

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, wage rates, payrolls, hours, industrial safety, work disability, unionization, and strikes. Related series appear in Sections 14 and 19 through 23.

The civilian labor force averaged 473,000 in 1984; of this total, 446,000 persons were employed and 27,000 were unemployed and seeking work. The civilian jobcount rose from 375,000 in 1974 to 454,000 a decade later. (The jobcount differs from employment because the latter counts multiple jobholders -- "moonlighters" -- only once.) Areas with large concentrations of workers in 1980 included downtown Honolulu (46,000), Waikiki (30,000), and Pearl Harbor-Hickam (15,000). The unemployment rate averaged 5.6 percent in 1984, with island levels ranging from 5.3 to 14.1 percent. In 1983, 59.1 percent of all females 16 years old and over were in the civilian labor force -- the eighth highest ratio in the nation. By occupation, one out of four civilian workers is classified as professional or managerial. Activities with especially large numbers of employees include, services (109,000 in 1984), retail trade (92,000), and government (92,000). The average annual earnings of wage and salary workers under the Hawaii Employment Security Law reached \$16,700 in 1984, or 8.4 percent less than the 1974 average after adjustment for inflation. Average weekly hours in 1984 ranged from 31.3 (for retail trade) to 41.0 (for communications and utilities). Labor union membership was estimated at 151,000 in 1984. Work stoppages in 1984 involved 2,100 workers.

Analyzing labor force data is complicated by differences in concepts, coverage, definitions, timing, and estimating methods. Census statistics collected as of the last week in March 1980 differ from annual averages for calendar year 1980 or later periods, and jobcounts based on employers' reports of covered workers are seldom comparable to civilian employment totals derived from small household surveys.

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 14 of the Statistical Abstract of the United States: 1985.

Table 325.-- 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 326.-- LABOR FORCE STATUS, BY COUNTIES: 1980

Subject	The State	Counties				
		Hawaii	Honolulu	Kala- wao	Kauai	Maui
Persons 16 years and over ..	723,479	67,205	574,903	144	28,629	52,598
Labor force	494,223	41,214	397,889	82	18,998	36,040
Percent of persons 16 years and over	68.3	61.3	69.2	56.9	66.4	68.5
Civilian labor force	435,780	41,006	339,863	82	18,789	36,040
Employed	415,181	38,150	324,113	82	18,223	34,613
Unemployed	20,599	2,856	15,750	-	566	1,427
Percent of civilian labor force	4.7	7.0	4.6	-	3.0	4.0
Not in labor force	229,256	25,991	177,014	62	9,631	16,558
Female, 16 years and over ..	352,796	33,160	279,711	56	13,871	25,998
Labor force	203,803	17,013	162,998	35	8,077	15,680
Percent of female, 16 years and over	57.8	51.3	58.3	62.5	58.2	60.3
Civilian labor force	199,392	17,007	158,618	35	8,052	15,680
Employed	189,850	15,875	151,089	35	7,756	15,095
Unemployed	9,542	1,132	7,529	-	296	585
Percent of civilian labor force	4.8	6.7	4.7	-	3.7	3.7
Not in labor force	148,993	16,147	116,713	21	5,794	10,318
Female, 16 years and over ..	352,796	33,160	279,711	56	13,871	25,998
With own children under 6 years .	62,606	6,679	48,648	-	2,632	4,647
In labor force	32,215	3,244	24,828	-	1,467	2,676
With own children 6 to 17 years only	65,359	5,661	52,415	-	2,681	4,602
In labor force	45,523	3,864	36,248	-	1,992	3,419

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

Table 327.-- LABOR FORCE STATUS, BY AGE AND SEX: 1980

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

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

Table 328.-- LABOR FORCE STATUS AND WORKERS IN FAMILY IN 1979: 1980

Labor force status in 1979	Male	Female	
Persons 16 years and over, in labor force in 1979 .	304,932	227,073	
Worked in 1979	300,738	222,531	
50 to 52 weeks	210,996	124,833	
48 to 49 weeks	17,414	12,900	
40 to 47 weeks	20,240	19,682	
27 to 39 weeks	15,301	19,590	
14 to 26 weeks	19,024	23,157	
1 to 13 weeks	17,763	22,369	
Usually worked 35 or more hours per week	257,445	157,939	
50 to 52 weeks	194,164	103,250	
27 to 49 weeks	41,341	33,504	
1 to 26 weeks	21,940	21,185	
With unemployment in 1979	41,669	38,585	
Percent of those in labor force in 1979	13.7	17.0	
Unemployed 1 to 4 weeks	12,611	15,156	
Unemployed 5 to 14 weeks	13,509	11,914	
Unemployed 15 or more weeks	15,549	11,515	
Mean weeks of unemployment	14.9	12.7	
Workers in family in 1979	The State	Oahu	Other islands
Families	227,974	178,516	49,458
No workers	21,137	15,152	5,985
1 worker	65,930	51,611	14,319
2 workers	99,415	78,501	20,914
3 or more workers	41,492	33,252	8,240
Married-couple families	188,933	147,829	41,104
No workers	14,266	9,857	4,409
1 worker	48,743	38,282	10,461
2 workers	89,474	70,542	18,932
Husband and wife worked	78,500	61,837	16,663
3 or more workers	36,450	29,148	7,302
Husband and wife worked	29,581	23,549	6,032
Female householder, no husband present	28,514	22,695	5,819
No workers	5,850	4,583	1,267
1 worker	12,538	9,871	2,667
2 workers	6,654	5,394	1,260
3 or more workers	3,472	2,847	625

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 70.

Table 329.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:
ANNUAL AVERAGES, 1970 TO 1984

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 1/ .	410,000	370,000	40,000	9.8
1977 T/ .	418,000	388,000	31,000	7.3
1978 T/ .	420,000	388,000	32,000	7.7
1979 T/ .	421,000	395,000	26,000	6.3
1980 1/..	438,000	417,000	21,000	4.9
1981	450,000	426,000	24,000	5.4
1982	460,000	430,000	31,000	6.7
1983 1/..	472,000	442,000	30,000	6.5
1984	473,000	446,000	27,000	5.6

1/ Revised from Data Book 1984, table 331.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1985.

Table 330.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1974 TO 1984

[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							
1974	301,100	33,150	15,050	25,800	1,550	21,300	2,950
1975 1/.....	304,250	34,600	16,300	27,800	1,600	23,200	3,000
1976 T/.....	324,800	37,050	17,750	30,400	1,700	25,600	3,100
1977 T/.....	330,550	37,800	18,500	32,100	1,700	27,150	3,200
1978 T/ ...	330,650	37,600	18,450	33,300	1,800	27,850	3,600
1979 T/ ...	331,100	37,250	18,500	34,150	1,750	28,650	3,700
1980 T/ ...	340,350	41,950	20,000	36,750	1,250	33,150	2,300
1981 T/ ...	347,000	44,250	20,600	39,150	1,150	35,450	2,000
1982	352,050	45,450	21,300	42,200	1,300	38,300	2,600
1983 1/.....	359,150	46,600	22,150	44,100	1,150	40,200	2,700
1984	360,400	46,850	21,850	43,900	1,150	40,300	2,500
CIVILIAN EMPLOYMENT							
1974	278,400	29,900	13,750	23,350	1,400	19,400	2,500
1975	280,050	31,150	14,800	25,050	1,400	21,100	2,550
1976 1/ ...	293,750	32,900	16,100	27,250	1,450	23,100	2,650
1977	306,500	34,350	17,350	29,800	1,600	25,300	2,900
1978 1/ ...	305,950	33,950	17,200	30,900	1,650	26,000	3,250
1979 T/.....	311,350	34,350	17,500	32,100	1,650	27,100	3,300
1980 T/.....	324,750	39,300	19,150	34,850	1,150	31,700	2,000
1981 T/ ...	329,900	40,850	19,450	36,800	1,100	33,550	2,150
1982	330,550	41,050	19,550	38,850	1,050	35,600	2,200
1983 1/.....	338,550	42,350	20,450	40,650	1,050	37,450	2,200
1984	341,350	43,100	20,350	41,200	1,000	38,050	2,150

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Table 330.-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
FOR COUNTIES AND ISLANDS: ANNUAL AVERAGES, 1974 TO 1984 -- Con.

Year	Oahu	Hawaii County	Kauai County	Maui County			
				County total	Lanai	Maui	Molokai
UNEMPLOYED							
1974	22,700	3,250	1,300	2,450	150	1,850	450
1975	24,200	3,450	1,500	2,750	200	2,100	450
1976 1/...	31,000	4,150	1,650	3,150	200	2,500	450
1977 T/...	24,050	3,450	1,200	2,350	150	1,900	300
1978	24,700	3,650	1,200	2,400	200	1,850	400
1979	20,050	2,900	1,000	2,050	100	1,550	400
1980	15,600	2,650	850	1,900	100	1,450	350
1981	17,100	3,400	1,200	2,350	150	1,900	300
1982	21,500	4,450	1,700	3,350	250	2,700	400
1983 1/...	20,600	4,300	1,700	3,450	100	2,800	550
1984	19,050	3,750	1,500	2,700	150	2,200	350
PERCENT UNEMPLOYED							
1974 1/...	7.5	9.8	8.5	9.5	9.0	8.8	14.5
1975 T/...	8.0	9.9	9.1	9.8	11.3	9.0	15.7
1976 T/...	9.6	11.2	9.3	10.4	13.0	9.8	14.4
1977 T/...	7.3	9.1	6.4	7.3	8.0	6.9	10.0
1978 T/ ..	7.5	9.8	6.5	7.3	10.4	6.6	10.5
1979 T/ ..	6.1	7.8	5.3	6.0	5.5	5.5	10.8
1980 T/ ..	4.6	6.3	4.2	5.2	8.2	4.4	14.3
1981 T/ ..	4.9	7.6	5.7	6.0	10.7	5.3	13.0
1982	6.1	9.8	8.0	7.9	18.3	7.0	15.4
1983 1/...	5.7	9.2	7.6	7.8	9.3	6.9	19.8
1984	5.3	8.0	6.8	6.2	11.6	5.5	14.1

1/ Revised from Data Book 1984, table 332.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), tables 2-8, as revised annually through April 1985.

Table 331.-- CHARACTERISTICS OF THE INSURED UNEMPLOYED: NOVEMBER 1983

[All claimants]

Subject	Number	Subject	Number
Total	12,960	Age:	
Race:		Under 22 years	903
White	3,862	22 to 24 years	1,210
Black	168	25 to 34 years	4,697
Indian	13	35 to 44 years	2,846
Hispanic	91	45 to 54 years	1,738
Hawaiian	1,140	55 to 64 years	1,408
Chinese/Korean	661	65 years and over	158
Filipino	2,424	Duration:	
Japanese	2,009	1 to 4 weeks	3,283
Other	2,320	5 to 14 weeks	5,307
Unknown	272	15 weeks and over	4,370
Sex:		Occupation:	
Male	7,734	Professional, technical, managerial	2,036
Female	5,226	Clerical, sales	2,547
Industry:		Services	2,356
State government	725	Farm/fish/forestry	497
County government	96	Processing	467
Agriculture	454	Machine trades	297
Construction	3,061	Bench work	189
Manufacturing	1,162	Structural work	3,528
Food processing	654	Miscellaneous	1,032
Transportation, communi- cation, utilities	862	Unknown	11
Wholesale/retail trades ..	2,642		
Finance, insurance, real estate	660		
Services	3,253		
Hotel	1,143		
Others and unknown	45		

Source: Hawaii State Department of Labor and Industrial Relations, Characteristics of the Insured Unemployed in Hawaii -- 1983, pp. 10 and 13.

Table 332.-- JOBCOUNT, BY COUNTIES: ANNUAL AVERAGES, 1970 TO 1984

[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]

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	444,100	354,800	37,150	18,200	34,050
1981	445,050	353,650	38,000	18,150	35,350
1982	440,500	347,850	37,800	18,050	36,850
1983 1/ .	448,550	353,100	38,600	18,700	38,150
1984	454,100	357,300	39,400	18,600	38,900

1/ Revised from Data Book 1984, table 336.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1985; Labor Force Statistics, Bull. No. 70-F and 72-F.

Table 333.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1975 TO 1984

Industry	1975	1976	1977	1978	1979
Nonagriculture, wage and salary	342,800	349,200	359,400	377,300	394,000
Contract construction	26,350	21,400	19,750	20,650	23,400
Manufacturing	23,650	23,400	23,200	23,700	23,900
Durable goods	4,800	4,550	4,600	4,700	4,800
Nondurable goods	18,850	18,800	18,600	19,000	19,100
Food processing	11,250	11,300	11,250	11,700	11,600
Sugar	4,450	4,350	3,950	4,150	3,950
Pineapple	2,800	2,850	3,050	3,200	3,200
Other	4,000	4,050	4,250	4,300	4,400
Textile, apparel	3,400	3,300	3,250	3,250	3,300
Printing, publishing	2,650	2,700	2,750	2,850	2,950
Other nondurables	1,550	1,550	1,350	1,200	1,250
Transp., commun., utilities ..	26,400	27,100	28,200	28,800	30,500
Transportation	17,450	18,200	19,200	19,950	21,200
Communication	6,400	6,400	6,500	6,350	6,750
Utilities	2,600	2,500	2,500	2,500	2,500
Trade	83,750	87,900	92,200	97,900	102,900
Wholesale	15,850	16,050	16,600	17,200	18,300
Retail	67,900	71,800	75,550	80,700	84,650
Finance, insur., real estate .	24,250	24,700	25,650	28,850	31,500
Services and miscellaneous ...	76,400	79,900	84,750	90,300	95,350
Hotels	19,950	20,900	22,100	22,850	24,100
Other services, misc.	56,500	59,000	62,650	67,450	71,250
Government	82,000	84,800	85,700	87,050	86,500
Federal	30,550	29,850	29,300	29,350	29,700
Air Force	3,300	3,200	3,050	2,850	2,750
Army	5,300	4,950	4,750	4,500	4,250
Navy	11,100	11,050	11,200	11,750	11,850
Other	10,850	10,600	10,250	10,250	10,800
State	38,700	41,350	42,650	43,350	43,300
Local	12,750	13,600	13,800	14,350	13,500
Agriculture, wage and salary ...	11,050	11,050	11,300	11,550	10,850
Sugar	5,200	5,050	5,000	4,900	5,000
Pineapple	2,300	2,200	2,400	2,550	2,550
Other	3,550	3,800	3,900	4,100	3,300
Nonagric., self-employed <u>2/</u> ...	22,050	22,050	23,000	23,800	24,350
Agric., self-employed <u>3/</u>	4,800	4,450	4,400	4,700	4,550
Labor disputes	200	250	500	150	700

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Table 333.-- JOBCOUNT, BY INDUSTRY: ANNUAL AVERAGES, 1975 TO 1984 -- Con.

Industry	1980	1981	1982	1983 <u>1/</u>	1984
Nonagriculture, wage and salary	404,100	404,800	399,400	406,200	412,450
Contract construction	23,950	21,900	17,850	17,800	16,100
Manufacturing	23,350	23,000	22,400	22,350	21,800
Durable goods	4,700	4,250	3,900	3,600	3,250
Nondurable goods	18,650	18,750	18,550	18,750	18,550
Food processing	11,150	11,150	11,150	11,250	10,950
Sugar	3,900	3,950	3,850	3,750	3,700
Pineapple	2,900	2,800	2,750	2,550	2,150
Other	4,350	4,350	4,550	4,900	5,150
Textile, apparel	3,050	2,950	2,850	2,900	2,950
Printing, publishing	3,100	3,150	3,150	3,150	3,150
Other nondurables	1,350	1,500	1,400	1,450	1,450
Transp., commun., utilities ..	31,200	31,900	31,200	31,100	31,850
Transportation	21,500	21,900	21,150	21,100	21,950
Communication	7,150	7,400	7,500	7,550	7,500
Utilities	2,550	2,600	2,550	2,450	2,400
Trade	105,250	105,450	104,850	106,850	110,550
Wholesale	18,600	18,700	18,500	18,400	18,900
Retail	86,700	86,750	86,300	88,450	91,650
Finance, insur., real estate .	32,850	31,700	31,500	31,900	31,850
Services and miscellaneous ...	98,450	101,900	101,200	104,950	108,550
Hotels	24,900	24,800	26,500	27,000	28,250
Other services, misc.	73,550	77,100	74,700	77,900	80,250
Government	89,050	89,000	90,300	91,300	91,700
Federal	30,000	30,350	31,500	32,100	32,000
Air Force	2,650	2,600	2,650	2,650	2,650
Army	4,100	4,300	4,650	4,850	5,000
Navy	11,950	12,500	13,100	13,350	12,950
Other	11,250	10,900	11,100	11,250	11,400
State	45,150	45,250	45,650	45,900	46,550
Local	13,900	13,350	13,150	13,300	13,200
Agriculture, wage and salary ...	10,650	11,550	11,300	11,200	10,800
Sugar	4,950	5,200	4,700	4,500	4,300
Pineapple	2,500	2,450	2,450	2,300	2,100
Other	3,200	3,950	4,150	4,400	4,400
Nonagric., self-employed <u>2/</u>	24,350	24,300	25,750	27,100	26,750
Agric., self-employed <u>3/</u>	4,500	4,350	3,950	3,900	3,650
Labor disputes	500	50	100	150	450

Footnotes and source follow next table.

Table 334.-- JOBCOUNT BY INDUSTRY, BY COUNTIES: ANNUAL AVERAGE, 1984

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Nonagriculture, wage and salary	412,450	334,600	30,300	15,700	31,850
Contract construction	16,100	13,450	1,150	500	1,000
Manufacturing	21,800	15,700	2,800	1,300	2,000
Durable goods	3,250	2,900	100	(Z)	200
Nondurable goods	18,550	12,800	2,700	1,250	1,800
Food processing	10,950	5,900	2,350	1,100	1,600
Textile, apparel	2,950	2,850	(NS)	(NS)	(NS)
Printing, publishing	3,150	2,750	(NS)	(NS)	(NS)
Other nondurables	1,450	1,300	(NS)	(NS)	(NS)
Transp., commun., utilities .	31,850	26,350	1,950	1,700	1,900
Transportation	21,950	18,800	(NS)	(NS)	(NS)
Communication	7,500	5,850	(NS)	(NS)	(NS)
Utilities	2,400	1,650	(NS)	(NS)	(NS)
Trade	110,550	88,750	8,250	4,450	9,100
Wholesale	18,900	16,350	1,450	400	750
Retail	91,650	72,450	6,800	4,050	8,300
Finance, insur., real estate	31,850	27,300	1,350	850	2,400
Services and miscellaneous ..	108,550	85,300	8,100	4,200	10,900
Hotels	28,250	15,750	3,800	2,200	6,500
Other services, misc.	80,250	69,550	4,300	1,950	4,450
Government	91,700	77,800	6,700	2,750	4,500
Federal	32,000	30,900	600	250	300
Air Force	2,650	2,550	(NS)	(NS)	(NS)
Army	5,000	4,950	(NS)	(NS)	(NS)
Navy	12,950	12,900	(NS)	(NS)	(NS)
Other	11,400	10,550	(NS)	(NS)	(NS)
State	46,550	37,550	4,350	1,700	2,950
Local	13,200	9,350	1,750	800	1,250
Agriculture, wage and salary ..	10,800	2,500	3,800	1,300	3,250
Sugar	4,300	500	1,350	1,200	1,200
Pineapple	2,100	850	-	-	1,300
Other	4,400	1,150	2,400	150	750
Nonagric., self-employed <u>2</u> / ...	26,750	19,150	2,900	1,350	3,350
Agric., self-employed <u>3</u> /	3,650	750	2,400	200	350
Labor disputes	450	300	(Z)	50	100

Z Fewer than 50.

NS Not shown separately.

1/ Revised from Data Book 1984, table 337.2/ Includes unpaid family workers and domestics.3/ Includes unpaid family workers.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1985.

Table 335.-- LABOR FORCE AND JOB ESTIMATES AND PROJECTIONS: 1980 TO 2005

[Thousands. Annual averages. Series M-F projections, recommended by DPED
for State planning purposes]

Subject	Estimates		Projections			
	1980	1984	1990	1995	2000	2005
Civilian labor force 1/ (1,000)	439.0	473.0	533.4	575.6	607.9	627.7
Persons employed 1/	417.0	446.0	503.9	544.2	574.7	593.7
Total jobs (1,000)	499.5	514.4	572.3	613.4	644.5	663.9
Armed forces	58.4	60.8	58.4	58.4	58.4	58.4
Civilian jobs 1/	441.1	453.6	513.8	554.9	586.1	605.4
Self-employed	28.9	30.4	34.9	37.7	39.8	41.1
Wage and salary jobs by sector .	412.2	423.2	478.9	517.3	546.3	564.3
Agriculture	11.5	10.8	11.1	10.6	10.2	9.8
Food processing	11.5	11.0	11.0	10.8	10.5	10.3
Miscellaneous manufacturing ..	12.2	10.8	12.1	12.6	12.9	13.1
Construction	24.1	16.1	23.4	25.8	27.7	28.9
Transportation, communication, and utilities	30.9	31.8	35.5	38.3	40.2	40.6
Trade (exc. eating & drinking)	71.0	73.0	85.6	94.9	102.1	108.2
Eating and drinking places ...	34.5	37.6	43.6	47.8	50.6	51.9
Finance, insurance, and real estate	31.1	31.8	36.8	39.7	41.9	43.5
Hotels	24.8	28.2	31.8	35.0	36.9	37.1
Other services	71.7	80.2	88.4	96.8	103.5	108.0
State and local government ...	59.0	59.8	66.6	71.1	74.6	77.4
Federal government 1/	30.0	32.0	33.1	33.9	34.7	35.4

1/ Includes civilian employees of the armed forces.

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1985, and 1984 Employment and Payrolls in Hawaii (September 1985); Hawaii State Department of Planning and Economic Development, Population and Economic Projections for the State of Hawaii, 1980-2005 (July 1984), p. 14, and Military Personnel and Dependents in Hawaii, 1984 (Statistical Report 168, October 10, 1984).

Table 336.-- 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 337.-- 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 338.-- 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 339.-- CLASS OF WORKER AND INDUSTRY, BY COUNTIES: 1980

Subject	The State	Counties				
		Hawaii	Honolulu	Kala-wao	Kauai	Maui
CLASS OF WORKER						
Employed persons 16 years and over	415,181	38,150	324,113	82	18,223	34,613
Private wage and salary workers .	300,315	27,226	231,719	24	13,885	27,461
Federal Government workers	32,244	909	30,207	3	508	617
State Government workers	43,814	4,945	34,268	48	1,715	2,838
Local Government workers	14,343	1,481	10,583	-	1,002	1,277
Self-employed workers	22,965	3,310	16,312	7	1,035	2,301
Unpaid family workers	1,500	279	1,024	-	78	119
INDUSTRY						
Employed persons 16 years and over	415,181	38,150	324,113	82	18,223	34,613
Agriculture, forestry, fisheries, and mining	14,793	4,272	5,662	1	1,762	3,096
Construction	29,888	3,477	21,423	-	1,621	3,367
Manufacturing	32,914	3,177	24,982	8	1,548	3,199
Nondurable goods	21,234	2,539	14,713	3	1,354	2,625
Durable goods	11,680	638	10,269	5	194	574
Transportation	25,392	1,524	21,174	2	1,015	1,677
Communications and other public utilities	11,086	812	8,771	-	668	835
Wholesale trade	16,089	1,477	13,286	7	462	857
Retail trade	82,453	6,683	66,358	4	3,089	6,319
Finance, insurance, and real estate	31,648	2,174	26,145	-	1,074	2,255
Business and repair services	17,832	1,251	14,726	-	527	1,328
Personal, entertainment, and recreation services	38,150	4,154	26,252	7	2,317	5,420
Professional and related services	73,363	6,378	59,927	6	2,713	4,339
Health services	22,390	1,700	18,429	4	873	1,384
Educational services	31,989	3,090	26,113	-	1,099	1,687
Other professional and related services	18,984	1,588	15,385	2	741	1,268
Public administration	41,573	2,771	35,407	47	1,427	1,921

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

Table 340.-- OCCUPATION, BY COUNTIES: 1980

Occupation	The State	Counties				
		Hawaii	Honolulu	Kala-wao	Kauai	Maui
Employed persons 16 years and over	415,181	38,150	324,113	82	18,223	34,613
Managerial and professional specialty occupations	97,606	7,648	79,934	15	3,499	6,510
Executive, administrative, and managerial occupations	48,671	3,518	39,971	7	1,545	3,630
Professional specialty occupations	48,935	4,130	39,963	8	1,954	2,880
Technical, sales, and administrative support occupations	132,651	9,956	109,521	15	4,554	8,605
Technicians and related support occupations	11,982	864	9,915	-	614	589
Sales occupations	47,475	3,996	38,367	1	1,683	3,428
Administrative support occupations, including clerical ...	73,194	5,096	61,239	14	2,257	4,588
Service occupations	74,149	6,283	56,939	17	3,742	7,168
Private household occupations .	1,547	134	1,116	-	135	162
Protective service occupations	7,578	609	6,010	2	388	569
Service occupations, except protective and household	65,024	5,540	49,813	15	3,219	6,437
Farming, forestry, and fishing occupations	14,154	3,927	5,838	8	1,509	2,872
Precision production, craft, and repair occupations	48,198	4,848	36,546	20	2,345	4,439
Operators, fabricators, and laborers	48,423	5,488	35,335	7	2,574	5,019
Machine operators, assemblers, and inspectors	14,000	1,308	10,887	5	518	1,282
Transportation and material moving occupations	16,430	2,123	11,274	-	1,054	1,979
Handlers, equipment cleaners, helpers, and laborers	17,993	2,057	13,174	2	1,002	1,758

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

Table 341.-- EMPLOYMENT BY OCCUPATION AND INDUSTRY, BY SEX: 1983

[Refers to "usual activity" rather than to work during previous week, and is thus not directly comparable to other tables on labor force status, occupation, or industry in this section. Excludes persons in institutions or military barracks, or on Niihau. Based on a sample survey of 6,366 employed civilians]

Occupation and industry	Both sexes	Male	Female
Employed civilians, 16 years and over	406,205	217,390	188,816
Occupation:			
Managerial and professional specialty	96,816	54,019	42,797
Technical, sales, and administrative support .	134,281	42,722	91,559
Service	70,568	29,908	40,660
Farming, forestry, and fishing	17,223	13,122	4,101
Precision production, craft, and repair	47,170	44,531	2,638
Operators, fabricators, and laborers	37,322	31,433	5,889
Occupation not reported	2,825	1,654	1,170
Industry:			
Agriculture	20,351	15,360	4,990
Construction and mining	22,536	20,819	1,717
Manufacturing	18,065	11,426	6,639
Transportation, communication, utilities	32,254	22,686	9,569
Wholesale and retail trade	92,528	41,620	50,908
Finance, insurance and real estate	31,808	12,756	19,052
Services	135,292	57,442	77,850
Public administration, except armed forces ...	51,577	34,554	17,023
Not reported	1,795	727	1,068

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, special tabulation.

Table 342.-- PLACE OF RESIDENCE AND PLACE OF WORK OF EMPLOYED PERSON 16 YEARS AND OVER FOR THE CITY AND COUNTY OF HONOLULU, BY CENSUS TRACTS: 1980

[Residence and labor force status as of April 1; place of work as of preceding week. Includes armed forces. For census tract maps, see pp. 24-25]

Census tract	Workers by place of --		Census tract	Workers by place of --	
	Residence	Work <u>1/</u>		Residence	Work <u>1/</u>
County total	369,523	356,692	Honolulu, con.:		
Honolulu CDP	183,677	246,969	26	2,663	3,635
1.02	962	250	27.01	2,707	6,633
1.03	5,482	532	27.02	3,110	1,507
1.04	3,515	110	28	2,127	95
1.05	2,860	1,117	29	904	667
2	2,579	455	30	2,468	294
3	2,841	561	31.01	2,205	145
4.01	1,391	174	31.02	1,905	225
4.02	2,077	201	32	655	100
5	2,320	3,594	33	541	235
6	945	750	34.03	3,170	189
7	1,829	439	34.04	2,819	413
8	2,175	911	34.05	1,964	235
9.01	1,423	418	34.06	3,255	261
9.02	2,087	218	34.07	453	192
9.03	1,469	557	35	2,583	7,698
10	1,792	128	36.01	2,334	7,227
11	1,552	256	36.02	1,578	2,858
12.01	1,575	1,152	37	1,326	18,578
12.02	1,828	59	38	263	13,499
13	2,300	1,735	38.99	-	279
14	1,428	146	39	54	12,918
15	1,986	422	39.99	90	-
16	2,298	577	40	548	28,465
17	1,263	1,644	41	2,559	8,411
18.01	571	4,570	42	1,709	1,391
18.02	1,725	1,009	43	2,616	883
19.01	571	11,832	44	2,492	153
19.02	3,014	2,596	45	2,800	583
20.01	1,318	8,457	46	2,032	777
20.02	1,895	1,547	47	2,525	1,271
21	2,057	2,220	48	2,705	1,134
22	4,004	586	49	1,459	595
23	3,123	638	50	1,855	2,402
24.01	1,517	64	51	578	845
24.02	1,737	730	52	358	2,777
25	2,145	1,416	53	1,877	890
			54	389	55

Continued on next page.

Table 342.-- PLACE OF RESIDENCE AND PLACE OF WORK OF EMPLOYED PERSON 16 YEARS AND OVER FOR THE CITY AND COUNTY OF HONOLULU, BY CENSUS TRACTS: 1980 -- Con.

Census tract	Workers by place of --		Census tract	Workers by place of --	
	Residence	Work <u>1</u> /		Residence	Work <u>1</u> /
Honolulu, con.:			Rest of Oahu, con.:		
55	821	509	80.01	648	424
56	2,527	1,399	80.02	1,507	1,000
57	748	9,295	80.03	1,321	251
57.99	540	12	80.05	3,433	146
58	1,349	2,354	80.06	3,002	226
59	1,414	6,348	80.07	3,168	251
59.99 .....	...	28	81	1,179	2,603
60	2,391	3,534	81.99	-	-
61	1,408	203	82	-	-
62.01	1,990	336	83	4,400	619
62.02	494	221	84	3,020	1,686
63.01	1,502	290	85	1,608	3,865
63.02	711	141	86.01	4,008	260
64.01	910	-	86.02	1,749	3,185
64.02	2,282	177	86.99 .....	...	-
65	1,665	78	87.01	3,120	383
66	1,177	3,032	87.02	1,573	1,324
67.01	3,933	4,104	87.03	1,207	1,880
67.02	1,075	135	88	2,103	932
68.01	10,152	302	89.01	3,314	1,361
68.02	2,154	72	89.02	12,709	2,472
68.03	-	6,990	89.03	3,226	947
69	1,280	100	90	1,174	9
70	1,771	163	91	1,476	223
71	939	11,805	92	3,412	1,682
72	1,071	14,656	93	1,702	11,323
114 .....	...	-	94	2,320	(NA)
			95.01	1,044	229
Rest of Oahu	185,846	109,723	95.02	1,828	349
73	2,632	1,707	95.03	6,120	7,125
73.99	-	-	95.04	330	(NA)
74	2,098	9,538	95.05	1,069	(NA)
74.99	7,614	30	96.01	1,550	} 1,222
75.01	3,164	110	96.03	1,578	
75.02	323	66	96.04	1,179	} 3,105
75.03	2,695	191	97	3,415	
76	493	193	98	1,889	} 864
77.01	2,142	1,018	99.01	2,396	
77.02	2,470	159	99.02	942	} 1,167
78.01	6,730	(NA)	100	1,067	
78.02	6,567	5,217	101	1,912	(NA)

Continued on next page.

Table 342.-- PLACE OF RESIDENCE AND PLACE OF WORK OF EMPLOYED PERSON 16 YEARS AND OVER FOR THE CITY AND COUNTY OF HONOLULU, BY CENSUS TRACTS: 1980 -- Con.

Census tract	Workers by place of --		Census tract	Workers by place of --	
	Residence	Work <u>1/</u>		Residence	Work <u>1/</u>
Rest of Oahu, con.:			Rest of Oahu, con.:		
102.01	1,526	(NA)	108.99	34	-
102.02	2,273	2,214	109.01	1,571	424
103.02	1,637	43	109.03	1,763	660
103.03	1,402	(NA)	109.04	1,636	390
103.04	4,678	(NA)	109.05	1,111	1,321
105.01	4,122	1,151	110	1,952	513
105.03	874	451	111.01	3,874	2,112
105.04	1,997	417	111.03	1,774	108
106.01	1,330	204	111.04	2,550	479
106.02	2,405	726	112.01	2,262	597
107.01	1,761	302	112.02	802	388
107.02	1,758	216	113	3,545	1,121
108	7,571	7,714	Unknown <u>2/</u>	-	19,769

NA Not available.

1/ Tract data exclude residents who worked away from the City and County of Honolulu and nonresidents who worked within the area. Totals and subtotals (but not tract data) include imputed values for persons not reporting exact tract locations.

2/ Included in subtotals (see preceding footnote).

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

Table 343.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES: 1974 TO 1984

Year	Number of employers, December	Average employment	Wages and salaries	
			Total (\$1,000)	Per worker (dollars)
INCLUDING GOVERNMENT				
1974	15,914	342,683	3,114,073	9,087
1975	16,558	349,887	3,417,570	9,767
1976	17,130	356,217	3,685,818	10,347
1977	17,831	366,555	3,996,746	10,903
1978	18,847	383,451	4,459,594	11,630
1979	19,639	400,963	4,983,844	12,429
1980	19,988	412,281	5,585,489	13,548
1981	20,190	414,830	6,002,943	14,471
1982	20,259	408,791	6,281,953	15,367
1983	20,937	413,767	6,668,001	16,115
1984	21,288	421,821	7,050,512	16,714
EXCLUDING GOVERNMENT				
1979	19,633	314,447	3,689,161	11,732
1980	19,982	323,307	4,105,082	12,697
1981	20,184	325,897	4,423,850	13,574
1982	20,253	320,885	4,563,866	14,223
1983	20,931	325,650	4,848,497	14,889
1984	21,282	332,227	5,150,338	15,502
PRIVATE NON-AGRI-CULTURAL				
1978	18,431	285,313	3,083,421	10,807
1979	19,213	303,305	3,551,436	11,709
1980	19,597	311,808	3,956,617	12,689
1981	19,799	314,016	4,261,467	13,571
1982	19,876	309,531	4,412,058	14,254
1983	20,515	314,142	4,679,895	14,897
1984	20,856	320,902	4,973,005	15,497

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

Table 344.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY COUNTIES: 1984

County or island	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
INCLUDING GOVERNMENT				
State total	21,288	421,821	7,050,512	16,714
City and Co. of Honolulu .	16,175	336,315	5,787,610	17,209
Hawaii County	2,189	33,525	498,801	14,878
Maui County	1,967	35,008	517,726	14,789
Kauai County	963	16,973	246,376	14,516
EXCLUDING GOVERNMENT				
State total	21,282	332,227	5,150,338	15,502
City and Co. of Honolulu .	16,172	260,751	4,159,618	15,952
Hawaii County	2,186	26,733	368,077	13,769
Maui County	1,964	30,461	429,637	14,105
Kauai County	960	14,282	193,005	13,514

Source: Hawaii State Department of Labor and Industrial Relations, 1984 Employment and Payrolls in Hawaii (September 1985).

Table 345.-- EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY INDUSTRY: 1984

Industry	Number of employers, Dec.	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
All industries	21,288	421,821	7,050,512	16,714
Government	6	89,595	1,900,174	21,208
Federal	1	33,270	855,447	25,712
State	1	43,123	785,551	18,217
County	4	13,201	259,175	19,633
Private	21,282	332,227	5,150,338	15,502
Agriculture, forestry, fisheries ...	426	11,325	177,334	15,659
Sugar	12	3,225	66,569	20,642
Pineapple	5	1,989	29,520	14,841
Other	409	6,111	81,245	13,295
Mining and contract construction ...	1,595	15,788	410,971	26,031
Manufacturing	825	22,086	373,606	16,916
Sugar mills	12	3,117	52,099	16,715
Pineapple canning	2	2,241	32,839	14,654
Other food processing	195	5,210	83,228	15,975
Other manufacturing	616	11,518	205,440	17,836
Transportation	901	22,150	431,917	19,500
Communications	102	7,502	196,923	26,249
Utilities	39	2,395	75,089	31,353
Wholesale trade: Durable	885	8,981	191,810	21,357
Non-durable	974	9,962	167,196	16,783
Retail trade	4,748	91,876	942,500	10,258
Eating and drinking places	1,553	37,628	275,397	7,319
Other retail trade	3,195	54,248	667,103	12,297
Finance, insurance, real estate	2,925	31,977	552,109	17,266
Services	7,782	107,928	1,626,084	15,066
Hotels, rooming houses, etc.	190	28,262	369,292	13,067
Health services	1,746	21,224	435,035	20,497
Other services	5,846	58,442	821,757	14,061
Nonclassifiable establishments	80	257	4,799	18,673

Source: Hawaii State Department of Labor and Industrial Relations, 1984 Employment and Payrolls in Hawaii (September 1985).

Table 346.-- 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: 1974 AND 1984

Class of worker	1974: current dollars	1984		Percent change, 1974-1984	
		Current dollars	1974 dollars <u>1/</u>	Current dollars	1974 dollars <u>1/</u>
All classes ..	9,087	16,714	8,328	83.9	-8.4
Federal	12,876	25,712	12,811	99.7	-0.5
State <u>2/</u>	10,026	18,217	9,077	81.7	-9.5
County	10,229	19,633	9,782	91.9	-4.4
Private	8,462	15,502	7,724	83.2	-8.7

1/ Deflated by the all-items consumer price index (CPI-U) for Honolulu. The all-items index increased 100.7 percent during this period.

2/ Average for 1974 is overstated because of erroneous inclusion of uncovered student workers, omitted in 1984 data.

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

Table 347.-- NONGOVERNMENTAL REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: 1984

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 ..	21,282	11,410	4,308	2,676	1,794	592	502
Employment	335,003	23,165	28,435	36,157	54,113	41,033	152,100

Source: Hawaii State Department of Labor and Industrial Relations, 1984 Employment and Payrolls in Hawaii (September 1985), p. 16.

Table 348.-- ANNUAL WAGES PER EMPLOYEE, TOTAL AND PRIVATE:
1975 TO 1983

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
1975	9,751	9,110	97.5	92.7	20	27
1976	10,309	9,586	96.2	91.0	24	29
1977	10,873	10,029	95.1	89.1	26	33
1978	11,607	10,809	95.8	89.7	29	33
1979	12,335	11,700	94.1	89.4	27	34
1980	13,491	12,695	94.2	88.6	27	37
1981	14,411	13,567	92.2	86.9	32	41
1982	15,353	14,202	92.0	85.5	31	42
1983 <u>2/</u>	16,108	14,898	92.1	85.8	30	40

1/ Among 50 States and D.C.

2/ Preliminary.

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

Table 349.-- MINIMUM WAGE CHRONOLOGY: 1975 TO 1985

[Dollars per hour]

Effective date	Minimum wage
1975: July 1 <u>1/</u>	2.40
1978: July 1	2.65
1979: July 1	2.90
1980: July 1	3.10
1981: July 1 <u>2/</u>	3.35

1/ For earlier years, see Data Book 1983, table 310.

2/ Currently in effect as of July 1, 1985.

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

Table 350.-- HOURS AND EARNINGS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES,
1979 TO 1984

Subject	1979	1980	1981	1982	1983	1984
Average weekly earnings (dollars)						
Contract construction	397.80	428.97	475.31	519.10	587.76	607.37
Manufacturing	244.35	258.17	289.90	301.68	317.68	318.14
Food and kindred products ..	217.74	238.26	274.31	281.86	291.65	292.98
Communication and utilities ..	378.35	421.16	433.70	486.41	486.22	512.09
Trade 1/	173.01	184.82	198.99	213.81	225.12	225.72
Wholesale trade	238.23	252.50	275.88	290.67	302.13	309.75
Retail trade 1/	151.69	162.30	174.27	189.21	199.69	198.13
Banking & credit agencies 2/..	174.83	185.58	212.64	222.49	237.73	237.78
Hotels	166.52	173.72	193.64	208.98	222.95	234.57
Laundries	144.77	151.25	161.55	...	...	...
Average weekly hours						
Contract construction	36.0	36.2	36.2	35.8	37.2	36.9
Manufacturing	38.3	37.8	38.5	37.9	38.6	38.1
Food and kindred products ..	38.0	37.7	39.3	38.4	39.2	38.0
Communication and utilities ..	44.2	44.9	43.5	43.9	41.7	41.0
Trade 1/	33.4	33.3	33.0	33.2	33.4	33.0
Wholesale trade	38.3	38.2	38.0	37.7	38.1	38.1
Retail trade 1/	31.8	31.7	31.4	31.8	31.9	31.3
Banking & credit agencies 2/..	...	...	...	...	...	38.6
Hotels	31.9	31.3	32.6	32.5	32.5	33.8
Laundries	37.8	36.8	36.8	...	...	...
Average hourly earnings (dollars)						
Contract construction	11.05	11.85	13.13	14.50	15.80	16.46
Manufacturing	6.38	6.83	7.53	7.96	8.23	8.35
Food and kindred products ..	5.73	6.32	6.98	7.34	7.44	7.71
Communication and utilities ..	8.56	9.38	9.97	11.08	11.66	12.49
Trade 1/	5.18	5.55	6.03	6.44	6.74	6.84
Wholesale trade	6.22	6.61	7.26	7.71	7.93	8.13
Retail trade 1/	4.77	5.12	5.55	5.95	6.26	6.33
Banking & credit agencies 2/..	...	...	...	...	...	6.16
Hotels	5.22	5.55	5.94	6.43	6.86	6.94
Laundries	3.83	4.11	4.39	...	...	...

1/ Excludes eating and drinking establishments.

2/ Designated "Finance" before 1982.

Source: Hawaii State Department of Labor and Industrial Relations,
Labor Force Data Book (March 1978), as revised April 1985.

Table 351.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS
IN PRIVATE INDUSTRY: 1974 TO 1985

[Statewide averages, in dollars]

Job classification	1974	1975	1976	1977	1978	1979
MONTHLY RATES						
Junior typist	504	541	579	615	660	712
Clerk-stenographer	624	671	757	801	821	828
Secretary	697	760	846	906	970	994
Data entry operator	602	639	703	753	798	829
Bookkeeper, full-charge	801	886	930	956	1,029	1,171
Engineering drafting technician	1,013	1,049	1,122	1,167	1,233	1,267
Hospital attendant	497	532	604	639	675	730
Staff nurse	869	943	1,037	1,100	1,164	1,207
HOURLY RATES						
Housekeeper	2.936	3.159	3.416	3.537	3.876	4.197
Cook, general	4.349	4.740	5.129	5.476	5.857	6.306
Waiter/waitress	2.101	2.304	2.415	2.446	2.676	2.897
Laborer (light)	3.069	3.435	3.789	4.322	4.619	4.684
Carpenter (maintenance)	5.427	5.836	6.387	7.035	7.538	7.913
Electrician (maintenance) ...	5.929	7.015	7.879	8.546	9.155	9.456
Automotive mechanic	5.247	5.683	6.213	6.792	7.267	7.634
Truck driver (1.5-5 tons) ...	4.363	4.936	5.266	5.782	6.056	6.387

Continued on next page.

Table 351.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS
IN PRIVATE INDUSTRY: 1974 TO 1985 -- Con.

Job classification	1980	1981	1982	1983	1984	1985
MONTHLY RATES						
Junior typist	750	839	903	975	1,013	1,036
Clerk-stenographer	989	1,085	1,194	1,250	1,296	1,384
Secretary	1,016	1,128	1,199	1,256	1,341	1,407
Data entry operator	888	967	1,004	1,072	1,134	1,139
Bookkeeper, full-charge	1,246	1,395	1,453	1,580	1,647	1,707
Engineering drafting technician	1,373	1,470	1,648	1,804	1,898	1,952
Hospital attendant	791	847	939	1,018	1,057	1,101
Staff nurse	1,288	1,492	1,669	1,875	1,978	2,081
HOURLY RATES						
Housekeeper	4.500	4.808	5.193	5.580	5.806	6.078
Cook, general	6.676	7.162	7.505	8.048	8.308	8.626
Waiter/waitress	3.111	3.312	3.377	3.483	3.586	3.676
Laborer (light)	5.483	6.008	6.360	6.506	6.688	6.959
Carpenter (maintenance)	7.757	8.521	9.075	9.362	9.769	10.139
Electrician (maintenance) ...	8.613	9.407	10.327	10.745	11.243	11.529
Automotive mechanic	8.230	9.077	9.543	9.697	10.152	10.191
Truck driver (1.5-5 tons) ...	6.409	7.162	7.708	8.288	8.576	8.853

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

Table 352.-- AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTIES OR ISLANDS: 1984 AND 1985

[In dollars]

Job classification and year	State average	Kauai	Oahu	Maui County	Hawaii County
MONTHLY RATES					
Junior typist 1984	1,013	...	1,008	...	...
..... 1985	1,036	...	1,037	...	...
Clerk-stenographer 1984	1,296	...	1,283	...	...
..... 1985	1,384	...	1,365	...	...
Secretary 1984	1,341	1,327	1,336	1,402	1,373
..... 1985	1,407	1,379	1,404	1,475	1,355
Data entry operator 1984	1,134	1,151	1,123	...	1,269
..... 1985	1,139	...	1,129	...	1,286
Bookkeeper, full-charge . 1984	1,647	...	1,604	...	...
..... 1985	1,707	...	1,641	...	...
Engineering drafting technician 1984	1,898	...	1,903	...	1,882
..... 1985	1,952	...	1,955	...	...
Hospital attendant 1984	1,057	1,013	1,072	1,070	953
..... 1985	1,101	1,010	1,126	1,109	1,010
Staff nurse 1984	1,978	2,003	1,977	1,973	...
..... 1985	2,081	2,096	2,080	2,094	...
HOURLY RATES					
Housekeeper 1984	5.806	5.806	5.822	5.790	5.632
..... 1985	6.078	5.920	6.128	5.996	5.927
Cook, general 1984	8.308	9.074	7.914	9.137	8.812
..... 1985	8.626	9.366	8.333	9.363	8.727
Waiter/waitress 1984	3.586	3.668	3.555	3.685	3.731
..... 1985	3.676	3.717	3.637	3.789	3.896
Laborer (light) 1984	6.688	7.029	6.668	6.726	6.376
..... 1985	6.959	7.752	6.811	6.954	6.577
Carpenter (maintenance) . 1984	9.769	9.464	9.910	9.909	9.174
..... 1985	10.139	9.632	10.456	10.261	9.215
Electrician (maintenance) 1984	11.243	10.604	12.050	9.951	10.668
..... 1985	11.529	10.852	12.656	10.024	11.254
Automotive mechanic 1984	10.152	9.641	10.794	9.703	9.715
..... 1985	10.191	9.727	11.060	9.658	9.541
Truck driver (1.5-5 tons) 1984	8.576	...	9.344	7.871	7.501
..... 1985	8.853	...	9.599	8.044	8.044

Source: Hawaii Employers Council, Pay Rates in Hawaii (Special Publication No. 163, September 1984, and Research Report No. 2126, September 1985).

Table 353.-- INTERSTATE MOVEMENT OF JOB-SEEKERS: 1974 TO 1984

Calendar year	Island workers on the Mainland <u>1/</u>		Mainland workers in Hawaii <u>2/</u>		Ratio <u>3/</u>
	Total <u>4/</u>	Regular only	Total <u>4/</u>	Regular only	
1974	5,924	5,924	7,284	6,988	118
1975	9,425	7,607	9,478	8,785	115
1976	9,934	7,458	8,994	8,334	112
1977	7,090	5,846	8,846	8,154	139
1978	4,495	4,313	6,533	6,261	145
1979 <u>5/</u>	4,272	4,272	5,285	5,250	123
1980	5,633	5,211	5,196	4,956	95
1981	5,619	5,485	4,552	4,396	80
1982	5,372	5,372	5,259	4,848	90
1983	4,414	4,414	4,891	4,659	106
1984	4,123	4,123	4,242	4,219	102

1/ Interstate liable initial claims (UI and Supp.), excluding UCFE and Supp. and UCX. Covers Hawaii workers seeking work and filing for benefits on the Mainland. Since July 1980, data have included Federal civilian employees and ex-servicemen.

2/ Interstate agent initial claims (UI and Supp.), excluding UCFE and Supp. 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 (regular only) as a percent of inter-state liable initial claims (regular only). Ratios under 100 suggest a net out-migration of workers.

4/ Regular and extended claims.

5/ The method of counting liable and agent initial claims was revised effective October 1979. Data for 1979 and later years are accordingly not directly comparable with figures for earlier years.

Source: Hawaii State Department of Labor and Industrial Relations, Unemployment Insurance Fact Book (August 1984), p. 27 and p. 48; and records.

Table 354.-- LABOR FORCE STATUS AND INDUSTRY, BY PLACE OF BIRTH AND RESIDENCE IN 1975: 1980

Place of birth or residence in 1975	Employed civilians					Armed forces	Unemployed
	Total	Hotels	Eating, drinking places	Air transportation	Other industries		
PLACE OF BIRTH <u>1/</u>							
Total	416,400	23,940	30,000	7,980	354,480	57,920	19,700
Hawaii	249,700	12,220	13,480	5,020	218,980	2,600	10,360
Percent <u>2/</u>	60.3	51.3	45.3	62.9	62.2	4.5	52.8
Other State	96,000	4,000	7,160	2,120	82,720	49,920	5,700
Terr. or poss. <u>3/</u> ..	1,960	40	100	20	1,800	820	180
Foreign country	66,200	7,540	9,000	820	48,840	4,260	3,380
Not reported	2,540	140	260	-	2,140	320	80
RESIDENCE IN 1975 <u>4/</u>							
Total	418,440	24,440	30,040	8,480	355,480	57,240	19,680
Hawaii	349,240	20,280	23,360	6,960	298,640	5,960	13,640
Percent	83.5	83.0	77.8	82.1	84.0	10.4	69.3
Other State	48,360	2,120	4,200	1,360	40,680	45,400	4,240
Terr. or poss.	1,720	40	240	-	1,440	880	280
Foreign country	19,120	2,000	2,240	160	14,720	5,000	1,520

1/ Based on 5-percent Public Use Microdata Sample.

2/ Based on number reporting place of birth.

3/ Includes persons born at sea or abroad to U.S. parents

4/ Based on 2.5-percent Public Use Microdata Sample.

Source: U.S. Bureau of the Census, Census of Population and Housing, 1980: Public-Use Microdata Sample A, Hawaii [machine-readable data file]/prepared by the Bureau of the Census -- Washington: The Bureau [producer and distributor], 1983; special tabulation by DPED.

Table 355.-- DISABILITY STATUS OF NONINSTITUTIONAL PERSONS, BY COUNTIES: 1980

Subject	State total ^{1/}	Counties			
		Hawaii	Hono- lulu	Kauai	Maui
WORK DISABILITY STATUS					
Male, 16 to 64 years	330,805	28,928	266,837	12,166	22,810
With a work disability	21,163	2,476	16,290	738	1,642
Not in labor force	9,751	1,274	7,496	273	698
Prevented from working .	7,905	1,026	6,032	240	603
Female, 16 to 64 years	314,188	28,811	250,672	12,025	22,637
With a work disability	17,018	2,101	13,062	590	1,252
Not in labor force	11,764	1,552	9,035	390	779
Prevented from working .	8,550	1,151	6,524	311	560
PUBLIC TRANSPORTATION DIS- ABILITY STATUS					
Persons 16 to 64 years	644,993	57,739	517,509	24,191	45,447
With a public transportation disability	7,700	1,014	5,938	246	499
With a work disability ...	7,203	977	5,562	205	456
Persons 65 years and over	72,917	8,967	53,019	4,142	6,752
With a public transportation disability	8,503	840	6,595	512	546

^{1/} Includes Kalawao County, not shown separately.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), tables 70 and 179.

Table 356.-- RECORDABLE OCCUPATIONAL INJURIES AND ILLNESSES OF
 NONGOVERNMENTAL WORKERS: 1982 AND 1983

[Data exclude agricultural employers with fewer than 11 employees]

Subject	1982: total	1983		
		Total	Injuries	Illnesses
Recordable cases	28,527	27,248	26,735	513
Lost workday cases	15,477	14,529	14,280	249
Lost workdays	214,346	226,697	222,105	4,592
Per lost workday case	14	16	16	18
Nonfatal cases without lost workdays.	12,755	12,690	12,448	242
Incidence per 100 full-time workers .	11.4	10.6	10.4	0.2
Agriculture	22.1	19.6	19.3	0.3
Mining	1.1	3.9	3.9	0
Construction	24.1	23.0	22.7	0.3
Manufacturing	15.4	15.0	14.7	0.3
Transportation, public utilities ..	13.4	12.7	12.5	0.2
Wholesale and retail trade	9.3	9.7	9.6	0.1
Finance, insurance, real estate ...	5.1	4.0	3.9	(Z)
Services	10.4	8.9	8.6	0.3

Z Less than 0.05.

Source: Hawaii State Department of Labor and Industrial Relations, 1983 Occupational Injuries and Illnesses Survey, State of Hawaii, p. 5.

Table 357.-- INDUSTRIAL ACCIDENTS, DEATHS, AND INSURANCE PAYMENTS:
1978 TO 1983

Year	Accidents		Deaths		Insurance payments (\$1,000)
	Number	Rate <u>1/</u>	Number	Rate <u>2/</u>	
1978	38,869	54.10	48	5.2	32,847
1979	43,057	57.01	49	5.2	42,573
1980	47,725	62.01	49	5.1	55,331
1981	44,320	57.50	36	3.7	66,950
1982	40,521	53.19	47	4.7	90,778
1983	39,013	51.05	48	4.7	103,338

1/ Accidental injuries per 1,000,000 estimated non-federal wage and salary employee hours.

2/ Accidental deaths per 100,000 total resident population, July T.

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

Table 358.-- LABOR TURNOVER RATES IN MANUFACTURING: 1979 TO 1981

[Turnover per 100 wage and salary employees. Excludes pineapple canning. This survey was discontinued after 1981]

Year	Accessions			Separations		
	Total	New hires	Re-calls	Total	Quits	Layoffs
1979	3.2	1.8	1.0	3.4	1.2	1.4
1980	2.9	1.6	1.0	3.3	1.1	1.6
1981	2.3	1.2	0.8	2.5	0.7	1.2

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), pp. 95-96, as revised May 1982.

Table 359.-- MEMBERSHIP IN LABOR UNIONS AND EMPLOYEE ASSOCIATIONS:
1956 TO 1980

[Numbers in thousands. This series was discontinued after 1980]

Year	Total unions and associations		Labor unions				Professional and State employee associations
	Number	Percent of nonagricultural employment	Total	Affiliated with AFL-CIO	Unaffiliated		
					National	Local unions	
1956 ^{1/}	(NA)	(NA)	35	10	25	(NA)	(NA)
1958 ^{1/}	(NA)	(NA)	36	13	24	(NA)	(NA)
1964 ^{1/}	(NA)	(NA)	49	24	24	(NA)	(NA)
1966 ..	(NA)	(NA)	62	31	25	7	(NA)
1968 ..	77	30.2	70	36	27	7	7
1970 ..	89	30.3	82	45	30	7	8
1972 ..	123	39.9	115	78	30	7	9
1974 ..	129	38.7	121	84	29	7	8
1976 ..	140	40.1	129	95	33	(Z)	12
1978 ..	134	35.8	120	94	27	(Z)	14
1980 ^{2/}	113	27.9	(NA)	(NA)	(NA)	(NA)	(NA)

Z Fewer than 500.

NA Not available.

^{1/} Data limited to national and international unions.

^{2/} Not tabulated separately for unions and employee associations.

Source: U.S. Department of Labor, Bureau of Labor Statistics, Handbook of Labor Statistics 1978 (Bulletin 2000, 1979), p. 504, and data supplied February 25, 1980 and March 12, 1982; Statistical Abstract of the United States: 1985, p. 424.

Table 360-- LABOR UNIONS AND EMPLOYEE ASSOCIATIONS:
1980 AND 1984

Subject	1980	1984
Total unions and associations	140	79
Employee membership	138,052	151,000

Source: Estimates by University of Hawaii,
Industrial Relations Center, cited in Honolulu
Star-Bulletin, September 2, 1985, p. A-1.

Table 361.-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS:
1979 TO 1984

[As of December 31]

Year	Total	State employees	County employees
1979	40,026	30,123	9,903
1980	40,511	30,609	9,902
1981	41,132	31,184	9,948
1982	41,948	31,629	10,319
1983	42,296	31,915	10,381
1984	42,171	31,705	10,466
Collective bargaining agent (union): 1984			
HGEA	17,117	13,305	3,812
UPW	9,639	6,486	3,153
HSTA	9,044	9,044	-
UHPA (UH faculty)	2,719	2,719	-
SHOPO (police officers)	2,143	-	2,143
HFFA (firefighters)	1,509	151	1,358

Source: Hawaii Public Employment Relations Board, HPERB
Informational Bulletin, No. 22 (March 16, 1985), and earlier issues.

Table 362.-- WORK STOPPAGES: 1979 TO 1984

[Data exclude stoppages lasting less than one full shift (8 hours) and stoppages affecting fewer than 6 workers. Beginning with 1982, these data also exclude stoppages not begun or in progress during the week containing the 12th of each month during the year]

Year	Number of stoppages <u>1/</u>	Workers involved <u>1/</u>	Man-days lost <u>2/</u>
1979	10	10,380	229,880
1980	9	6,886	138,490
1981	9	890	8,650
1982	7	911	14,480
1983	7	2,838	44,411
1984	6	2,063	123,486

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 363.-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS: 1982 TO 1984

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

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.