations manager .....	16	22	48	16	19	24
Executive housekeeper .....	14	22	56	16	21	45
Controller .....	20	33	68	...	...	...
Chief engineer .....	16	36	54	16	22	40

Source: Pannell Kerr Forster, 1986 Hawaii Hotel and Resort Condominium Executive Compensation Survey Report (January 1987).

Table 387.-- WEEKLY HOURS OF WORK, FOR CIVILIAN WORKERS: ANNUAL AVERAGES;  
1987

Hours of work	Civilian workers (1,000)	Age, sex, or race	Average hours
Total at work .....	468	Total at work .....	37.6
		Full-time schedules <u>1/</u> .	44.1
1 to 14 hours .....	22		
15 to 29 hours .....	63	Men .....	39.9
30 to 34 hours .....	65	Women .....	35.1
35 to 39 hours .....	28		
40 hours .....	187	Both sexes, 15 to 19 years ....	24.4
41 to 48 hours .....	36		
49 hours and over .....	67	White .....	37.9

1/ Refers to persons who worked 35 hours or more during the survey week.

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1987 (Bulletin 2305, April 1988), pp. 77-80.

Table 388.-- INTERSTATE MOVEMENT OF JOB-SEEKERS: 1982 TO 1987

Type of job-seeker	1982	1983	1984	1985	1986	1987
Island workers on Mainland <u>1/</u> ..	5,372	4,414	4,123	4,039	3,664	3,805
Mainland workers in Hawaii <u>2/</u> ..	4,848	4,659	4,219	3,993	3,932	3,161
Ratio <u>3/</u> .....	90	106	102	99	107	83

1/ Interstate liable initial claims, excluding UCFE and UCX. Covers Hawaii workers seeking work and filing for benefits on Mainland. Includes Federal civilian employees and ex-servicemen.

2/ Interstate agent initial claims (UI), excluding UCFE and UCX. Covers Mainland workers filing claims for unemployment insurance and registered for work with the Hawaii State Employment Service.

3/ Interstate agent initial claims per 100 interstate liable initial claims. Ratios under 100 suggest a net out-migration of workers.

Source: Hawaii State Department of Labor and Industrial Relations, Unemployment Insurance Fact Book, 1970 to the Present, Hawaii (March 1988), p. 15.

Table 389.-- WORK DISABILITY STATUS OF NONINSTITUTIONAL CIVILIANS  
18 TO 64 YEARS OLD, BY SEX: 1980

[For selected characteristics of these groups, see Data Book 1987, table 394]

Work disability	Total	Male	Female
Total, 18 to 64 years .....	552,928	259,580	293,348
With no work disability .....	517,083	240,362	276,721
With a work disability .....	35,845	19,218	16,627
Not prevented from working .....	19,589	11,422	8,167
Prevented from working .....	16,256	7,796	8,460

Source: U.S. Bureau of the Census, 1980 Census of Population, Selected Characteristics of Persons With a Work Disability by State: 1980, PC80-S1-20 (November 1985), pp. 58-59.



Table 390.-- RECORDABLE OCCUPATIONAL INJURIES AND ILLNESSES OF  
 NONGOVERNMENTAL WORKERS: 1986

[Data exclude agricultural employers with fewer than 11 employees]

Subject	Total	Injuries	Illnesses
Recordable cases .....	26,519	26,132	387
Per 100 full-time workers .....	9.5	9.4	0.1
Lost workday cases .....	14,022	13,824	198
Lost workdays .....	222,088	217,453	4,635
Per lost workday case .....	16	16	23
Nonfatal cases without lost workdays.	12,481	12,297	184
Number of recordable cases:			
Agriculture .....	1,465	1,450	15
Mining .....	14	14	-
Construction .....	3,390	3,362	28
Manufacturing .....	2,730	2,701	29
Transportation, public utilities ..	2,513	2,491	22
Wholesale and retail trade .....	7,685	7,580	105
Finance, insurance, real estate ...	1,192	1,178	14
Services .....	7,530	7,356	174
Incidence per 100 full-time workers .			
Agriculture .....	16.6	16.4	0.2
Mining .....	3.6	3.6	-
Construction .....	21.4	21.2	0.2
Manufacturing .....	14.0	13.9	0.1
Transportation, public utilities ..	8.7	8.6	0.1
Wholesale and retail trade .....	9.0	8.9	0.1
Finance, insurance, real estate ...	4.0	3.9	(Z)
Services .....	8.3	8.1	0.3

Z Less than 0.05.

Source: Hawaii State Department of Labor and Industrial  
 Relations, 1986 Occupational Injuries and Illnesses Survey, State  
 of Hawaii, p. 5.

Table 391.-- WORK INJURIES, DEATHS, TIME LOST, AND  
COMPENSATION COSTS: 1981 TO 1986

Year	Accidents	Deaths	Time lost (compensated days)	Compensation costs (\$1,000)
1981 ...	44,320	36	894,058	66,950
1982 ...	40,521	47	1,057,504	90,778
1983 ...	39,013	48	1,141,746	103,338
1984 ...	38,755	35	1,307,011	122,454
1985 ...	37,940	49	1,262,513	136,837
1986 ...	39,390	47	1,067,462	127,367

Source: Hawaii State Department of Labor and Industrial Relations, Work Injury Statistics (annual).

Table 392.-- LABOR UNIONS AND EMPLOYEE ASSOCIATIONS: 1987-1988

Subject	Total	AFL-CIO affiliated	Independent
Unions and associations ...	69	47	22
Membership <u>1/</u> .....	154,000	95,000	59,000

1/ Data exclude 9 unions and associations not reporting membership.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Organizations & Affiliates, 1987-1988.

Table 393.-- UNION MEMBERSHIP: 1975 TO 1982

[Data represent annual average, dues-paying full-time equivalent membership derived from financial records. Excludes unemployed members]

Subject	1975	1980	1982
Union membership (in thousands) .....	117	129	126
Percent of nonagricultural employment ...	34.3	31.8	31.5

Source: Industrial Relations Data and Information Services, cited in Statistical Abstract of the United States: 1988, p. 401.

Table 394.-- COLLECTIVE BARGAINING AGREEMENTS: 1983 TO 1988

[Covers collective bargaining agreements subject to wage negotiations]

Year	Number of agreements	Workers covered		Duration over 2 years (percent)	
		Total	Per agreement	Agreements	Workers
1983 .....	1,019	68,000	67	90.3	20.4
1984 .....	901	26,200	29	93.7	76.7
1985 .....	350	58,450	167	74.3	11.7
1986 .....	138	13,550	98	60.2	44.1
1987 .....	1,375	80,400	58	96.4	42.9
1988 .....	433	16,290	38	88.7	52.5

Source: Helene S. Tanimoto, Duration of Collective Bargaining Agreements in Hawaii, 1988 (University of Hawaii at Manoa, Industrial Relations Center, Occasional Publication No. 161, December 1987).

Table 395.-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS  
BY EMPLOYING JURISDICTION: 1985 TO 1987

[Unless otherwise specified, as of December 31]

Employing jurisdiction	1985	1986	1987
Total .....	42,525	42,907	44,275
State of Hawaii .....	18,820	18,952	19,470
City and County of Honolulu .....	7,366	7,418	<u>1/</u> 7,736
County of Hawaii .....	1,338	1,346	1,407
County of Maui .....	988	1,028	1,053
County of Kauai .....	674	674	727
Dept. of Education .....	9,73	9,787	10,128
University of Hawaii .....	3,601	3,702	3,754

1/ As of February 29, 1988.

Source: Hawaii Labor Relations Board, HLRB Information Bulletin,  
No. 25, April 26, 1988, and earlier issues.

Table 396.-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS:  
1982 TO 1987

Year	Number of stoppages begun in year	Workers involved <u>1/</u>	Man-days idle during year	Percent of estimated nonagricultural working time
1982 .....	-	-	-	0
1983 .....	1	2,800	5,600	0.01
1984 .....	1	1,000	70,000	0.01
1985 .....	1	1,000	11,000	0.01
1986 .....	-	-	-	0
1987 .....	-	-	-	0

1/ Workers counted more than once if involved in more than one stoppage during year.

Source: U.S. Department of Labor, Bureau of Labor Statistics, records.

Table 397.-- WORK STOPPAGES: 1982 TO 1987

[Data exclude stoppages lasting less than one full shift (8 hours) and stoppages affecting fewer than 6 workers, and moreover are limited to stoppages begun or in progress during the week containing the 12th of each month]

Year	Number of stoppages <u>1/</u>	Workers involved <u>1/</u>	Man-days lost <u>2/</u>
1982 .....	7	911	14,480
1983 .....	7	2,838	44,411
1984 .....	6	2,063	123,486
1985 .....	9	1,990	32,257
1986 .....	6	1,266	49,533
1987 .....	4	99	14,392

1/ Stoppages carrying over from previous year are counted in both years.

2/ Partly estimated.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, records.