

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 525,000 in 1989; of this total, 511,000 persons were employed and 13,000 were unemployed and seeking work. The civilian jobcount rose from 434,000 in 1979 to 551,000 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 2.6 percent in 1989, with individual island levels ranging from 2.1 to 9.5 percent. By occupation, one out of four civilian workers is classified as professional or managerial. Activities with especially large numbers of employees include services (145,000 in 1989), retail trade (111,000), and government (101,000). 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 1989 were 39.4 for all civilian workers and 46.0 for those on full-time schedules, and ranged from 30.4 (for retail trade) to 44.8 (for communication and utilities). Labor union membership was estimated at 161,000 in 1990. Work stoppages in 1989 involved only 48 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: 1990.

Table 341.-- LABOR FORCE STATUS, BY SEX: 1950 TO 1980

Sex and labor force status	1950 ^{1/}	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

1/ 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 342.--LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGES, 1988 AND 1989

[Numbers in thousands]

Labor force status	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
1988				
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 1/	3.2	3.4	3.0	10.7
Not in civilian labor force	257	94	163	31
1989				
Civilian noninstitutional population .	790	366	424	54
Civilian labor force	525	271	254	26
Percent of population	66.4	74.1	59.9	47.8
Employment	511	264	248	23
Percent of population	64.7	72.1	58.3	43.1
Unemployment	13	7	6	3
Rate 2/	2.6	2.6	2.5	9.8
Not in civilian labor force	265	95	170	28

1/ 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.

2/ Percent of civilian labor force. The error ranges for these rates, at the 90-percent confidence level, are: both sexes, 2.1-3.0; men, 1.9-3.2; women, 1.9-3.2; 16-19, 6.0-13.6.

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1988 (Bulletin 2327, May 1989), p. 38, and Geographic Profile of Employment and Unemployment, 1989 (Bulletin 2361, May 1990), p. 38.

Table 343.-- LABOR FORCE PARTICIPATION RATES, BY SEX:
ANNUAL AVERAGES, 1979 TO 1989

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

Year	Both sexes	Male	Female	Both sexes, 16 to 19 years
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
1989	66.4	74.1	59.9	47.8

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

Table 344.-- CIVILIAN LABOR FORCE, TOTAL AND FEMALE, BY RACE AND HISPANIC ORIGIN: 1989

[Thousands]

Race <u>1/</u>	Both sexes	Female	Race <u>1/</u>	Both sexes	Female
All races	525.0	238.8	Asian/Pacific -- con.:		
White	162.3	72.2	Korean	10.2	5.4
Asian/Pacific <u>2/</u>	348.4	161.0	Other Asian/Pac.	9.4	3.8
Japanese	164.2	78.1	Black	4.0	1.7
Filipino	72.2	32.2	Native American <u>3/</u>	1.4	0.6
Hawaiian	58.4	26.1	Race n.e.c.	8.0	3.3
Chinese	34.0	15.4	Hispanic <u>4/</u>	30.4	13.2

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 1990), table 2.

Table 345.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:
ANNUAL AVERAGES, 1970 TO 1989

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/ .	514,000	494,000	20,000	3.8
1988 1/ .	518,000	502,000	16,000	3.2
1989	525,000	511,000	13,000	2.6

1/ Revised from Data Book 1989, table 338.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1990.

Table 346.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1979 TO 1989

[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
CIVILIAN LABOR FORCE							
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	1,250	36,000	2,500
1982 1/ ...	350,100	47,200	20,800	42,850	1,300	38,950	2,600
1983 I/ ...	357,100	48,350	21,650	44,850	1,150	40,950	2,750
1984 I/ ...	357,100	48,650	21,300	44,950	1,150	41,250	2,550
1985 I/ ...	359,600	50,400	22,050	46,950	1,050	43,550	2,300
1986	368,700	51,300	23,400	48,600	1,050	45,050	2,500
1987 1/ ...	383,400	54,050	24,900	51,600	1,000	48,050	2,600
1988 I/ ...	383,750	54,500	26,000	53,750	1,050	50,200	2,500
1989	384,500	56,900	27,600	55,000	1,100	51,300	2,600
CIVILIAN EMPLOYMENT							
1979	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/ ...	336,550	44,050	20,000	41,450	1,050	38,150	2,200
1984 I/ ...	338,050	44,900	19,800	42,250	1,000	39,000	2,200
1985 I/ ...	341,150	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 1/ ...	369,850	50,950	23,850	49,350	850	46,250	2,250
1988 I/ ...	373,150	51,800	25,050	52,000	1,000	48,750	2,300
1989	375,950	54,700	26,800	53,550	1,000	50,200	2,350

Continued on next page.

Table 346.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE, FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1979 TO 1989 -- Con.

Year	Oahu	Hawaii County	Kauai County	Maui County			
				County total	Lanai	Maui	Molokai
UNEMPLOYED							
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 1/ ..	20,600	4,350	1,650	3,400	100	2,800	550
1984 I/ ..	19,100	3,700	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/ ..	13,550	3,100	1,100	2,250	150	1,800	300
1988	10,600	2,700	950	1,750	100	1,450	200
1989	8,550	2,200	800	1,450	100	1,100	250
PERCENT UNEMPLOYED							
1979 1/ ..	6.1	7.8	5.3	6.1	5.5	5.5	10.8
1980 I/ ..	4.6	6.2	4.2	5.1	7.7	4.4	13.9
1981 I/ ..	5.0	7.3	5.8	5.9	10.6	5.2	12.9
1982 I/ ..	6.1	9.6	8.1	7.7	17.1	6.9	15.2
1983 I/ ..	5.8	9.0	7.7	7.6	9.0	6.8	19.4
1984 I/ ..	5.3	7.7	7.0	6.0	11.1	5.4	13.8
1985 I/ ..	5.1	8.5	6.8	5.9	20.1	5.2	13.0
1986 I/ ..	4.4	7.5	5.9	5.3	11.5	4.7	13.4
1987 I/ ..	3.5	5.8	4.3	4.4	14.8	3.7	12.1
1988 I/ ..	2.8	4.9	3.7	3.3	7.4	2.9	8.8
1989	2.2	3.9	2.8	2.6	9.1	2.1	9.5

1/ Revised from Data Book 1989, table 339.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), tables 2-8, as revised annually through April 1990.

Table 347.-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:
ANNUAL AVERAGES, 1989

[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 .	4.3
Under 22 years	3.3	Services	21.4
22 to 24 years	5.5	Hotel	4.8
25 to 34 years	32.1	Others and not avail. ...	9.0
35 to 44 years	30.1	Occupation:	
45 to 54 years	16.0	Prof., tech., mgr.	20.8
55 to 64 years	10.6	Clerical, sales	18.7
65 years and over	2.4	Services	11.0
Sex:		Farm, fish., forest.	6.0
Male	60.8	Processing	1.5
Female	39.2	Machine trades	2.1
Industry:		Bench work	1.5
Government	0.5	Structural work	13.9
Agriculture	8.7	Miscellaneous	8.2
Construction	21.7	Not available	16.3
Manufacturing	7.1	Duration:	
Trans., commun., util. ...	9.6	1 to 4 weeks	41.7
Wholesale, retail trade ..	17.6	5 to 14 weeks	37.0
		15 weeks and over	21.2

Source: Hawaii State Department of Labor and Industrial Relations, Characteristics of the Insured Unemployed in Hawaii--1989.

Table 348.-- JOBCOUNT, BY COUNTIES: ANNUAL AVERAGES, 1970 TO 1989

[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. Persons not working because of labor disputes are included. Because of a change in the method of estimating nonagricultural self-employed and unpaid family workers, jobcount estimates for 1987, 1988, and 1989 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	504,900	391,750	45,600	22,450	45,100
1988 ^{1/} .	524,400	404,500	47,500	24,250	48,100
1989	551,150	421,550	51,600	26,800	51,150

^{1/} Revised from Data Book 1989, table 341.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1990; Labor Force Statistics, Bull. No. 70-F and 72-F.

Table 349.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1980 AND 1986 TO 1989

Industry	1980	1986	1987	1988 <u>1/</u>	1989
Nonagriculture, wage and salary	404,100	438,550	459,950	478,050	504,800
Contract construction	23,950	18,650	21,200	23,400	29,200
Manufacturing	23,350	22,050	21,900	22,000	21,300
Durable goods	4,700	3,750	3,950	4,250	4,200
Nondurable goods	18,650	18,250	17,950	17,750	17,100
Food processing	11,150	10,100	9,950	9,950	9,350
Pineapple	2,900	2,000	2,050	2,050	1,750
Sugar	3,900	3,300	3,050	2,850	2,500
Other	4,350	4,850	4,800	5,050	5,100
Textile, apparel	3,050	3,350	3,150	2,800	2,550
Printing, publishing	3,100	3,400	3,400	3,550	3,650
Other nondurables	1,350	1,400	1,450	1,450	1,550
Transp., commun., utilities ..	31,200	34,200	36,800	38,000	40,200
Transportation	21,500	24,550	26,900	27,750	30,100
Communication	7,150	7,100	7,250	7,550	7,300
Utilities	2,550	2,550	2,650	2,650	2,800
Trade	105,250	117,950	123,750	127,450	132,950
Wholesale	18,600	19,550	20,400	20,750	21,950
Retail	86,700	98,400	103,400	106,750	111,000
Finance, insur., real estate .	32,850	33,150	33,700	34,450	35,100
Services and miscellaneous ...	98,450	118,750	126,500	133,250	144,600
Hotels	24,900	29,250	31,250	34,350	37,000
Other services, misc.	73,550	89,500	95,250	98,900	107,600
Government	89,050	93,850	96,050	99,500	101,450
Federal	30,000	32,100	32,800	33,800	33,850
Air Force	2,650	2,650	2,550	2,450	2,350
Army	4,100	5,600	5,600	5,500	5,550
Navy	11,950	12,150	11,950	12,250	12,250
Other'	11,250	11,750	12,650	13,600	13,650
State	45,150	48,600	49,900	51,850	53,550
Local	13,900	13,150	13,400	13,850	14,100
Agriculture, wage and salary ...	10,650	10,150	10,550	10,000	9,600
Sugar	4,950	4,000	3,800	3,700	3,300
Pineapple	2,500	2,050	1,900	1,750	1,850
Other	3,200	4,100	4,800	4,550	4,500
Nonagric., self-employed <u>2/</u>	28,300	34,750	30,700	32,750	33,250
Agric., self-employed <u>3/</u>	4,600	3,200	3,700	3,600	3,500
Labor disputes	500	200	50	100	(Z)

Footnotes and source follow next table.

Table 350.-- JOBCOUNT BY INDUSTRY, BY COUNTIES: ANNUAL AVERAGE, 1989

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Nonagriculture, wage and salary	504,800	395,600	41,050	23,350	44,750
Contract construction	29,200	22,450	2,400	1,300	3,050
Manufacturing	21,300	16,050	2,350	1,000	1,900
Durable goods	4,200	3,750	200	(Z)	250
Nondurable goods	17,100	12,300	2,150	1,000	1,650
Food processing	9,350	5,400	1,750	850	1,350
Textile, apparel	2,550	2,500	(NS)	(NS)	(NS)
Printing, publishing	3,650	3,050	(NS)	(NS)	(NS)
Other nondurables	1,550	1,350	(NS)	(NS)	(NS)
Transp., commun., utilities .	40,200	32,650	2,400	2,400	2,750
Transportation	30,100	24,950	(NS)	(NS)	(NS)
Communication	7,300	5,750	(NS)	(NS)	(NS)
Utilities	2,800	1,950	(NS)	(NS)	(NS)
Trade	132,950	102,050	11,400	6,400	13,100
Wholesale	21,950	18,500	1,750	400	1,250
Retail	111,000	83,500	9,650	6,000	11,850
Finance, insur., real estate	35,100	28,650	2,050	1,450	3,000
Services and miscellaneous ..	144,600	108,950	12,500	7,600	15,500
Hotels	37,000	18,700	6,000	4,250	8,050
Other services, misc.	107,600	90,250	6,500	3,350	7,450
Government	101,450	84,800	8,000	3,200	5,450
Federal	33,850	32,350	800	300	400
Air Force	2,350	2,250	(NS)	(NS)	(NS)
Army	5,550	5,450	(NS)	(NS)	(NS)
Navy	12,250	12,150	(NS)	(NS)	(NS)
Other	13,650	12,500	(NS)	(NS)	(NS)
State	53,550	42,650	5,300	2,000	3,600
Local	14,100	9,850	1,900	850	1,450
Agriculture, wage and salary ..	9,600	2,300	3,550	1,200	2,550
Sugar	3,300	450	1,000	950	900
Pineapple	1,850	700	-	-	1,100
Other	4,500	1,150	2,550	250	550
Nonagric., self-employed <u>2/</u> ...	33,250	23,000	4,700	2,000	3,500
Agric., self-employed <u>3/</u>	3,500	650	2,300	250	350
Labor disputes	(Z)	(Z)	-	-	-

Footnotes and source on next page.

Table 350.-- JOBCOUNT BY INDUSTRY, BY COUNTIES: ANNUAL AVERAGE,
1989 -- Con.

Z Fewer than 50.

NS Not shown separately.

1/ Revised from Data Book 1989, tables 342 and 343.

2/ Includes unpaid family workers and domestics. Data for 1987-1989 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 1990.

Table 351.-- 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
Percent	1/ 7.9	7.5	9.5	7.7	10.1
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	-

1/ This percentage differs appreciably from that found by the U.S. Bureau of Labor Statistics in an unpublished tabulation of the May 1989 Current Population Survey. The Hawaii multiple jobholding rate reported there was 5.2 percent (plus or minus 2.6 percentage points at the 90-percent confidence level), ranking Hawaii 41st among the 50 States and D.C. The corresponding nationwide rate was 6.2 percent. See John F. Stinson, Jr., "Multiple jobholding up sharply during the 1980's," Monthly Labor Review, July 1990, and unpublished State data provided to DBED September 20, 1990.

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

Table 352.-- CIVILIAN EMPLOYMENT, TOTAL AND PART-TIME:
1979 TO 1988

Year	Total employment (1,000)	Part-time employment			
		Total part-time		For economic reasons (1,000)	Voluntary (1,000)
		Number (1,000)	Percent		
1979	374	65	17.4	19	46
1980	379	72	19.0	18	54
1981	425	79	18.6	23	56
1982	428	82	19.2	24	58
1983	442	80	18.1	24	56
1984	446	90	20.2	29	61
1985	454	92	20.3	30	62
1986	465	89	19.1	24	65
1987	495	99	20.0	27	72
1988	499	95	19.0	19	76

Source: U.S. Bureau of Labor Statistics, cited in Hawaii State Department of Labor and Industrial Relations, Labor Area News, April 1990, p. 4.

Table 353.-- 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, Population and Economic Projections for the State of Hawaii to 2010 (Series M-K) (November 1988), p. 9.

Table 354.-- 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 355.-- 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 356.-- 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 357.-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:
ANNUAL AVERAGES, 1989

Occupation	Both sexes	Men	Women
All occupations (number in thousands)	511	264	248
Percent	100.0	100.0	100.0
Managerial and professional specialty:			
Executive, administrative, and managerial	14.9	16.5	13.2
Professional specialty	13.5	11.6	15.5
Technical, sales, and administrative support:			
Technicians and related support	2.2	2.7	1.7
Sales	14.2	11.1	17.5
Administrative support, including clerical	14.3	4.7	24.6
Service occupations	16.5	13.0	20.2
Precision production, craft, and repair	10.5	19.2	1.3
Operators, fabricators, and laborers:			
Machine operators, assemblers, and inspectors ..	2.3	2.7	1.9
Transportation and material moving	3.8	6.9	.6
Handlers, equipment cleaners, helpers, and laborers	3.6	5.4	1.6
Farming, forestry, and fishing	4.1	6.3	1.8

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1989 (Bulletin 2361, May 1990), pp. 58-59.

Table 358.-- 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 359.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES: 1979 TO 1989

Year	Number of employers, December 1/	Average employment	Wages and salaries	
			Total (\$1,000)	Per worker (dollars)
INCLUDING GOVERNMENT				
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
1989	26,149	510,232	11,041,771	21,641
EXCLUDING GOVERNMENT				
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
1989	26,143	413,046	8,535,379	20,664
PRIVATE NON-AGRICULTURAL				
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
1989	25,554	401,002	8,307,991	20,718

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 360.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY COUNTIES: 1989

County or island	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
INCLUDING GOVERNMENT				
State total	26,149	510,232	11,041,771	21,641
City and Co. of Honolulu .	18,842	393,532	8,816,418	22,403
Hawaii County	3,059	44,559	835,946	18,760
Kauai County	1,423	23,950	450,643	18,816
Maui County	2,831	48,190	938,764	19,480
EXCLUDING GOVERNMENT				
State total	26,143	413,046	8,535,379	20,664
City and Co. of Honolulu .	18,839	312,924	6,726,096	21,494
Hawaii County	3,056	36,587	638,208	17,444
Kauai County	1,420	20,765	369,138	17,777
Maui County	2,828	42,770	801,937	18,750

Source: Hawaii State Department of Labor and Industrial Relations, 1989 Employment and Payrolls in Hawaii (September 1990).

Table 361.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY INDUSTRY: 1989

Industry	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
All industries	26,149	510,232	11,041,771	21,641
Government	6	97,186	2,506,392	25,790
Federal	1	33,932	973,290	28,684
State	1	49,192	1,164,364	23,670
County	4	14,062	368,739	26,222
Private	26,143	413,046	8,535,379	20,664
Agriculture, forestry, fisheries ...	589	12,044	227,388	18,880
Sugar	17	3,493	80,073	22,924
Pineapple	5	1,891	39,333	20,800
Other	567	6,660	107,981	16,213
Mining and contract construction ...	2,482	29,010	986,180	33,994
Manufacturing	973	21,648	494,879	22,860
Sugar mills	12	2,549	58,352	22,892
Pineapple canning	2	1,858	41,087	22,114
Other food processing	203	5,217	98,561	18,892
Other manufacturing	756	12,024	296,879	24,691
Transportation	1,143	29,911	718,786	24,031
Communications	109	7,325	237,484	32,421
Utilities	46	2,787	118,945	42,678
Wholesale trade	2,282	22,026	543,243	24,664
Retail trade	5,609	111,051	1,493,009	13,444
Eating and drinking places	1,926	45,620	471,732	10,340
Other retail trade	3,683	65,431	1,021,277	15,608
Finance, insurance, real estate	3,393	35,314	882,516	24,991
Services	9,241	141,507	2,824,176	19,958
Hotels, rooming houses, etc.	228	36,864	649,446	17,617
Health services	1,969	27,310	762,813	27,932
Other services	7,044	77,333	1,411,917	18,258
Nonclassifiable establishments	276	423	8,774	20,743

Source: Hawaii State Department of Labor and Industrial Relations, 1989 Employment and Payrolls in Hawaii (September 1990), pp. 5-6.

Table 362.-- 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: 1979 AND 1989

Class of worker	1979: current dollars	1989		Percent change, 1979-1989	
		Current dollars	1979 dollars <u>1/</u>	Current dollars	1979 dollars <u>1/</u>
All classes ..	12,429	21,641	12,495	74.1	0.5
Federal	19,236	28,684	16,561	49.1	-13.9
State <u>2/</u>	12,609	23,670	13,666	87.7	8.4
County	13,124	26,222	15,140	99.8	15.4
Private	11,732	20,664	11,931	76.1	1.7

1/ Deflated by the all-items consumer price index (CPI-U) for Honolulu. The all-items index increased 73.2 percent during this period.

2/ Average for 1979 is understated because of erroneous inclusion of uncovered student workers, omitted in 1989 data.

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

Table 363.-- NONGOVERNMENTAL REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 1989

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 ..	26,143	14,361	4,958	3,219	2,182	741	682
Employment	427,661	24,699	32,693	43,470	65,995	51,021	209,783

Source: Hawaii State Department of Labor and Industrial Relations, 1989 Employment and Payrolls in Hawaii (September 1990), p. 19.

Table 364.-- ANNUAL WAGES PER EMPLOYEE, TOTAL AND PRIVATE:
1979 TO 1989

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
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
1989	21,624	20,646	95.8	92.7	18	24

1/ Among 50 States and D.C.

Source: U.S. Bureau of Labor Statistics, Employment and Wages, Annual Averages (annual report), and Release USDL 90-431 (Aug. 22, 1990).

Table 365.--MINIMUM WAGE CHRONOLOGY: 1942 TO 1990

[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 366.-- HOURLY WAGE WORKERS EARNING \$5.00 OR LESS PER HOUR, BY WORKWEEK, INDUSTRY, AND MAJOR OCCUPATIONAL GROUP: JULY 1989

Workweek, industry, and major occupational group	Hourly wage (dollars)						
	5.00 or less	3.85 or less ^{1/}	3.86 to 4.00	4.01 to 4.25	4.26 to 4.50	4.51 to 4.75	4.76 to 5.00
Total	122,690	35,250	21,200	16,780	17,380	11,900	20,190
Workweek:							
Full-time	56,120	22,720	5,470	5,690	6,220	5,800	10,220
Part-time	66,580	12,530	15,730	11,090	11,170	6,100	9,960
Industry:							
Agriculture ...	2,400	260	480	360	520	230	550
Construction, mining	420	40	30	-	80	10	260
Manufacturing .	4,580	130	490	540	1,340	330	1,760
Trans., comm., util.	3,380	-	480	560	580	370	1,390
Wholesale trade	3,100	90	590	570	700	270	880
Retail trade ..	66,390	16,050	15,410	12,620	8,940	5,420	7,960
Fin., ins., real est. ...	2,080	260	140	70	450	300	860
Services	40,360	18,410	3,600	2,060	4,780	4,970	6,540
Occupational group:							
Prof., tech., mgr.	7,230	4,000	190	220	1,330	500	1,000
Clerical sales.	33,450	8,860	7,460	3,560	4,820	3,070	5,690
Service	59,000	15,800	10,630	10,330	7,420	7,000	7,820
Agric., fish., forest.	4,320	2,470	270	240	420	200	720
Processing	1,480	-	130	80	140	50	1,080
Machine trades	390	60	60	40	100	50	80
Benchwork	2,350	100	270	330	1,010	260	380
Structural work	5,170	2,410	1,070	30	640	10	1,020
Miscellaneous .	8,520	880	1,120	1,970	1,470	760	2,330
Nonclassifiable	810	680	-	-	50	-	80

^{1/} The minimum hourly wage is \$3.85. The 35,250 minimum-wage workers comprised 8.7 percent of all civilian workers in the State.

Source: Hawaii State Department of Labor and Industrial Relations, Minimum Wage Workers in Hawaii (November 1989).

Table 367.-- HOURS AND EARNINGS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES,
1984 TO 1989

Subject	1984	1985	1986	1987	1988	1989
Average weekly earnings (dollars)						
Contract construction	607.37	627.32	642.80	679.30	706.10	756.56
Manufacturing	318.14	323.51	344.65	366.42	393.60	414.80
Food and kindred products ..	292.98	303.32	321.40	341.01	362.03	368.34
Communication and utilities ..	512.09	542.15	582.15	608.75	650.62	683.65
Trade 1/	225.72	228.72	231.62	235.95	245.70	259.20
Wholesale trade	309.75	311.04	326.10	328.90	342.88	358.27
Retail trade 1/	198.13	200.95	200.26	206.30	216.04	228.30
Banking & credit agencies	237.78	267.80	291.78	297.11	305.33	321.48
Hotels	234.57	243.42	259.38	265.22	281.22	300.81
Average weekly hours						
Contract construction	36.9	36.6	36.9	38.4	37.8	38.6
Manufacturing	38.1	37.4	38.9	39.4	40.0	40.0
Food and kindred products ..	38.0	36.9	39.1	40.5	41.0	40.3
Communication and utilities ..	41.0	41.8	42.4	42.6	44.2	44.8
Trade 1/	33.0	33.1	32.9	32.5	32.5	32.4
Wholesale trade	38.1	38.4	38.5	38.2	38.7	38.9
Retail trade 1/	31.3	31.3	31.0	30.7	30.6	30.4
Banking & credit agencies	38.6	38.7	38.8	37.8	38.6	38.5
Hotels	33.8	33.3	34.4	33.7	33.8	34.3
Average hourly earnings (dollars)						
Contract construction	16.46	17.14	17.42	17.69	18.68	19.60
Manufacturing	8.35	8.65	8.86	9.30	9.84	10.37
Food and kindred products ..	7.71	8.22	8.22	8.42	8.83	9.14
Communication and utilities ..	12.49	12.97	13.73	14.29	14.72	15.26
Trade 1/	6.84	6.91	7.04	7.26	7.56	8.00
Wholesale trade	8.13	8.10	8.47	8.61	8.86	9.21
Retail trade 1/	6.33	6.42	6.46	6.72	7.06	7.51
Banking & credit agencies	6.16	6.92	7.52	7.86	7.91	8.35
Hotels	6.94	7.31	7.54	7.87	8.32	8.77

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 1990.

Table 368.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS
IN PRIVATE INDUSTRY: 1985 TO 1990

Job classification	1985	1986	1987	1988	1989	1990
MONTHLY RATES						
Junior typist	1,036	1,084	1,103	1,224	1,279	1,238
Clerk-stenographer	1,384	1,485	1,583	1,581	1,769	1,737
Secretary	1,407	1,461	1,516	1,597	1,680	1,762
Data entry operator	1,139	1,194	1,218	1,254	1,333	1,414
Bookkeeper, full-charge	1,707	1,794	1,865	2,034	1,914	2,108
Engineering drafting technician	1,952	1,891	2,049	2,057	2,216	2,065
Hospital attendant	1,101	1,135	1,171	1,232	1,306	1,376
Staff nurse	2,081	2,159	2,287	2,534	2,746	2,999
HOURLY RATES						
Housekeeper	6.078	6.412	6.714	7.183	7.503	7.856
Cook, general	8.626	8.950	8.747	9.074	9.082	9.603
Waiter/waitress	3.676	3.846	3.866	4.212	4.259	4.409
Laborer (light)	6.959	7.187	7.399	7.521	7.672	7.785
Carpenter (maintenance)	10.139	10.405	10.768	11.156	11.701	12.007
Electrician (maintenance) ...	11.529	12.191	12.486	13.148	13.447	14.300
Automotive mechanic	10.191	10.753	11.154	11.531	11.872	12.486
Truck driver (1.5-5 tons) ...	8.853	8.734	9.783	10.159	10.664	10.397

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

Table 369.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTIES OR ISLANDS: 1990

[In dollars]

Job classification and year	State average	Kauai	Oahu	Maui County	Hawaii County
MONTHLY RATES					
Junior typist	1,238	...	1,236
Clerk-stenographer	1,737	...	1,710
Secretary	1,762	1,717	1,760	1,854	1,567
Data entry operator	1,414	...	1,418
Bookkeeper, full-charge	2,108	...	2,084
Engineering drafting technician	2,065	...	2,051	...	2,276
Hospital attendant	1,376	1,412	1,375	1,367	...
Staff nurse	2,999	2,842	3,008	2,821	3,013
HOURLY RATES					
Housekeeper	7.856	8.228	7.826	7.967	7.620
Cook, general	9.603	10.683	9.334	11.058	...
Waiter/waitress	4.409	4.699	4.283	4.792	4.380
Laborer (light)	7.785	7.808	7.834	7.808	5.891
Carpenter (maintenance)	12.007	11.419	12.426	12.169	9.520
Electrician (maintenance) ..	14.300	10.473	15.189	12.974	15.620
Automotive mechanic	12.486	10.925	13.567	11.862	11.361
Truck driver (1.5-5 tons) ..	10.397	...	10.816	9.350	7.705

Source: Hawaii Employers Council, Pay Rates in Hawaii (Special Publication No. 198, September 1990).

Table 370.-- 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 371.-- CASH COMPENSATION PAID TO EXECUTIVES OF MAJOR CORPORATIONS
AND LABOR UNION LEADERS: 1989

[\$1,000]

Category	Total	Less than 100	100 to 249	250 to 499	500 to 999	1,000 or more	Highest
Corporate executives ...	30	-	6	16	6	2	1,473
Union leaders	16	12	4	-	-	-	163

Source: Sunday Star-Bulletin & Advertiser, June 3, 1990, pp. B4 and B8, and July 8, 1990, pp. B4 and B6.

Table 372.-- WEEKLY HOURS OF WORK, FOR CIVILIANS AT WORK: ANNUAL AVERAGES, 1980 TO 1989

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	1989	39.4	46.0

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 373.-- WEEKLY HOURS OF WORK, FOR CIVILIAN WORKERS: ANNUAL AVERAGES; 1989

Hours of work	Civilian workers (1,000)	Age, sex, or race	Average hours
Total at work	484	Total at work	39.4
		Full-time schedules <u>1/</u> .	46.0
1 to 14 hours	19	Men	41.6
15 to 29 hours	54	Women	37.1
30 to 34 hours	32		
35 to 39 hours	21	Both sexes, 15 to 19 years	26.7
40 hours	240		
41 to 48 hours	33	White	39.6
49 hours and over	86		

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, 1989 (Bulletin 2361, May 1990), pp. 71-74.

Table 374.-- INTERSTATE MOVEMENT OF JOB-SEEKERS: 1984 TO 1989

Type of job-seeker	1984	1985	1986	1987	1988	1989
Island workers on Mainland <u>1/</u> ..	4,123	4,039	3,664	3,805	3,942	3,961
Mainland workers in Hawaii <u>2/</u> ..	4,219	3,993	3,932	3,161	2,974	2,679
Ratio <u>3/</u>	102	99	107	83	75	68

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, 1990 State of Hawaii Unemployment Insurance Fact Book, 1970 to the Present, Hawaii (June 1990), p. 15.

Table 375.-- 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 376.-- 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 377.-- 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 378.-- LABOR UNIONS AND EMPLOYEE ASSOCIATIONS: 1990

Subject	Total	AFL-CIO affiliated	Independent
Unions and associations ...	71	59	12
Membership <u>1/</u>	161,052	142,518	18,534

1/ Data exclude 5 unions and associations not reporting membership.

Source: Hawaii State Department of Labor and Industrial Relations, Directory of Labor Organizations & Affiliates, 1990.

Table 379.-- COLLECTIVE BARGAINING AGREEMENTS: 1985 TO 1990

[Covers collective bargaining agreements subject to wage negotiations]

Year	Number of agreements	Workers covered		Duration over 2 years (percent)	
		Total	Per agreement	Agreements	Workers
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
1990	194	24,300	125	89.2	95.6

Source: Helene S. Tanimoto, Duration of Collective Bargaining Agreements in Hawaii, 1990 (University of Hawaii at Manoa, Industrial Relations Center, Occasional Publication No. 166, December 1989).

Table 380.-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS BY EMPLOYING JURISDICTION: 1987 TO 1989

[Unless otherwise specified, as of December 31]

Employing jurisdiction	1987	1988	1989
Total	44,275	45,172	46,426
State of Hawaii	19,470	19,690	20,680
City and County of Honolulu	<u>1/</u> 7,736	7,822	7,908
County of Hawaii	1,407	1,434	1,482
County of Maui	1,053	1,106	1,205
County of Kauai	727	640	649
Dept. of Education	10,128	10,592	10,440
University of Hawaii	3,754	3,888	4,062

1/ As of February 29, 1988.

Source: Hawaii Labor Relations Board, HLRB Information Bulletin, No. 27, April 11, 1990, and earlier issues.

Table 381.-- WORK STOPPAGES: 1984 TO 1989

[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>
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
1989	2	48	3,046

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 382.-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS:
1984 TO 1989

Year	Number of stoppages begun in year	Workers involved <u>1/</u>	Man-days idle during year	Percent of estimated nonagricultural working time
1984	1	1,000	70,000	0.01
1985	1	1,000	11,000	0.01
1986	-	-	-	0
1987	-	-	-	0
1988	-	-	-	0
1989	-	-	-	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.