

SECTION 10

LABOR FORCE, EMPLOYMENT, AND EARNINGS

This section presents statistics on the size and composition of the labor force, employment by age, sex, occupation, and industry, and wage rates, payrolls, hours, safety, and unionization of workers.

The number of employed persons almost doubled between 1940 and 1970, reaching 338,000 in the latter year. Agricultural employment fell from 55,000 to 13,000 during this period, while nonagricultural workers (excluding armed forces) rose from 99,000 to 275,000. The unemployment rate averaged 5.1 percent in 1971, with county levels ranging from 4.9 to 6.2 percent. The labor force contains above-average proportions of younger persons and women: the 1970 Census reported that 49 percent of all females 16 years of age or more were either employed or seeking work. By occupation, one out of six civilian workers is classified as professional or technical. Activities with especially large numbers of employees include government (70,000 in 1970, almost half of them in federal jobs), services (82,000), retail trade (50,000), and manufacturing (31,000). Wage and salary levels are high: the average annual earnings of private wage and salary workers under the Hawaii Employment Security Law reached \$7,051 in 1971 (twice the 1957 average), and in some categories exceeded \$11,000. Average weekly hours ranged from 29.0 (for hotels) to 42.2 (for communications and utilities). Labor union membership was estimated at 82,000 in 1970.

Principal sources for these data are the decennial reports of the U.S. Bureau of the Census, various studies by the U.S. Bureau of Labor Statistics, monthly and annual tabulations by the Hawaii State Department of Labor and Industrial Relations, annual surveys by the Hawaii Employers Council, and occasional sample surveys by public and private agencies. Statistics for the nation as a whole are published in Section 8 of the *Statistical Abstract of the United States: 1972*.

Table 108.—WORKING-AGE POPULATION AND EMPLOYMENT: 1872 TO 1970

Year	Working-age population ¹	Employment, including armed forces					
		Total	By sex		By military status and activity		
			Male	Female	Civilians		Armed forces
					Agric, forestry, fisheries	Other activities	
1872	41,097	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1878	41,719	24,795	(NA)	(NA)	(NA)	(NA)	(NA)
1884	58,055	39,541	(NA)	(NA)	(NA)	(NA)	(NA)
1890	66,472	41,073	38,930	2,143	(NA)	(NA)	(NA)
1896	78,819	55,294	51,705	3,589	(NA)	(NA)	(NA)
1900	121,044	90,172	84,047	6,125	57,125	32,802	245
1910	137,727	100,900	89,719	11,181	56,122	43,170	1,608
1920	169,164	111,613	97,439	14,174	56,087	51,160	4,366
1930	241,782	154,086	136,400	17,686	63,478	74,317	16,291
1940	301,686	180,796	145,659	35,137	54,629	99,167	27,000
1950	351,375	190,427	143,544	46,883	31,806	135,765	22,856
1960	426,495	256,637	183,459	73,178	15,982	193,388	47,267
1970	553,755	337,635	219,312	118,323	13,283	274,527	49,825

NA not available.

¹Population 15 and over before 1900, 14 and over for 1900-1970.

Source: Robert C. Schmitt, *Demographic Statistics of Hawaii: 1778-1965* (University of Hawaii Press, 1968), pp. 73, 77, and 127; U.S. Bureau of the Census, *U.S. Census of Population: 1960*, Final Report PC (1)-13C, tables 53 and 62, and *U.S. Census of Population: 1970*, Final Report PC(1)-C13, tables 53 and 55.

Table 109.—LABOR FORCE ESTIMATES: ANNUAL AVERAGES, 1940 TO 1973

Year	Civilian labor force	Civilian employment	Workers in labor disputes	Unemployment	
				Number	Percent
1940	162,763	155,531	(NA)	7,232	4.4
1941	179,568	173,068	(NA)	6,500	3.6
1942	215,885	213,455	(NA)	2,430	1.1
1943	218,501	216,615	(NA)	1,886	0.9
1944	214,522	212,922	(NA)	1,600	0.7
1945	210,368	208,868	(NA)	1,500	0.7
1946	190,297	188,165	(NA)	2,132	1.1
1947	191,695	188,742	(NA)	2,953	1.5
1948	193,467	184,020	(NA)	9,447	4.9
1949	194,776	173,340	(NA)	21,436	11.0
1950	187,773	170,075	(NA)	17,698	9.4
1951	191,678	183,129	271	8,278	4.3
1952	194,067	185,639	6	8,422	4.3
1953	196,142	186,437	163	9,542	4.9
1954	197,376	185,514	103	11,759	6.0
1955	199,276	189,291	61	9,924	5.0
1956	204,082	195,075	—	9,007	4.4
1957	207,564	199,831	—	7,733	3.7
1958 ¹	211,540	201,370	3,090	7,080	3.4
1959	222,980	216,140	—	6,840	3.1
1960	235,140	228,050	—	7,090	3.0
1961	242,850	232,910	—	9,940	4.1
1962	246,180	234,420	160	11,600	4.7
1963	250,880	238,630	230	12,020	4.8
1964	257,630	247,560	20	10,050	3.9
1965	269,020	259,680	90	9,250	3.4
1966	281,880	272,730	30	9,120	3.2
1967	293,400	282,940	260	10,200	3.5
1968	306,780	297,030	870	8,880	2.9
1969	326,700	317,130	750	8,820	2.7
1970 ²	350,030	337,050	520	12,460	3.6
1971	363,390	344,670	110	18,610	5.1
1972	374,540	352,070	160	22,310	6.0
1973 ³	376,200	357,850	—	18,350	4.9

NA Not available.

¹Data for 1958 and later years are based on somewhat different definitions and procedures than those for 1940-1957, and hence are not fully comparable to the earlier figures. Estimates for 1958 based on the 1940-1957 definitions and procedures are as follows: civilian labor force, 210,399; civilian employment, 199,793; labor disputes, 3,090; unemployed, 7,606; percent unemployed, 3.6.

²Differences from decennial census data for April 1, 1970, reported in other tables of this section, reflect important differences in definitions and statistical procedures as well as variations resulting from the use of annual averages rather than an April 1 time reference. The decennial census count of "employment," for example, measures the number of persons holding jobs, while the monthly and annual estimates prepared by the Hawaii State Department of Labor and Industrial Relations measure the number of jobs held by these persons.

³Preliminary estimate for May 12, 1973.

Source: Hawaii State Department of Labor and Industrial Relations, *Labor Force Estimates* (monthly and annual) and records.

Table 110.—LABOR FORCE ESTIMATES, BY ISLANDS: ANNUAL AVERAGES, 1962, 1971 AND 1972

Year and island	Civilian labor force	Civilian employment	Workers in labor disputes	Unemployment	
				Number	Percent
1962, State total	246,180	234,420	160	11,600	4.7
Oahu	195,260	185,980	160	9,120	4.7
Hawaii	22,240	21,330	—	910	4.1
Kauai	11,590	11,020	—	570	4.9
Maui ¹	17,090	16,090	—	1,000	5.8
1971, State total	363,390	344,670	110	18,610	5.1
Oahu	294,630	279,720	110	14,800	5.0
Hawaii	31,790	30,050	—	1,740	5.5
Kauai	14,080	13,400	—	680	4.9
Maui	19,980	18,780	—	1,200	6.0
Molokai and Lanai	2,900	2,720	—	180	6.1
1972, State total	374,540	352,070	160	22,310	6.0
Oahu	303,630	285,930	140	17,560	5.8
Hawaii	32,560	30,620	—	1,940	6.0
Kauai	14,470	13,530	20	920	6.3
Maui	21,100	19,520	—	1,580	7.5
Molokai and Lanai	2,780	2,470	—	310	11.1

¹Includes Lanai and Molokai.

Source: Hawaii State Department of Labor and Industrial Relations, *Labor Force Estimates* (monthly and annual).

Table 111.—LABOR FORCE CHARACTERISTICS: 1940 TO 1970

Subject	1960 definitions			1970 definitions	
	1940	1950	1960	1960	1970
EMPLOYMENT STATUS					
Population, 14 years old and over	301,686	351,375	426,495	426,495	553,755
Labor force	188,232	207,952	265,707	265,707	346,859
Armed Forces	27,000	22,856	47,267	47,267	49,825
Civilian labor force	161,232	185,096	218,440	218,440	297,034
Employed	153,796	167,571	209,370	209,370	287,810
Unemployed ¹	7,436	17,525	9,070	9,070	9,224
Not in labor force	113,454	143,423	160,788	160,788	206,896
MAJOR OCCUPATION GROUP					
Employed, 14 years old and over	153,796	167,571	209,370	209,370	287,810
Professional, technical, and kindred workers	11,289	16,408	25,299	24,660	42,579
Managers and administrators, exc. farm ²	10,762	13,967	17,795	18,467	23,995
Sales workers	8,054	10,750	13,554	13,612	18,324
Clerical and kindred workers	10,171	20,862	30,412	29,722	49,234
Craftsmen, foremen, and kindred workers	16,519	25,995	33,276	33,821	40,694
Operatives, except transport	17,785	25,129	29,455	19,338	19,646
Transport equipment operatives				8,431	9,275
Laborers, except farm	14,601	12,560	12,997	13,603	12,930
Farmers and farm managers	3,617	4,397	3,433	3,436	1,411
Farm laborers and foremen	42,443	16,853	10,143	10,284	7,126
Service workers, except private household	10,212	16,298	20,685	21,694	37,714
Private household workers	7,770	3,284	4,582	4,563	1,961
Occupation not reported	573	1,068	7,739	7,739	22,921
INDUSTRY					
Agriculture, forestry, and fisheries	54,629	31,806	15,982	15,981	12,104
Mining	256	167	133	133	306
Construction	10,817	11,653	19,882	19,882	24,743
Manufacturing: Durable goods	2,509	5,713	7,777	7,781	9,186
Nondurable goods	12,945	15,761	25,845	25,842	20,410
Trans., communications, other public utilities	8,515	13,450	16,734	16,734	22,503
Wholesale and retail trade	21,816	31,455	39,142	39,142	56,365
Finance, insurance, and real estate	2,112	3,950	7,807	7,814	13,486
Business and repair services	3,016	3,573	4,635	4,625	7,934
Personal services	15,067	10,812	14,285	14,289	18,641
Entertainment and recreation services	1,487	2,442	2,394	2,394	3,231
Professional and related services	11,647	17,321	26,356	27,002	45,622
Public administration	7,569	18,436	22,464	21,817	30,783
Industry not reported	1,411	1,032	5,934	5,934	22,496
CLASS OF WORKER³					
Private wage and salary workers	113,551	111,036	144,602	(NA)	200,912
Government workers	18,553	34,400	46,078	(NA)	70,547
Self-employed workers	15,967	19,192	17,009	(NA)	12,832
Unpaid family workers	5,725	2,943	1,681	(NA)	1,265

NA Not available.

¹The 1940 figure includes 2,326 persons on public emergency work.

²In 1960, designated "managers, officials, and proprietors, except farm."

³In 1970, the tabulation was limited to the 285,556 workers 16 years old and over.

Source: *U.S. Census of Population: 1960*, Final Report PC(1)-13C, tables 53, 56, 59 and 62; *U.S. Census of Population: 1970*,

Table 112.—LABOR FORCE CHARACTERISTICS: 1970

Subject	State total	Sex		Island	
		Male	Female	Oahu	Other
EMPLOYMENT STATUS					
Persons 16 years old and over	522,018	272,726	249,292	427,601	94,417
Labor force	344,269	222,221	122,048	286,706	57,563
Armed Forces	49,785	48,860	925	49,368	417
Civilian labor force	294,484	173,361	121,123	237,338	57,146
Employed	285,556	168,940	116,616	230,252	55,304
Unemployed	8,928	4,421	4,507	7,086	1,842
Not in labor force	177,749	50,505	127,244	140,895	36,854
OCCUPATION					
Employed, 16 years old and over	285,556	168,940	116,616	230,252	55,304
Professional, technical, and kindred	45,544	25,566	19,978	39,366	6,178
Managers and administrators, exc. farm	25,457	19,718	5,739	21,533	3,924
Sales workers	19,393	8,723	10,670	16,474	2,919
Clerical and kindred workers	52,157	13,207	38,950	44,880	7,277
Craftsmen, foremen, and kindred	43,920	41,907	2,013	35,349	8,571
Operations, except transport	21,346	12,384	8,962	16,905	4,441
Transport equipment operatives	10,079	9,654	425	7,412	2,667
Laborers, except farm	14,314	13,277	1,037	10,843	3,471
Farmers and farm managers	1,694	1,228	466	627	1,067
Farm laborers and farm foremen	7,574	6,136	1,438	2,352	5,222
Service workers, exc. private household	41,981	17,067	24,914	33,037	8,944
Private household workers	2,097	73	2,024	1,474	623
INDUSTRY					
Agriculture, forestry, fisheries	13,166	10,830	2,336	4,642	8,524
Mining	328	297	31	279	49
Construction	26,638	24,946	1,692	21,811	4,827
Manufacturing	31,159	21,973	9,186	23,613	7,546
Food and kindred products	13,179	9,734	1,692	7,338	5,841
Other manufacturing	17,980	12,239	5,741	16,275	1,705
Trans., communications, utilities	24,331	18,765	5,566	20,340	3,991
Wholesale trade	11,303	7,813	3,490	9,647	1,656
Retail trade	49,730	21,443	28,287	41,554	8,176
Finance, insurance, real estate	14,340	6,793	7,547	12,849	1,491
Business and repair services	8,547	5,837	2,710	7,397	1,150
Personal services	20,591	7,390	13,201	14,425	6,166
Entertainment and recreation services	3,754	2,104	1,650	3,165	589
Professional and related services	49,175	17,382	31,793	41,606	7,569
Public administration	32,494	23,367	9,127	28,924	3,570
CLASS OF WORKER					
Private wage and salary workers	200,912	118,527	82,385	158,958	41,954
Federal government workers	31,391	22,044	9,347	30,005	1,386
State government workers	28,699	11,596	17,103	23,369	5,330
Local government workers	10,457	7,746	2,711	7,452	3,005
Self-employed workers	12,832	8,798	4,034	9,577	3,255
Unpaid family workers	1,265	229	1,036	891	374

Source: U.S. Census of Population; 1970, Final Report PC(1)-C13, tables 53-56 and 75-78.

Table 113.—LABOR FORCE CHARACTERISTICS, BY COUNTY: 1970

Counties	Nonworker-worker ratio	Percent in labor force					Employed persons				Persons who worked in 1969— Percent worked 50 to 52 weeks
		Female, 16 years and over	Married women, husband present		Male		Civilian labor force— Percent unemployed	Percent in manufacturing industries	Percent in white-collar occupations	Percent government workers	
			Total	With own children under 6 years	18 to 24 years	65 years and over					
The State	1.22	49.0	48.1	37.8	83.9	22.0	3.0	10.9	49.9	24.7	67.0
Hawaii	1.42	45.5	48.8	43.2	72.9	20.9	2.7	15.0	38.2	18.6	65.2
Honolulu	1.18	49.4	47.8	36.6	85.0	23.9	3.0	10.3	53.1	26.4	67.7
Kauai	1.34	49.1	49.6	43.8	76.7	18.7	3.7	11.0	35.5	16.3	66.6
Maui	1.42	47.5	49.8	44.8	73.4	13.4	3.6	13.5	35.5	17.1	59.8

Source: U.S. Census of Population: 1970, Final Report PC(1)-C13, table 44.

Table 114.—EMPLOYMENT BY INDUSTRY: ANNUAL AVERAGES, 1962 AND 1972

Industry	1962: State total	1972, by island					
		State total	Oahu	Hawaii	Maui	Kauai	Lanai & Molokai
Total employment	234,420	352,070	285,930	30,620	19,520	13,530	2,470
Contract construction	15,110	23,120	19,700	1,820	1,170	410	30
Manufacturing	25,020	24,840	17,990	3,210	2,140	1,480	20
Durable goods	3,370	4,760	4,400	80	240	30	10
Lumber & wood prod.	1,210	1,520	1,440	40	30	10	—
Stone, glass & clay	950	1,630	1,470	30	130	—	10
Other durables	1,210	1,610	1,490	10	80	20	—
Non-durable goods	21,650	20,080	13,590	3,130	1,900	1,450	10
Food processing	15,990	12,390	6,740	2,620	1,720	1,310	10
Sugar	(NA)	4,750	870	1,910	890	1,080	—
Pineapple	(NA)	4,260	3,520	—	640	100	—
Other	(NA)	3,380	2,350	710	190	130	10
Textile & apparel	2,220	3,530	3,330	120	30	60	—
Printing & publishing	2,380	2,700	2,360	150	120	50	—
Other non-durables	1,060	1,460	1,160	240	30	30	—
Transport., commun., utilities	15,120	24,320	20,720	1,460	1,050	980	110
Trade	45,320	73,470	62,260	5,530	3,450	2,090	140
Wholesale	12,720	15,770	13,790	1,360	390	220	10
Retail	32,600	57,700	48,470	4,170	3,060	1,870	130
Finance, insur., real estate	10,840	19,730	17,950	830	600	290	60
Services and miscell.	32,700	64,700	53,860	4,510	3,620	2,640	70
Hotels	4,630	17,830	12,190	2,390	1,880	1,330	50
Other services & miscell.	28,070	46,870	41,670	2,120	1,740	1,310	20
Government	51,170	79,420	69,330	4,710	2,670	2,280	430
Federal	27,770	32,700	31,800	370	180	330	30
Air Force	2,810	3,380	3,300	—	—	90	—
Army	5,000	5,990	5,930	40	10	—	—
Navy	10,890	11,820	11,790	—	—	30	—
Other	9,070	11,510	10,780	330	170	210	30
State	15,070	35,290	28,760	3,690	1,810	1,300	330
Local	8,330	11,430	8,770	1,250	680	650	70
Agriculture	12,790	11,020	2,710	2,940	2,150	1,710	1,460
Sugar	7,550	5,390	830	1,720	1,340	1,500	—
Pineapple	3,800	2,940	1,040	—	440	40	1,420
Other	1,440	2,690	840	1,270	370	170	40
Non-agr. self-employed, unpaid family workers, & domestics	21,380	26,870	20,020	3,300	2,110	1,340	90
Agric. self-employed & unpaid family workers	4,970	4,580	1,390	2,260	560	310	60

NA Not available.

Source: Hawaii State Department of Labor and Industrial Relations, *Labor Force Estimates* (monthly and annual) and records.

Table 115.—NON-GOVERNMENTAL EMPLOYMENT AND PAYROLLS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW: 1939 TO 1971

Year	Total covered employment ¹			Non-agricultural employment		
	Total covered employment	Total wages (\$1,000)	Average annual wages (\$)	Covered employment	Total wages (\$1,000)	Average annual wages (\$)
1939	73,309	71,085	970	73,236	71,046	970
1940	60,856	68,629	1,128	60,768	68,578	1,129
1941	79,276	112,502	1,419	79,199	112,445	1,420
1942	98,076	188,920	1,926	98,037	188,882	1,927
1943	78,981	167,835	2,125	78,919	167,750	2,126
1944	75,588	161,320	2,134	75,526	161,223	2,135
1945	77,149	173,112	2,244	77,092	173,026	2,244
1946	82,278	195,347	2,374	82,168	195,119	2,375
1947	93,599	247,277	2,642	93,324	246,551	2,642
1948	93,953	252,135	2,684	93,613	251,168	2,683
1949	90,547	235,950	2,606	90,208	234,973	2,605
1950	90,698	244,152	2,692	90,314	243,092	2,692
1951	96,022	272,254	2,835	95,610	270,935	2,834
1952	98,478	289,054	2,935	98,061	288,008	2,937
1953	101,013	301,491	2,985	100,555	300,070	2,984
1954	99,292	302,431	3,046	98,847	300,951	3,045
1955	102,787	320,476	3,118	102,324	319,316	3,121
1956	107,083	342,875	3,202	106,576	341,540	3,205
1957	111,205	378,111	3,400	110,766	376,858	3,402
1958	114,225	410,926	3,598	113,645	409,061	3,599
1959	135,163	517,208	3,827	125,002	468,105	3,745
1960	149,520	604,184	4,041	135,061	552,217	4,089
1961	149,052	627,414	4,209	139,758	593,547	4,247
1962	144,506	628,177	4,347	131,453	575,698	4,379
1963	146,364	657,350	4,491	133,473	601,996	4,510
1964	152,034	721,424	4,745	139,153	663,852	4,771
1965	160,715	796,161	4,954	148,057	736,969	4,978
1966	169,206	881,783	5,211	157,557	821,269	5,213
1967	175,202	948,425	5,413	163,041	885,410	5,431
1968	185,551	1,088,657	5,867	174,144	1,026,294	5,893
1969	205,053	1,311,655	6,397	193,817	1,246,449	6,431
1970	221,498	1,519,037	6,858	210,471	1,450,086	6,890
1971	225,633	1,591,049	7,051	215,511	1,524,227	7,073

¹Excludes agricultural workers insured under the self-financed program.
Source: Hawaii State Department of Labor and Industrial Relations, records.

Table 116.—EMPLOYMENT AND PAYROLLS COVERED BY HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY INDUSTRY AND COUNTY: 1971

County and industry	Number of employers, December	Average employment	Total wages (dollars)	Average annual wage (dollars)
All counties (excluding government)	13,898	232,437	1,637,377,191	7,044
City and County of Honolulu	11,298	189,005	1,360,866,999	7,200
Hawaii County	1,359	18,692	123,877,103	6,627
Kauai County	569	9,582	57,779,850	6,030
Maui County	916	15,158	94,853,239	6,258
All industries (including government)	13,904	310,658	2,384,784,600	7,677
Agriculture, forestry, fisheries ¹	225	10,871	70,361,522	6,472
Sugar	23	5,725	38,527,708	6,730
Pineapple	8	3,336	20,541,749	6,158
Other	194	1,810	11,292,065	6,239
Mining and contract construction	1,304	23,410	257,938,677	11,018
Manufacturing	654	26,264	192,770,810	7,340
Pineapple canning	31	5,726	33,748,224	5,894
Sugar mill	24	4,928	41,113,198	8,343
Other food processing	133	3,676	25,895,579	7,044
Other manufacturing	466	11,934	92,013,809	7,710
Transportation	468	14,261	128,904,426	9,039
Communications	50	7,239	73,396,658	10,139
Utilities	23	2,486	28,631,342	11,517
Wholesale trade	1,232	16,001	134,233,958	8,389
Retail trade	3,355	55,420	264,391,137	4,771
Finances, insurance, real estate	1,701	17,923	143,016,678	7,980
Services	4,862	58,479	343,349,675	5,871
Nonclassifiable establishments	24	83	382,308	4,606
Government	6	78,221	747,407,409	9,555
Federal	1	32,882	350,467,199	10,658
State	1	34,961	302,285,350	8,646
County	4	10,378	94,654,860	9,121

¹Includes workers insured under the self-financed program.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii, 1971* (December 1972).

Table 117.—WAGE AND SALARY RATES FOR SPECIFIED OCCUPATIONS: 1841 TO 1972

Occupation and year	Annual salary (dollars)	Occupation and year	Monthly salary (dollars)	Occupation and year	Daily wage (dollars)
Chief executive: ¹		Policeman: ²		Sugar workers: ³	
1844	6,000	1843	3.50	1841-44	0.125
1860	16,000	1847	6.00	1854	0.11-0.25
1872	22,500	1861	20.00	1863	0.31-0.38
1888 ⁴	57,588	1873-77	20-22	1888-90	0.60-0.86
1898	12,000	1888	30	1902	0.64
1900	5,000	1903	60	1910	0.70
1910	7,000	1904	75	1915	0.74
1921	10,000	1932	135	1929	1.82
1949	15,000	1940	158	1935	1.70
1956	19,000	1950	245	1941	2.48
1959	25,000	1960	444	1946	5.28
1962	27,500	1966	504	1947	7.63
1965	33,500	1969	555	1957	11.20
1969	38,182	1972	612	1967	21.35
1970	42,000			1972	29.09

¹King to 1893; President, 1893-1899; Governor, 1900 to present. For selected years before 1900; thereafter for each year in which a change was authorized.

²Beginning salary for Honolulu policemen. For selected years.

³Data for 1902-1915 refer to field workers only. Data for 1935 and succeeding years are averages for non-supervisory employees in the industry. Data refer to cash wages only and do not include value of "employee benefits" (\$10.00 a day in 1971) or various workers' perquisites (housing, hospitalization, and sometimes food) provided prior to December 1946.

⁴Includes \$20,000 for privy purse and \$37,588 revenue from rental of Crown lands.

Source: Robert C. Schmitt, "Statistics on Income in Hawaii, 1825-1966," *Hawaii Historical Review, Selected Readings* (Hawaiian Historical Society, 1969), pp. 274-292; Hawaiian Sugar Planters' Association. *HSPA Sugar Manual 1972*, p. 6 and records; *Session Laws of Hawaii 1969*, Act 127; Honolulu Police Department, records, Sugar workers' daily wages for 1863-1929 computed from weekly or monthly data, assuming six working days per week or 26 per month.

Table 118.—MEDIAN EARNINGS OF PERSONS IN THE EXPERIENCED LABOR FORCE DURING THE PREVIOUS YEAR: 1940 TO 1970

Sex	1940 ¹	1950 ¹	1960 ²	1970 ³				
				State total	City and Co. of Hon.	Hawaii County	Kauai County	Maui County
Male	659	2,504	4,353	8,055	8,518	6,672	6,474	6,721
Female	520	1,772	2,407	4,208	4,307	3,893	3,765	3,689

¹Median wage or salary income received by persons 14 years old and over reporting wages or salary of \$100 or more. Includes armed forces.

²Median earnings of all persons 14 years old and over with earnings. Excludes armed forces.

³Median earnings of all persons 16 years old and over with earnings. Excludes armed forces.

Source: *U.S. Census of Population: 1950*, Bulletin P-C52, table 69; *U.S. Census of Population: 1960*, Final Report PC(1)-13C, table 68; *U.S. Census of Population: 1970*, Final Report PC(1)-C13, tables 57 and 122.

Table 119.—AVERAGE ANNUAL WAGES PER WORKER IN MANUFACTURING: 1899 TO 1971

Year	All employees (\$)¹	Production workers (\$)²	Year	All employees (\$)¹	Production workers (\$)²
1899	461	403	1958	3,424	2,906
1909	369	357	1963	4,279	3,585
1919	738	666	1967	5,496	4,574
1939	785	674	1970	6,802	5,680
1954	3,164	2,602	1971	7,238	6,040

¹Total payroll divided by total employment.

²Total wage payments divided by average number of production workers.

Source: Robert C. Schmitt, "Statistics on Income in Hawaii, 1825-1966," *Hawaii Historical Review, Selected Readings* (Hawaiian Historical Society, 1969), pp. 274-292; U.S. Bureau of the Census, *Annual Survey of Manufactures: 1971*, M71(AS)-6.9, p. 5.

Table 120.—HOURS AND EARNINGS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES, 1962 TO 1972

Industry	Ave. weekly earnings (dollars)			Average weekly hours			Ave. hourly earnings (dollars)		
	1962	1971	1972	1962	1971	1972	1962	1971	1972
Contract construction	122.25	223.50	243.54	37.5	37.5	37.7	3.26	5.96	6.46
Manufacturing	72.57	133.73	140.26	37.6	39.8	39.4	1.93	3.36	3.56
Food and kindred products	69.93	123.93	127.83	37.8	40.5	39.7	1.85	3.06	3.22
Communication and utilities	114.26	181.04	192.29	41.7	42.2	41.0	2.74	4.29	4.69
Trade¹	67.58	100.87	105.91	35.2	33.4	33.2	1.92	3.02	3.19
Wholesale trade	88.65	133.73	143.26	39.4	38.1	38.0	2.25	3.51	3.77
Retail trade¹	56.93	87.57	91.08	33.1	31.5	31.3	1.72	2.78	2.91
Finance	84.16	118.08	118.88	—	—	—	—	—	—
Hotels	58.42	77.43	80.35	32.1	29.0	27.9	1.82	2.67	2.88
Laundries	46.60	76.47	77.85	38.2	35.9	34.6	1.22	2.13	2.25

¹Excludes eating and drinking establishments.

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

**Table 121.—AVERAGE PAY RATES FOR SELECTED JOB CLASSIFICATIONS
IN PRIVATE INDUSTRY: 1951 TO 1972**

Survey date	Monthly rates (dollars)				Hourly rates (dollars)		
	Junior typist	Clerk stenographer	Secretary	Civil engineer (entry level)	Carpenter	Electrician	Auto mechanic
1951	193	221	294	—	—	—	—
1952	189	242	295	—	—	—	—
1953	192	247	317	405	1.72	1.86	1.72
1954	191	270	326	434	1.77	1.84	1.72
1955	191	234	328	466	1.75	1.78	1.74
1956	205	279	340	434	1.81	1.87	1.80
1957	208	278	331	540	1.83	1.91	1.87
1958	226	291	343	475	1.96	1.99	2.00
1959	232	301	355	556	2.03	2.10	2.11
1960	234	313	368	488	2.23	2.26	2.27
1961	244	318	373	481	2.32	2.41	2.37
1962	257	321	380	524	2.40	2.51	2.42
1963	255	335	391	560	2.43	2.54	2.49
1964	266	347	408	582	2.63	2.73	2.64
1965	319	358	429	592	2.76	2.90	2.77
1966	294	377	449	601	2.91	3.07	2.98
1967	304	386	470	708	3.10	3.27	3.18
1968	327	423	487	668	3.20	3.43	3.32
1969	357	450	522	768	3.44	3.67	3.53
1970	372	474	547	866	3.57	3.98	3.79
1971	396	500	578	881	3.92	4.17	4.18
1972	430	527	606	885	4.29	4.62	4.57

Source: Hawaii Employers Council, *Compensation for Office Workers in Hawaii* (1951 and 1952) and *Pay Rates in Hawaii* (1953-1972).

**Table 122.—LABOR TURNOVER RATES FOR MANUFACTURING
(EXCEPT PINEAPPLE CANNING): 1961 TO 1972**

Year	Annual accession rates		Annual separation rates		
	Total	New hires	Total	Quits	Layoffs
1961	2.5	2.0	2.7	1.4	0.8
1962	2.9	1.6	3.3	1.1	1.4
1963	3.0	1.8	3.2	1.1	1.1
1964	3.5	2.2	3.3	1.3	0.8
1965	3.1	2.2	2.9	1.3	0.5
1966	2.8	2.0	2.9	1.5	0.4
1967	2.7	1.9	2.7	1.2	0.5
1968	3.4	2.4	3.0	1.5	0.4
1969	3.5	2.9	3.1	1.9	0.2
1970	2.8	2.1	3.2	1.6	0.7
1971	2.2	1.5	2.3	1.1	0.5
1972	2.2	1.8	2.4	1.2	0.3

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

**Table 123.—INDUSTRIAL ACCIDENTS, DEATHS, AND INSURANCE PAYMENTS:
1919 TO 1972**

Year	Accidents		Deaths		Insurance payments (\$1,000)
	Number	Rate ¹	Number	Rate ²	
1919-1921 ³	3,039	20.20	22	8.5	40
1929-1931 ³	6,251	29.38	17	4.7	34
1939-1941 ³	10,720	42.03	22	4.8	98
1949-1951 ³	21,466	80.06	36	7.0	698
1959-1961 ³	27,592	79.40	19	3.0	4,279
1965	29,436	72.75	21	3.0	5,977
1966	30,473	71.52	30	4.2	5,665
1967	29,491	66.87	27	3.7	11,396
1968	32,056	68.91	38	5.2	10,279
1969	35,790	70.86	32	4.3	7,418
1970	37,405	69.12	40	5.2	12,528
1971	34,561	61.66	21	2.7	16,665
1972	34,901	(NA)	45	(NA)	18,773

NA Not available.

¹Accidental injuries for 1,000,000 estimated employee-hours.

²Accidental deaths per 100,000 civilian population.

³Annual averages.

Source: Robert K. Hasegawa, Director of Labor and Industrial Relations, testimony before Senate Ways and Means Committee, January 25, 1972; Hawaii State Department of Labor and Industrial Relations, *Area Manpower Review, Hawaii-Honolulu, 1972-1973* (October 1972), p. 46, and records.

Table 124.—LABOR UNION MEMBERSHIP: 1964 TO 1970

Year	Members	Percent of nonagricultural employment
1964	49,000	23.6
1966	62,000	26.6
1968	70,000	27.4
1970	82,000	28.1

Source: U.S. Bureau of Labor Statistics, as cited in *Statistical Abstract of the United States* (annual).

**Table 125.—MEMBERSHIP IN LABOR UNIONS AND EMPLOYEE ASSOCIATIONS:
1968 AND 1970**

Year	Total unions and associations	Labor unions				Professional and State employee associations
		Total	Affiliated with AFL-CIO	Unaffiliated		
				National	Local unions	
1968	77,000	70,000	36,000	27,000	7,000	7,000
1970	89,000	82,000	45,000	30,000	7,000	8,000

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Directory of National and International Labor Unions in the United States, 1969* (Bulletin 1665) and *Directory of National Unions and Employee Associations* (Bulletin 1750).

Table 126.—WORK STOPPAGES: 1960 TO 1971

Year	Number of stoppages begun in year	Workers involved ¹	Man-days idle during year	Percent of estimated working time
1960	32	5,000	16,000	(NA)
1961	33	22,000	47,000	(NA)
1962	34	4,000	71,000	0.19
1963	27	23,000	176,000	0.47
1964	26	3,000	8,000	0.02
1965	24	8,000	45,000	0.11
1966	28	5,000	44,000	0.10
1967	40	11,000	87,000	0.20
1968	14	8,000	252,000	0.32
1969	26	18,000	205,000	0.03
1970	22	6,800	152,700	0.26
1971	21	3,700	32,200	0.05

NA Not available.

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

Source: U.S. Bureau of Labor Statistics data summarized in *Statistical Abstract of the United States* (annual); U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages, 1970* (Bulletin 1727, 1972) and *Work Stoppages in 1971 (Selected Final Tabulations)* (June 1972).