

## 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 516,000 in 1988; of this total, 500,000 persons were employed and 16,000 were unemployed and seeking work. The civilian jobcount rose from 417,000 in 1978 to 523,000 a decade later. (The jobcount differs from employment because the latter counts multiple jobholders--"moonlighters"--only once. Eight percent of all persons currently employed in the summer of 1988 held two or more jobs.) 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 3.2 percent in 1988, with individual island levels ranging from 2.8 to 8.9 percent. By occupation, one out of four civilian workers is classified as professional or managerial. Activities with especially large numbers of employees include services (132,000 in 1988), retail trade (107,000), and government (99,000). The average annual earnings of wage and salary workers under the Hawaii Employment Security Law reached \$20,454 in 1988, or 3.3 percent less than the 1978 average after adjustment for inflation. Average weekly hours in 1988 were 39.0 for all civilian workers and 44.6 for those on full-time schedules, and ranged from 30.6 (for retail trade) to 44.5 (for communication and utilities). Labor union membership was estimated at 154,000 in 1987-1988. Work stoppages in 1988 involved about 400 workers.

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: 1989.

Table 334.-- 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 335.--LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL  
POPULATION 16 YEARS AND OVER: ANNUAL AVERAGES, 1988

[Numbers in thousands]

Labor force status	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
Civilian noninstitutional population .	773	366	407	60
Civilian labor force .....	516	272	244	29
Percent of population .....	66.8	74.3	60.0	48.1
Employment .....	500	263	237	26
Percent of population .....	64.6	71.8	58.2	42.9
Unemployment .....	16	9	7	3
Rate <sup>1/</sup> .....	3.2	3.4	3.0	10.7
Not in civilian labor force .....	257	94	163	31

<sup>1/</sup> Percent of civilian labor force. The error ranges for these rates, at the 90-percent confidence interval, are: both sexes, 2.7-3.7; men, 2.6-4.1; women, 2.3-3.7; 16-19, 7.2-14.3.

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1988 (Bulletin 2327, May 1989), p. 38.

Table 336.-- LABOR FORCE PARTICIPATION RATES, BY SEX:  
ANNUAL AVERAGES, 1978 TO 1988

[Percent of civilian noninstitutional population 16 years  
and over in civilian labor force]

Year	Both sexes	Male	Female	Both sexes, 16 to 19 years
1978 .....	66.9	77.6	57.4	56.4
1979 .....	65.4	75.5	56.5	51.9
1980 .....	63.8	72.0	56.7	50.1
1981 .....	66.7	74.9	59.5	49.2
1982 .....	66.8	75.5	58.9	43.9
1983 .....	66.8	75.1	59.1	41.8
1984 .....	65.5	73.5	58.1	45.3
1985 .....	65.5	72.6	59.1	48.5
1986 .....	66.1	73.8	59.0	47.9
1987 .....	67.4	75.3	60.4	49.7
1988 .....	66.8	74.3	60.0	48.1

Source: U. S. Bureau of Labor Statistics,  
Geographic Profile of Employment and Unemployment  
(annual).

Table 337.-- CIVILIAN LABOR FORCE, TOTAL AND FEMALE, BY RACE AND HISPANIC ORIGIN: 1988

[Thousands]

Race <u>1/</u>	Both sexes	Female	Race <u>1/</u>	Both sexes	Female
All races .....	516.0	235.3	Asian/Pacific -- con.:		
White .....	159.8	71.2	Korean .....	10.1	5.4
Asian/Pacific <u>2/</u> .....	342.9	158.6	Other Asian/Pac. ....	9.4	3.8
Japanese .....	161.4	76.8	Black .....	4.0	1.8
Filipino .....	70.8	31.6	Native American <u>3/</u> ....	1.3	0.6
Hawaiian .....	57.5	25.6	Race n.e.c. ....	8.0	3.2
Chinese .....	33.6	15.2	Hispanic <u>4/</u> .....	30.0	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 1989), table 2.

Table 338.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:  
ANNUAL AVERAGES, 1970 TO 1988

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 ....	472,000	442,000	30,000	6.5
1984 ....	472,000	445,000	27,000	5.6
1985 ....	479,000	452,000	27,000	5.6
1986 ....	492,000	468,000	24,000	4.8
1987 1/ .	513,000	493,000	20,000	3.8
1988 ....	516,000	500,000	16,000	3.2

1/ Revised from Data Book 1988, table 360.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1989.

Table 339.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,  
FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1978 TO 1988

[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>							
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 1/ ...	350,100	47,200	20,800	42,900	1,300	38,950	2,600
1983 1/ ...	359,550	48,350	21,650	44,850	1,150	40,950	2,750
1984 1/ ...	357,050	48,650	21,300	44,950	1,150	41,250	2,550
1985 1/ ...	366,500	50,400	22,050	46,950	1,050	43,550	2,300
1986 1/ ...	368,700	51,300	23,400	48,600	1,050	45,050	2,500
1987 1/ ...	382,300	53,700	25,000	52,000	1,000	48,400	2,600
1988 .....	382,600	54,700	26,200	52,550	1,050	49,050	2,450
<b>CIVILIAN EMPLOYMENT</b>							
1978 1/ ...	305,950	33,950	17,200	30,850	1,650	26,000	3,250
1979 1/ ...	311,050	34,350	17,500	32,050	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 1/ ...	338,950	44,050	20,000	41,450	1,050	38,150	2,200
1984 1/ ...	337,950	44,900	19,800	42,250	1,000	39,000	2,200
1985 1/ ...	348,050	46,150	20,550	44,150	850	41,300	2,000
1986 .....	352,500	47,500	22,000	46,050	900	42,950	2,150
1987 .....	368,700	50,750	23,850	49,650	900	46,500	2,250
1988 .....	372,000	51,950	25,250	50,800	950	47,600	2,250

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Table 339.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE, FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1978 TO 1988 -- Con.

Year	Oahu	Hawaii County	Kauai County	Maui County			
				County total	Lanai	Maui	Molokai
<b>UNEMPLOYED</b>							
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 1/ ..	13,600	2,950	1,150	2,350	100	1,900	300
1988 .....	10,600	2,700	950	1,750	100	1,450	200
<b>PERCENT UNEMPLOYED</b>							
1978 1/ ..	7.5	9.8	6.5	7.3	10.4	6.6	10.6
1979 I/ ..	6.1	7.8	5.3	6.1	5.6	5.5	10.8
1980 I/ ..	4.6	6.2	4.2	5.1	8.0	4.4	14.0
1981 I/ ..	5.0	7.3	5.8	5.9	10.7	5.2	12.9
1982 I/ ..	6.1	9.5	8.1	7.7	17.5	6.9	15.2
1983 I/ ..	5.7	8.9	7.7	7.6	9.1	6.8	19.4
1984 .....	5.3	7.7	7.0	6.0	11.3	5.4	13.8
1985 1/ ..	5.0	8.5	6.7	5.9	20.2	5.2	12.9
1986 I/ ..	4.4	7.5	5.9	5.3	11.5	4.7	13.3
1987 I/ ..	3.6	5.5	4.6	4.5	10.8	3.9	12.4
1988 .....	2.8	5.0	3.7	3.3	7.6	3.0	8.9

1/ Revised from Data Book 1988, table 361.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), tables 2-8, as revised annually through April 1989.



Table 340.-- CHARACTERISTICS OF THE INSURED UNEMPLOYED: 1988

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

Characteristic	Percent	Characteristic	Percent
Total .....	100.0	Industry--con.:	
Age:		Fin., ins., real estate .	4.6
Under 22 years .....	3.3	Services .....	20.9
22 to 24 years .....	6.2	Hotel .....	3.8
25 to 34 years .....	33.1	Others and not avail. ...	7.7
35 to 44 years .....	29.0	Occupation:	
45 to 54 years .....	15.6	Prof., tech., mgr. ....	18.2
55 to 64 years .....	10.5	Clerical, sales .....	17.7
65 years and over .....	2.3	Services .....	11.3
Sex:		Farm, fish., forest. ....	5.0
Male .....	63.4	Processing .....	1.0
Female .....	36.6	Machine trades .....	2.1
Industry:		Bench work .....	1.1
Government .....	0.3	Structural work .....	13.2
Agriculture .....	8.2	Miscellaneous .....	8.3
Construction .....	25.9	Not available .....	22.1
Manufacturing .....	5.5	Duration:	
Trans., commun., util. ...	10.4	1 to 4 weeks .....	38.7
Wholesale, retail trade ..	16.5	5 to 14 weeks .....	38.8
		15 weeks and over .....	22.5

Source: Hawaii State Department of Labor and Industrial Relations, Characteristics of the Insured Unemployed in Hawaii--1988.

Table 341.-- JOBCOUNT, BY COUNTIES: ANNUAL AVERAGES, 1970 TO 1988

[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. Because of a change in the method of estimating nonagricultural self-employed and unpaid family workers, jobcount estimates for 1987 and 1988 are not exactly comparable to those for earlier years]

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 .....	486,650	379,600	43,300	21,200	42,500
1987 1/ .	504,900	391,750	45,600	22,450	45,100
1988 .....	523,450	404,200	47,650	24,450	47,100

1/ Revised from Data Book 1988, table 363.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1989; Labor Force Statistics, Bull. No. 70-F and 72-F.

Table 342.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1979 TO 1988

Industry	1979	1980	1981	1982	1983
Nonagriculture, wage and salary	394,000	404,100	404,800	399,400	406,200
Contract construction .....	23,400	23,950	21,900	17,850	17,800
Manufacturing .....	23,900	23,350	23,000	22,400	22,350
Durable goods .....	4,800	4,700	4,250	3,900	3,600
Nondurable goods .....	19,100	18,650	18,750	18,550	18,750
Food processing .....	11,600	11,150	11,150	11,150	11,250
Pineapple .....	3,200	2,900	2,800	2,750	2,550
Sugar .....	3,950	3,900	3,950	3,850	3,750
Other .....	4,400	4,350	4,350	4,550	4,900
Textile, apparel .....	3,300	3,050	2,950	2,850	2,900
Printing, publishing .....	2,950	3,100	3,150	3,150	3,150
Other nondurables .....	1,250	1,350	1,500	1,400	1,450
Transp., commun., utilities ..	30,500	31,200	31,900	31,200	31,100
Transportation .....	21,200	21,500	21,900	21,150	21,100
Communication .....	6,750	7,150	7,400	7,500	7,550
Utilities .....	2,500	2,550	2,600	2,550	2,450
Trade .....	102,900	105,250	105,450	104,850	106,850
Wholesale .....	18,300	18,600	18,700	18,500	18,400
Retail .....	84,650	86,700	86,750	86,300	88,450
Finance, insur., real estate .	31,500	32,850	31,700	31,500	31,900
Services and miscellaneous ...	95,350	98,450	101,900	101,200	104,950
Hotels .....	24,100	24,900	24,800	26,500	27,000
Other services, misc. ....	71,250	73,550	77,100	74,700	77,900
Government .....	86,500	89,050	89,000	90,300	91,300
Federal .....	29,700	30,000	30,350	31,500	32,100
Air Force .....	2,750	2,650	2,600	2,650	2,650
Army .....	4,250	4,100	4,300	4,650	4,850
Navy .....	11,850	11,950	12,500	13,100	13,350
Other .....	10,800	11,250	10,900	11,100	11,250
State .....	43,300	45,150	45,250	45,650	45,900
Local .....	13,500	13,900	13,350	13,150	13,300
Agriculture, wage and salary ...	10,850	10,650	11,550	11,300	11,200
Sugar .....	5,000	4,950	5,200	4,700	4,500
Pineapple .....	2,550	2,500	2,450	2,450	2,300
Other .....	3,300	3,200	3,950	4,150	4,400
Nonagric., self-employed <u>2/</u> ....	24,350	28,300	29,150	31,300	32,300
Agric., self-employed <u>3/</u> .....	4,550	4,600	4,350	3,950	3,900
Labor disputes .....	700	500	50	100	150

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Table 342.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1979 TO 1988 -- Con.

Industry	1984	1985	1986	1987 <u>1/</u>	1988
Nonagriculture, wage and salary	412,650	425,750	438,550	459,950	477,100
Contract construction .....	15,800	17,150	18,650	21,200	23,050
Manufacturing .....	21,900	21,900	22,050	21,900	22,300
Durable goods .....	3,350	3,700	3,750	3,950	4,250
Nondurable goods .....	18,550	18,250	18,250	17,950	18,050
Food processing .....	10,750	10,050	10,100	9,950	10,300
Pineapple .....	2,150	1,900	2,000	2,050	2,050
Sugar .....	3,700	3,450	3,300	3,050	2,950
Other .....	4,900	4,700	4,850	4,800	5,300
Textile, apparel .....	2,950	3,300	3,350	3,150	2,750
Printing, publishing .....	3,350	3,450	3,400	3,400	3,500
Other nondurables .....	1,450	1,400	1,400	1,450	1,450
Transp., commun., utilities ..	31,950	33,200	34,200	36,800	38,000
Transportation .....	22,100	23,400	24,550	26,900	27,900
Communication .....	7,500	7,350	7,100	7,250	7,450
Utilities .....	2,400	2,450	2,550	2,650	2,650
Trade .....	111,400	115,650	117,950	123,750	127,600
Wholesale .....	18,900	19,550	19,550	20,400	20,550
Retail .....	92,450	96,100	98,400	103,400	107,050
Finance, insur., real estate .	31,850	31,950	33,150	33,700	34,750
Services and miscellaneous ...	107,950	112,650	118,750	126,500	132,250
Hotels .....	28,250	29,000	29,250	31,250	34,500
Other services, misc. ....	79,700	83,650	89,500	95,250	97,750
Government .....	91,850	93,300	93,850	96,050	99,100
Federal .....	32,100	32,400	32,100	32,800	33,450
Air Force .....	2,650	2,650	2,650	2,550	2,450
Army .....	5,000	5,400	5,600	5,600	5,500
Navy .....	12,950	12,700	12,150	11,950	12,250
Other .....	11,550	11,600	11,750	12,650	13,250
State .....	46,550	47,400	48,600	49,900	51,850
Local .....	13,200	13,500	13,150	13,400	13,850
Agriculture, wage and salary ...	10,800	10,400	10,150	10,550	10,000
Sugar .....	4,300	4,100	4,000	3,800	3,700
Pineapple .....	2,100	1,950	2,050	1,900	1,750
Other .....	4,400	4,350	4,100	4,800	4,550
Nonagric., self-employed <u>2/</u> ....	33,450	33,400	34,750	30,700	32,750
Agric., self-employed <u>3/</u> .....	3,650	3,500	3,200	3,700	3,600
Labor disputes .....	450	100	200	50	100

Footnotes and source follow next table.

Table 343.-- JOBCOUNT BY INDUSTRY, BY COUNTIES: ANNUAL AVERAGE, 1988

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Nonagriculture, wage and salary	477,100	377,850	37,200	21,150	40,900
Contract construction .....	23,050	18,250	2,000	900	900
Manufacturing .....	22,300	16,600	2,550	1,050	2,050
Durable goods .....	4,250	3,800	150	(Z)	250
Nondurable goods .....	18,050	12,800	2,400	1,050	1,800
Food processing .....	10,300	5,850	2,050	900	1,500
Textile, apparel .....	2,750	2,700	(NS)	(NS)	(NS)
Printing, publishing ....	3,500	3,000	(NS)	(NS)	(NS)
Other nondurables .....	1,450	1,250	(NS)	(NS)	(NS)
Transp., commun., utilities .	38,000	31,150	2,200	2,350	2,300
Transportation .....	27,900	23,450	(NS)	(NS)	(NS)
Communication .....	7,450	5,850	(NS)	(NS)	(NS)
Utilities .....	2,650	1,900	(NS)	(NS)	(NS)
Trade .....	127,600	99,650	10,350	5,650	11,900
Wholesale .....	20,550	17,600	1,600	400	950
Retail .....	107,050	82,050	8,800	5,300	10,950
Finance, insur., real estate	34,750	29,300	1,800	1,100	2,550
Services and miscellaneous ..	132,250	99,750	10,500	7,000	15,000
Hotels .....	34,500	17,600	4,700	4,050	8,150
Other services, misc. ....	97,750	82,150	5,800	2,950	6,850
Government .....	99,100	83,100	7,750	3,050	5,200
Federal .....	33,450	31,950	750	300	400
Air Force .....	2,450	2,350	(NS)	(NS)	(NS)
Army .....	5,500	5,400	(NS)	(NS)	(NS)
Navy .....	12,250	12,150	(NS)	(NS)	(NS)
Other .....	13,250	12,100	(NS)	(NS)	(NS)
State .....	51,850	41,400	5,100	1,900	3,450
Local .....	13,850	9,750	1,850	850	1,400
Agriculture, wage and salary ..	10,000	2,650	3,550	1,200	2,550
Sugar .....	3,700	450	1,200	1,000	1,050
Pineapple .....	1,750	750	-	-	1,000
Other .....	4,550	1,450	2,400	250	500
Nonagric., self-employed <u>2/</u> ...	32,750	23,050	4,500	1,900	3,300
Agric., self-employed <u>3/</u> .....	3,600	650	2,400	200	350
Labor disputes .....	100	50	-	-	-

Footnotes and source on next page.

Table 343.-- JOBCOUNT BY INDUSTRY, BY COUNTIES: ANNUAL AVERAGE,  
1988 -- Con.

- Z Fewer than 50.  
 NS Not shown separately.  
 1/ Revised from Data Book 1988, tables 363 and 364.  
 2/ Includes unpaid family workers and domestics. Data for 1987 and 1988 are not comparable to earlier years.  
 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 1989.

Table 344.-- NUMBER OF JOBS HELD BY CURRENTLY EMPLOYED CIVILIANS,  
BY COUNTIES: JULY-AUGUST 1988

[Based on a telephone survey of 3,927 persons 18 years old or over.  
Excludes armed forces]

Number of jobs held	State total	Hono- lulu	Hawaii	Kauai	Maui
Currently employed ...	501,776	385,870	50,457	21,338	44,111
One job only .....	459,800	355,088	45,441	19,626	39,645
Full-time .....	382,936	294,579	37,007	16,798	34,552
Part-time .....	76,864	60,509	8,434	2,828	5,093
More than one job .....	39,808	28,897	4,809	1,636	4,466
Full-time and other .....	31,784	23,303	3,485	1,523	3,473
Several part-time .....	8,024	5,594	1,324	113	993
No response .....	2,168	1,885	207	76	-

Source: Hawaii State Department of Business and Economic Development, Tourism Branch, special tabulation from Hawaii Tourism Impact Survey 1988.

Table 345.-- 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 <sup>1/</sup> (1,000) ....	479.0	543.8	599.1	646.5	683.4	721.7
Persons employed <sup>1/</sup> .....	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 <sup>1/</sup> .....	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 <sup>1/</sup> .....	32.4	32.5	32.9	33.3	33.7	34.1

<sup>1/</sup> Includes civilian employees of the armed forces.

Source: Hawaii State Department of Business and Economic Development, Population and Economic Projections for the State of Hawaii to 2010 (Series M-K) (November 1988), p. 9.

Table 346.-- 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 347.-- 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 348.-- 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 349.-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:  
ANNUAL AVERAGES, 1988

Occupation	Both sexes	Men	Women
All occupations (number in thousands) .....	500	263	237
Percent .....	100.0	100.0	100.0
Managerial and professional specialty:			
Executive, administrative, and managerial .....	13.8	14.8	12.7
Professional specialty .....	13.5	12.0	15.1
Technical, sales, and administrative support:			
Technicians and related support .....	3.0	3.1	2.8
Sales .....	13.6	11.3	16.1
Administrative support, including clerical .....	15.2	5.8	25.6
Service occupations .....	17.6	15.2	20.3
Precision production, craft, and repair .....	9.6	17.0	1.2
Operators, fabricators, and laborers:			
Machine operators, assemblers, and inspectors ..	2.5	2.9	2.0
Transportation and material moving .....	3.7	6.4	0.8
Handlers, equipment cleaners, helpers, and laborers .....	3.5	5.5	1.3
Farming, forestry, and fishing .....	4.1	6.1	1.9

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1988 (Bulletin 2327, May 1989), pp. 58-59.

Table 350.-- 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
Waiialua .....	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 351.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES: 1978 TO 1988

Year	Number of employers, December 1/	Average employment	Wages and salaries	
			Total (\$1,000)	Per worker (dollars)
INCLUDING GOVERNMENT				
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
1988 .....	24,787	484,483	9,909,719	20,454
EXCLUDING GOVERNMENT				
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
1988 .....	24,781	389,024	7,564,054	19,444
PRIVATE NON-AGRICULTURAL				
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
1988 .....	24,211	376,884	7,341,568	19,480

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 352.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY COUNTIES: 1988

County or island	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
INCLUDING GOVERNMENT				
State total .....	24,787	484,483	9,909,719	20,454
City and Co. of Honolulu .	18,184	377,979	8,012,596	21,199
Hawaii County .....	2,758	40,085	711,148	17,741
Kauai County .....	1,260	22,178	388,207	17,504
Maui County .....	2,591	44,241	797,767	18,032
EXCLUDING GOVERNMENT				
State total .....	24,781	389,024	7,564,054	19,444
City and Co. of Honolulu .	18,181	298,531	6,042,523	20,241
Hawaii County .....	2,755	32,329	531,693	16,446
Kauai County .....	1,257	19,124	314,525	16,447
Maui County .....	2,588	39,040	675,313	17,298

Source: Hawaii State Department of Labor and Industrial Relations, 1988 Employment and Payrolls in Hawaii (September 1989).

Table 353.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY INDUSTRY: 1988

Industry	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
All industries .....	24,787	484,483	9,909,719	20,454
Government .....	6	95,459	2,345,665	24,572
Federal .....	1	33,783	950,402	28,133
State .....	1	47,817	1,057,285	22,111
County .....	4	13,859	337,978	24,387
Private .....	24,781	389,024	7,564,054	19,444
Agriculture, forestry, fisheries ...	570	12,140	222,486	18,327
Sugar .....	18	3,889	85,474	21,978
Pineapple .....	5	1,894	38,805	20,489
Other .....	547	6,357	98,207	15,449
Mining and contract construction ...	2,287	23,292	738,419	31,703
Manufacturing .....	928	21,711	468,916	21,598
Sugar mills .....	12	2,627	58,584	22,301
Pineapple canning .....	2	2,022	41,744	20,645
Other food processing .....	209	5,000	94,911	18,982
Other manufacturing .....	705	12,062	273,677	22,689
Transportation .....	1,062	28,051	639,164	22,786
Communications .....	105	7,567	240,762	31,817
Utilities .....	38	2,680	108,415	40,454
Wholesale trade .....	2,099	20,633	485,134	23,513
Retail trade .....	5,479	106,902	1,349,013	12,619
Eating and drinking places .....	1,921	44,605	429,107	9,620
Other retail trade .....	3,558	62,297	919,906	14,766
Finance, insurance, real estate ...	3,238	34,752	807,808	23,245
Services .....	8,951	131,237	2,502,550	19,069
Hotels, rooming houses, etc. ....	232	34,259	570,310	16,647
Health services .....	1,940	25,846	700,777	27,114
Other services .....	6,779	71,132	1,231,463	17,312
Nonclassifiable establishments .....	24	61	1,388	22,761

Source: Hawaii State Department of Labor and Industrial Relations, 1988 Employment and Payrolls in Hawaii (September 1989), pp. 5-6.

Table 354.-- 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: 1978 AND 1988

Class of worker	1978: current dollars	1988		Percent change, 1978-1988	
		Current dollars	1978 dollars <u>1/</u>	Current dollars	1978 dollars <u>1/</u>
All classes ..	11,630	20,454	11,245	75.9	-3.3
Federal .....	18,409	28,133	15,466	52.8	-16.0
State <u>2/</u> .....	12,414	22,111	12,156	78.1	-2.1
County .....	12,512	24,387	13,407	94.9	+7.2
Private .....	10,802	19,444	10,689	80.0	-1.0

1/ Deflated by the all-items consumer price index (CPI-U) for Honolulu. The all-items index increased 81.9 percent during this period.

2/ Average for 1978 is understated because of erroneous inclusion of uncovered student workers, omitted in 1988 data.

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

Table 355.-- NONGOVERNMENTAL REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 1988

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 ..	24,781	13,595	4,719	3,129	1,989	720	629
Employment .....	401,818	23,116	30,964	42,207	60,046	49,815	195,670

Source: Hawaii State Department of Labor and Industrial Relations, 1988 Employment and Payrolls in Hawaii (September 1989), p. 19.

Table 356.-- ANNUAL WAGES PER EMPLOYEE, TOTAL AND PRIVATE:  
1978 TO 1988

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
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
1988 .....	20,444	19,437	93.5	89.8	22	27

1/ Among 50 States and D.C.

Source: U.S. Bureau of Labor Statistics, Employment and Wages, Annual Averages (annual report).

Table 357.--MINIMUM WAGE CHRONOLOGY: 1942 TO 1989

[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 358.-- HOURS AND EARNINGS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES,  
1983 TO 1988

Subject	1983	1984	1985	1986	1987	1988
Average weekly earnings (dollars)						
Contract construction .....	587.76	607.37	627.32	642.80	679.30	710.22
Manufacturing .....	317.68	318.14	323.51	344.65	366.42	392.58
Food and kindred products ..	291.65	292.98	303.32	321.40	341.01	362.50
Communication and utilities ..	486.22	512.09	542.15	582.15	608.75	653.71
Trade 1/ .....	225.12	225.72	228.72	231.62	235.95	249.93
Wholesale trade .....	302.13	309.75	311.04	326.10	328.90	356.13
Retail trade 1/ .....	199.69	198.13	200.95	200.26	206.30	216.34
Banking & credit agencies ....	237.73	237.78	267.80	291.78	297.11	303.58
Hotels .....	222.95	234.57	243.42	259.38	265.22	279.53
Average weekly hours						
Contract construction .....	37.2	36.9	36.6	36.9	38.4	38.0
Manufacturing .....	38.6	38.1	37.4	38.9	39.4	40.1
Food and kindred products ..	39.2	38.0	36.9	39.1	40.5	41.1
Communication and utilities ..	41.7	41.0	41.8	42.4	42.6	44.5
Trade 1/ .....	33.4	33.0	33.1	32.9	32.5	32.5
Wholesale trade .....	38.1	38.1	38.4	38.5	38.2	38.5
Retail trade 1/ .....	31.9	31.3	31.3	31.0	30.7	30.6
Banking & credit agencies ....	...	38.6	38.7	38.8	37.8	37.9
Hotels .....	32.5	33.8	33.3	34.4	33.7	33.8
Average hourly earnings (dollars)						
Contract construction .....	15.80	16.46	17.14	17.42	17.69	18.69
Manufacturing .....	8.23	8.35	8.65	8.86	9.30	9.79
Food and kindred products ..	7.44	7.71	8.22	8.22	8.42	8.82
Communication and utilities ..	11.66	12.49	12.97	13.73	14.29	14.69
Trade 1/ .....	6.74	6.84	6.91	7.04	7.26	7.69
Wholesale trade .....	7.93	8.13	8.10	8.47	8.61	9.25
Retail trade 1/ .....	6.26	6.33	6.42	6.46	6.72	7.07
Banking & credit agencies ....	...	6.16	6.92	7.52	7.86	8.01
Hotels .....	6.86	6.94	7.31	7.54	7.87	8.27

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 1989.

Table 359.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS  
IN PRIVATE INDUSTRY: 1984 TO 1989

Job classification	1984	1985	1986	1987	1988	1989
MONTHLY RATES						
Junior typist .....	1,013	1,036	1,084	1,103	1,224	1,279
Clerk-stenographer .....	1,296	1,384	1,485	1,583	1,581	1,769
Secretary .....	1,341	1,407	1,461	1,516	1,597	1,680
Data entry operator .....	1,134	1,139	1,194	1,218	1,254	1,333
Bookkeeper, full-charge .....	1,647	1,707	1,794	1,865	2,034	1,914
Engineering drafting technician .....	1,898	1,952	1,891	2,049	2,057	2,216
Hospital attendant .....	1,057	1,101	1,135	1,171	1,232	1,306
Staff nurse .....	1,978	2,081	2,159	2,287	2,534	2,746
HOURLY RATES						
Housekeeper .....	5.806	6.078	6.412	6.714	7.183	7.503
Cook, general .....	8.308	8.626	8.950	8.747	9.074	9.082
Waiter/waitress .....	3.586	3.676	3.846	3.866	4.212	4.259
Laborer (light) .....	6.688	6.959	7.187	7.399	7.521	7.672
Carpenter (maintenance) .....	9.769	10.139	10.405	10.768	11.156	11.701
Electrician (maintenance) ...	11.243	11.529	12.191	12.486	13.148	13.447
Automotive mechanic .....	10.152	10.191	10.753	11.154	11.531	11.872
Truck driver (1.5-5 tons) ...	8.576	8.853	8.734	9.783	10.159	10.664

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

Table 360.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTIES OR ISLANDS: 1989

[In dollars]

Job classification and year	State average	Kauai	Oahu	Maui County	Hawaii County
MONTHLY RATES					
Junior typist .....	1,279	...	1,280	...	...
Clerk-stenographer .....	1,769	...	1,743	...	...
Secretary .....	1,680	1,596	1,679	1,784	1,518
Data entry operator .....	1,333	...	1,330	...	...
Bookkeeper, full-charge ....	1,914	...	1,921	...	...
Engineering drafting technician .....	2,216	...	2,214	...	...
Hospital attendant .....	1,306	1,378	1,314	1,212	...
Staff nurse .....	2,746	2,701	2,752	2,476	2,774
HOURLY RATES					
Housekeeper .....	7.503	7.615	7.490	7.620	7.270
Cook, general .....	9.082	11.063	8.762	11.356	...
Waiter/waitress .....	4.259	4.548	4.150	4.640	4.380
Laborer (light) .....	7.672	8.041	7.683	7.661	6.970
Carpenter (maintenance) ....	11.701	11.492	11.942	12.319	9.520
Electrician (maintenance) ..	13.447	11.855	13.682	13.017	15.511
Automotive mechanic .....	11.872	10.606	12.674	12.021	10.900
Truck driver (1.5-5 tons) ..	10.664	...	11.260	9.062	9.129

Source: Hawaii Employers Council, Pay Rates in Hawaii (Special Publication No. 191, September 1989).

Table 361.-- MONTHLY AND HOURLY WAGE RATES FOR SPECIFIED JOB TITLES:  
1989

[In dollars. Data are shown for only a few of the more than 6,000 job titles 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	1,000	2,686
Cannery/warehouse worker .....	Private	Hourly	5.25	6.80
Clerk, data entry .....	Private	Hourly	8.14	12.29
Engineer, civil .....	Local govt.	Monthly	1,818	5,533
Host/hostess .....	Private	Hourly	3.85	8.20
Laborer, general .....	Private	Hourly	3.85	15.45
Nurse, licensed practical .....	State govt.	Monthly	1,448	2,159
Police officer .....	Local govt.	Monthly	1,933	2,996
Professor .....	State govt.	Monthly	3,008	5,634
Stenographer .....	Private	Monthly	1,141	1,948

Source: Hawaii State Department of Labor and Industrial Relations, Selected Wage Information for Hawaii 1989 (November 1989).

Table 362.-- CASH COMPENSATION PAID TO EXECUTIVES OF MAJOR CORPORATIONS:  
1987 AND 1988

Year	Total	Less than \$250,000	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 or more	Highest (\$1,000)
1987 .....	34	6	19	7	2	1,200
1988 .....	29	3	16	8	2	1,500

Source: Sunday Star-Bulletin & Advertiser, April 17, 1988, p. B-4, and April 16, 1989, p. B-4.

Table 363.-- WEEKLY HOURS OF WORK, FOR CIVILIANS AT WORK: ANNUAL AVERAGES, 1980 TO 1988

Year	All civilians at work	Full-time schedules <u>1/</u>	Year	All civilians at work	Full-time schedules <u>1/</u>
1980 <u>2/</u> .....	37.0	43.0	1985 .....	38.2	44.4
1981 .....	36.7	43.0	1986 .....	38.3	44.3
1982 .....	37.4	43.1	1987 .....	37.6	44.1
1983 .....	37.9	43.2	1988 .....	39.0	44.6
1984 .....	37.8	43.5			

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

2/ Data for 1980 limited to nonagricultural wage and salary workers. Data on hours of work not available from this survey before 1980.

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment (annual).

Table 364.-- WEEKLY HOURS OF WORK, FOR CIVILIAN WORKERS: ANNUAL AVERAGES; 1988

Hours of work	Civilian workers (1,000)	Age, sex, or race	Average hours
Total at work .....	474	Total at work .....	39.0
		Full-time schedules <u>1/</u> .	44.6
1 to 14 hours .....	18	Men .....	41.1
15 to 29 hours .....	63	Women .....	36.6
30 to 34 hours .....	38	Both sexes, 15 to 19 years ....	25.3
35 to 39 hours .....	23	White .....	39.4
40 hours .....	214		
41 to 48 hours .....	34		
49 hours and over .....	84		

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, 1988 (Bulletin 2327, May 1989), pp. 71-75.

Table 365.-- INTERSTATE MOVEMENT OF JOB-SEEKERS: 1983 TO 1988

Type of job-seeker	1983	1984	1985	1986	1987	1988
Island workers on Mainland <u>1/</u> ..	4,414	4,123	4,039	3,664	3,805	3,942
Mainland workers in Hawaii <u>2/</u> ..	4,659	4,219	3,993	3,932	3,161	2,974
Ratio <u>3/</u> .....	106	102	99	107	83	80

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 (February 1989), p. 15.

Table 366.-- 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 367.-- RECORDABLE OCCUPATIONAL INJURIES AND ILLNESSES OF  
 NONGOVERNMENTAL WORKERS: 1987

[Data exclude agricultural employers with fewer than 11 employees]

Subject	Total	Injuries	Illnesses
Recordable cases .....	28,881	28,345	536
Per 100 full-time workers .....	9.8	9.6	0.2
Lost workday cases .....	15,601	15,395	206
Lost workdays .....	259,686	255,938	3,748
Per lost workday case .....	17	17	18
Nonfatal cases without lost workdays.	13,269	12,942	327
Number of recordable cases:			
Agriculture, forestry, fishing.....	1,383	1,338	45
Mining .....	27	24	3
Construction .....	3,889	3,827	62
Manufacturing .....	2,434	2,403	31
Transportation, public utilities ..	3,380	3,348	32
Wholesale and retail trade .....	8,704	8,586	118
Finance, insurance, real estate ...	891	838	53
Services .....	8,173	7,981	192
Incidence per 100 full-time workers .			
Agriculture, forestry, fishing ....	15.6	15.1	0.5
Mining .....	6.1	5.4	0.7
Construction .....	21.8	21.4	0.3
Manufacturing .....	12.0	11.9	0.2
Transportation, public utilities ..	10.6	10.5	0.1
Wholesale and retail trade .....	9.4	9.3	0.1
Finance, insurance, real estate ...	3.0	2.8	0.2
Services .....	8.7	8.5	0.2

Source: Hawaii State Department of Labor and Industrial Relations, 1987 Occupational Injuries and Illnesses Survey, State of Hawaii, p. 4.

Table 368.-- WORK INJURIES, DEATHS, TIME LOST, AND  
COMPENSATION COSTS: 1983 TO 1988

Year	Reported cases	Reported deaths	Time lost (compensated days)	Compensation costs (\$1,000)
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
1987 ...	43,108	45	1,266,460	159,196
1988 ...	50,101	46	1,445,052	178,930

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

Table 369.-- 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 370.-- COLLECTIVE BARGAINING AGREEMENTS: 1984 TO 1989

[Covers collective bargaining agreements subject to wage negotiations]

Year	Number of agreements	Workers covered		Duration over 2 years (percent)	
		Total	Per agreement	Agreements	Workers
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
1989 .....	104	50,950	490	76.9	14.9

Source: Helene S. Tanimoto, Duration of Collective Bargaining Agreements in Hawaii, 1989 (University of Hawaii at Manoa, Industrial Relations Center, Occasional Publication No. 163, January 1989).

Table 371.-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS BY EMPLOYING JURISDICTION: 1986 TO 1988

[Unless otherwise specified, as of December 31]

Employing jurisdiction	1986	1987	1988
Total .....	42,907	44,275	45,172
State of Hawaii .....	18,952	19,470	19,690
City and County of Honolulu .....	7,418	<sup>1/</sup> 7,736	7,822
County of Hawaii .....	1,346	1,407	1,434
County of Maui .....	1,028	1,053	1,106
County of Kauai .....	674	727	640
Dept. of Education .....	9,787	10,128	10,592
University of Hawaii .....	3,702	3,754	3,888

<sup>1/</sup> As of February 29, 1988.

Source: Hawaii Labor Relations Board, HLRB Information Bulletin, No. 26, March 6, 1989, and earlier issues.

Table 372.-- WORK STOPPAGES: 1983 TO 1988

[Data exclude stoppages lasting less than one full shift (8 hours) and stoppages affecting fewer than 6 workers. Data 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>
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
1988 .....	6	410	25,057

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.

Table 373.-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS: 1983 TO 1988

Year	Number of stoppages begun in year	Workers involved <u>1/</u>	Man-days idle during year	Percent of estimated nonagricultural working time
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
1988 .....	-	-	-	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.