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BULLETIN

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BUREAU OF LABOR.

No. 94. WASHINGTON. MAY, 1911.

FOURTH REPORT OF THE COMMISSIONER OF LABOR ON HAWAII.

INTRODUCTION.

The present report on labor conditions in Hawaii is the fourth of its kind, previous reports having been published in 1901, 1902, and 1905. In 1902 and 1905 the statistics of wages and other conditions of employment, which it is the main purpose of the investigation to present, were prefaced by extended descriptions of industrial conditions in the Territory, of immigration and settlement, and of the historical background from which the present labor and racial problems of the country have developed. These descriptions and the discussions which accompanied them it would be hardly justifiable to reproduce in the current report, as the volumes in which they first appeared are easily accessible. But such points as are necessary to a clear understanding of the text matter here given are repeated in a summary form by way of introduction.

The completion of the second decennial census of the Territory will render it possible to make for the first time a comparison of social and industrial conditions for two dates from data obtained by uniform methods and containing identical items. From this may be traced the tendencies that have shaped during the past 10 years—the period since Hawaii became a Territory of the United States—the character of its population and the pursuits of its inhabitants. These more authoritative and general statistics will supplant in the following discussion the less certain sources of information which in previous reports afforded material for several miscellaneous text tables.

DESCRIPTION OF THE TERRITORY.

The Hawaiian Islands lie about 2,000 miles southwest of San Francisco, just within the Tropics, and are reached by frequent steamers six days from the latter port. Besides a number of smaller islands, mostly uninhabited or used for grazing only, five larger islands, with a combined area of about 6,000 square miles, form the heart and nucleus of the archipelago. Four of these islands are well developed, possessing railways, telephones, automobile roads, wireless communication, and frequent local steamship service. All of the islands are of volcanic and coral origin and mountainous. Lying

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athwart the constant trade wind, the northeast side of each island has abundant rainfall and a somewhat lower average temperature than the opposite or leeward side, where irrigation is usually necessary to produce a crop. The Territory as a whole possesses, as a consequence, one of the most equable but topographically one of the most varied climates in the world.

The contour of each island is affected by the rainfall, the windward mountain slopes being gullied by deep ravines, which hinder road building and centralized industrial development, while the dry side sometimes slopes off into broad and semiarid plains, where successful farming depends upon costly irrigation plants and intensive and highly capitalized agriculture.

The Territory possesses no mineral or fuel deposits, and this, together with its remoteness from markets, prevents diversified industries. A small amount of subsistence farming, followed principally by natives and orientals, and the production of staple export crops, like sugar, have hitherto been the principal occupations of the people.

POPULATION OF HAWAII, BY RACE.

Less than two centuries ago the natives of Hawaii are supposed to have numbered nearly treble the present total population of the Territory. Though a race of fine physique, they have dwindled away with such startling rapidity that they now form but a small fraction of the present lessened number of inhabitants. Except for political barriers, Mongolians would naturally have supplanted the Polynesians in occupation of the archipelago. Intercourse with China began early in the last century, and the people of the Mongolian race thereafter played an important part in the industrial and commercial history of Hawaii. They introduced, or were pioneers in, the manufacture of cane sugar, which later became the leading industry of the country. They also made possible the second most important branch of agriculture—the cultivation of rice. About 30 years ago Japanese commenced to immigrate in numbers, and as political restrictions have only recently been placed in their way, they now constitute the largest element in the population of the Territory. Of the Caucasian nationalities the Portuguese are most numerous, their migration beginning about the same time as that of the Japanese. Other Europeans and Americans began to settle in Hawaii, as missionaries and traders, soon after its discovery and, though their numbers have increased slowly, their control of industry, and more recently of the government, has given them effective possession of the country. The growing Part-Hawaiian element is affiliated in language, customs, and political status with the white race and forms a link between that race and those of pure Hawaiian blood.

Relations among these different nationalities are normally amicable. Race riots never occur. Intermarriage among the colored races and between some of those races and the whites is not uncom-

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mon. Men of different color, as Portuguese and Japanese, or Americans and Hawaiians, form business partnerships. White and Hawaiian mechanics work side by side in shops and on buildings. Children of all races associate together in the public schools.

The following tables show the total population, by race, for each census since 1853, and also the percentage of the total population belonging to each of the races given. The greater detail of race classification in the census of 1910 permits a subdivision of the Part-Hawaiians and of the Caucasians into subgroups.

POPULATION AT CENSUS PERIODS FROM 1853 TO 1910, BY RACE.

[The data for population from 1853 to 1896, inclusive, have been taken from the Hawaiian Annual for 1901, and those for 1900 and 1910 from the records of the Census.]

NUMBER.

Race.	1853	1866	1872	1878	1884	1890	1896	1900	1910
Hawaiian	70,036	57,125	49,044	44,088	40,014	34,436	31,019	29,799	26,041
Part-Hawaiian	983	1,640	1,487	3,420	4,218	6,186	8,485	7,857	12,506
Foreign-born Chinese	364	1,206	1,938	5,916	17,937	15,301	19,382	21,746	21,674
Foreign-born Japanese	.....	.....	.....	.....	116	12,360	22,329	56,230	79,674
All other	1,755	2,988	[1] 4,428	4,561	[1] 18,293	[1] 21,707	27,805	38,369	52,014
Total	73,138	62,959	56,897	57,985	80,578	89,990	109,020	154,001	191,909

PER CENT.

Race.	1853	1866	1872	1878	1884	1890	1896	1900	1910
Hawaiian	95.76	90.73	86.20	76.03	49.66	38.27	28.45	19.35	13.57
Part-Hawaiian	1.34	2.60	2.61	5.90	5.24	6.87	7.78	5.10	6.52
Foreign-born Chinese	.50	1.92	3.41	10.20	22.26	17.00	17.78	14.12	11.29
Foreign-born Japanese	.....	.....	.....	.....	.14	13.74	20.48	36.51	41.52
All other	2.40	4.75	7.78	7.87	22.70	24.12	25.51	24.92	27.10
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

[1] These figures are necessary to make the totals given, but they do not agree with details as found in the Hawaiian Annual.

The preponderance of Asiatics is even more marked in the census figures showing sex. As will be seen from the following table, out of a population of 106,369 males, the native and foreign-born Asiatic element taken together represent 69,804, or 65.6 per cent of the total male population:

POPULATION IN 1900 AND IN 1910, BY AGE, GROUPS, SEX, AND COLOR OR RACE.

[Data furnished by the Bureau of the Census, 1911.]

Color or race.	Under 21 years of age.			21 years of age and over.			All ages.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
1900.									
Hawaiians	6,763	6,331	13,094	8,879	7,826	16,705	15,642	14,157	29,799
Part-Hawaiians	2,749	2,677	5,426	1,222	1,209	2,431	3,971	3,886	7,857
Caucasians	7,281	6,958	14,239	9,250	5,330	14,580	16,531	12,288	28,819
South Sea Islanders	38	34	72	225	118	343	263	152	415
Negroes	65	55	120	93	20	113	158	75	233
Chinese	3,701	2,126	5,827	18,595	1,345	19,940	22,296	3,471	25,767
Japanese	6,165	3,915	10,080	41,343	9,688	51,031	47,508	13,603	61,111
Total	26,762	22,096	48,858	79,607	25,536	105,143	106,369	47,632	154,001

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POPULATION IN 1900 AND IN 1910, BY AGE, GROUPS, SEX, AND COLOR OR RACE—Con.

Color or race.	Under 21 years of age.			21 years of age and over.			All ages.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
1910.									
Hawaiian	5,513	5,404	10,917	7,926	7,198	15,124	13,439	12,602	26,041
Caucasian Hawaiian	2,956	2,813	5,769	1,482	1,521	3,003	4,438	4,334	8,772
Asiatic Hawaiian	1,363	1,391	2,754	449	531	980	1,812	1,922	3 734
Portuguese	6,599	6,508	13,107	4,974	4,222	9,196	11,573	10,730	22,303
Porto Rican	1,315	1,216	2,531	1,563	796	2,359	2,878	2,012	4,890
Spanish	610	569	1,179	468	343	811	1,078	912	1,990
Other Caucasian	2,359	2,244	4,603	6,896	3,368	10,264	9,255	5,612	14,867
Chinese	3,453	2,930	6,383	13,695	1,596	15,291	17,148	4,526	21,674
Japanese	12,989	11,016	24,005	41,794	13,875	55,669	54,783	24,891	79,674
Korean	400	306	706	3,531	296	3,827	3,931	602	4,533
Black	14	15	29	106	23	129	120	38	158
Mulatto	177	181	358	118	61	179	295	242	537
All other	1,355	245	1,600	994	142	1,136	2,349	387	2,736
Total	39,103	34,838	73,941	83,996	33,972	117,968	123,099	68,810	191,909

THE INDUSTRIES OF HAWAII.

The principal occupations of the people of Hawaii are shown in the following table, which states the number engaged in each trade or employment, by color or race, in 1900. It is to be regretted that similar data for 1910 are not available at the present writing.

NUMBER OF MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS, 1900.

Occupation.	White.[1]	Negro.	Chinese and Japanese.	Total.	Per cent of Chinese and Japanese of total.
AGRICULTURAL PURSUITS.					
Agricultural laborers	1,503	14	44,370	45,887	96.69
Farmers, planters, and overseers	2,602	4	3,654	6,260	58.37
Gardeners, florists, nurserymen, etc	83	1	531	615	86.34
Lumbermen, wood choppers, etc	56	.....	69	125	55.20
Stock raisers, herders, and drovers	341	.....	72	413	17.43
Other occupations	31	1	48	80	60.00
Total	4,616	20	48,744	53,380	91.32
PROFESSIONAL SERVICE.					
Clergymen	132	.....	35	167	20.96
Engineers (civil, etc.) and surveyors	136	.....	1	137	.73
Lawyers	165	.....	5	170	2.94
Officials (Government)	172	1	12	185	6.49
Teachers and professors in colleges	172	.....	29	201	14.43
Other occupations	341	22	71	434	16.36
Total	1,118	23	153	1,294	11.82
DOMESTIC AND PERSONAL SERVICE.					
Barbers and hairdressers	35	2	163	200	81.50
Laborers (not specified)	5,875	28	3,493	9,396	37.18
Launderers	16	.....	572	588	97.28
Restaurant and saloon keepers	30	.....	113	143	79.02
Servants and waiters	147	5	2,611	2,763	94.50
Soldiers, sailors, and marines (United States)	244	1	.....	245	.....
Stewards	26	.....	102	128	79.69
Watchmen, policemen, firemen, etc	449	1	63	513	12.28
Other occupations	114	.....	131	245	53.47
Total	6,936	37	7,248	14,221	50.97

[1] The word "white," as used in this table, includes not only Caucasians but also Hawaiians, Part-Hawaiians, and South Sea Islanders.

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NUMBER OF MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS, 1900—Concluded.

Occupation.	White.	Negro.	Chinese and Japanese.	Total.	Per cent of Chinese and Japanese of total.
TRADE AND TRANSPORTATION.					
Bankers, brokers, officials of banks, etc	153	1	34	188	18.09
Boatmen and sailors	395	5	70	470	14.89
Bookkeepers, clerks, stenographers, etc	1,068	.....	645	1,713	37.65
Draymen, hackmen, teamsters, etc	796	5	460	1,261	36.48
Hostlers	85	.....	162	247	65.59
Hucksters and peddlers	35	.....	165	200	82.50
Merchants and dealers	339	1	1,122	1,462	76.74
Messengers, packers, porters, etc	50	.....	74	124	59.68
Salesmen	164	.....	397	561	70.77
Steam railroad employees	86	.....	76	162	46.91
Other occupations	239	.....	41	280	14.64
Total	3,410	12	3,246	6,668	48.68
MANUFACTURING AND MECHANICAL PURSUITS.					
Bakers	18	.....	139	157	88.54
Blacksmiths	271	.....	125	396	31.57
Boot and shoe makers and repairers	37	.....	89	126	70.63
Butchers	89	.....	119	208	57.21
Carpenters and joiners	972	.....	983	1,955	50.28
Engineers and firemen (not locomotive)	442	2	195	639	30.52
Fishermen and oystermen	596	.....	461	1,057	43.61
Iron and steel workers	167	.....	5	172	2.91
Machinists	137	.....	24	161	14.91
Manufacturers and officials, etc	113	.....	107	220	48.64
Masons (brick and stone)	182	1	47	230	20.43
Painters, glaziers, and varnishers	270	2	130	402	32.34
Printers, lithographers, and pressmen	117	1	17	135	12.59
Sugar makers and refiners	102	2	508	612	83.01
Tailors	38	.....	530	568	93.31
Other occupations	753	.....	693	1,446	47.93
Total	4,304	8	4,172	8,484	49.17
Grand total	20,384	100	63,563	84,047	75.63

The following table shows the principal manufacturing industries of the Territory, grouped by value of product, and the growth of these industries since 1900:

PRINCIPAL MANUFACTURING INDUSTRIES, GROUPED BY VALUE OF PRODUCT, SHOWING GROWTH SINCE 1900.

[Figures for 1910 furnished by Bureau of the Census.]

Industry.	1900		1910		Per cent of increase in 1910 over 1900.	
	Establishments.	Value of product.	Establishments.	Value of product.	Establishments.	Value of product.
Boot and shoe shops	14	$47,000	14	$126,000	.....	168.1
Bread and other bakery products	8	10,000	46	344,000	475.0	3,340.0
Carriages and wagons	7	106,000	17	116,000	142.9	9.4
Coffee and spice, roasting and grinding	4	38,000	4	50,000	.....	31.6
Coffee, cleaning and polishing	6	95,000	5	297,000	[1] 16.7	212.6
Food preparations	27	62,000	87	341,000	222.2	450.0
Ice, manufactured	4	56,000	5	107,000	25.0	91.1
Lumber and timber products	3	91,000	8	281,000	166.7	208.8
Mineral and soda waters	7	89,000	22	194,000	214.3	118.0
Printing and publishing	10	200,000	37	435,000	270.0	117.5
Rice, cleaning and polishing	41	664,000	74	2,239,000	80.5	237.2
Saddlery and harness	7	78,000	6	49,000	[1] 14.3	[1] 37.2
Sugar and molasses	44	19,255,000	46	35,950,000	4.5	86.7
Total, specified industries	182	20,791,000	371	40,529,000	103.8	94.9
Other industries not specified	40	2,563,000	129	6,875,000	222.5	168.2
All industries	222	23,354,000	500	47,404,000	125.2	103.0

[1] Decrease.

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It will be seen that between 1900 and 1910 there has been an increase of 125 per cent in the number of manufacturing establishments in the islands and of 103 per cent, or over $24,000,000, in the value of their products. Of this increase over $16,500,000 was in a single industry—sugar and molasses.

The following table shows the number of principal manufacturing establishments in specified industries, classified according to the race of the proprietors:

NUMBER OF PRINCIPAL MANUFACTURING ESTABLISHMENTS, BY INDUSTRY AND BY RACE OF PROPRIETORS.

Industry.	Number of establishments and race of proprietors.				
	Chinese.	Japanese.	Korean.	All other.[1]	Total.
Boots and shoes	14	.....	.....	.....	14
Bread and other bakery products	13	28	.....	5	46
Carriages and wagons	2	10	.....	5	17
Coffee and spice, roasting and grinding	.....	.....	.....	4	4
Coffee, cleaning and polishing	.....	1	.....	4	5
Food preparations	68	14	.....	5	87
Ice, manufactured	.....	.....	.....	5	5
Lumber and timber products	3	.....	.....	5	8
Mineral and soda waters	1	2	.....	19	22
Printing and publishing	3	11	1	22	37
Rice, cleaning and polishing	59	12	.....	3	74
Saddlery and harness	1	1	.....	4	6
Sugar and molasses	.....	.....	.....	46	46
Other industries	25	36	.....	68	129
Total	189	115	1	195	500

[1] With few unimportant exceptions, Caucasians.

The above figures show a large percentage of the establishments in the hands of Chinese and Japanese owners, but this is not of especial significance, inasmuch as most of the establishments in the hands of Orientals are small in number of employees and value of product. The Chinese, perhaps more extensively than the Japanese, manufacture for a trade outside their own race.

In recent years there has been a tendency toward a diversification of industry and occupations in Hawaii, and toward the subdivision of land for cultivation. The former tendency is confirmed by the relatively faster growth of Honolulu, as compared with the rural districts of the islands, in population.

POPULATION OF HONOLULU AND OF HAWAII COMPARED, 1900, 1910.

Year.	Hawaii.	District of Honolulu.
1900	154,001	39,306
1910	191,909	52,000
Per cent of increase 1910 over 1900	24.6	32.3

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These figures do not include persons in the military and naval service of the United States.

The economic progress of the oriental races in Hawaii has been shown so thoroughly by the census statistics that little additional is necessary to reenforce those figures. According to the assessment rolls, the property of the Japanese, upon which taxes were paid, rose in value from $128,163 in 1901, to $168,545 in 1904, and $1,748,179 in 1909, an increase in eight years of over 1,264 per cent. During the same eight years the assessed valuation of property owned by Chinese taxpayers rose from $1,320,084 to $3,325,801. The total property valuation of the Territory is $146,566,222; the total reported income $669,539 annually. The full figures of taxation for Portuguese, Chinese, and Japanese are given in the following table:

NUMBER OF TAXPAYERS, ETC., IN HAWAII OF THE PRINCIPAL NATIONALITIES FROM WHICH ASSISTED IMMIGRANTS HAVE COME, 1909.

Nationality.	Property tax.			Income tax.		
	Number of taxpayers.	Amount of tax.	Assessed value of property.	Number of taxpayers.	Amount of tax.	Amount of annual income.
Portuguese	1,794	$24,451.41	$2,451,141	139	$1,473	$73,671
Chinese	2,252	33,258.01	3,325,801	168	1,847	88,532
Japanese	2,515	17,481.79	1,748,179	134	2,002	97,930
Total	6,561	75,191.21	7,525,121	441	5,322	260,133

The property tax is levied upon an assessed valuation assumed to be nearly the true valuation, which it is in case of much of the property here affected. However, in condemnations, considerably more than assessed valuation is claimed and paid. There is a $300 exemption, which makes the sum here given much less than the total property held by these nationalities in Hawaii.

The general income tax is 2 per cent on all incomes over $1,500 (formerly $1,000) per annum, and the special income tax 2 per cent on all incomes over $4,000 per annum, with an exemption of $1,000 from the aggregate income of each family composed of parents and minor children; 4 Portuguese, 6 Chinese, and 2 Japanese pay the special income tax.

The report of 1905 contained a summary of educational conditions in Hawaii which requires little amendment to be equally true at the present time. The growth of educational facilities has been hardly normal, because of insufficient appropriations; but the school system as a whole is about on a par with that of our Western States. The College of Hawaii has been established, with the assistance of Federal appropriations, under the agricultural college law, but has not yet developed advanced courses or procured a complete equipment, though favorable progress has been made.

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The proportion of orientals in the public and private schools continues to increase, the latest figures being as follows:

RACE OR NATIONALITY OF CHILDREN IN PUBLIC AND PRIVATE SCHOOLS OF HAWAII, 1900 TO 1910.

[Reports of the governor of Hawaii to the Secretary of the Interior for the fiscal years ended June 30, 1909, and June 30, 1910.]

Race or nationality.	December, 1900.	December, 1901.	December, 1902.	June, 1903.	December, 1904.	December, 1905.	December, 1906.	December, 1907.	1908.[1]	1909.[1]	1910.[1]
Hawaiian	4,977	4,903	5,076	4,893	4,983	4,943	4,906	4,658	4,575	4,608	4,381
Part-Hawaiian	2,631	2,869	2,934	3,018	3,267	3,430	3,500	3,546	3,548	3,681	3,842
American	698	812	796	799	931	1,025	1,009	937	930	972	1,076
British	232	240	215	217	226	268	187	220	219	173	163
German	320	337	333	295	252	298	273	295	243	276	266
Portuguese	3,809	4,124	4,335	4,243	4,448	4,683	4,437	4,537	4,537	4,696	4,662
Scandinavian	114	98	108	194	93	99	82	81	68	.....	.....
Japanese	1,352	1,993	2,341	2,521	3,313	3,869	4,547	5,035	5,513	6,415	7,078
Chinese	1,289	1,385	1,499	1,554	1,875	2,087	2,197	2,548	2,596	2,830	2,855
Porto Rican	.....	596	593	538	437	405	392	368	355	438	372
Korean	.....	.....	.....	.....	.....	.....	161	210	224	180	260
Others	115	162	152	143	192	537	199	652	637	620	582
Total	15,537	17,519	18,382	18,415	20,017	21,644	21,890	23,087	23,445	24,889	25,537

[1] These numbers are as of June 30 for public schools and Dec. 31 of the previous year for private schools.

The enrollment of Japanese children continues to increase both relatively and absolutely faster than that of any other race; but this rate of increase was last year less than for any other year since 1902.

One of the most significant facts of the educational history of this period has been the increase in school facilities provided privately by the Japanese residents for their own children. The facts are given in the documents submitted by the Japanese laborers at the time of their strike in 1909, and are published on page 736 of this report.

THE SUGAR INDUSTRY.

CENTRALIZATION OF THE INDUSTRY.

The sugar plantations of Hawaii are conducted under a centralized administration, in which planting and manufacture are combined. Instead of a few large centrals, buying cane from many small cultivators of more or less independent status, each mill owns or leases—usually leases—and directly operates in its immediate vicinity tracts of land varying from several hundred to several thousand acres. The number of employees on such a plantation may be 2,000 or 3,000, and the capital invested $4,000,000 or $5,000,000. This system of agriculture is due to both historical and economic causes. Under the Polynesian feudalism, which determined land tenures in the islands, the land was originally in large domains, which have in many places persisted until the present time. The largest plantations, in the semi-arid sections which are best adapted to cane culture, could be developed only by heavy capital expenditures for artesian wells and pump-

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ing plants, or by ditches to the windward side of the island, as long and as difficult and expensive to engineer as a traffic canal. The system of contract labor, at first native Hawaiian, later Chinese, and finally Japanese and Portuguese, which continued in a modified form until the annexation of the islands to the United States, favored the operation of labor in large units. Finally the extensive capital required to market in our eastern seaports a crop from a place so distant as Hawaii placed the control of the industry in the hands of large merchants or of credit institutions, who found it easier to deal with large than with small producers.

Some predict that the increasing subdivision of lands now occurring in Hawaii, the abolition of the contract system and restriction of oriental immigration, the increasing competition for freights and closer commercial intercourse with America, and the movement toward the public control and conservation of natural resources which is likely to react upon irrigation methods in Hawaii, will ultimately bring about a reorganization of the sugar industry upon a central-mill, small-farm basis. However this may be in the future, the past five years have witnessed an increasing centralization of this industry; large plantations have been combined into still larger plantations; sugar-factor firms, which represent the center of financial control, are fewer but stronger than in 1905; local transportation, both by land and by water, is more centralized and in more direct relations with sugar-producing interests; and steamship lines to the mainland are more closely allied than ever with sugar factors and planters.

While the same general organization of the sugar industry prevails throughout Hawaii, the methods of cultivation and transportation, and the actual size of the plantations, are quite different according to varying natural conditions. Some plantations are small because the amount of arable land, or of land that can be put under water, tributary to a mill, is limited. The windward plantations are relatively smaller because the broken country on that side of the islands makes natural boundaries which it is not economical to transcend. The superabundant water allows cane to be flumed to these mills, while elsewhere private railways are the chief dependence for transportation. As a rule cultivation methods are not so intensive in the rainfall as in the irrigated districts, and the product per acre is not so large.

STATISTICS OF PRODUCTION.

The general statistics of the sugar industry are probably shown with more accuracy and detail in the report of the latest census than in compilations from private sources. These tables, however, do not show the variations of the industry during the years intermediate

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between 1899 and 1909. The total crops for the 10 years ending with 1910 are given in the following table:

TONS OF SUGAR PRODUCED IN THE HAWAIIAN ISLANDS, EACH FISCAL YEAR (OCT. 1–SEPT. 30), 1901 TO 1910, BY ISLANDS AND PRODUCING COMPANIES.

[From report of the secretary of the Hawaiian Sugar Planters' Association, Honolulu, Oct. 30, 1910. 2,000 pounds to the ton.]

Island and company.	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
HAWAII.										
Beecroft Plantation	325									
Hakalau Plantation Co.	10,932	11,700	11,293	8,396	10,862	12,869	11,914	12,834	11,586	11,905
Halawa Plantation	1,357	575	1,860	1,016	925	1,036	1,615	1,958	1,135	1,679
Hamakua Mill Co.	7,808	2,105	6,950	4,691	5,925	6,358	6,835	12,355	8,293	5,526
Hawaii Mill Co. (Ltd.)	843	985	1,503	1,728	1,438	1,825	1,800	2,818	2,838	2,313
Hawaiian Agricultural Co.	10,956	11,998	18,888	10,954	1,620	826	11,630	10,274	11,406	11,003
Hawi Mill & Plantation	2,727	1,373	5,563	3,631	3,687	4,389	5,296	7,125	6,011	6,881
Hilo Sugar Co.	10,214	9,255	13,108	7,701	9,971	11,751	11,649	12,853	12,291	12,568
Honokaa Sugar Co.	9,903	3,089	8,587	7,402	6,895	7,940	6,898	7,657	10,533	7,562
Honomu Sugar Co.	4,401	6,235	6,384	5,489	5,909	5,852	5,502	7,511	6,041	6,541
Hutchinson Sugar Plantation Co.	9,928	8,021	7,527	5,741	7,107	6,940	7,063	9,628	4,712	6,580
Kaiwiki Sugar Co. (Ltd.)										2,134
Kohala Sugar Co.	3,160	1,096	5,409	2,663	3,350	3,300	2,400	4,914	5,579	4,662
Kona Development Co.								1,000	1,271	1,589
Kona Sugar Co.	1,500	1,391	1,850	897						
Kukaiau Mill Co.	2,000	1,118	1,746	1,274	1,416	1,435	1,402	1,427	1,483	1,728
Kukaiau Plantation Co.	2,000	1,118	1,746	1,275	1,415	2,154	2,103	2,141	2,225	1,037
Laupahoehoe Sugar Co.	5,504	7,909	4,856	4,336	5,866	7,864	7,848	7,944	8,004	7,970
Niulii Mill & Plantation	1,516	1,146	1,903	1,189	1,645	2,226	2,501	2,452	2,768	2,231
Olaa Sugar Co.	1,150	16,748	15,030	13,788	11,361	9,405	9,431	15,795	19,179	19,483
Onomea Sugar Co.	8,722	11,880	13,472	10,940	11,049	13,930	12,432	17,006	14,416	12,843
Ookala Sugar Plantation Co.	4,968	1,157	3,942	2,214	3,712	3,223	5,352	5,195	6,646	
Paauhau Sugar Plantation Co.	9,635	1,322	9,136	7,533	8,006	8,795	7,857	10,448	9,315	7,493
Pacific Sugar Mill	4,948	2,517	6,059	3,388	4,342	4,331	2,931	3,459	5,263	5,055
Pepeekeo Sugar Co.	7,173	6,627	6,000	4,907	6,167	6,477	6,677	7,590	6,873	7,012
Puakea Plantation	145	307	366	201	262	398	400	661	992	1,474
Puako Plantation			550	438	500	223	169	403	835	352
Puna Sugar Co.		2,460	3,603	3,146	3,147	867	1,172	1,691		
Union Mill Co.	2,003	463	3,380	1,776	2,166	2,570	2,828	3,259	3,160	1,811
Waiakea Mill Co.	10,800	8,700	9,954	6,151	7,661	10,766	8,186	9,761	9,486	10,424
Total[1]	134,618	121,295	170,665	122,865	126,405	137,750	143,891	180,159	172,341	159,856
MAUI.										
Hamoa Plantation	1,450	1,748								
Hana Plantation	2,774	2,700	4,922	2,662						
Hawaiian Commercial & Sugar Co.	22,345	19,477	33,230	29,829	39,411	43,652	44,143	56,150	52,725	56,865
Kaeleku Plantation Co. (Ltd.)					2,720	850	2,702	3,026	4,004	5,221
Kihei Plantation Co. (Ltd.)	1,374	5,562	5,629	5,461	4,410	5,161	3,926			
Kipahulu Sugar Co.	1,992	1,427	1,622	1,415	1,324	1,464	1,809	1,843	1,960	2,046
Haiku Sugar Co.	5,488	4,234	6,397							
Maui Agricultural Co.				13,521	17,820	19,861	20,220	22,627	28,808	29,295
Paia Plantation	7,216	4,146	7,856							
Maui Sugar Co.		483	257	485						
Olowalu Co.	1,240	1,055	843	1,125	1,652	1,635	1,448	1,765	1,829	1,796
Pioneer Mill Co. (Ltd)	6,568	9,960	16,530	17,036	25,581	22,509	23,099	27,146	27,518	27,299
Wailuku Sugar Co.	7,902	5,934	7,490	6,451	7,516	7,828	7,425	10,072	17,761	16,932
Total	58,349	56,726	84,776	77,985	100,434	102,960	104,772	122,629	134,605	139,454
OAHU.										
Apokaa Sugar Co. (Ltd.)		901	610	874	454	865	461	984	432	902
Ewa Plantation Co.	33,036	38,775	33,162	29,797	32,380	29,302	31,790	33,919	33,949	31,422
Heeia Agricultural Co. (Ltd.)	1,507	631								
Honolulu Plantation Co.	10,008	9,800	20,736	16,376	20,106	18,646	19,178	18,996	18,688	18,373
Kahuku Plantation Co.	7,072	5,623	8,212	6,360	7,431	6,689	6,500	6,519	6,487	5,566
Koolau Agricultural Co.									247	590
Laie Plantation	1,693	430	724	597	857	1,112	873	971	829	1,170
Oahu Sugar Co.	21,454	26,724	29,256	20,870	33,589	26,710	28,457	35,320	34,651	29,296
Waialua Agricultural Co. (Ltd.)	17,699	17,001	19,800	18,682	19,722	20,788	22,614	30,376	32,267	30,870
Waianae Co.	4,020	5,000	5,348	5,500	5,128	5,490	6,214	5,686	6,469	6,614
Waimanalo Sugar Co.	3,045	2,985	3,218	2,963	3,428	4,148	3,186	4,242	4,404	3,845
Total	99,534	107,870	121,066	102,019	123,095	113,750	119,273	137,013	138,423	128,648

[1] For 1905 the items foot up 1 less than the total given. Items and total are printed as given in the report.

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TONS OF SUGAR PRODUCED IN THE HAWAIIAN ISLANDS, EACH FISCAL YEAR (OCT. 1-SEPT. 30), 1901 TO 1910, ETC.—Concluded.

Island and company.	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
KAUAI.										
Estate V. Knudsen	676	735	666	687	680	644	680	731	769	826
Gay & Robinson	1,554	2,265	1,645	1,665	2,151	2,099	2,590	2,675	3,354	3,223
Grove Farm Plantation	2,183	2,915	1,896	1,679	1,679	1,933	1,807	2,508	3,376	3,673
Hawaiian Sugar Co	13,419	11,480	10,324	11,493	19,062	18,616	20,140	21,633	23,788	23,422
Kekaha Sugar Co	7,412	8,978	7,064	7,447	7,318	6,626	7,329	8,283	10,385	14,124
Kilauea Sugar Plantation Co	5,364	3,762	3,012	1,350	2,290	2,700	3,844	3,194	4,975	4,102
Koloa Sugar Co	5,492	5,001	4,825	6,172	6,172	5,570	5,553	7,361	7,303	7,709
Lihue Plantation Co	18,356	13,674	11,375	14,611	14,185	16,005	14,127	14,445	15,780	14,765
Makee Sugar Co	9,954	11,232	8,215	7,840	8,335	7,986	6,696	7,408	4,664	5,823
McBryde Sugar Co. (Ltd.)	2,208	9,113	11,922	10,535	13,136	11,024	7,890	11,294	13,686	10,596
Waimea Sugar Mill Co	919	565	540	627	1,305	1,550	1,425	1,790	1,707	1,906
Total[1]	67,537	69,720	61,484	64,606	76,314	74,753	72,081	81,322	89,787	90,169
Grand total	360,038	355,611	437,991	367,475	426,248	429,213	440,017	521,123	535,156	518,127

[1] See note 1 on page 682.

A considerable extension of the cane area is still possible, with prospective water development; but at the same time the rate of yield from the longer cultivated fields is likely to diminish.

FIELD AND MILL EMPLOYMENTS.

Sugar cane in Hawaii is usually an 18-month crop, and must be cut at maturity to avoid deterioration. Replanting occurs every second or third crop on most plantations, though some planters rattoon (allow the cane to grow up from the old roots) in particular fields for seven or eight crops. The labor problem of a plantation consists in getting field hands; for here lies the main expense in making a crop, the pressure to get cheap labor is greatest, and the work is in many ways less attractive than on the railways, at the reservoirs and pumps, and in the mill.

The field operations consist in plowing and preparing the land, including on the irrigated plantations ditching the fields (to be distinguished from constructing and maintaining main ditches), planting, fertilizing, cultivating (mostly with a hoe), stripping (or removing the dead leaves from time to time from the lower cane stalks), cutting, and loading. Several of these operations, especially the last two mentioned, are on most plantations done by contract or on a piecework basis, and are more highly paid than other field employments.

The mill operations are complex enough to require for most of the specialized occupations a certain degree of skill, for which a somewhat higher rate is paid than for field work. The mill hours are usually 12, less mealtime, as compared with 10 in the fields. Field work begins at daylight and is usually over about 4 o'clock in the afternoon.

Upon any large plantation are a number of mechanical employments, such as repairing implements and harness, building and

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repairing houses for laborers, machine-shop work, and running and maintaining electric and irrigation plants. A force of common labor is required to build and maintain flumes and railways, fences, bridges, and plantation roads, to handle sugar and freight, and to take care of live stock.

CONDITIONS OF EMPLOYMENT AND WAGES OF PLANTATION LABOR.

The conditions of employment and the rate of pay of all these classes of workmen vary; but all employees, from the manager downward, are subject to certain general requirements which are practically uniform, and enjoy certain privileges and advantages which vary in degree, but not in kind, for the whole plantation force.

The hours are long, and work begins early. Every conscientious manager, though his salary may be $1,000 a month, is up and "on his job" by sunrise. Plantation work involves some social isolation—and this is probably most felt and most truly occurs in case of white employees. The field hands are numerous enough to form their own society. Practically all plantation employments are physically laborious. Even the manager must be a man of good physique and constitution to stand the long hours daily in the saddle and exposure to the climatic inclemencies peculiar to the Tropics. Stripping cane—now less practiced than formerly—is one of the hardest and most disagreeable kinds of field labor in the whole range of agriculture. On the other hand, one would be likely to suffer more from heat in a New England hay field during the course of a normal summer than in any of the regular planting and cultivating operations of a Hawaiian cane field during the entire season. There are no occupational diseases in plantation work, and very few recorded accidents. Such injuries to employees as occur are mostly on the railways or in the mill.

Plantation employees are under no expense for rent or fuel, and many of them can have gardens and keep fowls and pigs on plantation land. Where such privileges exist no deduction is ever made from wages on their account. The diversity of occupations and of rates of pay is sufficient to afford opportunities of promotion about equal to those in most mainland industries. White men rise from field bosses or mill assistants to managers. Orientals and Hawaiians are promoted from the hoe to the shop bench, the engine throttle, and the saddle.

A majority of the skilled employees, especially of white men, are paid salaries, and their time is not checked as it would be in a mainland manufacturing establishment of equal size. White mechanics and engineers, being themselves bosses over other employees, are not subject to as minute direction and probably on the whole are more independent in their work than in similar positions in other parts of

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the country. But in other ways—in matters of conduct and opinion—some of them feel under more restraint, especially outside of working hours, than do mechanics in America.

The pay of unskilled employees is rated on a monthly basis, 26 days constituting a month. The lowest time rate is $18—for recently arrived Filipinos and orientals or those past the prime of life. Though this is nearly 50 per cent more than was paid in the days of contract labor, it is at present prices little more than a subsistence wage for an oriental with a family. The per capita cost of food, for an adult plantation laborer in Hawaii, according to the dietary now prevailing among them, is between $6 and $7 a month. This estimate is based on the actual cost of boarding laborers, by oriental contractors, and by employers in different places, as shown by their own accounts. Tropical laborers, even the orientals, having no winter rest season, do not work every day; and the average actual earnings of these employees probably do not much exceed, if they exceed at all, $15 monthly.

Nevertheless the Japanese and Chinese plantation hands in Hawaii manage to travel about a good deal from plantation to plantation; they support various purveyors of amusement and luxury, as well as of vice, and they send to Asia yearly large sums, said in the aggregate considerably to exceed $1,000,000.

The reason for this apparent discrepancy between the standard rate of pay of field laborers and their actual economic status is found in the system of bonuses and of contracts, that has everywhere been introduced to relieve the hard and fast conditions established by the uniform wage scales fixed by agreement among the planters. Bonuses are paid on several plantations to all laborers working 20 days or more in a month and amount to $2 or over. Thus a laborer at the $18 rate working 21 days would receive $16.58, instead of $14.58. More important than the bonuses are the contracts. These fall into three main classes.

The simplest are merely a substitution of piecework for time work. The operations that most easily lend themselves to this mode of payment are, in the field, cutting seed cane, planting cane, cutting and loading cane, and laying portable track; and in the mill filling, sewing, and marking bags. At many of these operations it is quite possible for a laborer to earn a dollar a day without more than normal exertion, and in some instances workers earn far more than this. It is dangerous to cite exceptions, because of the false impressions they often leave; but a maximum is sometimes worth quoting to show the possibilities of a system. On one plantation visited in 1910 a Japanese man and wife, working as a team in loading cane—one gathering together the stalks into bundles and the other packing the bundles to the car—actually earned on contract $70 in one month.

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An extension of this piecework system exists in the custom of paying an agreed rate per acre for certain operations, such as stripping cane, or cutting.

The second form of contract was fully described in the report of 1902.[1] It consists in allotting to a gang of laborers a certain area of planted cane—after the first fertilization or watering—allowing the gang a certain "advance," which is less than the regular time wage, for each day's work done on the plat, and upon the completion of the harvesting paying an agreed sum for each ton of cane raised, from which total the total advances, without interest, are deducted. Thus if a gang raises upon 20 acres of land 1,200 tons of cane, and has put 1,500 days' labor upon the land, for which 60 cents a day advance has been allowed, and received $1.10 a ton for the cane, the account of the workers will stand in its simplest form as follows:

Debit: 1,500 days, at $0.60 per day	$900
Credit: 1,200 tons cane, at $1.10	1,320
Balance	420

Actual earnings per day, $0.88.

This is at the rate of $22.88 for a month of 26 days, and is in addition to rent and fuel. It is probably rather less than the actual earnings of cultivation contractors during an average season. Meantime these contractors may have been employed part of their time in other plantation occupations, at either a higher or a lower rate than that just given, and their income may have been correspondingly modified. In actual contract accounts there are more complications, because the manager may hire outside labor to help out a gang unable to keep the whole area contracted for in good condition, and there are charges for fertilizers and the use of animals to be deducted from the laborers' account in the final settlement. The outcome, however, is usually that the laborer earns between 80 cents and $1 for each day worked on his contract.

The third form of contract general enough to deserve mention is really a form of tenancy, where a laborer takes a small piece of land and produces a crop, like an independent landholder, selling his cane to the plantation at a contract price, which varies usually from $3.50 to $4 a ton, and is often scaled according to the price of sugar at the date when the sugar from the cane in question is manufactured or marketed. The lands thus quasi leased to laborers are usually either wild lands, which are cleared in lieu of rental and later taken into the plantation proper, or gulch lands, which the laborers are allowed to use free and cultivate at odd hours and which on account of their difficulty of access it would not pay the plantation to cultivate in the regular manner.

[1] Pages 59 to 79; also pages 736 to 756, Bulletin No. 47.

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As bearing upon the matter of wages the race or nationality of plantation employees is of considerable importance. The following table shows the nationality of plantation employees from 1901, the first year after annexation for which there are reports, to the year 1910 (except 1903). The proportion of Japanese increased without interruption until 1905, when there was a decrease due to migration to California and a larger employment of Koreans. After falling off more than 6,000 in two years the number of Japanese employees rapidly rose the following two years by an even greater number, reaching a maximum of 32,771 in 1908. Since that date a decrease has occurred, which is probably permanent, the Japanese being replaced to some extent by Filipinos. But even including Filipinos, a decrease in the proportion of Asiatics has been the leading feature of labor conditions during the past two years.

NUMBER AND PER CENT OF PLANTATION EMPLOYEES OF EACH NATIONALITY, 1901, 1902, 1904-1910.

NUMBER.

Nationality.	1901	1902	1904	1905	1906	1907	1908	1909	1910
American	.....	.....	509	654	615	621	542	604	627
European:									
Portuguese	2,417	2,669	2,876	3,194	3,286	3,394	3,807	3,826	3,906
Spanish	.....	.....	.....	.....	.....	583	750	637	515
Russian	.....	.....	.....	.....	.....	.....	.....	.....	457
Other	.....	.....	470	455	467	544	428	396	.....
Hawaiian	1,470	1,493	1,312	1,711	1,604	1,356	1,309	1,454	1,339
Porto Rican	2,095	2,036	2,066	2,029	2,017	1,878	1,989	2,024	1,869
Oriental:									
Chinese	4,976	3,937	3,778	3,938	3,684	3,248	2,916	3,561	2,761
Japanese	27,537	31,029	32,331	28,030	26,218	30,110	32,771	26,875	28,106
Korean	.....	.....	2,435	4,895	3,615	2,638	2,125	2,229	1,752
Filipino	.....	.....	.....	.....	.....	.....	141	86	2,269
All other	1,092	1,078	83	45	18	75	140	10	316
Total	39,587	42,242	45,860	44,951	41,524	44,447	46,918	41,702	43,917

PER CENT.

American	.....	.....	1.1	1.4	1.4	1.4	1.2	1.5	1.4
European:									
Portuguese	6.1	6.3	6.3	7.1	7.9	7.6	8.1	9.2	8.9
Spanish	.....	.....	.....	.....	.....	1.3	1.6	1.5	1.2
Russian	.....	.....	.....	.....	.....	.....	.....	.....	1.0
Other	.....	.....	1.0	1.0	1.1	1.2	.9	1.0	.....
Hawaiian	3.7	3.5	2.9	3.8	3.8	3.1	2.8	3.5	3.0
Porto Rican	5.3	4.8	4.5	4.5	4.8	4.2	4.2	4.9	4.3
Oriental:									
Chinese	12.6	9.3	8.2	8.8	8.8	7.3	6.2	8.5	6.3
Japanese	69.6	73.5	70.5	62.4	63.1	67.8	69.9	64.4	64.0
Korean	.....	.....	5.3	10.9	8.7	5.9	4.5	5.3	4.0
Filipino	.....	.....	.....	.....	.....	.....	.3	.2	5.2
All other	2.7	2.6	.2	.1	.4	.2	.3	.0	.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The figures for 1909 are abnormal, because a strike of Japanese plantation workers was in progress when they were secured. This strike was confined to the island of Oahu.

The figures for 1904 and 1905 are for July 31. For subsequent years they are for June 30. The number of employees does not vary

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materially throughout the year, but the distribution of employees in different branches of the work is quite different at different seasons.

The following table shows the proportion of the field employees on all the Hawaiian plantations who were, in 1902, 1905, and 1910, respectively, paid on a time rate, by piece rate, and as cultivation contractors. Those holding the third form of contract (p. 686) are omitted, as they either are not on the regular pay rolls of the plantations or are engaged part of their time at time wages.

NUMBER, PER CENT, AND AVERAGE EARNINGS OF FIELD EMPLOYEES (MALE) ON HAWAIIAN PLANTATIONS PAID AT TIME RATE, PIECE RATE, AND AS CULTIVATION CONTRACTORS, 1902, 1905, AND 1910.

Year.	Adult male field hands.										
	Number.	On time wage.			On piecework.			Cultivation contractors.			
		Number.	Per cent.	Average earnings.	Number.	Per cent.	Average earnings.	Number.	Per cent.	Average earnings.	
1902	25,474	15,307	60.1	$0.68	.....	.....	.....	10,167	39.9	[1] $0.99	
1905	23,542	17,749	75.4	.65	.....	.....	.....	5,793	24.6	[2] .83	
1910	19,824	12,769	64.4	.73	74	0.4	[3]	6,981	35.2	[4] .91	

[1] Earnings reported for 9,286 employees only.
[2] Earnings reported for 3,437 employees only.
[3] Not reported.
[4] Earnings reported for 6,867 employees only.

This table affords data for the following table showing the percentage increase or decrease of average wages of adult male field employees for the three years ending with 1905 and the five years ending with 1910.

NUMBER AND AVERAGE DAILY EARNINGS OF ADULT MALE FIELD EMPLOYEES, 1902, 1905, AND 1910.

Field employees.	1902		1905			1910		
	Number.	Average daily wage.	Number.	Average daily wage.	Per cent of decrease since 1902.	Number.	Average daily wage.	Per cent of increase since 1905.
Field hands	15,307	$0.68	17,749	$0.65	4.4	12,769	$0.73	12.3
Contract cultivators [1]	9,286	.99	3,437	.83	16.2	6,867	.91	9.6
All field labor [2]	24,593	.80	21,186	.68	15.0	19,636	.79	16.2
Per cent increase or decrease in food prices [3]					1.4			12.9

[1] Includes only those whose average daily earnings were reported.
[2] Includes only those day hands and contract cultivators whose daily earnings were reported.
[3] See introduction to tables, Chapter II, Table V.

This table indicates that wages have not again attained the high rate, in relation to the cost of food, that they attained soon after annexation, before labor conditions were adjusted to the new system of free contract. But since 1905 they have increased more rapidly than the cost of food. Food prices have risen faster, however, than the wage of day hands.

The number of contract cultivators and their rate of earnings decreased rapidly between 1902 and 1905, principally because labor

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became more plentiful with the great influx of Japanese, and because an invasion of the leaf-hopper made cultivation contracts so precarious for the laborers that they refused to take them.

The decrease in the number of adult male field workers shown in these tables has been accompanied by an increase in the amount of sugar made. The figures are as follows:

NUMBER OF EMPLOYEES AND OF ADULT MALE FIELD HANDS AND TOTAL AND AVERAGE AMOUNT OF SUGAR MADE, 1902, 1905, AND 1910.

Year.	Total number of employees.	Number of adult male field hands.	Tons of sugar made.		
			Total.	Per employee.	Per adult male field hand.
1902	42,242	25,474	355,611	8.4	14.0
1905	44,951	23,542	426,248	9.5	18.1
1910	43,917	19,824	518,127	11.8	26.1

Allowing for slight errors in these figures, due to possible differences in the classification of occupations in different years, the tendency to displace unspecialized field labor with specialized and more productive labor of another class is very evident. It is the outcome to be expected when more expensive free labor is substituted for cheap contract labor. Two modifications in field methods account for no small part of this change—less cane is stripped than formerly, as stripping is no longer profitable at present wages; and cane is in many districts burned before cutting, with a saving of labor in its subsequent handling. Even with rising wages these economies of operation have probably lessened considerably the labor cost of making sugar, and they represent a tendency likely to continue for some time to come.

SUPERVISION OF FIELD WORK.

The immediate supervision and control of field operations is intrusted to overseers, locally known by the Hawaiian term "lunas," who officer the laborers. One or more head overseers, under the direction and in consultation with the manager, distribute work to the different gangs, and assign men to their places and occupations for the day or week. Under these are subordinate overseers, who direct the labor of one or more gangs of men in the field. A competent "luna" can manage about 50 field hands. The character of the overseer under whom he works has much to do with the comfort and contentment of the laborer. Some lunas are brutal and overbearing, and until laws and regulations and the greater scarcity of labor prevented, were prone to use physical violence and unjust fines in dealing with their men. Others, even under the old contract system, had the faculty of securing obedience and good service by humane measures. The relations of overseers and laborers are probably now

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better than ever before, and the irritable and violent overseer is disappearing, if not because he is disliked, because he is no longer profitable.

The salaries of overseers and field bosses, like day wages, are increasing. This is in spite of the fact that Portuguese, Part-Hawaiians, and in some instances orientals, have now qualified themselves for such positions. These men are willing to serve for a lower salary, and perhaps get along with workers of their own nationality better than would a white man. But the latter inference is not always true. Some laborers are inclined to be jealous of the promotion of their own countrymen, and to resent being bossed by them. Among the Japanese this spirit is said to be caused by the fact that the men promoted originally belonged to the laboring class, not because they are Japanese. Such laborers would willingly accept orders from a Japanese of the educated or ruling class. Added to this is perhaps a feeling that the solidarity of the Japanese in Hawaii as representing labor interests should not be broken by the desertion of any of their number to the employer's side.

The average wages of overseers and foremen employed on Hawaiian sugar plantations in 1902, 1905, and 1910, respectively, and the proportion belonging to each race, are shown in the following table:

NUMBER, PER CENT, AND AVERAGE MONTHLY SALARY OF OVERSEERS AND FOREMEN ON HAWAIIAN SUGAR PLANTATIONS, 1902, 1905, AND 1910, BY RACE.

Race of overseers and foremen.	1902			1905			1910		
	Number.	Per cent.	Average monthly salary.	Number.	Per cent.	Average monthly salary.	Number.	Per cent.	Average monthly salary.
Caucasian	[1] 366	44.0	$87.54	339	38.7	$84.36	333	32.7	$96.03
Hawaiian and Part-Hawaiian	106	12.7	47.90	116	13.2	44.24	[2] 123	12.1	45.63
Portuguese	203	24.4	42.93	273	31.1	42.19	310	30.5	42.90
Chinese	28	3.4	36.67	24	2.7	31.90	[3] 25	2.5	36.81
Japanese	129	15.5	31.52	[4] 125	14.3	31.33	[5] 226	22.2	31.95
Total	832	100.0	61.21	877	100.0	56.93	1,017	100.0	58.04

[1] Including 1 New Zealander.
[2] Including 1 Guam Islander.
[3] Including 1 Filipino.
[4] Including 2 Koreans.
[5] Including 1 Korean.

WAGES OF SKILLED PLANTATION LABOR.

The mechanics employed on a plantation include blacksmiths, carpenters, and other trade workers, together with their helpers receiving more than the field rate. Where men are rated as mechanics' helpers on plantation pay rolls at a wage not exceeding $20 for 26 days' work, it is safe to assume, for statistical purposes, that they are common laborers detailed to carry materials or otherwise to assist skilled men in an unskilled capacity. Mechanical employments also include engineers, oilers, and firemen in mills, at pumps, and on locomotives and steam plows. To simplify classification, this group of occupations also includes sugar boilers,

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assistant sugar boilers, chemists, and assistant chemists. But it does not include chemists' helpers, who are usually laboratory servants performing janitor work. The variation in average pay and in race of these employees, on all Hawaiian plantations, in 1902, 1905, and 1910, respectively, is shown in the following table:

NUMBER, PER CENT, AVERAGE DAILY WAGE OF SKILLED HANDS ON HAWAIIAN SUGAR PLANTATIONS, 1902, 1905, AND 1910, BY RACE.

Race of skilled hands.	1902			1905			1910		
	Number.	Per cent.	Average daily wage.	Number.	Per cent.	Average daily wage.	Number.	Per cent.	Average daily wage.
Caucasian	[1] 352	18.3	$4.22	322	14.6	$4.38	346	13.7	$3.85
Hawaiian and Part-Hawaiian	[2] 160	8.3	1.80	[3] 163	7.4	1.68	[4] 138	5.5	1.56
Portuguese	230	11.9	1.69	286	13.0	1.61	309	12.2	1.49
Chinese	111	5.8	1.22	155	7.1	1.06	151	6.0	1.27
Japanese	1,075	55.7	1.06	1,272	57.9	.97	[5] 1,580	62.6	1.05
Total	1,928	100.0	1.78	2,198	100.0	1.61	2,524	100.0	1.53

[1] Including 2 West Indian Negroes and 1 New Zealander.
[2] Including 3 Filipinos and 1 South Sea Islander.
[3] Including 2 Filipinos.
[4] Including 7 Filipinos and 1 Guam Islander.
[5] Including 8 Koreans.

This table shows that in skilled occupations the proportion of orientals has risen and the average rate of wages has fallen during the past five years. The latter is contrary to what has occurred in other classes of plantation work, as shown in the two preceding tables. The increasing employment of orientals in skilled positions has not only lowered the average wage of all workers of this class, but also the average wage of each non-Asiatic race considered separately.

The following table shows the trend of average wages on a plantation where citizen labor is being substituted for orientals in skilled positions, as rapidly as the latter leave. This table shows a decrease in the average wage of Hawaiians and Portuguese, due to the promotion of field hands to the lower paid branches of skilled work. For identical occupations, however, this table would show the same advance in wages as is shown in the average wage of other Caucasians.

NUMBER, PER CENT, AND AVERAGE DAILY WAGE OF SKILLED HANDS ON A HAWAIIAN SUGAR PLANTATION WHERE CITIZEN LABOR IS BEING SUBSTITUTED FOR ORIENTAL IN SKILLED POSITIONS, 1908 TO 1910, BY RACE.

Race of skilled hands on a certain plantaion.	1908			1909			1910		
	Number.	Per cent.	Average daily wage.	Number.	Per cent.	Average daily wage.	Number.	Per cent.	Average daily wage.
Caucasian [1]	7	11.11	$4.75	7	10.14	$4.85	7	10.94	$5.03
Portuguese	6	9.53	1.65	8	11.60	1.58	17	26.56	1.44
Hawaiian	1	1.59	2.02	1	1.45	2.02	6	9.375	1.55
Chinese							6	9.375	1.19
Japanese	49	77.77	1.15	53	76.81	1.13	28	43.75	1.19
Total	63	100.00	1.61	69	100.00	1.57	64	100.00	1.71

[1] Except Portuguese.

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It would cost the Hawaiian plantations about $210,000 per annum, or in the neighborhood of 40 cents per ton of sugar, to replace all the orientals now employed in skilled positions with Hawaiians, Portuguese, and other Europeans, at an average wage of $1.50 per day, and such a transfer of labor would add about 1,500 males, or say 7,000 persons, to the citizen population of the plantations.

An advantage that the Hawaiian plantation worker in most capacities has over many classes of workmen in the mainland is that there is practically no unemployment. The plantation force does not change materially in numbers throughout the year, the variation between the heaviest and the dullest season averaging less than 4 per cent. Such variation as exists is not a forced one, but is due largely to the employment of school children during vacations, in addition to the regular force, to cut seed and to plant cane. These are light occupations. One manager of a comparatively small plantation said, when his place was visited, that in 1909 he had planted 230 acres with the help of school children alone.

PLANTATION STORES.

Some plantations supply free medical attendance and hospital privileges to their employees. In 1910 the plantation managers agreed to adopt the policy of selling the necessaries of life for cost at the plantation stores. About one-third of the plantations maintain such stores, though in many of these cases there are private stores competing for the laborers' patronage with those run by the plantations. Employees are usually paid by the month and in cash. The truck system does not exist—or if there are reported traces of it in the attitude of a few plantation managers toward laborers' store accounts it affects the general welfare of Hawaiian working people very slightly.

The following table shows the earnings, store accounts, and cash balances paid the Portuguese laborers upon an Oahu plantation for three months in 1910 and the average monthly earnings of each family. The single men having very low store accounts were mostly boarders living with other families, and families having store accounts nearly equal to their entire earnings in several instances took in boarders. Some families—as, for instance, No. 1—purchased most of their supplies in Honolulu, but other families for the most part traded entirely at the plantation store, as in this particular case there were no other stores in the immediate vicinity.

The table indicates that where several members of a family are working it is not difficult for the head of the family to save from his earnings. Where a man has a large family of young children not old enough for field work, his earnings are not adequate in Hawaii to rear and educate them properly and allow any margin for saving, and in some instances even the most frugal laborers probably find it

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difficult to make both ends meet. Where two adults are reported as working in one family, one is the wife, and the earnings of this member of the family are usually small and irregular. On the other hand, a few of the minors earn nearly as much as their parents.

EARNINGS AND STORE ACCOUNTS OF PORTUGUESE EMPLOYEES AT KAHUKU PLANTATION, JULY TO SEPTEMBER, 1910.

Family No.	Number of wage earners.		Three months ending Sept. 30.			Average monthly earnings of family.
	Adults.	Minors.	Earned.	Store account.	Cash paid.	
1 [1]	1	3	[2] $200.90	$1.35	$199.55	$66.97
2 [2]	1	.....	120.00	103.05	16.95	40.00
3	1	.....	69.00	10.35	58.65	23.00
4	2	.....	95.30	33.30	62.00	31.77
5	2	.....	107.45	45.35	62.10	35.82
6	1	.....	64.10	25.45	38.65	21.33
7	1	.....	68.75	32.20	36.55	22.92
8	1	1	159.20	80.00	79.20	53.07
9	1	.....	129.50	49.60	79.90	43.17
10	1	.....	120.00	20.65	99.35	40.00
11	1	.....	74.90	44.25	30.65	24.97
12	1	1	86.95	.....	86.95	28.98
13	1	3	[2] 150.40	8.90	141.50	50.13
14 [1]	1	1	[2] 77.05	.....	77.05	25.68
15	2	.....	85.10	30.85	54.25	28.37
16 [1]	1	.....	79.05	5.50	73.55	26.35
17	1	.....	88.05	.....	88.05	29.35
18	1	.....	63.05	.....	63.05	21.02
19 [3]	1	.....	66.65	54.70	11.95	22.22
20	1	.....	145.10	92.65	52.45	48.37
21	1	.....	180.00	45.95	134.05	60.00
22 [1]	1	1	79.50	68.65	10.85	26.50
23 [4]	1	1	64.90	62.80	2.10	21.63
24	1	.....	150.15	.....	150.15	50.05
25	1	.....	70.15	4.70	65.45	23.38
26	1	.....	66.60	2.95	63.65	22.20
27	1	1	[2] 298.10	148.10	150.00	99.37
28	1	2	139.65	20.75	118.90	46.55
29	1	2	[2] 229.40	60.45	168.95	76.47
30	1	.....	180.00	104.25	75.75	60.00
31	1	2	[2] 269.20	204.40	64.80	89.77
32	1	.....	108.60	58.15	50.45	36.20
33 [1]	1	3	[2] 223.50	109.80	113.70	74.50
34	1	1	81.20	54.25	26.95	27.07
35 [1]	1	2	[2] 155.45	130.30	25.15	51.82
36	1	.....	70.65	23.80	46.85	23.55
37	1	3	217.00	2.50	214.50	72.33
38	1	.....	67.50	.....	67.50	22.50
39	1	.....	61.90	1.50	60.40	20.63
40	1	.....	73.05	4.65	68.40	24.35
41	1	.....	73.10	51.25	21.85	24.37
42	1	.....	64.55	19.80	44.75	21.52
43	1	.....	88.70	60.95	27.75	29.53
44 [5]	1	.....	62.45	62.45	.....	20.82
45	1	1	[2] 148.55	12.60	135.95	49.52
46 [1]	1	2	[2] 124.85	43.95	80.90	41.62
47 [4]	2	.....	114.85	7.10	107.75	38.28
48	1	.....	277.55	47.65	229.90	92.52
49 [1]	1	1	116.20	64.20	52.00	38.73
50	1	.....	71.10	12.55	58.55	23.70
51	1	5	[2] 369.05	197.05	172.00	123.02
52	1	.....	63.75	51.60	12.15	21.25
53	1	1	[2] 112.20	68.15	44.05	37.40
54	1	.....	180.00	88.10	91.90	60.00
55 [3]	1	.....	62.20	62.20	.....	20.73
56 [1]	1	1	99.15	17.55	81.60	33.05
57	1	.....	63.25	8.00	55.25	21.08
58	1	6	141.95	125.60	16.35	47.32

[1] "Homesteader," i. e., is acquiring title to a homestead (house and acre lot), which becomes his property after three years' service without cost.

[2] Part of this amount is a bonus for regular work.

[3] This man keeps boarders, and his store account is therefore larger than it otherwise would be.

[4] "Cultivating contractor," i. e., the sum paid this man represents only an advance made him while raising a crop, and possibly his wages as day hand when not employed in his field. His earnings should include part of the profit from the crop he is raising, which will not be paid him until the crop is harvested.

[5] This man is partly a pensioner of the plantation and receives other aid from the manager than the money here stated.

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CONDITION OF PLANTATION LABOR IN HAWAII.

All laborers are free to quit their jobs and to move from plantation to plantation at any time. Laborers desiring to leave in the middle of a month can usually get their pay to date with little difficulty, and in all instances, so far as observed, without discount. Repeatedly, while the agent gathering material for this report was working over plantation books, laborers called for their pay, in order to go to other parts of the islands or to their home country. Such payments, except for the delays incident to checking up their time and referring to overseers or timekeepers for data regarding their work and overtime, if any, were never deferred. Unpaid debts of laborers, not covered by wages due them, are a frequent source of loss to plantation stores. Neither the laws of the Territory nor extra legal customs permit the coercion of laborers for debt or to enforce a labor agreement, and nothing resembling peonage exists in Hawaii. The personal liberty of the laborer is as fully guaranteed as anywhere in the United States.

The question suggests itself, why it should be necessary to raise and to dispose of so many points like these when they would not be raised in case of agricultural laborers on the mainland. In reply, many regulations and customs oppressive to labor formerly did exist in Hawaii during the days of labor contracts and now, during the period of transition to purely voluntary labor, the tradition of them still continues. Doubtless some managers and overseers would like to see the old conditions reestablished but are compelled by changing legislation and public opinion to adopt new methods although still cherishing in their hearts the spirit of the old régime. Probably also laborers were in individual instances better off under the severe discipline of the contract system than they are under their present freedom, which leaves them victims to their own shiftlessness and vices. But no unbiased observer would question that the mass of working people on Hawaii plantations are now better off than ever before. Their wages are higher, their housing better, their standard of living higher, their opportunities for advancement broader. Moreover, public opinion in the islands and the sentiment of plantation managers and overseers as a class are predominantly in favor of the changes in administering labor that have occurred, and sympathetic with the progress made by plantation workers under the new system.

Nevertheless, room still remains for improvement in plantation labor conditions—a remark that applies equally to mainland occupations. While five years have seen a betterment of plantation housing and camp sanitation, and in many places within another half decade every married couple will occupy a detached cottage and garden, yet the substitution of new residences and the introduction of improved sanitation take time, and occasion expense that in any business enterprise will be distributed over several years. It appears to be the

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rule that bad housing, poor sanitation, and overcrowding are more common in privately owned tenements outside the plantation limits than upon the plantations themselves. The rate of wages obviously does not permit plantation laborers to adopt the standard of living enjoyed by white laborers in the United States; nor can wages be raised immediately to such a rate. There are no reliable means of knowing whether, taking into account cost of living as well as actual wages, the economic condition of Hawaiian workers is improving faster or slower than the condition of workers upon the Pacific coast. But there is no immediate prospect that conditions in these two places will be equalized. The differences of industries, traditions, and race are too great.

However, a comparison of Hawaiian conditions with those of California is hardly a fair one. More properly Hawaii should be compared with other tropical and insular countries, having similar industries. Yet this comparison must be conditioned by important distinctions. Without attempting either to confirm or deny a causal relation between the two facts, there is no cane-producing country in the world, outside the American tariff area, where sugar is so highly protected as in Hawaii. There is no important sugar-cane region except Queensland and Cuba where the rate of wages is so high for common field labor as in Hawaii. The condition of labor in Hawaii is better than in Madeira and the Azores—white labor countries—for the Territory is now drawing its main supply of immigrants from those islands. Wages are higher than in Porto Rico, and the material environment of labor is better than in most parts of the West Indies.

Furthermore, the autonomy of industry, which reflects itself directly in the general welfare of workers, is probably greater in Hawaii than in any other tropical country. Hawaii is not and never has been a colony. Its industries were built up when it was a self-governing kingdom, almost entirely with its own capital, and instead of borrowing abroad Hawaii is now supplying money to develop plantations in the Philippines, Formosa, the Straits, and the West Indies, and oil fields and mines in California and other Western States, and its capitalists are heavy investors in manufacturing and business enterprises, and owners of business property all along the Pacific coast. Consequently most of the plantations are home owned. Less than 10 per cent of the sugar property in the Territory is subject in any material degree to absentee control. Men who have become rich in Hawaii sometimes later in life make their homes more or less permanently in Europe or upon the mainland; but their administration of property is conducted in a local spirit. This mere propinquity of habitation creates common interests affecting both employers and employees. To illustrate by a single instance from many, it creates

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a direct personal interest on the employer's part in preventing and combating contagious diseases to which his family may be exposed, far greater than the mere economic motive would be to keep good health among his laboring force did he reside in different country from those laborers.

Even a person cautious in generalizing, would conclude, did his actual observations cover a large field, that the condition of plantation workers in Hawaii is probably better than in any other tropical country in the world where colored races are employed; and from a purely economic standpoint better than in any other insular tropical country inhabited by white people. On the other hand, the condition of these workers will not stand comparison with that of large classes of workers in the white labor countries of the Temperate Zone.

MISCELLANEOUS RURAL INDUSTRIES.

The sugar plantations employ directly about one-third of the rural population of Hawaii. The large cattle and sheep ranches that occupy the upland districts and the smaller islands do not require many workers in proportion to their area, and employ mostly Hawaiians and Part-Hawaiians. The cultivation of pineapples has within five years assumed locally large proportions and the canneries afford seasonal employment for many women and children. Coffee planting is a long established but rather stationary industry. The rice plantations are worked by Chinese. A large number of small farmers either make a mere existence out of subsistence agriculture and derive their cash income mainly from work on the public roads and occasional employment on the plantations; or, if favorably situated, cultivate small areas of cane or pineapples and raise stock and poultry.

The wages of paid employees in these secondary agricultural industries in 1910 are shown in the following table:

NUMBER, OCCUPATION, AND NATIONALITY OR RACE OF PAID EMPLOYEES ENGAGED IN SECONDARY AGRICULTURAL INDUSTRIES IN HAWAII, AND DAILY RATES OF WAGES, 1910.

Occupation and industry.	Nationality or race.	Number.	Rates of daily wages.		
			Minimum.	Maximum.	Average.
AGRICULTURE, MISCELLANEOUS.					
Alfalfa growers	Chinese	2	$0.84	$0.84	$0.84
	Japanese	1	.84	.84	.84
Blacksmiths	do	3	1.04	1.25	1.13
	Russian	1	1.00	1.00	1.00
	Scotch	1	4.00	4.00	4.00
Blacksmiths' helpers	German	1	2.50	2.50	2.50
	Hawaiian	2	1.25	1.50	1.38
Bookkeepers	Chinese	2	1.13	1.19	1.16
Butchers	Hawaiian	1	2.11	2.11	2.11
	Part-Hawaiian	1	1.53	1.53	1.53
Carpenters	Chinese	2	1.50	1.50	1.50
	Japanese	7	.90	1.50	1.31
	Portuguese	1	2.11	2.11	2.11

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NUMBER, OCCUPATION, AND NATIONALITY OR RACE OF PAID EMPLOYEES ENGAGED IN SECONDARY AGRICULTURAL INDUSTRIES IN HAWAII, AND DAILY RATES OF WAGES, 1910—Continued.

Occupation and industry.	Nationality or race.	Number.	Rates of daily wages.		
			Minimum.	Maximum.	Average.
AGRICULTURE, MISCELLANEOUS—concluded.					
Cooks	Chinese	8	$0.82	$1.19	$1.08
Cooks and yardmen	Japanese	3	.82	.82	.82
Cowboys	Hawaiian	8	.96	2.00	1.66
	Part-Hawaiian	1	1.53	1.53	1.53
Cultivators	Chinese	3	.77	.77	.77
	Hawaiian	1	1.04	1.04	1.04
Cultivators, taro	Korean	2	.84	.84	.84
Cultivators and harvesters	Japanese	2	.84	.84	.84
Cultivators and ranchmen	English	2	.77	.77	.77
	Hawaiian	7	.77	.77	.77
	Japanese	2	.67	.69	.68
	Korean	6	.77	.77	.77
Cutters, grass	Chinese	5	1.09	1.11	1.11
Engineer, assistant	Japanese	1	1.25	1.25	1.25
Engineers, mill and plow	do	2	1.50	1.50	1.50
Engineer, assistant, mill and flour	do	1	1.00	1.00	1.00
Farm hands	Chinese	92	1.09	1.19	1.14
Field hands	do	28	.75	1.11	.94
	Japanese	204	.70	.95	.77
	do	[1] 6	.54	.55	.55
	Korean	24	.75	.75	.75
	Porto Rican	6	.84	.84	.84
Feeding leaves	Japanese	2	.90	.90	.90
Feeding leaves, roller	do	2	.80	.80	.80
Foremen	Chinese	4	1.18	1.89	1.38
	German	1	2.96	2.96	2.96
Foreman, cowboys	Hawaiian	1	1.73	1.73	1.73
Foreman, dairy	Japanese	1	1.32	1.32	1.32
Foremen, dairy, assistant	do	3	.82	1.15	.99
Foreman-manager	Chinese	1	1.18	1.18	1.18
Foremen, teamsters and cultivators	Hawaiian	11	1.00	1.00	1.00
Gardeners	Chinese	2	1.11	1.13	1.12
Harness maker	Hawaiian	1	2.68	2.68	2.68
Harvesters and planters	Chinese	25	1.09	1.09	1.09
Helpers, ranch	Japanese	2	.96	.96	.96
Honey and bee men	do	2	.92	1.04	.98
House and field hand	do	[1] 1	.39	.39	.39
Managers	American	3	1.32	1.32	[2] 1.32
	German	1	5.75	5.75	5.75
Manager, assistant	do	1	3.83	3.83	3.83
Mason	Japanese	1	1.50	1.50	1.50
Masons' helpers	do	2	.85	.85	.85
Millmen	Chinese	11	.84	1.19	1.12
	Japanese	6	.50	.84	.71
	do	[1] 5	.54	.54	.54
Overseers	American	1	1.15	1.15	1.15
	Australian	1	1.97	1.97	1.97
	German	1	2.68	2.68	2.68
	Hawaiian	3	1.53	2.88	1.98
	Japanese	4	1.34	1.50	1.42
Baler and presser	do	1	.80	.80	.80
Balers' helpers and pressers	do	2	.70	.70	.70
Plowmen	Chinese	25	1.09	1.19	1.12
Plowmen and planters	Japanese	2	.84	.84	.84
Ranchmen	American (colored)	1	.96	.96	.96
	Chinese	1	.96	.96	.96
	English	1	.96	.96	.96
	Hawaiian	4	.96	1.15	1.06
	Japanese	2	.96	.96	.96
Secretary and treasurer	(3)	1	2.88	2.88	2.88
Superintendent	Part-Hawaiian	1	4.93	4.93	4.93
Stableman	Chinese	1	1.09	1.09	1.09
Stockmen	do	3	.33	.72	.59
	Hawaiian	20	.49	1.15	.82
	Japanese	4	.72	.92	.87
	Portuguese	4	.77	1.04	.84
Teamsters	Chinese	12	.66	1.19	1.06
	Japanese	17	.84	1.00	.86
Teamsters and cultivators	Hawaiian	17	1.00	1.00	1.00
Teamster's helper	Japanese	1	.70	.70	.70
Woodchoppers	Hawaiian	2	.96	1.15	1.06

[1] Female. [2] Part of time only. [3] Not reported.

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NUMBER, OCCUPATION, AND NATIONALITY OR RACE OF PAID EMPLOYEES ENGAGED IN SECONDARY AGRICULTURAL INDUSTRIES IN HAWAII, AND DAILY RATES OF WAGES, 1910—Continued.

Occupation and industry.	Nationality or race.	Number.	Rates of daily wages.		
			Minimum.	Maximum.	Average.
COFFEE PLANTATION.					
Handpickers	Hawaiian	[1] 52	$0.90	$0.90	$0.90
Laborers, general	do	3	1.50	1.50	1.50
	Japanese	1	1.50	1.50	1.50
Packers	Hawaiian	[1] 4	.50	.50	.50
Superintendent	do	1	2.50	2.50	2.50
FRUIT RAISING.					
Blacksmiths	Japanese	2	1.25	1.50	1.38
Clerk	English	1	3.83	3.83	3.83
Carpenter	Japanese	1	1.50	1.50	1.50
Engineers	do	1	1.50	1.50	1.50
	Portuguese	1	3.00	3.00	3.00
Factory hands	Chinese	10	1.00	1.00	1.00
	Japanese	41	.80	1.00	.82
	do	[1] 15	.50	.50	.50
Field hands	do	4	.80	.80	.80
	do	[1] 6	.50	.50	.50
Laborers	do	70	.90	1.25	.94
	do	[2] 1	.75	.75	.75
	do	[1] 39	.50	.50	.50
Manager	English	1	3.26	3.26	3.26
Overseer	Part-Hawaiian	1	2.00	2.00	2.00
Overseer, field	Japanese	.....	1.50	1.50	1.50
Plowing	do	1	1.00	1.00	1.00
Teamster	do	1	.90	.90	.90
PINEAPPLE.					
Blacksmith	do	1	1.92	1.92	1.92
Blacksmith's helper	do	1	.90	.90	.90
Boiler tender	do	1	1.90	1.90	1.90
Bookkeeper	American	1	5.75	5.75	5.75
Bookkeeper, assistant	do	1	2.68	2.68	2.68
Box makers	Chinese	9	.86	1.43	1.15
Carpenters	Japanese	3	1.00	1.43	1.23
Capper	Portuguese-Hawaiian	1	.75	.75	.75
Chief cooker	Hawaiian	1	1.66	1.66	1.66
Cleaner	do	1	.71	.71	.71
Clerks, store	Japanese	2	.96	1.34	1.15
Clerk, warehouse	Chinese	1	1.62	1.62	1.62
Cook	do	1	1.15	1.15	1.15
Cultivators	Japanese	7	.80	.80	.80
Engineer	do	1	1.25	1.25	1.25
Factory hands	do	[1] 90	.55	.55	.55
	do	3.43	.85	.85	.85
	Korean	[1] 10	.55	.55	.55
	Portuguese	5	.85	.85	.85
Field foreman	Chinese	1	1.64	1.64	1.64
	Japanese	2	1.00	1.25	1.13
Field hands	Korean	6	.80	.80	.80
	Japanese	100	.80	.80	.80
Foreman	Hawaiian	1	2.38	2.38	2.38
	do	[1] 1	.90	.90	.90
	Portuguese	1	2.61	2.61	2.61
General factory workers	Hawaiian	11	.60	.90	.71
	Japanese	17	.90	.90	.90
Graders	Hawaiian	[1] 2	.68	.68	.68
	Japanese	[1] 8	.54	.72	.63
Labeler	American	1	1.00	1.00	1.00
Laborers	Hawaiian	1	1.19	1.19	1.19
	Japanese	3	.86	.86	.86
Laborers, field	Chinese	5	.95	.95	.95
	Japanese	84	.95	1.11	1.03
	do	[1] 16	.59	.59	.59
Machinists	do	5	1.25	1.66	1.46
Manager	American	1	3.83	3.83	3.83
Oiler	Japanese	1	1.25	1.25	1.25
Overseers	Chinese	1	1.30	1.30	1.30
	Japanese	7	1.30	1.30	1.30
Overseer, field	English	1	3.83	3.83	3.83
Overseer, teamsters	Hawaiian	1	1.00	1.00	1.00
Packer	Chinese	1	1.66	1.66	1.66
	Hawaiian	[1] 19	.50	.70	.54
	Portuguese	[1] 2	.50	.50	.50
	Japanese	27	.95	1.33	1.05

[1] Female. [2] Boy.

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NUMBER, OCCUPATION, AND NATIONALITY OR RACE OF PAID EMPLOYEES ENGAGED IN SECONDARY AGRICULTURAL INDUSTRIES IN HAWAII, AND DAILY RATES OF WAGES, 1910—Concluded.

Occupation and industry.	Nationality or race.	Number.	Rates of daily wages.		
			Minimum.	Maximum.	Average.
PINEAPPLE—concluded.					
Peelers	Japanese	14	$1.00	$1.00	$1.00
Pickers and harvesters	Chinese	10	.90	.90	.90
	Japanese	25	.90	.90	.90
Receiver	Portuguese	1	2.38	2.38	2.38
Seamers	Japanese	6	1.25	1.25	1.25
Selecters	do	[1] 9	.50	.50	.50
Shippers	Portuguese	2	1.50	1.50	1.50
Stablemen	Hawaiian	1	.96	.96	.96
	Japanese	5	.76	.96	.80
Storekeeper	German	1	2.68	2.68	2.68
Superintendent, cannery	American	1	8.63	8.63	8.63
Sirup maker	Portuguese	1	1.43	1.43	1.43
Team boss	Chinese	1	.99	.99	.99
Teamsters	do	3	1.16	1.16	1.16
	Hawaiian	3	1.10	1.25	1.15
	Japanese	31	1.00	1.25	1.11
Teamsters and cultivators	Chinese	5	1.00	1.00	1.00
	Japanese	10	1.00	1.00	1.00
Warehousemen	Chinese	15	.90	.90	.90
Watchman	Japanese	1	1.00	1.00	1.00
Yardman	do	1	.96	.96	.96
RICE CLEANING.					
Bagger and shipper	Portuguese	1	1.50	1.50	1.50
Bookkeper and clerk	Chinese	1	1.28	1.28	[2] 1.28
Cooks	do	4	.73	.88	.80
Cultivators and planters	do	12	.77	.77	[3] .77
Driver	do	1	.81	.81	.81
Engineer	Portuguese	1	2.50	2.50	2.50
Engineer, assistant	do	1	1.75	1.75	1.75
Engineer, mill	Chinese	1	1.15	1.15	1.15
Engineer, rice mill	Japanese	1	2.88	2.88	2.88
Factory assistant	do	3	.66	.83	[3] .92
Foreman	Chinese	1	1.34	1.34	1.34
Machine hand	do	1	1.25	1.25	1.25
Manager	do	1	3.19	3.19	[2] 3.19
Mill hands	do	33	.77	1.53	[4] 1.05
	Japanese	15	1.00	1.63	1.21
	Portuguese	2	1.75	1.75	1.75
Sifters	Chinese	2	.96	1.25	1.11
Sifters' helper	do	1	.84	.84	1.25
Packers	Japanese	3	.84	.84	.84
Plowmen	Chinese	12	.77	.77	[3] .77
Schooner captain	Hawaiian	1	1.34	1.34	[2] 1.34
Schooner men	Chinese	2	.96	.96	[3] .96
Teamsters	do	7	.77	.84	[3] .78

[1] Female.
[2] Also house rent and board.
[3] And board.
[4] Including 4 who receive also house rent and board.

On rice plantations the employers are usually Chinese, and employees are boarded. The custom of sharing the profits of the farm among the employees is nearly universal, and the rate of wages—or, more properly, the compensation—is determined by the amount of the crop and the price of rice when it is marketed.

MECHANICAL AND URBAN OCCUPATIONS.

In the present report three sources of statistical information have been resorted to regarding employees of this class, the census figures of occupations and of total wages paid in manufacturing establishments—the latter of doubtful value in an intensive study of wage

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conditions; a considerable body of wage statistics taken from the pay rolls of industrial and commercial employers and contractors for this report, and the statistics of family incomes and cost of living, gathered in connection with this report by agents employed by the Associated Charities and Palama Settlement, in Honolulu, who worked under the direction and in association with the agent having the census of Hawaii and the collection of statistics for the present report in charge.

Taking all data obtained as to wages, both on the special wage schedules of the Bureau of Labor and the schedules of the social survey of Honolulu, including plantation mechanics and employees in miscellaneous industrial establishments, the following comparisons of rates of pay per day by races and selected occupations are shown:

NUMBER OF EMPLOYEES IN MISCELLANEOUS INDUSTRIAL ESTABLISHMENTS WITH THEIR RATES OF DAILY WAGES, BY RACES AND SELECTED OCCUPATIONS, 1910.

Occupation and race.	Number of employees.	Rates of daily wages.		
		Maximum.	Minimum.	Average.
Bakers:				
Caucasian[1]	5	$3.00	$2.50	$2.73
Chinese	66	2.96	.49	.93
Hawaiian, etc.				
Japanese	4	1.25	1.25	1.25
Portuguese	6	1.48	.99	1.20
All other				
Blacksmiths:				
Caucasian[1]	42	7.00	1.73	3.94
Chinese	5	3.33	.77	1.73
Hawaiian, etc.	12	4.25	1.15	2.92
Japanese	34	3.25	1.00	1.46
Portuguese	12	4.75	1.53	3.26
All other				
Bottlers:				
Caucasian[1]	4	1.00	1.00	1.00
Chinese	8	1.50	1.00	1.02
Hawaiian, etc.	9	2.00	.50	1.27
Japanese	21	1.73	.69	1.15
Portuguese	10	1.25	.50	.88
All other				
Bricklayers:				
Caucasian[1]	1	6.00	6.00	6.00
Chinese				
Hawaiian, etc.	1	6.00	6.00	6.00
Japanese	5	2.68	.77	1.34
Portuguese	1	6.00	6.00	6.00
All other				
Butchers:				
Caucasian[1]	1	3.26	3.26	3.26
Chinese	4	1.56	1.04	1.47
Hawaiian, etc.	9	2.50	1.00	1.93
Japanese				
Portuguese	1	1.92	1.92	1.92
All other				
Carpenters:				
Caucasian[1]	55	7.50	1.50	4.00
Chinese	70	2.00	.61	1.52
Hawaiian, etc.	43	4.75	1.00	2.62
Japanese	229	3.00	.77	1.34
Portuguese	62	5.65	.62	2.62
All other	2	2.11	.92	1.56
Drivers, city:				
Caucasian[1]	12	3.26	1.00	2.39
Chinese	19	1.67	1.07	1.20
Hawaiian, etc.	144	2.50	.83	1.44
Japanese	73	1.92	.81	1.12
Portuguese	25	2.68	1.00	1.64
All other	1	2.68	2.68	2.68
Drivers, farm:				
Caucasian[1]				
Chinese	1	$0.81	$0.81	$0.81
Hawaiian, etc.	8	1.00	1.00	1.00
Japanese	21	1.54	.77	.98
Portuguese	9	1.54	1.00	1.17
All other				
Engineers, locomotive:				
Caucasian[1]	30	4.60	1.15	2.92
Chinese	2	1.15	1.15	1.15
Hawaiian, etc.	21	4.85	.84	2.06
Japanese	99	1.53	.99	1.42
Portuguese	47	4.60	1.00	1.97
All other	2	1.73	1.35	1.54
Engineers, stationary:				
Caucasian[1]	94	6.52	1.53	3.70
Chinese	4	2.80	1.15	2.21
Hawaiian, etc.	15	2.25	1.00	1.65
Japanese	34	1.67	1.16	1.41
Portuguese	22	3.00	1.41	2.04
All other	4	3.45	1.07	2.35
Firemen, locomotive:				
Caucasian[1]	5	2.50	.84	1.03
Chinese	1	.84	.84	.84
Hawaiian, etc.	15	2.50	.46	1.02
Japanese	13	1.08	.77	.97
Portuguese	45	2.50	.84	.97
All other	5	.92	.92	.92
Firemen, stationary:				
Caucasian[1]	5	2.25	1.00	1.85
Chinese	19	.85	.77	.83
Hawaiian, etc.	15	2.00	1.00	1.61
Japanese	241	1.50	.71	.87
Portuguese	14	2.50	.85	1.67
All other	2	.90	.77	.84
Harness makers:				
Caucasian[1]	8	3.00	.71	1.75
Chinese				
Hawaiian, etc.	4	2.17	.84	1.67
Japanese	8	2.00	.80	1.08
Portuguese	10	1.73	.84	1.18
All other				
Laborers, industrial establishments:				
Caucasian[1]	7	2.00	1.25	1.46
Chinese	14	1.83	1.00	1.42
Hawaiian, etc.	116	2.50	1.00	1.42
Japanese	310	2.25	[2].67	1.35
Portuguese	69	2.50	1.00	1.52
All other	3	2.00	1.25	1.92

[1] Except Portuguese.

[2] Females, $0.40.

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NUMBER OF EMPLOYEES IN MISCELLANEOUS INDUSTRIAL ESTABLISHMENTS WITH THEIR RATES OF DAILY WAGES, BY RACES AND SELECTED OCCUPATIONS, 1910—Concluded.

Occupation and race.	Number of employees.	Rates of daily wages.		
		Maximum.	Minimum.	Average.
Laborers, other farm:				
Caucasian [1]				
Chinese	33	$1.00	$0.90	$0.94
Hawaiian, etc	4	1.50	1.19	1.42
Japanese	466	1.11	[2] .86	.85
Portuguese				
All other	36	.84	.74	.76
Laborers, sugar plantation:				
Caucasian [1]	406	1.35	.38	.84
Chinese	962	1.34	.69	.74
Hawaiian, etc	367	1.25	.46	.85
Japanese	11,374	1.45	.40	.76
Portuguese	1,599	1.34	.25	.82
All other	3,381	.92	.23	.74
Linotype operators:				
Caucasian [1]	5	6.67	5.77	5.50
Chinese				
Hawaiian, etc	7	5.00	2.25	3.54
Japanese				
Portuguese	3	5.00	3.83	4.61
All other				
Machinists and boiler makers:				
Caucasian [1]	53	7.50	2.00	4.78
Chinese	2	2.88	1.73	2.31
Hawaiian, etc	9	5.75	2.00	4.13
Japanese	16	3.07	1.00	1.79
Portuguese	12	3.83	1.25	3.19
All other				
Molders:				
Caucasian [1]	13	5.00	3.25	4.38
Chinese				
Hawaiian, etc	19	4.50	2.00	2.41
Japanese				
Portuguese	39	4.00	1.67	1.92
All other				
Painters:				
Caucasian [1]	7	5.00	2.50	3.19
Chinese	21	3.50	.77	1.99
Hawaiian, etc	19	3.75	.84	2.60
Japanese	13	2.68	.85	1.03
Portuguese	3	2.00	1.00	1.33
All other	2	1.07	.85	.96
Pattern makers:				
Caucasian [1]	2	$5.50	$3.00	$4.25
Chinese				
Hawaiian, etc	2	4.50	2.42	3.46
Japanese				
Portuguese	11	6.50	.75	2.66
All other				
Plumbers and pipe fitters:				
Caucasian [1]	6	3.50	1.50	3.24
Chinese	8	1.50	.77	1.06
Hawaiian, etc				
Japanese	8	2.10	1.00	1.32
Portuguese	11	3.50	1.00	1.62
All other				
Plasterers:				
Caucasian [1]	1	6.00	6.00	6.00
Chinese				
Hawaiian, etc				
Japanese				
Portuguese	3	6.00	3.00	4.67
All other				
Pressmen:				
Caucasian [1]	2	4.08	2.50	3.29
Chinese				
Hawaiian, etc	6	2.67	.33	2.30
Japanese	1	1.00	1.00	1.00
Portuguese	8	4.00	1.67	2.60
All other	1	3.00	3.00	3.00
Sailors:				
Caucasian [1]	3	1.50	1.50	1.50
Chinese				
Hawaiian, etc	233	1.50	1.50	1.50
Japanese	175	1.50	1.50	1.50
Portuguese				
All other	1	1.50	1.50	1.50
Section hands:				
Caucasian [1]				
Chinese	2	1.00	1.00	1.00
Hawaiian, etc	1	1.00	1.00	1.00
Japanese	255	1.15	.77	1.00
Portuguese	2	.84	.77	.81
All other	1	1.00	1.00	1.00

[1] Except Portuguese.

[2] Females, $0.50.

The following table confirms in a supplementary way what was said on page 691 preceding, as to the effect on wages of the competition of orientals in the skilled employments. Average daily wages are shown for sugar plantation employees, unskilled and skilled, and also for urban employees, unskilled and skilled. It is seen that for the skilled workers, both on plantations and in city employments, wages have decreased; while in the unskilled employments, on plantation and in city alike, wages have increased. No combination in aggregate of the figures for the four classes is made because of the preponderating numbers of sugar plantation employees as compared with urban employees. The relative wages are percentages, using the average actual daily wages for 1902 as a base. A comparison of these relatives with relative prices of food for the corresponding years may well be made. The relative prices of food for the years 1902, 1905, and 1910

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are, respectively, 108.7, 107.2, and 121. These relatives are, however, based on an average of yearly prices for the 10-year period 1890–1899. Assuming the relative for 1902 (108.7) to be 100, the relative prices of food for 1905 and 1910 become, respectively, 98.6 and 111.3. Limiting the comparison to the last five years it is found that the wages of sugar plantation field hands has increased 11.1 per cent and food prices 12.9 per cent.

AVERAGE DAILY WAGES OF SUGAR PLANTATION SKILLED AND UNSKILLED HANDS AND OF CITY SKILLED AND UNSKILLED HANDS COMPARED, 1902, 1905, AND 1910.

	1902			1905			1910		
	Number of employees.	Average actual daily wages.	Relative wages.	Number of employees.	Average actual daily wages.	Relative wages.	Number of employees.	Average actual daily wages.	Relative wages.
Sugar, field hands	18,536	$0.64	100.0	20,925	$0.63	98.4	14,645	$0.70	109.4
Sugar, skilled hands	1,928	1.78	100.0	2,198	1.61	90.4	2,524	1.53	85.9
City, unskilled hands[1]	67	1.31	100.0	122	1.41	107.6	613	1.38	105.3
City, skilled hands[2]	97	3.56	100.0	202	2.95	82.9	173	2.43	68.3

[1] Including only "laborers" in building trades, fertilizer factories, and industrial establishments.
[2] Including only bricklayers, carpenters, painters, plasterers, and plumbers in building trades.

INCOME AND COST OF LIVING OF WORK PEOPLE IN HONOLULU.

The following study is based upon schedules containing data as to income and expenditures obtained from 363 families of wage earners in Honolulu, distributed as to race as follows: Caucasion, 14 families; Chinese, 42 families; Hawaiian, 150 families; Japanese, 30 families; Portuguese, 127 families.

The investigation was suggested and made possible by the efforts of Mr. J. A. Rath, superintendent of Palama Settlement, in Honolulu, who secured an appropriation from the Associated Charities in that city sufficient to pay a corps of field agents and who cooperated in the preparation of the schedules and the supervision of the agents. The agents employed included 2 Japanese, 1 Chinese, 1 Portuguese, 1 Hawaiian, and 1 American; and, in addition, a few schedules were taken by other persons. All the agents worked under the supervision of the chief special agent in charge of the census of the Territory, and most of them had experience as census enumerators. Agents received detailed instructions for securing replies to each question; and being for the most part men of families, belonging to the race and nationality for which they were obtaining information, their work was checked by personal knowledge of the conditions they were reporting. In addition, price lists of commodities and information as to the method and amount of family purchases were obtained from retail storekeepers in different neighborhoods. Nearly all the schedules were reviewed as soon as submitted at the Honolulu census office,

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and visits to families were repeated where information was apparently incorrect or insufficiently substantiated. The original filling of the schedule usually required more than one visit, and replies to such questions, as the weekly cost of food, were often based upon observations covering several days or weeks. The schedules were later carefully reviewed in the Bureau of Labor and the whole of the tabulation was prepared in the Bureau.

The value of the resulting data varies somewhat with the different questions. Information as to wages and family income is very nearly exact. The same is true of rents and housing conditions. The amount spent for light and fuel is truly reported within a very small margin, and these items are relatively of minor importance in a tropical country, especially in one where cooked food is so largely purchased. The annual expenditure for furniture and utensils is little more than an estimate. Most of the nationalities studied—though not perhaps a majority of the families reported—live more simply than do families of American and European workmen, and during a typical year spend much less for household articles. Food expenditures and the distribution and relative weight of different items of this expenditure are approximately true averages. In reckoning the total dietary of Portuguese, and perhaps of Chinese and Hawaiians, not enough importance has been given, perhaps, to milk, eggs, and garden produce raised at home; but where omissions of this sort occur, they are probably compensated by the tendency to report purchases in round sums above rather than below the true consumption. Figures as to clothing are little more than a guess. For families not keeping regular accounts, where clothing is simpler than in the United States and more largely made in the family, where purchases amounting to 5 and 10 cents recur many times in store account, and where, among the poorer people, garments in turn serve several children of different ages, items become so confused that the agent is obliged to fall back upon an estimate based on consumption—upon how long things last or how frequently they are replaced—and then arbitrarily to place a value upon each article. But the totals thus obtained—checked as they sometimes were by actual figures from family expense books—are near enough the truth to be useful, especially in averages; and, as showing comparative expenditure by races and nationalities, they have very real value; because the estimates for each race and nationality were made by persons having practical personal knowledge of the facts to be reported. The items of miscellaneous expenditure are not equally reliable, though the total of this group, without regard to the distribution of items inside the group, is within a working margin of accuracy. The item most understated is the expense for liquors drunk away from home, especially as reported by Caucasians and

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Hawaiians. Agents in many cases found it impossible to get even a plausible estimate of this expenditure. Local conditions, including the imminence of a plebiscite on prohibition, had something to do with the reluctance of working people to give this information. Japanese, Chinese, and especially Portuguese, do not generally patronize public drinking places, but instead purchase light liquors for home use. Among them this item was usually reported and, as may be said from direct knowledge, correctly.

It was also found difficult to get people to report their savings, and doubtless these are as much understated as are the expenditures for intoxicants in the instances just mentioned.

The series of summary tables which follows presents the general results of this investigation.

COMPOSITION OF 363 FAMILIES IN HONOLULU, BY RACE, 1910.

Race.	Number of families reporting.	Average number in family, excluding lodgers.	Average number of children in families having children.	Per cent of families having—				
				No children.	1 or 2 children.	3 to 5 children.	Over 5 children.	Lodgers not relatives.
Caucasian	[1] 14	4.8	3.8	28.6	14.3	42.9	14.3	7.1
Chinese	42	5.8	4.5	16.7	19.0	42.9	21.4	2.4
Hawaiian	[2] 150	4.3	2.5	13.3	48.7	34.0	3.3	.7
Japanese	30	3.7	1.8	6.7	73.3	20.0	.....	.....
Portuguese	[3] 127	5.5	4.1	15.7	23.6	41.7	18.9	.8
Total	363	4.8	3.3	14.6	37.2	36.9	11.0	1.1

[1] Including 1 Mexican and 1 Filipino. [2] Including Part-Hawaiian. [3] Including 1 Spanish.

In size of families the Chinese rank first, Portuguese second, and the Caucasians, other than Portuguese, third. The average size of the Caucasian family was exactly the average size of the families of all races. It should be noted that the Caucasian families exceed the Hawaiian, and that the Japanese families average the smallest of the five race groups. The small size of the Japanese families was not due to a lower birth rate, but to the fact that these families are, for the most part, recently married couples. Ten years will quite change the relative statistics of the races in this respect. The proportion of childless families among the Japanese is smaller than in any other nationality. The remaining data of this table affords no basis for race comparisons.

The next table shows the classified income per family and per capita, and the number of families of each race. Of 14 Caucasian families, except Portuguese, the maximum number had an income between $750 and $1,000. Of 127 Portuguese families, the maximum number had an income between $500 and $750. Of the 150 Hawaiian families, the maximum number had incomes within the same range as the Caucasians, other than Portuguese, or between $750 and $1,000.

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Coming to the orientals, all the Japanese families had an income under $750, and the maximum number less than $500. Of the 42 Chinese families, the maximum number had an annual income of less than $500, though in two instances the annual receipts of the family exceeded $1,000. In the matter of income the Caucasians, other than Portuguese, and the Hawaiians were nearly on a par.

FAMILIES HAVING EACH CLASSIFIED INCOME AND NUMBER OF PERSONS IN THE FAMILIES (EXCLUDING LODGERS) HAVING EACH CLASSIFIED PER CAPITA INCOME, BY RACE, 1910.

Race.	Number of families.	Number of families with income					Total number of persons in families, excluding lodgers.	Number of persons, excluding lodgers, with per capita income of—				
		Under $500.	$500 and under $750.	$750 and under $1,000.	$1,000 and under $1,500.	$1,500 and over.		Under $100.	$100 and under $200.	$200 and under $300.	$300 and under $400.	$400 and over.
Caucasian	[1] 14	.....	1	6	5	2	67	9	21	20	11	6
Chinese	42	17	14	9	2	.....	242	150	65	21	4	2
Hawaiian	[2] 150	9	45	46	40	10	643	22	297	225	83	16
Japanese	30	24	6	.....	.....	.....	110	41	66	2	1	.....
Portuguese	[3] 127	21	48	31	23	4	693	166	408	85	29	5
Total	363	71	114	92	70	16	1,755	388	857	353	128	29

[1] Including 1 Mexican and 1 Filipino. [2] Including Part-Hawaiian. [3] Including 1 Spanish.

The average family income from different sources, and the ratio of income from each source to total income are shown in the following table. It is to be noted that the per cent of the total family income contributed by children is highest in the case of the Portuguese, where it is more than double that of other Caucasians, and more than 4 per cent above that of all the races. In Japanese families the children contribute least to the total earnings, but this is due almost entirely to the fact that the Japanese children are very young, on account of the recent immigration of women of this race to Hawaii.

AVERAGE ANNUAL AMOUNT AND PER CENT FROM DIFFERENT SOURCES OF FAMILY INCOMES, BY RACE, 1910.

Source of income.	Caucasian.[1]		Chinese.		Hawaiian.[2]		Japanese.		Portuguese.[3]		All races.	
	Average annual income.	Per cent of family income.	Average annual income.	Per cent of family income.	Average annual income.	Per cent of family income.	Average annual income.	Per cent of family income.	Average annual income.	Per cent of family income.	Average annual income.	Per cent of family income.
Earnings of father	$983.82	92.07	$484.22	79.72	$775.08	83.54	$341.02	80.23	$536.62	67.62	$630.18	78.03
Earnings of mother	.....	.....	6.07	1.00	3.75	.40	47.70	11.22	17.24	2.17	12.22	1.51
Earnings of children	64.29	6.02	44.31	7.29	94.57	10.19	20.37	4.79	126.62	15.96	92.67	11.47
Gratuities	.....	.....	41.14	6.77	.....	.....	.....	.....	.....	.....	4.76	.59
Pensions and benefits	.....	.....	.....	.....	.....	.....	.....	.....	27.15	3.42	9.50	1.18
House rents	.....	.....	2.57	.42	1.47	.16	3.20	.75	35.48	4.47	13.58	1.68
Lodgers and boarders	20.43	1.91	6.05	1.00	14.32	1.54	.....	.....	46.85	5.90	23.80	2.95
Garden, fowls, etc	.....	.....	7.17	1.18	.68	.07	3.17	.75	2.94	.37	2.40	.30
Other sources	.....	.....	15.88	2.61	37.87	4.08	9.60	2.26	.63	.08	18.50	2.29
Total	1,068.54	100.00	607.41	100.00	927.74	100.00	425.06	100.00	793.53	100.00	807.61	100.00

[1] Including 1 Mexican and 1 Filipino family. [3] Including 1 Spanish family.
[2] Including Part-Hawaiian.

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A larger percentage of Hawaiian children contribute to the family support than of Chinese or Caucasians, other than Portuguese, and the figures are probably in this respect representative. The Chinese are probably the most solicitous for the education of their children of any people in Hawaii.

The income from gratuities is confined to Chinese families because the people of this race occupy positions as stewards and waiters. Pensions and benefits represent over 3 per cent of the average income of the Portuguese families because the people of this nationality contribute to three large benefit societies. The Portuguese also receive the most income from house rents and from lodgers and boarders, while the Chinese receive the most from the sale of vegetables and fowls.

The average income of Caucasians, other than Portuguese, is more than one-eighth larger than the average income of all races, and is approached only by the income of Hawaiians. The Portuguese, Chinese, and Japanese follow in the order named. The average earnings of the father in each race group follow the same order as the total family income.

The average income for all the 363 families was $807.61, which is probably much higher than the average income of an equal number of families of equally diverse race groups in any other part of the world. Even the average Japanese income of $425.06 per annum is probably larger than the average income of white workers of a similar class in many of the States of the Union.

The next table shows the average, the minimum, and the maximum income per family of different races. The largest income was reported by an Hawaiian family, the second largest by a Portuguese family, and the third largest by a Caucasian other than Portuguese. On the other hand, the smallest income is reported by a Chinese family. The per capita earnings were largest in the Caucasian families other than Portuguese and the smallest in the Chinese families. The proportion of families showing a deficit was the largest in case of the Japanese. The most probable reason for the large percentage of Japanese families having deficits is that the heads of a number of these families are plantation laborers just establishing themselves in some trade or profession at Honolulu.

AVERAGE, MINIMUM, AND MAXIMUM INCOME PER FAMILY AND PER CAPITA, AND AVERAGE SURPLUS AND DEFICIT PER FAMILY, BY RACE, 1910.

Race.	Number of families.	Income of family.			Number of persons excluding lodgers.	Income per capita, excluding lodgers.			Families showing surplus.		Families showing deficit.	
		Average.	Minimum.	Maximum.		Average.	Minimum.	Maximum.	Number	Average amt.	Number	Average amt.
Caucasian....	[1] 14	$1,068.54	$600.08	$1,960.00	67	$223.28	$86.67	$815.00	11	$203.01	3	$6.22
Chinese.....	42	607.41	260.00	1,258.00	242	105.42	37.18	450.00	38	49.13	4	55.24
Hawaiian....	[2] 150	927.74	282.00	2,704.00	643	216.42	72.57	901.33	140	179.79	10	57.25
Japanese.....	30	425.06	280.80	679.00	110	115.92	66.67	360.00	23	60.27	7	39.42
Portuguese...	[3] 127	793.53	324.00	2,587.00	693	145.42	61.00	572.00	110	90.07	17	16.18
Total...	363	807.61	260.00	2,704.00	1,755	167.04	37.18	901.33	322	125.98	41	33.25

[1] Including 1 Mexican and 1 Filipino. [2] Including Part-Hawaiian. [3] Including 1 Spanish.

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The following table shows the distribution of expenditure by races. The Caucasians other than Portuguese spent a larger proportion of their income for rent and for furniture than any other race group, and as the average income of the families of this group was the largest the absolute amount spent for these items very much exceeded that of any other race. The Chinese led in a percentage of annual income devoted to miscellaneous purposes; the Hawaiians led the other races decidedly in an expenditure for clothing. The Japanese, having the smallest average income per family, naturally spent the largest proportion of this income for food. The percentage in this case is to be explained, however, not alone by the fact that the total family income was smaller than in the case of other race groups, but also by the fact that the number of children per family was smaller. For clothing the Japanese spent less than the people of any other race; they spent a larger proportion of their income for medical expenses, and absolutely spent for this purpose nearly as much as the Portuguese and more than either the Hawaiians or the Chinese. In percentages the distribution of Portuguese expenditures falls within the extremes of expenditures by the other races. The absolute amount spent for light and fuel is greater than in case of any other race but the Caucasians other than Portuguese. This is due partly to the large amount of bread baked and consumed by families of this nationality. The small fuel expenditure of the Hawaiians is due to their large consumption of poi and raw fish, neither of which involve household cooking. The per capita expenditure for food appears to be less among the Chinese than among the people of other races.

AVERAGE ANNUAL EXPENDITURE PER FAMILY FOR SPECIFIED PURPOSES AND PER CENT OF TOTAL EXPENDITURES, BY RACE, 1910.

Class of expenditures.	Caucasian.[1]		Chinese.		Hawaiian.[2]		Japanese.		Portuguese.[3]		All races.	
	Average expenditure.	Per cent.	Average expenditure.	Per cent.	Average expenditure.	Per cent.	Average expenditure.	Per cent.	Average expenditure.	Per cent.	Average expenditure.	Per cent.
Rent	$119.65	13.14	$59.29	10.43	$81.58	10.70	$38.97	10.04	$66.66	9.29	$71.93	10.27
Light and fuel	56.75	6.23	22.53	3.97	23.83	3.12	25.19	6.49	45.37	6.32	32.74	4.67
Furniture	34.75	3.82	17.04	3.00	25.91	3.40	11.63	3.00	20.27	2.82	22.11	3.16
Food	458.80	50.40	246.84	43.44	370.33	48.56	212.64	54.80	388.82	54.18	353.46	50.46
Clothing	106.25	11.67	93.26	16.41	157.36	20.63	29.65	7.64	82.29	11.47	111.31	15.89
Medical expenses	26.29	2.89	14.88	2.62	7.23	.95	16.77	4.32	17.23	2.40	13.15	1.88
Miscellaneous	107.83	11.85	114.38	20.13	96.41	12.64	53.21	13.71	97.04	13.52	95.75	13.67
Total	910.32	100.00	568.22	100.00	762.65	100.00	388.06	100.00	717.68	100.00	700.45	100.00

[1] Including 1 Mexican and 1 Filipino family.
[2] Including Part-Hawaiian.
[3] Including 1 Spanish family.

The housing conditions of the families visited are shown in the following table. The large proportion of leaseholds among Portuguese is due partly to an accident of location, and possibly in part to traditions brought from Portugal. The Japanese show the most

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evidence of overcrowding, for two-thirds of the families of this nationality reside in one room. However, these families are somewhat smaller than those of other nationalities, and the per capita accommodations nearly equal those of the Chinese. No Caucasian family, other than Portuguese, lived in a tenement of less than four rooms, and nearly 94 per cent of the Portuguese lived in houses of this size or larger. The average number of rooms per person was greatest in case of the Hawaiians and Caucasians, whose standards of living are more nearly equal than those of the other races.

The large proportion of families of all nationalities living in houses with individual bath and sanitary toilet constitutes a satisfactory showing, as does also the fact that so many of the white population (Portuguese and other Caucasians) lived in detached cottages instead of tenements. Chinese, Japanese, and Hawaiians, in the order named, are the principal tenement dwellers, the Chinese especially preferring this kind of an habitation.

HOUSING CONDITIONS, BY RACE.

Housing conditions.	Caucasian.[1]		Chinese.		Hawaiian.[2]		Japanese.		Portuguese.[3]		All races.	
	Number.	Per cent of total families.	Number.	Per cent of total families.	Number.	Per cent of total families.	Number.	Per cent of total families.	Number.	Per cent of total families.	Number.	Per cent of total families.
Families renting	9	64.29	[4] 41	97.62	[5] 108	72.00	[6] 29	96.67	[4] 80	62.99	[7] 267	73.55
Families owning—												
Mortgaged homes	.....	.....	.....	.....	2	1.33	.....	.....	.....	.....	2	1.33
Homes, leasehold	3	21.43	.....	.....	8	5.33	1	3.33	30	23.62	42	11.57
Homes, fee simple	2	14.29	1	2.38	32	21.33	.....	.....	17	13.39	52	14.33
Families living in—												
One room	.....	.....	1	2.38	(8)	.....	20	66.67	(9)	.....	[10] 21	5.85
Two rooms	.....	.....	26	61.90	[8] 26	17.45	5	16.67	[9] 1	.81	[10] 58	16.16
Three rooms	.....	.....	5	11.90	[8] 11	7.38	3	10.00	[9] 7	56.45	[10] 26	7.24
Over three rooms	14	100.00	10	23.81	[8] 112	75.17	2	6.67	[9] 116	93.55	[10] 254	70.75
Average number of—												
Rooms per family	5.5	.....	2.1	.....	4.8	.....	1.6	.....	5.0	.....	4.4	.....
Rooms per person	1.1	.....	0.5	.....	1.1	.....	0.4	.....	0.9	.....	0.9	.....
Houses with—												
Individual bath	12	85.71	10	23.81	92	61.33	6	20.00	85	66.93	205	56.47
Individual toilet	12	85.71	13	30.95	116	77.33	8	26.67	86	67.72	235	64.74
Sanitary toilet(W.C.)	11	78.57	38	90.48	78	52.00	27	90.00	47	37.01	201	55.37
Homes—												
In detached cottages	14	100.00	12	28.57	113	75.33	10	33.33	126	99.21	275	75.76
In tenements	.....	.....	30	71.43	33	22.00	20	66.67	1	.79	84	23.14
With city water	14	100.00	36	85.71	139	92.67	29	96.67	112	88.19	330	90.91
Reported insanitary	.....	.....	.....	.....	.....	.....	.....	.....	2	1.57	2	.55

[1] Including 1 Filipino and 1 Mexican family.
[2] Including Part-Hawaiian.
[3] Including 1 Spanish family.
[4] Including 3 families that receive rent free.
[5] Including 5 families that receive rent free.
[6] Including 4 families that receive rent free.
[7] Including 15 families that receive rent free.
[8] Not including 1 family not reported.
[9] Not including 3 families not reported.
[10] Not including 4 families not reported.

The table showing average expenditures per family for selected articles of food confirms what is already known as to the dietary of the different nationalities here represented. The significant fact in the Caucasian dietary is the large absolute and porportionate expenditure for fresh meat. Yet (and here the figures contradict a popular

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impression) the relative expenditure for fresh meat and for meat foods is nearly as large among the Chinese as among the Caucasians other than Portuguese. The relative expenditure for meat foods among the Hawaiians is larger than among the Caucasians, the high percentage being due principally to the large consumption of fresh fish by the natives. The Japanese show the smallest relative expenditure for meat foods, probably not on account of a distaste for these articles of diet, but because the family income of the people of this race is relatively smaller. The large expenditure for rice by the Chinese and Japanese and for poi by the Hawaiians are facts that required no statistical verification.

The variety of the dietary, as indicated by the average number of items, differs widely in case of different race groups. While in general standard of living and income the Hawaiians are more nearly on a par with Caucasians, other than the Portuguese, than any other race, in variety of diet they stand at the opposite extreme. This suggests that inherited tastes and customs may be least affected by changing conditions of civilization in the matter of food, provided the physical environment is not profoundly modified. The Portuguese spend more for bread and flour than any other people.

AVERAGE ANNUAL EXPENDITURES PER FAMILY FOR SELECTED ARTICLES OF FOOD, BY RACE, 1910.

Race.	Number of families.	Bread and flour.	Rice.	Poi.	Fresh meat.	Salt meat.	Fresh fish.	Salt fish.	Total meat foods.	Vegetable foods.	Condiments.	Average number of items in dietary.
Caucasian.....	[1] 14	$39.53	$8.38	$3.04	$106.18	$23.35	$18.97	$4.17	$204.42	$36.10	$29.07	24.8
Chinese.....	42	13.08	54.56	1.52	55.71	.76	25.81	8.09	107.15	12.27	13.30	18.4
Hawaiian.....	[2] 150	17.60	4.95	69.27	52.74	30.58	59.56	16.31	181.35	3.84	40.80	14.1
Japanese.....	30	12.54	56.62	.17	19.59	.17	21.40	.62	46.28	21.68	31.22	14.5
Portuguese.....	[3] 127	50.04	12.05	1.82	71.91	6.62	14.49	11.63	146.24	36.63	31.16	21.1
Total.....	363	28.90	17.47	31.07	59.12	17.42	35.19	11.97	150.33	19.02	33.05	17.5

PER CENT OF ANNUAL EXPENDITURES PER FAMILY FOR SELECTED ARTICLES OF FOOD, OF TOTAL FOOD EXPENDITURE, BY RACE.

Race.	Bread and flour.	Rice.	Poi.	Fresh meat.	Salt meat.	Fresh fish.	Salt fish.	Total meat foods.	Vegetable foods.	Condiments.
Caucasian.....	8.62	1.83	0.66	23.14	5.09	4.13	0.91	44.56	7.87	6.34
Chinese.....	5.30	22.10	.62	22.57	.31	10.46	3.28	43.41	4.97	5.39
Hawaiian.....	4.75	1.34	18.70	14.24	8.26	16.08	4.40	48.97	1.04	11.02
Japanese.....	5.90	26.63	.08	9.21	.08	10.06	.29	21.76	10.20	14.68
Portuguese.....	12.87	3.10	.47	18.49	1.70	3.73	2.99	37.61	9.42	8.01
Total.....	8.18	4.94	8.79	16.73	4.93	9.96	3.39	42.53	5.38	9.35

[1] Including 1 Filipino and 1 Mexican family.
[2] Including Part-Hawaiian.
[3] Including 1 Spanish family.

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The table showing the distribution of miscellaneous expenditures for the different race groups must be qualified by the consideration that the average incomes of families of different groups vary widely, and that this variation must affect the percentage columns as well as the columns of absolute expenditure.

DISTRIBUTION OF MISCELLANEOUS EXPENDITURES SHOWING THE PER CENT EACH IS OF TOTAL EXPENDITURES, BY RACE.

Miscellaneous expenditures.	Caucasian.[1]		Chinese.		Hawaiian.[2]		Japanese.		Portuguese.[3]		Total.	
	Average amt.	Per cent of all expenditures.	Average amt.	Per cent of all expenditures.	Average amt.	Per cent of all expenditures.	Average amt.	Per cent of all expenditures.	Average amt.	Per cent of all expenditures.	Average amt.	Per cent of all expenditures
Health and physical care	$26.29	2.89	$14.88	2.62	$7.23	0.95	$16.77	4.32	$17.23	2.40	$13.14	1.88
Educational and intellectual	8.25	.90	15.35	2.70	7.83	1.03	7.13	1.84	4.35	.61	7.44	1.06
Social	10.40	1.14	10.27	1.81	6.66	.87	4.90	1.26	4.97	.69	6.49	.93
Church, charity, etc.	4.46	.49	17.82	3.14	11.38	1.49	3.32	.85	3.67	.51	8.49	1.21
Transportation	18.93	2.08	5.10	.90	10.64	1.49	2.50	.64	14.54	2.03	11.01	1.57
Taxes and insurance	22.02	2.42	12.07	2.12	20.98	2.75	6.20	1.60	34.19	4.76	23.39	3.34
Interest and debts					.63	(4)			1.57	.22	.56	.08
Tobacco and liquors	22.10	2.43	9.71	1.71	11.21	1.47	9.10	2.35	13.25	1.85	11.99	1.71
Other cash expenditures	21.68	2.38	44.05	7.75	27.68	3.63	20.05	5.17	20.49	2.85	26.19	3.74
Total	134.13	14.73	129.25	22.75	108.64	13.59	69.97	18.06	114.26	15.92	108.72	15.52

[1] Including 1 Filipino and 1 Mexican family.
[2] Including Part-Hawaiian.
[3] Including 1 Spanish family.
[4] Less than one-hundredth of 1 per cent.

Caucasians spend more absolutely for health and physical care than any other race, but they spend a smaller proportion of their income for this purpose than do Japanese. It is to be suspected that the Japanese expenditure under this head is somewhat abnormal, possibly on account of the high birth rate. The low expenditure of the Hawaiians is due rather to a tendency to self-neglect in case of illness than to an unusually high standard of health. For educational and intellectual purposes the Caucasians, other than Portuguese, spend a smaller relative amount than any other prople, except the Portuguese themselves. The Chinese spend three times as much for education, in proportion to their incomes as do the whites, and nearly twice as much absolutely, though their families are not materially larger. These figures would command more confidence if the number of families compared in case of different races were more nearly equal. The Chinese also spend absolutely more than four times as much for charity, and relatively to their incomes more than six times as much as do the Caucasians. Portuguese and other Caucasians apparently spend most for transportation. The item of "taxes and insurance" evidently includes dues to benefit societies, and this explains the high proportion of total income paid under this head by Portuguese. "Interest and debts" account for a small percentage of the expenditure of the Hawaiians and Portuguese; in the case of the latter race

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this is due principally to payments upon homes. The figures are not fully representative because the Chinese have a method of borrowing money, often availed of, through loan associations,[1] and the results of this borrowing apparently did not find their way into the schedules.

The item "tobacco and liquors" is not accurate, the true expenditure undoubtedly being under reported by some of the races.

The following table was made up in an attempt to trace the influence of Hawaiian residence upon the expenditures of Portuguese families. The figures are not so suggestive as they might be because the age of the heads of the families and the membership of families is different in case of the two different classes. The native-born Portuguese are younger, and, partly for that reason, have smaller

[1] Such an association is formed by a Chinaman, who finds himself compelled to raise a sum of money immediately and without security. He selects a number of his friends, whose combined resources will supply the sum he needs, and forms an association in the following manner:

Assuming A to require $200, which he expects to be able to repay in ten months.

(1) A fund of $200 is formed by 10 of his associates contributing $20 each. This fund is then maintained by monthly contributions by 10 of the associates. The first month A is not a contributor, but borrows the entire fund. During the following 10 months he contributes $20 monthly to that fund, thus repaying the entire sum he borrowed, but without interest.

(2) At the beginning of the second month, A visits the members of the association and has each member, according to his need for money, bid for the loan of the fund contributed that month. His bid, which represents interest, takes the form of a discount on the contributions of the other nine members, excluding A, who is bound to pay the full $20 each month. The highest bidder, B, then receives, as a loan, the fund, which amounts to A's $20, plus the equal contributions of the other 9 members. This equal contribution represents $20, discounted by the amount B offers for the use of the money. Upon receiving this loan, B becomes obligated to pay $20, without discount, into the fund each succeeding month during the life of the association. At the end of the second month, the 9 members, who have not yet borrowed, again bid in the same manner as the 10 members did the previous month for the use of the fund contributed that month.

(3) The fund for the third month is composed of $20 contributed by each A and B and by the contributions of the other 8 members, excluding the highest bidder for that month. Each of the eight contributions again equals $20, less the discount that the borrowing member pays for the use of the money. This is continued each month until the term of the association has expired—the number of $20 contributors constantly growing and the number of qualified bidders for the use of the money constantly decreasing in the same ratio. The process is indicated by the following table, which represents the history of a loan association composed of 11 members, indicated by A to K, successively. The serial order of the letters is the same as the months upon which the person represented by each respective letter was the highest bidder. It must be noted that, after having been the highest bidder once, a member is excluded from subsequent bidding. Member K does not bid, but takes the ten $20 contributions for which his associates have bound themselves, in repayment for the sums he has previously paid into the funds plus interest.

Members.	Discount offered by highest bidder.	Receives.	Total.	Pays.	Total.
A	.....	$20.00×10	$200.00	$20×10	$200.00
B	$1.00	($19.00×9)+$20	191.00	$20×10	200.00
C	1.10	($18.90×8)+(2×$20)	191.20	($20×9)+$19	199.00
D	.75	($19.25×7)+(3×$20)	194.75	($20×9)+$19.00+$18.90	197.90
E	.75	($19.25×6)+(4×$20)	195.50	($20×7)+$37.90+$19.25	197.15
F	1.25	($18.75×5)+(5×$20)	193.75	($20×6)+$57.15+$19.25	196.40
G	1.00	($19.00×4)+(6×$20)	196.00	($20×5)+$76.40+$18.75	195.15
H	1.00	($19.00×3)+(7×$20)	197.00	($20×4)+$95.15+$19.00	194.15
I	.80	($19.20×2)+(8×$20)	198.40	($20×3)+$114.15+$19.00	193.15
J	.50	$19.50+(9×$20)	199.50	($20×2)+$133.15+19.20	192.35
K	.....	$10.00×$20	200.00	($20+$171.25	191.85

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families, smaller incomes, and less average expenditure. However, the per capita figures in this table contain some suggestions as to the changing economic status of the native Portuguese as compared with the foreign born.

COMPARISON OF NATIVE-BORN AND FOREIGN-BORN PORTUGUESE AS TO INCOME, EXPENDITURES, SIZE OF FAMILY, AND HOME CONDITIONS.

Portuguese.	Average income.		Average expenditures.		Number of families.		Average persons per family.	Average rooms per person.
	Per family.	Per capita.	Per family.	Per capita.	Renting homes.	Owning homes.		
Native-born	$655.83	$192.89	$614.15	$180.63	[1] 18	.....	3.4	1.4
Foreign-born	816.27	136.05	734.78	122.46	[2] 62	47	6.0	.8
Total	793.53	144.28	717.68	130.49	[3] 80	47	5.5	.9

[1] Including 1 family, rent free.
[2] Including 2 families, rent free.
[3] Including 3 families, rent free.

The figures showing the industrial status of children in families of different nationalities merely confirm the facts brought out by a previous table, to the effect that in Portuguese families the number of youthful workers is relatively larger than in the families of the other groups. Hawaiian children apparently enter school later, upon an average, than those of other races, and leave school earlier without entering upon any definite occupation.

CHILDREN AT WORK, AT SCHOOL, AND AT HOME, CLASSIFIED BY AGE AND BY RACE.

Race.	5 to 7 years.			8 to 11 years.			12 to 15 years.		
	At work.	At school.	At home.	At work.	At school.	At home.	At work.	At school.	At home.
Caucasian[1]	.....	4	5	.....	9	.....	.....	2	3
Chinese	.....	15	17	1	26	4	3	20	.....
Hawaiian[2]	.....	4	74	.....	16	32	2	15	30
Japanese	.....	6	3	.....	4	.....	.....	3	.....
Portuguese[3]	.....	44	30	.....	67	2	15	74	10
Total	.....	73	129	1	122	38	20	114	43

[1] Including 1 Filipino and 1 Mexican family.
[2] Including Part-Hawaiian.
[3] Including 1 Spanish family.

The Japanese, occupying largely one-room tenements, pay more for rent per room than do the members of any other race, and in this instance the rate of rent is no indication of the class of accomodations furnished. The relative rent paid by Portuguese and by other Caucasians, on the other hand, is measured very largely by the character of the buildings occupied and the neighborhood in which they stand. The fuel figures have little special significance, it being only necessary to repeat that the high expenditure of the Portuguese is due to the amount of baking done in the families.

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The following table shows, by race, the average annual expenditure for room-rent and fuel:

AVERAGE EXPENDITURE PER FAMILY FOR FUEL AND FOR RENT PER ROOM, BY RACE.

Race.	Average cost per annum of—		
	Rent per room.	Wood per family.	Charcoal per family.
Caucasian[1]	$24.00	$37.73	$5.06
Chinese	23.77	15.66	4.50
Hawaiian[2]	20.67	12.88	8.03
Japanese	30.24	8.82	9.04
Portuguese[3]	16.23	30.50	6.11
Total	19.94	22.63	7.09

[1] Including 1 Filipino and 1 Mexican family.
[2] Including Part-Hawaiian.
[3] Including 1 Spanish family.

The following table contains certain data regarding representative families of working people from the present investigation compared with data from the investigation of the cost of living in the United States, published in the Eighteenth Annual Report of the Commissioner of Labor (1903), and the résumé of the investigation made by the Imperial Statistical Office of Germany as to the cost of living of the 852 families in that country, published in Bulletin No. 88 of the United States Bureau of Labor.

COMPARISON OF AVERAGE ANNUAL INCOME AND EXPENDITURE AMONG FAMILIES IN HAWAII, THE UNITED STATES, AND GERMANY.

[Figures for the United States refer to the year 1901; for Germany to the period January 1, 1907, to April 30, 1908.]

Country and race.	Average size of family.	Average family income.				Average family expenditure.					Annual surplus.
		Amount.	Per cent earned by—			Food.	Clothing.	Rent.	Heat and light.	Total.[1]	
			Husband.	Wife.	Children.						
Hawaii:											
Caucasian[2]	4.8	$1,068.54	92.07	.....	6.02	$458.80	$106.25	$119.65	$56.75	$910.32	$158.32
Chinese	5.8	607.41	79.72	1.0	7.29	246.84	93.26	59.25	22.53	568.22	39.19
Hawaiian	4.3	927.74	83.54	.4	10.19	370.33	157.36	81.58	23.83	762.65	165.09
Japanese	3.7	425.05	80.23	11.2	4.79	212.64	29.65	38.97	25.19	388.06	33.00
Portuguese	5.5	793.53	67.62	2.2	15.96	388.82	82.29	66.66	45.37	717.68	89.93
Total	4.8	807.61	78.03	1.5	11.47	353.46	111.31	71.93	32.74	700.45	107.16
United States:[3]											
Foreign-born	4.1	634.85	74.95	1.47	12.43	272.67	76.65	111.49	36.17	608.75	26.10
Native-born	3.9	659.68	82.64	1.46	7.45	263.13	81.78	112.22	34.55	622.68	37.00
Total	4.0	650.98	79.49	1.47	9.49	266.47	79.98	111.97	35.12	617.80	33.18
Germany[4]	4.6	521.71	84.7	2.7	1.7	242.17	67.22	95.50	21.62	531.70	[5] 9.99

[1] Includes sundries or all other expenditures than the four preceding.
[2] Other than Portuguese.
[3] Figures relate to 11,156 families (not including boarders and lodgers), except those showing per cent of income earned by husband, wife, children; those figures relate to 25,440 families (including boarders and lodgers).
[4] Figures do not include lodgers.
[5] Deficit.

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Too much dependence should not be placed on the accuracy of such comparisons, though they may suggest important conclusions. It must be borne in mind that the Federal investigation of the cost of living in the United States was made seven years ago, before the recent rise in prices and wages. The German investigation and the investigation in the United States covered families living in small towns as well as in the larger cities, and residing over a large geographical area, while the investigation in Hawaii was confined to the city of Honolulu.

The average size of families is exclusive of lodgers. The number of rooms per family and of rooms per person for Hawaii (table on page 708) was 4.4 and 0.9, respectively. For the United States as a whole the number of rooms per family, of the 23,447 families considered, was 4.95 and the number of rooms per person, 1.04. This information for Germany was not available. The data suggest that in general the housing conditions of Caucasians in Hawaii are better than those of foreign and native born working people averaged together in the United States. On the other hand, the housing conditions of the Chinese, Hawaiians, Japanese, and Portuguese do not, taking into account the size of the families, equal the housing conditions of the working people on the mainland.

The third column, showing average family income, indicates much higher earnings in Hawaii than either on the mainland of the United States or in Germany. The only nationality in Hawaii having a lower family income than that in America or Germany was the Japanese, and in case of the Japanese the average size of the family was nearly 25 per cent less than in the two other countries mentioned.

The fourth, fifth, and sixth columns show the percentage of the total family income contributed by husband, wife, and children, respectively. No Caucasian family investigated in Hawaii received income from the mother's earnings. A remarkable point in this comparison is the small proportion of family income in Germany derived from the earnings of children. The significance of this fact, if the comparison is a true one, is very great and shows that, in some respects, the economic civilization of Germany is higher than that of either the mainland of the United States or of Hawaii.

The items of family expenditure would illustrate more facts were it possible to give a reliable comparison of the total expenditures for different articles of food. Total family expenditures are evidently higher in Hawaii than in the other countries, but on account of the higher income they leave a more favorable surplus than either on the mainland or in Germany.

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IMMIGRATION AND SETTLEMENT.

The history of immigration to Hawaii was given in some detail in the report of 1902. Chinese, Japanese, Korean, Polynesian, Portuguese, Italian, German, Norwegian, Porto Rican, and American negro labor had been imported under contract, or encouraged by public assistance to come to Hawaii, prior to its annexation to the United States. The main fact of the past five years affecting immigration and labor supply has been the agreement between the United States and Japan, under which the Japanese Government no longer issues passports to any of its subjects of the laboring class destined to continental United States or Hawaii. This has not entirely cut off Japanese immigration to Hawaii, for it does not affect students, merchants, and professional men, of whom there is a colony of some size in the Territory; nor does it exclude "parents, wives, or children of residents" already established in the islands. But the new regulation has effectively and definitely stopped the influx of Japanese plantation labor.

The effect of this regulation upon the local labor situation has been to diversify the race and nationality of employees in the sugar industry, which will ultimately react on other industries, and its effect upon the condition of Japanese residents has been to give greater permanence to the Japanese population now settled in the country.

So long as Japanese could come and go as they pleased, many of them returned to Japan for shorter or longer visits before they had acquired a competence, intending ultimately to return to the islands. These men made place for a constant stream of new arrivals, and the labor population was in a state of flux. Wages tended to remain at a point determined by the demands of new immigrants fresh from the Orient and retaining the standard of living to which they were there accustomed. Now the Japanese are more cautious about returning to Japan before they have an assured competence. The cost of living and the level of wages in Japan is rising, and this makes it necessary to accumulate a much larger sum of money before returning to Japan than was formerly the case. So upon the average, Japanese now remain much longer in Hawaii, and provide themselves for this longer stay. They bring over their families or have wives sent from Japan for whom they negotiate before marriage according to the customs of their own people. With their families here, their expenses become higher, and they demand higher wages, or they seek more independent positions than those of common field laborers, leasing if possible a tract of land. All these influences cooperate to make the present Japanese a resident population, as the Chinese have become since the exclusion laws against their countrymen went into force. Insensibly at present,

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perhaps, but with considerable certainty, this longer residence causes more fusion in sentiment and even in blood with the local inhabitants. Children born in Hawaii of Japanese parents are registered as American citizens—partly to free them from immigration restrictions in the future, but with the result of giving them political privileges that they are not unlikely to use, and that will react upon their sentiment toward this country and toward Japan. The total effect of the restrictions upon oriental immigration into Hawaii will probably be to hasten the formation of a native mixed race of preponderant Polynesian and Mongolian derivation, but with an easily traceable Caucasian strain. The Chinese element promises to be largely absorbed in this way within another generation. Isolated instances of the intermarriage of Japanese with Portuguese and mestizos indicate the beginning of a tendency likely to increase with longer race contact. It is not impossible that the sentiment of oriental laborers in Hawaii will soon be not altogether adverse to such restriction of Asiatic immigration as will enable the local workers to maintain higher wages. Occasional instances of this sentiment already manifest themselves.

Meantime the planters' association has been recruiting labor in the Philippines, not without success and upon the whole probably to the advantage of the Filipinos. The better pay offered in Hawaii is sufficient, when backed by free passage and other inducements, to draw labor away, even from Manila and Philippine planting districts, where the supply of workers is hardly sufficient for local needs. Voluntary labor immigration from the Philippines to Hawaii may in time follow, as the financial and commercial relations of the two countries are growing closer. Some of the Filipinos imported are very young, and many were city boys unused to plantation work; a surprising number show the results of our public-school system by speaking English and having somewhat of an American schoolboy cast of mind. Upon the whole, this labor has proved satisfactory—more so than were the Porto Ricans during the first years after their arrival—from the employers' standpoint. Crime and disease are not prevalent among the Filipinos; but their importation has been attended by the danger of bringing in new tropical diseases, and they do not promise to add to the political stability or to raise the civic status of the Territory.

In 1905 the Territory established a board of immigration which, for the first four years of its existence, was principally financed by funds subscribed by the planters' association. These subscriptions amounted to about $315,000, and with this money 2,438 immigrants were brought to Hawaii from Portugal and 2,246 were brought from southern Spain. A change in the Federal law of 1907 prevented the Territory from using money raised by private subscription to assist

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immigrants, and in place of these subscriptions a special income tax was levied which produces about $210,000 per annum for immigration purposes. With this money, during 1909–10, the first year it was available, 868 immigrants were brought from the Portuguese islands and 2,043 Russians were brought from Manchuria.

The Spaniards and Portuguese, coming into a large colony of their own people who knew the country, have quickly settled down to making a living, and most of them appear to be contented. Many have already taken up homesteads and built homes. The Portuguese were given an opportunity to acquire small residence leaseholds on the plantations, and were offered a higher wage than is given to orientals. Special houses were built for them. As a rule, however, they have under the conditions offered preferred to remain tenants of the plantation to acquiring a permanent interest in its vicinity.

The number of homesteads offered under this agreement was approximately 1,500, of which over one-quarter were fee-simple lands and the remainder paid-up leases, running from 30 to 50 years. Partial statistics show that about 175 of these homesteads were taken up, in the remaining cases the laborers preferring the $2 per month extra wage to the homestead privilege. In the fall of 1910 there were 116 of these homesteads still occupied by the laborers, of whom 71 had completed their title and the remainder were holding subject to an unexpired residence requirement.

The main reason for this seems to have been that they chose $24 for 26 days work without a leasehold to $22 for 26 days work with this privilege. They have made a bad bargain, however, as the cash values of the leaseholds, to which they would have acquired title in a few years, are much more than the sacrifice from their earnings necessary to acquire them. The object of the planters in making this offer was to use a period when profits were good to attach labor to the locality, not to effect an immediate saving in wages.

The first Russians brought to Hawaii belonged to a peculiar religious sect and were given homes upon a tract of public land on the island of Kauai. They soon became dissatisfied and left, and as there is no one to tell their side of the story, the only account of their leaving that survives represents them as impracticable, distrustful, chronically complaining—and above all things as unresourceful, unable to adapt themselves to new conditions and new habits of life. These last are not the traditional characteristics of the Russian peasant in his own country; but no part of all Russia affords a precedent for starting a homestead in Hawaii.

A trial party of 50 families of agricultural laborers was brought from Siberia to the Territory in the autumn of 1909, and proved so satisfactory that agents were at once sent back to Manchuria and Siberia to procure more. Through these agents the opportunities

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for employment in Hawaii and for obtaining homes in that country were advertised, and families were furnished free passage to Honolulu. Immigrants, including mechanics, city laborers, and railway workers from around Harbin, began to arrive in parties of 200 or 300 by each steamer, early in 1910.[1] Most of them went out to the plantations, where they had been promised the rate of pay and most of the other conditions contained in the following memorandum, which is quoted from a letter from the trustees of the planters' association to the governor of Hawaii, and which contains in detail the terms under which these laborers are at present employed:

Wages and perquisites.—The trustees adhere to the original arrangement providing for wages of $22 per month for 26 days work performed, and at the same rate for any less number of days.

The laborer will be furnished without charge with fuel, water, medical attendance and medicines, and in the case of a family, with a house; single men will be provided with dwelling accommodations.

The personal taxes of the laborer (amounting to $5 yearly) will be paid by the plantation for a period of three years, providing he remains on the plantation to which he is originally assigned.

House furnishings.—The plantation will provide each house, without charge to the laborer, with plantation-made furniture sufficient for ordinary comfort, such as beds, mattresses, tables, and benches; and also will provide one brick or stone oven for each four houses.

Hours of labor.—The hours of labor are 10 hours in the field, but every effort will be made by the plantations to furnish the people with piecework as they show their adaptability for it.

Compensation of labor while sick.—In case of accident while on duty, the laborer will be allowed wages until he is able to resume work; this is as far as "sick pay" will be allowed.

Cost of living.—Where plantation stores are conducted, they will furnish to plantation laborers for their own use foodstuffs and clothing, constituting the necessaries of life, at cost prices to the plantations.

Land for laborers to raise vegetables.—It is the policy of the members of this association to allow the laborers the use of a sufficient area of land for garden purposes.

Credit system at plantation stores.—The credit system has become generally so fixed a custom that the trustees do not see their way clear to disturb the system which now prevails, and it is believed, furthermore, that any change would work a hardship upon the laborers now on the plantations.

More frequent settlements and pay days for laborers.—It is the sense of the trustees that more frequent settlements with the laborers can not be made and the present system of pay days (once a month) can not be altered.

Deposits by laborers for implements, numbers, etc.—In respect to the matter of deposits for implements, metal numbers, etc., the trustees have voted that no deposits will be required in the first instance, but that the laborers shall be held responsible for the return of said implements, numbers, etc.

[1] See p. 724.

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Night schools.—In the matter of the request that the plantations provide night schools, it is the sense of the trustees that the plantations can not undertake to educate laborers other than through the facilities afforded by the territorial government.

The Russians arrived in heavy Siberian clothing and with the habits of diet and living of a cold country. They clung to the things to which they were accustomed with a peasant conservatism. This very greatly interfered with their ability to work and lessened their general comfort.

These conditions, coupled with the irritability usually attending a severe process of acclimatization and of adjustment to the changed environment of an entirely foreign country, soon bred dissatisfaction. There was no well-grounded complaint that the wages and hours of work upon the plantations were not as represented by the government agent in Siberia; but the price of food and clothing was said to be much more than the Russians expected. The cost of living of an oriental or Hawaiian laborer, or possibly of an American workman, allowing for lessened expense for fuel and clothing in the Tropics, is not much more in Hawaii than it would be upon the mainland, or than it probably is in eastern Siberia. But it costs more to live like a Russian in Hawaii than it does in Harbin or Vladivostok. Therefore, the 44 rubles ($22.66) a month did not go so far as was anticipated, and doubtless many of the families that went to the plantations from Siberia had little surplus after settling their bills at pay day.

Among the Russians were some men of education who were entirely out of place as unskilled manual laborers in any capacity, and who could have found a useful vocation only in some American city like New York, having a large Russian colony. These people soon drifted back to Honolulu and mingled with the arriving immigrants, picturing to them work on the plantations as a life of slavery. The conditions they described either were nonexistent, grossly exaggerated, or principally of their own making. Their real grievances were mostly due to the difficulties and misunderstandings that always arise when immigrants are adjusting themselves to new conditions in a strange country, and dealing with people speaking a different language. Some of their disillusionment was not unlikely caused by overcolored accounts of the advantages of Hawaii, spread among them by unscrupulous recruiters of their own nationality, who were employed by the Hawaiian government agent in Siberia to secure immigrants. In a nutshell, many of the immigrants thoroughly disliked the work they had come to do, and found themselves in the situation of having nothing else to turn to. From these discontented fellow countrymen newer arrivals got the idea that they would not like the plantation work, and with a vague and to them

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real enough but in fact wholly unjustified suspicion that coercion would be used to make them work in the cane fields if they went to the plantations, remained idling in Honolulu. The situation was aggravated by the fact that contagious diseases appeared among them, causing several parties to be kept in quarantine for some weeks, at great expense to the territorial government. During this period of idleness the immigrants were played upon by influences of discontent. They were led to believe that in some way, through penalties enforced by the immigration law, each could get $1,000 and free passage back to Siberia. Some of the shrewder ones had already formed the project of going on to California, where they had fellow countrymen and knew wages to be higher, having had their fare paid by the Territory as far as Honolulu. Many were not destitute of funds, and those who desired to save steamship fare or lacked money shipped as sailors on the steamers or sailing vessels for San Francisco or around the Horn. A census agent enumerated 14 men, newly arrived from Siberia, who a few days after the date of census taking were thus bound for New York on a single ship.

All this time several hundred Russians were working to all appearances contentedly on the plantations, on the railways, in lumber camps and sawmills, and wherever elsewhere there was an opening for their services. Six hundred or more camped in the open fields in the outskirts of Honolulu, accessible to water and free fuel, and with true muzhik knack at pioneering, erected temporary, but for the season, fairly comfortable shelters. This camp became a show place for Honolulu, as lively at times as a country fair. The Russian men secured enough work on the wharves and through the city to support their families. A number were employed by local building and dam contractors. Some unmarried women found employment as household servants. There was no evidence of suffering among them, though this camp life would not be permanently satisfactory or desirable.

The Russians fraternized with the Chinese and Japanese and their intimacy with the latter gave rise to the suspicion and rumor that Japanese agents, desiring to prevent at the outset an inflow of labor likely to compete on the plantations with their own countrymen, were using personal influence and giving financial support to Russian agitators to prevent immigrants from going to the plantations. But when the new arrivals began to work on the wharves, taking jobs from the Hawaiians who had hitherto monopolized this kind of labor and who have a large longshoremen's union, they came into conflict with that nationality, and to a less extent with the Portuguese. As the Hawaiians are politically dominant and constitute the police force of Honolulu, there were the elements of possible trouble in this situation. It was accentuated when the arrest of some of the Russians

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for vagrancy and minor offenses caused a small riot at the police station. However, no very serious results followed, and except for this one incident no disturbance of the peace occurred.

The Russians were physically as fine appearing people as ever came to Hawaii. They brought families, some provisions of money, clothing and household equipment, and were provided to make homes wherever they settled. Most of them were industrious and law abiding. As a class, however, they may be said to lack individual initiative, follow any fluent leader like a flock of sheep, are suspicious and credulous, and are perhaps naturally less quick to "catch on" than are the Japanese. But the difficulties which these first immigrants experienced in Hawaii are not novel. The Norwegians, the Germans, and even the first Japanese and Portuguese went through similar experiences.

The Russian-speaking agent of the board of immigration visited practically all the dependent and unemployed Russian families in the city, as well as a large number of those having regular employment. Those from whom information was not obtained were the exceptionally well-to-do who did not wish to be made the subjects of a social investigation, and a few employed single men who could not be readily found during the hours the agent was in the field.

There were interviewed 69 married men with their wives and children, 19 married women whose husbands were absent from the city, in some cases in California; 52 single men, and 9 single women, the total number of persons interviewed being 389. Of the 69 heads of families, 37 were regularly employed, 22 were irregularly employed as casual laborers, and 10 were unemployed. Of 52 single men, 30 were regularly employed, 11 were working irregularly, and 11 were unemployed. Two of the single women had regular positions, 2 worked irregularly, and 4 reported no employment. Two of the married women whose husbands were in the city worked regularly, and 7 of those whose husbands were out of the city had constant employment. Of the children, 11 boys and 7 girls were working, and 18 boys and 22 girls were attending public school.

The wages of the married men varied from $1 to $3 per day, the average wage for all those who were regularly employed being $1.84 per day. The wages of the single men varied from $1 to $2 a day, the average wage being $1.47. Women and children earned all the way from $2 per week, which was the lowest wage reported for a young girl working in a cannery, to $2 per day, the pay of those working as servants being about $3 per week. Of the 121 adult males, 30 had at some time during their six months' stay in Hawaii worked on the plantations.

In regard to tenement-house conditions, 45 families out of the 69, and practically all the single women, were living in cottages and tenements scattered throughout the city, under practically the same

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conditions as the rest of the laboring population; 34 of the 52 single men were also boarding or living in similar tenements; 17 families, 1 single woman, and 11 single men were living in houses in a slum district of the city. Most of these were not attracted to this district so much by the cheapness of the rent or by the immoral conditions prevailing in the neighborhood as by the fact that it was adjacent to one of the large pineapple canneries, where many members of these families were employed. Seven families and 7 single men and 2 women whose husbands were absent from the city, a total of 43 persons, were still living in the Iwilei camp, in which the Russians settled immediately after leaving quarantine. The population of this camp varied from 20 to 40 or 50 people at different times. In some cases, where the head of a family was dissipated, a period of unemployment or a protracted spree would bring the family back to the camp after a few weeks or months in better quarters. Thirty-six of the single men and 56 of the 69 married men were able to read and write. In addition to the 40 children attending public school, about 70 adults and minors attended night school at Palama Settlement.

Probably, if enough of the present immigrants remain in the Territory to learn the language and ways of the country and to become acclimated, they will soon rise to be plantation overseers and mechanics, will become small landholders, and altogether will form a most desirable element of the population. If a few hundred of these older residents were scattered throughout the Territory at present they would bridge over the gaps of misunderstanding between residents and newcomers, show the immigrants how to adjust themselves to Hawaiian conditions, and prevent most of the difficulties that have occurred. And if such a population remains from the immigration of 1909 and 1910 a fair prospect exists that at some future time another limited immigration from Siberia will be desirable. Several of the Russians who have come to Honolulu within the past few months have already applied for citizenship. As has been the experience with much assisted immigration in the past, but few of these people were originally farm laborers, and when they arrived in Hawaii agricultural work was as novel to them as it would be to city mechanics and factory operatives from the United States.

The following table shows the increase or decrease of the different oriental nationalities in Hawaii, by immigration and emigration, from June 14, 1900, the date of annexation, to June 30, 1910, or a period of approximately 10 years. These figures are compared with the net gain or loss of population of each nationality as shown by the census for the decennial period. In case of both Japanese and Chinese the natural increase is very large, probably sufficient to double the population of these races every 30 years. But some allowance

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should perhaps be made for the probability that orientals were more thoroughly enumerated in 1910 than in 1900, immediately after annexation, and that consequently the increase shown is not entirely a true one. The percentage of deaths is low among the Japanese because this population consists principally of men and women in the first years of manhood and womanhood, and of very young children. For the same reason the birth rate, as compared with the total population of this race in the Territory, is abnormally high, except as modified by a third condition, a smaller proportion of females than is found in a long-resident population.

ARRIVALS AND DEPARTURES OF ORIENTALS, AT HONOLULU, FROM JUNE 14, 1900, TO JUNE 30, 1910.

[Report of the governer of Hawaii to the Secretary of the Interior, for the fiscal year ended June, 30, 1910.]

	Japanese.				Chinese.			
	Males.	Females.	Children.	Total.	Males.	Females.	Children.	Total.
Arrivals	61,026	15,875	520	77,421	3,363	155	62	3,580
Departures	57,966	11,204	6,016	75,186	11,679	1,003	1,236	13,918
Net loss (−) or gain (+) by migration	+3,060	+4,671	−5,496	+ 2,235	−8,316	−848	−1,174	−10,338
Net loss (−) or gain (+) by census [1]				+18,563				− 4,093
Difference				+16,328				− 6,245

	Korean.				Total.			
	Males.	Females.	Children.	Total.	Males.	Females.	Children.	Grand total.
Arrivals	6,822	619	161	7,602	71,211	16,649	743	88,603
Departures	1,959	157	164	2,280	71,604	12,364	7,416	91,384
Net loss (−) or gain (+) by migration	+4,863	+462	−3	+5,322	−393	+4,285	−6,673	−2,781
Net loss (−) or gain (+) by census [1]				(2)				(2)
Difference				(2)				(2)

[1] Data furnished by the Bureau of the Census, 1911. [2] Data not available.

The table that follows shows the arrivals and departures of different nationalities at Honolulu for the five years ending with 1909 and for the first six months of 1910. The most significant fact, after the history of oriental immigration that it presents, is the large movement of Caucasians to California, which is so constant and of such volume as almost to counteract the influence of a vigorously assisted immigration supported by the Government. The appearance of the Filipino and the Hindu presents a new problem, mingling economic relief with civic and sanitary menace. The net increase of population through the immigration of all the nationalities or races mentioned during the past five years has been two less than a thousand, although during this period nearly 57,000 immigrants arrived in the Territory.

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STATISTICS OF IMMIGRATION, HONOLULU, 1905 TO 1909 AND FIRST SIX MONTHS OF 1910.

Year and nationality or race.	Arrivals.			Departures.									Increase (+) or decrease (−).		
				Coast.			Orient.			Total.					
	M.	F.	Children.	M.	F.	Children.	M.	F.	Children.	M.	F.	Children.	M.	F.	Children.
1905.															
Japanese	5,447	567	55	8,657	712	281	1,658	687	873	10,315	1,339	1,154	−4,868	− 832	−1,099
Korean	2,337	101	134	373	16	10	190	15	14	563	31	24	+1,774	+ 70	+ 110
Chinese	130	2	5	.....	.....	.....	839	55	160	839	55	160	− 709	− 53	− 155
Iberian [1]	.....	.....	.....	244	177	304	.....	.....	.....	244	177	304	− 244	− 177	− 304
Total	7,914	670	194	9,274	905	595	2,687	757	1,047	11,961	1,662	1,642	−4,047	− 992	−1,448
1906.															
Japanese	17,007	1,113	67	11,047	794	386	1,676	728	951	12,723	1,522	1,337	+4,284	− 409	−1,270
Korean	7	1	.....	428	17	13	254	29	43	682	46	56	− 675	− 45	− 56
Chinese	148	1	1	.....	.....	.....	823	58	143	823	58	143	− 675	− 57	− 142
Iberian [1]	510	276	556	326	217	350	.....	.....	.....	326	217	350	+ 184	+ 59	+ 206
Total	17,672	1,391	624	11,801	1,028	749	2,753	815	1,137	14,544	1,843	1,886	3,118	− 452	−1,262
1907.															
Japanese	11,940	2,877	158	5,149	198	91	1,810	692	986	6,959	890	1,077	+4,981	+1,987	− 919
Korean	3	1	4	130	12	6	266	39	44	396	51	50	− 393	− 50	− 46
Chinese	160	1	1	6	.....	.....	838	70	177	844	70	177	− 684	− 69	− 176
Iberian [1]	1,158	922	1,667	490	305	532	.....	.....	.....	490	305	532	+ 668	+ 617	+1,135
Filipino	188	20	12	.....	.....	.....	2	.....	.....	2	.....	.....	+ 186	+ 20	+ 12
Total	13,449	3,821	1,842	5,775	515	629	2,916	801	1,207	8,691	1,316	1,836	4,758	2,505	6
1908.															
Japanese	2,369	1,700	133	45	17	7	1,804	678	972	1,849	695	979	+ 520	+1,005	− 846
Korean	1	1	.....	1	.....	.....	85	9	11	86	9	11	− 85	− 8	− 11
Chinese	243	18	20	11	.....	.....	813	91	119	824	41	119	− 581	− 23	− 99
Iberian [1]	262	99	196	214	132	204	.....	.....	.....	214	132	204	+ 48	− 33	− 8
Hindu	201	.....	.....	125	.....	.....	10	.....	.....	135	.....	.....	+ 66	.....	.....
Total	3,076	1,818	349	396	149	211	2,712	728	1,102	3,108	877	1,313	− 32	+ 941	− 964
1909.															
Japanese	385	849	76	16	7	5	1,581	617	912	1,597	624	917	−1,212	+ 225	− 841
Korean	.....	.....	.....	2	.....	.....	117	8	9	119	8	9	− 119	− 8	− 9
Chinese	333	27	33	13	.....	.....	838	48	102	851	48	102	− 518	− 21	− 69
Iberian [1]	516	292	416	351	197	286	.....	.....	.....	351	197	286	+ 165	+ 95	+ 130
Filipino	697	70	42	46	.....	.....	.....	.....	.....	46	.....	.....	+ 651	+ 70	+ 42
Hindu	242	1	.....	183	.....	.....	27	.....	.....	210	.....	.....	+ 32	+ 1	.....
Russian	108	66	80	.....	.....	.....	1	.....	.....	1	.....	.....	+ 107	+ 66	+ 80
Total	2,281	1,305	647	611	204	291	2,564	673	1,023	3,175	877	1,314	− 894	428	− 667
1905-1909.															
Japanese	37,148	7,106	489	24,914	1,728	770	8,529	3,402	4,694	33,443	5,130	5,464	+3,705	+1,976	−4,975
Korean	2,348	104	138	934	45	29	912	100	121	1,846	145	150	+ 502	− 41	− 12
Chinese	1,014	49	60	30	.....	.....	4,151	272	701	4,181	272	701	−3,167	− 223	− 641
Iberian [1]	2,446	1,589	2,835	1,625	1,028	1,676	.....	.....	.....	1,625	1,028	1,676	+ 821	+ 561	+1,159
Filipino	885	90	54	46	.....	.....	2	.....	.....	48	.....	.....	+ 837	+ 90	+ 54
Hindu	443	1	.....	308	.....	.....	37	.....	.....	345	.....	.....	+ 98	+ 1	.....
Russian	108	66	80	.....	.....	.....	1	.....	.....	1	.....	.....	+ 107	+ 66	+ 80
Total	44,392	9,005	3,656	27,857	2,801	2,475	13,632	3,774	5,516	41,489	6,575	7,991	+2,903	+2,430	−4,335
1910. [2]															
Japanese	199	488	31	21	5	3	775	351	549	796	356	552	− 597	+ 132	− 521
Korean	2	4	3	3	.....	.....	20	3	6	23	3	6	− 21	+ 1	− 3
Chinese	176	13	12	5	.....	.....	301	13	28	306	13	28	− 130	.....	− 16
Iberian [1]	20	9	8	329	180	306	.....	.....	.....	329	180	306	− 309	− 171	− 298
Filipino	1,765	120	56	35	.....	.....	8	3	.....	43	3	.....	1,722	+ 117	+ 56
Hindu	36	.....	.....	65	.....	.....	7	1	.....	72	1	.....	− 36	− 1	.....
Russian	652	287	362	91	24	39	9	4	4	100	28	43	+ 552	+ 259	+ 319
Total	2,850	921	472	549	209	348	1,120	375	587	1,669	584	935	+1,181	+ 337	− 463

[1] Includes Portuguese, Spaniards, and Porto Ricans.

[2] January to June.

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ARRIVALS OF CHINESE, JAPANESE, AND KOREANS IN THE TERRITORY OF HAWAII FROM JULY 1, 1900, TO DECEMBER 31, 1905.

[From the records of the Bureau of Immigration.]

Period.	Chinese.				Japanese.				Korean.				Total.			
	M.	F.	Total.	Under 14.	M.	F.	Total.	Under 14.	M.	F.	Total.	Under 14.	M.	F.	Total.	Under 14.
Year ending—																
June 30, 1901	1,060	34	1,094	....	226	112	338	....	4	....	4	....	1,290	146	1,436	....
June 30, 1902	262	35	297	....	5,553	3,572	9,125	....	12	....	12	....	5,827	3,607	9,434	....
June 30, 1903	544	29	573	....	9,835	3,210	13,045	....	454	61	515	....	10,833	3,300	14,133	....
June 30, 1904	402	10	412	7	5,626	961	6,587	76	1,700	183	1,883	133	7,728	1,154	8,882	216
June 30, 1905	198	4	202	4	5,979	708	6,687	59	4,471	411	4,882	314	10,648	1,123	11,771	377
Total	2,466	112	2,578	11	27,219	8,563	35,782	135	6,641	655	7,296	447	36,326	9,330	45,656	593
July, 1905	8	1	9	....	214	48	262	7	71	21	92	17	293	70	363	24
August, 1905	19	1	20	....	263	45	308	5	....	....	....	....	282	46	328	5
September, 1905	16	....	16	....	120	22	142	1	2	1	3	1	138	23	161	2
October, 1905	18	1	19	2	143	28	171	4	1	....	1	....	162	29	191	6
November, 1905	14	....	14	....	553	106	659	10	....	....	....	....	567	106	673	10
December, 1905	7	....	7	1	644	61	705	4	2	....	2	....	653	61	714	5
Total (July 1, 1900–Dec. 31, 1905)	2,548	115	2,663	14	29,156	8,873	38,029	166	6,717	677	7,394	465	38,421	9,665	48,086	645

DEPARTURES OF CHINESE, JAPANESE, AND KOREANS FROM HAWAII TO THE ORIENT AND THE COAST FROM JUNE 14, 1900, TO DECEMBER 31, 1905.

Period.	Chinese.				Japanese.				Korean.				Total.			
	M.	F.	Children.	Total.	M.	F.	Children.	Total.	M.	F.	Children.	Total.	M.	F.	Children.	Total
June 14, 1900, to June 30, 1902	3,734	491	(1)	4,225	6,627	1,442	(1)	8,069	....	....	....	....	10,361	1,933	(1)	12,294
July 1, 1902, to Sept. 30, 1902	489	22	68	579	1,410	253	177	1,840	....	....	....	....	1,899	275	245	2,419
Oct. 1, 1902, to Sept. 30, 1903	1,333	101	196	1,630	5,000	1,140	804	6,944	....	....	....	....	6,333	1,241	1,000	8,574
Oct. 1, 1903, to June 30, 1904	952	57	129	1,138	4,769	869	708	6,346	6	1	1	8	5,727	927	838	7,492
July 1, 1904, to June 30, 1905	1,019	71	186	1,276	11,233	1,693	1,328	14,254	350	23	13	386	12,602	1,787	1,527	15,916
July, 1905	71	7	19	97	723	111	93	927	79	3	5	87	873	121	117	1,111
August, 1905	41	1	7	49	665	131	139	935	51	3	2	56	757	135	148	1,040
September, 1905	84	3	11	98	636	162	192	990	74	5	3	82	794	170	206	1,170
October, 1905	136	12	26	174	446	98	90	634	40	4	4	48	622	114	120	856
November, 1905	75	8	25	108	278	33	24	335	33	1	....	34	386	42	49	477
December, 1905	97	....	2	99	257	39	25	321	20	....	....	20	374	39	27	440
By Matson Line[2]	....	....	....	....	(1)	(1)	(1)	718	....	....	....	....	(1)	(1)	(1)	718
Total	8,031	773	669	9,473	[3] 32,044	[3] 5,971	[3] 3,580	42,313	653	40	28	721	[3] 40,728	[3] 6,784	[3] 4,277	52,507

[1] Not reported separately.
[2] Figures are for 1903, 1904, and to June 30, 1905; figures for each year and for age and sex not separately reported.
[3] Not including data for 718 Japanese, age and sex not reported.

In addition to bringing Portuguese and Russians to Hawaii, the territorial board of immigration has also maintained agents in California and New York City for the purpose of getting immigrants from the mainland. These latter attempts were practically fruitless.

The real present desire of the people of the Territory is to attract and to retain as permanent settlers immigrants of Caucasian stock who will become citizens. Political considerations on the one hand, military considerations more or less remote on the other, and more

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powerful than either (with those whose chief concern is as employers), a desire to be rid once for all of the constant expense and trouble of seeking labor away from home in the face of growing legal and economic obstacles, have created this sentiment in favor of an immigration policy different from that pursued in the days of contract labor. An added inducement for plantation employers to diversify and increase the Caucasian labor force was the strike of Japanese field workers in 1909.

THE JAPANESE STRIKE OF 1909.

The most important labor conflict that ever occurred in Hawaii began on some of the larger Oahu sugar plantations, near the city of Honolulu, in May, 1909, and continued throughout a good part of the following summer. Though there was no cessation of employment outside of this island, the issue was understood to involve all plantations in the Territory; the direct cost of the strike to employers—well toward $2,000,000—was distributed among all the plantations, and the striking laborers were supported by funds collected from their fellow-countrymen still at work in the cane fields of other islands and in the city of Honolulu.

The most important features of the strike were the following:

1. Sentiment in its favor was aroused by an agitation begun not by the laborers themselves, but by educated Japanese journalists and business men in Honolulu.

2. The movement had from the first a national character, but was not unanimously favored by the educated Japanese.

3. The strike was conducted by an organization officered and dominated by educated Japanese not themselves manual laborers, instead of by a trade union as known to Americans.

4. The demands of the strikers were for higher wages for day hands in the fields, and were strengthened by the fact that planters were offering one-third more pay, in similar positions, to Caucasian than to oriental field hands.

5. Enough citizen strike breakers, chiefly Hawaiians and Portuguese, offered themselves at a wage of $1.50 a day, in the neighborhood of Honolulu, to carry on the operations of the plantations.

6. Except in relation to strike breakers and nonsympathizers of their own nationality, the Japanese strikers were perfectly law-abiding in the sense of refraining from violence and destruction of property.

7. The strike ended through the financial weakness of the strikers, and because their leaders adopted a policy toward their Japanese opponents which brought them into the toils of the law.

8. Following the strike the condition of Japanese laborers has been improved, and they now earn more than formerly.

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9. The fact that Japanese overseers and mechanics joined with their fellow-countrymen in a strike affecting chiefly field labor has caused some managers to substitute Caucasians and Hawaiians gradually for Japanese formerly employed in these more responsible positions.

10. The Japanese Government representatives in Honolulu gave no support or encouragement to the strikers.

The genesis of the strike was thus summed up by the chief justice of the Territory, in a decision relating to criminal charges brought against the strike leaders, from the testimony of those leaders and of men of their own nationality opposed to them. One of the principal promoters of the movement for higher wages was M. Negoro, an American-educated Japanese.

The defendant, Negoro, after returning, in May, 1908, from studies at the University of California and occupying himself in writing for the press, prepared in September of that year a plan for getting higher wages for those Japanese plantation laborers who worked by the month for Japanese who had planting contracts. Sheba, editor of the Japanese newspaper, the Hawaii Shinpo of Honolulu, declined to publish the article on the ground that it was an inopportune time to stir up agitation on the subject among the laborers and that it would be better to make an effort to induce the planters themselves to advance the wages of this class of labor after certain questions affecting Cuban sugar and Japanese immigration were disposed of. Negoro believed, however, that the time had come to arouse Japanese on the subject and that it was not fair that the contractors only were doing well or that those who worked for them could obtain good wages for efficiency, but that all should receive a higher monthly wage, requiring, of course, a higher wage for contractors as well. The object of Negoro appears to have been to arouse discontent among laborers employed by contractors and then persuade them to demand and insist upon an increase of wages. Being unable to induce Sheba to publish his article, he got it published in the Nippu Jiji, a Honolulu newspaper, edited by the defendant, Soga.

The article, entitled "How about the higher wages," published in the Nippu Jiji of July 31, 1908, begins: "We regret that the wages in Hawaii are disproportionately low in comparison with the large profits," and presents an argument why the Japanese Government should interpose, "for the Japanese Government is well aware that its subjects are not born to be slaves of the capitalists of Hawaii," saying: "Cane contractors (Japanese) are making profits, and a large number of them are returning to Japan, thus diminishing the number of laborers." The prohibition of immigration to Hawaii, says the article, "is an act silently demanding higher wages, and we indorse it;" adding: "The Japanese laborers, who are placed in the position of slaves by reason of the prohibition of immigration to America, do not have courage to ask for higher wages;" then going on to urge that the "Japanese Government, taking great courage itself, should request the American Government to dissolve the prohibition of emigration of Hawaiian Japanese to the mainland. The time is ripe. Though the Hawaiian immigrants do not say it in so many words, it

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is their hope of years and their silent prayer that they recover the lost liberty of choosing and changing their place of abode and become a full-fledged man and to be in a position to earn a just reward for their labor."

But there is evidence that Negoro's plan soon assumed a somewhat different form. He testified that at the time that Sheba declined his article he himself "was not very earnest;" but a few weeks after, while in the office of the Daily Chronicle (a Japanese newspaper in Honolulu), the higher-wage question was discussed, "and I think I was the proposer. I said the wages are too low and we should have higher wages for the Japanese laborers," but Tsurushina "planted himself upon the contract system" and refused to "go into the movement or urge the movement," saying that the Japanese were "very much nowadays going into independent industries," many of them raising cane on contract and beginning to permanently reside in Hawaii; that this was "a very good tendency in order to encourage the people to get into independent trade," and "raising cane by contract is a very good opening for the Japanese laborers;" and that if wages of common laborers were increased to, say, $26, it would be more profitable than raising cane by contract, and Japanese, in place of being cane contractors, would become a dependent class of laborers; therefore he opposed the higher-wage movement. "I did not convince him," says Negoro, as he and also Sheba were "opposed in principle to the high-wage movement." After the publication of the first article the "Nippu Jiji continued to publish articles advocating higher wages," and a controversy on the subject was "bitterly waged" between the Shinpo and Jiji. About November 1 the Jiji issued an extra, calling for a conference at the Asahi Theater, which "was the very first meeting of any organized effort on the part of the Japanese," and "the first thing that materialized or took shape of a movement." Negoro thought Tasaka wrote the notice, but was not sure. "Some one of us wrote it." There were 13 or 14 present at the meeting—(no laborers) small merchants and hotel keepers and the defendants Soga, Tasaka, and Negoro. It was proposed at the meeting to bring about a union of the four Japanese newspapers published in Honolulu, being the Shinpo, Jiu, Jiji, and Chronicle. One of the objects of the meeting was to "spread the higher-wage sentiment among Japanese in these islands by and through the efforts and assistance of the newspapers." The next meeting was at Ishi's house, about November 3, called in pursuance of a resolution at the theater meeting to get the newspaper men together, and who were present at Ishi's house as well as all of the defendants. An altercation arose between Sheba and Makino, who came in late, on the ground that the latter was not a newspaper man. Makino presided and proposed a mass meeting of Japanese. A week later a second meeting was held at Ishi's house, at which all the defendants were present, with representatives of the newspapers and of the merchants' association. Nothing further was done for about two weeks "except that the daily, the Nippu Jiji, was continuing to write articles on higher wages," when, about the middle of December, a meeting was called at the Japanese Y. M. C. A. building in Honolulu "with the purpose of coming to a definite plan for pushing this question further." Makino was chairman of the meeting, Negoro secretary, and all of the defendants were present. It was

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stated at this meeting that its purpose was "to consider the ways and method for securing higher wages for Japanese laborers on plantations;" that the name for the organization formed that night, proposed by Negoro, was So Kiu Kishi Kai, meaning "Higher Wage Consummation Association." After the name had been approved, officers were elected. Makino chairman, Negoro secretary, and "Yamashiro, if I remember rightly, treasurer." In Makino's speech he declared that they should get at things in "the spirit of old Japan"—"yamado tomasi" meaning "the spirit that drives everybody away"—no matter who the contestants may be. Whenever the Japanese go into a certain thing with a determined purpose of arriving—accomplishing a certain thing, they use that spirit, that yamado. Negoro says that when the strike was got up "we went there. The laborers formed higher-wage associations, but had no official connection with us," although "we agreed to assist it through." Although, as he claimed, the higher-wage associations throughout the group had no official relations with each other, their formation was in a way "caused by the Honolulu association." At the meeting at the Y. M. C. A. building, the officers—Makino, Negoro, and Yamashiro—were authorized to appoint a committee of 20 other members of the association, Negoro stating that the "way or method or system of securing higher wages was to be left entirely to the discretion" of the committee; Tasaka saying, "We must do our best, and in order to accomplish that purpose we must stick together;" and Makino and Negoro urging that higher wages be secured "regardless of consequences."

The agitation for higher wages was conducted at first as a public-opinion campaign, not only among plantation laborers, but also among the English-speaking residents of the Territory. Its weakness was principally that it was a plea for the Japanese as Japanese, and not for labor as a whole; and therefore the appeal did not inspire lively sympathy among workers of other nationalities, either on the plantations or in outside industries. But the argument of the Japanese Higher Wage Association was well presented, as is indicated by the following copy of its published demands upon the Planters' Association, together with the arguments and the exhibits in support of these demands:

HONOLULU, HAWAII, *January —, 1909.*

Hon. W. O. SMITH,
Secretary Hawaiian Sugar Planters' Association, Honolulu.

SIR: The Higher Wage Association is asking for a raise of wages of the plantation hands to a sum above $22.50 a month, and we beg to state as the grounds thereof the following: We ask for an increased pay for plantation hands, because we think they deserve it and because they are doing the same amount of work, of equal quality, within same space of time, as done by any labor of any other nationality.

The Japanese here are not coolies. They are both here and in Japan equal of any man before the law. The class distinction has been abolished in Japan 50 years ago, and there is no coolie class in Japan,

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though there are laborers. Therefore they deserve the same consideration as any other labor. They are an ambitious, industrious, and frugal people, ambitious to improve their conditions and better their lots and leave their children wiser and richer than themselves.

In asking for an increase of wages, we are not seeking to get control of the plantations. Nothing is further away from our intentions than any such alleged ulterior motive. On the other hand, the demand for higher wages comes from the economic and social progress of the time. The general standard of life in Japan has risen so much that small savings of the laborers—a few hundred dollars, say—no more guarantees an easy life, as used to be 10 or 15 years ago. The general tendency, therefore, among the laborers is to settle here rather than go back to Japan with a small savings. Consequently the number of laborers who send for their wives are increasing, and with increase of the married laborers the number of children are also increasing. And increased social expenditures inevitably follow the formation of family by the laborers. Thus in the recent years the status of plantation laborers has undergone a complete change from a transient to a settled labor, a change which should be welcomed and encouraged by the planters and other well-wishers for the future of Hawaii, because Hawaii is going to have a resident and citizen labor.

The prices of the daily necessities have increased 25 per cent since the present wage schedule has been adopted. The 25 per cent of $18 is $4.50. For the laborers, therefore, to maintain their life as easily and as comfortably as before they must have $22.50 at least. When we further consider the multiplication of churches, chapels, temples, and schools, and the increase of the laborers' dependents, such as their wives and children, all impartial observers will agree that the demand for a wage of $22.50 or more is neither extravagant nor extraordinary.

It is often stated in the papers representing the planters' interests that the general average of wages earned by the Japanese laborers are not less than $20 per month. In answer to this statement we must state that we are not asking for $20 but for $22.50 or more a month, and, that it is not a fact that common laborers, for whom we are demanding higher wages, are earning $20 a month, but the fact is that they are getting only $13 or $14 a month, and this only by laborers of more than average industriousness. The wage schedule at the present time is $18 per month of 26 working days, and the laborer is deducted a day's wages for every day of the month he did not work. Under such circumstances how can a man earn every month $20 or more than that sum? We admit that there are Japanese hands who are getting higher wages than $18. But they are not common laborers. They are lunas, carpenters, and mill hands, and others who are doing work requiring skill, training, and experience. The class of people for whom we are demanding $22.50 a month at least are not those workingmen but unskilled laborers. These unskilled laborers are given only 69 cents a day, and, as experience shows, no one can work more than 20 or 21 days per month on an average throughout the year, their earnings can never exceed $13 or $14 a month. The physiological reasons and the social responsibilities of the laborer render it impossible to work more than that number of days. Such being the case, how can a laborer earn $20 a month? It is not we whom the

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planters are dealing with, but the laborers. And they know how much they are earning every month, and they say that they are not getting more than $13 or $14 per month on an average.

It is sometimes stated by the planters that men doing contract work, such as the cutting of cane, the loading of cane, or those who are raising cane on contract system, are getting $23 or more. We know that there are many evils in connection with the contract system and that there were more failures than successes in the contracts. But granting for the sake of argument that all contracts are beneficial to the Japanese and that they are getting $23, the fact nevertheless remains that not all Japanese are engaged in the raising of cane on the contract system or other piecework and that to engage in those employments they must possess an enterprising spirit and business ability and special physical strength not possessed by ordinary laborers. The earnings of men engaged in those branches of employment can not properly be taken into consideration in the discussion of the wages of common unskilled labor.

Common laborers are getting, and they can get, no more than $13 or $14 per month. With this small income how can they maintain their wives and children decently and properly? How can they provide for their old age, for sickness, and other unfortunate circumstances? The labor is given only a living wage. The living wage for the single laborer and a living wage for a married laborer must be different. The present wage is insufficient even for a single laborer, because the prices of daily necessities have increased. How much more so when we consider the increased responsibilities of the married laborers, whose number is gradually increasing among the Japanese hands on the plantations?

In building up Hawaii's sugar industry, the Japanese have contributed 70 per cent of its labor force. The labor statistics show the following percentage of Japanese labor to the entire labor force of Hawaii who were employed in the upbuilding of Hawaii's sugar industry:

Year.	Per cent.	Year.	Per cent.
1894	69	1901	71
1895	60	1902	74
1896	57	1904	71
1897	50	1905	65
1898	60	1906	64
1900	74	1907	73

The labor which did so much for the upbuilding of Hawaii's only industry is certainly entitled to moderate increase of wages when the prices of daily necessities have advanced and their social and family responsibilities have increased, so as to enable them to maintain their families and their dependents in a decent, respectable manner. The number of women has increased from 17,338 in 1904 to 19,604 in 1907. And as the number of women coming to Hawaii has increased since the beginning of 1908, there will be no less than 21,000 or 22,000 at the present time. This is an increase of some 5,000 women when compared with that of 1904, the year before the present wage schedule was adopted. Large as the number increased is, it is only the beginning—it only shows the tendency of the thing. According to the latest statistics of the Japanese consulate, there are 25,000 to 35,000 unmarried Japanese male population in these Hawaiian Islands, who, if they could, would all send for their wives.

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At the present time there are some 20,000 Japanese children between the ages of 1 to 17 who are dependent upon laborers.

To meet the spiritual and educational wants the Japanese laborers now maintain 59 churches and missions, with 61 ministers and preachers, and of these, fully one-third of its number was added since the present wage schedule was adopted. They have 68 schools, with a teaching force of 80 teachers and assistants. Of this number, 61 per cent was increased since 1904, the year before the present wage schedule was adopted, and 37 per cent since the present wage schedule was adopted.

Of these churches and schools, most of them are, to say the least, very moderate affairs. There is only one temple which cost $20,200 and less than 10 which have cost $6,000. All the rest are buildings of from $600 to $1,000, wherein the laborers worship their God or their Buddha and give their children their education. A large amount of money is needed to build respectable churches and schools as worthy of the name of free labor.

Further, the life in the present quarters given to the Japanese laborers is utterly unfit for married men or for bringing up their children, both from the sanitary and moral points of view. The laborers need money for building their homes.

The planters might say that laborers are sending money home, and that this shows they are saving at the present rate of wages. But we want to say to this that the amount sent to Japan has not increased this five or seven years, though the prices in Japan have increased more than in Hawaii which is 25 per cent. Therefore, the laborers here are not giving as substantial support to their dear ones in Japan as used to give five or seven years ago. In other words, the amount of money sent to Japan has actually diminished in terms of the prices of the daily necessities. Further, we want to submit that the efficiency of Japanese as labor is equal of any, and therefore they are entitled to increase of wages until their wages equal to that given to laborers of other nationalties, both in money, house, and land. And in this connection it is wholly immaterial, if the Japanese laborers are now sending or saving more money than before. If they were millionaires, still they are entitled to demand $22.50 a month and a house and a lot of 1 acre of good land, because they do the same amount of work of equal quality in the same space of time as other laborers who are given $22.50 and an acre of good land and a cottage.

It is a danger to any community to have a large mass of underpaid and underfed laborers. They may not know themselves that they are being wronged, but they will be a ready material which will serve the demagogic purposes of ambitious and unscrupulous men. If the wages be increased to a sum above $22.50, with an acre of good land and a decent cottage to live in, this community will have a contented, intelligent, and substantial resident labor, who can look beyond their own immediate welfare, and give thought to the general welfare of the community. In other words, the increased wages will give Hawaii a middle class of substantial citizens.

We beg to take this opportunity to correct the often reiterated but erroneous view of the planters that the plantation hands themselves are not favoring the increase of their wages. The movement has been on for nearly five months and the laborers in plantations are thoroughly awakened to the fact that they deserve an increase in

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their wages to such a sum as will equal the wages given to the laborers of other nationalities, and that they are doing equal if not more than the laborers who are given $22.50 and land and a cottage. We have many thousands of members who are the plantation laborers. The entire labor of Waimanalo has joined our association, and from Halehaku many hundreds of laborers have joined our association; from Makaweli came a letter under a signature of a man signing his name as the representative of labor, applying that the laborers in that plantation be allowed to join us; and we received from other plantations many earnest and enthusiastic letters. We have many letters and cards of application in which the applicants have affixed their seals, which are considered by the Japanese as equal of their reputation, property, and even life itself. And we further beg to state here that among our members we have many small merchants in and around the plantations, whose customers are Japanese laborers working in plantations. With these facts before you how can you say that the demand for higher wages does not come from the laborers themselves? How can the charge that the movement for higher wages is carried on by irresponsible persons be sustained? Are the laborers irresponsible persons when they demand a higher wages? Are the merchants, who are supplying to the needs of laborers, irresponsible persons when they join in the demand for higher wages for the laborers? Are we irresponsible persons, when we are backed by such strength of real parties in interest? We and our members who have joined our association are laboring under a great disadvantage, and yet we have succeeded in securing such a number of membership. We would suggest to the planters that we and your representatives go among the laborers and personally ask them if they do or do not want their wages raised, giving, of course, in the first place, a guaranty that they will not be fired out if they express their wishes for a higher wages. But no such circuitous way is necessary. Our demand is not unreasonable. We are not thinking what we will do if our request be not heard by the planters. We are trusting to the planters' good sense and sense of justice and equity, and trusting that they will listen to the voice of reason and justice.

In conclusion, we beg to submit that the demand for a higher wages is based upon the following reasons:

1. That the efficiency of Japanese laborers is equal of any labor who are getting higher wages, and that therefore they are entitled to demand equal wages as the labor of other nationalities; and that therefore the demand for an increase to a sum above $22.50 a month is not unreasonable.

2. That the prices of their daily necessities have advanced 25 per cent since the present wages schedule was adopted.

3. That the churches and schools have to be increased in number and that their spiritual and material qualities must be improved.

4. That the true and lasting welfare of Hawaii demands an increase in wages of plantation hands.

5. That the demands for a higher wages is indorsed by all plantation laborers and merchants who sell them their daily necessities.

6. That the Higher Wages Association is actually backed, in its demand for a higher wages, by thousands of laborers themselves and morally by the entire Japanese population in these islands.

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7. That we are appealing to reason and justice of the planters, and that we are not, as alleged by the press, appealing to force or violence.

Such in brief being our position in this higher wages movement, it is respectfully submitted that you will do justice to the demand of labor which we trust is just and equitable.

Very respectfully, yours,

(Signed) FRED K. MAKINO,
Chairman Executive Committee Higher Wages Association.

EXHIBIT A.

Japanese labor and sugar industry.[1]

The following table will show how large a part the Japanese labor has contributed to the building up of the sugar industry of Hawaii:

Years.	Production of sugar.	Number of Japanese labor.	Number of entire labor force.	Per cent of Japanese labor.
1894	153,342	13,884	21,294	69
1895	147,392	11,584	20,120	60
1896	221,784	12,893	23,780	57
1897	260,079	12,068	24,653	50
1898	222,481	.....	.....	.....
1899	272,685	16,786	28,579	60
1900	172,265	25,644	35,987	74
1901	360,038	27,531	39,587	71
1902	355,611	31,029	42,242	74
1903	437,991	.....	.....	.....
1904	367,475	32,000	45,000	71
1905	426,248	28,030	44,949	64
1906	429,213	25,879	41,303	64
1907	440,017	33,498	48,934	72

[1] When differences appear between the figures of this table and the table on p. 687, showing the nationality of plantation laborers, this is due to the fact that such figures, for the same year, are for different months.

EXHIBIT B.

Table showing increase of price.

Article.	1905	1906	1907	1908	Per cent of increase.
Rice:					
Japan	$4.85	$5.10	$5.40	$5.30	12
Hawaiian	3.35	4.40	4.50	4.35	30
Flour	5.35	5.75	5.90	6.15	14
Salt	1.50	1.65	2.00	2.00	33⅓
Soap	2.75	3.15	3.50	3.50	28
Denim	.15	.16½	.18	.17	13⅓
Seaweeds	.25	.30	.30	.30	25
Lard	4.60	5.35	6.25	6.40	40
Canned fish:					
Large can	.10	.12	.13	.13	30
Small can	.13	.13	.14½	.16	28
Hemp oil	5.50	6.00	7.00	7.50	35
Milk	4.75	4.80	5.25	5.40	14
Average increase	.....	.....	.....	.....	25

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EXHIBIT C.

Statistics of children.

The following table will show the number of children and the increasing burden of the laborers in plantations:

Age.	Number of children.
1 to 4 years	8,010
5 to 6 years	2,000
6 to 15 years	4,966
15 to 17 years	2,000
Total, 1 to 17 years	16,976

This table shows in the period between 6 and 15 years ago the birth rate of Japanese was only 500, but that in the last four years it reached 2,000 a year. The latest statistics of birth, according to the official record of the Japanese consulate, is as follows:

1905	2,254
1906	2,226
1907	2,281
1908 to June	1,249
From June to December, estimating at	1,500
Total	9,510

EXHIBIT D.

Statistics of women.

The following table shows the increase of women and the tendency of still further increase:

1904	17,338
1905	18,187
1906	17,200
1907	19,609

This shows an increase of women in four years of some 1,500. And as during the last year more women came to Hawaii than in any previous year, the number of women at the end of last year would not have been less than 21,000, and it may probably have reached 22,000.

These statistics are taken from the official record of the Japanese consulate. According to the same official record, there were 42,082 Japanese male population. Therefore, there still remain 22,473 unmarried men. With the higher standard of living in Japan, the actual increase of women, and the tendency still further to increase, the future will see a rapid increase of married laborers, who must provide for their wives, their children, and for their old age.

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EXHIBIT E.

Statistics of Japanese schools.

Schools are maintained by the Buddhists, Christians, and by the general public, irrespective of religion, which we may call nondenominational.

Maintained by—	Number of schools.	Number of pupils.	Number of teachers.
Buddhists:			
Hongwanji	19	1,667	24
Jodo	8	453	8
Christians:			
Congregational	6	415	10
Methodist	2	122	2
Nondenominational	33	1,974	36
Total	68	4,631	80

Statistics showing the increase of schools by years.

Year.	Increase (number).	Year.	Increase (number).	Year.	Increase. (number)
1895	1	1900	2	1905	8
1896	1	1901	4	1906	7
1897	1	1902	8	1907	11
1898	3	1903	5		
1899	2	1904	17	Total	70

This table shows that the number of schools has more than doubled since 1904, the year before the present wages schedule was adopted; and that since the present schedule was adopted the number of schools have increased by 37 per cent. This is the increased burden of the laborers on account of education of their children. When we consider the future increase of children and the consequent increase of educational expenses, and when we consider also the necessity of improvement in the schoolhouses and the quality of teachers, a far greater expenditure on this account must be looked for and provided for.

EXHIBIT F.

Church statistics.

Increase of the Christian churches and preaching places:

1886	1	1904	2
1887	1	1905	1
1888	1	1905 to 1908	2
1893	1		
1894	7	Total	19
1903	5		

And, besides these, there are 5 churches whose dates of establishment are not known; and, as since 1905, 2 churches had been added, there are 26 Christian churches and worshipping places. Of these,

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those having buildings worthy of the name of churches are only seven, namely:

Japanese church at—

Ewa	1896
Kohala	1896
Hilo	1891
Wailuku	1907
Nuuanu, Honolulu	1888
Makiki, Honolulu	1906
River Street, Honolulu	1905

Other 19 places of worship of Christian God do not have buildings worthy of the name of church. The salaries of the preachers are paid by the Hawaiian board. It goes without saying that the Japanese are ambitious enough that they have better places of worship and that they may build them with their own money, and pay out of their own pockets the salaries the men who minister to them the heavenly manna. This ambition can not be realized at the present rate of wages. Even at the present time the ordinary expense for the maintenance of the churches are borne by the members, which is in the neighborhood of $30 per month. Hitherto their churches were mostly built with the money contributed by their American friends.

EXHIBIT G.

Increase of the Buddhist temples.

There are two sects of Buddhism which are engaged in the evangelical work among the Japanese in Hawaii, viz, Hongwanji and Jodo. The following table will show the increase of their temples by years:

Years.	Hongwanji.	Jodo.	Years.	Hongwanji.	Jodo.
1898	5	1	1904	4	0
1899	2	1	1905	1	5
1900	2	0	1906	1	1
1901	2	1	1907	1	1
1902	3	1			
1903	1	0	Total	22	11

The construction expenses are borne by the Japanese, for the Buddhists do not dare ask the Christians to contribute to the fund for construction of their Buddhist temples.

The total construction expenses of the respective sects are:

The Hongwanji	$87,750
The Jodo	14,000

Of these buildings, the most expensive one cost $20,200, and the least expensive one only $600, and the majority are from $600 to $1,000.

These statistics will show two things:

1. That the laborers' burden is increasing in respect of their religion.

2. That the present place of worship needs a great improvement, if the laborers were to maintain a respectable place of worship, which they deserve.

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EXHIBIT H.

Laborers' life on plantations.

[The Nippu Jiji, Nov. 27, 1908.]

Mr. Fujitani, collector of the Nippu Jiji, relates the following in the Nippu, which he obtained from a responsible Japanese while he was traveling the island of Hawaii on business. The responsible Japanese said in substance:

There is a Japanese woman on this plantation who has been here for 15 years. Her husband is now 48 years old. They have four children. The price of rice alone consumed by this family foots up to $10 a month. This woman has her hands full in caring for the children and the house. Her husband has in Japan an old mother, 73 years of age, to support. This woman once related to him the efforts she is making to make the ends meet. She related with tears in her eyes how difficult it is to get along with only her husband's earnings, especially when the prices of everything are high. She wondered what she would do if her husband should be overtaken by sickness or otherwise be disabled, and she said that her only hope was that the children should grow up so that they may help support the family.

EXHIBIT I.

Laborers' standard of life rising.

[The Nippu Jiji, Dec. 12, 1908.]

When seen, the Rev. E. Imamura, the superintendent of the Hongwanji Evangelical Mission of Hawaii, said:

"I have made a tour around these islands lately, and have found the standard of life of Japanese laborers by no means low. They are consuming beer, whisky, and wine. They also eat fresh fish. This is quite a change as compared with conditions of several years ago. The change is accounted for by the fact that the laborers are gradually becoming resident and settled labor from transient labor, which they were before. Consequently they care more for their health and for the satisfaction of human desires than for saving money. They can not maintain their health and enjoy their life if they were to take such food as they used to take several years ago. The standard of life of Japanese laborers is not inferior to that of other laborers."

EXHIBIT J.

Unsatisfactory state of the laborers' living quarters.

The following is an excerpt from an article written by Mr. Y. Tasaka of the Nippu Jiji, after a trip over the island of Hawaii:

"I went to Honomu and made a call on Mr. Tanimoto, merchant; Mr. Awaya, liquor dealer; Mr. Taniguchi, druggist; and Mr. Morimura, hotel keeper. They informed me that the laborers are all complaining of the uncleanliness of the camps and of the planters' indifference to the laborers' health, and that the laborers are earnestly wishing that the planters improve the camps or build new and more sanitary quarters for laborers to live in. They informed me, also,

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that some of the laborers in that region built their own houses themselves with old timbers which they obtained free from some other person by asking, for the camps were unfit for them to live in. The camps need immediate improvement. Nothing is more urgently needed than that. The present camps are utterly unfit for human habitation, both from the moral and sanitary points of view. The privies are especially objectionable."

EXHIBIT K.

Laborers' balance sheet.

A Honomu laborer writes thus, showing his monthly balance sheet, which appeared in the Nippu Jiji, December 4, 1908:

The average number of days worked in a month is 21, taking the average of the past eight years. This will give, at the rate of $18 per month of 26 working days, a sum of $14.60.

The total average monthly expenditure foots up to $12.50, leaving only $2.10.

The items of expenditure are as follows:

Board	$7.00
Laundry	.75
Tobacco, paper, and matches	1.00
Bath	.25
Rain coat	.55
Rain-coat oil	.15
Oil	.15
Contributions	.25
Shoes and socks	.60
Stamps and stationery	.30
Send-off money, etc	.25
Hat	.08
Hair cutting	.25
Working suits	.75
Total	12.50
Net income per month	2.10

As supplementing these arguments, the following quotations are given from a pamphlet issued at the time, in English and Japanese, entitled "The Higher Wages Question":

"The planters can pay $22.50 to labor of other nationalities than Japanese and Koreans, and they also give them a house and a lot of 1 acre to each family. And, in view of the fact that the $22.50 wages schedule was established with a view of bringing labor to supplant the entire oriental working force, the planters can pay the same amount of wages to us, and the same facilities and advantages in the shape of a house and a lot. This shows conclusively the ability of the planters to pay higher wages.

"When, after the Hawaiian annexation, the prospect was bright and the labor situation was troubled, the planters raised our wages to $25 a month. But they have not hesitated to lower them when they could do it.

"The demand for higher wages is based on the efficiency of our laboring class, viz, (1) the quantity and (2) the quality of the work done by your labors on the plantation. Fair, impartial, and competent witnesses all agree in the conclusion that Japanese in the

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plantation do same amount of work of same quality within same period of time as labor of any nationality. We believe that the planters will also agree in this. The wages is a reward for services done, and a just wage is that which compensates labor to the full value of the service rendered by him. It is an unjust wages to pay the labor less than the real value of the work performed by him. Here we do not propose to discuss whether the planters can afford to pay more than $22.50 a month to ordinary unskilled labor on the plantations, though we are of the opinion that they can pay far more than that sum. Let us take that sum as a just reward for the laborer from Porto Rico and Portugal. If a laborer comes from Japan and he performs the same quantity of work of the same quality within the same period of time as those who hail from the opposite side of the world, what good reason is there to discriminate one as against the other? It is not the color of his skin or hair, or the language he speaks, or manners and customs that grow cane in the field.

"Is the Japanese labor inferior in efficiency as compared with the labor of other nationalities?

"Can they not perform same amount of work of same quality within same period of time as the labor of other nationalities?

"Do you think the standard of living of Japanese in plantation lower than that of labor of other nationalities?

"If lower, would it be any ground for paying less while their efficiency is equal to that of others?

"Will labor of other nationalities do work on the cane contract system?

"Will labor of other nationalities engage in cane loading, cane cutting, and carrying of cane on piecework system?

"Is the fact that by piecework and overtime Japanese are earning extra money any reason for not paying a just, equitable wages to them for their ordinary day's work?"

The plea for higher wages to satisfy cultural needs came, it must be remembered, from Japanese of the cultured class rather than from laborers; but this does not signify that the field hands themselves did not feel this need and were not fairly represented in the appeals of their leaders. Speaking of churches and schools, the editor of the pamphlet just quoted continues:

"These institutions are not unnecessary luxuries. They are just as important as bread and butter in the life of man. * * * These institutions will give the planters an intelligent, conscientious, and God-fearing labor, instead of lazy, unscrupulous, selfish, and savage labor. The Japanese maintain at the present time 59 churches and missions, with 61 ministers and preachers. Of these, 33 are of Buddhist denominations and 26 Christian. These places of worship have remarkably increased in recent years. Down to 1903 there were only 11 Christian missions, but since that year 10 were added. The Buddhist missions are only of recent growth. The first mission was established in 1898, and within the last 10 years they have maintained only 23 chapels, but since then they have added 10 more. The Christians do not bear, as a general rule, the expenses of constructing a church or preaching place, they bearing only the ordinary expenses in maintaining the establishment, which is between $30 and $50 per month for

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one place. But the Buddhists bear all expenses themselves. In the construction of their churches and places of worship the Buddhists have expended some hundred thousand dollars, and they are bearing current expenses of some $50 per month in average in each place. With the increase of women and children, these churches and chapels have to be enlarged in capacity and increased manyfold in number and improved in quality. These items of labor's expenditure were not included in the determination of original wages schedule, and as the present one is based upon the original wages schedule suited to contract laborers, they are entirely new burdens of laborers for which no provision was made. Religion relates to the relation between God and man, and is, in one sense, a private matter. But no Christian employer can be blind to the religious demands of his employees. The present and prospective needs for adequate and decent places of worship for the plantation's labor are something which should be provided for in determining the wages of the laborers.

"As to the schools, the Japanese now maintain 68 schools, with teaching force of 80. They are both denominational and nondenominational. These schools now have 4,631 pupils. Taking annual expense in teaching one pupil in these schools at $15, the Japanese laborers are now bearing a burden of $70,000 per annum for education of their children. These schools, like their churches and Buddhist temples, must be improved, enlarged, and increased in the very near future. This is absolutely necessary in view of the rapid increase of children and also of the necessity to raise the standard of life of the labors in plantation.

"Schools were established only in recent years. The first school was established in 1895, and until 1904 their growth was slow, and in 1903 there were only 27. The year 1904, the year immediately preceding the adoption of the present wage schedule, was a great school year, the number of schools established being 17. Since that year 26 more have been added. Therefore, since the new wages schedule was adopted the educational burden of Japanese laborers has more than doubled."

It should be borne in mind by the American reader that the schools here mentioned are national schools, conducted in the Japanese language, for the purpose of educating children in the literature, history, and religion of Japan. These schools are supported by the laborers themselves, and have no relation with the public-school system of the Territory. Most Japanese children attend both the public schools and these privately supported schools, the hours of the latter being so arranged as to allow this double attendance.

Continuing from this argument, the authors of the higher-wage pamphlet conclude:

"The beneficiary of the higher wages is not the laborer alone. The planters themselves will be the gainers thereby no less than the laborers themselves. It is a fact that the laborers have made up their minds to stay here and to join their destiny with that of Hawaii. The formation of family, the establishment of schools and churches are the strongest evidences of this fact. The planters have resident laborers now. Unless forcibly driven out, the Japanese will stick to

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the soil of Hawaii, and they will be helpful servants of capitalists of Hawaii. It is in the power of laborers to so adjust their labor as to suit the price paid them. Should the just demand be rejected, and the labor be housed in the present dirty, insanitary, incommodious barracks, suited only for pigs to live in, and a paltry wage of 69 cents a day be continued to be paid, they may not strike (by the way, President Roosevelt and President-elect Taft upholds as legal and just the strike by labor for higher wages), but they will not work as faithful and devoted servants would. What is the result? It will be the less sugar, and the condition of labor remain unchanged in the present unsatisfactory, pitiable, and deplorable condition; and the present undemocratic, un-American condition of Hawaii, that of plutocrats and coolie, will be perpetuated. This is an injury to the planters, to the laborers, and to Hawaii in general. If, on the other hand, the wages be increased, the laborers would work more industriously; they would become more devoted to their employers and more faithful for the work to which they are assigned. There will be a truly brotherly and neighborly feeling between the employer and the employee, and Hawaii will enjoy perpetual peace and prosperity, with increased production of sugar and more contented. Hawaii will have, not in a very distant future, a thriving and contented middle class—the realization of the high ideal of Americanism.

"The demand for higher wages for plantation hands, therefore, is not the outgrowth of a mere selfish, egotistic nationalism of Japanese in these islands. It is the demand of new Hawaii—Hawaii with a middle class of wise, intelligent, faithful, devoted, and God-fearing laborers and citizens."

These general demands and appeals were followed by more specific demands, made in the first instance upon the managers of Honolulu and of Oahu plantations, two of the largest in the Territory and situated nearest to Honolulu itself. The movement logically began here, as these laborers were easily accessible from the city, where the leaders and originators of the Higher Wage Association resided. Moreover, it is claimed by the laborers, there were some special grievances on these plantations that made a strike more popular than it might have been elsewhere. These specific demands were actually laid before the managers after the men ceased work, or at the time the strike began, and had not been submitted and negotiated upon before the strike was called. In case of the two plantations mentioned, the letters containing these demands of the strikers differed only in matters of detail, and both contained identical paragraphs virtually repeating the claims and arguments already quoted from the propaganda literature of the association. The demands at Honolulu plantation were in substance that (*a*) the rate of pay of field hands, overseers, mule men, and mill hands be increased $8 a month, with double pay for Sundays; (*b*) that piecework rates be increased proportionably; (*c*) that cane loaders and carriers working by the piece have the right to station a checkweigher at the scales; (*d*) that houses and general camp conditions be improved; (*e*) that the work train be

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promptly on hand at the close of the working-day to take laborers home from the field; (*f*) that a committee of the men be allowed to consider the reasons for the discharge of any Japanese employee.

At the risk of some repetition, the strikers' letter to the manager of Oahu plantation is quoted in full:

WAIPAHU, CITY AND COUNTY OF HONOLULU,
May 12, 1909.

Mr. E. K. BULL,
Manager Oahu Sugar Co., Waipahu.

DEAR SIR: We have the pleasure to express our keen appreciation of your past kindness and favor, and it is particularly pleasing to us to recollect that we have taken a part in the development of the Oahu Sugar Co., thereby not only contributing to the upbuilding of the splendid and prosperous plantation of which you are manager, but also contributing our part in the upbuilding of the Territory of Hawaii in its economic progress. It shall be our fondest and most cherished hope to continue to help the development and progress of your plantation, and through it that of this Territory, the outpost of the American civilization and its power and majesty—the meeting place of the East and the West.

While we thus look back upon the past with pleasure and pride, and look forward with hope and enthusiasm, the progress of the time has brought about many and varied changes necessitating an enormous increase of expenditures, which can not be met with the present scanty wages. Therefore it has become our painful burden to hereby respectfully present to you our request for reasonable increase of wages.

The following are our requests:

1. That the wages of the common field hands, the lunas, the mule men, and all other kinds of laborers, except the mill hands, be increased by $8 per month of 26 working days; provided, however, that the wages for one Sunday's work be paid at the rate of two days' work of the secular week days.

2. (*a*) That the wages of mill hands of all kinds be increased by $10.50 per month; and

(*b*) That the hours of labor be limited to 10 hours, and the hours worked beyond that be considered as overtime and be paid at 15 cents per hour of the overtime.

(*c*) That the work on Sundays be paid double that of the secular week-day's work.

3. (*a*) That the wages of the cane carriers be increased by 10 cents per ton of cane carried;

(*b*) That the wages of the cane cutters be increased by 10 cents per ton;

(*c*) That the price of cane raised on contract be increased to $1.35 per ton;

(*d*) That the rail men's hours of labor be limited to 10 hours and the hours worked beyond that limit be considered as overtime and be paid 15 cents per hour of the overtime.

For reasons in making this request, we have the pleasure to refer you to the accompanying statement of reasons.

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Trusting to your kindness and generosity, and hoping that our request herein be granted, we have the pleasure to be, sir, your obedient servants,

Representative,

(Signed) WATANABE.
SHIGETA.
HAMADA.
MIYAUCHI.
SEO.
TAKEYAMA.

(Besides this, 86 men.)

(Copy.)

Statement of reasons.

We beg to state the reasons for the foregoing requests, as follows:

(1) The prices of daily necessities have increased remarkably 10 years since. From the reliable source we hear that the price is more than doubled in average. Since the present wages schedule has been adopted, the general price has advanced by 25 per cent. And we are all feeling the pinch of the increased price. It is very difficult to maintain ourselves now at 69 cents a day wages than it was five years ago.

(2) The increased price is not confined to Hawaii, but it is the general tendency of the world, including Japan. The standard of life in Japan has risen more than in any other place. Ten years ago Japanese laborers who saved a few hundred dollars could maintain their families in comfort for the remainder of life in Japan. But now things have changed, and few hundred dollars will not suffice to keep them for two years. Therefore we have decided to permanently settle here, to incorporate ourselves with the body politique of Hawaii—to unite our destiny with that of Hawaii, sharing the prosperity and adversity of Hawaii with other citizens of Hawaii. Many have family to maintain, children to educate; and most of us will have to not in very far distant future. And as we are gradually becoming settled laborers, various social relations have sprung up, educational and religious institutions are growing up. We must, besides maintaining and educating our families and our children, keep up social intercourse, contribute to the fund for the building and maintaining of schools, churches, and temples, and also contribute to assist the poor, needy sick, or maimed persons. The present wages of 69 cents a day is utterly insufficient for these purposes.

Further, as the result of high standards of life in Japan now prevailing, we must send more than twice the sum which was sent few years ago. We are not giving sufficient support to our aged mothers and young sisters. Most of us at present time who make a small remittance to Japan are not sending the savings of wages, but it is the money obtained by borrowing scheme, generally known as Tanomoshi. Such being the consequences upon our condition of high price and high standard of life here and in Japan, nothing can be saved to provide for our old age or for the time of sickness or other accidents. This is true both for the married and unmarried, but the stress is more keenly felt by the married men. The wives of the family with

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three or four children can not help their husbands increase the income of the family. Their time is entirely for the care of the house and the children. Should the husband become sick or otherwise disabled and laid up for a day or any number of days, the family income is diminished proportionably, bringing direct distress upon the family—the helpless wife and the children. Not only that, the savings, if there were any, will all be absorbed in the payment of the doctor's bill, and if the sickness or accident should continue for any length of time the bills of doctor and merchants will pile up, which is impossible to pay off for a year or two.

This statement alone, we beg to respectfully submit, is sufficient to move your Christian generosity, and recognize the justness and reasonableness of our request, and assist us by granting this our request.

(3) For further reason, we beg leave to state that our efficiency as laborers is not inferior to laborers of other nationalities who are now being paid wages higher than ourselves. To take the example of the ordinary field hands, the laborers of other nationalities are being paid $22.50 per month, and, besides, they are given a cottage for each married couple and 1 acre of good land. It is elementary in economics that wages are regulated by the efficiency of laborers working under identical or substantial similar conditions. If so, we are entitled to $22.50 and a cottage and 1 acre of good land, or the value thereof. We have the pleasure to presume that you will recognize our efficiency and do justice to our claim of equality of efficiency.

Not only from the economic viewpoint, the moral sense will compel you to give us equality of wages and equality of treatment. Is it not a matter of simple justice, and moral duty to give same wages and same treatment to laborers of equal efficiency, irrespective of race, color, creed, nationality, or previous condition of servitude? It is respectfully submitted that it is most unjust to discriminate one from the other and pay one laborer $22.50 and give a cottage and land besides, and pay another only $18 and nothing else.

We respectfully submit that both by the economic and moral principles we are fully entitled to an increase of wages. For further reasons and statistical basis of our claim we beg to refer you to a copy of demand for higher wages presented to Mr. W. O. Smith, secretary, of Planters' Association, by the Higher Wage Association, a copy of which we trust is already in your hands.

(4) As for our request for the double pay for Sunday's work, we beg to state simply that this is only proper. On the mainland this is the common usage, and even here, the workers on the wharves and docks are being paid double on Sundays. Sunday is the day particularly set apart by the divine injunction for the rest of body and soul, and this rest of one day in a week is essential for recuperation for the laborers in the cane field. Anyone who should forego this welcome chance for rest and recuperation is certainly entitled to a special treatment. In asking double pay for Sunday work, we are not asking any unusual or unreasonable thing. We trust that you will see the justice of this request and grant this along with the other requests.

(5) The cane carriers' reasons for their request for the increase of 10 cents per ton are the same as those stated for the general increase of wages. Further, however, we beg to state that formerly the wages

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paid for a ton of cane carried was 27½ cents, but it was gradually decreased until it is now 17½ cents. The laborers are now doing the same amount of work and that as good quality as before, and, besides, the prices of daily necessities and other social expenses have increased.

(6) The cane cutters, also, ask for an increase of 10 cents per ton of cane cut. The basis of the cane cutters asking for an increase is that in determining their wages the wages of the ordinary field hands was taken as the standard, which was, and still is, too low. With the general readjustment of wages, we beg that you will readjust ours also.

(7) The cane growers on contract have been, and are working harder than any other laborers, thereby economizing the number of laborers by about one-third. But it is a well-known fact that most of us fail. When, however, we fail we are being paid at the rate of lowest wages, to wit, at the rate of $18 per month. The fault lies in the system, and that fault is the cheapness of the cane, which the plantation pays the contractors. The increase to $1.35 per ton will, we suppose, be reasonable compensation for our special care and extra labor expended in the raising of cane on contract, and, at the same time, the plantation will lose nothing thereby.

(8) The rail men request that their hours of labor be fixed at 10 hours a day. Hitherto they have been subjected to work any number of hours. This, we believe, is unreasonable. There must be some limit to the number of hours for a day's work. And that limit is commonly 10 hours. It is, therefore, requested that the rail mens' hours of labor be limited to 10 hours a day, and the hours worked beyond this limit, be considered as overtime and be paid at the rate of 15 cents per hour.

(9) The mill hands, also, request that their wages be increased by $8 per month of 26 working days. Besides, we request that the hours be limited to 10 hours, and if worked beyond that limit, they be paid at the rate of 15 cents per hour for the overtime. It is not necessary to dilate upon this point for we have already presented to you a lengthy statement of reasons for advance of wages for millmen. Though as to the points of amount of increase and the hours of labor there are differences between this request and that, the reasons are the same. Therefore, we beg to refer you to that document for a further and fuller statement of grounds for this request. But we will repeat here that the work requiring skill and experience be paid more than common unskilled laborer.

In closing, we beg leave to avail of this opportunity to express our deepest and sincerest respect to you and to thank you again for your kindness in the past.

Hoping that you will consider our request and the reasons therefor, with utmost good faith and fairness, and that our request embodied in the foregoing, be speedily granted, we have the honor to be, sir, your obedient servants,

Representative,
(Signed) WATANABE.
SHIGETA.
HAMADA.
MIYAUCHI.
SEO.
TAKEYAMA.

(Besides this 86 men.)

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The history of the strike itself is sketched in the following account, prepared for this report by Mr. Y. Mikami, a Japanese journalist of Honolulu:

The question of higher wages for Japanese laborers in sugar plantations dates back to September, 1908. In its early stage it was merely a discussion among newspapers in these islands, but gradually the controversy took hold of the people. The Daily Nippu Jiji, which afterwards became the organ of the Higher Wage Association, represented radical ideas among the Japanese community, while Hawaii Shinpo, and Hawaiian-Japanese Daily Chronicle advocated peaceful methods of getting higher wages for their countrymen. Nippu attacked Shinpo and other conservative papers as opponents of higher wages and called them traitors to the Japanese residents in Hawaii. Shinpo and its colleagues counterattacked Nippu as a body of agitators and peace disturbers. Nippu's attack on Shinpo made a hit among laborers, and its circulation rapidly increased. On the other hand Shinpo lost a big list of its subscribers. Thus, violent attacks and counterattacks followed between radicals and conservatives. Eleven Japanese newspapers published in Hawaiian Islands during the labor trouble were to be divided in two sides according to their policies, one radical, other conservative.

Radicals:
- Daily Nippu Jiji, Honolulu.
- Maui Shimbun, Wailuku.
- Shokumin Shinbun, Hilo.
- Kona Echo, Holualoa, Hawaii.
- Oahu Jiho, Waikahu.

Conservatives:
- Hawaii Shinpo, Honolulu.
- Hawaiian-Japanese Daily Chronicle, Honolulu.
- Kauai Shinpo, Lihue.
- Hilo Shinpo, Hilo.
- Kainan Shinpo, Hilo.
- Maui Hochi, Waihiken.

In the middle of December, 1908, Higher Wage Association was formed with following officers: A president, treasurer, secretary, and two auditors.

The association, with Nippu as its organ, started an active campaign, sending its delegates to the Oahu plantations to urge laborers to strike for the higher wages, and at the same time its officers and members commenced soliciting strike funds. At this time, mass meeting after mass meeting followed; heated language of campaigners and of Nippu incited ignorant classes of people; situation seemed to be critical. On December 19, 1908, Higher Wage Association addressed a letter to Hawaiian Sugar Planters' Association, requesting the increase of wages for Japanese laborers in various plantations, but planters paid no attention to the request.

On January 5, 1909, S. Sheba, editor of Hawaii Shinpo, and Y. Kimura, editor of Chronicle, called on W. O. Smith, secretary of Hawaiian Planters' Association, and expressed their opinions about the situation. Smith promised them that he would refer their advice in the directors' meeting. On January 13, directors' meeting was held, but the result of the meeting was unknown. It was, however, believed that the planters favored the proposition of conservatives.

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Hawaii Shinpo's attitude over the situation is explained in an English article which appeared in Shinpo on February 7, 1909. The article is quoted here in full:

"*The issue.*

"The present controversy between the Japanese papers has no bearing upon the fundamental question of whether or not higher wages should be paid to Japanese laborers. We are all one for higher wages. Natural it is that there is no dissenting voice on the question itself, for we believe that there exist apparently good reasons why the planters can afford to pay more wages.

"However, we differ widely from the Nippu Jiji and the gentlemen at present engaged in the higher-wage agitation, in that their methods are far from claiming our sympathy and cooperation. It is well to advance our ideas in any matter in a proper and peaceful manner. Our privilege of free speech can never be taken away from us, but when a discussion of an economic question which should be dealt with with a sufficient sense of carefulness and with the spirit of conciliation is turned into the means of senseless agitation among the laboring class, antagonism toward the citizens, and affront to those who differ in their free thought no responsible men will help their cause.

"We have not seen unjust treatment, on the whole, from the planters, as claimed by our opponents. They are men of affairs and gentlemen who will listen to reason. If we approach them in a fair spirit and in proper way, the question which is now disturbing the community might have been settled peacefully and everybody made contented. Very unfortunately another course has been adopted by those who profess themselves to be the friends of the laborers and martyrs of the cause.

"It will not be out of place here, for the information of foreigners, to dwell briefly upon the history of this question. Early in August last year a writer in the Chronicle discussed this question in an academic way. He showed from careful observance how much the Japanese of Hawaii are paying annually into the treasury of the Territory, as well as of the Federal Government, in customs duties and taxes. He showed in his carefully prepared statistics that each Japanese resident of the Territory is paying about $50 a year, and that the actual income of an average laborer working at the minimum rate of wages is but $13 instead of $18.

"This interesting article was translated in our English page at the time and attracted the attention of some careful observers.

"If there should be any glory for the man who first brought this question into public notice, it must be given to the writer in the Chronicle, Mr. G. Shimada, who is now ridiculed by the Nippu Jiji as a traitor and a spy for his conservatism.

"Then it happened that Mr. Tasaka, who was then traveling on Maui as a representative of the Nippu Jiji, saw his chance to swell his list of subscribers; and upon his return the Nippu Jiji, in a very radical way, began its campaign for higher wages.

"About this time Mr. G. Negoro, who just then came back from California, contributed to the Shinpo an article advocating higher wages, but it was not published because his argument was radical

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and would have been an unnecessary affront to all employers of Japanese laborers.

"On principle the Shinpo encourages industrial conciliation, and though we favored the proposition of higher wages we thought it entirely against our principle to seek to antagonize our laborers—who were apparently contented—against their employers.

"The Nippu Jiji, in the meantime, began a campaign which was thought to bring about the same result as that which Mr. Negoro proposed. Then the Shinpo's interviews with the representatives of the Hawaiian Sugar Planters' Association, which were published to give both sides of the question, were attacked as being something meant to obstruct the cause of higher wages.

"The Chronicle, which was no participant in the discussion up to then, saw the mischief of the agitation carried on by the Nippu Jiji, and joined with the Shinpo. The paper afterwards became a strong advocate of peaceful methods for the solution of the question.

"It must be noted here, for the better understanding of our attitude by the white critics, that about a year and half ago the representatives of the Japanese papers held a conference, in which it was agreed that any antipathy between the different papers that existed should be wiped out and all should join hands in the upbuilding of a peaceful and harmonious Japanese community—the state in which alone we can advance the prosperity and welfare of the resident Japanese and contribute to the progress of the Territory. As consequences of the peace and harmony that prevailed among us a better spirit was shown in different enterprises; a further step toward our assimilation with other races became possible; a very happy and enthusiastic reception was tendered to the fleet. We were one in advancing our interests in a peaceful manner.

"Why could we not now join hands in advancing the interests of our laboring class? Indeed, it came about during the beginning of the present controversy that some responsible gentlemen made an attempt at conciliation. The representatives of the papers met and discussed the matter at issue, and more peaceful methods were agreed upon. While deliberate consultations were being carried on the Nippu's restlessness again broke the harmony. The paper was jealous to secure the credit which it tried to claim from the laboring class.

"The paper again resumed its first attitude and began a vigorous agitation, which was very much resented by the Chronicle and the Shinpo.

"The Nippu saw the chance of its life, for the higher-wage agitation became very popular among the plantation laborers.

"It began with vehement attacks upon the Chronicle and the Shinpo, which remained conservative; called their opponents dogs, pigs, spies, and what not. The conservative elements were termed right through as traitors and wretches. Mr. Fred Makino became the president and Mr. G. Negoro the secretary of the association. A so-called higher-wage drama was proposed to ridicule the editors of the Shinpo and the Chronicle. It was, indeed, purposed to incite the less-informed class of our community. The Higher Wage Association at last joined hands with the thugs and blackmailers. A most deplorable situation was brought about and still exists. This is what the Chronicle and Shinpo most strongly resent.

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"Mr. Shiozawa, the first proprietor of the Shinpo, bears in his forehead a wound which testifies to his brave fight to suppress the then powerful rule of the Japanese secret societies of loafers and blackmailers.

"If any encouragement be given to them now, the rule of the blackmailers would be easily reestablished, to the menace of the law-abiding Japanese and the citizen in general. The combination of a newspaper with these elements is deplorable, and should never be allowed. Against this is the fight now waged—a fight which should receive cooperation from the general community.

"The question of higher wages is an economic question pure and simple, and should be dealt with with a proper sense of respectability and corresponding responsibility.

"We are afraid if the present agitation is kept up into any further length real anarchism will prevail among the less thinking classes and the new spirit among us of conciliation and assimilation with the American people will come to an end.

"The charges of spying for the white people or receiving subsidy from the planters are too ridiculous to be specifically answered."

* * * * * * *

The strenuous campaign of the higher-wage leaders resulted in bringing about a strike, followed by many other strikes, when 1,500 laborers of Aiea Plantation struck on the 9th of May, 1909. Aiea strikers claimed $1 a day for common laborers and $1.50 a day for mill hands. Eighty mill hands of Waipahu Plantation struck on May 10, and all the rest of the laborers in that plantation quit work on May 12. Strike sympathizers in Honolulu held a mass meeting on the 11th of May and passed a resolution supporting the attitude of the Higher Wage Association. Manager Ross, of Aiea Plantation, issued a notice to the striking Japanese ordering them to leave the plantation camps by noon of May 22. Manager Bull, of Waipahu, did the same. Four hundred laborers of Kahuku Plantation struck on May 21. Waianae laborers struck on May 20. Three thousand of Ewa laborers struck on May 23, but they returned to work the 25th by the advice of leading Japanese merchants and priests.

On May 23 the Japanese Merchant Association held a meeting and passed a resolution advising laborers to return to work. The reason given was that the strike would upset the economic condition of Japanese in the islands. Waipahu, Aiea, and Kahuku strikers left their quarters and many were coming into Honolulu, and by the 24th of May about 3,500 strikers were taken care of by the higher-wage associations. On May 25 the consul general, Uyeno, issued a proclamation urging the strikers to return to work peacefully, because he believed that the higher-wage question could be settled more satisfactorily in a way other than a strike. In the directors' meeting of Hawaiian Sugar Planters' Association, on the 27th, a resolution was passed to the effect that the association would not grant the request of strikers as long as the strike lasted. Waiahia laborers also struck and some of them came to town to be cared for.

Editor Soga of Nippu Jiji and reporters Tasaka and Kawamura, together with the officers Makino, Negoro, and Yamashiro, were arrested by High Sheriff Henry on June 10, 1909. Early next morning authorities made searches in the residences of Makino, Negoro,

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and Yamashiro, and seized some papers. They were arrested many times afterwards on different charges of conspiracy and as dangerous persons. On June 30 about 5,000 strikers and their families were in town receiving shelter and food from the Higher Wage Association. It was estimated that the Higher Wage Association spent $600 for food a day for strikers. Situation unchanged for some time. Plantations employed Chinese, Hawaiians, Portuguese, and Koreans as strike breakers, and paid $1.50 a day. By the middle of July the strike fund began to be short and there was very little hope of raising more funds. Higher-wage leaders were very busy to defend themselves in the court. Strikers began to return to work in fives and tens, and by the end of August nearly all of the strikers returned to their old quarters to work. On August 22, 1909, Makino, Negoro, Soga, and Tasaka were found guilty of conspiracy and sentenced to 10 months' imprisonment and $300 fine each. They appealed, but the Supreme Court of Hawaii upheld the decision given by the circuit court. They are now serving their terms in Oahu Jail. The fund collected by the Higher Wage Association during the strike amounted to $42,000.

On October 11 representatives of Hawaii Shinpo, Kauai Shinpo, Hilo Shinpo, Maui Hochi, Kainan Shinpo, and the Hawaiian-Japanese Chronicle held a meeting and discussed the betterment of labor conditions. At this meeting the following resolution was adopted and transmitted to the Planters' Association:

"We, the Japanese representatives of the Japanese newspapers published in each island within the Territory of Hawaii, assembled in the city of Honolulu, pass, this day, the following resolutions in the hope of advancing the interests of the Japanese laborers. Therefore be it

"*Resolved*, That we believe, to our regret, that the good reputation of our countrymen residing in the Territory of Hawaii has been impaired through the labor agitation caused and led by a few irresponsible men who styled themselves the leaders of the Higher Wage Association.

"*Resolved*, That we denounce the action of the Higher Wage Association because, whereas, with a tempting bait of higher wages, they have collected from laborers over $30,000, that amount being either spent in vain or improperly appropriated, and because they yet engage agents on commission to collect more money from innocent laborers under different pretenses.

"*Resolved*, That we consider it unjust and dishonorable to tax innocent laborers on mere promises of good returns which have not been fulfilled and which will never materialize to the benefit of the laborers. We further condemn such actions as being nothing less than a pure fraud. Therefore be it

"*Resolved*, That we, as publicists, and true friends of the Japanese laborers, denounce the action of the agitators as most irresponsible and as detrimental to the good reputation and to the material prosperity of our laboring class as unbecoming and undesirable actions for Japanese who reside in, and receive protection from, the United States of America, with which nation our Empire is on most friendly terms. We strongly protest against the methods of the agitators as

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unbecoming to law-abiding citizens and dishonorable to the name of the subjects of Japan. Therefore be it

"*Resolved*, That we will advise our countrymen against the dictates of the agitators, and will protect our laborers from the lawless demonstrations of these people in order to restore the well-earned good reputation of our countrymen already imperiled by the foolish agitation. We shall aspire to restore the good feeling between the laborers and the planters and to encourage the spirit of cooperation and conciliation among all the races that commingle in harmony in the Paradise of the Pacific.

"*Resolved*, That we are unanimous in our sincere hope that the income of our laboring class will become larger, and as the best means of solution for the present labor question we will encourage contract work on the plantations. In its principle and actual working this system is preferable for and most advantageous to our laborers. We believe that there ought to be proper and adequate remuneration for efficient performance of work and that contract work best suits the Japanese laborers. We, as a body, shall encourage the contract system and work for the perfection of that system.

"*Resolved*, That we will encourage contract work among our countrymen, and sincerely hope that the planters will cooperate with us in giving out contract work to the Japanese laborers as far as practicable and in better terms than hitherto existing, so that the contractors will receive an adequate return for their work.

"*Resolved*, That we, as a body, believe that all contract agreements should be made in written form with proper Japanese translations attached, so that there can be no misunderstanding arise between contractors and the planters in regard to price, weight, or other conditions. We believe that the spirit of trust based upon a thorough mutual understanding is essential for the performance of good work, and believe that laborers and employers should honestly strive to deal squarely with each other according to the written terms of the agreement entered upon.

"*Resolved*, That as to those who are employed in a work that can not be given out on contract, such as the work in the mill, etc., we hope sincerely that some readjustment of the wage scale will be made before long, so that their income may be proportionately increased with that of the contractors.

"*Resolved*, That we will advise our countrymen to wait patiently and continue in the faithful performance of their work. We will advise them at all times to refrain from rash and thoughtless actions.

"*Resolved*, That there shall be no collections of money from laborers for any fund or expenses, but we pledge ourselves that in a proper, peaceful manner, in a conciliatory spirit, and in an honest way, we shall do our duty for the advancement of the mutual prosperity of the planters and the Japanese laborers.

"*Resolved*, That it is our earnest and sincere wish that our expectations will be smoothly carried out into realization, so that there will be no chance for any repetition of the agitation into which our innocent laborers were led and used as mere tools for the selfish purpose of agitators.

"*Resolved*, That a copy of this resolution in the English language be mailed to the Hawaiian Sugar Planters' Association for their kind

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consideration and another copy to Consul General Uyeno, asking for his moral support. Be it also

"*Resolved*, That a representative be sent to wait upon members of the Hawaiian Sugar Planters' Association to present to them our views.

(Signed) "HAWAII SHINPO, Honolulu.
"HAWAIIAN-JAPANESE DAILY CHRONICLE, Honolulu.
"KAINAN SHINPO, Hilo, Hawaii.
"HILO SHINPO, Hilo, Hawaii.
"MAUI HOCHI, Wailuku, Maui.
"KAUAI SHINPO, Lihue, Kauai."

The following letter explains the attitude of the Planters' Association toward Japanese papers representing the conservative side:

"HONOLULU, HAWAII, *November 29, 1909*.

"Mr. S. SHEBA, *City*.

"DEAR SIR: Your communication of the 17th instant, together with a copy of resolutions passed by the representatives of six principal Japanese newspapers of the Territory, relating to the compensation of Japanese laborers, was presented at the annual meeting of the Hawaiian Sugar Planters' Association.

"The communications and resolutions received the respectful consideration of association, and finally the whole matter was referred to the trustees of the association.

"The trustees have given careful consideration to the subject of the compensation of laborers of the sugar planters, and this day took action in regard to the matter, and inclosed herewith you will find a copy of the statement which gives the general results which were arrived at.

"Yours, respectfully,

"W. O. SMITH,
"*Secretary, Hawaiian Sugar Planters' Association*."

Statement of Planters' Association.

At a meeting of the trustees of the Sugar Planters' Association which was held this morning (Nov. 29, 1909) the following agreement was come to as regards labor and wages:

"In the matter of plantation wage rate, the trustees of the Hawaiian Sugar Planters' Association have adopted a policy which it is believed will be generally followed by the plantations, subject to revision or change according to circumstances. It is intended that the laborers shall be paid, so far as practicable, according to services rendered, and to this end, that there shall be as great an extension of the contract system as may be feasible, and that the basis of compensation shall be such as to afford the contractors an opportunity to earn not less than $22 per month for 26 days' work.

"Such of the laborers as are on a day wage basis of $20 per month and under are to be paid a bonus at the end of the year. The bonus is to be paid to all such laborers who for 12 months average 20 days and more per month; those who average 26 days to receive $24; those who work less than 26 days, but average 20 days and more, to receive a proportionate amount of said bonus.

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"Provision will be made that if the laborer is incapacitated by sickness, or excused for other cause by the employer, he shall not thereby forfeit the whole of the bonus but shall receive a proportionate part of the bonus for the number of days work performed.

"In case where some of the laborers are part of the time under contracts and part of the time working on a day wage basis, they shall be entitled to a pro rata of the bonus while working as day hands.

"Laborers, whether contractors or day men will continue to be furnished, free of charge, with house, water, fuel, and medical attendance."

Conservatives claim that this victory is due to their efforts; while radicals are not satisfied with the bonus system and still insist that this change in wage scale is due to the strike and the hard fight on their part.

That this settlement followed lines advocated or suggested by the conservative Japanese newspapers is indicated by its conforming with the policy earlier outlined by them. The Hawaii Shinpo had previously discussed the situation.

Labor can be satisfied and made permanent.

Apropos of sentiments expressed in this paper recently that the plantations would be doing something to make permanent their labor supply if they turned over the plantation stores to the Japanese to run on a cooperative system, statements have been made by the managements of some of the plantations interested that their stores are not run on profit-making plans, but maintained for the purpose of allowing their employees to get supplies cheaply and conveniently. We give full credence to the statements, believing that on some of the plantations such is the system. On the other hand, we know that some of the plantation stores are run at a good profit.

There is no disposition to object to any business being run at a profit; but, in the case of the plantation stores, we believe that the ultimate profit to the plantations would be greater if they allowed the store patrons to share the profits among themselves. The Japanese laborers reason among themselves that the profits at the stores are large, this reasoning being partly due, we believe, to the lack of knowledge many of them have of commercial business, not realizing that there are charges to be made against a business other than the first cost of the goods and the freight. But when the Japanese note that in some cases the plantation store has a monopoly and that other competing stores are not allowed on the plantation, they jump to the conclusion that great profits are being made out of them. This is one of the things the laborers consider they have as a grievance.

If those plantations which are not running their stores for profit would turn them over to 'huis' made up from among their own laborers, the conveniences of a plantation store could be had by the laborers in the same way as now, while the burden of conducting the store would be taken off the plantation. Such a move, too, would set the example to those plantations which do not run their stores solely for the convenience of their laborers.

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To the plantation the store profits are insignificant, to the laborer they are much; while foregoing these small profits the plantation would be removing one of the causes of complaint the laborers feel they have against their employers. The plantation would gain in the long run.

The Shinpo desires to point this out to the plantation managements. It is absolutely beyond question that the laborers feel that they are every day getting into a stronger position from which to exact terms for their own betterment. This is not said in a desire to be in the least sensational, nor is it in any way to be looked upon or construed as a threat. It is a simple statement of facts, plain to anyone who has any knowledge of the sentiment crystallizing among the Japanese laborers of Hawaii. The laborers themselves desire to make no threats and no extravagant demands, but are simply figuring the supply of labor in sight and sizing it up against the known demand. It appears to the Shinpo, looking at the matter without prejudice, that the plantations can well afford at this juncture to make some slight concessions.

It is extremely important to the plantations of Hawaii that the labor supply be made as permanent as possible. It is also of importance that the supply be made to go as far as possible. Permanency can be secured, we believe, through the making of slight concessions, as above, by providing better houses for the laborers in some instances and by encouraging the laborers to retain their savings in Hawaii and invest them here. The enlarging of the supply may also be brought about in an expeditious and fairly cheap manner—certainly more expeditious and with a smaller cost than by importation, through the offering of bonuses.

At the present time, as is known to every plantation manager, the Japanese laborers do not, as a rule, do a full month's work each month. An examination of the time sheets will show that on nearly every plantation the average number of days worked by each laborer is not over 18 in any one month. The other seven or eight working days in each month are spent by the laborers in "laying off." If a bonus system could be put into operation whereby a minimum wage paid to the man who works only 16 or 18 days would be increased for the man who works 20 days out of the month, and increased further to the one who puts in the full month, the majority would lay off less and the labor supply be therefore increased appreciably.

Such a system would add from 10 to 20 per cent to the working forces of the plantation, and the amount necessary to be paid in bonuses would be less, we believe, than it would cost the planters to bring in the three to six thousand laborers needed to make such an increase, while the bookkeeping cost, the cost of the maintenance of camps, and such incidentals would be less with the smaller force working full time than with a large force working part of the time.

* * * * * * *

At the outset of the strike some of the managers affected were insistent that concessions be made the Japanese, but under the strict organization of all sugar employers in the Territory they could not take individual action. The attitude of those planters who stood

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out against concessions was thus publicly expressed while the strike was in progress:

There seems to be a general impression, so far as the outside public is concerned, that the issue between those agitating for higher wages and the plantations is simply this: The plantations are standing pat at $18 a month notwithstanding three or four years of great prosperity, and refusing to budge from that figure, and the Japanese, on the other hand, want this wage raised higher. Such an impression is substantially wrong. The truth is, taking the plantations as a whole, much the smaller proportion of Japanese are not working for a daily or monthly wage at all. One of the large plantations on this island a month ago, out of a total of 2,083 men on the pay roll, employed during that month, only 353 were on a daily wage; all the rest of that great force were working under contracts or their equivalent. Another large plantation on one of the other islands, during the same month, out of a sum total of 3,500 men on the pay roll, had only 400 men employed as day laborers. Other plantations are not as well circumstanced, but the drift has been and is steadily toward a reduction in the force of day laborers.

Again, large numbers of those classed as day laborers on $18 per month are engaged on "stint" or "uku pau" work, whereby they finish the day's work early in the afternoon, when they can either return home or continue on and be credited with overtime.

Again, it is a mistake to assume that for the past three or four years the matter of wages has stood still. On the contrary, the contract system and other substitutes for day labor have been steadily developing during that period. The conditions to-day, as to wages, and the conditions even 12 months ago are not the same.

Cutting, loading, and cultivating cane, and even planting and such like work, are being done largely by contract, and the contract system is being steadily extended and adjusted until the assumption that the plantations are to-day being run by men at $18 a month is a misfit statement wide of the truth. These various contracts under which thousands of Japanese are working are all designed to give them considerably more than a monthly wage of $18. Occasionally by mischance a contract gang may get less than the daily wage, but this so seldom happens that when it does occur it is literally a mishap, and always under such circumstances the men are paid full wages without regard to the results of the contract. On the other hand, there are thousands of Japanese laborers who to-day are making $1 a day on their contracts, besides getting house room, water, fuel, and medical attendance free. I can go further and truthfully state that a considerable number of Japanese laborers are making over $30 a month, and, as I said before, the contract system is developing right along, and particularly during the past two years, as labor conditions have been approaching the point where it was essential that there should be as many men as possible working on contract basis and as few as possible under daily or monthly wage.

When recently the Higher Wage Association demanded that wages be raised from $18 to a general footing of $22.50, the plantations could have accepted the proposition and increased their pay rolls much less than would generally have been supposed; their real loss would have been in the efficiency of the labor.

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This process of developing the contract system of the country will continue to develop, strike or no strike. What then is the real issue between the agitators and the plantations? The vital issue is not so much the amount of money that should be paid to the Japanese laborer; it is how it is to be paid. The agitator naturally wants large gangs of men earning daily or monthly wages, who have no particular inducement to do a full day's work for their wages, and who, of course, would be amenable to the strike agitator and the loafers in and around the plantation camps. The plantations, on the other hand, are interested in getting the men in partnership with the plantation, as it were, and the work done along lines where the laborer gets more money the more work he performs. There is the real issue. Individual plantations may have to readjust the terms of their contracts; some are more liberal than others and the form and term of contracts are more workable on one plantation than another, and the adjustment and readjustment of these contracts until the highest and best system has been evolved will go on necessarily whether strikes are settled, begun, ended, or renewed.

What the planters are substantially a unit upon is this: That there is no occasion for increasing the common daily wages for work by the day or the month. This class of laborers are usually less ambitious and include, generally speaking, men of the weaker and worst type. There is no ambitious Japanese to-day fit and willing to do a fair, full day's work but can go to a plantation and earn his dollar a day, more or less; some will run as high as $1.25 per day, and some will run from $0.80 to $1, according to their capacity and governed somewhat by local conditions.

The country has none too much labor now, and that labor must be handled so as to draw out its full effective capacity for work. It must be interested in the cane it is cultivating and harvesting, and it must reap as it sows. The Negoro-Makino program is absolutely and vitally antagonistic to any such ideas. Their ideas, in the nature of things, involve a program for the development of an irresponsible class of laborers who will refuse to take contracts where they will have to do a substantial day's work and where they have something at stake. On such an issue the planter has no choice but to stand firm to the end.

Meanwhile if only the men that earn, or can to-day earn, if they are willing to put in the work, $1 per day remain on the plantations the public will be surprised to see how many men will be found on the plantations and how few there will be who leave.

Meantime the American press of the Territory advocated using the occasion and lessons of the strike as a guide to improving the conditions of the laborers. Two editorials from the Pacific Commercial Advertiser, one during the continuance of the strike and one after its conclusion, voice this sentiment. They are quoted in part as follows:

We hope, as do the majority of the people who discuss the labor troubles disinterestedly, that the planters will proceed to examine the merit of the complaints made and pass upon them with a scrupu-

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lous sense of justice. Some of these complaints, especially the campaign one about an $18 wage scale, which exists among a small and constantly narrowing group, have little merit; others may be worth looking into and remedying. Are the laborers kept huddled in quarters too small for them? Are some of these quarters insufficiently protected from the rain? Is it wise to let a wage scale be governed by nationality? When the sugar estates yield a bumper crop—a $30,000,000 or $40,000,000 output—would it not be right to give labor something extra for its share in bringing that result about? Is there not a way of extending the cane-contract system so as to include a large part of the labor contingent now without some interest in the crop? These are questions which would seem to justify a similar inquiry to that being made by the United States Farming Commission to the end that the capital and labor of Hawaii may be reconciled and the development of the staple industry accelerated.

We do not, nor do any people whose opinions have weight, advocate any concessions to strikers, least of all any to wage agitators; but when the strike ceases, would it not be the thing to remove all real causes of grievance? Many laborers will go back to their work sullen and dispirited; many will feel like doing as little as possible; many will be restive under the prejudices which Makino et al. have instilled into them during the period of idleness. The way to correct such tendencies—and the only way to correct them—is by means of the square deal. It will be a bright day for Hawaii if a live-and-let-live policy shall prevail hereafter on all the sugar estates.

The strike and its lessons.

The ending of the strike, without conditions, should mean the renewal of prosperity on a greater scale than before; and if the wisdom of the planters which brought the sugar estates through the late crisis unscathed proves equal to the strain of success, it will now apply itself to the removal of any valid cause of industrial discontent.

If an extension of the cane-contract system would make it possible for men of industry and thrift to earn more money than they are now getting and at the same time expedite the work of the plantations, why not grant it? The effect on the laborers and on the outside public would be good. If better quarters are wanted and more conveniences of one kind or another and the requests are reasonable, why not do something on these lines? No question of duress intervenes; it is a matter of justice. And more important yet, lunas [overseers] that are tyrannical or abusive should be weeded out. They are as dangerous among the men as the professional malcontents.

But the lesson of the strike does not by any means resolve itself to one of concessions. Certain safeguards would seem to have been made inevitable. When the engineers and skilled men employed in the mill of the plantation which was famous for its kindness to the Japanese left the machinery running at full blast, with all throttles wide open, as soon as they heard the strike order they forfeited such positions for their class. Hereafter white men and Hawaiians should hold these positions of trust and responsibility in every sugar mill of the group.

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We believe also that the strike breakers, especially the Hawaiians, should be given every reasonable chance to identify themselves with the industry which they have aided in the recent crisis; and that as Japanese leave the plantations, for one cause or another, their places should be filled with men of other nationalities, so that the proportion of any one class of labor here may never again be so great as in the past.

The tendency will be, of course, to let things fall back into the old rut; but it is one which every sagacious and broad-minded planter will naturally and, we hope, successfully, oppose.

A feeling that the cessation of Japanese immigration marks the final passing of the oriental as the main reliance of the sugar industry has been strengthened by the strike, which brought the conviction that even the Japanese are at last too occidentalized to afford the class of labor formerly employed. This opinion was recently expressed as follows in an editorial in the Hawaiian Star entitled "The passing of cheap labor."

Southern hemisphere exchanges contain reports and discussions of the results to the Queensland sugar industry of the employment of white labor exclusively. It is represented that the planter has experienced twofold disadvantage, the labor costing more and the product of each man being less than when the Kanakas—deported to their native isles some years ago—constituted the working force. Where the Kanakas had harvested 2¼ tons of cane a day for each man, the white labor has produced a tale of but 1¼ tons a day and at much higher wages. Yet there is no suggestion noticed that the cheap black labor will ever be allowed to come back, neither is it hinted that, in consequence of the deprivation of semiservile gangs of inferior races, the sugar industry of Queensland will be abandoned. There is some little discussion of relief from the available Hindus—fellow-subjects of the people who stand for "a white Australia"—but with the uttered misgiving that the intelligent and haughty Indian would need to be treated with a deference not usually expected from a plantation overseer. What is urged in substitution of the obsolete reliance upon cheap labor is a system combining intensive cultivation and the more extended use of labor-saving appliances in field and mill.

Queensland is only one of many countries, though further on the way than most of them, where an industrial revolution is working the absolute extinction of the once deemed essential element of cheap labor in great industries. The handwriting is on the wall everywhere, signifying the doom of every industrial system depending upon labor of chattel quality. *Labor that will not voluntarily and unaided find the place where it is in demand—labor that in its movement from one country to another is not emigration but importation—is destined to go the way of slavery.* The quicker that any country recognizes this revolution as being in process of fulfillment the sooner will it arrive at the stage of effective twentieth century civilization.

From Tropics and semi-Tropics, from Asiatic countries even, the cry is swelling on every breeze of a scarcity of cheap labor to produce the staples that are the greatest in demand in the world's markets. It is the problem of the day for cotton and coffee, rubber and sugar.

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One of the latest things heard in this regard is that even the Chinese are found wanting in effectiveness for rubber production. They are said to be careless in the details, so that in tapping, for instance, they are apt to injure the trees. What does this signify but that intelligence and conscientiousness are coming to be better esteemed than brawn and hardiness in that scientific culture of natural products which is to-day essential if the best yields in quantity and quality are to be obtained? And that for labor with these better equipments adequate compensation must be offered?

Moreover, the fountains of cheap labor are being exhausted by the modern development of once semibarbarous and secluded empires of mankind. Home industries and public improvements in those countries are rapidly absorbing all the labor they possess, and the wage scale there is rising the same as it is in the countries where invention and progress have been the song of centuries. Whether it means still higher cost of living or not, the time is coming on apace when the man that plows and reaps the fields must receive his fair proportion of the harvest, and on his own part, to be worthy of his hire, must possess the intelligence and skill that will take him out of the category of cheap flesh and blood. No country availing itself of scientific methods will be without labor for its needs when the masses are trained in mind and muscle for modern industries, and being thus fitted are offered wages such as will enable them to live in the state of civilization for which they are eligible.

Capital may rise to the occasion by one means or another—it may be through the wage system entirely or that combined with profit-sharing—but in some way it will have to meet the new conditions of industry. The industrial revolution will not be stayed. Yet labor itself will not hasten the consummation by methods of force or violence. It is coming by the evolution of human progress. Commerce as well as society is interested in it, for it means a more equable distribution of the proceeds of natural resources. The Honolulu business community recently had a foretaste of the better time coming, when citizens were employed, at a premium on the cheap labor standard, as strike breakers upon neighboring plantations.

Certain incidents and results of the strike deserve passing mention. While the strikers were law-abiding toward their employers and persons of other nationalities, even strike breakers, they attempted to intimidate (by threats of boycotting and personal violence) those of their own nationality who refused to join with them. Some Japanese contractors and overseers were saved from assassination only by the energetic action of their employers, and a murderous assault was made upon Sheba, the editor of the Hawaii Shinpo. An elaborate and effective system of picketing was maintained by the strikers. Their organization for supporting those on strike is said to have been efficient so long as funds lasted. No disorder or serious inconvenience to the public attended the arrival of several thousand ejected strikers in Honolulu, where they were received by committees and directed quietly and promptly to lodgings already provided for them. On one plantation a small riot occurred, and the police force was

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strengthened and prepared for possible difficulties of a more serious character; but these measures were chiefly precautionary.

The organization and financing of the Higher Wage Association was apparently less efficient, and responsibility for funds and control over their use was not sufficiently guarded, so that the laborers came to distrust the honesty and financial disinterestedness of their leaders. Yet no positive proof exists that these suspicions were justified, and certainly in the long run the founders and officers of the association derived therefrom no pecuniary profit.

During their imprisonment the strike leaders seem quite to have recovered the confidence and sympathy that for a time may have been withdrawn from them, and their pardon by the governor was received with enthusiasm by most of the Japanese and cordial congratulations by Caucasians.

The authorities appear to have used arbitrary and illegal methods to obtain evidence against the strike leaders, as we may infer from the decision of the chief justice of the Territory confirming the sentence of the latter to imprisonment, which states: "There were papers taken from the office of the defendant, Negoro, without process of law and forcibly, including correspondence. * * * Defendant's claim that the evidence was inadmissible because illegally obtained was not sustained."

A strike conducted on exclusively national lines can hardly succeed in Hawaii. Employers are too well organized, disciplined, and financed. Probably no one nationality will ever again constitute so large a part of the plantation force as did the Japanese in 1909.

Meantime, the introduction of bonuses, which are practically conditional deferred payments forfeitable by striking, and cultivation contracts, which give each laborer a property interest in the cane which he can maintain only by constant attention to its cultivation, and prompt harvesting and manufacture at maturity, will probably divide plantation hands into two classes, the more influential and ultimately the more numerous of which will be opposed to labor conflicts.

However, the strike has created a new grievance among what is called "citizen labor" in Hawaii, the several thousands of Hawaiians and Portuguese who went on the plantations as strike breakers, and the friends of these, for the returning Japanese were welcomed and the strike breakers were turned adrift in favor of this cheaper labor. This was not true of every plantation. At Kahuku before the strike, Asiatics, excluding Filipinos, who are rated as American labor, formed 88 per cent of the plantation force; in April, 1910, when this place was last visited, Asiatics formed but 40 per cent of those employed. An emergency force could not have been recruited so

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easily had the strike occurred on any other island than Oahu, where two-thirds of the population is urban and the number of casual laborers is large.

The white trade-unionists in Honolulu seemed rather to sympathize with the Japanese in the purpose of their strike, and to consider their demand of equal pay with other nationalities for equal work a just one; but there is no relaxation of the fixed disapproval with which in general white workmen in Hawaii regard all oriental labor.

CONCLUSION.

The legal and social condition of labor employed in Hawaii appears to have improved during the past five years. The economic condition of many classes of workers is better. Wages of common labor (males) on the plantations have risen on an average 11.1 per cent. The cost of staple articles of food has increased 12.9 per cent. But certain items of expenditure do not affect plantation employees, who constitute the bulk of the labor here studied, they being provided by the employer with fuel, medical attendance, houses, etc. Housing conditions have improved on the plantations, without increasing the cost of living for the laborer.

The condition of urban laborers, as shown by the study of the cost of living and the wage schedules gathered in Honolulu, is not below normal. In general unemployment is not serious—and forced unemployment of manual workers, whether skilled or unskilled, for any considerable period is very uncommon.

The position of the oriental in the economic life of the Territory is more important than five years ago, because it is more securely established. The property holdings of people of these races have increased much more rapidly than the population. Their competition has extended to a greater variety of occupations and is backed by larger and more varied resources, both of skill and capital. On the other hand, this population is less shifting than formerly, has a rising standard of living, and is pressing more for higher wages and better terms of employment. The oriental population promises by natural increase far to outstrip all other elements of the population, and upon this increase immigration restrictions are not likely to have determining effect. Some unpredictable change in population movements may reverse present tendencies, and the next decennial census may show a smaller number of orientals than at present. But up to date there is no indication of such a change. The smaller proportion of Japanese working on plantations is about compensated by the increase of Filipinos, and it will take a series of years—until the field of employment sought by the Hawaiian-born oriental population that will within a few years reach working age is ascertained—to settle the probable constitution of the future plantation force.

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Meantime a bona fide effort is being made by the Territorial government, backed by the large employing interests, to settle a larger proportion of Caucasian workers and settlers in Hawaii. It is doubtful if any large industry upon the mainland has in the past been willing to disregard the economic demand for cheap labor, in consideration of what are at least partly civic motives in securing more costly labor, to the same extent as have the Hawaiian planters. They are willing without reserve to employ all the Causasian workers the government can bring to the islands, at a wage one-third larger than they pay for nearly as efficient labor brought from Asia.

Little progress has been made in settling American farmers in Hawaii. Recent changes in the land laws may remedy this to some extent. The Territory has now under consideration a public marketing department, to handle produce and promote markets for small farmers.

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ANALYSIS OF TABLES.

Three groups of detailed tables conclude this report, relating, respectively, (1) to the cost of living of workmen's families in Honolulu, (2) the retail prices of commodities, and (3) the occupations, wages, hours of labor, and nationality of employees.

COST OF LIVING IN HONOLULU.

These detailed tables are to be read in connection with the summary tables in the text of the report; but provide material for new combinations of data, such as is sometimes desirable where figures are to be used for purposes of comparison with similar data elsewhere or for detailed study of special conditions.

Table I shows the membership and income of families and the occupation of the head of each family, by race groups.

Table II shows home conditions by races.

Table III gives in detail the amount of income of each family studied, classified as to source.

Table IV presents with equal detail the items of expenditure of the families reporting.

RETAIL PRICES OF COMMODITIES.

Table V.—This table shows the retail prices of the principal articles of food and a few other staple commodities from 1910 back to 1890, or as near thereto as a record of prices could be secured for the same articles from the same establishments. Owing to difference in price for the same article at different stores it was not deemed proper to secure prices for part of the period from one firm and for the remainder of the period from another firm, and some commodities change so materially in their character in a few years that prices for identical articles can not be followed back for many years.

When two or more quotations were secured for the same article an effort was made to get prices as nearly as possible for the same grade and quality in each instance. An effort was also made to have the figures fairly represent the prevailing prices throughout the Territory—some of the quotations being from plantation stores, some from oriental stores, and others from the largest establishments

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in Honolulu. The prices shown in this table are the average prices for the year. Footnotes have been appended to show the seasonal variation in prices of a few articles that fluctuate materially during the year. The absolute relative worth of these figures as data from which to estimate the cost of living is affected by trade customs referred to in another part of this report. A study of the table in detail shows that there was a marked rise in the price of nearly all commodities during the boom that followed annexation.

Quotations of retail prices were secured for the preceding three reports on Hawaii that have been made by this Bureau, and a number of the same firms have been continued in this report.

In the second report of this Bureau, published in Bulletin No. 47, a series of index numbers was presented showing the trend of prices of food from 1890 to 1902. The index numbers consist of percentages showing the per cent that the average price for each year was of the average price for the 10-year period, 1890 to 1899. The index numbers shown in the following text table from 1890 to 1900 are the same as given in Bulletin No. 47; those for 1901, 1902, and 1905 have been revised. The series of index numbers has been continued to include 1910, the numbers from 1901 to 1910 being based on detail figures of Table V presented in this report.

RELATIVE RETAIL PRICES OF FOOD, 1890 TO 1910.

Year.	Price.	Year.	Price.	Year.	Price.
1890	100.8	1897	98.9	1904	106.5
1891	101.6	1898	98.3	1905	107.2
1892	101.3	1899	101.4	1906	109.0
1893	100.3	1900	105.3	1907	110.3
1894	99.4	1901	106.5	1908	111.9
1895	98.8	1902	108.7	1909	118.4
1896	99.2	1903	108.5	1910	121.0

This above table shows that retail prices of food reached their lowest point in 1898, when the average was 98.3 per cent of the average price for the 10 years from 1890 to 1899. The highest price was reached in 1910, when it was 21 per cent above this average price.

OCCUPATIONS, WAGES, HOURS OF LABOR, AND NATIONALITY OR RACE OF EMPLOYEES.

These tables follow the same form as those presented in previous reports and are throughout comparable with them.

Table VI.—Data for this table were secured from 255 establishments, representing 50 industries and 52,925 employees, as shown in the following text table:

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NUMBER OF ESTABLISHMENTS AND EMPLOYEES FOR WHICH WAGES AND HOURS OF LABOR ARE GIVEN, BY INDUSTRIES.

Industry.	Number of establishments.	Number of employees.
Agriculture, miscellaneous	12	662
Bakery	15	66
Bakery, confectionery, and restuarant	2	43
Bakery and restaurant	1	3
Bottling works	1	7
Brewery	2	62
Building	25	242
Carriage making	7	63
Candy	3	7
Canning fruit	1	12
Charcoal burning	1	1
Cleaning clothing	1	4
Coffee dealers	1	2
Coffee plantation	1	61
Drugs and chemicals	2	9
Electric light and ice	2	34
Fertilizers	2	121
Foundry and machine shop	3	411
Fruit raising	2	197
Furniture	3	32
Gas making	1	23
Harness making	4	7
Hats	5	21
Jewelry and watchmaking	4	45
Laundry	5	134
Lime	1	42
Macaroni	3	24
Mattresses, wire	1	2
News agency	1	10
Paint	1	2
Pineapple plantations	5	953
Planing mill	3	70
Poi flour making	1	33
Printing, job	4	25
Printing, newspaper	15	297
Rice cleaning	15	107
Sail making	1	5
Salt works	1	4
Shipbuilding	4	50
Shirt making	3	3
Shoemaking	10	79
Slaughtering	1	13
Soap	1	5
Soda water and soft drinks	11	55
Soy making	2	9
Steam railroads	6	1,033
Steamship companies, interisland	1	687
Stone quarrying and cutting	5	38
Street railways	1	174
Sugar plantations	52	46,931
	255	52,925

No attempt was made to cover all establishments in the Territory, except in case of sugar, but in certain industries nearly all establishments of any importance are included in the table.

For the other industries the figures presented are only representative. It is believed, however, that sufficient data were secured to fairly and correctly represent industrial conditions in the Territory as to wages, hours of labor, and the different nationalities employed in the several industries. In this table the number of establishments from which data were secured is stated in connection with the name of the industry. All occupations found in the establishments investigated are given for each industry, and the number and sex of the employees of each nationality are given under each occupation. Following each nationality appear the days of work per week and the

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lowest, highest, and average hours of work per week. On the opposite page the employees of each nationality in each occupation are classified according to their daily wages, the table showing the number of employees earning under 50 cents per day, the number earning over 50 cents and under 75 cents per day, etc. This classification affords an opportunity to see the range of wages for each nationality of each occupation and the predominant wage groups. The classification is followed by the average wages per day for each nationality in each occupation. At the close of the occupation a total and average are given for the occupation, in which data for the employees of all nationalities are combined. A few general occupations are found under several industries; for example, carpenters are found employed in the building industry, which represents firms engaged in general building, and by steam railroads, by sugar plantations, etc.

The occupation representing a far greater number of employees than any other is that of field hands, which covers 14,645 persons. Twelve nationalities are represented in this occupation, but 60.6 per cent of all the employees of the occupation are Japanese. A total of 874 employees in this occupation receive under 50 cents per day, 151 receive $1 and under $1.50 per day, while 13,543, or 92.5 per cent of the total number employed in the occupation, receive 50 cents and under $1 per day. The average wages of all employees of this occupation are 70 cents per day.

With this short explanation it is believed the table will be readily understood. A careful and extensive study of this table is recommended for a broad knowledge concerning the nationality and the wages and hours of labor of the employees in the several industries of the Territory.

Table VII.—This table has been prepared so that a comparison may be made between the wages and hours of labor in 1910 and the preceding years, 1900–1901, 1902, and 1905. The data for 1900–1901, 1902, and 1905 were secured in former investigations by the Bureau. The occupations, nationalities, average hours per week, and the average wages per day for 1910, given in Table VII, are the same as shown in Table VI. A prefatory note given in connection with the name of each industry in this table shows the number of establishments from which data were secured for each of the four periods. It will be seen that in some of the industries no data were secured for one or more of the preceding periods, and it will be further observed that although data may be presented for all four periods in an industry, certain occupations may appear in but one or two of the periods owing to the change in the occupations employed in the different periods, and to some extent, possibly, to a change in the names of the occupations. Comparisons should not be made between the number of employees in the several periods, as the number of establishments for which information was

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secured varies, and even when the number is the same they are not always the same identical establishments. The number of employees is given, however, to show the basis on which rests the average hours and wages shown. In the building industry, for example, it is seen that the data for 1900–1901 are from 8 establishments; for 1902 from 9 establishments; for 1905 from 15 establishments; and for 1910 from 25 establishments. With so many establishments included it may be presumed that the wages and hours of labor shown for each occupation are fairly representative. For example, the wages of carpenters in the building industry in 1900–1901 were $3.59½ per day; in 1902, $3.72 per day; in 1905, $2.82½ per day; and in 1910, $2.28 per day. An inspection of the nationalities shows that the employees of this occupation were largely American in the first two periods, while in 1905 there were a greater number of Japanese, and in 1910 a greater number of Chinese, than of any other race. The reduction of the general average of wages in this occupation is largely due to the increasing number of Japanese employed.

An inspection of the occupations of this table will show that considerable change has been taking place within the last few years in the nationalities employed.

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TABLE I.—MEMBERSHIP AND INCOME OF FAMILY AND OCCUPATION OF HEAD OF FAMILY OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE.

CHINESE.

Family number.	Persons in family not including lodgers.	Children in family.	Occupation of head of family.	Wage earners in family.	Income of family.		
					Annual earnings.	Other.	Total.
1	5	3	Clerk, wholesale grocery	1	$780.00	.....	$780.00
2	6	4	Butcher	1	312.00	$92.00	404.00
3	8	6	.....do	1	312.00	165.00	477.00
4	10	8	Laborer	2	650.00	25.00	675.00
5	6	4	Clerk, bill	1	1,210.00	48.00	1,258.00
6	4	2	Steward, steamship	1	338.00	125.00	463.00
7	4	2	.....do	1	624.00	140.00	764.00
8	7	5	Cook, chief	1	520.00	.....	520.00
9	5	3	Yardman	1	338.00	26.00	364.00
10	10	8	Cook	2	390.00	.....	390.00
11	9	7	Clerk	1	890.00	.....	890.00
12	5	3	Cook	2	487.00	.....	487.00
13	12	10	Mechanic	5	785.20	.....	785.20
14	9	7	Clerk, wholesale grocery	2	845.00	.....	845.00
15	11	9	Poi maker	1	364.00	45.00	409.00
16	8	6	Salesman	1	364.00	108.00	472.00
17	2	.....	Cook	1	624.00	.....	624.00
18	2	.....	Waiter	2	342.00	132.00	474.00
19	4	2	.....do	1	312.00	260.00	572.00
20	7	5	Baker	2	388.00	60.00	448.00
21	5	3	Bartender	2	650.00	238.00	888.00
22	7	5	Clerk, hotel	1	[1] 624.00	.....	[1] 624.00
23	3	1	Waiter	1	312.00	228.00	540.00
24	2	.....	.....do	1	[1] 312.00	180.00	[1] 492.00
25	2	.....	Interpreter	1	900.00	.....	900.00
26	3	1	Steward chief	1	624.00	404.00	1,028.00
27	3	2	Janitor	1	520.00	.....	520.00
28	5	3	Fireman, steamer	1	[2] 416.00	.....	[2] 416.00
29	7	5	.....do	1	[2] 416.00	.....	[2] 416.00
30	7	5	.....do	1	[2] 416.00	.....	[2] 416.00
31	2	.....	Clerk	1	520.00	.....	520.00
32	6	4	Waiter	1	[1] 325.00	372.00	[1] 697.00
33	3	1	Steward	1	[1] 300.00	120.00	[1] 420.00
34	4	2	Clerk	1	416.00	.....	416.00
35	4	2	Foreman, laundry	1	832.00	.....	832.00
36	2	.....	Carpenter	1	[3] 260.00	.....	[3] 260.00
37	4	2	Tailor	1	520.00	.....	520.00
38	2	.....	Clerk	1	[1] 312.00	290.00	[1] 602.00
39	7	5	Baker, chief	2	[1] 780.00	.....	[1] 780.00
40	7	5	Painter, coach	1	728.00	.....	728.00
41	10	8	Clerk, dry goods	1	675.00	.....	675.00
42	7	5	Clerk, soda fountain	1	720.00	.....	720.00

HAWAIIAN.

43	4	.....	Salesman and clerk	1	$520.00	$351.00	$871.00
44	2	.....	Stevedore	1	660.00	.....	660.00
45	3	1	Laborer	1	700.00	.....	700.00
46	2	1	Pilot	1	780.00	.....	780.00
47	6	4	Driver	1	780.00	.....	780.00
48	3	1	Carpenter and fisherman	1	410.00	130.00	540.00
49	2	.....	Laborer	1	375.00	.....	375.00
50	6	4	Carpenter	1	1,050.00	200.00	1,250.00
51	2	.....	Laborer	1	272.00	10.00	282.00
52	3	1	Janitor and messenger	1	624.00	.....	624.00
53	2	.....	Laborer	1	624.00	.....	624.00
54	3	1	Stevedore	1	280.00	578.00	858.00
55	2	.....	Laborer	1	520.00	.....	520.00
56	2	.....	.....do	2	622.00	.....	622.00

[1] And meals of father. [2] Meals and lodging of father. [3] And meals and car fare of father.

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TABLE I.—MEMBERSHIP AND INCOME OF FAMILY AND OCCUPATION OF HEAD OF FAMILY OF REPRESENTAVIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Continued.

Family number.	Persons in family not including lodgers.	Children in family.	Occupation of head of family.	Wage earners in family.	Income of family.		
					Annual earnings.	Other.	Total.
57	5	3	Driver	1	$624.00	.....	$624.00
58	3	1	Boiler makers' helper	1	468.00	.....	468.00
59	2	.....	Engineer and machinists' helper	1	936.00	.....	936.00
60	5	.....	Laborer and fisherman	2	868.00	$50.00	918.00
61	3	1	Driver	1	520.00	.....	520.00
62	5	3	.....do	2	1,014.00	.....	1,014.00
63	4	2	Carpenter and contractor	1	1,404.00	.....	1,404.00
64	3	.....	Laborer	1	565.00	.....	565.00
65	3	1	Boatswain	2	808.00	.....	808.00
66	4	2	Teamster	3	1,310.00	.....	1,310.00
67	3	1	Stableman	1	720.00	.....	720.00
68	2	.....	Seaman	1	780.00	.....	780.00
69	5	3	Painter	1	1,008.00	.....	1,008.00
70	9	7	Teamster	2	1,092.00	.....	1,092.00
71	3	.....	Fisherman	2	2,704.00	.....	2,704.00
72	3	1	Laborer	1	624.00	.....	624.00
73	3	1	.....do	1	520.00	.....	520.00
74	7	5	Carpenter	2	1,482.00	.....	1,482.00
75	3	1	Laborer	1	520.00	.....	520.00
76	3	1	.....do	1	508.00	.....	508.00
77	5	3	Caretaker, cemetery	2	1,680.00	.....	1,680.00
78	4	2	Laborer	1	624.00	.....	624.00
79	4	2	Carpenter, ship	1	1,092.00	.....	1,092.00
80	4	.....	Seaman	1	844.10	.....	844.10
81	4	2	Carpenter, ship	1	1,092.00	.....	1,092.00
82	6	4	Machinist	1	936.00	.....	936.00
83	4	2	Overseer, road	1	1,092.00	.....	1,092.00
84	6	4	Laborer	2	1,404.00	.....	1,404.00
85	5	3	Blacksmith	1	1,248.00	.....	1,248.00
86	7	5	Machinist	1	1,404.00	20.00	1,424.00
87	5	3	Laborer	1	624.00	.....	624.00
88	4	2	.....do	1	650.00	.....	650.00
89	4	2	Teamster	1	780.00	.....	780.00
90	6	4	Watchman	2	1,026.00	450.00	1,476.00
91	6	4	Laborer, quarry	1	624.00	153.75	777.75
92	4	2	Laborer, boiler shop	1	780.00	.....	780.00
93	5	3	Caretaker	1	702.00	160.00	862.00
94	6	4	Laborer, wharf	1	432.00	378.00	810.00
95	7	5	Carpenter	1	936.00	.....	936.00
96	4	2	Laborer	1	450.00	.....	450.00
97	4	2	.....do	1	459.00	.....	459.00
98	3	1	.....do	3	468.00	44.00	512.00
99	3	1	.....do	2	480.00	.....	480.00
100	9	5	Policeman for government	1	840.00	.....	840.00
101	8	6	Painter	2	815.00	.....	815.00
102	5	3	Laborer	1	525.00	.....	525.00
103	5	3	Laborer, lumber yard	1	780.00	.....	780.00
104	4	2	Painter, house	1	707.75	.....	707.75
105	5	3	Laborer and carpenter	1	840.00	.....	840.00
106	6	4	Laborer, dry goods	3	1,838.00	.....	1,838.00
107	4	2	Laborer, wharf	1	624.00	.....	624.00
108	4	2	.....do	1	676.00	.....	676.00
109	4	2	Blacksmith, foundry	1	1,092.00	.....	1,092.00
110	5	3	Carpenter	1	1,248.00	.....	1,248.00
111	5	2	.....do	1	780.00	.....	780.00
112	5	3	Laborer	1	780.00	.....	780.00
113	5	1	.....do	2	1,280.00	.....	1,280.00
114	5	3	Engineer	1	948.00	.....	948.00
115	4	2	Laborer	2	1,248.00	.....	1,248.00
116	5	3	Coachman	1	624.00	200.00	824.00
117	5	3	Carpenter	1	936.00	.....	936.00
118	4	2	Laborer	1	624.00	.....	624.00
119	4	2	Fireman	1	910.00	.....	910.00
120	5	3	Teamster	1	702.00	.....	702.00
121	4	2	Laborer	1	702.00	.....	702.00
122	4	2	.....do	2	1,248.00	.....	1,248.00
123	4	2	Carpenter	2	1,560.00	.....	1,560.00
124	4	.....	Laborer	3	1,728.00	.....	1,728.00
125	5	3	Quarryman	2	1,872.00	.....	1,872.00
126	3	1	Second mate, steamer	1	1,014.00	.....	1 014.00
127	4	2	Laborer, dredge	1	624.00	.....	624.00

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TABLE I.—MEMBERSHIP AND INCOME OF FAMILY AND OCCUPATION OF HEAD OF FAMILY OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Concluded.

Family number.	Persons in family not including lodgers.	Children in family.	Occupation of head of family.	Wage earners in family.	Income of family.		
					Annual earnings.	Other.	Total.
128	4	2	Carpenter	1	$1,092.00	.....	$1,092.00
129	5	3	Laborer	2	1,092.00	.....	1,092.00
130	5	3	.....do	2	1,248.00	.....	1,248.00
131	4	2	.....do	2	1,269.00	.....	1,269.00
132	5	3	Iron molder	1	1,248.00	.....	1,248.00
133	4	2	Laborer	1	780.00	.....	780.00
134	4	2	.....do	1	624.00	.....	624.00
135	4	2	.....do	1	624.00	.....	624.00
136	3	1	Teamster	1	702.00	.....	702.00
137	4	2	Laborer	1	702.00	.....	702.00
138	5	3	.....do	2	1,248.00	.....	1,248.00
139	3	1	.....do	1	624.00	.....	624.00
140	5	3	Engineer	1	936.00	.....	936.00
141	4	.....	Teamster	1	702.00	$208.00	910.00
142	3	1	Overseer	2	1,392.00	.....	1,392.00
143	4	2	Carpenter	1	1,092.00	25.00	1,117.00
144	4	2	Laborer	1	624.00	.....	624.00
145	6	4	Carpenter	3	2,184.00	.....	2,184.00
146	4	2	Teamster	1	780.00	.....	780.00
147	5	3	Carpenter	1	960.00	.....	960.00
148	5	3	Machinist's helper	1	702.00	.....	702.00
149	4	2	Laborer	1	624.00	180.00	804.00
150	2	.....	.....do	1	624.00	.....	624.00
151	4	2	Lineman	1	780.00	.....	780.00
152	3	1	Painter and carpenter	1	936.00	.....	936.00
153	4	2	Driver	1	702.00	.....	702.00
154	2	.....	Laborer	1	624.00	.....	624.00
155	4	2	Painter	1	936.00	.....	936.00
156	6	4	Teamster	2	1,404.00	.....	1,404.00
157	3	1	Laborer	2	1,045.00	.....	1,045.00
158	5	3	Foreman, road	1	1,092.00	.....	1,092.00
159	4	2	Overseer, quarry	1	936.00	.....	936.00
160	4	1	Plumber	1	1,092.00	.....	1,092.00
161	3	1	Laborer	1	702.00	120.00	822.00
162	4	2	.....do	1	624.00	.....	624.00
163	5	3	Overseer, road	1	1,192.00	150.00	1,342.00
164	6	4	Painter	1	780.00	18.50	798.50
165	4	.....	Laborer and teamster	1	780.00	.....	780.00
166	5	3	.....do	1	780.00	650.00	1,430.00
167	4	2	.....do	1	780.00	.....	780.00
168	2	.....	Laborer	1	780.00	.....	780.00
169	4	2	.....do	1	624.00	100.00	724.00
PART-HAWAIIAN.							
170	3	1	Clerk, dry goods	1	$720.00	.....	$720.00
171	4	2	Tailor	1	390.00	$384.00	774.00
172	5	3	Carpenter	1	1,350.00	.....	1,350.00
173	6	4	Laborer	1	360.00	.....	360.00
174	8	6	Clerk, freight	1	1,323.00	520.00	1,843.00
175	6	3	Policeman	1	710.00	130.00	840.00
176	9	7	Foreman, plantation	1	1,800.00	600.00	2,400.00
177	7	4	Helper, boiler shop	1	468.00	40.00	508.00
178	6	4	Timekeeper, railroad	1	1,456.00	260.00	1,716.00
179	5	4	Carpenter	1	936.00	.....	936.00
180	3	1	Foreman, U. S. Engineer Corps	1	900.00	.....	900.00
181	6	3	Carpenter and contractor	1	1,248.00	.....	1,248.00
182	2	.....	Clerk in store	1	520.00	.....	520.00
183	7	5	.....do	1	840.00	.....	840.00
184	5	3	Stevedore and carpenter	1	490.00	180.00	670.00
185	3	1	Clerk	1	1,196.00	.....	1,196.00
186	4	.....	Laborer	1	624.00	65.00	689.00
187	2	.....	.....do	1	376.00	.....	376.00
188	4	2	Teamster	1	468.00	.....	468.00
189	4	2	Carpenter	1	1,092.00	.....	1,092.00
190	5	3	Laborer, foundry	1	702.00	.....	702.00
191	5	3	Watchman	1	910.00	.....	910.00
192	3	1	Engineer, factory	1	1,300.00	.....	1,300.00

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TABLE I.—MEMBERSHIP AND INCOME OF FAMILY AND OCCUPATION OF HEAD OF FAMILY OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

JAPANESE.

Family number.	Persons in family not including lodgers.	Children in family.	Occupation of head of family.	Wage earners in family.	Income of family.		
					Annual earnings.	Other.	Total.
193	6	4	Teamster	2	$477.50	$130.00	$607.50
194	3	1	Collector	1	312.00	.....	312.00
195	4	1	Bookkeeper	1	468.00	24.00	492.00
196	3	1	Printer	2	332.00	48.00	380.00
197	3	1	Driver	2	338.85	.....	338.85
198	3	1	Yard boy	1	280.80	.....	280.80
199	3	1	Collector	1	286.00	205.00	491.00
200	3	1	Salesman	2	429.00	.....	429.00
201	4	2	Painter	1	354.50	.....	354.50
202	4	2	Janitor	2	494.00	.....	494.00
203	2	.....	Bookbinder	1	416.00	.....	416.00
204	4	2	Stevedore	1	375.00	.....	375.00
205	6	4	Laborer	2	400.00	.....	400.00
206	3	1	Coachman	2	495.00	.....	495.00
207	5	3	Laborer	2	361.00	.....	361.00
208	3	1	Store boy	1	312.00	.....	312.00
209	3	1	Laborer	2	325.00	.....	325.00
210	6	4	.....do	2	438.00	.....	438.00
211	3	1	Driver	2	404.00	96.00	500.00
212	3	1	Laborer	1	360.00	.....	360.00
213	3	1	Driver	2	507.00	.....	507.00
214	5	3	Laborer	1	416.00	.....	416.00
215	6	4	Yard boy	3	679.00	.....	679.00
216	4	2	Janitor	2	360.00	.....	360.00
217	3	1	Laborer	2	336.00	.....	336.00
218	3	1	Carpenter	2	528.00	.....	528.00
219	3	1	Laborer	2	353.00	.....	353.00
220	3	1	Candy maker	2	413.00	.....	413.00
221	4	2	Laborer	2	605.00	.....	605.00
222	4	2	Assistant carpenter	2	395.00	.....	395.00

PORTUGUESE.

223	9	7	Laborer, garden	4	$1,159.00	.....	$1,159.00
224	3	1	Driver	1	572.00	.....	572.00
225	3	1	Janitor, school	2	487.50	$145.00	632.50
226	2	.....	Laborer, yard	1	510.00	606.00	1,116.00
227	7	5	Laborer	1	468.00	59.25	527.25
228	4	2	Carpenter, assistant	1	600.60	340.00	940.60
229	2	.....	Laborer, territorial government	1	414.00	56.00	470.00
230	5	3	Carpenter	1	828.00	.....	828.00
231	2	.....	Janitor and laborer	2	338.00	.....	338.00
232	2	.....	Clerk	1	520.00	.....	520.00
233	4	2	Laborer	1	432.00	26.25	458.25
234	4	2	Driver	1	624.00	.....	624.00
235	7	5	Laborer	2	520.00	.....	520.00
236	5	4	Housewife	1	104.00	702.00	806.00
237	12	10	Laborer	5	1,040.00	335.00	1,375.00
238	7	5	.....do	2	532.00	1,920.00	2,452.00
239	3	1	Guard, asylum	1	499.72	423.00	922.72
240	5	3	Laborer	1	520.00	.....	520.00
241	2	.....	.....do	1	572.00	.....	572.00
242	3	1	Carpenter	3	846.00	.....	846.00
243	3	1	Laborer	2	412.00	.....	412.00
244	3	.....	Police officer	2	1,038.00	18.00	1,056.00
245	7	5	Carpenter, United States	1	1,080.00	1,350.00	2,430.00
246	9	7	Laborer, government	7	2,542.00	45.00	2,587.00
247	3	1	Ironworker	1	520.00	.....	520.00
248	11	9	Machinist	1	1,350.00	.....	1,350.00
249	9	7	Driver	1	780.00	23.00	803.00
250	5	3	Laborer	1	324.00	584.00	908.00
251	8	6	(1)	2	1,144.00	.....	1,144.00
252	7	4	Barber	1	624.00	60.00	684.00
253	4	2	Driver	1	780.00	.....	780.00
254	7	5	Molder	1	780.00	.....	780.00
255	5	4	Housewife	.....	.....	520.00	520.00

[1] Not reported.

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TABLE I.—MEMBERSHIP AND INCOME OF FAMILY AND OCCUPATION OF HEAD OF FAMILY OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

PORTUGUESE—Continued.

Family number.	Persons in family not including lodgers.	Children in family.	Occupation of head of family.	Wage earners in family.	Income of family.		
					Annual earnings.	Other.	Total.
256	5	3	Carpenter	2	$1,248.00	$30.00	$1,278.00
257	5	3	Laborer	1	468.00	.....	468.00
258	6	4	Laborer, United States	2	640.00	.....	640.00
259	5	3	Police officer	2	830.00	168.00	998.00
260	2	.....	Office boy	2	464.00	.....	464.00
261	5	3	Laborer	2	900.00	216.00	1,116.00
262	3	1	Clerk	1	240.00	416.00	656.00
263	11	9	Driver	5	1,092.00	372.00	1,464.00
264	2	.....	Carpenter	1	624.00	.....	624.00
265	5	3	Laborer	3	564.00	216.00	780.00
266	3	1	Clerk	1	780.00	.....	780.00
267	6	4	Driver	2	780.00	.....	780.00
268	6	4	Laborer	1	600.00	108.00	708.00
269	6	4	....do	2	832.00	.....	832.00
270	2	.....	Driver	1	416.00	4.00	420.00
271	6	4	Guitar maker	3	1,404.00	.....	1,404.00
272	5	3	Clerk	1	1,020.00	.....	1,020.00
273	7	5	Jeweler	1	858.00	.....	858.00
274	6	4	Barber	1	936.00	.....	936.00
275	4	2	Laborer	3	936.00	.....	936.00
276	6	4	....do	3	936.00	.....	936.00
277	2	.....	Laborer, government	1	468.00	.....	468.00
278	6	4	Laborer	1	572.00	.....	572.00
279	9	7	.....do	1	624.00	.....	624.00
280	4	2	.....do	2	606.00	20.00	626.00
281	9	7	.....do	2	676.00	300.00	976.00
282	5	1	Laborer, United States	1	480.00	24.00	504.00
283	6	4	Driver	1	624.00	.....	624.00
284	8	6	Engineer, assistant	2	988.00	25.00	1,013.00
285	5	3	Laborer	1	468.00	.....	468.00
286	8	6	Carpenter	1	780.00	420.00	1,200.00
287	3	2	[1]	2	390.00	150.00	540.00
288	8	6	Ironworker	2	770.00	104.00	874.00
289	10	8	Laborer	4	864.70	.....	864.70
290	2	.....	Driver	1	604.00	.....	604.00
291	5	3	.....do	1	520.00	.....	520.00
292	5	3	Jeweler	1	1,071.00	.....	1,071.00
293	3	1	Laborer	2	460.00	.....	460.00
294	7	5	Ironworker	1	520.00	.....	520.00
295	7	5	Driver	1	520.00	234.40	754.40
296	3	2	.....	.....	.....	572.00	572.00
297	8	6	Laborer	1	468.00	353.60	821.60
298	5	3	....do	1	493.00	.....	493.00
299	3	1	Invalid	2	180.00	144.00	324.00
300	2	.....	Laborer	1	468.00	.....	468.00
301	4	2	.....do	1	468.00	.....	468.00
302	4	2	Laborer, ironworks	2	538.00	.....	538.00
303	7	5	Plumber	1	780.00	.....	780.00
304	6	4	Janitor and yard boy	1	720.00	.....	720.00
305	8	4	Oiler	2	915.24	72.00	987.24
306	4	2	Driver	1	624.00	.....	624.00
307	2	.....	Shoemaker	2	464.00	.....	464.00
308	6	4	Laborer	1	468.00	.....	468.00
309	3	1	.....do	2	754.00	228.00	982.00
310	2	.....	Baker	1	540.00	.....	540.00
311	4	2	.....do	1	480.00	.....	480.00
312	4	2	Oiler	1	540.00	.....	540.00
313	6	4	Driver	1	676.00	56.00	732.00
314	8	6	Laborer	2	468.00	156.00	624.00
315	11	9	Stonemason	1	576.00	1,040.00	1,616.00
316	3	1	Baker	1	390.00	120.00	510.00
317	10	8	Barber	4	1,352.00	.....	1,352.00
318	7	5	Laborer	1	624.00	.....	624.00
319	9	7	Fireman	1	990.00	.....	990.00
320	9	7	Laborer	2	1,092.00	.....	1,092.00
321	4	1	Clerk	1	560.00	.....	560.00
322	4	3	Office boy	1	434.00	.....	434.00

[1] Unable to work.

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TABLE I.—MEMBERSHIP AND INCOME OF FAMILY AND OCCUPATION OF HEAD OF FAMILY OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Concluded.

PORTUGUESE—Concluded.

Family number.	Persons in family not including lodgers.	Children in family.	Occupation of head of family.	Wage earners in family.	Income of family.		
					Annual earnings.	Other.	Total.
323	3	1	Ironworker	1	$468.00	.....	$468.00
324	2	.....	Barber	1	1,088.00	.....	1,088.00
325	8	6	Office boy	2	572.00	.....	572.00
326	11	9	Driver	1	572.00	$630.00	1,202.00
327	4	2	Ironworker	3	698.00	.....	698.00
328	7	5	Blacksmith	3	1,157.00	.....	1,157.00
329	7	5	Driver	2	572.00	.....	572.00
330	2	.....	.....do	1	520.00	.....	520.00
331	2	.....	Laborer	1	624.00	.....	624.00
332	7	5	.....do	1	624.00	132.00	756.00
333	5	3	.....do	1	819.00	.....	819.00
334	8	6	.....do	3	754.00	.....	754.00
335	2	.....	Plumber	1	546.00	.....	546.00
336	8	6	Laborer	1	468.00	20.00	488.00
337	12	10	.....do	4	1,170.00	.....	1,170.00
338	10	8	.....do	1	624.00	468.00	1,092.00
339	7	5	.....do	1	624.00	.....	624.00
340	9	7	Ironworker	1	936.00	.....	936.00
341	7	5	Laborer	1	572.00	.....	572.00
342	9	8	Driver	3	1,404.00	.....	1,404.00
343	4	2	Watchman	1	468.00	.....	468.00
344	6	4	Driver	1	572.00	.....	572.00
345	2	.....	Laborer	1	520.00	.....	520.00
346	6	4	Luna	1	624.00	96.00	720.00
347	3	1	Laborer	1	520.00	.....	520.00
348	6	4	.....do	3	1,020.00	.....	1,020.00
SPANISH.							
349	6	4	Tailor	2	538.00	.....	538.00

CAUCASIAN.

AMERICAN.							
350	5	3	Motorman	1	$1,020.00	.....	$1,020.00
351	3	1	Saloon keeper	1	1,040.00	.....	1,040.00
352	6	3	Printer	1	867.00	.....	867.00
DANISH.							
353	10	7	Overseer	2	930.00	$156.00	1,086.00
FILIPINO.							
354	2	.....	Machinist	1	936.00	.....	936.00
GERMAN.							
355	2	.....	Assistant sewer engineer	1	600.00	.....	600.00
356	2	.....	Laborer	1	888.00	.....	888.00
357	5	3	Saloon keeper	1	1,092.00	.....	1,092.00
358	6	4	Machinist	1	1,200.00	.....	1,200.00
IRISH.							
359	4	2	Carpenter	1	900.00	.....	900.00
MEXICAN.							
360	9	7	Laborer	1	780.00	.....	780.00
NORWEGIAN.							
361	5	3	Motorman	1	960.00	.....	960.00
362	6	4	Carpenter	2	1,960.00	.....	1,960.00
363	2	.....	Engineer	1	1,500.00	130.00	1,630.00

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TABLE II.—HOME CONDITIONS OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE.

CHINESE.

Family number.	Persons in family.	Rented.	Owned.		Rooms in house.		Bath.		Toilets.	
			Free or mortgaged.	Fee simple or leasehold.	Number.	Per person.	For each family.	Families using.	Kind.	Families using.
1	5	Yes.			4	0.8	No.		Water-closet	3
2	6	Yes.			2	.3	No.		Vault	2
3	8	Yes.			3	.4	No.		do	1
4	10	Yes.			2	.2	Yes.	(1)	do	1
5	7	Yes.			6	.9	Yes.	1	Water-closet	1
6	4	Yes.			2	.5	No.		2 water-closets	5
7	4	Yes.			2	.5	No.		Water-closet	3
8	7	Yes.			4	.6	Yes.	1	do	1
9	5	Yes.			2	.4	Yes.	(1)	do	1
10	10	Yes.			2	.2	Yes.	(1)	do	2
11	9	Yes.			2	.2	Yes.	(1)	do	4
12	5	Yes.			2	.4	No.		do	2
13	12	Yes.			4	.3	No.		do	1
14	10	Yes.			6	.6	Yes.	1	do	1
15	11	Yes.			2	.2	No.		do	(1)
16	8	Yes.			3	.4	Yes.	(1)	Vault	1
17	2	Yes.			1	.5	Yes.	(1)	Water-closet	(1)
18	2	Yes.			2	1.0	Yes.	(1)	do	(1)
19	6	Yes.			2	.3	Yes.	(1)	do	7
20	7	Yes.			2	.3	Yes.	(1)	do	
21	6	Yes.			3	.5	Yes.	(1)	do	(1)
22	7	Yes.			2	.3	Yes.	(1)	do	(1)
23	3	Yes.			2	.7	Yes.	(1)	do	(1)
24	2	Yes.			2	1.0	Yes.	(1)	do	(1)
25	2	Yes.			4	2.0	Yes.	1	do	1
26	7	Yes.			6	.9	Yes.	1	do	1
27	3	Yes.			2	.7	Yes.	(1)	2 water-closets	6
28	5	Yes.			2	.4	Yes.	(1)	Water-closet	(1)
29	7	Yes.			2	.3	Yes.	(1)	do	(1)
30	7	Yes.			2	.3	Yes.	(1)	2 water-closets	6
31	2	Yes.			3	1.5	Yes.	(1)	Water-closet	(1)
32	8	Yes.			5	.6	Yes.	(1)	do	1
33	4	Yes.			2	.5	Yes.	[2] 11	6 water-closets	11
34	4	Yes.			2	.5	Yes.	(1)	Water-closet	(1)
35	4	Yes.			2	.5	Yes.	[2] 11	6 water-closets	11
36	2	Yes.			2	1.0	Yes.	[2] 11	do	11
37	4	Yes.			2	.5	Yes.	(1)	Water-closet	(1)
38	2	Yes.			2	1.0	Yes.	(1)	do	2
39	7	Yes.			3	.4	Yes.	(1)	do	3
40	7	Yes.			2	.3	Yes.	(1)	do	3
41	10	Yes.			4	.4	Yes.	(1)	do	2
42	7		Free	Fee simple.	4	.6	Yes.	1	do	1

HAWAIIAN.

43	4		Free	Fee simple.	8	2.0	Yes.	1	Water-closet	1
44	2	Yes.			5	2.5	Yes.	1	do	1
45	3	Yes.			4	1.3	Yes.	1	do	1
46	2	Yes.			2	1.0	Yes.	2	do	(1)
47	6	Yes.			6	1.0	Yes.	(1)	do	(1)
48	4	Yes.			3	.8	Yes.	(1)	do	1
49	2	Yes.			2	1.0	Yes.	(1)	do	1
50	6	Yes.			6	1.0	Yes.	(1)	do	(1)
51	2		Free	Leasehold.	2	1.0	No.		Closet	1
52	3	Yes.			4	1.3	Yes.	(1)	Water-closet	1
53	2		Free	Fee simple.	6	3.0	Yes.	1	do	1
54	3		do	do	3	1.0	No.		Closet	1
55	2	Yes.			6	3.0	Yes.	1	Water-closet	1
56	2		Free	Leasehold.	4	2.0	No.		Closet	1
57	5		do	Fee simple.	6	1.2	Yes.	1	Water-closet	1
58	3	Yes.			6	2.0	Yes.	(1)	Closet	1
59	2	Yes.			4	2.0	Yes.	(1)	Dry earth closet.	1
60	5		Free	Fee simple.	8	1.6	No.		Closet	(1)
61	3	Yes.			4	1.3	Yes.	(1)	Dry earth closet.	
62	5		Mortgaged	Fee simple.	6	1.2	Yes.	(1)	do	(1)
63	4		do	do	8	2.0	Yes.	1	(1)	1
64	3		Free	do	4	1.3	No.		Closet	1
65	3	Yes.			6	2.0	Yes.	(1)	Dry earth closet.	1

[1] Not reported.

[2] Four bathrooms for 11 families.

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TABLE II.—HOME CONDITIONS OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Continued.

Family number.	Persons in family.	Rented.	Owned.		Rooms in house.		Bath.		Toilets.	
			Free or mortgaged.	Fee simple or leasehold.	Number.	Per person.	For each family.	Families using.	Kind.	Families using.
66	4	Yes.			8	2.0	Yes.	1	(1)	1
67	3	Yes.			8	2.7	Yes.	1	Water-closet	1
68	2	Yes.			6	3.0	Yes.	(1)	Closet	(1)
69	5	Yes.			4	.8	Yes.	(1)	Water-closet	1
70	9	Yes.			6	.7	Yes.	(1)	do	1
71	3	Yes.			4	1.3	Yes.	(1)	do	1
72	3		Free.	Fee simple.	6	2.0	Yes.	(1)	do	1
73	3	Yes.			6	2.0	Yes.	(1)	do	1
74	7	Yes.			6	.9	Yes.	1	do	1
75	3	Yes.			4	1.3	Yes.	1	do	1
76	3	Yes.			4	1.3	No.		Dry earth closet	1
77	5		Free.	Fee simple.	6	1.2	Yes.	(1)	do	1
78	4	Yes.			4	1.0	Yes.	(1)	do	1
79	4	Yes.			6	1.5	Yes.	(1)	Water-closet	1
80	4	Yes.			6	1.5	Yes.	(1)	Dry earth closet	1
81	4	Yes.			6	1.5	Yes.	(1)	do	1
82	6	Yes.			4	.7	No.		Water-closet	1
83	4	Yes.			6	1.5	Yes.	(1)	do	1
84	6	Yes.			8	1.3	Yes.	1	do	1
85	5	Yes.			8	1.6	Yes.	1	do	1
86	7		Free.	Fee simple.	8	1.1	Yes.	(1)	do	(1)
87	5	Yes.			6	1.2	Yes.	(1)	Dry earth closet	1
88	4	Yes.			4	1.0	Yes.	(1)	Water-closet	(1)
89	4		Free.	Fee simple.	6	1.5	Yes.	(1)	do	1
90	6		do.	do.	8	1.3	Yes.	(1)	Closet	1
91	6	Yes.			6	1.0	Yes.	(1)	do	1
92	4	Yes.			6	1.5	Yes.	(1)	Water-closet	1
93	5		Free.	Fee simple.	6	1.2	No.		Closet	1
94	6	Yes.			6	1.0	No.		do	1
95	9	Yes.			6	.7	Yes.	1	Patent closet	1
96	4	Yes.			2	.5	Yes.	1	Earth closet	1
97	4	Yes.			2	.5	Yes [2]	2	do	2
98	4		Free.	Fee simple.	6	1.5	Yes.	1	do	1
99	3	Yes.			2	.7	Yes.	6	Water-closet	6
100	9	Yes.			4	.4	Yes.	1	do	1
101	8		Free.	Fee simple.	4	.5	Yes.	(1)	Earth closet	2
102	5		do.	Leasehold.	3	.6	Yes.	1	do	2
103	5	Yes.			6	1.2	Yes.	(1)	Water-closet	1
104	4	Yes.			6	1.5	Yes.	(1)	do	1
105	5	Yes.			6	1.2	Yes.	2	do	2
106	6	Yes.			8	1.3	Yes.	1	do	1
107	4	Yes.			2	.5	Yes.	(1)	do	(1)
108	4	Yes.			(1)	(1)	Yes.	(1)	do	(1)
109	4	Yes.			6	1.5	Yes.	(1)	do	1
110	5		Free.	Fee simple.	6	1.2	Yes.	(1)	Closet	1
111	5	Yes.			6	1.2	Yes.	(1)	(2)	1
112	5	Yes.			2	.4	Yes.	(1)	Water-closet	(1)
113	5	Yes.			4	.8	Yes.	(1)	do	1
114	5	Yes.			6	1.2	Yes.	(1)	Closet	1
115	4		Free.	Fee simple.	5	1.3	No.		do	1
116	5		do.	do.	6	1.2	Yes.	(1)	do	(1)
117	5	Yes.			6	1.2	Yes.	(1)	Water-closet	1
118	4	Yes.			5	1.3	Yes.	(1)	Closet	1
119	4	Yes.			2	.5	Yes.	(1)	Water-closet	(1)
120	5		Free.	Fee simple.	4	.8	Yes.	(1)	Closet	1
121	4		do.	Leasehold.	4	1.0	Yes.	(1)	do	1
122	4	Yes.			2	.5	Yes.	(1)	Water-closet	(1)
123	4	Yes.			6	1.5	No.		Closet	1
124	4	Yes.			6	1.5	No.		do	1
125	5	Yes.			6	1.2	No.		do	1
126	3	Yes.			2	.7	Yes.	(1)	Water-closet	(1)
127	4	Yes.			2	.5	Yes.	(1)	do	(1)
128	4	Yes.			6	1.5	Yes.	(1)	do	1
129	5	Yes.			4	.8	Yes.	(1)	do	(1)
130	5	Yes.			6	1.2	Yes.	(1)	Closet	1
131	4		Free.	Fee simple.	5	1.3	No.		do	1
132	5		do.	do.	6	1.2	Yes.	(1)	do	1
133	4	Yes.			2	.5	Yes.	(1)	Water-closet	(1)
134	4	Yes.			2	.5	Yes.	(1)	do	(1)
135	4	Yes.			2	.5	Yes.	(1)	do	(1)
136	3	Yes.			2	.7	Yes.	(1)	do	(1)

[1] Not reported.

[2] Bath in other people's yard.

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TABLE II.—HOME CONDITIONS OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Concluded.

Family number.	Persons in family.	Rented.	Owned.		Rooms in house.		Bath.		Toilets.	
			Free or mortgaged.	Fee simple or leasehold.	Number.	Per person.	For each family.	Families using.	Kind.	Families using.
137	4	Yes.			2	0.5	Yes.	(1)	Water-colset	(1)
138	5		Free	Fee simple.	5	1.0	Yes.	(1)	Closet	1
139	3	Yes.			6	2.0	Yes.	(1)	do	1
140	5	Yes.			6	1.2	Yes.	(1)	Water-closet	1
141	4	Yes.			5	1.3	Yes.	(1)	do	1
142	3	Yes.			6	2.0	No		Closet	1
143	4	Yes.			3	.8	Yes.	(1)	Water-closet	(1)
144	4	Yes.			2	.5	Yes.	(1)	do	(1)
145	6	Yes.			7	1.2	Yes.	1	do	1
146	4	Yes.			2	.5	Yes.	(1)	do	(1)
147	5		Free		5	1.0	No		Closet	1
148	5	Yes.			2	.4	Yes.	(1)	Water-closet	(1)
149	4	Yes.			2	.5	Yes.	(1)	do	(1)
150	2	Yes.			2	1.0	Yes.	(1)	do	(1)
151	4	Yes.			2	.5	Yes.	(1)	do	(1)
152	3	Yes.			5	1.7	No		Closet	1
153	4	Yes.			5	1.3	No		do	1
154	2	Yes.			2	1.0	Yes.	(1)	Water-closet	(1)
155	4	Yes.			6	1.5	Yes.	1	do	1
156	6	Yes.			6	1.0	Yes.	1	do	1
157	3	Yes.			6	2.0	Yes.	1	do	1
158	5	Yes.			4	.8	No [2]		Closet	1
159	4	Yes.			6	1.5	Yes.	1	Water-closet	1
160	4	Yes.			4	1.0	Yes.	(1)	do	1
161	3		Free		5	1.7	Yes.	(1)	Closet	1
162	4		do		5	1.3	No [2]		do	1
163	5		do		7	1.4	Yes.	1	Water-closet	1
164	6	Yes.			3	.5	No [2]		Closet	1
165	4		Free		3	.8	No		do	1
166	5		do		3	.6	No		do	1
167	4	Yes.			6	1.5	Yes.	(1)	do	1
168	2	Yes.			4	2.0	No		do	1
169	4	Yes.			4	1.0	Yes.	(1)	Water-closet	(1)

PART-HAWAIIAN.

170	3	Yes.			2	0.7	Yes.	(1)	Pool, old fashion	2
171	8	Yes.			3	.4	Yes.	(1)	do	1
172	5	Yes.			4	.8	Yes.	1	Patent closet	1
173	6	Yes.			5	.8	Yes.	2	Earth closet	1
174	10	Yes.			6	.6	Yes.	1	Patent closet	1
175	7		Free		4	.6	Yes.	1	Earth closet	1
176	10		do		6	.6	Yes.	(1)	Water-closet	1
177	7		do	Leasehold.	4	.6	Yes.	(1)	do	1
178	7	Yes.			5	.7	Yes.	1	Patent closet	1
179	5		Free	Leasehold.	6	1.2	Yes.	(1)	Water-closet	1
180	4	Yes.			5	1.3	Yes.	1	Patent closet	1
181	6		Free	Leasehold.	6	1.0	Yes.	(1)	Dry earth closet	1
182	2	Yes.			3	1.5	Yes.	1	Patent closet	1
183	7	Yes.			3	.4	Yes.	1	do	1
184	5		Free		8	1.6	Yes.	1	Closet	1
185	3		do	Leasehold.	3	1.0	Yes.	(1)	Old-fashion water-closet.	(1)
186	4	Yes.			4	1.0	Yes.	(1)	Dry earth closet	1
187	2	Yes.			4	2.0	Yes.	(1)	do	1
188	4	Yes.			6	1.5	Yes.	(1)	Water-closet	(1)
189	4		Free		8	2.0	Yes.	1	do	1
190	5	Yes.			2	.4	Yes.	(1)	do	(1)
191	5	Yes.			6	1.2	Yes.	(1)	Closet	1
192	3		Free		8	2.7	Yes.	(1)	Water-closet	(1)

[1] Not reported. [2] Inclosure to shield from public

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TABLE II.—HOME CONDITIONS OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

JAPANESE.

Family number.	Persons in family.	Rented.	Owned.		Rooms in house.		Bath.		Toilets.	
			Free or mortgaged.	Fee simple or leasehold.	Number.	Per person.	For each family.	Families using.	Kind.	Families using.
193	6	Yes.	.....	.....	5	0.8	Yes.	1	Vault	1
194	3	Yes.	.....	.....	1	.3	Yes.	6	Water-closet	6
195	4	Yes.	.....	.....	3	.8	Yes.	1	do	1
196	3	Yes.	.....	.....	1	.3	Yes.	(1)	2 water-closets	13
197	3	Yes.	.....	.....	1	.3	No[2].	(2)	3 water-closets	[3]12
198	3	Yes.	.....	.....	1	.3	Yes.	16	Water-closet	8
199	3	.....	.....	Leasehold.	3	1.0	No.	.....	Vault	1
200	3	Yes.	.....	.....	2	.7	Yes.	11	Water-closet	3
201	4	Yes.	.....	.....	1	.3	No.	.....	do	5
202	4	Yes.	.....	.....	2	.5	No.	.....	do	16
203	2	Yes.	.....	.....	2	1.0	No.	.....	10 water-closets	60
204	4	Yes.	.....	.....	1	.3	No.	.....	Water-closet	8
205	6	Yes.	.....	.....	1	.2	No.	.....	do	2
206	3	Yes.	.....	.....	1	.3	No.	.....	do	7
207	5	Yes.	.....	.....	2	.4	No.	.....	do	7
208	3	Yes.	.....	.....	1	.3	No.	.....	do	3
209	3	Yes.	.....	.....	1	.3	No.	.....	do	7
210	6	Yes.	.....	.....	1	.2	No.	.....	do	5
211	3	Yes.	.....	.....	3	1.0	Yes.	1	do	1
212	[4]1	Yes.	.....	.....	1	.3	No.	.....	do	3
213	3	Yes.	.....	.....	1	.3	No.	.....	do	8
214	5	Yes.	.....	.....	2	.4	Yes.	1	Cesspool	1
215	6	Yes.	.....	.....	4	.7	Yes.	(1)	Water-closet	1
216	4	Yes.	.....	.....	1	.3	Yes.	(1)	do	1
217	3	Yes.	.....	.....	1	.3	No.	.....	do	3
218	3	Yes.	.....	.....	1	.3	No.	.....	do	1
219	3	Yes.	.....	.....	1	.3	No.	.....	2 water-closets	15
220	3	Yes.	.....	.....	1	.3	No.	.....	Water-closet	4
221	4	Yes.	.....	.....	1	.3	No.	.....	do	4
222	4	Yes.	.....	.....	1	.3	No.	.....	do	8

PORTUGUESE.

223	9	Yes.	.....	.....	6	0.7	Yes.	1	Water-closet	1
224	3	Yes.	.....	.....	3	1.0	Yes.	2	Privy	2
225	4	Yes.	.....	.....	4	1.0	Yes.	1	Water-closet	1
226	4	.....	Free	Leasehold.	5	1.3	Yes.	2	Privy	2
227	7	Yes.	.....	.....	5	.7	Yes.	1	do	1
228	4	.....	Free	Leasehold.	7	1.8	Yes.	6	do	1
229	2	.....	do	do	5	2.5	Yes.	1	do	1
230	5	Yes.	.....	.....	6	1.2	Yes.	1	do	1
231	2	Yes.	.....	.....	3	1.5	Yes.	2	do	2
232	2	Yes.	.....	.....	5	2.5	Yes.	5	do	2
233	4	Yes.	.....	.....	5	1.3	Yes.	1	do	1
234	4	Yes.	.....	.....	4	1.0	Yes.	(1)	do	4
235	7	Yes.	.....	.....	5	.7	Yes.	1	do	1
236	7	Yes.	.....	.....	6	.9	Yes.	2	Water-closet	2
237	12	.....	Free	Leasehold.	6	.5	Yes.	1	Privy	1
238	7	.....	do	do	5	.7	Yes.	1	do	1
239	4	.....	do	do	6	1.5	Yes.	1	Water-closet	1
240	5	Yes.	.....	.....	6	1.2	Yes.	1	do	1
241	2	Yes.	.....	.....	5	2.5	Yes.	2	Privy	1
242	3	Yes.	.....	.....	5	1.7	Yes.	1	Water-closet	2
243	3	Yes.	.....	.....	5	1.7	Yes.	1	do	1
244	3	Yes.	.....	.....	4	1.3	Yes.	1	do	1
245	7	.....	Free	Leasehold.	4	.6	Yes.	1	do	1
246	9	.....	do	do	7	.8	Yes.	1	Privy	1
247	3	Yes.	.....	.....	6	2.0	Yes.	3	do	1
248	11	.....	Free	Leasehold.	5	.5	Yes.	1	do	3
249	9	.....	do	do	5	.6	Yes.	(1)	do	1
250	7	.....	do	do	7	1.0	Yes.	1	do	2
251	8	.....	do	do	6	.8	Yes.	1	do	1
252	7	.....	do	do	4	.6	Yes.	1	do	1
253	4	Yes.	.....	.....	6	1.5	Yes.	1	do	1

[1] Not reported.
[2] One washing room for 12 families and other single tenants.
[3] And other single tenants.
[4] Mother died Feb. 18, 1910; son died Mar. 10, 1909.

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TABLE II.—HOME CONDITIONS OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

PORTUGUESE—Continued.

Family number.	Persons in family.	Rented.	Owned.		Rooms in house.		Bath.		Toilets.	
			Free or mortgaged.	Fee simple or leasehold.	Number.	Per person.	For each family.	Families using.	Kind.	Families using.
254	7	Yes.			6	.9	Yes.	1	Privy	2
255	6		Free	Leasehold	(1)	(1)	Yes.	1	do	2
256	5	Yes.			5	1.0	Yes.	1	Water-closet	1
257	5	Yes.			3	.6	Yes.	1	do	1
258	6	Yes.			4	.7	Yes.	1	do	1
259	5	Yes.			4	.8	Yes.	3	Privy	3
260	2	Yes.			3	1.5	Yes.	3	do	3
261	5		Free	Leasehold	6	1.2	Yes.	1	do	1
262	4		do	do	6	1.5	Yes.	1	Water-closet	1
263	11		do	do	6	.5	Yes.	1	do	1
264	2	Yes.			6	3.0	Yes.	1	do	1
265	5		Free	Fee simple	5	1.0	Yes.	1	do	1
266	3	Yes.			6	2.0	Yes.	1	do	1
267	6	Yes.			6	1.0	Yes.	1	do	1
268	6		Free	Fee simple	6	1.0	Yes.	1	Privy	1
269	6		do	do	6	1.0	Yes.	1	do	1
270	2	Yes.			3	1.5	Yes.	3	Water-closet	3
271	6	Yes.			6	1.0	Yes.	1	do	1
272	5	Yes.			7	1.4	Yes.	1	do	1
273	7	Yes.			4	.6	Yes.	4	Privy	1
274	6		Free	Fee simple	7	1.2	Yes.	1	Water-closet	1
275	4	Yes.			4	1.0	Yes.	1	Privy	1
276	6	Yes.			4	.7	Yes.	1	do	1
277	2	Yes.			4	2.0	Yes.	1	do	1
278	6	Yes.			4	.7	Yes.	1	do	1
279	9	Yes.			5	.6	Yes.	1	Water-closet	1
280	4		Free	Fee simple	5	1.3	Yes.	1	Privy	1
281	9		do	Leasehold	(1)	(1)	Yes.	1	Water-closet	1
282	5	Yes.			4	.8	Yes.	2	do	2
283	6	Yes.			4	.7	Yes.	2	do	2
284	8		Free	Leasehold	5	.6	Yes.	1	do	1
285	5	Yes.			4	.8	Yes.	1	do	1
286	8		Free	Leasehold	5	.6	Yes.	1	do	1
287	3		do	do	4	1.3	Yes.	3	Privy	3
288	9	Yes.			5	.6	Yes.	7	Water-closet	2
289	10	Yes.			4	.4	Yes.	3	Privy	3
290	2	Yes.			5	2.5	Yes.	3	do	3
291	5	Yes.			4	.8	Yes.	1	do	1
292	5	Yes.			5	1.0	Yes.	1	Water-closet	1
293	3	Yes.			3	1.0	Yes.	1	Privy	1
294	7	Yes.			5	.7	Yes.	3	do	3
295	8	Yes.			7	.9	Yes.	5	do	5
296	3	Yes.			4	1.3	Yes.	3	do	3
297	9		Free	Leasehold	5	.6	Yes.	1	do	1
298	5	Yes.			4	.8	Yes.	3	do	2
299	3	Yes.			4	1.3	Yes.	2	do	2
300	2	Yes.			3	1.5	Yes.	2	do	2
301	4		Free	Leasehold	5	1.3	Yes.	2	do	1
302	4	Yes.			5	1.3	Yes.	3	do	3
303	7	Yes.			5	.7	Yes.	3	do	3
304	6		Free	Leasehold	8	1.3	Yes.	(1)	Water-closet	1
305	8		do	do	5	.6	Yes.	2	Privy	1
306	4	Yes.			4	1.0	Yes.	2	do	2
307	2	Yes.			(1)	(1)	Yes.	2	do	2
308	6	Yes.			4	.7	Yes.	2	do	2
309	3		Free	Leasehold	5	1.7	Yes.	5	do	2
310	2	Yes.			5	2.5	Yes.	5	do	2
311	4	Yes.			4	1.0	Yes.	5	do	1
312	4	Yes.			4	1.0	Yes.	5	do	2
313	6		Free	Leasehold	5	.8	Yes.	1	do	1
314	8	Yes.			4	.5	Yes.	3	do	3
315	11	Yes.			5	.5	Yes.	1	do	1
316	3		Free	Fee simple	5	1.7	Yes.	1	Water-closet	1
317	10		do	do	5	.5	Yes.	1	Privy	1
318	7	Yes.			5	.7	Yes.	1	do	1
319	9	Yes.			5	.6	Yes.	1	Water-closet	1
320	9	Yes.			5	.6	Yes.	1	Privy	1
321	4	Yes.			5	1.3	Yes.	1	do	1
322	4	Yes.			5	1.3	Yes.	6	Water-closet	2
323	3	Yes.			5	1.7	Yes.	6	do	2
324	2	Yes.			5	2.5	Yes.	(1)	do	1

[1] Not reported.

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TABLE II.—HOME CONDITIONS OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Concluded.

PORTUGUESE—Concluded.

Family number.	Persons in family.	Rented.	Owned.		Rooms in house.		Bath.		Toilets.	
			Free or mortgaged.	Fee simple or leasehold.	Number.	Per person.	For each family.	Families using.	Kind.	Families using.
325	8	Yes.			5	0.6	Yes.	1	Privy	1
326	11		Free	Leasehold	7	.6	Yes.	1	do	1
327	4	Yes.			6	1.5	Yes.	4	Water-closet	3
328	7	Yes.			5	.7	Yes.	2	do	2
329	7	Yes.			4	.6	Yes.	(1)	do	1
330	2		Free	Fee simple.	5	2.5	Yes.	(1)	do	1
331	2	Yes.			2	1.0	Yes.	(1)	4 water-closets	20
332	7		Free	Leasehold	4	.6	Yes.	1	Water-closet	1
333	5	Yes.			5	1.0	Yes.	1	Privy	1
334	8		Free	Fee simple.	5	.6	Yes.	1	do	1
335	2	Yes.			5	2.5	Yes.	(1)	do	2
336	8		Free	Fee simple.	4	.5	Yes.	1	do	1
337	12		do	do	5	.4	Yes.	1	do	1
338	10		do	do	7	.7	Yes.	1	do	1
339	7		do	do	5	.7	Yes.	1	do	1
340	9		do	do	6	.7	Yes.	(1)	do	1
341	7		do	do	7	1.0	Yes.	1	do	1
342	9	Yes.			6	.7	Yes.	1	do	1
343	4	Yes.			5	1.3	Yes.	(1)	(1)	1
344	6	Yes.			5	.8	Yes.	(1)	Privy	1
345	2		Free	Fee simple.	5	2.5	Yes.	1	do	1
346	6		do	Leasehold	6	1.0	Yes.	1	Water-closet	1
347	3	Yes.			4	1.3	Yes.	(1)	do	1
348	6	Yes.			6	1.0	Yes.	1	do	1
SPANISH.										
349	6	Yes.			5	.8	Yes.	1	Privy	1

CAUCASIAN.

AMERICAN.										
350	5		Free	Fee simple.	6	1.2	Yes.	1	Water-closet	1
351	3	Yes.			6	2.0	No.	2	Privy	2
352	6	Yes.			5	.8	Yes.	1	Water-closet	1
DANISH.										
353	10		Free	Leasehold	4	.4	Yes.	1	do	1
FILIPINO.										
354	2		Free	Fee simple.	7	3.5	Yes.	1	do	1
GERMAN.										
355	2	Yes.			5	2.5	No.	3	do	2
356	2		Free	Leasehold	5	2.5	Yes.	1	Privy	1
357	5	Yes.			5	1.0	Yes.	1	Water-closet	1
358	6	Yes.			7	1.2	Yes.	(1)	do	1
IRISH.										
359	4	Yes.			4	1.0	Yes.	1	Dry box	1
MEXICAN.										
360	9	Yes.			6	.7	Yes.	1	Water-closet	1
NORWEGIAN.										
361	5	Yes.			6	1.2	Yes.	1	do	1
362	6	Yes.			6	1.0	Yes.	(1)	2 water-closets	2
363	3		Free	Leasehold	5	1.7	Yes.	1	Water-closet	1

[1] Not reported.

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TABLE III.—INCOME OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE.

CHINESE.

Family number.	Annual earnings of—			Gratuities.	Pensions and benefits.	House rents.	Lodgers and boarders.	Garden, fowls, etc.	Other sources.	Total.
	Father.	Mother.	Children.							
1	$780.00									$780.00
2	312.00							$40.00	$52.00	404.00
3	312.00							165.00		477.00
4	390.00		$260.00					25.00		675.00
5	1,210.00						$48.00			1,258.00
6	338.00								125.00	463.00
7	624.00								140.00	764.00
8	520.00									520.00
9	338.00							26.00		364.00
10	312.00		78.00							390.00
11	390.00									390.00
12	312.00	$175.00								487.00
13	468.00		317.20							785.20
14	780.00		65.00							845.00
15	364.00							45.00		409.00
16	364.00					$108.00				472.00
17	624.00									624.00
18	312.00	30.00		$132.00						474.00
19	312.00			260.00						572.00
20	338.00	50.00							60.00	448.00
21			650.00	208.00			30.00			888.00
22	624.00									624.00
23	312.00			228.00						540.00
24	312.00			180.00						492.00
25	900.00									900.00
26	624.00			300.00			104.00			1,028.00
27	520.00									520.00
28	416.00									416.00
29	416.00									416.00
30	416.00									416.00
31	520.00									520.00
32	325.00			300.00			72.00			697.00
33	300.00			120.00						420.00
34	416.00									416.00
35	832.00									832.00
36	260.00									260.00
37	520.00									520.00
38	312.00								290.00	602.00
39	364.00		416.00							780.00
40	728.00									728.00
41	600.00		75.00							675.00
42	720.00									720.00

HAWAIIAN.

43	$520.00		$151.00						$200.00	$871.00
44	660.00									660.00
45	700.00									700.00
46	780.00									780.00
47	780.00								200.00	980.00
48	410.00						$130.00			540.00
49	375.00									375.00
50	1,050.00					$200.00				1,250.00
51	272.00							$10.00		282.00
52	624.00									624.00
53	624.00									624.00
54	280.00								578.00	858.00
55	520.00									520.00
56	180.00	$442.00								622.00
57	624.00									624.00
58	468.00									468.00
59	936.00									936.00
60	868.00						50.00			918.00
61	520.00									520.00
62	624.00		390.00							1,014.00
63	1,404.00									1,404.00
64	520.00							45.00		565.00
65	520.00		288.00							808.00
66	624.00		686.00							1,310.00
67	720.00									720.00
68	780.00									780.00

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TABLE III.—INCOME OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Continued.

Family number.	Annual earnings of—			Gratuities.	Pensions and benefits.	House rents.	Lodgers and boarders.	Garden, fowls, etc.	Other sources.	Total.
	Father.	Mother.	Children.							
69	$1,008.00									$1,008.00
70	780.00		$212.00							1,092.00
71	1,456.00								$1,248.00	2,704.00
72	624.00									624.00
73	520.00									520.00
74	1,092.00		390.00							1,482.00
75	520.00									520.00
76	508.00									508.00
77	1,260.00		420.00							1,680.00
78	624.00									624.00
79	1,092.00									1,092.00
80	520.00						$324.10			844.10
81	1,092.00									1,092.00
82	936.00									936.00
83	1,092.00									1,092.00
84	780.00		624.00							1,404.00
85	1,248.00									1,248.00
86	1,404.00					$20.00				1,424.00
87	624.00									624.00
88	650.00									650.00
89	780.00									780.00
90	480.00		546.00						450.00	1,476.00
91	724.00								53.75	777.75
92	780.00									780.00
93	702.00								160.00	862.00
94	810.00								200.00	1,010.00
95	936.00									936.00
96	450.00									450.00
97	459.00									459.00
98	288.00		180.00				37.00	$7.00		512.00
99	360.00	$120.00								480.00
100	840.00									840.00
101	80.00		735.00							815.00
102	525.00									525.00
103	780.00									780.00
104	707.75									707.75
105	840.00									840.00
106	702.00		1,136.00							1,838.00
107	624.00									624.00
108	676.00									676.00
109	1,092.00									1,092.00
110	1,248.00									1,248.00
111	780.00									780.00
112	780.00									780.00
113	780.00								500.00	1,280.00
114	948.00									948.00
115	624.00		624.00							1,248.00
116	624.00								200.00	824.00
117	936.00									936.00
118	624.00									624.00
119	910.00									910.00
120	702.00									702.00
121	702.00									702.00
122	624.00		624.00							1,248.00
123	1,092.00		468.00							1,560.00
124	624.00		1,008.00						96.00	1,728.00
125	780.00		1,092.00							1,872.00
126	1,014.00									1,014.00
127	624.00									624.00
128	1,092.00									1,092.00
129	624.00		468.00							1,092.00
130	624.00		624.00							1,248.00
131	624.00		624.00					21.00		1,269.00
132	1,248.00									1,248.00
133	780.00									780.00
134	624.00									624.00
135	624.00									624.00
136	702.00									702.00
137	702.00									702.00
138	624.00		624.00							1,248.00
139	624.00									624.00
140	936.00									936.00
141	702.00						208.00			910.00
142	936.00		456.00							1,392.00
143	1,117.00									1,117.00

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TABLE III.—INCOME OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Concluded.

Family number.	Annual earnings of—			Gratuities.	Pensions and benefits.	House rents.	Lodgers and boarders.	Garden, fowls, etc.	Other sources.	Total.
	Father.	Mother.	Children.							
144	$624.00									$624.00
145	1,092.00		$1,092.00							2,184.00
146	780.00									780.00
147	960.00									960.00
148	702.00									702.00
149	624.00								$180.00	804.00
150	624.00									624.00
151	780.00									780.00
152	936.00									936.00
153	702.00									702.00
154	624.00									624.00
155	936.00									936.00
156	780.00		624.00							1,404.00
157	780.00								265.00	1,045.00
158	1,092.00									1,092.00
159	936.00									936.00
160	1,092.00									1,092.00
161	702.00								120.00	822.00
162	624.00									624.00
163	1,192.00								150.00	1,342.00
164	780.00							$18.50		798.50
165	780.00									780.00
166	780.00								150.00	930.00
167	780.00									780.00
168	780.00									780.00
169	624.00									624.00

PART-HAWAIIAN.

170	$720.00									$720.00
171	390.00						$384.00			774.00
172	1,350.00									1,350.00
173	360.00									360.00
174	1,323.00						520.00			1,843.00
175	840.00						130.00			970.00
176	1,800.00								$600.00	2,400.00
177	468.00						40.00			508.00
178	1,456.00						260.00			1,716.00
179	936.00									936.00
180	900.00									900.00
181	1,248.00									1,248.00
182	520.00									520.00
183	840.00									840.00
184	490.00								180.00	670.00
185	1,196.00									1,196.00
186	624.00						65.00			689.00
187	376.00									376.00
188	468.00									468.00
189	1,092.00									1,092.00
190	702.00									702.00
191	910.00								150.00	1,060.00
192	1,300.00									1,300.00

JAPANESE.

193	$447.50	$30.00						$70.00	$60.00	$607.50
194	312.00									312.00
195	492.00									492.00
196	312.00	20.00							48.00	380.00
197	323.85	15.00								338.85
198	280.80									280.80
199	286.00							25.00	180.00	491.00
200	364.00	65.00								429.00
201	352.50									352.50
202	247.00		$247.00							494.00
203	416.00									416.00
204	375.00									375.00
205	312.00	88.00								400.00
206	240.00	255.00								495.00
207	306.00	55.00								361.00

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TABLE III.—INCOME OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

JAPANESE—Concluded.

Family number.	Annual earnings of—			Gratuities.	Pensions and benefits.	House rents.	Lodgers and boarders.	Garden, fowls, etc.	Other sources.	Total.
	Father.	Mother.	Children.							
208	$312.00									$312.00
209	205.00	$120.00								325.00
210	378.00	60.00								438.00
211	350.00	54.00				$96.00				500.00
212	360.00									360.00
213	360.00	147.00								507.00
214	416.00									416.00
215	240.00	75.00	$364.00							679.00
216	300.00	60.00								360.00
217	264.00	72.00								336.00
218	468.00	60.00								528.00
219	288.00	65.00								353.00
220	338.00	75.00								413.00
221	525.00	80.00								605.00
222	360.00	35.00								395.00

PORTUGUESE.

223	$390.00	$15.00	$754.00							$1,159.00
224	572.00									572.00
225	367.50	120.00			$19.00		$126.00			632.50
226	510.00					$60.00	546.00			1,116.00
227	468.00				34.25			$25.00		527.25
228	600.60					300.00		40.00		940.60
229	414.00					36.00		20.00		470.00
230	828.00									828.00
231	260.00	78.00								338.00
232	520.00									520.00
233	432.00				26.25					458.25
234	624.00									624.00
235	468.00	52.00								520.00
236			104.00				702.00			806.00
237	234.00		806.00		163.00	72.00		100.00		1,375.00
238	324.00	208.00			1,500.00	420.00				2,452.00
239	514.72					96.00	312.00			922.72
240	520.00									520.00
241	572.00									572.00
242	660.00	30.00	156.00							846.00
243	360.00	52.00								412.00
244	700.00	338.00			18.00					1,056.00
245	1,080.00				1,350.00					2,430.00
246	624.00	150.00	1,768.00					45.00		2,587.00
247	520.00									520.00
248	1,350.00									1,350.00
249	780.00							23.00		803.00
250	324.00					168.00	416.00			908.00
251	936.00		208.00							1,144.00
252	624.00								$30.00	684.00
253	780.00									780.00
254	780.00									780.00
255		10.00				250.00	260.00			520.00
256	1,092.00	30.00	156.00							1,278.00
257	468.00									468.00
258	520.00	120.00								640.00
259	770.00	60.00				168.00				998.00
260	416.00	48.00								464.00
261	200.00		700.00			216.00				1,116.00
262	240.00						416.00			656.00
263	624.00		468.00			372.00				1,464.00
264	624.00									624.00
265	200.00		364.00			216.00				780.00
266	780.00									780.00
267	624.00		156.00							780.00
268	600.00					108.00				708.00
269	468.00		364.00							832.00
270	416.00				4.00					420.00
271	624.00		364.00				416.00			1,404.00
272	900.00	120.00								1,020.00
273	858.00									858.00
274	936.00									936.00
275	468.00		468.00							936.00
276	468.00		468.00							936.00
277	468.00									468.00

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TABLE III.—INCOME OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

PORTUGUESE—Concluded.

Family number.	Annual earnings of—			Gratuities.	Pensions and benefits.	House rents.	Lodgers and boarders.	Garden, fowls, etc.	Other sources.	Total.
	Father.	Mother.	Children.							
278	$572.00									$572.00
279	624.00									624.00
280	450.00		$156.00		$20.00					626.00
281	468.00		208.00			$300.00				976.00
282	468.00	$12.00			24.00					504.00
283	624.00									624.00
284	624.00				25.00		$364.00			1,013.00
285	468.00									468.00
286	780.00					420.00				1,200.00
287			390.00			120.00		$30.00		540.00
288	750.00		20.00				104.00			874.00
289	375.00	185.00	304.70							864.70
290	520.00	84.00								604.00
291	520.00									520.00
292	1,071.00									1,071.00
293	200.00		260.00							460.00
294	520.00									520.00
295	520.00					26.40	208.00			754.40
296							572.00			572.00
297	468.00		41.60				312.00			821.60
298	468.00	25.00								493.00
299		180.00			144.00					324.00
300	468.00									468.00
301	468.00									468.00
302	468.00	70.00								538.00
303	780.00									780.00
304	720.00									720.00
305	890.24	25.00				72.00				987.24
306	624.00									624.00
307	416.00	48.00								464.00
308	468.00									468.00
309	624.00		130.00			228.00				982.00
310	540.00									540.00
311	480.00									480.00
312	540.00									540.00
313	676.00	6.00						50.00		732.00
314	468.00						156.00			624.00
315	576.00						1,040.00			1,616.00
316			390.00		120.00					510.00
317	780.00		572.00							1,352.00
318	624.00									624.00
319	990.00									990.00
320	624.00		468.00							1,092.00
321	520.00							40.00		560.00
322		18.00	416.00							434.00
323	468.00									468.00
324	1,088.00									1,088.00
325			572.00							572.00
326	572.00					630.00				1,202.00
327	520.00	48.00	130.00							698.00
328	624.00		533.00							1,157.00
329	416.00		156.00							572.00
330	520.00									520.00
331	624.00									624.00
332	624.00					132.00				756.00
333	819.00									819.00
334	312.00		442.00							754.00
335	546.00									546.00
336	468.00								$20.00	488.00
337	234.00		936.00							1,170.00
338	624.00		468.00							1,092.00
339	624.00									624.00
340	936.00									936.00
341	572.00									572.00
342			1,404.00							1,404.00
343	468.00									468.00
344	572.00									572.00
345	520.00									520.00
346	624.00					96.00				720.00
347	520.00									520.00
348	240.00		780.00							1,020.00
SPANISH.										
349	480.00	58.00								538.00

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TABLE III.—INCOME OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Concluded.

CAUCASIAN.

Family number.	Annual earnings of—			Gratuities.	Pensions and benefits.	House rents.	Lodgers and boarders.	Garden, fowls, etc.	Other sources.	Total.
	Father.	Mother.	Children.							
AMERICAN.										
350	$1,020.00									$1,020.00
351	1,040.00									1,040.00
352	867.50									867.50
DANISH.										
353	930.00						$156.00			1,086.00
FILIPINOS.										
354	936.00									936.00
GERMAN.										
355	600.00									600.00
356	888.00									888.00
357	1,092.00									1,092.00
358	1,200.00									1,200.00
IRISH.										
359	900.00									900.00
MEXICAN.										
360	780.00									780.00
NORWEGIAN.										
361	960.00									960.00
362	1,060.00		$900.00							1,960.00
363	1,500.00						130.00			1,630.00

TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE.

CHINESE.

[Maintenance of house includes taxes, interest, ground rent, insurance, etc.]

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of—	
											Surplus.	Deficit.
1	5	$84.00	$49.99	$65.40	$325.65	$126.00	$30.00	$82.10	$763.14	$780.00	$16.86	
2	6	24.00	15.34	4.00	251.94	52.00		76.35	423.63	404.00		$19.63
3	8	30.00	15.86	5.00	294.84	55.00	2.00	71.95	474.65	477.00	2.35	
4	10	24.00	8.32	13.00	319.02	95.00	2.00	155.20	616.54	675.00	58.46	
5	7	192.00	54.17	49.00	492.57	141.50	60.00	173.80	1,163.04	1,258.00	94.96	
6	4	54.00	16.12	34.00	167.70	59.00	12.00	245.10	587.92	463.00		124.92
7	4	54.00	16.12	25.50	171.73	151.00	2.00	328.06	748.41	764.00	15.59	
8	7	(1)	23.14	52.50	215.02	104.00	40.50	66.70	501.86	520.00	18.14	
9	5	(1)	3.12	11.50	235.66	35.00	7.50	68.90	361.68	364.00	2.32	
10	10	48.00	16.12	3.50	201.37	65.00	2.00	36.60	372.59	390.00	17.41	
11	9	54.00	23.92	11.00	395.98	141.00	5.00	242.90	873.80	890.00	16.20	
12	5	54.00	13.52	9.50	199.16	65.00	19.00	108.10	468.28	487.00	18.72	
13	12	96.00	29.12	7.00	407.42	110.00	5.00	99.45	753.99	785.20	31.21	
14	10	120.00	34.45	21.00	374.27	110.00	35.00	100.90	795.62	845.00	49.38	
15	11	(1)	3.12	8.00	273.78	50.00	2.00	71.40	408.30	409.00	.70	
16	8	60.00	21.32	8.00	239.72	80.00	5.00	47.45	461.49	472.00	10.51	
17	2	30.00	25.87	18.00	147.42	67.00	25.00	150.00	463.29	624.00	160.71	
18	2	54.00	16.12	4.00	160.42	75.00	1.00	143.80	454.34	474.00	19.66	

[1] Rent free.

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TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

CHINESE—Concluded.

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of— Surplus.	Amount of— Deficit.
19	6	$36.00	$16.12	$8.00	$305.53	$75.00	$1.00	$112.05	$553.70	$572.00	$18.30	.....
20	7	54.00	18.72	6.00	228.80	60.00	5.00	50.20	422.72	448.00	25.28	.....
21	6	36.00	23.04	7.00	293.02	168.00	14.00	127.60	668.66	888.00	219.34	.....
22	7	36.00	20.02	12.00	266.50	137.00	15.00	127.80	614.32	624.00	9.68	.....
23	3	36.00	16.12	12.00	235.30	116.00	22.00	102.10	539.52	540.00	.48	.....
24	2	30.00	26.52	21.00	113.10	108.00	5.00	157.30	460.92	492.00	31.08	.....
25	2	150.00	23.92	14.00	207.74	103.00	7.50	267.60	773.76	900.00	126.24	.....
26	7	120.00	26.52	33.00	354.38	193.00	50.00	221.00	997.90	1,028.00	30.10	.....
27	3	54.00	18.72	19.00	125.58	60.00	9.00	74.10	360.40	520.00	159.60	.....
28	5	54.00	29.12	17.00	176.54	70.00	10.00	128.00	484.66	416.00	.....	$68.66
29	7	54.00	18.72	16.00	155.22	71.00	5.00	81.60	401.54	416.00	14.46	.....
30	7	54.00	21.84	13.00	169.78	85.00	3.00	65.80	412.42	416.00	3.58	.....
31	2	72.00	13.52	24.00	199.68	86.00	35.00	80.20	510.40	520.00	9.60	.....
32	8	162.00	36.92	25.00	235.56	106.00	10.00	80.70	656.18	697.00	40.82	.....
33	4	60.00	15.12	10.00	136.76	55.00	14.00	123.90	415.78	420.00	4.22	.....
34	4	60.00	10.92	13.00	227.50	55.00	20.00	19.20	405.62	416.00	10.38	.....
35	4	60.00	23.92	32.00	362.96	105.00	32.00	67.40	683.28	832.00	148.72	.....
36	2	60.00	7.02	7.00	103.22	45.00	.....	37.20	259.44	260.00	.56	.....
37	4	60.00	23.92	8.50	239.20	65.00	20.00	81.60	498.22	520.00	21.78	.....
38	2	48.00	3.12	20.00	[1] 72.00	70.00	13.00	129.20	355.32	602.00	246.68	.....
39	7	78.00	26.52	18.00	232.96	125.00	7.00	230.40	717.88	780.00	62.12	.....
40	7	48.00	29.12	30.50	268.32	120.00	10.00	109.10	615.04	728.00	112.96	.....
41	10	48.00	56.15	.....	379.60	140.00	17.50	41.50	682.75	675.00	.....	7.75
42	7	42.00	53.95	.....	404.30	117.50	45.00	19.50	682.25	720.00	37.75	.....

HAWAIIAN.

43	4	$236.00	$12.05	.....	$261.92	$51.30	$12.00	$160.10	$733.37	$871.00	$137.63	.....
44	2	96.00	34.45	$92.50	170.63	44.60	3.00	83.25	524.43	660.00	135.57	.....
45	3	120.00	37.05	32.00	208.65	29.50	8.50	112.80	548.50	700.00	151.50	.....
46	2	36.00	34.30	43.75	224.60	212.00	14.00	62.20	626.85	780.00	153.15	.....
47	6	90.00	39.65	22.50	350.01	113.50	32.00	33.30	680.96	980.00	299.04	.....
48	4	72.00	42.90	4.75	264.55	98.00	3.50	42.20	527.90	540.00	12.10	.....
49	2	30.00	19.83	37.90	105.04	50.00	.....	33.90	267.67	375.00	98.33	.....
50	6	120.00	55.30	33.75	457.86	210.00	29.50	161.20	1,067.61	1,250.00	182.39	.....
51	2	7.10	24.05	.....	135.85	47.00	5.00	58.00	277.00	282.00	5.00	.....
52	3	120.00	57.85	20.75	347.75	85.00	.....	83.00	714.35	624.00	.....	$90.35
53	2	13.40	22.53	54.75	171.60	56.00	.....	85.90	404.18	624.00	219.82	.....
54	3	4.30	18.85	7.75	130.00	148.00	6.50	133.20	448.60	858.00	409.40	.....
55	2	96.00	29.12	41.00	197.34	40.00	3.50	38.40	445.36	520.00	74.64	.....
56	2	82.65	10.92	.....	168.09	52.00	.....	79.15	392.81	622.00	229.19	.....
57	5	22.25	13.65	6.00	215.30	58.00	19.00	117.40	451.60	624.00	172.40	.....
58	3	78.00	18.85	69.75	168.74	17.75	.....	13.20	366.29	468.00	101.71	.....
59	2	96.00	29.25	33.30	268.26	100.20	.....	159.40	686.41	936.00	249.59	.....
60	5	14.80	33.80	7.30	384.15	90.45	4.80	225.30	760.60	918.00	157.40	.....
61	3	96.00	29.25	17.25	188.50	52.50	.....	30.00	413.50	520.00	106.50	.....
62	5	131.25	24.05	.....	283.40	85.00	.....	67.60	591.30	1,014.00	422.70	.....
63	4	93.25	16.25	386.80	294.58	94.90	6.00	149.85	1,041.63	1,404.04	362.37	.....
64	3	26.50	21.45	3.25	274.04	87.65	.....	124.15	537.04	565.00	27.96	.....
65	3	96.00	44.72	.....	350.22	156.40	.....	53.10	700.44	808.00	107.56	.....
66	4	120.00	34.45	49.00	479.44	227.80	.....	101.20	1,011.89	1,310.00	298.11	.....
67	3	[2]	16.12	48.00	217.75	161.00	3.50	88.15	534.52	720.00	185.48	.....
68	2	96.00	29.25	.....	222.30	127.25	.....	106.60	581.40	780.00	198.60	.....
69	5	48.00	19.50	17.00	388.05	167.90	.....	50.80	691.25	1,008.00	316.75	.....
70	9	120.00	37.70	.....	297.70	233.50	.....	56.40	745.30	1,092.00	346.70	.....
71	3	48.00	88.40	17.00	511.16	253.40	4.00	685.40	1,607.36	2,704.00	1,096.64	.....
72	3	8.65	29.25	46.50	228.15	163.25	6.00	63.45	545.25	624.00	78.75	.....
73	3	96.00	18.85	12.00	213.92	105.00	3.50	48.05	497.32	520.00	22.68	.....
74	7	120.00	16.90	25.25	389.35	235.50	.....	47.50	834.50	1,482.00	647.50	.....
75	3	48.00	19.50	.....	200.20	139.50	16.00	42.20	465.40	520.00	54.60	.....
76	3	96.00	16.25	.....	237.64	117.50	.....	39.20	506.59	508.00	1.41	.....
77	5	12.50	37.70	56.00	423.15	390.90	.....	152.50	1,072.75	1,680.00	607.25	.....
78	4	96.00	16.90	10.00	244.79	138.60	.....	58.65	564.94	624.00	59.06	.....
79	4	120.00	29.90	13.00	410.15	275.50	39.00	68.50	956.05	1,092.00	135.95	.....
80	4	120.00	35.10	.....	528.19	177.00	.....	57.20	917.49	844.10	.....	73.39
81	4	120.00	29.25	.....	482.95	145.00	.....	48.90	826.10	1,092.00	265.90	.....

[1] Wife boards.

[2] Rent free.

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TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Continued.

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of—	
											Surplus.	Deficit.
82	6	$96.00	$24.05	$6.50	$310.05	$135.00	.....	$51.00	$622.60	$936.00	$313.40	.....
83	4	96.00	29.25	.....	462.15	175.00	.....	41.30	803.70	1,092.00	288.30	.....
84	6	120.00	50.70	58.00	727.35	200.00	.....	70.70	1,226.75	1,404.00	177.25	.....
85	5	144.00	26.65	.....	403.00	227.00	$12.50	102.80	915.95	1,248.00	332.05	.....
86	7	701.40	22.88	.....	349.05	180.30	.....	71.60	1,325.23	1,424.00	98.77	.....
87	5	108.00	35.10	6.50	311.74	121.50	.....	20.60	603.44	624.00	20.56	.....
88	4	60.00	16.90	9.50	358.80	158.00	.....	33.70	636.90	650.00	13.10	.....
89	4	45.70	11.05	.....	374.40	123.50	.....	70.30	624.95	780.00	155.05	.....
90	6	132.50	19.50	26.50	586.04	265.40	.....	149.10	1,179.04	1,476.00	296.96	.....
91	6	48.00	11.05	.....	437.84	219.00	.....	48.60	764.49	777.75	13.26	.....
92	4	120.00	21.45	10.00	371.80	192.00	.....	59.50	774.75	780.00	5.25	.....
93	5	133.90	11.05	.....	392.60	146.00	4.00	143.90	831.45	862.00	30.55	.....
94	6	100.00	24.05	16.80	444.28	252.25	.....	103.30	940.68	1,010.00	69.32	.....
95	9	144.00	65.20	108.00	528.60	46.00	12.00	96.50	1,000.30	936.00	.....	$64.30
96	4	60.00	22.10	38.35	272.13	34.00	.....	89.00	515.58	450.00	.....	65.58
97	4	(1)	7.80	3.00	258.70	34.00	.75	127.50	431.75	459.00	27.25	.....
98	4	6.00	9.10	7.25	261.56	38.00	1.00	121.75	444.66	512.00	67.34	.....
99	3	36.00	7.15	.30	330.20	18.00	.....	43.55	435.20	480.00	44.80	.....
100	9	120.00	23.40	70.25	491.40	52.00	11.50	27.85	796.40	840.00	43.60	.....
101	8	77.75	13.00	35.50	351.00	42.00	15.00	58.10	592.35	815.00	222.65	.....
102	5	15.00	20.80	7.75	312.00	26.00	12.75	99.65	493.95	525.00	31.05	.....
103	5	120.00	11.70	.....	359.40	122.20	3.50	52.30	669.10	780.00	110.90	.....
104	4	96.00	24.70	.....	377.00	144.50	.....	41.90	684.10	707.75	23.65	.....
105	5	120.00	16.90	23.00	352.40	175.50	.....	33.20	721.00	840.00	119.00	.....
106	6	180.00	24.70	80.50	523.51	305.40	6.50	87.90	1,208.51	1,838.00	629.49	.....
107	4	48.00	24.70	.....	231.40	106.30	.....	56.00	466.40	624.00	157.60	.....
108	4	48.00	24.70	9.50	365.30	147.25	.....	49.50	644.25	676.00	31.75	.....
109	4	120.00	24.70	57.50	341.60	160.40	.....	52.10	756.30	1,092.00	335.70	.....
110	5	42.95	29.90	.....	399.10	239.00	.....	108.35	819.30	1,248.00	428.70	.....
111	5	120.00	22.10	.....	414.44	107.25	.....	41.30	705.09	780.00	74.91	.....
112	5	60.00	14.30	.....	403.00	157.00	.....	50.60	684.90	780.00	95.10	.....
113	5	78.00	11.70	10.00	404.30	265.30	13.50	37.05	819.85	1,280.00	460.15	.....
114	5	96.00	24.70	7.50	440.70	150.40	.....	38.80	758.10	948.00	189.90	.....
115	4	9.50	11.70	11.00	574.60	150.50	.....	121.60	878.90	1,248.00	369.10	.....
116	5	11.40	11.70	.....	421.20	233.50	.....	93.50	771.30	824.00	52.70	.....
117	5	120.00	23.40	9.50	323.70	190.25	14.50	82.20	763.55	936.00	172.45	.....
118	4	72.00	14.30	11.75	286.80	122.75	3.25	73.30	584.15	624.00	39.85	.....
119	4	48.00	16.90	.....	324.74	133.35	5.50	55.00	583.49	910.00	326.51	.....
120	5	31.25	11.70	.....	444.34	136.70	.....	75.85	699.84	702.00	2.16	.....
121	4	33.80	11.70	9.50	351.00	121.00	4.50	91.10	622.60	702.00	79.40	.....
122	4	60.00	24.70	15.00	462.80	179.00	6.50	196.70	944.70	1,248.00	303.30	.....
123	4	120.00	26.00	16.50	449.80	206.00	.....	157.45	975.75	1,560.00	584.25	.....
124	4	120.00	37.70	.....	514.80	397.80	.....	157.90	1,228.20	1,728.00	499.80	.....
125	5	72.00	11.70	19.00	473.20	201.25	.....	237.70	1,014.85	1,872.00	857.15	.....
126	3	72.00	19.50	54.00	252.20	241.50	6.50	202.50	848.20	1,014.00	165.80	.....
127	4	72.00	16.90	.....	299.00	159.00	.....	47.35	594.25	624.00	29.75	.....
128	4	120.00	29.90	94.50	411.10	122.10	3.50	189.60	970.70	1,092.00	121.30	.....
129	5	72.00	16.90	3.50	483.60	228.50	9.50	155.25	969.25	1,092.00	122.75	.....
130	5	96.00	11.70	156.50	523.20	178.90	.....	92.80	1,059.10	1,248.00	188.90	.....
131	4	46.60	16.90	13.50	509.60	198.75	.....	91.50	876.85	1,269.00	392.15	.....
132	5	10.50	16.90	3.50	508.00	273.50	.....	115.50	927.90	1,248.00	320.10	.....
133	4	60.00	19.50	7.50	339.80	112.25	6.50	39.50	585.05	780.00	194.95	.....
134	4	60.00	16.90	.....	333.22	131.00	.....	71.20	612.32	624.00	11.68	.....
135	4	60.00	16.90	7.50	314.50	127.10	7.50	44.20	577.70	624.00	46.30	.....
136	3	60.00	16.90	17.50	231.40	101.50	.....	145.20	572.50	702.00	129.50	.....
137	4	48.00	11.70	.....	310.10	130.50	3.50	119.50	623.30	702.00	78.70	.....
138	5	61.25	22.10	6.50	463.22	194.50	3.50	163.50	914.57	1,248.00	333.43	.....
139	3	120.00	22.10	.....	304.20	106.50	3.25	28.00	584.05	624.00	39.95	.....
140	5	120.00	24.60	.....	345.00	165.50	.....	121.10	776.20	936.00	159.80	.....
141	4	96.00	19.50	38.50	514.80	117.50	9.50	61.50	857.30	910.00	52.70	.....
142	3	96.00	22.10	.....	464.60	135.50	.....	158.40	876.60	1,392.00	515.40	.....
143	4	72.00	29.90	88.50	457.60	267.50	19.50	180.30	1,115.30	1,117.00	1.70	.....
144	4	60.00	19.50	.....	270.40	88.50	.....	109.00	547.40	624.00	76.60	.....
145	6	180.00	22.10	130.75	595.40	407.00	.....	142.10	1,477.35	2,184.00	706.65	.....
146	4	60.00	16.90	28.25	290.50	124.25	16.50	68.40	604.80	780.00	175.20	.....
147	5	9.40	19.50	.....	407.50	143.75	3.50	43.80	627.45	960.00	332.55	.....
148	5	48.00	16.90	23.25	296.40	232.50	.....	49.50	666.55	702.00	35.45	.....
149	4	48.00	16.90	26.75	319.80	115.50	.....	52.00	578.95	804.00	225.05	.....
150	2	48.00	16.90	6.00	254.80	80.00	118.00	54.10	577.80	624.00	46.20	.....
151	4	60.00	16.90	.....	345.80	153.50	8.00	41.70	625.90	780.00	154.10	.....
152	3	108.00	16.90	.....	296.40	150.00	.....	66.80	638.10	936.00	297.90	.....

[1] Rent free.

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TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

HAWAIIAN—Concluded.

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of— Surplus.	Amount of— Deficit.
153	4	$108.00	$16.90	$3.50	$326.10	$134.50	$3.50	$103.80	$696.30	$702.00	$5.70	.....
154	2	48.00	16.90	.....	230.30	86.00	.....	58.90	440.10	624.00	183.90	.....
155	4	120.00	22.10	60.75	411.90	272.00	.....	75.95	962.70	936.00	.....	$26.70
156	6	120.00	16.90	12.00	604.30	373.50	.....	118.00	1,244.70	1,404.00	159.30	.....
157	3	120.00	16.90	36.00	371.60	238.00	.....	179.10	961.60	1,045.00	83.40	.....
158	5	72.00	16.90	18.00	476.80	311.00	9.50	106.70	1,010.90	1,092.00	81.10	.....
159	4	120.00	16.90	.....	358.80	243.85	.....	83.60	823.15	936.00	112.85	.....
160	4	72.00	22.10	12.00	561.80	210.25	3.50	53.50	935.15	1,092.00	156.85	.....
161	3	61.25	16.90	.....	377.00	235.00	.....	88.70	778.85	822.00	43.15	.....
162	4	44.35	16.90	39.25	296.40	188.00	1.50	37.30	623.70	624.00	.30	.....
163	5	111.25	22.10	176.50	512.85	307.00	.....	101.20	1,230.90	1,342.00	111.10	.....
164	6	60.00	16.90	.....	337.40	202.50	.....	72.70	689.50	798.50	109.00	.....
165	4	6.50	6.50	.....	486.85	190.50	.....	97.55	787.90	780.00	.....	7.90
166	5	59.60	22.10	4.50	386.20	292.50	.....	93.70	858.60	930.00	71.40	.....
167	4	120.00	11.70	.....	390.00	183.50	.....	42.60	747.80	780.00	32.20	.....
168	2	60.00	16.90	.....	350.10	183.00	.....	96.30	706.30	780.00	73.70	.....
169	4	(1)	16.90	18.50	366.60	222.00	.....	84.70	708.70	624.00	.....	84.70

PART-HAWAIIAN.

170	3	(1)	$16.80	.....	$464.70	$105.00	$20.00	$144.70	$751.20	$720.00	.....	$31.20
171	8	$80.00	53.95	.....	477.36	55.00	18.50	46.00	730.81	774.00	$43.19	.....
172	5	240.00	31.20	$27.50	563.10	140.00	44.50	310.15	1,356.45	1,350.00	.....	6.45
173	6	(1)	15.60	30.50	366.60	28.00	1.00	40.20	481.90	360.00	.....	[2]121.90
174	10	240.00	20.80	23.00	723.84	313.00	117.50	288.25	1,726.39	1,843.00	116.61	.....
175	7	(1)	23.40	21.00	474.50	74.00	25.00	91.60	709.50	970.00	260.50	.....
176	10	5.80	13.00	57.75	772.62	345.00	88.00	507.40	1,789.57	2,400.00	610.43	.....
177	7	1.20	42.25	.....	297.20	33.70	.....	81.00	455.35	508.00	52.65	.....
178	7	180.00	23.40	40.75	815.34	233.00	61.00	223.30	1,576.79	1,716.00	139.21	.....
179	6	22.20	33.15	25.75	399.10	250.00	34.00	102.20	866.40	936.00	69.60	.....
180	4	144.00	42.20	85.00	324.75	200.00	15.00	54.80	865.75	900.00	34.25	.....
181	6	16.50	44.85	.....	661.70	198.00	36.00	104.50	1,061.55	1,248.00	186.45	.....
182	2	72.00	15.60	10.00	260.10	30.00	10.00	57.30	455.00	520.00	65.00	.....
183	7	72.00	32.20	76.50	455.44	106.80	6.00	47.20	796.14	840.00	43.86	.....
184	5	37.50	44.85	14.90	387.40	65.00	.....	74.50	624.15	670.00	45.85	.....
185	3	102.50	18.20	80.00	339.00	154.00	13.00	149.10	855.80	1,196.00	340.20	.....
186	4	96.00	31.85	.....	264.29	63.50	.....	40.20	495.84	689.00	193.16	.....
187	2	136.00	31.85	.....	98.15	30.00	.....	37.80	333.80	376.00	42.20	.....
188	4	72.00	31.72	6.00	222.56	74.50	.....	37.70	444.48	468.00	23.52	.....
189	4	49.50	29.25	6.00	300.95	190.50	.....	44.70	620.90	1,092.00	471.10	.....
190	5	48.00	18.20	.....	296.40	193.25	5.00	82.30	643.15	702.00	58.85	.....
191	5	100.00	32.50	34.00	572.00	211.50	.....	93.20	1,043.20	1,060.00	16.80	.....
192	3	17.50	48.10	367.50	354.90	274.90	6.50	212.45	1,281.85	1,300.00	18.15	.....

JAPANESE.

193	6	$90.00	$30.88	$18.00	$312.35	$50.00	$12.00	$103.50	$616.73	$607.50	.....	$9.23
194	3	30.00	18.72	5.00	176.32	42.50	5.00	54.40	331.94	312.00	.....	19.94
195	4	72.00	22.75	17.75	271.18	60.00	.....	55.60	499.28	492.00	.....	7.28
196	3	33.00	23.40	11.25	226.33	28.00	118.00	42.00	482.98	380.00	.....	102.98
197	3	42.00	25.35	2.00	186.32	36.20	3.00	37.90	332.77	338.85	$6.08	.....
198	3	27.00	22.10	4.00	179.66	18.00	2.00	27.84	280.60	280.80	.20	.....
199	3	50.00	23.08	12.00	159.93	20.00	9.00	153.92	427.93	491.00	63.07	.....
200	3	36.00	28.08	9.30	228.54	31.20	4.00	20.50	357.62	429.00	71.38	.....
201	4	42.00	20.80	5.50	212.86	28.00	3.00	17.00	329.16	352.50	23.34	.....
202	4	54.00	32.63	6.60	291.85	41.00	.....	48.18	474.26	494.00	19.74	.....
203	2	72.00	31.20	12.00	216.71	30.00	3.00	36.50	401.41	416.00	14.59	.....
204	4	48.00	14.20	8.75	210.69	31.00	6.50	34.60	353.74	375.00	21.26	.....
205	6	42.00	18.05	10.50	253.02	26.00	1.00	57.20	407.77	400.00	.....	7.77
206	3	30.00	27.86	10.75	198.17	44.00	4.00	58.50	373.28	495.00	121.72	.....
207	5	45.00	24.40	9.50	220.35	19.00	53.00	46.05	417.30	361.00	.....	56.30
208	3	30.00	22.61	6.70	128.59	19.00	10.50	45.20	262.60	312.00	49.40	.....
209	3	30.00	18.45	7.75	185.25	20.00	7.50	39.35	308.30	325.00	16.70	.....
210	6	36.00	31.70	11.50	236.20	33.00	20.00	68.35	435.75	438.00	2.25	.....
211	3	156.00	25.85	12.00	200.25	18.00	.....	42.40	454.50	500.00	45.50	.....

[1] Rent free.

[2] Part of deficit met by sale of house for $75.

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TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

JAPANESE—Concluded.

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of— Surplus.	Amount of— Deficit.
212	[1] 1	$30.00	$23.40	$6.50	$122.54	$25.00	$165.00	$60.00	$432.44	$360.00	.....	$72.44
213	3	24.00	18.62	13.50	183.95	23.00	.50	58.00	321.57	507.00	$185.43	.....
214	5	[2]	24.08	24.00	215.16	30.00	4.50	56.00	353.74	416.00	62.26	.....
215	6	[2]	33.05	25.00	335.50	38.00	1.50	97.50	530.55	679.00	148.45	.....
216	4	[3]	16.00	17.75	189.90	17.00	11.00	27.90	279.55	360.00	80.45	.....
217	3	30.00	32.40	6.25	160.23	15.50	18.00	45.55	307.93	336.00	28.07	.....
218	3	[3]	20.00	12.50	242.54	17.00	1.00	56.05	349.09	528.00	178.91	.....
219	3	24.00	31.70	6.75	163.90	23.00	.50	51.50	301.35	353.00	51.65	.....
220	3	36.00	30.32	16.25	206.20	38.00	.50	39.00	366.27	413.00	46.73	.....
221	4	30.00	27.20	26.00	269.70	42.00	11.00	72.40	478.30	605.00	126.70	.....
222	4	30.00	36.95	13.50	194.95	26.00	28.00	43.30	372.70	395.00	22.30	.....

PORTUGUESE.

223	9	$84.00	$57.20	$37.25	$491.40	$100.75	$17.00	$369.10	$1,156.70	$1,159.00	$2.30	.....
224	3	60.00	41.60	15.00	374.40	38.00	9.50	33.70	572.20	572.00	.....	$0.20
225	4	[4]	14.84	13.00	511.93	39.00	9.00	72.00	659.77	632.50	.....	27.27
226	4	69.00	70.20	17.00	391.60	85.00	12.00	223.10	867.90	1,116.00	248.10	.....
227	7	72.00	41.60	5.10	333.80	26.50	6.00	49.70	534.70	527.25	.....	7.45
228	4	175.40	45.24	15.60	379.60	39.50	73.25	92.35	820.94	940.60	119.66	.....
229	2	47.60	41.60	17.00	324.15	31.00	1.50	52.40	515.25	470.00	.....	45.25
230	5	72.00	41.60	18.85	435.60	78.00	70.00	122.10	838.15	828.00	.....	10.15
231	2	48.00	27.04	4.00	137.60	69.50	4.00	50.20	340.34	338.00	.....	2.34
232	2	48.00	26.00	90.00	223.60	55.00	13.50	49.40	505.50	520.00	14.50	.....
233	4	72.00	41.60	6.25	262.35	34.10	9.00	50.70	476.00	458.25	.....	17.75
234	4	84.00	44.20	12.00	285.00	27.50	30.00	98.80	581.50	624.00	42.50	.....
235	7	72.00	39.00	2.50	310.70	25.00	1.00	68.90	519.10	520.00	.90	.....
236	7	90.00	41.60	2.00	402.80	203.00	34.00	77.20	850.60	806.00	.....	44.60
237	12	85.00	72.80	60.50	507.00	237.00	55.00	333.00	1,350.30	1,375.00	24.70	.....
238	7	231.90	62.40	6.00	371.40	82.00	1.00	123.80	878.50	2,452.00	1,573.50	.....
239	4	64.50	41.60	14.75	465.90	81.00	15.00	120.80	803.55	922.72	119.17	.....
240	5	96.00	48.00	17.10	237.40	29.00	17.00	52.45	496.95	520.00	23.05	.....
241	2	60.00	31.30	14.50	277.60	40.00	.50	65.80	489.70	572.00	82.30	.....
242	3	96.00	44.20	53.50	417.00	82.00	8.00	129.60	830.30	846.00	15.70	.....
243	3	60.00	13.00	13.00	176.80	44.25	6.00	97.50	410.55	412.00	1.45	.....
244	3	60.00	41.60	31.30	470.56	163.30	49.50	187.40	1,003.66	1,056.00	52.34	.....
245	7	63.00	49.40	.....	512.50	155.00	28.00	318.60	1,126.50	2,430.00	1,303.50	.....
246	9	98.60	101.40	87.00	1,169.60	389.75	120.00	386.60	2,352.95	2,587.00	234.05	.....
247	3	72.00	13.00	11.00	312.00	27.00	2.00	58.60	495.60	520.00	24.40	.....
248	11	28.00	75.40	60.00	685.20	221.90	65.00	174.60	1,310.10	1,350.00	39.90	.....
249	9	21.50	70.20	52.50	537.30	53.00	9.50	53.20	797.20	803.00	5.80	.....
250	7	59.70	53.30	23.50	578.80	65.00	11.50	111.50	903.30	908.00	4.70	.....
251	8	19.00	66.30	21.80	791.60	140.00	5.00	84.40	1,128.10	1,144.00	15.90	.....
252	7	38.50	53.30	8.00	411.20	72.00	.....	59.40	642.40	684.00	41.60	.....
253	4	84.00	41.60	35.00	236.60	63.00	30.00	101.20	591.40	780.00	188.60	.....
254	7	72.00	55.90	14.00	402.90	75.00	2.00	32.80	654.60	780.00	125.40	.....
255	6	75.00	39.00	11.00	337.40	42.00	.....	5.00	509.40	520.00	10.60	.....
256	5	144.00	41.60	35.00	582.20	131.00	84.00	313.30	1,331.10	1,278.00	.....	53.10
257	5	60.00	41.60	5.50	295.30	42.00	1.00	27.00	472.40	468.00	.....	4.40
258	6	[4]	7.80	38.75	439.80	72.00	30.00	51.40	639.75	640.00	.25	.....
259	5	60.00	41.60	16.00	370.70	80.00	52.00	290.80	911.10	998.00	86.90	.....
260	2	54.00	26.00	84.00	156.00	76.00	9.00	42.80	447.80	464.00	16.20	.....
261	5	68.00	70.60	59.75	579.80	130.00	75.00	93.40	1,076.55	1,116.00	39.45	.....
262	4	42.00	44.20	31.00	316.10	100.00	17.00	100.80	651.10	656.00	4.90	.....
263	11	84.00	57.20	10.50	658.60	140.00	.....	104.60	1,054.90	1,464.00	409.10	.....
264	2	96.00	13.00	17.00	265.60	33.00	13.00	31.60	469.20	624.00	154.80	.....
265	5	57.50	54.60	35.00	452.80	88.00	2.00	87.80	777.70	780.00	2.30	.....
266	3	108.00	18.20	63.50	330.20	80.00	7.00	68.60	675.50	780.00	104.50	.....
267	6	72.00	54.60	11.00	498.20	75.00	1.00	61.60	773.40	780.00	6.60	.....
268	6	8.00	57.20	40.00	371.60	90.00	6.00	74.40	647.20	708.00	60.80	.....
269	6	17.00	54.60	30.00	389.80	115.00	38.00	83.60	728.00	832.00	104.00	.....
270	2	72.00	39.00	.....	153.40	65.00	4.00	88.00	421.40	420.00	.....	1.40
271	6	180.00	57.20	31.00	842.40	130.00	29.00	97.20	1,366.80	1,404.00	37.20	.....
272	5	180.00	54.60	16.20	463.60	145.00	24.00	92.40	975.80	1,020.00	44.20	.....
273	7	60.00	54.60	31.50	397.80	75.00	25.00	132.00	775.90	858.00	82.10	.....

[1] Son died Mar. 10, 1909, and mother died Feb. 18, 1910.
[2] House furnished free by employer.
[3] Gets rent as compensation for watching another house.
[4] Rent free.

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TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Continued.

PORTUGUESE—Continued.

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of—	
											Surplus.	Deficit.
274	6	$29.50	$62.40	$11.50	$516.60	$150.00	$15.00	$140.80	$925.80	$936.00	$10.20	.....
275	4	96.00	65.00	16.50	400.80	110.00	69.00	85.40	842.70	936.00	93.30	.....
276	6	72.00	44.20	18.00	417.20	103.00	17.00	85.20	756.60	936.00	179.40	.....
277	2	72.00	26.00	19.50	200.20	40.00	2.00	67.20	426.90	468.00	41.10	.....
278	6	60.00	41.60	6.00	353.60	51.00	2.00	62.20	576.40	572.00	.....	$4.40
279	9	72.00	57.20	15.00	356.20	80.00	.....	40.00	620.40	624.00	3.60	.....
280	4	28.00	44.20	9.50	288.60	70.00	2.00	117.20	559.50	626.00	66.50	.....
281	9	139.90	44.20	19.00	457.40	79.00	.....	126.60	866.10	976.00	109.90	.....
282	5	48.00	39.00	31.40	248.50	22.00	2.00	24.00	414.90	504.00	89.10	.....
283	6	60.00	44.20	.....	355.60	49.00	.....	81.50	590.30	624.00	33.70	.....
284	8	94.20	65.00	31.00	563.10	102.00	5.00	76.60	936.90	1,013.00	76.10	.....
285	5	72.00	33.80	3.50	243.30	52.00	1.50	61.20	467.30	468.00	.70	.....
286	8	192.70	46.80	8.00	485.10	73.00	10.00	110.40	926.00	1,210.00	274.00	.....
287	3	76.00	36.40	.....	283.40	45.00	1.00	33.20	475.00	540.00	65.00	.....
288	9	72.00	72.80	6.00	507.60	90.00	27.00	146.40	921.80	874.00	.....	47.80
289	10	60.00	57.20	20.00	569.20	98.00	3.00	54.80	862.20	864.70	2.50	.....
290	2	84.00	28.60	18.50	314.20	48.00	15.00	97.60	605.90	604.00	.....	1.90
291	5	72.00	28.60	4.00	304.60	42.00	.....	67.00	518.20	520.00	1.80	.....
292	5	144.00	96.20	17.50	441.60	184.00	74.00	109.90	1,067.20	1,071.00	3.80	.....
293	3	36.00	28.60	28.25	230.80	45.00	3.00	58.80	430.45	460.00	29.55	.....
294	7	60.00	41.60	4.60	276.60	68.00	1.00	66.40	518.20	520.00	1.80	.....
295	8	(1)	65.00	.....	412.30	43.00	53.00	66.20	639.50	754.40	114.90	.....
296	3	60.00	41.60	15.00	247.00	20.00	25.00	18.60	427.20	572.00	144.80	.....
297	9	35.00	41.60	51.00	415.40	77.00	10.00	137.80	767.80	821.60	53.80	.....
298	5	72.00	26.00	6.50	171.60	46.00	.....	86.60	408.70	493.00	84.30	.....
299	3	30.00	46.80	6.50	175.20	28.00	1.00	37.00	324.50	324.00	.....	.50
300	2	24.00	26.00	7.75	150.80	32.00	20.00	100.20	360.75	468.00	107.25	.....
301	4	40.50	28.60	7.75	222.20	50.00	32.00	84.00	465.05	468.00	2.95	.....
302	4	72.00	41.60	35.50	262.60	45.00	14.00	62.80	533.50	538.00	4.50	.....
303	7	60.00	41.60	26.00	337.40	62.00	22.00	118.80	667.80	780.00	112.20	.....
304	6	12.10	48.10	21.25	379.60	112.00	13.00	99.60	685.65	720.00	34.35	.....
305	8	97.00	47.55	17.00	536.80	115.00	.....	86.50	899.85	987.24	87.39	.....
306	4	72.00	41.60	9.50	229.80	70.00	.....	91.70	514.60	624.00	109.40	.....
307	2	60.00	26.00	7.50	162.70	40.00	12.00	66.80	375.00	464.00	89.00	.....
308	6	60.00	39.00	11.00	280.80	45.00	1.00	22.70	459.50	468.00	8.50	.....
309	3	81.00	78.00	26.50	543.20	82.00	13.50	60.20	884.40	982.00	97.60	.....
310	2	60.00	26.00	11.50	193.60	50.00	20.00	56.20	417.30	540.00	122.70	.....
311	4	60.00	41.60	21.50	269.00	40.00	5.00	41.80	478.90	480.00	1.10	.....
312	4	72.00	26.00	20.50	255.80	60.00	10.50	96.00	540.80	540.00	.....	.80
313	6	49.00	72.80	8.50	339.60	90.00	2.00	61.60	623.50	732.00	108.50	.....
314	8	48.00	41.60	5.50	353.20	78.00	6.00	90.60	622.90	624.00	1.10	.....
315	11	108.00	78.00	10.75	821.40	142.00	47.00	122.80	1,329.95	1,616.00	286.05	.....
316	3	6.00	41.60	1.50	247.00	77.00	37.00	97.80	507.90	510.00	2.10	.....
317	10	23.00	62.40	1.50	710.00	112.00	55.00	96.00	1,059.90	1,352.00	292.10	.....
318	7	16.00	59.80	9.50	434.60	47.00	2.00	52.10	621.00	624.00	3.00	.....
319	9	120.00	59.80	37.35	603.20	75.00	5.00	88.20	988.55	990.00	1.45	.....
320	9	84.00	78.00	.....	548.00	113.00	32.00	176.00	1,031.00	1,092.00	61.00	.....
321	4	72.00	41.60	11.25	308.80	40.00	3.00	71.90	548.55	560.00	11.45	.....
322	4	72.00	26.00	9.00	236.60	48.00	10.00	22.20	423.80	434.00	10.20	.....
323	3	72.00	26.00	7.50	239.20	46.00	1.00	50.30	442.00	468.00	26.00	.....
324	2	120.00	46.80	82.50	590.20	75.00	18.00	155.00	1,087.50	1,088.00	.50	.....
325	8	84.00	52.00	8.00	285.40	70.00	.....	52.00	551.40	572.00	20.60	.....
326	11	146.00	80.60	29.50	660.80	96.00	36.00	98.00	1,146.90	1,202.00	55.10	.....
327	4	72.00	39.00	.....	267.80	70.00	2.00	100.10	550.90	698.00	147.10	.....
328	7	84.00	59.80	12.00	621.40	175.00	13.00	83.60	1,053.80	1,157.00	103.20	.....
329	7	72.00	44.20	1.60	288.60	77.00	2.00	68.40	553.80	572.00	18.20	.....
330	2	19.00	41.60	.....	218.40	37.00	.....	56.60	372.60	520.00	147.40	.....
331	2	36.00	41.60	.....	223.60	60.00	55.00	120.40	536.60	624.00	87.40	.....
332	7	87.00	44.20	.....	443.30	100.00	.....	70.20	744.70	756.00	11.30	.....
333	5	72.00	15.60	6.00	309.40	90.00	10.00	128.60	631.60	819.00	187.40	.....
334	8	2.00	20.80	7.25	410.80	107.00	.....	130.90	678.75	754.00	75.25	.....
335	2	72.00	13.00	59.00	195.00	50.00	26.00	128.80	543.80	546.00	2.20	.....
336	8	8.50	20.80	3.50	267.80	69.00	.....	54.80	424.40	488.00	63.60	.....
337	12	2.50	26.00	4.00	605.80	215.00	24.00	191.40	1,068.70	1,170.00	101.30	.....
338	10	8.00	78.00	26.00	780.00	102.00	3.00	94.80	1,091.80	1,092.00	.20	.....
339	7	2.00	20.80	19.25	397.80	74.00	3.00	94.50	611.35	624.00	12.65	.....
340	9	8.00	52.00	35.00	618.60	100.00	2.00	83.60	899.20	936.00	36.80	.....
341	7	8.00	54.60	6.50	296.40	68.00	6.00	130.60	570.10	572.00	1.90	.....
342	9	84.00	57.20	43.00	699.40	210.00	50.00	240.80	1,384.40	1,404.00	19.60	.....
343	4	84.00	39.00	8.00	221.00	40.00	.....	23.60	415.60	468.00	52.40	.....

[1] Rent free.

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TABLE IV.—EXPENDITURES OF REPRESENTATIVE WAGE-EARNING FAMILIES IN HONOLULU, BY RACE—Concluded.

PORTUGUESE—Concluded.

Family number.	Persons in family.	Rent or maintenance of house.	Light and fuel.	Furniture and utensils.	Food.	Clothing.	Medical expenses.	Miscellaneous.	Total expenditures.	Total income.	Amount of— Surplus.	Amount of— Deficit.
344	6	$84.00	$44.20	$10.00	$259.40	$60.00	$10.00	$93.00	$560.60	$572.00	$11.40	.....
345	2	5.00	13.00	2.00	271.60	45.00	13.00	95.00	440.60	520.00	75.40	.....
346	6	58.95	65.00	30.00	399.20	63.00	47.00	62.60	725.75	720.00	.....	$5.75
347	3	60.00	39.00	11.00	267.80	59.00	4.00	26.40	467.20	520.00	52.80	.....
348	6	96.00	41.60	117.00	344.40	215.00	28.00	151.40	993.40	1,020.00	26.60	.....
SPANISH.												
349	6	72.00	52.00	15.00	208.00	57.00	3.00	61.40	468.40	538.00	69.60	.....

CAUCASIAN.

AMERICAN.												
350	5	$31.50	$44.20	$2.25	$465.40	$105.00	$43.00	$43.00	$734.35	$1,020.00	$285.65	.....
351	3	144.00	72.80	50.00	514.80	111.00	15.00	135.80	1,043.40	1,040.00	.....	$3.40
352	6	144.00	45.64	6.75	452.60	77.00	35.00	100.50	861.49	867.50	6.01	.....
DANISH.												
353	10	62.00	15.60	76.75	572.00	78.00	2.00	130.40	936.75	1,086.00	149.25	.....
FILIPINO.												
354	2	246.50	44.20	11.50	319.80	73.00	22.00	83.20	800.20	936.00	135.80	.....
GERMAN.												
355	2	72.00	41.60	20.75	309.40	35.00	25.00	86.60	590.35	600.08	9.73	.....
356	2	70.08	49.40	53.00	567.20	39.50	25.00	56.20	860.38	888.00	27.62	.....
357	5	108.00	72.80	79.00	512.20	96.00	.....	74.80	942.80	1,092.00	149.20	.....
358	6	120.00	72.80	18.00	345.80	119.00	46.00	134.00	855.60	1,200.00	344.40	.....
IRISH.												
359	4	96.00	46.80	35.75	448.40	127.00	43.00	117.15	914.10	900.00	.....	14.10
MEXICAN.												
360	9	96.00	70.20	15.25	400.80	105.00	15.00	78.90	781.15	780.00	.....	1.15
NORWEGIAN.												
361	5	120.00	52.00	30.00	473.20	99.00	25.00	157.70	956.90	960.00	3.10	.....
362	6	300.00	98.80	59.00	534.64	323.00	42.00	207.81	1,565.25	1,960.00	394.75	.....
363	3	65.00	67.60	28.50	507.00	100.00	30.00	103.60	901.70	1,630.00	728.30	.....

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910.

[For explanation and discussion of this table see pages 764 and 765.]

FOOD.

Year.	Baking powder, Royal, per pound.	Beef, fresh, per pound.							Beef, corned, per pound.	Beef, corned, per pound.
		Chuck roast.	Loin roast.	Loin steak.	Rib roast.	Rib roast, prime.	Round steak.	Round steak.		
1890	.....	$0.1000	$0.1500	$0.1250	$0.1250	.....	$0.1000	.....	$0.1000	.....
1891	.....	.1000	.1500	.1250	.1250	.....	.1000	.....	.1000	.....
1892	.....	.1000	.1500	.1250	.1250	.....	.1000	.....	.1000	.....
1893	.....	.1000	.1500	.1250	.1250	.....	.1000	.....	.1000	.....
1894	.....	.1000	.1500	.1250	.1250	.....	.1000	.....	.1000	.....
1895	.....	.1000	.1500	.1250	.1250	.....	.1000	.....	.1000	.....
1896	.....	.0800	.1500	.1500	.1000	.....	.1000	.....	.1000	.....
1897	.....	.0800	.1500	.1500	.1000	.....	.1000	.....	.1000	.....
1898	.....	.1000	.1800	.1500	.1250	.....	.1000	.....	.1000	.....
1899	.....	.1250	.2100	.1500	.1500	.....	.1000	.....	.1083	.....
1900	.....	.1479	.1875	.1875	.1650	.....	.1492	.....	.1458	.....
1901	.....	.1250	.2025	.2025	.1750	.....	.1400	.....	.1125	.....
1902	.....	.1250	.2250	.2250	.2000	.....	.1500	.....	.1250	.....
1903	$0.5000	.1500	.2250	.2250	.2000	.....	.1500	.....	.1500	.....
1904	.5000	.1500	.2083	.2083	.2000	.....	.1500	.....	.1500	.....
1905	.5000	.1500	.2000	.2000	.2000	.....	.1500	[1] $0.1250	.1271	.....
1906	.5000	.1500	.2000	.2000	.2000	$0.1800	.1500	.1500	.1250	$0.1250
1907	.5000	.1500	.2000	.2000	.2000	.1800	.1500	.1500	.1250	.1250
1908	.5000	.1500	.2000	.2000	.2000	.1800	.1500	.1500	.1250	.1250
1909	.5000	.1500	.2375	.2000	.2000	.1800	.1500	.1500	.1250	.1250
1910	[2] .5000	[2] .1500	[2] .2500	[2] .2000	[2] .2000	[2] .1800	[2] .1500	[2] .1500	[2] .1250	[2] .1250

Year.	Butter, per pound.				Cheese, per pound.				
	Creamery, California.	Creamery, California or best.	Fresh Crystal Spring.	Golden State.	Cream, California.	Cream, California.	Cream, California.	Cream, California.	New York.
1890	$0.4729	.....	.....	.....	$0.2000	.....	.....	.....	.....
1891	.4063	.....	.....	.....	.2000	.....	.....	.....	.....
1892	.4500	.....	.....	.....	.2000	.....	.....	.....	.....
1893	.4375	.....	.....	.....	.2000	.....	.....	.....	.....
1894	.4375	.....	.....	.....	.2000	.....	.....	.....	.....
1895	.3979	.....	.....	.....	.2000	.....	.....	.....	.....
1896	.4354	.....	.....	.....	.2000	.....	.....	.....	.....
1897	.3938	.....	.....	.....	.2000	.....	.....	.....	.....
1898	.4021	.....	.....	.....	.2000	.....	.....	.....	.....
1899	.3813	.....	.....	.....	.2000	.....	.....	.....	.....
1900	.4167	.....	.....	.....	.2000	.....	.....	.....	.....
1901	.4083	.....	.....	.....	.2000	.....	.....	.....	.....
1902	.4208	.....	.....	.....	.2000	.....	.....	.....	.....
1903	.4208	$0.4500	.....	.....	.2000	$0.2000	.....	.....	.....
1904	.3750	.3750	.....	.....	.2000	.2000	.....	.....	.....
1905	.3917	.3542	.....	.....	.2000	.2000	.....	.....	.....
1906	.4708	.3500	.....	$0.4042	.2000	.2000	.....	.....	.....
1907	.4458	.3500	.....	.4500	.2000	.2000	$0.2000	.....	$0.2500
1908	.4542	.3583	.....	.4500	.2000	.2000	.2000	.....	.2500
1909	.4500	.4125	$0.4292	.4500	.2125	.2125	.2500	$0.2000	.3000
1910	[2] .4500	[2] .4417	[2] .4417	[2] .4333	[3] .2500	[2] .2500	[2] .2500	[2] .2500	[2] .3000

[1] Price June to December. [2] Price January to June. [3] Price January to March.

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910—Continued.

FOOD—Continued.

Year	Coffee, native, per pound.				Corn, canned, per 1-pound can.	Corn, canned, per can.	Corn, canned, Blue Ribbon, per can.	Corn meal, per pound.	
	No. 1, roasted and ground.	No. 1, roasted and ground.	No. 1, roasted and ground.	Roasted and ground.				In packages.	In packages.
1890				$0.3500				$0.0500	
1891				.3500				.0500	
1892				.3500				.0500	
1893				.3500				.0500	
1894				.3500				.0500	
1895				.3500				.0433	
1896				.3403				.0400	
1897				.3194				.0400	
1898				.3000				.0400	
1899				.3000				.0400	
1900				.3000				.0358	
1901				.3000				.0350	
1902				.2708				.0350	
1903	$0.2500			.2500	$0.1250			.0350	$0.0500
1904	.2500			.2500	.1250			.0350	.0500
1905	.2500		[1] $0.2500	.2500	.1250	[1] $0.2000		.0379	.0500
1906	.2500		.2500	.2500	.1250	.2000		.0400	.0500
1907	.2500		.2500	.2500	.1250	.2000		.0400	.0500
1908	.2500		.2500	.2500	.1250	.2000		.0400	.0500
1909	.2500	$0.2500	.2500	.2500	.1250	.2000	[2] $0.1500	.0400	.0500
1910	[3] .2500	[3] .2500	[3] .2500	[4] .2500	[3] .1250	[3] .2000	[5] .1500	[4] .0400	[3] .0500

Year.	Eggs, per dozen.			Fish, canned, per can.			
	Fresh.	Fresh.	Fresh.	Red salmon.	Red salmon.	Red salmon.	Red salmon.
1890	$0.5000						
1891	.5000						
1892	.5000						
1893	.4875						
1894	.4500						
1895	.4500						
1896	.4000						
1897	.3708						
1898	.3500						
1899	.4000						
1900	.4292						
1901	.5000						
1902	.5250						
1903	.4500	$0.5033		[2] $0.1500			
1904	.4458	.4958		[2] .1500			
1905	.3958	.4083		[2] .1500	[6] $0.1500		
1906	.4583	.4083	$0.5000	[2] .1500	[2] .1500		
1907	.4833	.3875	.5000	[2] .1500	[2] .1500		
1908	.4833	.3917	.4167	[2] .1500	[2] .1500		
1909	.5958	.4417	.4375	[2] .1500	[2] .1500	[2] $0.1500	$0.2000
1910	[4] .5500	[3] .5000	[3] .4000	[5] .1500	[5] .1500	[5] .1500	[3] .2000

[1] Price June to December.
[2] Also 2 cans for 25 cents.
[3] Price January to June.
[4] Price January to March.
[5] Price January to June. Also 2 cans for 25 cents.
[6] Price June to December. Also 2 cans for 25 cents.

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910—Continued.

FOOD—Continued.

Year.	Flour, wheat, per pound.					Fruit.		Lard, per pound.		
	Family, best.	Family, No. 1.	Family, No. 1, in barrels.	Family, No. 1, Golden Gate.	Graham.	Canned, Blue Ribbon, assorted, per can.	Prunes, dried, per pound.	Best leaf, in 5-pound cans.	Pure leaf, in pails.	Silver leaf, in pails.
1890	$0.0300	.....	.....	.....	.....	.....	.....	.....	$0.1233	.....
1891	.0300	.....	.....	.....	.....	.....	.....	.....	.1275	.....
1892	.0300	.....	.....	.....	.....	.....	.....	.....	.1300	.....
1893	.0300	.....	.....	.....	.....	.....	.....	.....	.1300	.....
1894	.0292	.....	.....	.....	.....	.....	.....	.....	.1300	.....
1895	.0271	.....	.....	.....	.....	.....	.....	.....	.1367	.....
1896	.0267	.....	.....	.....	.....	.....	.....	.....	.1325	.....
1897	.0329	.....	.....	.....	.....	.....	.....	.....	.1450	.....
1898	.0300	.....	.....	.....	.....	.....	.....	.....	.1467	.....
1899	.0271	.....	.....	.....	.....	.....	.....	.....	.1400	.....
1900	.0250	.....	.....	.....	.....	.....	.....	.....	.1483	.....
1901	.0250	.....	.....	.....	.....	.....	.....	.....	.1500	.....
1902	.0250	.....	.....	.....	.....	.....	.....	.....	.1500	.....
1903	.0296	$0.0400	.....	.....	$0.0500	.....	$0.1250	.....	.1500	$0.1683
1904	.0280	.0400	.....	.....	.0500	.....	.1250	.....	.1450	.1550
1905	.0344	.0400	.....	.....	.0500	.....	.1250	.....	.1458	.1417
1906	.0300	.0400	.....	$0.0400	.0500	.....	.1250	$0.1467	.1500	.1500
1907	.0325	.0400	.....	.3542	.0500	.....	.1250	.1700	.1600	.1500
1908	.0348	.0400	.....	.4083	.0500	.....	.1250	.1700	.1825	.1500
1909	.0354	.0392	.....	.4333	.0500	$0.2000	.1250	.1700	.2117	.2042
1910	[1].0350	[2].0375	[2]$0.0306	[2].4500	[2].0500	[2].2000	[2].1250	[2].2167	[1].2000	[2].2500

Year.	Molasses, New Orleans, per gallon.	Mutton and lamb, per pound.								
		Lamb, chops or roast.	Lamb, fore-quarter.	Lamb, hind quarter.	Mutton, chops.	Mutton, leg.	Mutton, leg.	Mutton, roast.	Mutton, shoulder.	Mutton, stewing.
1890	.....	.....	$0.1800	$0.2000	$0.1500	$0.1500	.....	$0.1500	.....	.....
1891	.....	.....	.1800	.2000	.1500	.1500	.....	.1500	.....	.....
1892	.....	.....	.1800	.2000	.1500	.1500	.....	.1500	.....	.....
1893	.....	.....	.1800	.2000	.1500	.1500	.....	.1500	.....	.....
1894	.....	.....	.1800	.2000	.1500	.1500	.....	.1500	.....	.....
1895	.....	.....	.1800	.2000	.1500	.1500	.....	.1500	.....	.....
1896	.....	.....	.1800	.2000	.1750	.1500	.....	1750	.....	.....
1897	.....	.....	.1800	.2000	.1750	.1500	.....	.1750	.....	.....
1898	.....	.....	.1800	.2000	.1750	.1500	.....	.1750	.....	.....
1899	.....	.....	.1800	.2000	.1750	.1500	.....	.1750	.....	.....
1900	.....	.....	.1800	.2000	.1750	.1500	.....	.1750	.....	.....
1901	.....	.....	.1800	.2000	.2000	.1642	.....	.1875	.....	.....
1902	.....	.....	.1800	.2000	.2000	.1800	.....	.2000	.....	.....
1903	$1.0000	.....	.1800	.2000	.2000	.1800	.....	.2000	.....	.....
1904	.9917	.....	.1800	.2000	.2000	.1800	.....	.2000	.....	.....
1905	.8917	.....	.1800	.2000	.2000	.1800	.....	.2000	.....	.....
1906	.8417	.....	.1800	.2000	.2000	.1800	[3]$0.1800	.2000	.....	.....
1907	.7500	[3]$0.2000	.1800	.2000	.2000	.1800	.1800	.2000	[3]$0.1400	[3]$0.0900
1908	.7500	.2000	.1800	.2000	.2000	.1800	.1800	.2000	.1400	.0900
1909	.7500	.2104	.1800	.2375	.2375	.1950	.1950	.2375	.1483	.0975
1910	[2].7500	[2].2250	[2].1800	[2].2500	[2].2500	[2].2000	[2].2000	[2].2500	[2].1500	[2].1000

[1] Price January to March. [2] Price January to June. [3] Price June to December.

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910.—Continued.

FOOD—Continued.

Year.	Oatmeal, per pound.		Pork, fresh, per pound.					Pork, salt, per pound.			
	In 2-pound packages.	In 2-pound packages.	Chops.	Chops or roast.	Leg.	Roast.	Sausage.	Bacon, breakfast.	Hams, sugar-cured.	Pork, salt.	Pork, salt.
1890	.....	.....	$0.2500	.....	.....	$0.2500	$0.2500	$0.2000	$0.2000	$0.2000	.....
1891	.....	.....	.2500	.....	.....	.2500	.2500	.2000	.2000	.2000	.....
1892	.....	.....	.2500	.....	.....	.2500	.2500	.2000	.2000	.2000	.....
1893	.....	.....	.2500	.....	.....	.2500	.2500	.1850	.2000	.2000	.....
1894	.....	.....	.2500	.....	.....	.2500	.2500	.1900	.1950	.2000	.....
1895	.....	.....	.2500	.....	.....	.2500	.2500	.2000	.1800	.2000	.....
1896	.....	.....	.2500	.....	.....	.2333	.2500	.1817	.1800	.2000	.....
1897	.....	.....	.2500	.....	.....	.2000	.2500	.1917	.1725	.2000	.....
1898	.....	.....	.2000	.....	.....	.2000	.2208	.1842	.1750	.2000	.....
1899	.....	.....	.2000	.....	.....	.1900	.2000	.1892	.1800	.2000	.....
1900	.....	.....	.2000	.....	.....	.1800	.2000	.1850	.1742	.2000	.....
1901	.....	.....	.2100	.....	.....	.1983	.2000	.1850	.1775	.2000	.....
1902	.....	.....	.2200	.....	.....	.2200	.2000	.2042	.1950	.2000	.....
1903	.....	.....	.2200	.....	.....	.2200	.2000	.2075	.1950	.2000	$0.2000
1904	.....	.....	.2100	.....	.....	.2067	.2000	.2075	.1800	.2000	.2000
1905	.....	.....	.2000	.....	.....	.2000	.2000	.2000	.1858	.2000	.2000
1906	.....	$0.0750	.2000	.....	.....	.2000	.2000	.2100	.1967	.2000	.2000
1907	.....	.0750	.2000	[1] $0.2000	.....	.2000	.2000	.2250	.2125	.2000	.2000
1908	[2] $0.0750	.0750	.2000	.2000	.....	.2000	.2000	.2500	.2217	.2000	.2250
1909	[3] .0750	.0750	.2000	.2333	$0.1933	.2000	.2000	.2700	.2300	.2000	.2500
1910	[3] .0750	[4] .0750	[4] .2500	[4] .2500	[4] .2000	[4] .2500	[4] .2000	[5] .2700	[5] .2300	[5] .2000	[4] .2500

Year.	Rice.			Salt, per pound.		Spices, per pound.		Sugar, per pound.			
	Per pound.	Best Hawaiian, in 100-pound bags, per pound.	No. 1 Japan, in 100-pound bags, per pound.	Table, in bags.	Table, in bags.	Mustard, ground.	Pepper, ground.	Brown, No. 1.	Granulated.	Granulated, in 30-pound lots.	Not granulated, in 100-pound bags.
1890	$0.0525	.....	.....	$0.0250	.....	$0.7500	$0.5000	$0.0500	$0.0600	.....	.....
1891	.0513	.....	.....	.0250	.....	.7500	.5000	.0500	.0617	.....	.....
1892	.0500	.....	.....	.0250	.....	.7500	.5000	.0500	.0700	.....	.....
1893	.0567	.....	.....	.0250	.....	.7500	.5000	.0500	.0700	.....	.....
1894	.0550	.....	.....	.0250	.....	.7500	.4000	.0500	.0700	.....	.....
1895	.0475	.....	.....	.0250	.....	.7500	.4000	.0500	.0667	.....	.....
1896	.0454	.....	.....	.0250	.....	.7500	.4000	.0500	.0600	.....	.....
1897	.0542	.....	.....	.0250	.....	.7500	.4000	.0500	.0600	.....	.....
1898	.0588	.....	.....	.0250	.....	.7500	.4000	.0500	.0600	.....	.....
1899	.0683	.....	.....	.0250	.....	.7500	.4000	.0500	.0567	.....	.....
1900	.0700	.....	.....	.0250	.....	.6500	.4000	.0500	.0692	.....	.....
1901	.0650	.....	.....	.0250	.....	.6500	.4000	.0500	.0708	.....	.....
1902	.0558	.....	.....	.0250	.....	.6500	.4000	.0500	.0600	.....	.....
1903	.0508	.....	.....	.0250	$0.0300	.6500	.4000	.0500	.0600	$0.0721	.....
1904	.0329	.....	.....	.0250	.0300	.6500	.4000	.0500	.0650	.0750	.....
1905	.0427	.....	.....	.0250	.0300	.6500	.4000	.0500	.0700	.0750	.....
1906	.0500	.....	.....	.0250	.0300	.6500	.4000	.0500	.0700	.0750	.....
1907	.0500	.....	.....	.0250	.0300	.6500	.4000	.0500	.0650	.0750	.....
1908	.0500	.....	.....	.0221	.0300	.6500	.4000	.0500	.0700	.0754	.....
1909	.0500	.....	.....	.0200	.0300	.6500	.4000	.0550	.0700	.0761	$0.0598
1910	[5] .0500	[6] $0.0450	[7] $0.0500	[5] .0200	[4] .0300	[5] .6500	[5] .4000	[5] .0550	[5] .0700	[8] .0783	[4] .0596

[1] Price June to December.
[2] Also two 2-pound packages for 25 cents.
[3] Price January to June. Also two 2-pound packages for 25 cents.
[4] Price January to June.
[5] Price January to March.
[6] Price January to June. Also 4½ pounds for 25 cents.
[7] Price January to June. Also 4 pounds for 25 cents.
[8] Price January to May.

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910.—Continued.

FOOD—Concluded.

Year.	Tea, English breakfast, per pound.	Veal, per pound.				
		Breast.	Cutlet.	Loin roast.	Rib roast.	Shoulder.
1890	$0.7500	.....	$0.1250	$0.1500	$0.1250	.....
1891	.7500	.....	.1250	.1500	.1250	.....
1892	.7500	.....	.1250	.1500	.1250	.....
1893	.7500	.....	.1250	.1500	.1250	.....
1894	.7500	.....	.1250	.1500	.1250	.....
1895	.7500	.....	.1500	.1500	.1250	.....
1896	.7500	.....	.1500	.1500	.1500	.....
1897	.7500	.....	.1500	.1500	.1500	.....
1898	.7500	.....	.1500	.1500	.1500	.....
1899	.7500	.....	.1800	.1800	.1800	.....
1900	.7500	.....	.2000	.2000	.2000	.....
1901	.7500	.....	.2050	.2100	.2000	.....
1902	.7500	.....	.2100	.2200	.2000	.....
1903	.7500	.....	.2200	.2000	.2000	.....
1904	.7500	.....	.2200	.2000	.2000	.....
1905	.7500	.....	.2017	.2000	.2000	[1] $0.1400
1906	.7500	[1] $0.1250	.2000	.2000	.2000	.1400
1907	.7500	.1250	.2000	.2000	.2000	.1400
1908	.7500	.1250	.2000	.2000	.2000	.1400
1909	.7500	.1250	.2375	.2375	.2000	.1400
1910	[2] .7500	[3] .1400	[3] .2500	[3] .2500	[3] .2000	[3] .1433

Year.	Vegetables.						Wheat, cracked, per pound.
	Peas, canned, Red Ribbon, per can.	Potatoes, Irish, per pound.	Potatoes, Irish, per pound.	Potatoes, Irish, in 100-pound lots, per pound.	Tomatoes, canned, per can.	Tomatoes, canned, per can.	
1890	.....	$0.0250	.....	.....	.....	.....	.....
1891	.....	.0250	.....	.....	.....	.....	.....
1892	.....	.0250	.....	.....	.....	.....	.....
1893	.....	.0250	.....	.....	.....	.....	.....
1894	.....	.0250	.....	.....	.....	.....	.....
1895	.....	.0250	.....	.....	.....	.....	.....
1896	.....	.0250	.....	.....	.....	.....	.....
1897	.....	.0250	.....	.....	.....	.....	.....
1898	.....	.0250	.....	.....	.....	.....	.....
1899	.....	.0250	.....	.....	.....	.....	.....
1900	.....	.0250	.....	.....	.....	.....	.....
1901	.....	.0250	.....	.....	.....	.....	.....
1902	.....	.0250	.....	.....	.....	.....	.....
1903	.....	.0250	[4] $0.0243	.....	$0.1250	.....	$0.0500
1904	.....	.0250	[5] .0294	.....	.1250	.....	.0500
1905	.....	.0250	.0258	.....	.1250	.....	.0500
1906	.....	.0250	.0258	.....	.1250	.....	.0500
1907	.....	.0300	.0258	.....	.1250	.....	.0500
1908	.....	.0350	.0250	.....	.1250	.....	.0500
1909	$0.1500	.0400	.0250	.....	.1250	[6] $0.1000	.0500
1910	[3] .1500	[2] .0400	[3] .0250	[3] $0.0194	[3] .1250	[7] .1000	[3] .0500

[1] Price June to December.
[2] Price January to March.
[3] Price January to June.
[4] Price March to December.
[5] Price May to December.
[6] Also 3 cans for 25 cents.
[7] Price January to June. Also 3 cans for 25 cents.

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910—Continued.

CLOTHS AND CLOTHING.

Year.	Calico, standard prints, American, per yard.	Ginghams, A. F. C., per yard.	Sheetings, cotton, per yard.		Year.	Calico, standard prints, American, per yard.	Ginghams, A. F. C., per yard.	Sheetings, cotton, per yard.	
			Bleached, 4-4.	Brown, 4-4.				Bleached, 4-4.	Brown, 4-4.
1890	$0.1000	.....	$0.1250	$0.1100	1901	$0.0500	.....	$0.1200	$0.1000
1891	.1000	.....	.1250	.1100	1902	.0500	.....	.1200	.1000
1892	.0883	.....	.1163	.1042	1903	.0500	.....	.1200	.1000
1893	.0800	.....	.1100	.1000	1904	.0500	.....	.1238	.1000
1894	.0750	.....	.1100	.1000	1905	.0500	.....	.1200	.1000
1895	.0700	.....	.1100	.1000	1906	.0500	.....	.1200	.1000
1896	.0700	.....	.1100	.1000	1907	.0500	.....	.1200	.1000
1897	.0700	.....	.1117	.1000	1908	.0500	.....	.1200	.1000
1898	.0633	.....	.1200	.1000	1909	.0500	.....	.1000	.1200
1899	.0583	.....	.1208	.1000	1910	[1] .0500	[1] $0.1000	[1] .1000	[1] .1200
1900	.0500	.....	.1233	.1000					

FUEL AND LIGHTING.

Year.	Coal, per ton.		Kerosene oil, in 5-gallon cans, per gallon, in 2-can lots.	Year.	Coal, per ton.		Kerosene oil, in 5-gallon cans, per gallon, in 2-can lots.
	Screened, second grade, Australian, in ton lots.	Stove, picked, Australian, in ton lots.			Screened, second grade, Australian, in ton lots.	Stove, picked, Australian, in ton lots.	
1890	$10.5000	$12.0000	$0.2500	1901	$11.0000	$13.0000	$0.2500
1891	10.5000	12.0000	.2558	1902	11.0000	13.0000	.2542
1892	10.5000	12.0000	.2200	1903	11.0000	13.0000	.2483
1893	10.5000	12.0000	.2075	1904	11.0000	13.0000	.2250
1894	10.5000	12.0000	.2063	1905	11.0000	13.0000	.2250
1895	10.5000	12.0000	.2358	1906	11.0000	12.5000	.2250
1896	10.5000	12.0000	.2567	1907	11.0000	12.5000	.2150
1897	10.5000	12.0000	.2125	1908	11.0000	12.0000	.2150
1898	10.5000	12.0000	.2204	1909	11.5000	12.5000	.2150
1899	11.0000	13.0000	.2250	1910	[2] 14.0000	[2] 15.0000	[2] .2150
1900	11.0000	13.0000	.2850				

[1] Price January to June.

[2] Price January to March.

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TABLE V.—RETAIL PRICES OF COMMODITIES, 1890 TO 1910—Concluded.

MISCELLANEOUS.

Year.	Brick, red, California, per M.	Lumber, fir boards, rough, per M feet.	Nails, cut, 20-penny, per 100-pound keg.	Starch, per pound.			Window glass, 9x12 in., per box.
				Laundry, Lily Gloss.	Laundry, Lily Gloss.	Laundry, ordinary.	
1891						$0.0800	
1892						.0800	
1893						.0800	
1894						.0800	
1895						.0800	
1896						.0800	
1897						.0800	
1898	$22.0000	$20.0000	$3.0000			.0800	$5.0000
1899	22.0000	20.0000	3.0000			.0800	6.0000
1900	21.0000	28.0000	3.0000			.0800	6.0000
1901	20.0000	27.0000	3.2500			.0800	7.5000
1902	20.0000	26.0000	3.2500			.0800	6.0000
1903	20.0000	30.0000	3.2500	$0.1000		.0800	6.0000
1904	19.0000	27.5000	3.2500	.1000		.0800	6.0000
1905	19.2500	28.7500	[1] 3.0000	.1000		.0800	5.6667
1906	20.0000	32.5000	2.9167	.1000		.0800	3.7500
1907	17.3333	36.2500	3.0917	.1000		.0700	3.5208
1908	18.4167	29.1667	3.1000	.1000		.0750	3.3333
1909	19.4167	28.7500	3.0830	.1000	$0.1000	.0800	3.3333
1910	[1] 19.0000	[1] 27.5000	[2] 2.8750	[1] .1000	[1] .1000	[2] .0800	[1] 3.3333

[1] Price January to June.

[2] Price January to March.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

AGRICULTURE, MISCELLANEOUS (12 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Alfalfa growers	2	M.	Chinese	6	60	60	60
2		1	M.	Japanese	6	60	60	60
3	Total	3			6	60	60	60
4	Blacksmiths	3	M.	Japanese	6	59.5	60	59.7
5		1	M.	Russian	6	59.5	59.5	59.5
6		1	M.	Scotch	6	59	59	59
7	Total	5			6	59	60	59.5
8	Blacksmiths' helpers	1	M.	German	6	59	59	59
9		2	M.	Hawaiian	6	59	59	59
10	Total	3			6	59	59	59
11	Bookkeepers	2	M.	Chinese	6	60	60	60
12	Butchers	1	M.	Hawaiian	6	48	48	48
13		1	M.	Part-Hawaiian	6	72	72	72
14	Total	2			6	48	72	60
15	Carpenters	2	M.	Chinese	6	59	59	59
16		7	M.	Japanese	6	59	60	59.6
17		1	M.	Portuguese	6	60	60	60
18	Total	10			6	59	60	59.5
19	Cooks	8	M.	Chinese	[1] 6.1	60	84	66
20	Cooks and yardmen	3	M.	Japanese	7	70	70	70
21	Cowboys	8	M.	Hawaiian	6	[2] 72	[2] 72	[2] 72
22		1	M.	Part-Hawaiian	6	72	72	72
23	Total	9			6	[2] 72	[2] 72	[2] 72
24	Cultivators	3	M.	Chinese	6	60	60	60
25		1	M.	Hawaiian	6	60	60	60
26		2	M.	Korean	6	60	60	60
27	Total	6			6	60	60	60
28	Cultivators and harvesters	2	M.	Japanese	6	59	59	59
29	Cultivators and ranchmen	2	M.	English	6	60	60	60
30		7	M.	Hawaiian	6	60	60	60
31		2	M.	Japanese	6	60	60	60
32		6	M.	Korean	6	60	60	60
33	Total	17			6	60	60	60
34	Cutters, grass	5	M.	Chinese	6	66	66	66
35	Engineer, assistant	1	M.	Japanese	6	59.5	59.5	59.5
36	Engineers, mill and plow	2	M.	....do	6	59.5	59.5	59.5
37	Engineer, mill and plow, assistant	1	M.	....do	6	59.5	59.5	59.5
38	Farm hands	92	M.	Chinese	6	60	66	62.6
39	Field hands	28	M.	....do	6	59	66	62.8
40		204	M.	Japanese	6	59	60	59.3
41		6	F.	....do	6	59.5	59.5	59.5
42		24	M.	Korean	6	59	59	59
43		6	M.	Porto Rican	6	59.5	59.5	59.5
44	Total	268			6	59	66	59.6
45	Feeders, leaf	2	M.	Japanese	6	59.5	59.5	59.5
46	Feeders, leaf, roller	2	M.	....do	6	59.5	59.5	59.5
47	Foremen	4	M.	Chinese	6	60	66	64.5
48		1	M.	German	7	70	70	70
49	Total	5			[1] 6.2	60	70	65.6

[1] Average.

[2] Hours reported for 3 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910.

AGRICULTURE, MISCELLANEOUS (12 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.84	1
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	2
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	3
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.13	4
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.00	6
.....	.....	.....	4	.....	.....	.....	.....	.....	1	.....	.....	1.68	7
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.50	8
.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1.38	9
.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	1.75	10
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.16	11
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.11	12
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	13
.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1.82	14
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.50	15
.....	.....	1	5	1	.....	.....	.....	.....	.....	.....	.....	1.31	16
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.11	17
.....	.....	1	5	3	1	.....	.....	.....	.....	.....	.....	1.43	18
.....	.....	1	7	.....	.....	.....	.....	.....	.....	.....	.....	1.08	19
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.82	20
.....	.....	1	2	.....	5	.....	.....	.....	.....	.....	.....	1.66	21
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	22
.....	.....	1	2	1	5	.....	.....	.....	.....	.....	.....	1.65	23
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	24
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.04	25
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	26
.....	.....	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.84	27
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	28
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	29
.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	30
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.68	31
.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	32
.....	2	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.76	33
.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	1.11	34
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.50	35
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	36
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	37
.....	.....	.....	92	.....	.....	.....	.....	.....	.....	.....	.....	1.14	38
.....	.....	13	15	.....	.....	.....	.....	.....	.....	.....	.....	.94	39
.....	37	167	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	40
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	41
.....	.....	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.75	42
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	43
.....	49	204	15	.....	.....	.....	.....	.....	.....	.....	.....	.78	44
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	45
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	46
.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	1.38	47
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.96	48
.....	.....	.....	3	1	.....	1	.....	.....	.....	.....	.....	1.70	49

[a] Hours reported for 4 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

AGRICULTURE, MISCELLANEOUS (12 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Foreman, cowboys	1	M.	Hawaiian	6	60	60	60
2	Foreman, dairy	1	M.	Japanese	7	84	84	84
3	Foremen, dairy, assistant	3	M.	do	7	84	84	84
4	Foreman-manager	1	M.	Chinese	6	60	60	60
5	Foremen, teamsters and cultivators	11	M.	Hawaiian	6	59	59	59
6	Gardeners	2	M.	Chinese	6	60	66	63
7	Harness maker	1	M.	Hawaiian	6	59	59	59
8	Harvesters and planters	25	M.	Chinese	6	66	66	66
9	Helpers, ranch	2	M.	Japanese	6	72	72	72
10	Honey and bee men	2	M.	do	6	60	60	60
11	House and field hand	1	F.	do	7	[1]	[1]	[1]
12	Leaf cutters	2	M.	do	6	59.5	59.5	59.5
13	Managers	[2] 3	M.	American	7	[1]	[1]	[1]
14		1	M.	German	[1]	[1]	[1]	[1]
15	Total	4			[4] 7	[1]	[1]	[1]
16	Manager, assistant	1	M.	German	[1]	[1]	[1]	[1]
17	Mason	1	M.	Japanese	6	59	59	59
18	Masons' helpers	2	M.	do	6	59	59	59
19	Mill men	11	M.	Chinese	6	60	66	63.8
20		[6] 6	M.	Japanese	6	59	59.5	59.3
21		5	F.	do	6	59.5	59.5	59.5
22	Total	[6] 22			6	59	66	61.6
23	Overseers	1	M.	American	6	59	59	59
24		1	M.	English	7	70	70	70
25		1	M.	German	6	59.5	59.5	59.5
26		3	M.	Hawaiian	6	59	59	59
27		4	M.	Japanese	6	59	59.5	59.3
28	Total	10			[7] 6.1	59	70	60.3
29	Presser and baler	1	M.	Japanese	6	59.5	59.5	59.5
30	Presser and baler's helpers	2	M.	do	6	59.5	59.5	59.5
31	Plowmen	25	M.	Chinese	6	60	66	62.9
32	Plowmen and planters	2	M.	Japanese	6	59	59	59
33	Ranchmen	1	M.	American Negro	6	60	60	60
34		1	M.	Chinese	6	60	60	60
35		1	M.	English	6	60	60	60
36		4	M.	Hawaiian	6	60	60	60
37		2	M.	Japanese	6	60	60	60
38	Total	9			6	60	60	60
39	Secretary and treasurer	1	M.	English	[1]	[1]	[1]	[1]
40	Superintendent	1	M.	Part-Hawaiian	7	[1]	[1]	[1]
41	Stableman	1	M.	Chinese	6	66	66	66
42	Stockmen	3	M.	do	7	70	70	70
43		20	M.	Hawaiian	[7] 6.4	48	70	62.2
44		4	M.	Japanese	7	70	70	70
45		4	M.	Portuguese	[7] 6.3	60	70	62.5
46	Total	31			[7] 6.5	48	70	64
47	Teamsters	12	M.	Chinese	[7] 6.2	60	70	64.2
48		17	M.	Japanese	6	59.5	59.5	59.5
49	Total	29			[7] 6.1	59.5	70	61.4
50	Teamsters and cultivators	17	M.	Hawaiian	6	59	59	59
51	Teamsters' helper	1	M.	Japanese	6	59.5	59.5	59.5
52	Woodchoppers	2	M.	Hawaiian	6	60	60	60

[1] Not reported.
[2] And board.
[3] Employed as managers part of time only.
[4] Days reported for 3 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

AGRICULTURE, MISCELLANEOUS (12 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
				1								$1.73	1
			1									1.32	2
		2	1									.99	3
			1									1.18	4
			11									1.00	5
			2									1.12	6
						1						2.68	7
			25									1.09	8
		2										.96	9
		1	1									.98	10
[2]1												[2]39	11
												(1)	12
			[3]3									[3]1.32	13
											1	5.75	14
			[3]3								1	[5]2.43	15
								1				3.83	16
				1								1.50	17
		2										.85	18
			11									1.12	19
	[6]4	2										[6]71	20
	5											.54	21
	[6]9	2	11									[6].88	22
			[2]1									[2]1.15	23
				1								1.97	24
						1	1					2.68	25
				2	1							1.98	26
			2	2								1.42	27
			[3]3	5	1	1						[3]1.74	28
		1										.80	29
	2											.70	30
			25									1.12	31
		2										.84	32
		1										.96	33
		1										.96	34
		1										.96	35
		2	2									1.06	36
			2									.96	37
		5	4									1.00	38
						1						2.88	39
										1		4.93	40
			1									1.09	41
1	2											.59	42
		17	3									.82	43
	1	3										.87	44
		3	1									.84	45
1	3	23	4									.81	46
	2		10									1.06	47
		15	2									.86	48
	2	15	12									.94	49
			17									1.00	50
	1											.70	51
		1	1									1.06	52

[5] Including 3 managers who work part of time only.
[6] Including 1 boy.
[7] Average.
[8] Including 1 employee who receives also board.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

BAKERY (15 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bakers	2	M.	American	(1)	(1)	(1)	(1)
2		31	M.	Chinese	[2] 6.7	[3] 48	[3] 84	[3] 77.3
3		3	M.	Japanese	6	54	66	62
4		5	M.	Portuguese	7	70	70	70
5	Total	41	.....	.....	[4] 6.7	[5] 48	[5] 84	[5] 75.1
6	Bakers and drivers	2	M.	Portuguese	7	70	70	70
7	Bakers' helpers	4	M.	Chinese	(1)	(1)	(1)	(1)
8		3	M.	Japanese	[6] 6	[7] 66	[7] 66	[7] 66
9	Total	7	.....	.....	[8] 6	[7] 66	[7] 66	[7] 66
10	Cake makers	8	M.	Japanese	6	48	72	61.5
11	Cake makers' helper	1	M.	....do	6	60	60	60
12	Drivers	5	M.	Portuguese	[13] 6	[14] 56	[14] 56	[14] 56
13	Packers	2	F.	Japanese	(1)	(1)	(1)	(1)

BAKERY, CONFECTIONERY, AND RESTAURANT (2 establishments).

14	Bakers	1	M.	American	7	56	56	56
15		1	M.	Chinese	7	56	56	56
16		3	M.	.....do	6	60	60	60
17		4	M.	Japanese	6	60	60	60
18	Total	9	.....	.....	[15] 6.2	56	60	59.1
19	Bakers' helpers	1	M.	Chinese	7	70	70	70
20		1	M.	Japanese	7	70	70	70
21	Total	2	.....	.....	7	70	70	70
22	Candy makers	2	M.	American	6	54	60	57
23		2	M.	Japanese	6	60	60	60
24		1	F.	Portuguese	6	60	60	60
25	Total	5	.....	.....	6	54	60	58.8
26	Candy makers' assistants	2	M.	Japanese	6	54	54	54
27		1	F.	.....do	6	54	54	54
28	Total	3	.....	.....	6	54	54	54
29	Cooks	2	M.	Chinese	7	70	70	70
30	Cooks' assistants	2	M.	Japanese	7	70	70	70
31	Drivers	3	M.	Portuguese	6	54	54	54
32	Saleslladies	1	F.	Part-Hawaiian	7	56	56	56
33		3	F.	Portuguese	7	56	56	56
34	Total	4	.....	.....	7	56	56	56
35	Steward	1	M.	Portuguese	7	70	70	70
36	Waiters	9	M.	Japanese	7	70	70	70
37		3	M.	Chinese	6	60	60	60
38	Total	12	.....	.....	[15] 6.8	60	70	67.5

[1] Not reported.
[2] Average days reported for 30 employees only.
[3] Hours reported for 30 employees only.
[4] Average days reported for 38 employees only.
[5] Hours reported for 38 employees only.
[6] Days reported for 1 employee only.
[7] Hours reported for 1 employee only.
[8] And board.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

BAKERY (15 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
						1	1					$2.75	1
1	13	10	5	1	1							.87	2
	2	1										.66	3
		2	3									1.15	4
1	15	13	8	1	1	1	1					.98	5
	1		1									.97	6
			4									1.10	7
[8] 1			2									[9] .84	8
[8] 1			6									[9] .99	9
	[10] 5	1	[9] 2									[11] .81	10
	1											[12] .58	11
		1	4									1.06	12
	2											.50	13

BAKERY, CONFECTIONERY, AND RESTAURANT (2 establishments).

						1						$2.63	14
						1						2.96	15
		1		1	1							1.53	16
		2	1		1							1.25	17
		3	1	1	2	2						1.69	18
			1									1.15	19
			1									1.15	20
			2									1.15	21
								2				3.83	22
		1	1									1.06	23
			1									1.33	24
		1	2					2				2.22	25
			2									1.03	26
		1										.77	27
		1	2									.94	28
			1	1								1.43	29
	2											.71	30
				2								1.60	31
		1										.86	32
	1		2									.95	33
	1	1	2									.93	34
					1							2.29	35
			9									1.00	36
			3									1.17	37
			12									1.04	38

[9] Including 1 employee who receives also board.
[10] Including 2 employees who receive board and free house rent.
[11] Including 1 employee who receives also board and 2 employees who receive board and free house rent.
[12] And board and rent.
[13] Days reported for 3 employees only.
[14] Hours reported for 3 employees only.
[15] Average.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

BAKERY AND RESTAURANT (1 establishment).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Cake makers' helper	1	F.	Japanese	7	70	70	70
2	Cook	1	M.	.....do	7	70	70	70
3	Waiter	1	M.	.....do	7	70	70	70

BOTTLING WORKS (1 establishment).

4	Bottlers and cleaners	2	M.	Japanese	6	54	54	54
5	Bottlers and cleaners' helper	1	M.	.....do	6	54	54	54
6	Driver	1	M.	English	6	54	54	54
7	Drivers' assistant	1	M.	Japanese	6	54	54	54
8	Foreman	1	M.	English	6	54	54	54
9	Superintendent	1	M.	American	6	54	54	54

BREWERY (2 establishments).

10	Bottlers	6	M.	Chinese	6	54	54	54
11		4	M.	Hawaiian	6	54	54	54
12		3	M.	Part-Hawaiian	6	54	54	54
13		4	M.	Italian	6	54	54	54
14		7	M.	Japanese	6	54	54	54
15		10	M.	Portuguese	6	54	54	54
16	Total	34	.....	.....	6	54	54	54
17	Brewery workers	8	M.	Japanese	6	60	60	60
18	Brew masters	2	M.	.....do	6	60	60	60
19	Cellarmen	2	M.	German	6	54	54	54
20		1	M.	Japanese	6	54	54	54
21		1	M.	Russian	6	54	54	54
22	Total	4	.....	.....	6	54	54	54
23	Cooper	1	M.	Portuguese	6	54	54	54
24	Drivers	2	M.	American	6	54	54	54
25		1	M.	Hawaiian	6	54	54	54
26		1	M.	White	6	54	54	54
27	Total	4	.....	.....	.....	54	54	54
28	Engineers' helpers	1	M.	Japanese	6	54	54	54
29		1	M.	Portuguese	6	54	54	54
30	Total	2	.....	.....	6	54	54	54
31	Foremen	1	M.	Norwegian	7	77	77	77
32		1	M.	Portuguese	7	77	77	77
33	Total	2	.....	.....	7	77	77	77
34	Ice pullers	1	M.	Hawaiian	7	77	77	77
35		2	M.	Japanese	7	77	77	77
36		1	M.	S. Sea Islander	7	77	77	77
37	Total	4	.....	.....	7	77	77	77
38	Machinist	1	M.	American	6	54	54	54

BUILDING (25 establishments).

39	Bricklayers	1	M.	Hawaiian	6	48	48	48
40		4	M.	Japanese	6	59	59	59
41		1	M.	Other Caucasian	6	48	48	48
42		1	M.	Portuguese	6	48	48	48
43	Total	7	.....	.....	6	48	59	54.3

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

BAKERY AND RESTAURANT (1 establishment).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
1												$0.43	1
	1											.66	2
1												.49	3

BOTTLING WORKS (1 establishment).

			2									$1.15	4
			1									1.04	5
				1								1.53	6
			1									1.34	7
						1						2.68	8
											1	5.75	9

BREWERY (2 establishments).

			5	1								$1.08	10
			2	1	1							1.50	11
	1		2									.83	12
			4									1.00	13
			6	1								1.11	14
	3		7									.88	15
	4		26	3	1							1.05	16
		1	7									1.07	17
				2								1.92	18
						2						2.50	19
				1								1.75	20
					1							2.00	21
				1	1	2						2.19	22
					1							2.00	23
						1	1					2.88	24
				1								1.75	25
			1									1.00	26
			1	1		1	1					2.13	27
			1									1.25	28
					1							2.00	29
			1		1							1.63	30
						1						2.50	31
						1						2.50	32
						2						2.50	33
				1								1.50	34
			1	1								1.35	35
				1								1.50	36
			1	3								1.43	37
						1						2.50	38

BUILDING (25 establishments).

											1	$6.00	39
			1	3								1.53	40
											1	6.00	41
											1	6.00	42
			1	3							3	3.45	43

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

BUILDING (25 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Carpenters	10	M.	American	6	47	48	47.8
2		59	M.	Chinese	6	53	60	54.8
3		3	M.	Part-Hawaiian	6	48	48	48
4		1	M.	Danish	6	48	48	48
5		5	M.	Hawaiian	6	48	48	48
6		24	M.	Japanese	6	53	59	56.4
7		5	M.	Other Caucasian	6	47	48	47.4
8		22	M.	Portuguese	6	48	48	48
9	Total	129	....	....	6	48	60	52.6
10	Carpenters, foremen	2	M.	American	6	48	48	48
11		2	M.	Chinese	6	53	54	53.5
12		1	M.	Part-Hawaiian	6	48	48	48
13		3	M.	Japanese	6	53	59	57
14		1	M.	Other Caucasian	6	47	47	47
15		1	M.	Portuguese	6	48	48	48
16	Total	10	....	....	6	47	59	51.7
17	Carpenters' helpers	2	M.	Chinese	6	54	54	54
18	Cement worker	1	M.	Portuguese	6	48	48	48
19	Clerk	1	M.	Chinese	6	54	54	54
20	Cooks	2	M.	do	6	53	54	53.5
21	Cook	1	M.	do	6	54	54	54
22	Coppersmith	1	M.	Portuguese	6	48	48	48
23	Cornice worker	1	M.	Japanese	6	48	48	48
24	Cornice workers' apprentices	4	M.	Portuguese	6	48	48	48
25	Galvanized iron workers	3	M.	do	6	48	48	48
26	Galvanized iron workers' apprentices	2	M.	do	6	48	48	48
27	Galvanized iron workers' helpers	2	M.	do	6	48	48	48
28	Painters	3	M.	American	6	47	48	47.3
29		6	M.	Hawaiian	6	48	48	48
30		5	M.	Part-Hawaiian	6	48	48	48
31		1	M.	Russian	6	48	48	48
32	Total	15	....	....	6	47	48	47.9
33	Paper hangers	1	M.	Hawaiian	6	48	48	48
34		2	M.	Japanese	6	59	59	59
35	Total	3	....	....	6	48	59	55.3
36	Plasterers	7	M.	Portuguese	6	47	48	47.7
37	Plumbers	1	M.	American	6	48	48	48
38		5	M.	Chinese	6	53	54	53.2
39		1	M.	Other Caucasian	6	47	47	47
40		8	M.	Portuguese	6	47	47	47
41	Total	15	....	....	6	47	54	49.1
42	Plumbers, foremen	1	M.	Other Caucasian	6	47	47	47
43		1	M.	Portuguese	6	47	47	47
44	Total	2	....	....	6	47	47	47
45	Sheet-metal workers	3	M.	Japanese	6	47	47	47
46		7	M.	Portuguese	6	47	48	47.6
47	Total	10	....	....	6	47	48	47.4
48	Sheet-metal workers' helper	1	M.	Portuguese	6	48	48	48
49	Sawmillers	2	M.	Chinese	6	54	54	54
50	Sawmiller, foreman	1	M.	do	6	54	54	54
51	Stonemasons	4	M.	Japanese	6	59	59	59
52	Stonemason, foreman	1	M.	do	6	59	59	59
53	Tinsmiths	15	M.	Chinese	6	53	54	53.8

[1] And free board.
[2] 30 employees receive also free board.
[3] 4 employees receive also free board.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

BUILDING (25 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
							1		8		1	$4.03	1
	3	6	20	[1] 20	[1] 10							[2] 1.50	2
							1	1	1			3.50	3
								1				3.50	4
						2		2	1			3.37	5
			6	[3] 18								[3] 1.59	6
									3	2		4.20	7
						4	5	6	6	1		3.41	8
	3	6	26	[4] 38	[1] 10	6	7	10	19	3	1	[5] 2.28	9
											2	6.11	10
					1			[1] 1				2.79	11
										1		4.80	12
					3							2.17	13
											1	7.00	14
											1	5.00	15
					4			[1] 1		1	4	4.11	16
		2										.92	17
											1	5.00	18
1												.16	19
		2										.81	20
[6] 1												[6] .19	21
								1				3.50	22
						1						2.50	23
			4									1.19	24
				1		1		1				2.50	25
	2											.50	26
			2									1.00	27
								2			1	4.00	28
							6					3.00	29
							3	1			1	3.55	30
						1						2.50	31
						1	9	3			2	3.35	32
								1				3.50	33
				1	1							1.88	34
				1	1			1				2.42	35
							3	1	1		2	3.79	36
											1	6.00	37
		3	2									.91	38
							1					3.45	39
			5	2			1					1.52	40
		3	7	2			2					1.74	41
										1		4.79	42
								1				3.50	43
								1		1		4.15	44
			2			1						1.50	45
				2	2	3						2.18	46
			2	2	2	4						1.98	47
		1										.75	48
				2								1.50	49
					1							2.00	50
			1	3								1.53	51
					1							2.00	52
	1	7	7									1.00	53

[4] 24 employees receive also free board.
[5] 34 employees receive also free board.
[6] Boy.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND CARRIAGE MAKING (7 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Apprentices	1	M.	American	6	52	52	52
2		1	M.	Portuguese	6	52	52	52
3	Total	2			6	52	52	52
4	Blacksmiths	1	M.	American	6	54	54	54
5		5	M.	Chinese	6	53	53	53
6		1	M.	English	6	54	54	54
7		1	M.	Hawaiian	6	53	53	53
8		2	M.	Hawaiian, white	6	52	54	53
9		1	M.	Portuguese	6	54	54	54
10	Total	11			6	52	54	53.3
11	Blacksmiths' helpers	1	M.	American	6	54	54	54
12		1	M.	English	6	54	54	54
13		2	M.	Hawaiian	6	53	54	53.5
14		9	M.	Portuguese	6	52	54	53.6
15	Total	13			6	52	54	53.6
16	Bookkeepers	1	M.	American	6	54	54	54
17		1	M.	Irish	6	52	52	52
18	Total	2			6	52	54	53
19	Caretaker	1	M.	Japanese	6	52	52	52
20	Carpenters	1	M.	Chinese	6	53	53	53
21		1	M.	Japanese	6	66	66	66
22	Total	2			6	53	66	59.5
23	Carpenters' helpers	2	M.	Japanese	6	66	66	66
24	Clerk, shipping	1	M.	American	6	52	52	52
25	Demonstrator and salesman	1	M.	do	6	52	52	52
26	Machinists	1	M.	do	6	52	52	52
27		1	M.	Hawaiian, white	6	52	52	52
28	Total	2			6	52	52	52
29	Manager	1	M.	German	(1)	(1)	(1)	(1)
30	Painters	4	M.	Chinese	6	52	54	53.3
31	Painters' helpers	4	M.	do	6	54	54	54
32	Room boy	1	M.	Hawaiian	6	52	52	52
33	Stenographer	1	F.	Hawaiian, white	6	52	52	52
34	Superintendent, salesman	1	M.	American	6	52	52	52
35	Trimmers	1	M.	do	6	54	54	54
36		1	M.	Chinese	6	53	53	53
37		1	M.	German	6	54	54	54
38		1	M.	Portuguese	6	52	52	52
39	Total	4			6	52	54	53.3
40	Trimmers' helpers	1	M.	American	6	52	52	52
41		2	M.	Hawaiian	6	54	54	54
42	Total	3			6	52	54	53.3
43	Wagon makers	1	M.	Japanese	6	60	60	60
44		1	M.	Portuguese	6	53	53	53
45	Total	2			6	53	60	56.5
46	Wheelwright	1	M.	German	6	52	52	52
47	Woodworkers	1	M.	do	6	54	54	54
48		1	M.	Hawaiian, white	6	54	54	54
49		1	M.	Portuguese	6	54	54	54
50	Total	3			6	54	54	54
51	Woodworkers' helper	1	M.	Portuguese	6	54	54	54

[1] Not reported.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

CARRIAGE MAKING (7 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
		1										$0.83	1
			1									1.00	2
		1	1									.92	3
										1		4.50	4
		3			1			1				1.73	5
									1			4.00	6
							1					3.25	7
							1	1				3.25	8
									1			4.00	9
		3			1		2	2	2	1		2.81	10
					1							2.00	11
					1							2.00	12
			1		1							1.50	13
		1	1	3	3	1						1.70	14
		1	2	3	6	1						1.72	15
									1			4.17	16
										1		4.79	17
									1	1		4.48	18
		1										.83	19
						1						2.88	20
					1							2.00	21
					1	1						2.44	22
1	1											.46	23
										1		4.79	24
							1					3.33	25
							1					3.33	26
							1					3.33	27
							2					3.33	28
											1	11.50	29
						2		1	1			3.17	30
				3		1						1.79	31
		1										.83	32
			1									1.34	33
											1	6.38	34
									1			4.00	35
				1								1.92	36
											1	6.67	37
							1					3.25	38
				1			1		1		1	3.96	39
			1									1.15	40
				2								1.67	41
			1	2								1.50	42
			1									1.00	43
									1			4.00	44
			1						1			2.50	45
									1			4.00	46
										1		4.50	47
							1					3.00	48
							1					3.33	49
							2			1		3.61	50
				1								1.67	51

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

CANDY (3 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Candy makers	7	M.	Japanese	6	60	72	63.4
	CANNING FRUIT (1 establishment).							
2	Bather	1	M.	Japanese	6	59.5	59.5	59.5
3	Overseer	1	M.	....do	6	59.5	59.5	59.5
4	Peelers and corers	2	M.	....do	6	59.5	59.5	59.5
5	Seamer	1	M.	....do	6	59.5	59.5	59.5
6	Selectors	6	F.	....do	6	59.5	59.5	59.5
7	Slicer	1	M.	....do	6	59.5	59.5	59.5
	CHARCOAL BURNING (1 establishment).							
8	Charcoal burner	1	M.	Japanese	6	60	60	60
	CLEANING CLOTHING (1 establishment).							
9	Clerk	1	M.	Hawaiian	6	54	54	54
10	Cleaner	1	M.	Japanese	6	54	54	54
11	Driver	1	M.	Hawaiian	6	54	54	54
12	Foreman	1	M.	German	6	54	54	54
	COFFEE DEALER (1 establishment).							
13	Clerk	1	M.	Portuguese	6	53	53	53
14	Laborers	2	M.	Japanese	6	53	53	53
	COFFEE PLANTATION (1 establishment).							
15	Hand pickers	52	F.	Hawaiian	(1)	(1)	(1)	(1)
16	Laborers, general	3	M.	....do	6	51	51	51
17		1	M.	Japanese	6	51	51	51
18	Total	4	....		6	51	51	51
19	Packers	4	F.	Hawaiian	6	51	51	51
20	Superintendent	1	M.	....do	6	51	51	51
	DRUGS AND CHEMICALS (2 establishments).							
21	Chemists	2	M.	American	6	51	54	52.5
22	Chemists' assistants	1	M.	....do	6	51	51	51
23		1	F.	Japanese	6	54	54	54
24	Total	2	....		6	51	54	52.5
25	Clerks, stock	1	M.	American	6	54	54	54
26		1	M.	Japanese	6	54	54	54
27	Total	2	....		6	54	54	54
28	Laborers	1	M.	Chinese	6	51	51	51
29		1	M.	Japanese	6	51	51	51
30		[5] 1	M.	....do	6	51	51	51
31	Total	[6] 3	M.		6	51	51	51

[1] And board. [2] 3 employees receive also board. [3] And lodging quarters.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

CANDY (3 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	[1]3	1	3	.....	.....	.....	.....	.....	.....	.....	.....	[2]$0.81	1

CANNING FRUIT (1 establishment).

.....	.....	[3]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3]$.090	2
.....	.....	.....	.....	.....	.....	.....	[3]1	.....	.....	.....	.....	[3]3.00	3
.....	.....	[3]2	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3]1.90	4
.....	.....	[3]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].90	5
.....	[3]6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].50	6
.....	.....	[3]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].90	7

CHARCOAL BURNING (1 establishment).

.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.77	8

CLEANING CLOTHING (1 establishment).

.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.83	9
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	10
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	11
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.00	12

COFFEE DEALER (1 establishment).

.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	$3.42	13
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.83	14

COFFEE PLANTATION (1 establishment).

.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.90	15
.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	1.50	16
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	17
.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	1.50	18
.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	19
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.50	20

DRUGS AND CHEMICALS (2 establishments).

.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	$5.75	21
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.45	22
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	23
.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	2.14	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.00	25
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.67	26
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	3.34	27
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	28
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	29
.....	.....	[5]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[5].83	30
.....	.....	[5]1	2	.....	.....	.....	.....	.....	.....	.....	.....	[6].94	31

[4] Not reported—contract. [5] Boy under 16 years of age. [6] Including 1 boy under 16 years of age.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

ELECTRIC LIGHT AND ICE (2 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Clerk	1	M.	Portuguese	7	56	56	56
2	Engineers	1	M.	American	7	56	56	56
3		1	M.	Hawaiian, white.	7	56	56	56
4	Total	2	.....	.....	7	56	56	56
5	Engineer, chief	1	M.	American	7	56	56	56
6	Drivers	1	M.	Hawaiian	7	56	56	56
7		2	M.	Hawaiian, white.	7	56	56	56
8		1	M.	Japanese	7	56	56	56
9		4	M.	Portuguese	7	56	56	56
10	Total	8	.....	.....	7	56	56	56
11	Helpers	4	M.	Hawaiian	7	56	56	56
12		[1] 4	M.	.....do	7	56	56	56
13		[2] 1	M.	Japanese	7	56	56	56
14		[1] 2	M.	Portuguese	7	56	56	56
15	Total	[3] 11	.....	.....	7	56	56	56
16	Oilers	3	M.	Japanese	7	56	56	56
17	Stablemen	2	M.	.....do	7	56	56	56
18	Storageman	1	M.	Hawaiian	7	56	56	56
19	Superintendent	1	M.	American	7	56	56	56
20	Tank men	2	M.	Hawaiian	7	56	56	56
21		2	M.	Japanese	7	56	56	56
22	Total	4	.....	.....	7	56	56	56

FERTILIZERS (2 establishments).

23	Bag sewers	4	F.	Spanish	6	53	53	53
24	Bookkeeper	1	M.	American	6	53	53	53
25	Carpenters	2	M.	Japanese	6	53	56	54.5
26	Chemist	1	M.	American	6	53	53	53
27	Clerk	1	M.	.....do	6	53	53	53
28	Drivers	8	M.	Hawaiian	6	53	53	53
29	Engineer	1	M.	American	6	53	53	53
30	Firemen	1	M.	German	7	77	77	77
31		1	M.	Japanese	6	53	53	53
32		1	M.	Portuguese	7	77	77	77
33	Total	3	.....	.....	[4] 6.7	53	77	69
34	Foreman	1	M.	American	6	53	53	53
35	Laborers	2	M.	Chinese	6	53	56	54.5
36		10	M.	Hawaiian	6	53	56	54.2
37		4	M.	Japanese	7	77	77	77
38		67	M.	.....do	6	53	56	55.1
39		10	F.	.....do	6	56	56	56
40		1	M.	Korean	6	56	56	56
41	Total	94	.....	.....	6	53	77	56
42	Oiler	1	M.	Japanese	6	53	53	53
43	Overseer	1	M.	Portuguese	6	53	53	53
44	Overseer, second	1	M.	Hawaiian	6	53	53	53
45	Stableman	1	M.	German	6	53	53	53
46	Stableman, second	1	M.	Hawaiian	6	53	53	53

[1] Boys. [2] Boy.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

ELECTRIC LIGHT AND ICE (2 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
				1								$1.64	1
									1			4.11	2
									1			4.11	3
									2			4.11	4
											1	5.92	5
			1									1.32	6
				1	1							1.97	7
		1										.99	8
				3	1							1.97	9
		1	1	4	2							1.77	10
		2	2									1.13	11
	[1]4											[1].50	12
	[2]1											[2].50	13
	[1]2											[1].50	14
	[1]7	2	2									[3].73	15
			3									1.21	16
		1	1									1.16	17
						1						2.63	18
										1		4.93	19
				2								1.97	20
			2									1.24	21
			2	2								1.61	22

FERTILIZERS (2 establishments).

	4											$0.50	23
										1		4.79	24
				1		1						2.13	25
											1	6.71	26
								1				3.83	27
				8								1.67	28
											1	5.75	29
					1							2.25	30
				1								1.67	31
					1							2.00	32
				1	2							1.97	33
											1	8.63	34
			1	1								1.38	35
			4	6								1.40	36
				4								1.50	37
			60	6	1							1.29	38
		10										.85	39
			1									1.25	40
		10	66	17	1							1.27	41
				1				1				1.50	42
												3.83	43
						1						2.67	44
					1							2.17	45
				1								1.67	46

[3] Including 7 boys. [4] Average.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

FOUNDRY AND MACHINE SHOP (3 establishments.)

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Blacksmiths	1	M.	American	6	49.5	49.5	49.5
2		2	M.	English	6	49.5	49.5	49.5
3		1	M.	Hawaiian	6	49.5	49.5	49.5
4		1	M.	Portuguese	6	52.5	52.5	52.5
5	Total	5			6	49.5	52.5	50.1
6	Blacksmiths' apprentices	1	M.	Part-Hawaiian	6	46.3	46.3	46.3
7		1	M.	Portuguese	6	46.3	46.3	46.3
8	Total	2			6	46.3	46.3	46.3
9	Blacksmiths' foreman	1	M.	American	6	46.3	46.3	46.3
10	Blacksmiths' helpers	3	M.	Hawaiian	6	49.5	49.5	49.5
11		2	M.	Part-Hawaiian	6	46.3	49.5	47.9
12		5	M.	Portuguese	6	49.5	52.5	50.1
13	Total	10			6	46.3	52.5	49.5
14	Boilermakers	11	M.	American	6	49.5	49.5	49.5
15		2	M.	English	6	49.5	49.5	49.5
16		2	M.	Hawaiian	6	46.3	49.5	47.9
17		1	M.	Portuguese	6	46.3	46.3	46.3
18	Total	16			6	46.3	49.5	49.1
19	Boilermakers' apprentices	2	M.	Portuguese	6	46.3	46.3	46.3
20	Boilermakers' foreman	1	M.	American	6	46.3	46.3	46.3
21	Boilermakers' helpers	1	M.	do	6	49.5	49.5	49.5
22		1	M.	German	6	49.5	49.5	49.5
23		41	M.	Hawaiian	6	46.3	49.5	48.9
24		4	M.	Part-Hawaiian	6	49.5	49.5	49.5
25		7	M.	Portuguese	6	49 5	49.5	49.5
26	Total	54			6	46.3	49.5	49
27	Bricklayer	1	M.	English	6	48	48	48
28	Bricklayers' helpers	3	M.	Portuguese	6	48	48	48
29	Carpenters	1	M.	do	6	46.3	46.3	46.3
30		2	M.	Hawaiian	6	49.5	49.5	49.5
31		2	M.	Part-Hawaiian	6	46.3	50	48.2
32	Total	5			6	46.3	50	48.3
33	Carpenters' helpers	2	M.	Hawaiian	6	49.5	49.5	49.5
34	Clerks	1	M.	American	6	50	50	50
35		1	M.	Chinese	6	50	50	50
36		2	M.	English	6	50	50	50
37	Total	4			6	50	50	50
38	Clerk, shipping	1	M.	Part-Hawaiian	6	54	54	54
39	Coppersmith	1	M.	Hawaiian	6	49.5	49.5	49.5
40	Coppersmiths' helpers	1	M.	do	6	49.5	49.5	49.5
41		1	M.	Part-Hawaiian	6	49.5	49.5	49.5
42	Total	2			6	49.5	49.5	49.5
43	Coremakers	5	M.	Hawaiian	6	46.3	49.5	48.2
44		2	M.	Portuguese	6	49.5	49.5	49.5
45	Total	7			6	46.3	49.5	48.6
46	Coremakers' apprentices	3	M.	Portuguese	6	49.5	49.5	49.5
47	Craneboy	1	M.	Hawaiian	6	46.3	46.3	46.3
48	Draftsman	1	M.	American	6	48	48	48
49	Draftsman's helper	1	M.	Part-Hawaiian	6	48	48	48

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

FOUNDRY AND MACHINE SHOP (3 establishments).

Classified wages per day												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3	$3 and under $3.50.	$3.50 and under $4	$4 and under $4.50	$4.50 and under $5	$5 and over		
											1	$7.00	1
										1	1	4.75	2
									1			4.25	3
								1				3.75	4
								1	1	1	2	4.90	5
			1									1.00	6
	1											.50	7
	1		1									.75	8
											1	6.00	9
				1	2							1.94	10
						2						2.50	11
				4	1							1.53	12
				5	3	2						1.85	13
											11	5.07	14
											2	6.25	15
									1		1	4.50	16
											1	5.00	17
									1		15	5.14	18
	1				1							1.33	19
											1	6.00	20
				1								1.50	21
					1							2.00	22
		2	2	30	5	1	1					1.59	23
				3	1							1.63	24
	1		1	3	1		1					1.63	25
	1	2	3	37	8	1	2					1.60	26
											1	6.00	27
				3								1.75	28
								1				3.50	29
							1		1			3.50	30
						2						2.50	31
						2	1	1	1			3.10	32
					1	1						2.25	33
						1						2.88	34
		1										.77	35
											2	5.75	36
		1				1					2	3.79	37
							1					3.00	38
								1				3.75	39
						1						2.50	40
			1									1.00	41
			1			1						1.75	42
				1	1		1	1	1			2.92	43
				1	1							1.92	44
				2	2		1	1	1			2.63	45
	2		1									.72	46
			1									1.00	47
									1			4.00	48
			1									1.33	49

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Drivers	1	M.	American	6	50	50	50
2		1	M.	Hawaiian	6	50	50	50
3		1	M.	Portuguese	6	54	54	54
4	Total	3			6	50	54	51.3
5	Fireman	1	M.	Portuguese	6	46.3	46.3	46.3
6	Janitors	1	M.	Chinese	6	54	54	54
7		1	M.	.....do	2	5	5	5
8		1	M.	Portuguese	7	63	63	63
9	Total	3			5	5	63	40.7
10	Machinists	2	M.	American	6	46.3	52.5	49.4
11		1	M.	German	6	46.3	46.3	46.3
12		1	M.	Norwegian	6	46.3	46.3	46.3
13		1	M.	Portuguese	6	46.3	46.3	46.3
14		1	M.	Scotch	6	52.5	52.5	52.5
15	Total	6			6	46.3	52.5	48.4
16	Machinists' apprentices	3	M.	American	6	46.3	46.3	46.3
17		6	M.	Part-Hawaiian	6	46.3	52.5	47.3
18		1	M.	Portuguese	6	52.5	52.5	52.5
19	Total	10			6	46.3	52.5	47.5
20	Machinists' foreman	1	M.	English	6	46.3	46.3	46.3
21	Machinists' helpers	1	M.	Portuguese	6	46.3	46.3	46.3
22		1	M.	Hawaiian	7	70	70	70
23	Total	2			[1] 6.5	46.3	70	58.2
24	Machine-shop hands	42	M.	American	6	49.5	49.5	49.5
25		7	M.	English	6	49.5	49.5	49.5
26		2	M.	Filipino	6	49.5	49.5	49.5
27		5	M.	German	6	49.5	49.5	49.5
28		1	M.	Guam Islander	6	49.5	49.5	49.5
29		27	M.	Hawaiian	6	49.5	49.5	49.5
30		22	M.	Part-Hawaiian	6	49.5	49.5	49.5
31		1	M.	Norwegian	6	49.5	49.5	49.5
32		19	M.	Portuguese	6	49.5	49.5	49.5
33		1	M.	Tahitian	6	49.5	49.5	49.5
34	Total	127			6	49.5	49.5	49.5
35	Messenger	1	M.	Portuguese	6	45	45	45
36	Molders	10	M.	American	6	46.3	49.5	49.2
37		5	M.	Hawaiian	6	46.3	49.5	48.9
38		2	M.	Part-Hawaiian	6	49.5	49.5	49.5
39		4	M.	Portuguese	6	49.5	49.5	49.5
40	Total	21			6	46.3	49.5	49.2
41	Molders' apprentices	2	M.	American	6	46.3	46.3	46.3
42		1	M.	Portuguese	6	46.3	46.3	46.3
43	Total	3			6	46.3	46.3	46.3
44	Molders' foreman	1	M.	Part-Hawaiian	6	46.3	46.3	46.3
45	Molders' helpers	1	M.	American	6	46.3	46.3	46.3
46		2	M.	Portuguese	6	46.3	46.3	46.3
47		6	M.	Hawaiian	6	46.3	46.3	46.3
48	Total	9			6	46.3	46.3	46.3
49	Molders, shop	3	M.	American	6	49.5	49.5	49.5
50		10	M.	Hawaiian	6	49.5	49.5	49.5

[1] Average.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
						1						$2.50	1
						1						2.50	2
						1						2.50	3
						3						2.50	4
					1							2.00	5
			1									1.33	6
		1										.75	7
				1								1.50	8
		1	1	1								1.19	9
								1	1			3.75	10
											1	5.00	11
						1						2.50	12
								1				3.50	13
									1			4.00	14
						1		2	2		1	3.75	15
	1		1		1							1.17	16
	1	2	1			2						1.33	17
			1									1.25	18
	2	2	3		1	2						1.27	19
											1	6.00	20
					1							2.00	21
				1								1.50	22
				1	1							1.75	23
	1	2	4		4	2	2	2	12	11	2	3.46	24
				1	1			1	3	1		3.45	25
				1	1							1.75	26
				1	1				3			3.18	27
							1					3.00	28
			5	11	5	2	3		1			1.96	29
	2	3	6		1	4			2	3	1	2.28	30
											1	4.50	31
			2	4	4	2	3	1	1	2		2.51	32
					1							2.00	33
	3	5	17	18	18	10	9	4	22	18	3	2.75	34
	1											.50	35
									1	8	1	4.50	36
					1		1	1	2			3.45	37
						1				1		3.63	38
				1		1			2			3.17	39
				1	1	2	1	1	5	9	1	3.91	40
	1		1									.92	41
	1											.50	42
	2		1									.78	43
											1	6.00	44
				1								1.84	45
				1	1							1.96	46
				5	1							1.64	47
				7	2							1.73	48
				1			1				1	3.97	49
				9				1				1.73	50

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

FOUNDRY AND MACHINE SHOP (3 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Molders, shop	2	M.	Part-Hawaiian	6	49.5	49.5	49.5
2		35	M.	Portuguese	6	49.5	49.5	49.5
3	Total	50			6	49.5	49.5	49.5
4	Office boys	3	M.	Portuguese	6	45	54	51
5	Patternmaker	1	M.	do	6	46.3	46.3	46.3
6	Patternmakers' apprentice	1	M.	do	6	46.3	46.3	46.3
7	Patternmakers' foreman	1	M.	English	6	46.3	46.3	46.3
8	Pattern-shop hands	1	M.	American	6	49.5	49.5	49.5
9		2	M.	Part-Hawaiian	6	49.5	49.5	49.5
10		10	M.	Portuguese	6	49.5	49.5	49.5
11	Total	13			6	49.5	49.5	49.5
12	Storekeeper	1	M.	American	6	50	50	50
13	Storekeepers' assistants	1	M.	do	6	50	50	50
14		1	M.	Part-Hawaiian	6	50	50	50
15	Total	2			6	50	50	50
16	Telephone operator	1	M.	Hawaiian	6	45	45	45
17	Treasurer and bookkeeper	1	M.	English	6	50	50	50
18	Warehousemen	1	M.	American	6	50	50	50
19		14	M.	Hawaiian	6	50	50	50
20		6	M.	Part-Hawaiian	6	50	50	50
21		2	M.	Portuguese	6	50	50	50
22	Total	23			6	50	50	50
23	Watchmen	1	M.	German	7	91	91	91
24		1	M.	Portuguese	7	96.3	96.3	96.3
25	Total	2			7	91	96.3	93.7
26	Watchman and weigher	1	M.	American	7	63	63	63

FRUIT RAISING (2 establishments).

27	Blacksmiths	2	M.	Japanese	6	59.5	60	59.8
28	Clerk	1	M.	English	6	60	60	60
29	Carpenter	1	M.	Japanese	6	59.5	59.5	59.5
30	Engineers	1	M.	do	6	60	60	60
31		1	M.	Portuguese	6	59.5	59.5	59.5
32	Total	2			6	59.5	60	59.8
33	Factory hands	10	M.	Chinese	6	60	60	60
34		41	M.	Japanese	6	60	60	60
35		15	F.	do	6	60	60	60
36	Total	66			6	60	60	60
37	Field hands	4	M.	Japanese	6	60	60	60
38		6	F.	do	6	60	60	60
39	Total	10			6	60	60	60
40	Laborers	70	M.	Japanese	6	59.5	59.5	59.5
41		[1] 1	M.	do	6	59.5	59.5	59.5
42		39	F.	do	6	59.5	59.5	59.5
43	Total	[2] 110			6	59.5	59.5	59.5
44	Manager	1	M.	English	6	60	60	60
45	Overseer	1	M.	Part-Hawaiian	6	59.5	59.5	59.5
46	Overseer, field	1	M.	Japanese	6	60	60	60
47	Plow hand	1	M.	do	6	60	60	60
48	Teamster	1	M.	do	6	60	60	60

[1] Boy. [2] Including 1 boy.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

FOUNDRY AND MACHINE SHOP (3 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	$2.00	1
.....	.....	.....	.....	31	1	1	2	.....	.....	.....	.....	1.67	2
.....	.....	.....	.....	41	3	1	3	1	.....	.....	1	1.83	3
.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.68	4
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.50	5
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.33	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.50	7
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.00	8
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	3.46	9
.....	2	1	.....	2	1	.....	1	.....	1	1	1	2.58	10
.....	2	1	.....	2	2	.....	2	.....	1	2	1	2.75	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	12
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	13
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	14
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.67	15
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	9.58	17
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	18
.....	.....	.....	.....	10	4	.....	.....	.....	.....	.....	.....	1.66	19
.....	.....	.....	.....	1	2	1	.....	2	.....	.....	.....	2.50	20
.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1.67	21
.....	.....	.....	1	12	7	1	.....	2	.....	.....	.....	1.87	22
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.71	23
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.00	24
.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1.86	25
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.00	26

FRUIT RAISING (2 establishments).

.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	$1.38	27
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	28
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	29
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	30
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.00	31
.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	2.25	32
.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	1.00	33
.....	.....	36	5	.....	.....	.....	.....	.....	.....	.....	.....	.82	34
.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	35
.....	15	36	15	.....	.....	.....	.....	.....	.....	.....	.....	.77	36
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	37
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	38
.....	6	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.62	39
.....	.....	52	18	.....	.....	.....	.....	.....	.....	.....	.....	.94	40
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.75	41
.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	42
.....	39	53	18	.....	.....	.....	.....	.....	.....	.....	.....	.78	43
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.26	44
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.00	45
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	46
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	47
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	48

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

FURNITURE (3 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bamboo furniture makers	2	M.	Japanese	[1]	[1]	[1]	[1]
2	Bed enameler	1	M.	Portuguese	6	54	54	54
3	Cabinetmakers	1	M.	Japanese	[1]	[1]	[1]	[1]
4		5	M.	Portuguese	6	53	54	53.2
5		1	M.	Spanish	6	53	53	53
6	Total	7	.....	.....	[2] 6	[2] 53	[2] 54	[2] 53.2
7	Helpers	1	M.	American	6	53	53	53
8		2	M.	Hawaiian	6	53	53	53
9		7	M.	Portuguese	6	53	54	53.9
10	Total	10	.....	.....	6	53	54	53.6
11	Mattress makers	4	M.	Hawaiian	6	53	54	53.5
12		1	M.	Part-Hawaiian	6	54	54	54
13	Total	5	.....	.....	6	53	54	53.6
14	Salesmen	1	M.	Canadian	6	54	54	54
15		1	M.	Portuguese	6	54	54	54
16	Total	2	.....	.....	6	54	54	54
17	Sewing girl	1	F.	Portuguese	6	53	53	53
18	Shade maker	1	M.	Chinese	6	54	54	54
19	Spring maker	1	M.	Japanese	6	54	54	54
20	Upholsterers	1	M.	American	6	54	54	54
21		1	M.	Danish	6	53	53	53
22	Total	2	.....	.....	6	53	54	53.5

GAS MAKING (1 establishment).

23	Fitters	3	M.	American	6	54	54	54
24		1	M.	Part-Hawaiian	6	54	54	54
25	Total	4	.....	.....	6	54	54	54
26	Fitters, foreman	1	M.	Part-Hawaiian	7	63	63	63
27	Fitters, helpers	2	M.	American	6	54	54	54
28		2	M.	Portuguese	6	54	54	54
29	Total	4	.....	.....	6	54	54	54
30	Gas makers	2	M.	American	7	63	63	63
31	Laborers	6	M.	Japanese	7	63	63	63
32		1	M.	West Indian	7	63	63	63
33	Total	7	.....	.....	7	63	63	63
34	Lamp trimmers	3	M.	Japanese	6	54	54	54
35		1	M.	Portuguese	6	54	54	54
36	Total	4	.....	.....	6	54	54	54
37	Solicitor	1	M.	American	6	54	54	54
38	Superintendent of works	1	M.	English	7	63	63	63

[1] Not reported.

[2] Days reported for 6 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

FURNITURE (3 establishments).

Classified wages per day.												Average wages per day.	Marginal number
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.90	1
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.00	2
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.07	3
.....	.....	.....	.....	1	1	1	2	.....	.....	.....	.....	2.53	4
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.50	5
.....	.....	.....	1	1	1	2	2	.....	.....	.....	.....	2.32	6
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	7
.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1.50	8
.....	1	1	2	3	.....	.....	.....	.....	.....	.....	.....	1.23	9
.....	1	1	4	3	1	.....	.....	.....	.....	.....	.....	1.29	10
.....	.....	.....	.....	1	1	1	1	.....	.....	.....	.....	2.29	11
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	12
.....	.....	.....	.....	2	1	1	1	.....	.....	.....	.....	2.13	13
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	14
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.45	15
.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	3.17	16
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	17
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.67	18
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.98	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.00	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	4.49	22

GAS MAKING (1 establishment).

.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	$3.17	23
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.50	24
.....	.....	.....	.....	.....	.....	1	.....	3	.....	.....	.....	3.25	25
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.62	26
.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2.00	27
.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2.00	28
.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	2.00	29
.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	3.45	30
.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	1.50	31
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	32
.....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	1.50	33
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.25	34
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	35
.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	1.31	36
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.93	38

[a] Hours reported for 6 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

HARNESS MAKING (4 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Harness makers	1	M.	English	6	53	53	53
2		2	M.	Hawaiian	6	53	53	53
3		1	M.	Japanese	6	72	72	72
4	Total	4			6	53	72	57.8
5	Manager and saddle maker	1	M.	American	6	53	53	53
6	Trimmers	1	M.	do	6	53	53	53
7		1	M.	Hawaiian	6	53	53	53
8	Total	2			6	53	53	53

HAT MAKING (5 establishments).

9	Hat makers	1	F.	Hawaiian	6	54	54	54
10		11	M.	Japanese	6	48	60	57.3
11		2	F.	do	6	60	60	60
12	Total	14			6	48	60	57.5
13	Hat trimmers	1	F.	American	6	48	48	48
14		1	F.	Japanese	6	54	54	54
15		3	F.	Portuguese	6	48	60	56
16	Total	5			6	48	60	54
17	Hat trimmers' helpers	2	F.	Portuguese	6	48	48	48

JEWELRY AND WATCH MAKING (4 establishments).

18	Copper plate printers	2	M.	Chinese	6	54	54	54
19	Enameler	1	M.	Portuguese	6	53	53	53
20	Engravers	2	M.	German	6	54	54	54
21		1	M.	Part-Hawaiian	6	54	54	54
22		1	M.	Portuguese	6	53	53	53
23	Total	4			6	53	54	53.8
24	Foreman	1	M.	Chinese	6	60	60	60
25	Goldsmith	1	M.	do	6	60	60	60
26	Goldworkers	3	M.	do	6	60	60	60
27	Goldworker's assistant	1	M.	do	6	60	60	60
28	Goldworker's helper	1	M.	do	6	60	60	60
29	Jewelers	1	M.	English	6	53	53	53
30		2	M.	Chinese	6	53	54	53.5
31		1	M.	Hawaiian	6	54	54	54
32		2	M.	Part-Hawaiian	6	54	54	54
33		6	M.	Portuguese	6	53	54	53.7
34	Total	12			6	53	54	53.7
35	Jeweler's apprentices	3	M.	Hawaiian	6	53	53	53
36		1	F.	do	6	54	54	54
37		7	M.	Portuguese	6	53	54	53.7
38		2	F.	do	6	54	54	54
39	Total	13			6	53	54	53.6
40	Manager	1	M.	Chinese	6	60	60	60
41	Polisher	1	F.	Hawaiian	6	54	54	54
42	Treasurer	1	M.	Chinese	6	60	60	60
43	Watchmakers	3	M.	American	6	53	54	53.7

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

HARNESS MAKING (4 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
							1					$3.00	1
			1		1							1.75	2
		1										.84	3
		1	1		1		1					1.84	4
											1	5.00	5
							1					3.00	6
				1								1.50	7
				1			1					2.25	8

HAT MAKING (5 establishments).

				1								$1.53	9
	3	4	3	1								.98	10
	2											.60	11
	5	4	3	2								.97	12
				1								1.84	13
	1											.50	14
			1	1	1							1.75	15
	1		1	2	1							1.52	16
2												.37	17

JEWELRY AND WATCH MAKING (4 establishments).

			1	1								$1.50	18
				1								1.54	19
								1		1		4.00	20
								1				3.50	21
		1										.92	22
		1						2		1		3.11	23
				1								1.57	24
				1								1.53	25
				3								1.50	26
			1									1.27	27
		1										.96	28
			1									1.40	29
				1		1						2.17	30
				1								1.75	31
					1				1			3.13	32
			1	2		1	1	1				2.29	33
			2	4	1	2	1	1	1			2.29	34
	3											.50	35
	1											.50	36
	7											.52	37
	2											.67	38
	13											.54	39
				1								1.50	40
			1									1.25	41
				1								1.57	42
									1	1	1	4.56	43

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

LAUNDRY (5 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Collar finisher	1	F.	Portuguese	6	54	54	54
2	Collector	1	M.	American	6	54	54	54
3	Deliveryman	1	M.	English	6	48	48	48
4	Drivers	5	M.	American	6	48	60	54
5		1	M.	German	6	54	54	54
6		2	M.	Portuguese	6	54	54	54
7	Total	8	....	....	6	54	60	54
8	Engineer	1	M.	Japanese	6	54	54	54
9	Firemen	1	M.	Greek	6	54	54	54
10		1	M.	Japanese	6	54	54	54
11	Total	2	....	....	6	54	54	54
12	Folder, assistant	1	F.	Portuguese	6	54	54	54
13	Folder, head	1	F.	.....do	6	54	54	54
14	Foremen	2	M.	American	6	48	54	51
15		1	F.	Part-Hawaiian	6	54	54	54
16		1	F.	Portuguese	6	54	54	54
17	Total	4	....	....	6	48	54	52.5
18	Ironers	22	F.	Hawaiian	6	54	54	54
19		11	F.	Portuguese	6	54	60	57.3
20		1	F.	Spanish	6	54	54	54
21	Total	34	....	....	6	54	60	55.1
22	Ironers, hand	2	F.	Hawaiian	6	54	54	54
23		1	F.	Mulatto	6	54	54	54
24		13	F.	Portuguese	6	54	54	54
25	Total	16	....	....	6	54	54	54
26	Laundresses	2	F.	Hawaiian	6	48	48	48
27		1	F.	Portuguese	6	48	48	48
28	Total	3	....	....	6	48	48	48
29	Machine girls	2	F.	Portuguese	6	54	54	54
30	Machine workers	4	F.	Hawaiian	6	54	54	54
31		5	F.	Portuguese	6	54	54	54
32		2	F.	Spanish	6	54	54	54
33	Total	11	....	....	6	54	54	54
34	Manglers	2	F.	Portuguese	6	54	54	54
35	Mangler, head	1	F.	Part-Hawaiian	6	54	54	54
36	Mangle workers	10	F.	Portuguese	6	54	54	54
37	Markers	1	M.	American	6	54	54	54
38		6	M.	Hawaiian	6	54	54	54
39		1	M.	Negro	6	54	54	54
40		1	M.	Portuguese	6	54	54	54
41	Total	9	....	....	6	54	54	54
42	Mender	1	F.	Portuguese	6	60	60	60
43	Office and delivery	1	M.	Chinese	6	48	48	48
44	Office girls	2	F.	Portuguese	6	54	54	54
45	Shakers	2	M.	.....do	6	54	54	54
46	Stable boy	1	M.	Japanese	6	54	54	54
47	Washers	2	M.	French	6	60	60	60
48		4	M.	Portuguese	6	54	60	57
49	Total	6	....	....	6	54	60	58
50	Washer, head	1	M.	Chinese	6	54	54	54

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

LAUNDRY (5 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
		1										$0.84	1
						1						2.50	2
				1								1.67	3
				1	2	1	1					2.33	4
			1									1.00	5
				1	1							1.84	6
			1	2	3	1	1					2.04	7
						1						2.50	8
				1								1.50	9
				1								1.50	10
				2								1.50	11
	1											.67	12
			1									1.33	13
									1	1		4.48	14
						1						2.50	15
			1									1.15	16
			1			1			1	1		3.15	17
		22										.92	18
	4	1	6									.93	19
		1										.75	20
	4	24	6									.92	21
	2											.65	22
	1											.65	23
	10	3										.68	24
	13	3										.67	25
		2										.83	26
			1									1.33	27
		2	1									1.00	28
		2										.92	29
	4											.67	30
	5											.67	31
	2											.71	32
	11											.68	33
	2											.58	34
		1										.83	35
	10											.54	36
							1					3.00	37
			1	4	1							1.59	38
					1							2.30	39
			1									1.35	40
			2	4	2		1					1.80	41
	1											.67	42
					1							2.00	43
	1		1									.84	44
2												.46	45
			1									1.33	46
					1	1						2.25	47
	2			1		1						1.34	48
	2			1	1	2						1.64	49
				1								1.73	50

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

LAUNDRY (5 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Washers, fancy	1	F.	Japanese	6	54	54	54
2		1	F.	Portuguese	6	54	54	54
3	Total	2			6	54	54	54
4	Washer, flannel	1	F.	Hawaiian	6	54	54	54
5	Watchman	1	M.	Japanese	6	54	54	54
6	Wrappers	1	F.	Hawaiian	6	60	60	60
7		1	F.	Portuguese	6	54	54	54
8	Total	2			6	54	60	57
9	Wringers	1	M.	Chinese	6	54	54	54
10		2	M.	Portuguese	6	54	54	54
11	Total	3			6	54	54	54
	LIME (1 establishment).							
12	Coopers	8	M.	Japanese	6	54	54	54
13	Laborers	6	M.	Hawaiian	7	63	63	63
14		4	M.	Japanese	7	77	77	77
15		10	M.	.....do	6	54	54	54
16		10	M.	Portuguese	7	63	63	63
17	Total	30				54	77	61.9
18	Lime burners	4	M.	Portuguese	7	77	77	77
	MACARONI (3 establishments).							
19	Cook	1	F.	Japanese	6	66	66	66
20	Macaroni factory hands	11	M.	.....do	6	54	66	61.6
21		7	F.	.....do	6	54	66	62.6
22	Total	18			6	54	66	62
23	Macaroni makers	5	M.	Japanese	6	66	66	66
	MATTRESSES, WIRE (1 establishment).							
24	Wire mattress makers	2	M.	Japanese	6	54	54	54
	NEWS AGENCY (1 establishment).							
25	Bookkeeper	1	M.	Part-Hawaiian	6	54	54	54
26	Clerks	1	M.	English	6	54	54	54
27		1	M.	Part-Hawaiian	6	54	54	54
28		1	M.	Japanese	6	54	54	54
29	Total	3			6	54	54	54
30	Clerk and stenographer	1	F.	English	6	54	54	54
31	Clerk, music	1	M.	Part-Hawaiian	6	54	54	54
32	Delivery boys	1	M.	Chinese	6	54	54	54
33		1	M.	Japanese	6	54	54	54
34	Total	2			6	54	54	54
35	Manager	1	M.	American	6	54	54	54
36	Salesman	1	M.	.....do	6	54	54	54

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

LAUNDRY (5 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.67	1
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.67	2
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.67	3
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.96	4
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	5
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	6
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	7
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.79	8
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	9
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.21	10
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.25	11

LIME (1 establishment).

.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	$1.50	12
.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	1.54	13
.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	1.63	14
.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	1.00	15
.....	.....	.....	.....	6	4	.....	.....	.....	.....	.....	.....	1.70	16
.....	.....	.....	10	15	5	.....	.....	.....	.....	.....	.....	1.43	17
.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	2.25	18

MACARONI (3 establishments).

.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.54	19
4	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	20
.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.59	21
4	10	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	22
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	23

MATTRESSES, WIRE (1 establishment).

.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	$1.25	24

NEWS AGENCY (1 establishment).

.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	$2.88	25
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.50	26
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	27
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	28
.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	1.83	29
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.67	30
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.49	31
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	32
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	33
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.92	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	36

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

PAINT (1 establishment).

Marginal number.	Occupation	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Paint cooker	1	M.	Hawaiian	6	48	48	48
2	Paint mixer	1	M.	Part-Hawaiian	6	48	48	48

PINEAPPLE PLANTATIONS (5 establishments).

3	Blacksmith	1	M.	Japanese	6	60	60	60
4	Blacksmith's helper	1	M.	do	6	60	60	60
5	Boiler tender	1	M.	do	7	66.5	66.5	66.5
6	Bookkeeper	1	M.	American	6	60	60	60
7	Bookkeeper's assistant	1	M.	do	6	60	60	60
8	Box makers	9	M.	Chinese	6	57	57	57
9	Carpenters	3	M.	Japanese	6	57	60	59
10	Capper	1	M.	Part-Hawaiian	6	60	60	60
11	Chief cooker	1	M.	Hawaiian	6	57	57	57
12	Cleaner	1	M.	do	6	57	57	57
13	Clerks, store	2	M.	Japanese	6	60	60	60
14	Clerk, warehouse	1	M.	Chinese	6	57	57	57
15	Cook	1	M.	do	7	84	84	84
16	Cultivators	7	M.	Japanese	6	60	60	60
17	Engineer	1	M.	do	6	60	60	60
18	Factory hands	343	M.	do	6	60	60	60
19		90	F.	do	6	60	60	60
20		10	F.	Korean	6	60	60	60
21		5	M.	Portuguese	6	60	60	60
22	Total	448			6	60	60	60
23	Field foreman	1	M.	Chinese	7	66.5	66.5	66.5
24		2	M.	Japanese	6	59.5	59.5	59.5
25	Total	3			[1] 6.3	59.5	66.5	61.8
26	Field hands	100	M.	Japanese	6	59.5	60	59.8
27		6	M.	Korean	6	60	60	60
28	Total	106			6	59.5	60	59.8
29	Foremen	1	M.	Hawaiian	6	57	57	57
30		1	F.	do	6	54	54	54
31		1	M.	Portuguese	7	66.5	66.5	66.5
32	Total	3			[1] 6.3	54	66.5	59.2
33	General factory workers	11	M.	Hawaiian	6	60	60	60
34		17	M.	Japanese	6	60	60	60
35	Total	28			6	60	60	60
36	Graders	2	F.	Hawaiian	6	54	54	54
37		8	F.	Japanese	6	54	54	54
38	Total	10			6	54	54	54
39	Labeler	1	M.	American	6	60	60	60
40	Laborers	1	M.	Hawaiian	6	57	57	57
41		3	M.	Japanese	6	57	57	57
42	Total	4			6	57	57	57
43	Laborers, field	5	M.	Chinese	6	60	60	60
44		84	M.	Japanese	6	60	60	60
45		16	F.	do	6	54	54	54
46	Total	105			6	54	60	59.1
47	Machinists	2	M.	Japanese	7	66.5	66.5	66.5
48		3	M.	do	6	60	60	60
49	Total	5			[1] 6.4	60	66.5	62.6

[1] Average.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

PAINT (1 establishment).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	$2.00	1
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.00	2

PINEAPPLE PLANTATIONS (5 establishments).

.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	$1.92	3
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	4
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.90	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	6
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.68	7
.....	.....	5	4	.....	.....	.....	.....	.....	.....	.....	.....	1.15	8
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.23	9
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.75	10
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.66	11
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.71	12
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	13
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.62	14
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	15
.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	16
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	17
.....	.....	343	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	18
.....	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	19
.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	20
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	21
.....	100	348	.....	.....	.....	.....	.....	.....	.....	.....	.....	.78	22
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.64	23
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.13	24
.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	1.30	25
.....	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	26
.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	27
.....	.....	106	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	28
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.38	29
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	30
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.61	31
.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	1.96	32
.....	7	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.71	33
.....	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	34
.....	7	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	35
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.68	36
.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.63	37
.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.64	38
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	39
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.19	40
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.86	41
.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.94	42
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.95	43
.....	.....	40	44	.....	.....	.....	.....	.....	.....	.....	.....	1.03	44
.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.59	45
.....	16	45	44	.....	.....	.....	.....	.....	.....	.....	.....	.96	46
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.66	47
.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	1.33	48
.....	.....	.....	2	3	.....	.....	.....	.....	.....	.....	.....	1.46	49

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

PINEAPPLE PLANTATIONS (5 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Manager	1	M.	American	2	20	20	20
2	Oiler	1	M.	Japanese	6	60	60	60
3	Overseers	1	M.	Chinese	6	60	60	60
4		7	M.	Japanese	6	60	60	60
5	Total	8			6	60	60	60
6	Overseer, field	1	M.	English	6	60	60	60
7	Overseer, teamster	1	M.	Hawaiian	6	60	60	60
8	Packers	1	M.	Chinese	6	57	57	57
9		19	F.	Hawaiian	6	60	60	60
10		27	M.	Japanese	6	57	57	57
11		2	F.	Portuguese	6	60	60	60
12	Total	49			6	57	60	58.3
13	Peelers	14	M.	Japanese	6	60	60	60
14	Pickers and harvesters	10	M.	Chinese	6	60	60	60
15		25	M.	Japanese	6	60	60	60
16	Total	35			6	60	60	60
17	Receiver	1	M.	Portuguese	7	66.5	66.5	66.5
18	Seamers	6	M.	Japanese	6	60	60	60
19	Selectors	9	F.	do	6	60	60	60
20	Shippers	2	M.	Portuguese	6	60	60	60
21	Stablemen	1	M.	Hawaiian	6	60	60	60
22		4	M.	Japanese	7	66.5	66.5	66.5
23		1	M.	do	6	60	66.5	64.3
24	Total	6			[1] 6.7	60	66.5	64.3
25	Storekeepers	1	M.	Chinese	[2]	[2]	[2]	[2]
26		1	M.	German	6	60	60	60
27	Total	2			[4] 6	[5] 60	[5] 60	[5] 60
28	Superintendent cannery	1	M.	American	6	60	60	60
29	Sirup maker	1	M.	Portuguese	6	57	57	57
30	Team boss	1	M.	Chinese	7	66.5	66.5	66.5
31	Teamsters	3	M.	do	6	57	57	57
32		3	M.	Hawaiian	6	59.5	59.5	59.5
33		31	M.	Japanese	6	57	60	58
34	Total	37			6	57	60	58
35	Teamsters and cultivators	5	M.	Chinese	6	60	60	60
36		10	M.	Japanese	6	60	60	60
37	Total	15			6	60	60	60
38	Warehousemen	15	M.	Chinese	6	60	60	60
39	Watchman	1	M.	Japanese	6	60	60	60
40	Yardman	1	M.	do	6	60	60	60

PLANING MILL (3 establishments).

41	Bench hand	1	M.	Hawaiian	6	48	48	48
42		1	M.	Swedish	6	48	48	48
43	Total	2			6	48	48	48
44	Carpenter, bench hand	1	M.	Norwegian	6	48	48	48

[1] Average.
[2] Not reported.
[3] Per cent of profit only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

PINEAPPLE PLANTATIONS (5 establishments)—Concluded.

Classified wages per day.												Average wages per day	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
								1				$3.83	1
			1									1.25	2
			1									1.30	3
			7									1.30	4
			8									1.30	5
								1				3.83	6
			1									1.00	7
				1								1.66	8
	19											.54	9
		13	14									1.05	10
	2											.50	11
	21	13	14	1								.84	12
			14									1.00	13
		10										.90	14
		25										.90	15
		35										.90	16
					1							2.38	17
			6									1.25	18
	9											.50	19
				2								1.50	20
		1										.96	21
		4										.76	22
		1										.96	23
		6										.83	24
												[3]	25
						1						2.68	26
						1						[6] 2.68	27
											1	8.63	28
			1									1.43	29
		1										.99	30
			3									1.16	31
			3									1.15	32
			31									1.11	33
			37									1.12	34
			5									1.00	35
			10									1.00	36
			15									1.00	37
		15										.90	38
			1									1.00	39
		1										.96	40

PLANING MILL (3 establishments).

								1				$3.50	41
								1				3.50	42
								2				3.50	43
						1						2.50	44

[4] Days reported for 1 employee only.
[5] Hours reported for 1 employee only.
[6] Not including 1 employee receiving per cent of profit only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

PLANING MILL (3 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Carpenters and joiners	9	M.	American	6	48	48	48
2		4	M.	German	6	48	48	48
3		6	M.	Hawaiian	6	48	48	48
4		1	M.	Part-Hawaiian	6	48	48	48
5		1	M.	Portuguese	6	48	48	48
6	Total	21	....	....	6	48	48	48
7	Driver	1	M.	Portuguese	6	48	48	48
8	Engineer	1	M.	.....do	6	48	48	48
9	Finishers and plasterers	1	M.	American	6	48	48	48
10		2	M.	Portuguese	6	48	48	48
11	Total	3	....	....	6	48	48	48
12	Foremen	1	M.	American	6	48	48	48
13		1	M.	English	6	48	48	48
14	Total	2	....	....	6	48	48	48
15	Helpers	2	M.	Portuguese	6	48	48	48
16	Laborers	14	M.	Hawaiian	6	48	48	48
17		12	M.	Portuguese	6	48	48	48
18	Total	26	....	....	6	48	48	48
19	Machine hand	1	M.	Hawaiian	6	48	48	48
20	Milling and molding	1	M.	American	6	48	48	48
21	Millworkers	3	M.	Japanese	6	54	54	54
22	Planer man	1	M.	Portuguese	6	48	48	48
23	Ripsawyer	1	M.	.....do	6	48	48	48
24	Sticker hands	1	M.	American	6	48	48	48
25		1	M.	Japanese	6	48	48	48
26	Total	2	....	....	6	48	48	48
27	Turners	1	M.	American	6	48	48	48
28		1	M.	Hawaiian	6	48	48	48
29	Total	2	....	....	6	48	48	48

POI FLOUR MAKING (1 establishment).

30	Drivers	1	M.	Chinese	6	60	60	60
31		4	M.	Hawaiian	6	60	60	60
32	Total	5	....	....	6	60	60	60
33	Engineer	1	M.	Japanese	6	60	60	60
34	Foreman	1	M.	Hawaiian	6	60	60	60
35	Laborers	3	M.	Chinese	6	60	60	60
36		14	F.	Hawaiian	3	30	30	30
37		9	M.	Japanese	4	40	40	40
38	Total	26	....	....	[1]3.7	30	60	36.9

PRINTING, JOB (4 establishments).

39	Bookbinder	1	M.	Portuguese	5½	50¼	50¼	50¼
40	Bookbinders' helpers	1	F.	Hawaiian	5½	50¼	50¼	50¼
41		2	F.	Portuguese	5½	50¼	50¼	50¼
42	Total	3	....	....	5½	50¼	50¼	50¼

[1] Average.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

PLANING MILL (3 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
									9			$4.00	1
									4			4.00	2
						4		2				2.83	3
										1		4.50	4
										1		4.50	5
						4		2	13	2		3.71	6
				1								1.75	7
				1								1.75	8
											1	6.00	9
											2	6.00	10
											3	6.00	11
											1	5.50	12
											1	5.50	13
											2	5.50	14
	1		1									.75	15
				14								1.50	16
				12								1.50	17
				26								1.50	18
				1								1.50	19
										1		4.50	20
	1		1	1								1.07	21
			1									1.25	22
						1						2.50	23
											1	5.50	24
					1							2.25	25
					1						1	3.88	26
										1		4.50	27
							1					3.00	28
							1			1		3.75	29

POI FLOUR MAKING (1 establishment).

			1									$1.17	30
			3	1								1.21	31
			4	1								1.20	32
				1								1.67	33
					1							2.00	34
			3									1.11	35
14												.40	36
			9									1.00	37
14			12									.69	38

PRINTING, JOB (4 establishments).

						1						$2.83	39
	1											.67	40
	2											.54	41
	3											.58	42

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

PRINTING, JOB (4 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Compositors	1	M.	American	5½	50¼	50¼	50¼
2		3	M.	Hawaiian	3½	18	50¼	28¾
3		1	M.	Portuguese	5½	50¼	50¼	50¼
4	Total	5	....	....	[1] 4.3	18	50¼	37.4
5	Errand boys	1	M.	Hawaiian	5½	50¼	50¼	50¼
6		1	M.	Portuguese	5½	50¼	50¼	50¼
7	Total	2	....	....	5½	50¼	50¼	50¼
8	Foreman	1	M.	American	5½	50¼	50¼	50¼
9	Linotype operator	1	M.	Hawaiian	5½	50¼	50¼	50¼
10	Press feeders	1	M.	.....do	5½	50¼	50¼	50¼
11		3	M.	Portuguese	5½	50¼	50¼	50¼
12	Total	4	....	....	5½	50¼	50¼	50¼
13	Pressman	1	M.	Portuguese	5½	50¼	50¼	50¼
14	Printers	5	M.	Japanese	6	54	60	58
15	Ruling machine hand	1	M.	German	5½	50¼	50¼	50¼
16	Stock cutter	1	M.	Hawaiian	5½	50¼	50¼	50¼

PRINTING, NEWSPAPER (15 establishments).

17	Apprentice, general	1	M.	Portuguese	6	54	54	54
18	Bookbinders	2	M.	American	6	51	51	51
19		4	M.	Hawaiian	6	49.5	51	50.4
20		15	F.	.....do	6	48	49.5	48.2
21		3	F.	Part-Hawaiian	6	48	54	50
22		2	M.	.....do	6	51	51	51
23		[2] 3	M.	.....do	6	51	51	51
24		3	M.	Portuguese	6	51	54	53
25		3	F.	.....do	6	49.5	54	51
26	Total	[3] 35	....	....	6	48	54	49.8
27	Bookbinders' helpers	1	F.	American	6	50	50	50
28		1	F.	Chinese	6	50	50	50
29		2	F.	Hawaiian	6	50	50	50
30		2	M.	Portuguese	6	49.5	49.5	49.5
31		1	F.	.....do	6	50	50	50
32	Total	7	....	....	6	49.5	50	49.9
33	Bindery foreman	1	M.	American	6	51	51	51
34	Bookkeepers	2	M.	.....do	6	54	54	54
35		2	M.	Chinese	6	54	60	57
36		1	M.	German	6	[4]	[4]	[4]
37	Total	5	....	....	6	[5] 54	[5] 60	[5] 55.5
38	Carriers	7	M.	American	6	12	24	22.3
39		1	M.	Chinese	6	60	60	60
40		5	M.	Hawaiian	6	12	24	19.2
41		3	M.	Part-Hawaiian	6	24	24	24
42		14	M.	Japanese	[6] 6	[7] 54	[7] 60	[7] 57
43		5	M.	Portuguese	[1] 5.3	12	18	13.2
44	Total	35	....	....	[8] 5.9	[9] 12	[9] 60	[9] 32.1
45	Clerks	2	M.	Chinese	6	54	54	54
46	Clerk, mailing	1	M.	Hawaiian	6	[4]	[4]	[4]
47	Clerk, stock	1	M.	American	6	51	51	51

[1] Average.
[2] Boys.
[3] Including 3 boys.
[4] Not reported.
[5] Hours reported for 4 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

PRINTING, JOB (4 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
							1					$3.33	1
			2		1							1.42	2
				1								1.67	3
			2	1	1		1					1.85	4
	1											.50	5
	1											.50	6
	2											.50	7
											1	5.00	8
					1							2.25	9
	1											.58	10
	2	1										.72	11
	3	1										.69	12
						1						2.50	13
		1	4									1.07	14
				1								1.67	15
		1										.92	16

PRINTING, NEWSPAPER (15 establishments).

	1											$0.67	17
								2				3.59	18
		1	1			1	1					1.98	19
	8	1	6									.76	20
	3											.56	21
				1		1						2.04	22
	[2] 3											[2] .50	23
					2				1			2.83	24
	2	1										.64	25
	[3] 16	3	7	1	2	2	1	2	1			[3] 1.26	26
			1									1.00	27
	1											.50	28
	1	1										.67	29
			1	1								1.25	30
	1											.67	31
	3	1	2	1								.86	32
											1	5.83	33
									1		1	5.08	34
			2									1.21	35
											1	7.67	36
			2						1		2	4.05	37
1	6											.56	38
1												.05	39
2	3											.52	40
	3											.58	41
2	7	5										.68	42
4	1											.46	43
10	20	5										.58	44
		2										.96	45
				1								1.67	46
						1						2.50	47

[6] Days reported for 9 employees only.
[7] Hours reported for 9 employees only.
[8] Average days reported for 30 employees only.
[9] Hours reported for 30 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

PRINTING, NEWSPAPER (15 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Clerk, stock, assistant	1	M.	Hawaiian	6	51	51	51
2	Clerk, substitute	1	M.	Part-Hawaiian	6	48	48	48
3	Collectors	3	M.	American	6	[1] 48	[1] 54	[1] 51
4		1	M.	Hawaiian	6	[2]	[2]	[2]
5	Total	4			6	[1] 48	[1] 54	[1] 51
6	Compositors	8	M.	American	6	48	54	50.4
7		16	M.	Chinese	6	54	60	55.5
8		1	M.	East Indian	6	48	48	48
9		13	M.	Hawaiian	6	48	54	50.9
10		2	M.	Part-Hawaiian	6	51	54	52.5
11		27	M.	Japanese	6	[3] 54	[3] 60	[3] 56.4
12		1	M.	Korean	6	60	60	60
13		2	M.	Portuguese	6	49.5	51	50.3
14	Total	70			6	[4] 48	[4] 60	[4] 53.7
15	Compositors' apprentices	2	M.	Portuguese	6	51	51	51
16	Compositors' helper	1	M.	do	6	49.5	49.5	49.5
17	Compositors and printers	5	M.	Japanese	6	54	54	54
18	Cutter	1	M.	do	6	50	50	50
19	Editors	1	M.	Canadian	6	[2]	[2]	[2]
20		2	M.	Chinese	6	54	54	54
21		2	M.	Hawaiian	6	[5] 54	[5] 54	[5] 54
22		1	M.	Korean	6	60	60	60
23	Total	6			6	[6] 54	[6] 60	[6] 55.5
24	Editors, assistant	1	M.	Chinese	6	54	54	54
25		2	M.	Hawaiian	6	[5] 44	[5] 44	[5] 44
26	Total:	3			6	[1] 44	[1] 54	[1] 49
27	Electrotypers	2	M.	Part-Hawaiian	6	48	48	48
28		1	M.	Portuguese	6	48	48	48
29	Total	3			6	48	48	48
30	Electrotypers' apprentice	1	M.	Portuguese	6	48	48	48
31	Engraver	1	M.	American	6	50	50	50
32	Errand boys	3	M.	Hawaiian	6	51	51	51
33	Foremen	2	M.	American	6	48	49.5	48.8
34		2	M.	Hawaiian	6	49.5	50	49.8
35		1	M.	Japanese	6	54	54	54
36	Total	5			6	48	54	50.2
37	Foreman and manager	1	M.	Hawaiian	6	54	54	54
38	Helpers	1	M.	do	6	50	50	50
39		[7] 1	M.	do	6	50	50	50
40		1	M.	Portuguese	[8] 2.3	18	18	18
41	Total	[9] 3			[8] 4.8	18	50	39.3
42	Janitor	1	M.	Portuguese	6	[2]	[2]	[2]
43	Librarian	1	M.	American	6	[2]	[2]	[2]
44	Linotype operator, foreman	1	M.	do	6	48	48	48
45	Linotype operators	5	M.	do	6	48	50	48.4
46		4	M.	Hawaiian	6	48	48	48
47		3	M.	Part-Hawaiian	6	48	49.5	48.5
48		2	M.	Portuguese	6	48	49.5	48.8
49	Total	14			6	48	50	48.4

[1] Hours reported for 2 employees only.
[2] Not reported.
[3] Hours reported for 15 employees only.
[4] Hours reported for 58 employees only.
[5] Hours reported for 1 employee only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

PRINTING, NEWSPAPER (15 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
			1									$1.00	1
			1									1.33	2
						1	1	1				3.11	3
		1										.92	4
		1				1	1	1				2.56	5
					1	1	3	1	2			3.34	6
2		9	5									.91	7
							1					3.33	8
			1	3	1	7	1					2.23	9
				1			1					2.42	10
	3	23	1									.88	11
							1					3.00	12
							2					3.17	13
2	3	32	7	4	2	8	9	1	2			1.59	14
		1	1									.96	15
				1								1.67	16
		5										.81	17
			1									1.33	18
											1	7.67	19
				1	1							1.89	20
						1	1					3.01	21
							1					3.00	22
				1	1	1	2				1	3.41	23
			1									1.15	24
			1	1								1.34	25
			2	1								1.28	26
						1			1			3.55	27
						1						2.92	28
						2			1			3.34	29
	1											.50	30
											1	7.50	31
	3											.53	32
											2	5.84	33
			1							1		2.92	34
				1								1.53	35
			1	1						1	2	3.81	36
					1							2.00	37
		1										.83	38
	[7]1											[7].50	39
	1											.61	40
	2	1										.65	41
				1								1.50	42
							1					3.33	43
											1	5.77	44
											5	5.50	45
							1		2	1		3.96	46
						1			1		1	3.89	47
								1			1	4.42	48
						1	1	1	3	1	7	4.56	49

[6] Hours reported for 4 employees only.
[7] Boy.
[8] Average.
[9] Including 1 boy.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

PRINTING, NEWSPAPER (15 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Linotype operators' helper	1	M.	Part-Hawaiian	6	51	51	51
2	Machinist and linotype operator	1	M.	American	6	49.5	49.5	49.5
3	Manager	1	M.	do	6	(1)	(1)	(1)
4	Manager, advertising	1	M.	do	6	(1)	(1)	(1)
5	Office boys	1	M.	Hawaiian	6	(1)	(1)	(1)
6		1	M.	Portuguese	6	54	54	54
7	Total	2			6	[2] 54	[2] 54	[2] 54
8	Office boys and janitors	2	M.	Japanese	6	(1)	(1)	(1)
9	Pressmen	2	M.	American	6	48	50	49
10		5	M.	Hawaiian	6	50	54	50.8
11		1	M.	Part-Hawaiian	6	54	54	54
12		1	M.	Japanese	6	53	53	53
13		1	M.	Korean	6	60	60	60
14		7	M.	Portuguese	6	49.5	54	51.4
15	Total	17			6	48	60	51.7
16	Pressmen's apprentices	1	M.	Hawaiian	6	49.5	49.5	49.5
17		1	M.	Portuguese	6	49.5	49.5	49.5
18	Total	2			6	49.5	49.5	49.5
19	Pressmen's assistants	1	M.	American	6	48	48	48
20		1	M.	Portuguese	6	48	48	48
21	Total	2			6	48	48	48
22	Pressmen's helpers	4	M.	Hawaiian	6	51	51	51
23		1	M.	Part-Hawaiian	6	51	51	51
24		1	M.	Portuguese	6	51	51	51
25	Total	6			6	51	51	51
26	Pressmen, foreman	1	M.	American	6	51	51	51
27	Printers	1	M.	Hawaiian	6	50	50	50
28		11	M.	Japanese	6	54	60	56.7
29		1	M.	Portuguese	6	48	48	48
30	Total	13			6	48	60	55.5
31	Printers and deliverers	3	M.	Japanese	6	54	54	54
32	Printers' helper	1	M.	do	6	54	54	54
33	Printing department, foremen	2	M.	American	6	51	54	52.5
34	Proof reader	1	M.	do	7	56	56	56
35	Reporters	13	M.	do	6	[3] 48	[3] 51	[3] 52.3
36		1	F.	do	6	6	6	6
37		3	M.	Chinese	6	54	54	54
38		1	M.	English	6	(1)	(1)	(1)
39		1	M.	Hawaiian	6	51	51	51
40	Total	19			6	[4] 6	[4] 54	[4] 49.3
41	Scribe	1	M.	Hawaiian	6	44	44	44
42	Solicitors	2	M.	American	6	[2] 54	[2] 54	[2] 54
43	Stenographers	1	M.	do	6	48	48	48
44		2	F.	do	6	[2] 48	[2] 48	[2] 48
45	Total	3			6	[5] 48	[5] 48	[5] 48
46	Wrapper	1	M.	Hawaiian	6	50	50	50

[1] Not reported.
[2] Hours reported for 1 employee only.
[3] Hours reported for 9 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

PRINTING, NEWSPAPER (15 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
		1										$0.83	1
											1	5.83	2
											1	11.50	3
										1		4.81	4
	1											.50	5
			1									1.33	6
	1		1									.92	7
	2											.65	8
						1			1			3.29	9
1						3	1					2.23	10
						1						2.67	11
			1									1.00	12
							1					3.00	13
				2	1	1	2		1			2.64	14
1			1	2	1	6	4		2			2.52	15
				1								1.50	16
			1									1.00	17
			1	1								1.25	18
					1							2.31	19
				1								1.50	20
				1	1							1.91	21
	1	2	1									.81	22
		1										.92	23
	1											.58	24
	2	3	1									.79	25
											1	5.00	26
			1									1.00	27
		4	6	1								1.07	28
							1					3.00	29
		4	7	1			1					1.21	30
	3											.65	31
		1										.77	32
											2	6.25	33
									1			4.29	34
							2	1	5	2	3	4.41	35
									1			.96	36
			3									1.21	37
											1	5.00	38
					1							2.00	39
			3		1		2	1	6	2	4	3.63	40
	1											.50	41
											2	5.42	42
			1									1.33	43
			1				1					2.00	44
			2				1					1.78	45
		1										.75	46

[4] Hours reported for 14 employees only.
[5] Hours reported for 2 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

RICE CLEANING (15 establishments).

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bagger and shipper	1	M.	Portuguese	6	53	53	53
2	Bookkeeper and clerk	1	M.	Chinese	6	72	72	72
3	Cooks	1	M.	.....do	6	60	60	60
4		3	M.	.....do	7	70	84	74.7
5	Total	4	.....	.....	[3]6.8	60	84	71
6	Cultivators and planters	12	M.	Chinese	6	60	60	60
7	Driver	1	M.	.....do	6	60	60	60
8	Engineer	1	M.	Portuguese	6	53	53	53
9	Engineer, assistant	1	M.	.....do	6	53	53	53
10	Engineer, mill	1	M.	Chinese	6	72	72	72
11	Engineer, rice mill	1	M.	Japanese	6	60	60	60
12	Factory assistants	3	M.	.....do	6	54	54	54
13	Foreman	1	M.	.....do	6	54	54	54
14	Machine hand	1	M.	.....do	6	60	60	60
15	Manager	1	M.	.....do	6	72	72	72
16	Mill hands	33	M.	.....do	6	54	72	58.7
17		15	M.	Japanese	6	60	60	60
18		2	M.	Portuguese	6	53	53	53
19	Total	50	.....	.....	6	53	72	58.9
20	Sifters	2	M.	Chinese	6	60	72	66
21	Sifter's helper	1	M.	.....do	6	60	60	60
22	Packers	3	M.	Japanese	6	72	72	72
23	Plowmen	12	M.	Chinese	6	60	60	60
24	Schooner captain	1	M.	Hawaiian	6	60	60	60
25	Schooner men	2	M.	Chinese	6	60	60	60
26	Teamsters	7	M.	.....do	6	60	60	60

SAIL MAKING (1 establishment).

27	Sailmakers	1	M.	American	6	50	50	50
28		1	M.	Hawaiian	4	36	36	36
29		1	M.	Portuguese	6	50	50	50
30	Total	3	.....	.....	[3]5.3	36	50	45.3
31	Sewing women	1	F.	Hawaiian	4	32	32	32
32		1	F.	Portuguese	4	32	32	32
33	Total	2	.....	.....	4	32	32	32

SALT WORKS (1 establishment).

34	Foreman	1	M.	Chinese	6	54	54	54
35	Helpers	3	M.	.....do	6	54	54	54

SHIPBUILDING (4 establishments).

36	Calkers	6	M.	Hawaiian	6	53	53	53
37		1	M.	S. Sea Islander	6	53	53	53
38	Total	7	.....	.....	6	53	53	53
39	Clerk, office	1	M.	A. O.	6	53	53	53
40	Engineer	1	M.	.....do	6	53	53	53

[1] Also house rent and board.
[2] Including 1 employee who receives also house rent and board.
[3] Average.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

RICE CLEANING (15 establishments).

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
				1								$1.50	1
			[1]1									[1]1.28	2
		1										.88	3
		[2]3										[2].77	4
		[2]4										[2].80	5
		[1]12										1.77	6
		1										.81	7
						1						2.50	8
				1								1.75	9
			1									1.15	10
						1						2.88	11
		[4]3										4.72	12
			1									1.34	13
			1									1.25	14
							[1]1					[1]3.19	15
		[5]16	15	2							[5]	[5]1.05	16
		11	4									1.21	17
				2								1.75	18
		[5]27	19	4								[5]1.13	19
		1	1									1.11	20
			1									1.25	21
		3										.84	22
		[1]12										1.77	23
			[1]1									[1]1.34	24
		[1]2										1.96	25
		[6]7										[6].78	26

SAIL MAKING (1 establishment).

									1			$4.00	27
										1		4.50	28
							1					3.00	29
							1		1	1		3.83	30
			1									1.13	31
			1									1.25	32
			2									1.19	33

SALT WORKS (1 establishment).

			1									$1.15	34
		3										.87	35

SHIPBUILDING (4 establishments).

											6	$5.00	36
											1	5.00	37
											7	5.00	38
											1	5.00	39
							1					3.33	40

[4] Also board.
[5] Including 4 employees who receive also house rent and board.
[6] Including 6 employees who receive also house rent and board.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SHIPBUILDING (4 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Laborers	1	M.	A. O	6	53	53	53
2		6	M.	Hawaiian	6	53	53	53
3		1	M.	Portuguese	6	53	53	53
4		1	M.	Spanish	6	53	53	53
5	Total	9			6	53	53	53
6	Ship carpenters	5	M.	A. O	6	53	53	53
7		6	M.	Hawaiian	6	53	53	53
8		19	M.	Japanese	6	53	54	53.6
9		1	M.	Portuguese	6	53	53	53
10	Total	31			6	53	54	53.4
11	Superintendent	1	M.	A. O	6	53	53	53
	SHIRT MAKING (3 establishments).							
12	Shirt makers	3	M.	Japanese	6	66	72	70
	SHOEMAKING (10 establishments).							
13	Shoemakers	79	M.	Chinese	6	54	72	58.9
	SLAUGHTERING (1 establishment).							
14	Butchers	5	M.	Hawaiian	6	53	53	53
15	Drivers	1	M.	Chinese	6	53	53	53
16		1	M.	Hawaiian	6	53	53	53
17	Total	2			6	53	53	53
18	Foreman	1	M.	French	6	53	53	53
19	Laborers	5	M.	Chinese	6	53	53	53
	SOAP (1 establishment).							
20	Laborers	1	M.	Hawaiian	6	54	54	54
21		4	M.	Part-Hawaiian	6	54	54	54
22	Total	5			6	54	54	54
	SODA WATER AND SOFT DRINKS (11 establishments).							
23	Bookkeeper	1	M.	Part-Hawaiian	(4)	(4)	(4)	(4)
24	Bottlers	1	M.	Chinese	6	54	54	54
25		1	M.	.....do	(4)	(4)	(4)	(4)
26		1	M.	Hawaiian	6	53	53	53
27		3	M.	.....do	(4)	(4)	(4)	(4)
28		3	M.	Japanese	6	54	54	54
29		2	M.	.....do	(4)	(4)	(4)	(4)
30		1	M.	Korean	6	54	54	54
31	Total	12			[5] 6	[6] 54	[6] 54	[6] 54
32	Bottlers' helpers	3	M.	Japanese	6	54	59.5	55.8
33	Bottle washers	6	M.	.....do	6	53	60	56.4
34		1	M.	.....do	(4)	(4)	(4)	(4)
35	Total	7			[5] 6	[6] 53	[6] 60	[6] 56.4

[1] Also board. [2] Also board and rent free.
[3] Two employees receive also board and 1 employee board and rent free.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SHIPBUILDING (4 establishments)—Concluded.

Classified wages per day												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
							1					$3.00	1
					3	3						2.25	2
					1							2.00	3
					1							2.00	4
					5	3	1					2.28	5
											5	5.00	6
									6			4.00	7
			8	11								1.49	8
							1					3.00	9
			8	11			1		6		5	2.59	10
											1	6.67	11

SHIRT MAKING (3 establishments).

	[1] 2	[2] 1										[3] $0.64	12

SHOEMAKING (10 establishments).

	20	59										$0.78	13

SLAUGHTERING (1 establishment).

					2	3						$2.30	14
					1							2.00	15
					1							2.00	16
					2							2.00	17
								1				3.83	18
				5								1.80	19

SOAP (1 establishment).

			1									$1.00	20
			2	1	1							1.38	21
			3	1	1							1.30	22

SODA WATER AND SOFT DRINKS (11 establishments).

							1					$3.07	23
			1									1.33	24
			1									1.33	25
				1								1.73	26
			3									1.33	27
			1	2								1.52	28
			2									1.33	29
		1										.83	30
		1	8	3								1.37	31
		1	2									.97	32
	1		5									.97	33
			1									1.00	34
	1		6									.97	35

[4] Not reported. [5] Days reported for 6 employees only.
[6] Hours reported for 6 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SODA WATER AND SOFT DRINKS (11 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bottler and foreman	1	M.	Japanese	6	59.5	59.5	59.5
2	Delivery men	1	M.	Chinese	6	60	60	60
3		1	M.	Japanese	6	60	60	60
4	Total	2			6	60	60	60
5	Drivers	3	M.	American	(1)	(1)	(1)	(1)
6		2	M.	Chinese	6	54	54	54
7		1	M.	Part-Hawaiian	6	54	54	54
8		5	M.	Japanese	6	53	59.5	54.5
9		1	M.	do	(1)	(1)	(1)	(1)
10		4	M.	Portuguese	6	53	54	53.8
11	Total	16			[2]6	[3]53	[3]59.5	[3]54.1
12	Drivers and helpers	1	M.	Japanese	6	54	54	54
13		1	M.	Portuguese	6	54	54	54
14	Total	2			6	54	54	54
15	Extra man	1	M.	Japanese	6	48	48	48
16	Factory man	1	M.	do	6	60	60	60
17	Foremen	1	M.	American	6	54	54	54
18		1	M.	Swedish	6	53	53	53
19	Total	2			6	53	53	53.5
20	Laborers	1	M.	Japanese	6	54	54	54
21		1	M.	Portuguese	6	54	54	54
22		[4]1	M.	do	6	54	54	54
23	Total	[5]3			6	54	54	54
24	Soda-water manufacturer	1	M.	American	6	54	54	54
25	Superintendents	1	M.	do	(1)	(1)	(1)	(1)
26		1	M.	English	6	54	54	54
27	Total	2			[6]6	[7]54	[7]54	[7]54
28	Trimmer	1	M.	Chinese	6	54	54	54

SOY MAKING (2 establishments).

29	Soy factory hands	9	M.	Japanese	6	48	54	52.7

STEAM RAILROADS (6 establishments).

30	Agents, station	11	M.	American	6	[9]60	[9]60	[9]60
31		1	M.	Chinese	6	60	60	60
32		2	M.	Hawaiian	6	60	60	60
33		3	M.	Part-Hawaiian	6	(10)	(10)	(10)
34		10	M.	Portuguese	6	[11]60	[11]60	[11]60
35	Total	27			6	[12]60	[12]60	[12]60
36	Agents, station, assistant	1	M.	Chinese	6	60	60	60
37		1	M.	Japanese	6	60	60	60
38	Total	2			6	60	60	60

Not reported.
[2] Days reported for 12 employees only.
[3] Hours reported for 12 employees only.
[4] Boy.
[5] Including 1 boy.
[6] Days reported for 1 employee only.
[7] Hours reported for 1 employee only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SODA WATER AND SOFT DRINKS (11 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	$1.34	1
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.67	2
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.67	3
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.67	4
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	2.88	5
.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1.70	6
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.08	7
.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	1.23	8
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	9
.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	2.46	10
.....	.....	1	5	1	3	6	.....	.....	.....	.....	.....	2.04	11
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	12
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	13
.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1.21	14
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	15
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	16
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.07	17
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	18
.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	3.45	19
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	20
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	21
[4]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4].33	22
[4]1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	[5]1.11	33
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	25
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.07	26
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	3.93	27
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	28

SOY MAKING (2 establishments).

1	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	[8]$0.68	29

STEAM RAILROADS (6 establishments).

.....	.....	1	.....	1	7	1	1	.....	.....	.....	.....	$2.22	30
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.12	31
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2.19	32
.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	2.49	33
[12]1	.....	.....	.....	1	4	2	1	1	.....	.....	.....	2.31	34
[12]1	.....	1	.....	3	13	4	4	1	.....	.....	.....	2.31	35
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	36
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	37
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	38

[8] Wage earners receive board and rent free.
[9] Hours reported for 4 employees only.
[10] Irregular.
[11] Hours reported for 7 employees only.
[12] Attends way stations only at train time.
[13] Hours reported for 14 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Blacksmiths	1	M.	American	6	51.5	51.5	51.5
2		2	M.	Portuguese	6	51.5	54	52.8
3		1	M.	Swedish	6	54	54	54
4	Total	4			6	51.5	54	52.8
5	Blacksmiths' helpers	1	M.	American	6	51.5	51.5	51.5
6		[1] 2	M.	Hawaiian	6	54	54	54
7		3	M.	Part-Hawaiian	6	51.5	51.5	51.5
8		3	M.	Japanese	6	51.5	51.5	51.5
9	Total	[2] 9			6	51.5	54	52.1
10	Boiler makers	2	M.	American	6	51.5	54	52.8
11		1	M.	Portuguese	6	51.5	51.5	51.5
12	Total	3			6	51.5	54	52.4
13	Boilermakers' helpers	3	M.	American	6	51.5	54	52.3
14		5	M.	Hawaiian	6	54	54	54
15		1	M.	Portuguese	6	54	54	54
16		1	M.	Scotch	6	54	54	54
17		1	M.	Swedish	6	54	54	54
18	Total	11			6	51.5	54	53.5
19	Boilermakers and machinists	1	M.	American	6	60	60	60
20		2	M.	Portuguese	6	60	60	60
21	Total	3			6	60	60	60
22	Boilermakers' and machinists' helpers	7	M.	Hawaiian	6	60	60	60
23		3	M.	Japanese	6	60	60	60
24	Total	10			6	60	60	60
25	Bookkeepers	2	M.	American	6	54	60	57
26		1	M.	do	7	28	28	28
27		1	M.	English	[5]	[5]	[5]	[5]
28		1	M.	Part-Hawaiian	6	60	60	60
29		1	M.	Portuguese	6	60	60	60
30	Total	6			[6] 6.2	[7] 28	[7] 60	[7] 52.4
31	Bookkeepers' assistants	1	M.	Part-Hawaiian	6	54	54	54
32	Brakemen	3	M.	American	[9]	[9]	[9]	[9]
33		1	M.	Chinese	6	60	60	60
34		7	M.	Hawaiian	6	60	60	60
35		22	M.	Part-Hawaiian	6	[10] 60	[10] 60	[10] 60
36		1	M.	Portuguese	6	60	60	60
37	Total	34			[11] 6	[12] 60	[12] 60	[12] 60
38	Bridge mason	1	M.	Japanese	[5]	[5]	[5]	[5]
39	Camp cleaner	[11] 1	M.	Portuguese	6	60	60	60
40	Cane weigher and switchman	1	M.	do	[5]	[5]	[5]	[5]
41	Captain, tug	1	M.	Norwegian	6	60	60	60
42	Car cleaners	1	M.	Part-Hawaiian	6	60	60	60
43		2	M.	Japanese	6	51.5	51.5	51.5
44	Total	3			6	51.5	60	54.3

[1] Boys.
[2] Including 1 boy.
[3] Including 2 boys.
[4] Also house, fuel, water, and medical attendance.
[5] Not reported.
[6] Average days reported for 5 employees only.
[7] Hours reported for 5 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAM RAILROADS (6 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
											1	$5.18	1
						1				1		3.64	2
										1		4.95	3
						1				2	1	4.35	4
					1							2.31	5
			[11]1	[11]1								[11]1.49	6
					3							2.15	7
				1	2							1.93	8
			[11]1	[12]2	6							[3]1.95	9
										1	1	5.07	10
											1	5.14	11
										1	2	5.09	12
					2	1						2.21	13
				2		3						2.12	14
				1								1.53	15
				1								1.98	16
				1								1.98	17
				5	2	4						2.07	18
									1			4.00	19
								2				3.85	20
								2	1			3.90	21
				7								1.50	22
			3									1.10	23
			3	7								1.38	24
								1			1	6.09	25
				[4]1								[4]1.81	26
		1										.96	27
											1	5.60	28
									1			4.22	29
		1		[4]1				1	1		2	[8]4.13	30
					1							2.30	31
					3							2.00	32
				1								1.92	33
			2	5								1.49	34
				22								1.55	35
				1								1.92	36
			2	29	3							1.60	37
				1								1.50	38
[11]1												[1].20	39
		1										.77	40
											1	5.75	41
				1								1.50	42
			2									1.00	43
			2	1								1.17	44

[8] One employee furnished also with house, fuel, water, and medical attendance.
[9] Irregular.
[10] Hours reported for 2 employees only.
[11] Days reported for 31 employees only.
[12] Hours reported for 11 employes only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Car inspectors	1	M.	Irish	6	60	60	60
2		1	M.	Norwegian	6	51.5	51.5	51.5
3	Total	2			6	51.5	60	55.8
4	Carpenters	3	M.	American	6	51.5	51.5	51.5
5		1	M.	Hawaiian	6	60	60	60
6		3	M.	Part-Hawaiian	6	51.5	60	54.3
7		6	M.	Japanese	6	[1] 59.5	[1] 60	[1] 59.9
8		1	M.	Norwegian	6	60	60	60
9		6	M.	Portuguese	6	51.5	51.5	51.5
10	Total	20			6	[3] 51.5	[3] 60	[3] 55
11	Carpenters' helpers	4	M.	American	6	51.5	51.5	51.5
12		1	M.	Filipino	6	60	60	60
13		30	M.	Japanese	6	51.5	60	57.5
14		1	M.	Portuguese	6	51.5	51.5	51.5
15	Total	36			6	51.5	60	56.7
16	Cashier	1	M.	American	6	60	60	60
17	Clerks	1	M.	Chinese	6	60	60	60
18		1	M.	Hawaiian	6	60	60	60
19	Total	2			6	60	60	60
20	Clerk, car shops	1	M.	American	6	51.5	51.5	51.5
21	Clerks, freight	8	M.	....do	6	51	54	52.1
22		3	M.	Hawaiian	6	60	60	60
23		1	M.	Porto Rican	6	60	60	60
24		2	M.	Portuguese	6	60	60	60
25		1	M.	Scotch	6	60	60	60
26	Total	15			6	51	60	55.8
27	Clerk, labor	1	M.	Hawaiian	6	60	60	60
28	Clerk, roundhouse	1	M.	American	6	51.5	51.5	51.5
29	Clerks, wharf	2	M.	....do	6	53	53	53
30	Conductors	12	M.	....do	6	[5] 60	[5] 60	[5] 60
31		1	M.	Hawaiian	6	60	60	60
32		1	M.	Part-Hawaiian	7	35	35	35
33	Total	14			[7] 6.1	[8] 35	[8] 60	[8] 55.8
34	Cook	1	M.	Japanese	7	56	56	56
35	Deck hands, tug	1	M.	Hawaiian	6	60	60	60
36		1	M.	Japanese	6	60	60	60
37	Total	2			6	60	60	60
38	Drivers, auto-truck	1	M.	American	6	60	60	60
39		1	M.	Portuguese	6	60	60	60
40	Total	2			6	60	60	60
41	Driver, locomotive	1	M.	Portuguese	6	60	60	60
42	Engineers	6	M.	American	[9]	[9]	[9]	[9]
43		3	M.	Part-Hawaiian	[9]	[9]	[9]	[9]
44		3	M.	Portuguese	[9]	[9]	[9]	[9]
45		1	M.	Scandinavian	7	35	35	35
46	Total	13			[10] 7	[11] 35	[11] 35	[11] 35

[1] Hours reported for 5 employees only.
[2] One employee furnished also with house, fuel, water, and medical attendance.
[3] Hours reported for 19 employees only.
[4] Including 1 employee furnished also with house, fuel, water, and medical attendance.
[5] Hours reported for 4 employees only.
[6] Also house, fuel, water, and medical attendance.
[7] Average.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAM RAILROADS (6 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
							1					$3.26	1
							1					3.26	2
							2					3.26	3
								1	1	1		4.12	4
							1					3.00	5
								2		1		4.12	6
			[2] 2	2	1		1					[2] 1.89	7
									1			4.00	8
						1	2		2		1	3.78	9
			[2] 2	2	1	1	4	3	4	2	1	[4] 3.29	10
			3	1								1.40	11
			1									1.40	12
			1	16	12	1						1.80	13
				1								1.50	14
			5	18	12	1						1.74	15
											1	6.71	16
				1								1.53	17
						1						2.88	18
				1		1						2.21	19
							1					3.07	20
						1	4	1	1		1	3.67	21
				2		1						2.02	22
				1								1.87	23
				2								1.77	24
								1				3.54	25
				5		2	4	2	1		1	2.96	26
			1									1.35	27
					1							2.49	28
							1		1			3.52	29
					1	1		1	9			3.81	30
				1								1.50	31
		[6] 1										[6] .99	32
		[6] 1		1	1	1		1	9			[4] 3.44	33
		[6] 1										[6] .90	34
				1								1.50	35
				1								1.50	36
				2								1.50	37
								1				3.54	38
								1				3.54	39
								2				3.54	40
							1					3.07	41
										6		4.66	42
							2			1		3.64	43
				1	1					1		2.81	44
					[6] 1							[8] 2.47	45
				1	[4] 2		2			8		[4] 3.83	46

[6] Hours reported for 6 employees only.
[9] Irregular.
[10] Days reported for 1 employee only.
[11] Hours reported for 1 employee only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Engineers, chief	2	M.	American	6	54	54	$54
2		1	M.	Portuguese	6	60	60	60
3	Total	3			6	54	60	56
4	Engineer, chief, assistant	1	M.	American	6	54	54	54
5	Engineers, locomotive	2	M.	do	6	60	60	60
6		7	M.	Hawaiian	7	60	60	60
7		2	M.	Portuguese	6	60	60	60
8	Total	11			[1] 6.6	60	60	60
9	Engineer, pump	1	M.	Portuguese	6	53	53	53
10	Engineers, pump, assistant	2	M.	do	6	53	53	53
11	Engineer, shop	1	M.	do	6	51.5	51.5	51.5
12	Engineer, tug	1	M.	American	6	60	60	60
13	Firemen, locomotive	3	M.	do	6	[2] 60	[2] 60	[2] 60
14		8	M.	Hawaiian	6	60	60	60
15		1	M.	do	7	56	56	56
16		6	M.	Part-Hawaiian	(4)	(4)	(4)	(4)
17		[5] 1	M.	Irish	6	60	60	60
18		8	M.	Portuguese	6	[6] 60	[6] 60	[6] 60
19	Total	[7] 27			[8] 6	[9] 56	[9] 60	[9] 59.7
20	Fireman, tug	1	M.	American	6	60	60	60
21	Foreman, camp	1	M.	Portuguese	6	60	60	60
22	Foreman, laborers	1	M.	Irish	6	60	60	60
23		7	M.	Japanese	6	60	60	60
24	Total	8			6	60	60	60
25	Foremen, roundhouse	2	M.	Portuguese	6	60	60	60
26	Foremen, section men	1	M.	Hawaiian	6	60	60	60
27		19	M.	Japanese	6	53	60	53.4
28	Total	20			6	53	60	53.7
29	Foreman, stevedores	1	M.	Hawaiian	6	60	60	60
30	Foremen, yard	1	M.	Chinese	6	60	60	60
31		1	M.	Hawaiian	6	60	60	60
32	Total	2			6	60	60	60
33	Foundrymen	1	M.	American	6	51.5	51.5	51.5
34		1	M.	Part-Hawaiian	6	51.5	51.5	51.5
35		1	M.	New Zealander	6	54	54	54
36		8	M.	Portuguese	6	51.5	51.5	51.5
37	Total	11			6	51.5	54	51.7
38	Foundrymen's helpers	2	M.	Hawaiian	6	54	54	54
39		1	M.	Portuguese	6	54	54	54
40		[5] 1	M.	do	6	54	54	54
41	Total	[7] 4			6	54	54	54
42	Freight handlers	1	M.	American	6	60	60	60
43		4	M.	Japanese	6	51	51	51
44	Total	5			6	51	60	52.8

[1] Average.
[2] Hours reported for 1 employee only.
[3] Also house, fuel, water, and medical attendance.
[4] Irregular.
[5] Boy.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAM RAILROADS (6 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
											2	$13.42	1
											1	6.25	2
											3	11.03	3
											1	6.13	4
									1	1		4.46	5
					3	1	2		1			2.99	6
							1		1			3.74	7
					3	1	3		3	1		3.39	8
					1							2.30	9
			2									1.34	10
					1							2.04	11
											1	5.75	12
				1	1	1						2.00	13
			3	5								1.46	14
			[3] 1									[3] 1.00	15
				2	3	1						1.92	16
			[5] 1									[5] 1.00	17
				3	4	1						2.00	18
			[10] 5	11	8	3						[10] 1.75	19
				1								1.66	20
				1								1.87	21
							1					3.45	22
			6	1								1.51	23
			6	1			1					1.75	24
				1		1						2.11	25
				1								1.50	26
			1	18								1.56	27
			1	19								1.56	28
					1							2.25	29
				1								1.65	30
						1						2.75	31
				1		1						2.20	32
							1					3.20	33
					1							2.40	34
							1					3.24	35
			1	1	5	1						1.94	36
			1	1	6	1	2					2.21	37
			1	1								1.49	38
					1							2.25	39
		[5] 1										[5] .75	40
		[5] 1	1	1	1							[7] 1.50	41
				1								1.53	42
			4									1.04	43
			4	1								1.14	44

[6] Hours reported for 3 employees only.
[7] Including 1 boy.
[8] Days reported for 21 employees only.
[9] Hours reported for 14 employees only.
[10] See notes to details.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Hostlers, locomotive	1	M.	American	6	51.5	51.5	51.5
2		5	M.	Japanese	6	51.5	51.5	51.5
3		2	M.	Portuguese	6	51.5	51.5	51.5
4	Total	8			6	51.5	51.5	51.5
5	Laborers	3	M.	Chinese	6	60	60	60
6		67	M.	Hawaiian	6	60	60	60
7		[1]4	M.	do	6	60	60	60
8		1	M.	Part-Hawaiian	6	51.5	51.5	51.5
9		195	M.	Japanese	6	51.5	60	57.1
10		[2]1	M.	do	6	60	60	60
11		23	M.	Portuguese	6	51.5	60	58.6
12		[2]1	M.	do	6	60	60	60
13		4	M.	Russian	6	60	60	60
14	Total	[3]299			6	51.5	60	57.9
15	Laborers, car	9	M.	Japanese	6	51.5	51.5	51.5
16	Laborers, railroad	9	M.	do	6	60	60	60
17	Laborers, shop	1	M.	Hawaiian	6	54	54	54
18		1	M.	Japanese	6	54	54	54
19		1	M.	Portuguese	6	54	54	54
20	Total	3			6	54	54	54
21	Machinists	3	M.	American	6	51.5	54	52.3
22		3	M.	Part-Hawaiian	6	51.5	54	52.3
23		1	M.	Japanese	6	60	60	60
24		3	M.	Portuguese	6	51.5	54	53.2
25	Total	10			6	51.5	60	53.3
26	Machinists' helpers	7	M.	American	6	51.5	54	52.2
27		[2]1	M.	do	6	54	54	54
28		3	M.	Part-Hawaiian	6	51.5	54	53.2
29		[2]1	M.	do	6	54	54	54
30		5	M.	Portuguese	6	51.5	54	53
31		[1]2	M.	do	6	54	54	54
32		1	M.	Russian	6	54	54	54
33	Total	[4]20			6	51.5	54	53
34	Manager	1	M.	American	7	(5)	(5)	(5)
35	Mason, stone	1	M.	do	6	53	53	53
36	Mason, stone, helper	1	M.	Japanese	6	53	53	53
37	Master mechanic	1	M.	American	6	54	54	54
38	Office boy	1	M.	Chinese	6	60	60	60
39	Oilers, car	3	M.	Portuguese	6	51.5	51.5	51.5
40	Overseers	1	M.	Hawaiian	6	60	60	60
41		1	M.	Portuguese	6	60	60	60
42		1	M.	Scotch	6	60	60	60
43	Total	3			6	60	60	60
44	Overseers, assistant	3	M.	Hawaiian	6	60	60	60
45	Overseer, section	1	M.	Japanese	6	59.5	59.5	59.5
46	Painters	9	M.	Chinese	6	51.5	51.5	51.5
47		1	M.	Part-Hawaiian	6	51.5	51.5	51.5
48	Total	10			6	51.5	51.5	51.5
49	Porter	1	M.	American	7	63	63	63
50	Roadmasters	1	M.	English	6	60	60	60
51		1	M.	Irish	6	60	60	60
52	Total	2			6	60	60	60

[1] Boys. [2] Boy. [3] Including 6 boys. [4] Including 4 boys.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAM RAILROADS (6 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	$2.88	1
.....	.....	.....	3	2	.....	.....	.....	.....	.....	.....	.....	1.34	2
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.15	3
.....	.....	.....	5	2	.....	1	.....	.....	.....	.....	.....	1.49	4
.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	1.25	5
.....	.....	.....	38	29	.....	.....	.....	.....	.....	.....	.....	1.35	6
.....	.....	[1]4	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].75	7
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.67	8
.....	[2]1	.....	129	25	41	.....	.....	.....	.....	.....	.....	1.40	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[2].60	10
.....	.....	.....	10	11	1	1	.....	.....	.....	.....	.....	1.47	11
.....	.....	[2]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[2].75	12
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.25	13
.....	[2]1	[1]5	183	67	42	[6] 1	.....	.....	.....	.....	.....	[3]1.38	14
.....	.....	.....	3	6	.....	.....	.....	.....	.....	.....	.....	1.53	15
.....	.....	.....	6	3	.....	.....	.....	.....	.....	.....	.....	1.33	16
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.08	17
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.08	18
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	19
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.05	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	4.92	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	4.44	22
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.07	23
.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	3.83	24
.....	.....	.....	.....	.....	.....	.....	1	2	2	3	2	4.26	25
.....	.....	[2]1	1	1	.....	1	2	.....	.....	1	1	3.16	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[2].99	27
.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	1.85	28
.....	.....	.....	[2]1	.....	.....	.....	.....	.....	.....	.....	.....	[2]1.26	29
.....	.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....	1.58	30
.....	.....	.....	[1]2	.....	.....	.....	.....	.....	.....	.....	.....	[1]1.26	31
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.97	32
.....	.....	[2]1	[5]5	7	.....	3	2	.....	.....	1	1	[4]2.16	33
.....	.....	.....	[7]1	.....	.....	.....	.....	.....	.....	.....	.....	[7]1.32	34
.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	4.00	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.05	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6.39	37
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	38
.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	2.07	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.18	40
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.22	42
.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	4.41	43
.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	2.00	44
.....	.....	.....	[7]1	.....	.....	.....	.....	.....	.....	.....	.....	[7]1.25	45
.....	.....	.....	2	.....	6	.....	1	.....	.....	.....	.....	2.02	46
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.40	47
.....	.....	.....	2	.....	7	.....	1	.....	.....	.....	.....	2.06	48
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.48	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.22	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	4.99	52

[5] Including 3 boys. [6] Not reported. [7] Also house, fuel, water, and medical attendance.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STEAM RAILROADS (6 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Section men	2	M.	Chinese	6	60	60	60
2		1	M.	Hawaiian	6	60	60	60
3		255	M.	Japanese	6	[2]53	[2]60	[2]55.9
4		3	M.	Korean	6	60	60	60
5		2	M.	Portuguese	[4]	[4]	[4]	[4]
6	Total	263			[5]6	[6]53	[6]60	[6]56.1
7	Shop assistants	3	M.	Hawaiian	6	60	60	60
8	Stable boy	1	M.	Japanese	[4]	[4]	[4]	[4]
9	Station masters	4	M.	Hawaiian	6	60	60	60
10	Stenographers	2	M.	Part-Hawaiian	6	60	60	60
11	Stevedores	8	M.	Hawaiian	6	60	60	60
12	Storekeepers	1	M.	American	6	60	60	60
13		1	M.	Scotch	6	72	72	72
14	Total	2			6	60	72	66
15	Superintendents	1	M.	American	[4]	[4]	[4]	[4]
16		1	M.	German	6	54	54	54
17	Total	2			[3]6	[9]54	[9]54	[9]54
18	Superintendent, freight	1	M.	American	6	60	60	60
19	Superintendent, freight, assistant	1	M.	do	6	60	60	60
20	Surveyors' helpers	3	M.	Japanese	6	60	60	60
21	Switchmen and flagmen	2	M.	Hawaiian	6	60	60	60
22	Timekeepers	1	M.	American	6	60	60	60
23		1	M.	Hawaiian	6	60	60	60
24	Total	2			6	60	60	60
25	Traffic master	1	M.	Canadian	6	60	60	60
26	Train dispatchers	1	M.	Portuguese	6	60	60	60
27	Watchmen	2	M.	American	6	53	53	53
28		2	M.	Japanese	7	84	84	84
29		2	M.	do	6	53	53	53
30		1	M.	Portuguese	7	84	84	84
31	Total	7			[10]6.5	53	84	66.3
32	Weighmaster	1	M.	American	6	53	53	53
33	Wharf hands	2	M.	Hawaiian	6	60	60	60
34	Wharfinger	1	M.	do	6	60	60	60
35	Wipers and oilers	2	M.	Chinese	6	60	60	60
36		1	M.	Hawaiian	6	60	60	60
37		1	M.	Portuguese	6	60	60	60
38	Total	4			6	60	60	60
39	Yardman	1	M.	Japanese	6	60	60	60
40	Yardmasters	1	M.	American	6	60	60	60
41		1	M.	Part-Hawaiian	6	53	53	53
42	Total	2			6	53	60	56.5

[1] Also house, fuel, water, and medical attendance.
[2] Hours reported for 254 employees only.
[3] Including 7 employees furnished also with house, fuel, water, and medical attendance.
[4] Not reported.
[5] Days reported for 261 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAM RAILROADS (6 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
			[1] 2									[1] $1.00	1
			1									1.00	2
		7	[2] 248									[2] 1.00	3
			3									1.00	4
		2										.81	5
		9	[7] 254									[7] 1.00	6
			2		1							1.50	7
		1										.84	8
			1									1.00	9
						1			1			3.52	10
			8									1.25	11
										1		4.79	12
											1	7.29	13
										1	1	6.04	14
										1		4.79	15
											1	11.50	16
										1	1	8.15	17
											1	6.25	18
							1					3.12	19
			1	1	1							1.58	20
				2								1.75	21
							1					3.45	22
						1						2.30	23
					1		1					2.88	24
											1	5.20	25
						1						2.88	26
			1				1					2.25	27
			2									1.00	28
			2									1.20	29
						1						2.50	30
			5			1	1					1.63	31
				1								1.92	32
			1	1								1.38	33
											1	5.60	34
			2									1.13	35
				1								1.50	36
				1								1.50	37
			2	2								1.32	38
				1								1.52	39
									1			4.41	40
										1		4.79	41
									1	1		4.60	42

[6] Hours reported for 260 employees only.
[7] Including 9 employees furnished also with house, fuel, water, and medical attendance.
[8] Days reported for 1 employee only.
[9] Hours reported for 1 employee only.
[10] Average.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STEAMSHIP COMPANY, INTERISLAND (1 establishment).[1]

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bartender	1	M.	Japanese	7	63	63	63
2	Blacksmith	1	M.	American	6	54	54	54
3	Blacksmiths' helpers	2	M.	Hawaiian	6	54	54	54
4	Captains	3	M.	American	7	63	63	63
5		4	M.	English	7	63	63	63
6		2	M.	German	7	63	63	63
7		1	M.	Hawaiian	7	63	63	63
8		2	M.	Part-Hawaiian	7	63	63	63
9		2	M.	Norwegian	7	63	63	63
10		1	M.	Swedish	7	63	63	63
11	Total	15			7	63	63	63
12	Carpenters	4	M.	Hawaiian	6	54	54	54
13		1	M.	Portuguese	6	54	54	54
14	Total	5			6	54	54	54
15	Carpenters' helpers	[2] 1	M.	Chinese	6	54	54	54
16		2	M.	Portuguese	6	54	54	54
17	Total	[3] 3			6	54	54	54
18	Clerks, freight	3	M.	Part-Hawaiian	7	63	63	63
19	Clerks, freight, assistant	1	M.	American	7	63	63	63
20		1	M.	English	7	63	63	63
21		2	M.	Part-Hawaiian	7	63	63	63
22	Total	4			7	63	63	63
23	Cooks	14	M.	Chinese	7	63	63	63
24		1	M.	Spanish	7	63	63	63
25	Total	15			7	63	63	63
26	Cooks, second	5	M.	Chinese	7	63	63	63
27		1	M.	Portuguese	7	63	63	63
28	Total	6			7	63	63	63
29	Cooks, third	2	M.	Chinese	7	63	63	63
30	Electricians	1	M.	American	7	63	63	63
31		1	M.	English	7	63	63	63
32		1	M.	Part-Hawaiian	7	63	63	63
33	Total	3			7	63	63	63
34	Engineers, chief	8	M.	American	7	63	63	63
35		4	M.	English	7	63	63	63
36		1	M.	Greek	7	63	63	63
37		1	M.	Part-Hawaiian	7	63	63	63
38		1	M.	Portuguese	7	63	63	63
39	Total	15			7	63	63	63
40	Engineers, assistant, first	11	M.	American	7	63	63	63
41		1	M.	English	7	63	63	63
42		2	M.	German	7	63	63	63
43		1	M.	Hawaiian	7	63	63	63
44	Total	15			7	63	63	63
45	Engineers, assistant, second	3	M.	American	7	63	63	63
46		1	M.	German	7	63	63	63
47		2	M.	Part-Hawaiian	7	63	63	63
48	Total	6			7	63	63	63
49	Engineer, assistant, third	1	M.	American	7	63	63	63

[1] In all occupations in which employees work 7 days per week the hours per week are 63 when the vessels are in port at Honolulu; at sea the hours are 84 per week.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAMSHIP COMPANY, INTERISLAND (1 establishment).[1]

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
			1									$1.48	1
											1	5.00	2
					2							2.13	3
											3	5.75	4
											4	5.92	5
											2	5.42	6
											1	5.42	7
											2	5.75	8
											2	5.59	9
											1	5.42	10
											15	5.69	11
								1	3			3.88	12
								1				3.50	13
								2	3			3.80	14
			[2]1									[2]1.00	15
			1		1							1.67	16
			[3]2		1							[3]1.45	17
				1	2							2.30	18
		1										.99	19
		1										.99	20
		2										.99	21
		4										.99	22
			9	5								1.50	23
				1								1.71	24
			9	6								1.51	25
		1	4									1.13	26
			1									1.12	27
		1	5									1.13	28
		2										.92	29
				1								1.64	30
				1								1.64	31
				1								1.64	32
				3								1.64	33
										5	3	4.85	34
										3	1	4.77	35
										1		4.60	36
										1		4.60	37
										1		4.60	38
										11	4	4.78	39
								11				3.83	40
								1				3.78	41
								2				3.87	42
								1				3.78	43
								15				3.83	44
							3					3.40	45
							1					3.45	46
							2					3.37	47
							6					3.40	48
						1						2.79	49

[2] Boy.

[3] Including 1 boy.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Firemen	36	M.	Chinese	7	63	63	63
2		3	M.	Part-Hawaiian	7	63	63	63
3		13	M.	Japanese	7	63	63	63
4		1	M.	Korean	7	63	63	63
5	Total	53			7	63	63	63
6	Machinists	2	M.	American	6	54	54	54
7		1	M.	German	6	54	54	54
8	Total	3			6	54	54	54
9	Machinists' helpers	2	M.	Chinese	6	54	54	54
10		3	M.	Hawaiian	6	54	54	54
11		1	M.	Japanese	6	54	54	54
12	Total	6			6	54	54	54
13	Mates, first	3	M.	American	7	63	63	63
14		4	M.	English	7	63	63	63
15		1	M.	German	7	63	63	63
16		2	M.	Hawaiian	7	63	63	63
17		3	M.	Part-Hawaiian	7	63	63	63
18		1	M.	Russian	7	63	63	63
19		1	M.	Swedish	7	63	63	63
20	Total	15			7	63	63	63
21	Mates, second	2	M.	American	7	63	63	63
22		1	M.	English	7	63	63	63
23		2	M.	German	7	63	63	63
24		9	M.	Hawaiian	7	63	63	63
25		1	M.	Part-Hawaiian	7	63	63	63
26	Total	15			7	63	63	63
27	Mates, third	1	M.	German	7	63	63	63
28		1	M.	Hawaiian	7	63	63	63
29	Total	2			7	63	63	63
30	Oilers	3	M.	American	7	63	63	63
31		1	M.	German	7	63	63	63
32		2	M.	Part-Hawaiian	7	63	63	63
33		1	M.	Other Caucasian	7	63	63	63
34	Total	7			7	63	63	63
35	Pantrymen	3	M.	Chinese	7	63	63	63
36		1	M.	Filipino	7	63	63	63
37	Total	4			7	63	63	63
38	Pantryman, second	1	M.	Chinese	7	63	63	63
39	Pursers	4	M.	American	7	63	63	63
40		4	M.	English	7	63	63	63
41		1	M.	German	7	63	63	63
42		3	M.	Hawaiian	7	63	63	63
43		3	M.	Part-Hawaiian	7	63	63	63
44	Total	15			7	63	63	63
45	Sailors	1	M.	English	7	63	63	63
46		1	M.	Filipino	7	63	63	63
47		233	M.	Hawaiian	7	63	63	63
48		175	M.	Japanese	7	63	63	63
49		2	M.	Spanish	7	63	63	63
50	Total	412			7	63	63	63
51	Shipwright	1	M.	American	(1)	(1)	(1)	(1)

[1] Not reported.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
			36									$1.14	1
			3									1.28	2
			13									1.14	3
			1									1.14	4
			53									1.15	5
										1	1	4.75	6
										1		4.50	7
										2	1	4.67	8
			2									1.04	9
			2					1				2.00	10
				1								1.50	11
			4	1				1				1.60	12
							3					3.12	13
							4					3.12	14
							1					3.45	15
							2					3.29	16
							3					3.23	17
							1					3.12	18
							1					3.45	19
							15					3.21	20
						2						2.63	21
						1						2.63	22
						2						2.63	23
						9						2.63	24
						1						2.63	25
						15						2.63	26
					1							2.30	27
					1							2.30	28
					2							2.30	29
			1	2								1.59	30
				1								1.64	31
			2									1.48	32
			1									1.48	33
			4	3								1.55	34
		2	1									1.03	35
		1										.85	36
		3	1									.99	37
	1											.66	38
				2			2					2.63	39
				1	2				1			2.67	40
					1							2.47	41
				1	1	1						2.47	42
				3								1.97	43
				7	4	1	2		1			2.47	44
				1								1.50	45
				1								1.50	46
				233								1.50	47
				175								1.50	48
				2								1.50	49
				412								1.50	50
											1	7.67	51

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Stewards, chief	13	M.	Chinese	7	63	63	63
2		1	M.	Portuguese	7	63	63	63
3		1	M.	Spanish	7	63	63	63
4	Total	15			7	63	63	63
5	Stewards, second	3	M.	Chinese	7	63	63	63
6		2	M.	Part-Hawaiian	7	63	63	63
7		1	M.	Japanese	7	63	63	63
8	Total	6			7	63	63	63
9	Superintendent, engineer	1	M.	Scotch	[1]	[1]	[1]	[1]
10	Waiters	16	M.	Chinese	7	63	63	63
11		3	M.	Filipino	7	63	63	63
12		3	M.	Part-Hawaiian	7	63	63	63
13		9	M.	Japanese	7	63	63	63
14	Total	31			7	63	63	63
15	Water tenders	3	M.	American	7	63	63	63

STONE QUARRYING AND CUTTING (5 establishments).

16	Carpenter	1	M.	Portuguese	6	54	54	54
17	Engineers	2	M.	American	[2] 6	[3] 54	[3] 54	[3] 54
18	Engineer, assistant	1	M.	Portuguese	6	54	54	54
19	Fireman and watchman	1	M.	Japanese	6	53	53	53
20	Helpers	4	M.	do	6	54	54	54
21	Laborers	2	M.	American	6	54	54	54
22		4	M.	Hawaiian	2	18	18	18
23	Total	6			[4] 3.3	18	54	30
24	Office boy	1	M.	Portuguese	6	54	54	54
25	Quarrymen	6	M.	Japanese	[5]	[5]	[5]	[5]
26	Stone breakers	4	M.	do	[5]	[5]	[5]	[5]
27	Stonecutters	8	M.	do	6	54	54	54
28		3	M.	Portuguese	6	48	48	48
29	Total	11			6	48	54	52.4
30	Watchman	1	M.	Japanese	7	84	84	84

STREET RAILWAY (1 establishment).

31	Boiler-room men	2	M.	American	7	66.5	66.5	66.5
32	Carpenter	1	M.	Canadian	6	54	54	54
33	Car washers	2	M.	Chinese	6	54	54	54
34	Clerks	3	M.	American	6	54	54	54
35		1	M.	Canadian	6	54	54	54
36	Total	4			6	54	54	54
37	Conductors	28	M.	American	7	63	63	63
38		1	M.	Danish	7	63	63	63
39		7	M.	English	7	63	63	63
40		5	M.	Hawaiian	7	63	63	63
41		10	M.	Part-Hawaiian	7	63	63	63
42		1	M.	Portuguese	7	63	63	63
43	Total	52			7	63	63	63

[1] Not reported. [2] Days reported for 1 employee only. [3] Hours reported for 1 employee only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
			9	4								$1.50	1
						1						2.79	2
					1							2.14	3
			9	4	1	1						1.63	4
		3										.99	5
		2										.99	6
		1										.85	7
		6										.97	8
											1	7.67	9
	3	13										.82	10
		3										.85	11
		3										.85	12
		9										.85	13
	3	28										.83	14
				3								1.81	15

STONE QUARRYING AND CUTTING (5 establishments).

					1							$2.00	16
											2	5.38	17
					1							2.00	18
			1									1.35	19
			4									1.25	20
				2								1.63	21
			4									1.00	22
			4	2								1.21	23
		1										.83	24
			6									1.25	25
			4									1.00	26
			2	5	1							1.62	27
						1			1		1	3.89	28
			2	5	1	1			1		1	2.24	29
			1									1.07	30

STREET RAILWAY (1 establishment).

					2							$2.47	31
								1				3.50	32
			1	1								1.43	33
									2		1	4.73	34
										1		4.79	35
									2	1	1	4.75	36
						28						2.70	37
						1						2.70	38
						7						2.70	39
						5						2.70	40
						10						2.70	41
						1						2.70	42
						52						2.70	43

[4] Average. [5] Irregular.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

STREET RAILWAY (1 establishment)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Electrician	1	M.	American	6	54	54	54
2	Engineer, chief	1	M.	do	6	54	54	54
3	Engineer, civil	1	M.	do	6	54	54	54
4	Engineers, assistant	1	M.	do	7	63	63	63
5		1	M.	German	7	63	63	63
6	Total	2			7	63	63	63
7	Foreman, blacksmith shop	1	M.	Portuguese	6	54	54	54
8	Foreman, car barns	1	M.	American	7	57	57	57
9	Foreman, carpenters	1	M.	Canadian	6	54	54	54
10	Foreman, linemen	1	M.	Norwegian	6	54	54	54
11	Foreman, paint shops	1	M.	Austrian	6	54	54	54
12	Foreman, repair shops	1	M.	American	7	57	57	57
13	Foreman, track	1	M.	Part-Hawaiian	6	54	54	54
14	Helpers, blacksmith shop	2	M.	American	6	54	54	54
15	Helpers, car barns	2	M.	do	7	57	57	57
16		1	M.	Austrian	7	57	57	57
17	Total	3			7	57	57	57
18	Helper, carpenter shop	1	M.	Portuguese	6	54	54	54
19	Helper, engine room	1	M.	Japanese	7	63	63	63
20	Helpers, repair shop	3	M.	American	7	57	57	57
21	Janitors	2	M.	Chinese	7	57	63	60
22	Laborers	2	M.	Hawaiian	6	54	54	54
23		21	M.	Portuguese	6	54	54	54
24	Total	23			6	54	54	54
25	Linemen	1	M.	Hawaiian	6	54	54	54
26		1	M.	Portuguese	6	54	54	54
27	Total	2			6	54	54	54
28	Machinist	1	M.	American	6	54	54	54
29	Manager	1	M.	do	6	54	54	54
30	Motormen	31	M.	do	7	63	63	63
31		7	M.	English	7	63	63	63
32		1	M.	German	7	63	63	63
33		6	M.	Part-Hawaiian	7	63	63	63
34		1	M.	Norwegian	7	63	63	63
35		3	M.	Portuguese	7	63	63	63
36		2	M.	Swiss	7	63	63	63
37	Total	51			7	63	63	63
38	Oilers	2	M.	Japanese	7	63	63	63
39	Painters	1	M.	American	6	54	54	54
40		2	M.	Chinese	6	54	54	54
41	Total	3			6	54	54	54
42	Stableman	1	M.	American	6	54	54	54
43	Superintendent	1	M.	do	7	63	63	63
44	Superintendent, assistant	1	M.	do	7	63	63	63
45	Track cleaners	3	M.	Portuguese	6	54	54	54

SUGAR PLANTATIONS (52 establishments).

46	Bag sewers	2	M.	Filipino	6	65	65	65
47		2	F.	Hawaiian	6	[1]72	[1]72	[1]72
48		26	M.	Japanese	[2]6	[3]60	[3]72	[3]68.1
49		72	F.	do	6	59.5	72	70
50		13	F.	do	7	78	80	79.1

[1] Hours reported for 1 employee only. Days reported for 25 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

STREET RAILWAY (1 establishment)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
											1	$6.71	1
											1	6.90	2
											1	7.67	3
							1					3.29	4
						1						2.96	5
						1	1					3.13	6
							1					3.25	7
							1					3.45	8
										1		4.79	9
							1					3.07	10
									1			4.00	11
									1			4.11	12
								1				3.83	13
				2								1.75	14
					2							2.17	15
				1								1.81	16
				1	2							2.05	17
				1								1.75	18
			1									1.00	19
				1		2						2.31	20
		2										.91	21
				2								1.50	22
				21								1.50	23
				23								1.50	24
						1						2.50	25
						1						2.88	26
						2						2.69	27
									1			4.22	28
											1	19.17	29
						31						2.70	30
						7						2.70	31
						1						2.70	32
						6						2.70	33
						1						2.70	34
						3						2.70	35
						2						2.70	36
						51						2.70	37
			1	1								1.45	38
				1								1.75	39
			1			1						1.75	40
			1	1		1						1.75	41
						1						2.50	42
											1	6.58	43
								1				3.62	44
				3								1.50	45

SUGAR PLANTATIONS (52 establishments).

	2											$0.69	46
1	1											.48	47
1	7	13	5									.82	48
20	44	8										.55	49
	13											.65	50

[a] Hours reported for 25 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bag sewers (concluded)	2	F.	Porto Rican	6	66	71	68.5
2		2	M.	Portuguese	6	72	72	72
3		10	F.	do	6	60	60	60
4		2	F.	Spanish	6	72	72	72
5	Total	131			[1] 6.1	[2] 59.5	[2] 80	[2] 69.8
6	Bag fillers	24	M.	Japanese	6	72	72	72
7	Bag markers	2	F.	do	6	60	60	60
8	Bag marker and mender	1	F.	do	6	72	72	72
9	Bag sewers and fillers	4	M.	Hawaiian	6	60	60	60
10		8	M.	Japanese	6	60	60	60
11	Total	12			6	60	60	60
12	Bag sewers and markers	1	M.	Chinese	6	66	66	66
13		2	F.	Japanese	7	78	78	78
14		3	F.	Porto Rican	7	78	78	78
15	Total	6			[3] 6.8	66	78	76
16	Blacksmiths	17	M.	American	6	59	66	60.2
17		4	M.	English	6	60	60	60
18		3	M.	German	6	60	60	60
19		6	M.	Hawaiian	6	59	65	60.7
20		2	M.	Part-Hawaiian	6	60	60	60
21		1	M.	Hebrew	6	60	60	60
22		28	M.	Japanese	6	[4] 54	[4] 66	[4] 59.9
23		8	M.	Portuguese	6	[5] 60	[5] 72	[5] 61.7
24		1	M.	Russian	6	60	60	60
25		7	M.	Scotch	6	60	66	60.6
26		1	M.	Spanish	6	65	65	65
27	Total	78			6	[6] 54	[6] 72	[6] 60.3
28	Blacksmiths' helpers	3	M.	American	6	59	60	59.7
29		1	M.	Chinese	6	60	60	60
30		2	M.	Filipino	6	60	60	60
31		2	M.	German	6	60	60	60
32		16	M.	Hawaiian	6	59	60	59.9
33		1	M.	Part-Hawaiian	6	60	60	60
34		71	M.	Japanese	6	[7] 54	[7] 72	[7] 60.4
35		1	M.	Porto Rican	6	60	60	60
36		27	M.	Portuguese	6	59.5	72	61
37	Total	124			6	[8] 54	[8] 72	[8] 60.4
38	Boatmen	4	M.	Hawaiian	6	60	60	60
39	Boiler makers	5	M.	American	6	60	60	60
40		5	M.	Japanese	6	60	60	60
41	Total	10			6	60	60	60
42	Boiler makers' helpers	2	M.	American	6	60	60	60
43		25	M.	Japanese	6	60	60	60
44	Total	27			6	60	60	60
45	Bookkeepers	20	M.	American	6	50	62	58
46		1	M.	Australian	6	60	60	60
47		3	M.	Canadian	6	60	60	60
48		1	M.	Danish	6	60	60	60

[1] Average days reported for 130 employees only.
[2] Hours reported for 129 employees only.
[3] Average.
[4] Hours reported for 27 employees only.
[5] Hours reported for 7 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
2												$0.46	1
2												.46	2
	10											.62	3
	2											.54	4
26	79	21	5									.62	5
			24									1.00	6
	2											.62	7
1												.46	8
		4										.90	9
		8										.90	10
		12										.90	11
		1										.81	12
2												.49	13
3												.49	14
5		1										.54	15
				1		3	2	1		5	5	4.13	16
				1				1		2		3.79	17
				1					1	1		3.58	18
					1	3	1	1				2.92	19
				2		1						1.76	20
						1						2.75	21
		1	14	9	2	2						1.48	22
				2	1		2		2	1		3.01	23
						1						2.50	24
						2		1	1	2	1	3.98	25
			1									1.34	26
		1	15	16	4	12	5	4	4	11	6	2.77	27
		1	2									.92	28
	1											.69	29
	2											.69	30
	1		1									.85	31
		3	9	3	1							1.17	32
			1									1.00	33
	4	30	31	5	1							1.00	34
		1										.92	35
	4	4	14	5								1.07	36
	12	39	58	13	2							1.02	37
		[9]1		2	1							[10]1.54	38
							1				4	5.20	39
			2	2	1							1.55	40
			2	2	1		1				4	3.38	41
			2									1.00	42
		7	17	1								1.04	43
		7	19	1								1.04	44
								1		2	17	6.38	45
											1	6.71	46
										1	2	6.55	47
											1	8.05	48

[6] Hours reported for 76 employees only.
[7] Hours reported for 70 employees only.
[8] Hours reported for 123 employees only.
[9] Receives also bonus of $2 per month if he works 20 days during the month.
[10] Including 1 employee who receives also bonus of $2 per month if he works 20 days during the month.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Bookkeepers (concluded)	12	M.	English	6	[1] 54	[1] 72	[1] 60.2
2		3	M.	German	6	54	60	58
3		1	M.	Part-Hawaiian	6	60	60	60
4		2	M.	Norwegian	6	[2] 60	[2] 60	[2] 60
5		2	M.	Portuguese	6	54	72	63
6		1	M.	Russian	6	60	60	60
7		8	M.	Scotch	6	54	72	60
8	Total	54	...	...	6	[3] 50	[3] 72	[3] 59.3
9	Bookkeeper, assistant	13	M.	American	6	50	72	59.7
10		1	F.	do	6	60	60	60
11		3	M.	Chinese	6	[4] 60	[4] 60	[4] 60
12		1	M.	Danish	6	60	60	60
13		6	M.	English	6	54	60	57.5
14		2	M.	German	6	60	60	60
15		2	M.	Hawaiian	6	60	60	60
16		4	M.	Part-Hawaiian	6	52	62	58.5
17		3	M.	Japanese	6	60	60	60
18		1	M.	Norwegian	6	54	54	54
19		4	M.	Scotch	6	60	60	60
20	Total	40	...	...	6	[5] 50	[5] 72	[5] 59.2
21	Bookkeepers and cashiers	1	M.	American	6	60	60	60
22		1	M.	Canadian	6	54	54	54
23		1	M.	Scotch	6	56.5	56.5	56.5
24	Total	3	...	...	6	54	60	56.8
25	Brakemen, railroad	3	M.	American	6	72	72	72
26		1	M.	Hawaiian	7	66	66	66
27		15	M.	do	6	60	72	64
28		1	M.	Japanese	7	66	66	66
29		5	M.	do	6	60	66	61.2
30		2	M.	Porto Rican	7	66	66	66
31		5	M.	do	6	72	72	72
32		10	M.	Portuguese	7	66	84	75
33		48	M.	do	6	60	72	68
34	Total	90	...	...	[6] 6.2	60	84	68
35	Bricklayer	1	M.	Japanese	6	60	60	60
36	Butchers	1	M.	American	6	60	60	60
37		3	M.	Chinese	6	54	54	54
38		1	M.	do	2	20	20	20
39		1	M.	Hawaiian	7	(7)	(7)	(7)
40		1	M.	do	3	(8)	(8)	(8)
41		1	M.	Portuguese	6	60	60	60
42	Total	8	...	...	[6] 5.3	[9] 20	[9] 60	[9] 50.3
43	Butchers' helpers	1	M.	Chinese	7	56	56	56
44		3	M.	do	6	60	60	60
45		2	M.	Japanese	6	60	60	60
46		1	M.	Portuguese	6	60	60	60
47	Total	7	...	...	[6] 6.1	56	60	59.4
48	Camp boss	1	M.	Japanese	7	(7)	(7)	(7)
49	Camp cleaner, head	1	M.	Boer	6	60	60	60
50	Camp cleaners	3	M.	American	6	60	60	60
51		1	M	Canadian	6	59.5	59.5	59.5
52		4	M.	Chinese	6	60	60	60
53		1	M.	Hawaiian	7	70	70	70
54		2	M.	do	6	59.5	59.5	59.5

[1] Hours reported for 11 employees only.
[2] Hours reported for 1 employee only.
[3] Hours reported for 52 employees only.
[4] Hours reported for 2 employees only.
[5] Hours reported for 39 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	9	$6.13	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6.14	2
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.07	3
.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	3.07	4
.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	3.22	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	6
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	7	6.47	7
.....	.....	.....	.....	.....	.....	4	2	3	1	3	41	6.06	8
.....	.....	.....	.....	.....	1	1	3	3	.....	2	3	4.14	9
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.84	10
.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	1.79	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.50	12
.....	.....	.....	.....	.....	.....	2	.....	3	1	.....	.....	3.62	13
.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	2.88	14
.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2.02	15
.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	2.64	16
.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	1.98	17
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.26	18
.....	.....	.....	.....	1	.....	1	1	1	.....	.....	.....	2.88	19
.....	.....	.....	4	2	5	7	6	9	1	3	3	3.26	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7.67	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8.63	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	7.35	24
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.00	25
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	26
.....	2	5	8	.....	.....	.....	.....	.....	.....	.....	.....	.90	27
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	28
.....	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.96	29
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	30
.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	1.03	31
.....	.....	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.96	32
.....	.....	4	43	.....	1	.....	.....	.....	.....	.....	.....	1.03	33
.....	2	20	67	.....	1	.....	.....	.....	.....	.....	.....	.99	34
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	35
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.26	36
.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	1.44	37
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.56	38
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	39
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	40
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	41
.....	.....	.....	3	4	.....	.....	1	.....	.....	.....	.....	1.66	42
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	43
.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1.05	44
.....	.....	.....	2	[6]	.....	.....	.....	.....	.....	.....	.....	1.00	45
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	46
.....	1	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.93	47
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	48
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.45	49
.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	2.17	50
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	51
.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	52
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	53
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	54

[6] Average.
[7] Irregular.
[8] Not reported.
[9] Hours reported for 6 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Camp cleaners (concluded)	7	M.	Japanese	7	70	70	70
2		73	M.	do	6	58.5	72	60
3		15	F.	do	6	30	30	30
4		3	M.	Korean	6	60	60	60
5		1	M.	Norwegian	6	60	60	60
6		1	M.	Porto Rican	7	70	70	70
7		1	M.	Portuguese	7	70	70	70
8		10	M.	do	6	60	60	60
9		1	M.	Swedish	6	60	60	60
10	Total	123			[1] 6.1	30	72	57.1
11	Cane cutters	1,296	M.	Chinese	6	[2] 48	[3] 60	[2] 53.6
12		85	M.	Filipino	6	59	60	59.3
13		22	M.	Hawaiian	6	[5] 54	[5] 60	[5] 56.8
14		2,538	M.	Japanese	6	[6] 48	[6] 66	[6] 58.4
15		432	M.	Korean	6	[8] 48	[8] 60	[8] 58.1
16		356	M.	Porto Rican	6	[9] 54	[9] 62	[9] 58.5
17		114	M.	Portuguese	6	[10] 54	[10] 62	[10] 58.4
18		[11] 1	M.	Russian	6	60	60	60
19		8	M.	Scotch	6	60	60	60
20		34	M.	Spanish	6	54	60	58.7
21	Total	[12] 4,886			6	[13] 48	[13] 66	[13] 57.2
22	Cane cutters and bundlers	39	M.	Japanese	6	60	60	60
23	Cane cutters and flumers	21	M.	Chinese	7	70	70	70
24		28	M.	Filipino	7	70	70	70
25		1	M.	Hawaiian	7	70	70	70
26		170	M.	Japanese	7	70	70	70
27		2	F.	do	7	70	70	70
28		25	M.	Korean	7	70	70	70
29		23	M.	Porto Rican	7	70	70	70
30		6	M.	Portuguese	7	70	70	70
31		11	F.	do	7	70	70	70
32	Total	287			7	70	70	70
33	Cane cutters, flumers, and loaders	130	M.	Japanese	[17]	[17]	[17]	[17]
34	Cane loaders	1	M.	American	6	60	60	60
35		5	M.	Chinese	6	[17]	[17]	[17]
36		11	M.	Filipino	6	59.5	60	59.8
37		13	M.	Hawaiian	6	[19] 54	[19] 60	[19] 58
38		2,379	M.	Japanese	6	[20] 42	[20] 72	[20] 57.7
39		315	F.	do	6	54	66	60.7
40		17	M.	Korean	6	[22] 60	[23] 62	[22] 60.1
41		8	M.	Porto Rican	6	54	60	59.3
42		[23] 2	M.	do	6	60	60	60
43		13	M.	Portuguese	6	[24] 59.5	[24] 60	[24] 60
44		[23] 2	M.	do	6	60	60	60
45		3	F.	do	6	60	60	60
46		1	M.	Spanish	6	60	60	60
47		[23] 1	M.	do	6	60	60	60
48		1	F.	do	6	60	60	60
49	Total	[25] 2,772			6	[26] 42	[26] 72	[26] 58.1

[1] Average.
[2] Hours reported for 1,150 employees only.
[3] One employee receives also bonus of $2 per month if he works 20 days during the month.
[4] 16 employees receive also bonus of $2 per month if they work 20 days during the month.
[5] Hours reported for 19 employees only.
[6] Hours reported for 2,473 employees only.
[7] 4 employees receive also bonus of $2 per month if they work 20 days during the month.
[8] Hours reported for 405 employees only.
[9] Hours reported for 354 employees only.
[10] Hours reported for 108 employees only.
[11] Boy.
[12] Including 1 boy.
[13] Hours reported for 4,637 employees only.
[14] 6 employees receive also bonus of $2 per month if they work 20 days during the month.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.64	1
.....	49	19	5	.....	.....	.....	.....	.....	.....	.....	.....	.75	2
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.19	3
.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	4
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	5
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.79	6
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.72	7
.....	.....	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.91	8
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	9
15	55	40	9	2	.....	2	.....	.....	.....	.....	.....	.74	10
.....	82	[3] 155	928	131	.....	.....	.....	.....	.....	.....	.....	[3] 1.11	11
.....	[4] 83	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4] .69	12
.....	2	[3] 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3] .84	13
.....	153	[7] 1,270	1,003	112	.....	.....	.....	.....	.....	.....	.....	[7] .99	14
.....	35	263	121	13	.....	.....	.....	.....	.....	.....	.....	.94	15
.....	.....	317	39	.....	.....	.....	.....	.....	.....	.....	.....	.88	16
.....	1	93	20	.....	.....	.....	.....	.....	.....	.....	.....	.93	17
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.61	18
.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	19
.....	1	28	5	.....	.....	.....	.....	.....	.....	.....	.....	.94	20
.....	[4] 358	[12] 2,156	2,116	256	.....	.....	.....	.....	.....	.....	.....	[15] 1.00	21
.....	.....	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	1.20	22
.....	.....	[16] 21	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	23
.....	.....	[16] 28	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	24
.....	.....	[16] 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	25
.....	.....	[16] 170	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	26
.....	.....	[16] 2	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	27
.....	.....	[16] 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	28
.....	.....	[16] 23	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	29
.....	.....	[16] 6	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	30
.....	.....	[16] 11	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	31
.....	.....	[16] 287	.....	.....	.....	.....	.....	.....	.....	.....	.....	[16] .79	32
.....	.....	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.93	33
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	34
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.75	35
.....	[18] 6	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	[18] .84	36
.....	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	37
.....	4	[21] 158	2,052	165	.....	.....	.....	.....	.....	.....	.....	[21] 1.28	38
3	44	98	170	.....	.....	.....	.....	.....	.....	.....	.....	1.01	39
.....	1	9	7	.....	.....	.....	.....	.....	.....	.....	.....	.99	40
.....	.....	3	4	1	.....	.....	.....	.....	.....	.....	.....	1.16	41
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.97	42
1	.....	2	10	.....	.....	.....	.....	.....	.....	.....	.....	1.16	43
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.97	44
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.38	45
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.30	46
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.97	47
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.25	48
8	[5] [18] 55	[21] 293	2,250	166	.....	.....	.....	.....	.....	.....	.....	[27] 1.24	49

[15] 22 employees receive also bonus of $2 per month if they work 20 days during the month.
[16] Also share in profits.
[17] Not reported.
[18] Two employees receive also bonus of $2 per month if they work 20 days during the month.
[19] Hours reported for 6 employees only.
[20] Hours reported for 2,252 employees only.
[21] Ten employees share in the profits,
[22] Hours reported for 15 employees only.
[23] Boys.
[24] Hours reported for 11 employees only.
[25] Including 5 boys
[26] Hours reported for 2,269 employees only.
[27] See notes to details.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Cane loaders and cutters	25	M.	Chinese	6	60	60	60
2		2	M.	Hawaiian	6	60	60	60
3		5	M.	Japanese	7	70	70	70
4		1,164	M.	do	6	54	60	59.5
5		30	F.	do	6	60	60	60
6		6	M.	Korean	7	70	70	70
7		53	M.	do	6	60	60	60
8		5	M.	Porto Rican	7	70	70	70
9		65	M.	do	6	60	60	60
10		20	M.	Portuguese	6	54	60	59.7
11		15	M.	Spanish	6	60	60	60
12	Total	1,390			6	54	70	59.7
13	Cane weighers	8	M.	American	6	58.5	72	67.2
14		1	M.	Canadian	6	60	60	60
15		2	M.	Dutch	6	72	72	72
16		2	M.	English	6	60	60	60
17		2	M.	Filipino	6	60	60	60
18		3	M.	German	6	72	72	72
19		14	M.	Hawaiian	6	59.5	72	66
20		1	M.	Part-Hawaiian	6	60	60	60
21		6	M.	Japanese	6	62	72	69.2
22		21	M.	Portuguese	6	58.5	72	65.9
23		[4]1	M.	do	6	72	72	72
24		6	M.	Scotch	6	59	60	59.8
25		2	M.	Spanish	6	72	72	72
26	Total	[5]69			6	58.5	72	66
27	Carpenters	13	M.	American	6	59	72	60.8
28		1	M.	Canadian	6	60	60	60
29		8	M.	Chinese	6	59	60	59.7
30		1	M.	English	6	60	60	60
31		1	M.	Filipino	6	60	60	60
32		3	M.	German	6	60	60	60
33		18	M.	Hawaiian	6	58.5	66	60
34		1	M.	Part-Hawaiian	6	60	60	60
35		191	M.	Japanese	6	[9]54	[9]66	[9]60.2
36		1	M.	Porto Rican	6	60	60	60
37		39	M.	Portuguese	6	58.5	66	60
38		2	M.	Spanish	6	60	60	60
39		1	M.	Welsh	6	60	60	60
40	Total	280			6	[10]54	[10]72	[10]60.2
41	Carpenters' helpers	7	M.	American	6	59	60	60
42		15	M.	Chinese	6	60	60	60
43		1	M.	Filipino	6	60	60	60
44		1	M.	German	6	60	60	60
45		7	M.	Hawaiian	6	60	60	60
46		404	M.	Japanese	6	[12]54	[12]65	[12]60.2
47		3	M.	Porto Rican	6	59.5	60	59.7
48		18	M.	Portuguese	6	58.5	66	60.8
49		2	M.	Spanish	6	59	60	59.5
50	Total	458			6	[13]54	[13]66	[13]60.2
51	Cashiers	2	M.	American	6	54	57	55.5
52		2	M.	English	6	54	60	57
53		1	M.	Part-Hawaiian	6	72	72	72
54	Total	5			6	54	72	59.4

[1] Also share in profits.
[2] 16 employees also share in profits.
[3] 1 employee receives bonus of $2 per month if he works 20 days per month.
[4] Boy.
[5] Including 1 boy.
[6] See notes to details.
[7] And board.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	15	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.75	1
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.10	2
.....	.....	[1]5	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].79	3
.....	121	103	940	.....	.....	.....	.....	.....	.....	.....	.....	.98	4
.....	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	1.00	5
.....	.....	[1]6	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].79	6
.....	21	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.88	7
.....	.....	[1]5	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].79	8
.....	.....	40	25	.....	.....	.....	.....	.....	.....	.....	.....	.96	9
.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	10
.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	11
.....	157	[2]206	1,027	.....	.....	.....	.....	.....	.....	.....	.....	[2].97	12
.....	.....	.....	1	3	2	2	.....	.....	.....	.....	.....	2.07	13
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	14
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.92	15
.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2.30	16
.....	[3]2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].71	17
.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1.50	18
.....	.....	2	9	3	.....	.....	.....	.....	.....	.....	.....	1.24	19
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	20
.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.96	21
.....	.....	2	9	9	1	.....	.....	.....	.....	.....	.....	1.41	22
.....	[4]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4].73	23
.....	.....	.....	.....	1	5	.....	.....	.....	.....	.....	.....	2.27	24
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.15	25
.....	[6]4	7	26	18	11	3	.....	.....	.....	.....	.....	[6]1.50	26
.....	.....	.....	.....	1	.....	2	.....	.....	1	6	3	4.36	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7.50	28
.....	.....	.....	3	4	1	.....	.....	.....	.....	.....	.....	1.51	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.00	30
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	31
.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	2.98	32
.....	.....	.....	8	4	4	.....	[7]2	.....	.....	.....	.....	[8]1.63	33
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.00	34
.....	.....	53	85	41	10	1	1	.....	.....	.....	.....	1.28	35
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.11	36
.....	1	2	15	7	5	2	3	2	2	.....	.....	1.86	37
.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1.34	38
.....	.....	.....	.....	.....	.....	.....	[7]1	.....	.....	.....	.....	[7]3.00	39
.....	1	56	112	59	22	6	[11]7	2	4	6	5	[11]1.60	40
.....	1	1	1	4	.....	.....	.....	.....	.....	.....	.....	1.32	41
.....	.....	.....	5	2	8	.....	.....	.....	.....	.....	.....	1.70	42
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	43
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	44
.....	.....	.....	6	1	.....	.....	.....	.....	.....	.....	.....	1.12	45
.....	8	159	212	22	3	.....	.....	.....	.....	.....	.....	1.02	46
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	47
.....	1	4	13	.....	.....	.....	.....	.....	.....	.....	.....	.99	48
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.92	49
.....	12	168	238	29	11	.....	.....	.....	.....	.....	.....	1.04	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7.99	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	11.52	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	8.95	54

[8] Two employees also receive board.
[9] Hours reported for 188 employees only.
[10] Hours reported for 277 employees only.
[11] Including 3 employees who receive also board.
[12] Hours reported for 403 employees only.
[13] Hours reported for 457 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Chauffeurs	2	M.	American	6	60	60	60
2		1	M.	Part-Hawaiian	6	60	60	60
3		1	M.	Japanese	6	60	60	60
4		1	M.	Portuguese	6	60	60	60
5	Total	5			6	60	60	60
6	Chemists	12	M.	American	6	57	72	64.7
7		2	M.	Austrian	6	60	72	66
8		1	M.	Canadian	6	60	60	60
9		1	M.	Dutch	7	84	84	84
10		3	M.	do	6	60	60	60
11		1	M.	English	6	60	60	60
12		2	M.	German	6	59	65	62
13		1	M.	Italian	6	60	60	60
14		1	M.	Japanese	6	[2]	[2]	[2]
15		1	M.	Norwegian	6	60	60	60
16		2	M.	Scotch	6	60	72	66
17	Total	27			6	[3]57	[3]84	[3]64.2
18	Chemists' assistants	3	M.	American	6	59.5	72	63.8
19		1	M.	Austrian	6	60	60	60
20		1	M.	English	6	72	72	72
21		2	M.	Hawaiian	6	72	72	72
22		3	M.	Japanese	6	60	72	68
23		1	M.	Portuguese	6	72	72	72
24	Total	11			6	59.5	72	67.6
25	Chemists' helpers	2	M.	American	6	59.5	72	65.8
26		4	M.	Chinese	7	84	84	84
27		3	M.	do	6	60	72	68
28		1	M.	Filipino	6	60	60	60
29		28	M.	Japanese	6	[4]59	[4]72	[4]69
30		[5]2	M.	do	6	71	72	71.5
31		1	F.	do	6	72	72	72
32		2	M.	Portuguese	6	66	72	69
33		[6]1	M.	do	6	72	72	72
34	Total	[7]44			[8]6.1	[9]59	[9]84	[9]70.2
35	Clerks, field	5	M.	American	6	54	60	58.7
36		8	M.	Japanese	6	54	72	62.3
37		2	M.	Portuguese	6	54	59.5	56.8
38	Total	15			6	54	72	60.3
39	Clerks, freight	5	M.	American	6	59.5	60	59.9
40		3	M.	Hawaiian	6	60	60	60
41		1	M.	Portuguese	6	60	60	60
42	Total	9			6	59.5	60	59.9
43	Clerks, mill	1	M.	American	6	57	57	57
44		1	M.	Japanese	6	60	60	60
45		1	M.	Portuguese	6	60	60	60
46	Total	3			6	57	60	59
47	Clerks, statistical	6	M.	American	6	56.5	60	57.2
48		1	M.	English	6	56.5	56.5	56.5
49	Total	7			6	56.5	60	57.1

[1] Not including 1 who is paid 25 cents per ton.
[2] Not reported.
[3] Hours reported for 26 employees only.
[4] Hours reported for 27 employees only.
[5] Boys.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	$2.50	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	2
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	3
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	4
.....	.....	.....	2	1	.....	2	.....	.....	.....	.....	.....	1.88	5
.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	8	[1]6.27	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6.52	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6.71	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	8.96	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5.75	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8.63	13
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	15
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	5.66	16
.....	.....	.....	1	.....	1	1	.....	.....	1	3	19	[1]6.30	17
.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	2.87	18
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	19
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	20
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.48	21
.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	1.22	22
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[2]77	23
1	1	2	2	2	2	.....	.....	1	.....	.....	.....	1.52	24
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	25
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.18	26
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.05	27
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	28
.....	4	16	8	.....	.....	.....	.....	.....	.....	.....	.....	.89	29
.....	[3]2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[5].60	30
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	31
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	32
.....	[4]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[6].69	33
1	[7]10	18	15	.....	.....	.....	.....	.....	.....	.....	.....	[7].87	34
.....	.....	.....	1	3	.....	.....	.....	.....	.....	1	.....	2.31	35
.....	.....	.....	6	2	.....	.....	.....	.....	.....	.....	.....	1.27	36
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.73	37
.....	.....	.....	7	7	.....	.....	.....	.....	.....	1	.....	1.67	38
.....	.....	.....	.....	1	.....	.....	1	2	1	.....	.....	3.43	39
.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	1.44	40
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	41
.....	.....	.....	2	2	1	.....	1	2	1	.....	.....	2.60	42
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.11	43
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	44
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	45
.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	1.42	46
.....	.....	.....	.....	.....	.....	1	2	1	1	1	.....	3.71	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.18	48
.....	.....	.....	.....	.....	.....	1	2	1	1	1	1	3.92	49

[3] Boy.
[4] Including 3 boys.
[5] Average.
[6] Hours reported for 43 employees.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Clerks, store	11	M.	American	6	60	72	64.1
2		5	M.	Chinese	6	60	72	67.2
3		2	M.	Hawaiian	6	72	72	72
4		1	M.	Hungarian	6	72	72	72
5		1	M.	Irish	6	72	72	72
6		78	M.	Japanese	6	60	72	65.7
7		1	F.	do	6	69	69	69
8		6	M.	Korean	6	60	72	66.5
9		4	M.	Porto Rican	6	63	72	67.5
10		33	M.	Portuguese	6	60	72	63.7
11		1	M.	Russian	6	60	60	60
12		1	M.	Spanish	6	72	72	72
13	Total	144			6	60	72	65.4
14	Clerks, sugar	3	M.	American	6	72	72	72
15		3	M.	German	6	60	72	64
16		1	M.	Hawaiian	6	72	72	72
17		1	M.	Japanese	6	71	71	71
18		1	M.	Mexican	6	72	72	72
19		3	M.	Portuguese	6	72	72	72
20		1	M.	Scotch	6	60	60	60
21	Total	13			6	60	72	69.2
22	Clerks, wharf	1	M.	Portuguese	6	60	60	60
23	Coachmen	1	M.	Japanese	7	70	70	70
24		1	M.	do	6	60	60	60
25		1	M.	Portuguese	7	70	70	70
26		1	M.	do	6	60	60	60
27	Total	4			[1]6.5	60	70	65
28	Coal passers	6	M.	Chinese	6	60	60	60
29	Contract cultivators	534	M.	do	6	[2]59	[2]63	[2]59.8
30		25	M.	do	5	50	50	50
31		18	M.	Hawaiian	6	60	60	60
32		[4]4	M.	do	6	60	60	60
33		5	F.	do	6	60	60	60
34		97	M.	Japanese	7	70	70	70
35		1	F.	do	7	70	70	70
36		5,179	M.	do	6	[6]59	[6]63	[6]60.1
37		88	F.	do	6	60	63	60.7
38		56	M.	Korean	7	70	70	70
39		856	M.	do	6	[9]59	[9]63	[9]60
40		110	M.	Porto Rican	6	59	63	60
41		[4]3	M.	do	6	60	60	60
42		4	F.	do	6	60	60	60
43		96	M.	Portuguese	6	59	63	60.4
44		[4]2	M.	do	6	60	60	60
45		18	F.	do	6	60	63	60.3
46		10	M.	Spanish	6	59	59	59
47	Total	[7]7,106			6	[10]50	[10]70	[10]60.2
48	Contractors, fill	20	M.	Japanese	6	60	60	60
49	Contractors, track	40	M.	do	6	72	72	72
50	Cooks	23	M.	Chinese	7	[7]42	[7]119	[7]75.4
51		4	M.	do	6	60	60	60
52		1	M.	Filipino	7	70	70	70

[1] Average.
[2] Hours reported for 484 employees only.
[3] Wages reported for 14 employees only.
[4] Boys.
[5] Also share in profits.
[6] Hours reported for 4,968 employees only.
[7] Wages reported for 5,084 employees only.
[8] Wages reported for 84 employees only.
[9] Hours reported for 850 employees only.
[10] Wages reported for 106 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	2	1	1	1	2	2	2	.....	.....	$2.93	1
.....	.....	1	.....	4	.....	.....	.....	.....	.....	.....	.....	1.52	2
.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1.54	3
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	4
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	5
.....	2	16	47	10	2	1	.....	.....	.....	.....	.....	1.19	6
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.38	7
.....	1	.....	3	2	.....	.....	.....	.....	.....	.....	.....	1.23	8
.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	1.12	9
.....	.....	6	17	5	1	4	.....	.....	.....	.....	.....	1.49	10
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	11
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	12
1	3	26	73	24	4	7	2	2	2	.....	.....	1.41	13
.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	2.43	14
.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	2.24	15
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	16
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	17
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	18
.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	1.42	19
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	20
.....	1	.....	2	5	1	2	2	.....	.....	.....	.....	1.94	21
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.10	22
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	23
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	24
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	25
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	26
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.25	27
.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	1.00	28
.....	2	351	181	.....	.....	.....	.....	.....	.....	.....	.....	.95	29
.....	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	1.30	30
.....	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].85	31
.....	.....	[4]4	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4].85	32
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	33
.....	.....	[5]97	.....	.....	.....	.....	.....	.....	.....	.....	.....	[5].79	34
.....	.....	[5]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[5].79	35
.....	442	3,129	1,513	.....	.....	.....	.....	.....	.....	.....	.....	[7].91	36
.....	21	41	22	.....	.....	.....	.....	.....	.....	.....	.....	[8].88	37
.....	.....	[5]56	.....	.....	.....	.....	.....	.....	.....	.....	.....	[5].79	38
.....	30	745	81	.....	.....	.....	.....	.....	.....	.....	.....	.87	39
.....	2	31	73	.....	.....	.....	.....	.....	.....	.....	.....	[10].99	40
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	41
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	42
.....	.....	39	56	.....	.....	.....	.....	.....	.....	.....	.....	[11]1.09	43
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	44
.....	5	9	4	.....	.....	.....	.....	.....	.....	.....	.....	.83	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[12]	46
.....	502	[14]4,529	1,957	.....	.....	.....	.....	.....	.....	.....	.....	[16].91	47
.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	1.00	48
.....	.....	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	1.45	49
[18]1	8	10	4	.....	.....	.....	.....	.....	.....	.....	.....	[19].81	50
.....	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	[17].04	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	52

[11] Wages reported for 95 employees only.
[12] Not reported.
[13] Including 9 boys.
[14] Hours reported for 6,839 employees only.
[15] Including 154 employees who also share profits.
[16] See notes to details.
[17] Hours reported for 21 employees only.
[18] Also receives additional pay from employees for whom he cooks.
[19] Including 1 employee who receives additional pay from employees for whom he cooks.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Cooks (concluded)	8	M.	Japanese	7	70	84	71.8
2		9	M	....do	6	60	60	60
3		8	F.	....do	7	70	84	75.5
4		5	F.	....do	6	59.5	59.5	59.5
5		2	M.	Korean	7	70	70	70
6	Total	60	....		[1] 6.7	[2] 42	[3] 119	[3] 70.0
7	Cooks' helpers	1	M.	Japanese	7	70	70	70
8	Dairymen	4	M.	....do	7	70	70	70
9		2	M.	....do	6	59	62	59.5
10		5	M.	Portuguese	7	56	70	61.6
11		3	M.	....do	6	59.5	60	59.8
12	Total	14	....		[1] 6.6	56	70	63.3
13	Ditch men	13	M.	Chinese	6	59	60	59.7
14		5	M.	Hawaiian	7	70	70	70
15		35	M.	....do	6	59	72	60.6
16		3	M.	Korean	6	60	60	60
17		23	M.	Japanese	7	69	84	70.4
18		270	M.	....do	6	59	72	60.3
19		12	F.	....do	6	60	60	60
20		1	M.	Porto Rican	6	72	72	72
21		9	M.	Portuguese	7	70	70	70
22		14	M.	....do	6	60	72	65.1
23		[4] 1	M.	....do	6	60	60	60
24	Total	[5] 386	....		[1] 6.1	59	84	61.5
25	Doctor	1	M.	American	6	60	60	60
26	Drivers, delivery wagon	21	M.	Japanese	6	59	72	63.9
27		9	M.	Portuguese	6	60	72	64.2
28	Total	30	....		6	59	72	64
29	Dynamo tenders	1	M.	American	6	72	72	72
30		2	M.	Chinese	7	70	70	70
31		1	M.	....do	6	72	72	72
32		1	M.	Hawaiian	7	84	84	84
33		17	M.	Japanese	7	70	84	80.7
34		5	M.	....do	6	62	72	68
35		1	M.	Portuguese	6	72	72	72
36	Total	28	....		[1] 6.7	62	84	76.9
37	Electricians	2	M.	American	6	59	59	59
38		1	M.	Japanese	6	60	60	60
39		2	M.	Portuguese	6	60	60	60
40		2	M.	Swiss	6	60	60	60
41	Total	7	....		6	59	60	59.7
42	Electricians' helpers	2	M.	American	6	72	72	72
43		2	M.	Chinese	7	84	84	84
44		1	M.	Hawaiian	7	84	84	84
45		1	M.	Part-Hawaiian	6	60	60	60
46		3	M.	Japanese	7	84	84	84
47		3	M.	....do	6	60	72	64
48		3	M.	Portuguese	6	60	60	60
49	Total	15	....		[1] 6.4	60	84	72
50	Engineers, chief	15	M.	American	6	[6] 60	[6] 72	[6] 65.2
51		1	M.	English	7	70	70	70
52		2	M.	....do	6	71	72	71.5
53		1	M.	French	6	72	72	72
54		2	M.	German	6	72	72	72
55		1	M.	Part-Hawaiian	6	60	60	60
56		5	M.	Scotch	6	65	72	69.4
57	Total	27	....		[1] 6	[7] 60	[7] 72	[7] 67.3

[1] Average.

[2] Hours reported for 58 employees only.

[3] Including 1 employee who receives additional pay from employees for whom he cooks.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.72	1
.....	2	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.89	2
4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.53	3
.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	4
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.72	5
[3]5	26	20	9	.....	.....	.....	.....	.....	.....	.....	.....	[3].76	6
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.49	7
.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.95	8
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.17	9
.....	.....	1	3	1	.....	.....	.....	.....	.....	.....	.....	1.15	10
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.04	11
.....	.....	3	10	1	.....	.....	.....	.....	.....	.....	.....	1.04	12
.....	.....	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.88	13
.....	.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	1.06	14
.....	4	4	27	.....	.....	.....	.....	.....	.....	.....	.....	.97	15
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.90	16
.....	2	10	11	.....	.....	.....	.....	.....	.....	.....	.....	.96	17
.....	6	159	105	.....	.....	.....	.....	.....	.....	.....	.....	.92	18
.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	19
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	20
.....	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.96	21
.....	.....	6	5	3	.....	.....	.....	.....	.....	.....	.....	1.13	22
.....	[4]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4].61	23
.....	[5]25	205	153	3	.....	.....	.....	.....	.....	.....	.....	[5].92	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7.67	25
.....	.....	14	5	2	.....	.....	.....	.....	.....	.....	.....	.98	26
.....	1	1	5	2	.....	.....	.....	.....	.....	.....	.....	1.17	27
.....	1	15	10	4	.....	.....	.....	.....	.....	.....	.....	1.04	28
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	29
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	30
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.55	31
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	32
.....	3	8	6	.....	.....	.....	.....	.....	.....	.....	.....	.98	33
.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	1.09	34
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	35
.....	4	10	13	1	.....	.....	.....	.....	.....	.....	.....	1.01	36
.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2.59	37
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	38
.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	2.88	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4.99	40
.....	.....	.....	1	.....	2	1	1	.....	.....	1	1	3.15	41
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.93	42
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	43
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	44
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	45
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.97	46
.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	1.14	47
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.95	48
.....	.....	7	6	2	.....	.....	.....	.....	.....	.....	.....	1.04	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	7.84	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6.58	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7.80	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8.63	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6.71	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8.63	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	6.52	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	7.52	57

[4] Boy.
[5] Including 1 boy.
[6] Hours reported for 14 employees only.
[7] Hours reported for 26 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Engineers, donkey engine	1	M.	American	6	59.5	59.5	59.5
2		1	M.	German	6	60	60	60
3		3	M.	Japanese	6	60	72	64
4		1	M.	Mexican	6	60	60	60
5		1	M.	Porto Rican	6	60	60	60
6		6	M.	Portuguese	6	58.5	72	63.4
7		2	M.	Scotch	6	60	60	60
8	Total	15	.....	.....	6	58.5	72	62.1
9	Engineers' helpers	1	M.	German	6	72	72	72
10		1	M.	Portuguese	6	72	72	72
11	Total	2	.....	.....	6	72	72	72
12	Engineers' helpers, locomotive	1	M.	American	6	72	72	72
13		1	M.	European	6	66	66	66
14		1	M.	Japanese	7	84	84	84
15		6	M.	.....do	6	60	72	70
16		2	M.	Portuguese	6	60	72	66
17	Total	11	.....	.....	[1] 6.1	60	84	70.4
18	Engineers' helpers, mill	2	M.	American	6	72	72	72
19		11	M.	Chinese	6	65	72	69
20		1	M.	German	6	72	72	72
21		1	M.	Hawaiian	7	84	84	84
22		3	M.	.....do	6	62	72	66.3
23		148	M.	Japanese	6	[2] 60	[2] 72	[2] 68.5
24		1	M.	Korean	6	65	65	65
25		1	M.	Portuguese	7	84	84	84
26		13	M.	.....do	6	60	72	68.7
27	Total	181	.....	.....	[1] 6	[3] 60	[3] 84	[3] 69.5
28	Engineers' helpers, pump	20	M.	Chinese	6	60	72	63.6
29		5	M.	Japanese	7	84	84	84
30		22	M.	.....do	6	60	72	60.7
31	Total	47	.....	.....	[1] 6.1	60	84	64.4
32	Engineers' helpers, steam plow	2	M.	American	6	60	60	60
33		27	M.	Japanese	6	59	72	61.4
34		2	M.	Portuguese	6	60	72	66
35	Total	31	.....	.....	6	59	72	61.6
36	Engineers, hoist, gasoline	2	M.	Hawaiian	6	59.5	59.5	59.5
37	Engineers, locomotive	20	M.	American	6	60	72	70.8
38		2	M.	Chinese	6	60	60	60
39		2	M.	German	6	60	60	60
40		2	M.	Hawaiian	7	65	84	74.5
41		14	M.	.....do	6	59	72	62.8
42		2	M.	Part-Hawaiian	6	60	60	60
43		3	M.	Japanese	7	65	70	68.3
44		10	M.	.....do	6	59	72	63.2
45		2	M.	Porto Rican	6	60	72	66
46		7	M.	Portuguese	7	65	84	73.1
47		37	M.	.....do	6	59.5	72	67.3
48		1	M.	Scotch	6	60	60	60
49	Total	102	.....	.....	[1] 6.1	59	84	67
50	Engineers, machine shop	10	M.	American	6	59	60	59.9
51		5	M.	Japanese	6	60	62	60.4
52		1	M.	Scotch	6	65	65	65
53	Total	16	.....	.....	6	59	65	60.4

[1] Average.
[2] Hours reported for 146 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
					1							$2.30	1
				1								1.53	2
		1	1	1								1.16	3
				1								1.53	4
			1									1.07	5
			4	2								1.41	6
						1	1					3.07	7
		1	6	5	1	1	1					1.63	8
			1									1.15	9
			1									1.34	10
			2									1.25	11
				1								1.53	12
			1									1.25	13
		1										.79	14
		5	1									.92	15
	1		1									.92	16
	1	6	3	1								1.00	17
				1				1				2.78	18
	2	5	4									.92	19
	1											.69	20
		1										.85	21
			2	1								1.17	22
	8	71	54	13	2							1.03	23
	1											.71	24
		1										.92	25
			9	4								1.29	26
	12	78	69	19	2			1				1.06	27
		14	4	2								.99	28
		4		1								1.02	29
		14	6	2								1.04	30
		32	10	5								1.02	31
			2									1.00	32
		18	9									.90	33
			1		1							1.75	34
		18	12		1							.96	35
			2									1.00	36
				9	3	3	1	3		1		2.53	37
			2									1.15	38
			1	1								1.54	39
			1			1						1.99	40
		1	3	7	2					1		1.81	41
				2								1.53	42
		1		1	1							1.65	43
			8	2								1.26	44
			1	1								1.54	45
			1	1	3	2						2.11	46
			9	15	8	4		1				1.88	47
							1					3.45	48
		2	26	39	17	10	2	4		2		1.93	49
		3		1			1	2			3	3.18	50
		3	2									1.03	51
								1				3.33	52
		6	2	1			1	3			3	2.55	53

[a] Hours reported for 179 employees only.

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TABLE VI.—OCCUPATION, RATES OF WAGES, HOURS OF LABOR, AND SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Engineers, mill	2	M.	American	7	78	78	78
2		12	M.	do	6	60	72	68.2
3		2	M.	Canadian	6	[1]60	[1]60	[1]60
4		2	M.	Chinese	6	72	72	72
5		3	M.	English	6	59	72	67.5
6		3	M.	German	6	65	72	69.7
7		1	M.	Guam Islander	6	60	60	60
8		1	M.	Hawaiian	7	84	84	84
9		2	M.	Japanese	6	65	72	68.5
10		3	M.	Portuguese	6	72	72	72
11		1	M.	Scotch	7	78	78	78
12		2	M.	do	6	60	72	66
13	Total	34			[2]6.3	[3]59	[3]84	[3]69.6
14	Engineers, mill, assistant	6	M.	American	6	59	72	69.8
15		1	M.	Austrian	6	72	72	72
16		1	M.	Chinese	7	78	78	78
17		1	M.	do	6	72	72	72
18		1	M.	English	6	72	72	72
19		1	M.	German	6	72	72	72
20		1	M.	Hawaiian	6	72	72	72
21		1	M.	Japanese	7	78	78	78
22		26	M.	do	6	[4]60	[4]72	[4]69.7
23		1	M.	Norwegian	6	71	71	71
24		11	M.	Portuguese	6	66	72	70.9
25		1	M.	Porto Rican	7	78	78	78
26		1	M.	Russian	6	72	72	72
27		3	M.	Scotch	6	60	66	62
28	Total	56			[2]6.1	[5]59	[5]78	[5]70.2
29	Engineers, pump	49	M.	American	7	84	84	84
30		1	M.	do	6	60	60	60
31		2	M.	Chinese	6	60	60	60
32		1	M.	German	7	84	84	84
33		4	M.	Hawaiian	7	84	84	84
34		4	M.	do	6	60	72	66
35		1	M.	Part-Hawaiian	7	84	84	84
36		8	M.	Japanese	7	84	84	84
37		12	M.	do	6	60	72	71
38		1	M.	Norwegian	7	84	84	84
39		9	M.	Portuguese	7	84	84	84
40		4	M.	do	6	72	72	72
41	Total	96			[2]6.8	60	84	80.4
42	Engineers, pump, assistant	1	M.	American	6	72	72	72
43		6	M.	Chinese	6	60	60	60
44		1	M.	Hawaiian	7	84	84	84
45		3	M.	do	6	60	72	68
46		9	M.	Japanese	7	84	84	84
47		3	M.	do	6	60	72	68
48		2	M.	Korean	7	84	84	84
49		1	M.	Portuguese	6	60	60	60
50	Total	26			[1]6.5	60	84	73.8
51	Engineers, pump, chief	1	M.	American	7	84	84	84
52		6	M.	do	6	59	72	63.8
53		1	M.	German	6	72	72	72
54		1	M.	Portuguese	6	60	60	60
55		1	M.	Scandinavian	6	72	72	72
56		1	M.	Swiss	6	59	59	59
57	Total	11			[2]6.1	59	84	66.4
58	Engineers, steam plow	2	M.	American	6	59	60	59.5
59		1	M.	English	6	66	66	66
60		2	M.	German	6	59	60	59.5
61		9	M.	Hawaiian	6	59.5	66	63.3
62		50	M.	Japanese	6	59.5	72	60.4
63		1	M.	Norwegian	6	59	59	59
64		1	M.	Porto Rican	6	66	66	66
65		25	M.	Portuguese	6	60	60	60
66	Total	91			6	59	72	60.6

[1] Hours reported for 1 employee only.
[2] Average.
[3] Hours reported for 33 employees only.
[4] Hours reported for 23 employees only

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	$4.93	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	10	6.54	2
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	5.27	3
.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	2.69	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	7.35	5
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2	5.11	6
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.45	7
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.97	8
.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	2.78	9
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	3.68	10
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.62	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6.23	12
.....	.....	.....	.....	3	1	2	2	3	1	3	19	5.29	13
.....	.....	.....	1	.....	.....	1	.....	1	.....	1	2	3.98	14
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.08	15
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	16
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	17
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	18
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	19
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	20
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	21
.....	.....	5	18	2	.....	.....	.....	.....	.....	1	.....	1.28	22
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	23
.....	.....	.....	2	2	4	1	2	.....	.....	.....	.....	2.20	24
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	25
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4.66	27
.....	.....	7	25	6	5	2	2	2	.....	5	2	1.98	28
.....	.....	.....	.....	19	11	10	2	2	3	1	1	2.59	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	30
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.73	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.11	32
.....	.....	.....	1	1	1	1	.....	.....	.....	.....	.....	1.91	33
.....	.....	.....	2	.....	1	.....	.....	1	.....	.....	.....	2.16	34
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.32	35
.....	.....	.....	6	1	1	.....	.....	.....	.....	.....	.....	1.40	36
.....	.....	.....	11	1	.....	.....	.....	.....	.....	.....	.....	1.28	37
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.96	38
.....	.....	.....	4	3	1	1	.....	.....	.....	.....	.....	1.76	39
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.25	40
.....	.....	.....	29	27	15	13	2	3	4	2	1	2.16	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	42
.....	.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	1.34	43
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	44
.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1.05	45
.....	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.88	46
.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	1.47	47
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	48
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	49
.....	1	12	7	5	.....	.....	.....	.....	.....	1	.....	1.26	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.60	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	9.99	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8.63	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.18	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	8	7.99	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	5.18	58
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.00	59
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	4.12	60
.....	.....	2	6	1	.....	.....	.....	.....	.....	.....	.....	1.08	61
.....	.....	1	46	1	1	1	.....	.....	.....	.....	.....	1.26	62
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	63
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.08	64
.....	.....	.....	13	9	1	2	.....	.....	.....	.....	.....	1.48	65
.....	.....	3	66	11	2	3	2	1	.....	2	1	1.49	66

[5] Hours reported for 53 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Engineers, steam plow, assistant	1	M.	German	6	60	60	60
2		2	M.	Hawaiian	6	60	60	60
3		19	M.	Japanese	6	59	60	59.5
4		9	M.	Portuguese	6	60	60	60
5	Total	31			6	59	60	59.7
6	Engineers, steam plow, chief	5	M.	American	6	60	60	60
7		2	M.	English	6	59	60	59.5
8		1	M.	German	6	60	60	60
9		3	M.	Japanese	6	60	60	60
10		1	M.	Portuguese	6	60	60	60
11		1	M.	Scandinavian	6	60	60	60
12	Total	13			6	59	60	59.9
13	Engineers, traction engine	1	M.	Hawaiian	6	60	60	60
14		1	M.	Japanese	6	62	62	62
15		1	M.	Porto Rican	6	62	62	62
16		3	M.	Portuguese	6	60	62	61.3
17	Total	6			6	60	62	61.3
18	Engineers, traction engine, assistant	1	M.	Korean	6	60	60	60
19		2	M.	Porto Rican	6	62	62	62
20		1	M.	Portuguese	6	60	60	60
21		[1] 6	M.	do	6	62	62	62
22	Total	[2] 10			6	60	62	61.6
23	Fence men	1	M.	Chinese	6	60	60	60
24		1	M.	German	6	60	60	60
25		13	M.	Hawaiian	6	48	60	59
26		29	M.	Japanese	6	[3] 59	[3] 62	[3] 59.8
27		1	M.	Polish	6	60	60	60
28		15	M.	Portuguese	6	60	60	60
29	Total	60			6	[4] 48	[4] 62	[4] 59.7
30	Field hands	10	M.	American	6	60	60	60
31		766	M.	Chinese	6	[5] 59	[5] 62	[5] 59.9
32		[1] 2	M.	do	6	60	60	60
33		16	M.	East Indian	6	59	60	59.4
34		1,396	M.	Filipino	6	59	62	60
35		[1] 5	M.	do	6	60	60	60
36		9	F.	do	6	59	60	59.9
37		[7] 2	F.	do	6	60	60	60
38		6	M.	German	6	60	60	60
39		243	M.	Hawaiian	6	[8] 58.5	[8] 62	[8] 60
40		[1] 17	M.	do	6	59	60	59.9
41		7	F.	do	6	60	60	60
42		7,568	M.	Japanese	6	[9] 58.5	[9] 62	[9] 59.8
43		[1] 10	M.	do	6	59	60	59.8
44		1,301	F.	do	6	[12] 58.5	[12] 62	[12] 59.8
45		587	M.	Korean	6	[14] 59	[14] 60	[14] 59.9
46		[1] 1	M.	do	6	59	59	59
47		12	F.	do	6	[15] 59	[15] 60	[15] 59.8

[1] Boys.
[2] Including 6 boys.
[3] Hours reported for 25 employees only.
[4] Hours reported for 56 employees only.
[5] Hours reported for 754 employees only.
[6] One employee receives a bonus of $2 per month if he works 20 days during the month.
[7] Girls.
[8] Hours reported for 232 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	$1.73	1
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1.05	2
.....	.....	.....	17	2	.....	.....	.....	.....	.....	.....	.....	1.08	3
.....	.....	1	6	2	.....	.....	.....	.....	.....	.....	.....	1.22	4
.....	.....	2	24	5	.....	.....	.....	.....	.....	.....	.....	1.14	5
.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	2	4.57	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5.74	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	8
.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	1.37	9
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	10
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	11
.....	.....	.....	2	1	.....	1	2	2	.....	1	4	3.91	12
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	13
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.99	14
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.23	15
.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	1.98	16
.....	.....	.....	1	3	2	.....	.....	.....	.....	.....	.....	1.82	17
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	18
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	19
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	20
.....	[1]6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].65	21
.....	[1]6	3	1	.....	.....	.....	.....	.....	.....	.....	.....	[2].74	22
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	23
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	24
.....	.....	4	9	.....	.....	.....	.....	.....	.....	.....	.....	1.05	25
1	6	20	2	.....	.....	.....	.....	.....	.....	.....	.....	.79	26
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	27
1	.....	4	10	.....	.....	.....	.....	.....	.....	.....	.....	.94	28
2	6	31	21	.....	.....	.....	.....	.....	.....	.....	.....	.88	29
.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.88	30
.....	637	99	30	.....	.....	.....	.....	.....	.....	.....	.....	.72	31
[1]2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].27	32
.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	33
.....	[6]1,379	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	[6].69	34
[1]5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].39	35
1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.53	36
[7]2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[7].42	37
.....	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.79	38
7	17	214	5	.....	.....	.....	.....	.....	.....	.....	.....	.84	39
[1]7	[1]6	[1]4	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].56	40
.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.52	41
26	6,240	[10]1,172	56	.....	.....	.....	.....	.....	.....	.....	.....	[11].71	42
[1]6	[1]4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].44	43
412	886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[13].52	44
1	427	159	.....	.....	.....	.....	.....	.....	.....	.....	.....	.73	45
[1]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].46	46
3	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.53	47

[9] Hours reported for 7,548 employees only.
[10] Including 17 employees who receive a bonus of $2 per month if they work 20 days during the month
[11] Including 17 employees who receive a bonus of $2 per month if they work 20 days during the month, but not including 74 pieceworkers whose daily rate of wages is not reported.
[12] Hours reported for 1,294 employees only.
[13] Not including 3 pieceworkers whose daily rate of wages is not reported.
[14] Hours reported for 566 employees only.
[15] Hours reported for 9 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Field hands (concluded)	668	M.	Porto Rican	6	58.5	60	59.8
2		[1] 25	M.	do	6	60	60	60
3		62	F.	do	6	[2] 60	[2] 62	[2] 60.2
4		[3] 9	F.	do	6	60	60	60
5		1,266	M.	Portuguese	6	[4] 58.5	[4] 62	[4] 59.9
6		[1] 68	M.	do	6	58.5	62	59.8
7		138	F.	do	6	[5] 58.5	[5] 62	[5] 59.9
8		[3] 52	F.	do	6	60	63	62.3
9		86	M.	Russian	6	60	63	60.2
10		14	F.	do	6	60	63	60.2
11		231	M.	Spanish	6	58.5	60	59.8
12		[1] 23	M.	do	6	58.5	60	59.5
13		42	F.	do	6	58.5	60	59.6
14		[3] 3	F.	do	6	59	60	59.3
15	Total	[6] 14,645	....	....	6	[7] 58.5	[7] 63	[7] 59.8
16	Firemen, locomotive	4	M.	American	6	72	72	72
17		1	M.	Chinese	6	60	60	60
18		1	M.	German	6	60	60	60
19		3	M.	Hawaiian	7	84	84	84
20		12	M.	do	6	60	72	63.9
21		2	M.	Japanese	7	65	70	67.5
22		11	M.	do	6	59	72	65.1
23		2	M.	Korean	6	59	59.5	59.3
24		3	M.	Porto Rican	6	66	72	70
25		6	M.	Portuguese	7	65	84	68.2
26		39	M.	do	[9] 6	59	82	68.2
27	Total	84	....	....	[10] 6.1	59	84	67.6
28	Firemen, mill	4	M.	Chinese	7	78	78	78
29		15	M.	do	6	72	72	72
30		1	M.	Filipino	6	62	62	62
31		19	M.	Japanese	7	78	84	80.5
32		221	M.	do	6	[11] 60	[11] 72	[11] 70.2
33		1	M.	Korean	7	78	78	78
34		4	M.	Portuguese	6	72	72	72
35	Total	265	....	....	[10] 6.1	[12] 60	[12] 84	[12] 71.2
36	Firemen, pump	14	M.	Chinese	7	84	84	84
37		14	M.	do	6	60	72	63.4
38		1	M.	Hawaiian	7	84	84	84
39		63	M.	Japanese	7	84	84	84
40		11	M.	do	6	60	72	65.5
41		1	M.	Korean	7	84	84	84
42		4	M.	Portuguese	7	84	84	84
43	Total	108	....	....	[10] 6.8	60	84	79.4
44	Firemen, steam plow	2	M.	Japanese	6	60	60	60
45		2	M.	Portuguese	6	60	60	60
46	Total	4	....	....	6	60	60	60
47	Flume men	1	M.	Chinese	7	84	84	84
48		21	M.	do	6	60	66	65.1
49		14	M.	Hawaiian	6	60	60	60
50		513	M.	Japanese	6	[13] 59	[13] 72	[13] 67.3
51		[14] 1	M.	do	6	60	60	60
52		12	F.	do	6	66	66	66
53		6	M.	Korean	6	65	65	65

[1] Boys.
[2] Hours reported for 61 employees only.
[3] Girls.
[4] Hours reported for 1,251 employees only.
[5] Hours reported for 133 employees only.
[6] Including 151 boys and 66 girls.
[7] Hours reported for 14,550 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
43	48	574	3	.....	.....	.....	.....	.....	.....	.....	.....	$0.81	1
[1]15	[1]10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.51	2
10	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	3
[3]5	[3]4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].48	4
141	101	969	55	.....	.....	.....	.....	.....	.....	.....	.....	.80	5
[1]58	[1]9	[1]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.42	6
41	97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.49	7
[3]19	[3]32	[3]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3].48	8
5	2	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	9
1	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.53	10
23	9	197	2	.....	.....	.....	.....	.....	.....	.....	.....	.83	11
[1]14	[1]9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.45	12
23	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.48	13
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.32	14
[8]874	[8][10]043	[8]3,500	151	.....	.....	.....	.....	.....	.....	.....	.....	[8].70	15
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.08	16
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	17
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	18
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.94	19
.....	.....	2	9	1	.....	.....	.....	.....	.....	.....	.....	1.04	20
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.86	21
.....	.....	4	7	.....	.....	.....	.....	.....	.....	.....	.....	.97	22
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	23
.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.87	24
.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	25
.....	.....	12	27	.....	.....	.....	.....	.....	.....	.....	.....	.99	26
.....	1	33	49	1	.....	.....	.....	.....	.....	.....	.....	.98	27
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	28
.....	.....	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.83	29
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	30
.....	.....	17	2	.....	.....	.....	.....	.....	.....	.....	.....	.90	31
.....	5	188	28	.....	.....	.....	.....	.....	.....	.....	.....	.86	32
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	33
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	34
.....	5	228	32	.....	.....	.....	.....	.....	.....	.....	.....	.86	35
.....	.....	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	1.00	36
.....	.....	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	1.02	37
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	38
.....	.....	9	54	.....	.....	.....	.....	.....	.....	.....	.....	.98	39
.....	.....	5	6	.....	.....	.....	.....	.....	.....	.....	.....	.95	40
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	41
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	42
.....	.....	19	89	.....	.....	.....	.....	.....	.....	.....	.....	.98	43
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	44
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	45
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.00	46
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	47
.....	2	1	18	.....	.....	.....	.....	.....	.....	.....	.....	1.18	48
.....	.....	10	4	.....	.....	.....	.....	.....	.....	.....	.....	.94	49
.....	79	217	216	1	.....	.....	.....	.....	.....	.....	.....	.98	50
.....	[14]1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[14].50	51
.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	1.32	52
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.71	53

[8] See notes to details.
[9] Including 3 employees who also work every third Sunday.
[10] Average.
[11] Hours reported for 216 employees only.
[12] Hours reported for 260 employees only.
[13] Hours reported for 512 employees only.
[14] Boy.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Flume men (concluded)	9	M.	Porto Rican	6	60	60	60
2		48	M.	Portuguese	6	59.5	60	60
3		[1] 1	M.	do	6	60	60	60
4	Total	[2] 626			6	[3] 59	[3] 84	[3] 66.4
5	Foremen, carpenters	6	M.	American	6	59	66	60.8
6		1	M.	Chinese	6	60	60	60
7		2	M.	Hawaiian	6	60	60	60
8		5	M.	Japanese	6	60	60	60
9		3	M.	Portuguese	6	60	60	60
10		1	M.	Scotch	6	60	60	60
11	Total	18			6	59	66	60.3
12	Foremen, ditch men	2	M.	American	7	70	70	70
13		2	M.	do	6	60	72	66
14		1	M.	Hawaiian	7	70	70	70
15		1	M.	do	6	60	60	60
16		10	M.	Japanese	6	60	60	60
17		1	M.	Portuguese	7	69	69	69
18		2	M.	do	6	60	60	60
19	Total	19			[4] 6.2	60	72	62.7
20	Foremen, firemen, mill	1	M.	German	6	71	71	71
21		1	M.	Hawaiian	7	78	78	78
22		3	M.	Japanese	6	60	72	67.7
23		1	M.	Portuguese	7	78	78	78
24	Total	6			[4] 6.3	60	78	71.7
25	Foremen, laborers, mill	1	M.	Part-Hawaiian	6	62	62	62
26		3	M.	Japanese	7	72	78	74
27		4	M.	do	6	60	72	68.8
28	Total	8			[4] 6.4	60	78	69.9
29	Foremen, laborers, railroad	1	M.	Chinese	6	66	66	66
30		11	M.	Japanese	6	59	60	59.9
31		1	M.	Portuguese	6	60	60	60
32	Total	13			6	59	66	60.4
33	Foremen, mill	2	M.	American	6	72	72	72
34		2	M.	Chinese	7	84	84	84
35		2	M.	do	6	72	72	72
36		5	M.	Japanese	6	[5] 72	[5] 72	[5] 72
37		2	M.	Portuguese	7	84	84	84
38		4	M.	do	6	72	72	72
39	Total	17			[4] 6.2	[6] 72	[6] 84	[6] 75
40	Foremen, stablemen	2	M.	American	7	70	84	77
41		4	M.	do	6	59.5	60	59.9
42		1	M.	Hawaiian	7	70	70	70
43		2	M.	do	6	60	60	60
44		7	M.	Japanese	7	[7] 70	[7] 70	[7] 70
45		9	M.	do	6	62	90	78.9
46		10	M.	Portuguese	7	[8] 70	[8] 84	[8] 73.1
47		4	M.	do	6	60	72	63
48		1	M.	Scotch	6	60	60	60
49		1	M.	Spanish	7	70	70	70
50	Total	41			[4] 6.5	[9] 59.5	[9] 90	[9] 72.4

[1] Boy.
[2] Including 2 boys.
[3] Hours reported for 625 employees only.
[4] Average.
[5] Hours reported for 4 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	1	4	4	.....	.....	.....	.....	.....	.....	.....	.....	$0.99	1
.....	7	36	5	.....	.....	.....	.....	.....	.....	.....	.....	.86	2
.....	[1] 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1] 1.54	3
.....	[2] 97	268	260	1	.....	.....	.....	.....	.....	.....	.....	[2] .98	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	4.97	5
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	6
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	3.67	7
.....	.....	.....	1	2	2	.....	.....	.....	.....	.....	.....	1.90	8
.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	2.56	9
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	10
.....	.....	.....	1	2	6	1	.....	2	1	3	2	3.27	11
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	4.85	12
.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	4.15	13
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.47	14
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	15
.....	9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.77	16
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.81	17
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.92	18
.....	9	.....	2	3	1	1	.....	1	1	.....	1	1.84	19
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.35	20
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.00	21
.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	1.30	22
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.14	23
.....	.....	1	2	.....	3	.....	.....	.....	.....	.....	.....	1.57	24
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	25
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.12	26
.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	1.39	27
.....	.....	.....	5	2	1	.....	.....	.....	.....	.....	.....	1.40	28
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	29
.....	.....	1	8	2	.....	.....	.....	.....	.....	.....	.....	1.19	30
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.99	31
.....	.....	1	8	4	.....	.....	.....	.....	.....	.....	.....	1.31	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5.94	33
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.35	34
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.34	35
.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	1.20	36
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	37
.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	1.32	38
.....	.....	1	13	1	.....	.....	.....	.....	.....	.....	2	1.80	39
.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1.56	40
.....	.....	.....	.....	.....	1	2	1	.....	.....	.....	.....	2.79	41
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	42
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2.09	43
.....	.....	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.99	44
.....	.....	1	8	.....	.....	.....	.....	.....	.....	.....	.....	1.14	45
.....	.....	1	7	1	.....	.....	.....	.....	.....	.....	1	1.75	46
.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	1.44	47
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	48
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.48	49
.....	.....	5	24	5	1	4	1	.....	.....	.....	1	1.57	50

[6] Hours reported for 16 employees only.
[7] Hours reported for 6 employees only.
[8] Hours reported for 9 employees only.
[9] Hours reported for 39 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Foremen, teamsters and cultivators...	8	M.	American.....	6	58.5	72	61
2		2	M.	German.....	6	60	60	60
3		1	M.	Hawaiian.....	7	62	62	62
4		9	M.	.....do.....	6	59	60	59.8
5		14	M.	Japanese.....	6	60	60	60
6		1	M.	Portuguese.....	7	62	62	62
7		12	M.	.....do.....	6	59	72	61.9
8		2	M.	Scotch.....	6	58.5	60	59.3
9		1	M.	Swedish.....	6	60	60	60
10	Total.....	50	.....	.....	6	58.5	72	60.6
11	Foremen, wharf.....	1	M.	American.....	6	60	60	60
12		1	M.	German.....	6	60	60	60
13		1	M.	Hawaiian.....	6	60	60	60
14	Total.....	3	.....	.....	6	60	60	60
15	Foresters.....	2	M.	Hawaiian.....	6	59.5	60	59.8
16		8	M.	Japanese.....	6	59	60	59.9
17		1	M.	Korean.....	6	63	63	63
18		1	M.	Norwegian.....	6	63	63	63
19		1	M.	Polish.....	6	60	60	60
20		1	M.	Portuguese.....	6	60	60	60
21	Total.....	14	.....	.....	6	59	63	60.3
22	Freight handlers.....	2	M.	Chinese.....	6	60	60	60
23		5	M.	Hawaiian.....	6	59.5	60	59.9
24		60	M.	Japanese.....	6	[1]59.5	[1]62	[1]60.1
25		10	M.	.....do.....	2	20	20	20
26		5	M.	Korean.....	6	60	60	60
27		13	M.	Porto Rican.....	6	59.5	60	60
28		14	M.	Portuguese.....	6	59.5	60	59.9
29		2	M.	Spanish.....	6	60	60	60
30	Total.....	111	.....	.....	[2]5.6	[3]20	[3]62	[3]54.9
31	Gardeners.....	1	M.	American.....	6	62	62	62
32		4	M.	Japanese.....	6	58.5	60	59.6
33		1	M.	Portuguese.....	6	60	60	60
34	Total.....	6	.....	.....	6	58.5	62	60.1
35	Harness makers.....	1	M.	American.....	6	59	59	59
36		2	M.	Austrian.....	6	60	60	60
37		1	M.	English.....	6	60	60	60
38		2	M.	Hawaiian.....	[4]6	[5]59.5	[5]59.5	[5]59.5
39		7	M.	Japanese.....	6	59.5	60	59.9
40		1	M.	Polish.....	6	60	60	60
41		10	M.	Portuguese.....	6	58.5	62	60
42		1	M.	Spanish.....	6	54	54	54
43	Total.....	25	.....	.....	[6]6	[7]54	62	[7]59.7
44	Health inspector.....	1	M.	American.....	6	72	72	72
45	Hospital stewards.....	7	M.	Japanese.....	7	[8]70	84	[8]81.7
46		6	M.	.....do.....	6	59.5	72	63.7
47		3	F.	.....do.....	7	[11]84	[11]84	[11]84
48		1	M.	Korean.....	6	72	72	72
49	Total.....	17	.....	.....	[2]6.6	[12]59.5	[12]84	[12]74.1
50	Interpreters.....	7	M.	Japanese.....	6	56.5	72	62.9
51		1	M.	Korean.....	7	70	70	70
52		1	M.	.....do.....	6	60	60	60
53	Total.....	9	.....	.....	[2]6.1	56.5	72	63.4
54	Janitor.....	1	F.	Japanese.....	7	70	70	70
55	Laborer, domestic.....	1	F.	.....do.....	7	(15)	(15)	(15)

[1] Hours reported for 28 employees only.
[2] Average.
[3] Hours reported for 79 employees only.
[4] Days reported for 1 employee only.
[5] Hours reported for 1 employee only.
[6] Days reported for 25 employees only.
[7] Hours reported for 25 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	2	1	2	3	.....	.....	.....	.....	$2.71	1
.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	3.46	2
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.97	3
.....	.....	.....	4	4	1	.....	.....	.....	.....	.....	.....	1.47	4
.....	.....	2	6	6	.....	.....	.....	.....	.....	.....	.....	1.39	5
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.81	6
.....	.....	.....	7	4	1	.....	.....	.....	.....	.....	.....	1.38	7
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	2.78	8
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	9
.....	.....	2	17	18	3	5	5	.....	.....	.....	.....	1.80	10
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	11
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	12
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	13
.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	1.92	14
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.87	15
.....	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.83	16
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	17
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	18
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	19
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.96	20
.....	6	5	2	.....	.....	1	.....	.....	.....	.....	.....	.99	21
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.73	22
.....	.....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.94	23
.....	.....	48	4	8	.....	.....	.....	.....	.....	.....	.....	.94	24
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	2.64	25
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	26
.....	.....	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.92	27
.....	.....	11	2	1	.....	.....	.....	.....	.....	.....	.....	.98	28
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	29
.....	1	83	9	9	.....	10	.....	.....	.....	.....	.....	1.09	30
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	31
.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.83	32
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	33
.....	.....	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.87	34
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	35
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.10	36
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.50	37
.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1.58	38
.....	.....	1	6	.....	.....	.....	.....	.....	.....	.....	.....	1.11	39
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	40
.....	.....	1	8	1	.....	.....	.....	.....	.....	.....	.....	1.18	41
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	42
.....	.....	3	18	2	1	1	.....	.....	.....	.....	.....	1.24	43
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.08	44
[9] 2	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	[10] .85	45
.....	.....	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.87	46
[9] 1	[9] 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	[10] .61	47
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	48
[9] 3	[13] 3	8	3	.....	.....	.....	.....	.....	.....	.....	.....	[14] .81	49
.....	.....	.....	1	.....	1	4	1	.....	.....	.....	.....	2.57	50
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.82	51
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.38	52
1	.....	1	1	.....	1	4	1	.....	.....	.....	.....	2.13	53
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.27	54
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.46	55

[8] Hours reported for 6 employees only.
[9] Also board.
[10] Including 2 who receive also board.
[11] Hours reported for 2 employees only.
[12] Hours reported for 15 employees only.
[13] Including 1 who receives also board.
[14] Including 4 who receive also board.
[15] Not reported.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Laborers, general	1	M.	American	6	60	60	60
2		43	M.	Chinese	6	54	60	58.6
3		274	M.	Filipino	6	55	60	59.8
4		[2] 3	M.	do	6	59.5	60	59.8
5		13	F.	do	6	59.5	60	59.9
6		2	M.	German	6	59	60	59.5
7		72	M.	Hawaiian	6	55	60	58.9
8		[2] 8	M.	do	6	60	60	60
9		6	F.	do	6	55	60	56.7
10		2	M.	Hindu	6	59.5	59.5	59.5
11		1,087	M.	Japanese	6	[3] 55	[3] 60	[3] 59.6
12		[2] 16	M.	do	6	59.5	60	59.5
13		339	F.	do	6	55	60	59.8
14		134	M.	Korean	6	55	60	59.8
15		6	F.	do	6	59.5	60	59.8
16		221	M.	Porto Rican	6	55	60	58.9
17		[2] 15	M.	do	6	59.5	60	59.9
18		[4] 21	F.	do	6	59.5	59.5	59.5
19		213	M.	Portuguese	6	[5] 55	[5] 60	[5] 57.9
20		[2] 142	M.	do	6	59.5	60	59.9
21		23	F.	do	6	55	60	59.6
22		[4] 18	F.	do	6	59.5	60	59.7
23		62	M.	Spanish	6	59.5	60	59.5
24		[2] 29	M.	do	6	59.5	60	59.7
25		8	F.	do	6	59.5	59.5	59.5
26		[4] 15	F.	do	6	59.5	60	59.7
27	Total	[6] 2,773			6	[7] 54	[7] 60	[7] 59.8
28	Laborers, mill	[1] 1	M.	American	7	78	78	78
29		4	M.	Austrian	6	72	72	72
30		21	M.	Chinese	7	78	78	78
31		123	M.	do	6	65	72	70.9
32		6	M.	Filipino	7	78	78	78
33		28	M.	do	6	62	72	68.6
34		[1] 1	M.	German	7	78	78	78
35		3	M.	do	6	72	72	72
36		15	M.	Hawaiian	7	78	78	78
37		13	M.	do	6	62	72	69.2
38		179	M.	Japanese	7	78	84	79.9
39		1,913	M.	do	6	[10]60	[10]72	[10]70
40		17	F.	do	6	58.5	72	68.7
41		7	M.	Korean	7	78	78	78
42		25	M.	do	6	65	72	69.5
43		4	M.	Porto Rican	7	78	78	78
44		[1] 1	M.	do	7	78	78	78
45		9	M.	do	6	66	72	67.3
46		9	M.	Portuguese	7	78	84	80
47		78	M.	do	6	58.5	72	71.6
48		1	F.	do	6	72	72	72
49	Total	[11] 2,458			[12] 6.1	[13] 58.5	[13] 84	[13] 71
50	Laborers, portable track	2	M.	Hawaiian	6	60	60	60
51		202	M.	Japanese	6	60	60	60
52		21	F.	do	6	60	60	60
53		1	M.	Porto Rican	6	60	60	60
54		4	M.	Portuguese	6	60	60	60
55	Total	230			6	60	60	60

[1] Boy.
[2] Boys.
[3] Hours reported for 1,077 employees only.
[4] Girls.
[5] Hours reported for 212 employees only.
[6] Including 213 boys and 54 girls.
[7] Hours reported for 2,762 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
[11]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[11]$0.38	1
.....	21	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.75	2
.....	227	46	1	.....	.....	.....	.....	.....	.....	.....	.....	.71	3
1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	4
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.46	5
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1.16	6
.....	10	50	12	.....	.....	.....	.....	.....	.....	.....	.....	.86	7
3	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.59	8
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	9
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	10
8	562	344	173	.....	.....	.....	.....	.....	.....	.....	.....	.80	11
1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	12
169	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	13
.....	74	48	12	.....	.....	.....	.....	.....	.....	.....	.....	.76	14
3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	15
.....	2	219	.....	.....	.....	.....	.....	.....	.....	.....	.....	.87	16
9	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.45	17
6	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.51	18
5	26	158	24	.....	.....	.....	.....	.....	.....	.....	.....	.85	19
45	85	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	20
.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	21
11	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.43	22
.....	.....	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.91	23
9	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.52	24
.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	25
10	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.44	26
290	1,293	963	223	.....	.....	.....	.....	.....	.....	.....	.....	.73	27
.....	[11]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].66	28
.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.96	29
.....	18	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.71	30
.....	11	93	19	.....	.....	.....	.....	.....	.....	.....	.....	.87	31
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	32
.....	[8]8	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	[9].81	33
.....	.....	[11]	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].82	34
1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.56	35
.....	1	11	3	.....	.....	.....	.....	.....	.....	.....	.....	.87	36
.....	1	7	5	.....	.....	.....	.....	.....	.....	.....	.....	.88	37
.....	58	88	33	.....	.....	.....	.....	.....	.....	.....	.....	.84	38
.....	85	1,658	170	.....	.....	.....	.....	.....	.....	.....	.....	.85	39
4	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.51	40
.....	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	41
.....	3	18	4	.....	.....	.....	.....	.....	.....	.....	.....	.85	42
.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.76	43
.....	[11]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1].53	44
.....	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.86	45
.....	1	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.86	46
1	3	51	23	.....	.....	.....	.....	.....	.....	.....	.....	.92	47
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	48
6	[14]216	1,974	262	.....	.....	.....	.....	.....	.....	.....	.....	[14].85	49
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.05	50
.....	1	36	165	.....	.....	.....	.....	.....	.....	.....	.....	1.08	51
.....	.....	.....	21	.....	.....	.....	.....	.....	.....	.....	.....	1.05	52
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	53
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.00	54
.....	1	37	192	.....	.....	.....	.....	.....	.....	.....	.....	1.07	55

[8] Receive also a bonus of $2 per month if they work 20 days during the month.
[9] Including eight employees who receive also a bonus of $2 per month if they work 20 days during the month.
[10] Hours reported for 1,905 employees only.
[11] Including 3 boys.
[12] Average.
[13] Hours reported for 2,450 employees only.
[14] See notes to details.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Laborers, pump	18	M.	Japanese	7	83	84	83.7
2		8	M.	Chinese	6	72	72	72
3		1	M.	Hawaiian	6	72	72	72
4		53	M.	Japanese	6	60	72	67.6
5		3	M.	Portuguese	6	60	60	60
6	Total	83			[1] 6.2	60	84	71.3
7	Laborers, railroad	18	M.	Hawaiian	6	59	60	59.6
8		221	M.	Japanese	6	59	60	59.5
9		15	F.	....do	6	60	60	60
10		20	M.	Portuguese	6	60	60	60
11	Total	274			6	59	60	59.9
12	Laborers, road	10	M.	Japanese	6	60	60	60
13	Laborers, steam plow	1	M.	Australian	6	59	59	59
14		1	M.	Chinese	6	66	66	66
15		3	M.	Filipino	6	60	60	60
16		3	M.	Hawaiian	6	60	60	60
17		123	M.	Japanese	6	59	66	60.1
18		1	F.	....do	6	59	59	59
19		9	M.	Porto Rican	6	60	66	64.7
20		46	M.	Portuguese	6	60	66	60.4
21	Total	187			6	59	66	60.4
22	Land clearers	12	M.	Japanese	6	60	60	60
23		3	M.	Chinese	6	60	60	60
24		2	M.	Porto Rican	6	60	60	60
25		4	M.	Portuguese	6	60	60	60
26	Total	21			6	60	60	60
27	Laundress	1	F.	Japanese	6	59	59	59
28	Lawyer	1	M.	American	[2]	[2]	[2]	[2]
29	Lime burners	10	M.	Japanese	6	60	72	69.6
30		5	M.	....do	7	84	84	84
31		1	M.	Korean	6	72	72	72
32		4	M.	Portuguese	6	72	72	72
33	Total	20			[1] 6.3	60	84	73.8
34	Machinists	15	M.	American	6	59	72	61.4
35		2	M.	Chinese	6	60	72	66
36		1	M.	English	6	59	59	59
37		1	M.	German	6	60	60	60
38		2	M.	Hawaiian	6	59.5	60	59.8
39		1	M.	Part-Hawaiian	6	60	60	60
40		5	M.	Japanese	6	59	72	61.9
41		6	M.	Portuguese	6	59.5	72	63.3
42		1	M.	Scotch	6	60	60	60
43	Total	34			6	59	72	61.8
44	Machinists' apprentice	1	M.	American	6	60	60	60
45	Machinists' helpers	11	M.	American	6	59	72	62.5
46		1	M.	Austrian	6	60	60	60
47		2	M.	Chinese	6	59	72	65.5
48		1	M.	Filipino	6	66	66	66
49		1	M.	German	6	72	72	72
50		4	M.	Hawaiian	6	60	60	60
51		37	M.	Japanese	6	[4] 58.5	[4] 72	[4] 61.6
52		2	M.	Korean	6	59	59	59
53		16	M.	Portuguese	6	59	72	61
54	Total	75			6	[5] 58.5	[5] 72	[5] 61.7

[1] Average. [2] Including 1 employee who also shares in profits. [3] Irregular.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	2	11	4	1	.....	.....	.....	.....	.....	.....	.....	$0.90	1
.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	2
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	3
.....	2	42	9	.....	.....	.....	.....	.....	.....	.....	.....	.89	4
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.87	5
.....	4	64	14	1	.....	.....	.....	.....	.....	.....	.....	.89	6
.....	.....	14	4	.....	.....	.....	.....	.....	.....	.....	.....	.89	7
.....	15	[3] 170	35	1	.....	.....	.....	.....	.....	.....	.....	[3] .90	8
10	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.51	9
.....	1	14	5	.....	.....	.....	.....	.....	.....	.....	.....	.92	10
10	16	[3] 203	44	1	.....	.....	.....	.....	.....	.....	.....	[3] .88	11
.....	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.87	12
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	13
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	14
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	15
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.85	16
.....	8	112	3	.....	.....	.....	.....	.....	.....	.....	.....	.84	17
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.46	18
.....	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	19
2	6	35	3	.....	.....	.....	.....	.....	.....	.....	.....	.84	20
3	16	159	9	.....	.....	.....	.....	.....	.....	.....	.....	.84	21
.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	1.00	22
.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.87	23
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	24
.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.97	25
.....	2	4	15	.....	.....	.....	.....	.....	.....	.....	.....	.96	26
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.46	27
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	28
.....	.....	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.98	29
.....	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.91	30
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.73	31
.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	1.54	32
.....	1	5	10	4	.....	.....	.....	.....	.....	.....	.....	1.06	33
.....	.....	.....	.....	.....	1	2	2	.....	.....	5	5	4.33	34
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2.31	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.00	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.00	37
.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	2.85	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	39
.....	.....	.....	1	1	1	1	1	.....	.....	.....	.....	2.13	40
.....	.....	.....	1	1	3	.....	1	.....	.....	.....	.....	2.18	41
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3.83	42
.....	.....	.....	2	3	5	5	5	1	1	5	7	3.46	43
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.75	44
.....	.....	6	4	1	.....	.....	.....	.....	.....	.....	.....	1.05	45
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.25	46
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.64	47
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	48
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	49
.....	1	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.08	50
.....	.....	20	12	5	.....	.....	.....	.....	.....	.....	.....	1.03	51
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.96	52
.....	5	2	5	2	2	.....	.....	.....	.....	.....	.....	1.13	53
.....	7	30	26	10	2	.....	.....	.....	.....	.....	.....	1.07	54

[4] Hours reported for 34 employees only.

[5] Hours reported for 72 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Manager	1	M.	American	6	60	60	60
2	Masons	6	M.	do	6	60	72	66
3		2	M.	German	6	59	60	59.5
4		22	M.	Japanese	6	59	66	61.1
5		2	M.	Porto Rican	6	60	60	60
6		17	M.	Portuguese	6	58.5	72	61.5
7		1	M.	Spanish	6	60	60	60
8	Total	50			6	58.5	72	61.7
9	Masons' helpers	1	M.	American	6	59	59	59
10		1	M.	German	6	60	60	60
11		3	M.	Hawaiian	6	60	60	60
12		59	M.	Japanese	6	59	66	61.9
13		1	F.	do	6	66	66	66
14		1	M.	Porto Rican	6	60	60	60
15		19	M.	Portuguese	6	58.5	62	59.7
16		1	M.	Spanish	6	60	60	60
17	Total	86			6	58.5	66	61.3
18	Mail boy	1	M.	Japanese	7	70	70	70
19	Nurses, day nursery	2	M.	do	6	60	60	60
20		4	F.	do	6	60	60	60
21	Total	6			6	60	60	60
22	Nurses, hospital	1	M.	American	6	60	60	60
23		4	F.	do	6	60	72	66
24		1	F.	Hawaiian	7	84	84	84
25		2	F.	do	6	60	72	66
26		7	M.	Japanese	6	59	72	63.3
27		4	M.	do	7	70	84	73.5
28		3	F.	do	6	59	60	59.7
29		5	F.	do	7	70	84	72.8
30		1	F.	Portuguese	7	84	84	84
31	Total	28			[1] 6.4	59	84	68
32	Office boys	9	M.	Japanese	6	58.5	72	61.2
33		1	F.	do	6	60	60	60
34		3	M.	Portuguese	6	56.5	72	62.8
35	Total	13			6	56.5	72	61.5
36	Office cleaners	2	F.	Japanese	6	6	24	15
37	Oilers, car	2	M.	Chinese	6	59.5	60	59.8
38		2	M.	Filipino	6	72	72	72
39		2	M.	Hawaiian	6	60	60	60
40		4	M.	Japanese	7	70	70	70
41		14	M.	do	6	59.5	72	63.8
42		7	M.	Portuguese	6	60	66	61.7
43	Total	31			[1] 6.1	59.5	72	64.2
44	Oilers, centrifugal	2	M.	Japanese	6	72	72	72
45	Oilers, mill	2	M.	Chinese	6	59	59	59
46		1	M.	Hawaiian	7	78	78	78
47		8	M.	Japanese	7	78	84	81
48		62	M.	do	6	[2] 65	[2] 72	[2] 70.6
49		2	M.	Porto Rican	7	78	78	78
50		5	M.	Portuguese	6	72	72	72
51	Total	80			[1] 6.1	[3] 59	[3] 84	[3] 71.7
52	Oilers, pump	3	M.	Chinese	7	84	84	84
53		10	M.	do	6	60	60	60
54		1	M.	German	7	84	84	84

[1] Average.

[2] Hours reported for 61 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
											1	$7.67	1
			1	1			4					2.33	2
								1	1			3.92	3
		2	14	3	2	1						1.35	4
			2									1.00	5
		2	2	9	1	1		2				1.84	6
					1							2.11	7
		4	19	13	4	2	4	3	1			1.74	8
	1											.58	9
		1										.92	10
		3										.87	11
	5	44	10									.85	12
	1											.58	13
		1										.34	14
		17	2									.92	15
			1									1.00	16
	7	66	13									.86	17
		1										.79	18
			1	1								1.34	19
	4											.58	20
	4		1	1								.83	21
						1						2.88	22
				2	1	1						2.21	23
1												.33	24
1						1						1.64	25
			5	2								1.18	26
	2	1	1									.88	27
	3											.58	28
4	1											.47	29
1												.46	30
7	6	1	6	4	1	3						1.13	31
1	1	6	1									.84	32
1												.29	33
			1	2								1.40	34
2	1	6	2	2								.93	35
2												.34	36
		2										.92	37
		2										.79	38
		1	1									1.09	39
		4										.92	40
	1	9	4									.86	41
		4	3									.97	42
	1	22	8									.91	43
		2										.94	44
		2										.85	45
			1									1.32	46
		3	5									.98	47
	1	42	19									.90	48
		2										.89	49
		2	1	2								1.21	50
	1	51	26	2								.93	51
		2	1									.89	52
		10										.84	53
				1								1.54	54

[3] Hours reported for 79 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Oilers, pump (concluded)	1	M.	Hawaiian	7	84	84	84
2		1	M.	do	6	60	60	60
3		24	M.	Japanese	7	84	84	84
4		21	M.	do	6	60	72	65.1
5		4	M.	Portuguese	6	60	60	60
6	Total	65			[1] 6.4	60	84	72.4
7	Overseers	96	M.	American	6	[2] 58	[2] 60	[2] 59.8
8		1	M.	Canadian	6	59.5	59.5	59.5
9		11	M.	Chinese	6	59	60	59.8
10		1	M.	Danish	6	59.5	59.5	59.5
11		19	M.	English	6	59	60	59.8
12		1	M.	French	6	60	60	60
13		29	M.	German	6	59	60	59.8
14		1	M.	Guam Islander	6	60	60	60
15		1	M.	Hawaiian	7	84	84	84
16		62	M.	do	6	59	72	60.2
17		9	M.	Part-Hawaiian	6	60	62	60.4
18		1	M.	Irish	6	59	59	59
19		1	M.	Italian	6	60	60	60
20		1	M.	Japanese	7	84	84	84
21		82	M.	do	6	59	62	59.9
22		1	M.	Korean	6	60	60	60
23		4	M.	Norwegian	6	59	60	59.3
24		1	M.	Polish	6	59	59	59
25		3	M.	Porto Rican	6	59	60	59.7
26		182	M.	Portuguese	6	59	62	59.9
27		29	M.	Scotch	6	60	72	60.4
28		1	M.	Swedish	6	60	60	60
29	Total	537			6	[3] 58	[3] 84	[3] 60.1
30	Overseers, assistant	9	M.	American	6	58	60	59.1
31		5	M.	Chinese	6	[4] 59.5	[4] 60	[4] 59.9
32		3	M.	Filipino	6	60	60	60
33		1	M.	Galician	6	60	60	60
34		2	M.	German	0	59.5	60	59.8
35		22	M.	Hawaiian	6	59.5	60	59.9
36		62	M.	Japanese	6	59	62	59.9
37		1	M.	Norwegian	6	60	60	60
38		4	M.	Porto Rican	6	60	60	60
39		72	M.	Portuguese	6	[5] 58	[5] 60	[5] 59.9
40		1	M.	Russian	6	60	60	60
41		1	M.	Scandinavian	6	60	60	60
42		3	M.	Scotch	6	58	60	58.7
43		1	M.	Spanish	6	60	60	60
44		1	M.	Swedish	6	60	60	60
45	Total	188			6	[6] 58	[6] 62	[6] 59.8
46	Overseers, division	3	M.	American	6	59	59	59
47	Overseers, field	11	M.	American	6	60	60	60
48		1	M.	German	6	60	60	60
49		1	M.	Hawaiian	6	60	60	60
50		6	M.	Japanese	6	60	60	60
51		1	M.	Norwegian	6	60	60	60
52		10	M.	Portuguese	6	60	60	60
53	Total	30			6	60	60	60
54	Overseers, head	30	M.	American	6	59	72	61.9
55		3	M.	Canadian	6	60	60	60
56		3	M.	English	6	59.5	62	60.5
57		1	M.	do	1	(7)	(7)	(7)
58		1	M.	French	1	(7)	(7)	(7)
59		14	M.	German	6	42	60	57.4
60		1	M.	Part-Hawaiian	6	60	60	60
61		1	M.	Irish	6	59	59	59

[1] Average.
[2] Hours reported for 94 employees only.
[3] Hours reported for 535 employees only.
[4] Hours reported for 4 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	$1.15	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	2
.....	8	3	13	.....	.....	.....	.....	.....	.....	.....	.....	.91	3
.....	.....	15	6	.....	.....	.....	.....	.....	.....	.....	.....	.88	4
.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.96	5
.....	8	32	24	1	.....	.....	.....	.....	.....	.....	.....	.91	6
.....	.....	.....	5	21	23	12	6	13	5	4	7	3.01	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	8
.....	.....	.....	5	5	1	.....	.....	.....	.....	.....	.....	1.46	9
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.49	10
.....	.....	.....	1	.....	5	5	6	.....	.....	1	1	2.96	11
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	12
.....	.....	.....	.....	6	9	2	5	4	2	1	.....	2.83	13
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.11	14
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	15
.....	.....	.....	27	24	8	2	.....	1	.....	.....	.....	1.65	16
.....	.....	.....	.....	2	4	2	.....	.....	.....	.....	1	2.64	17
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.07	18
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	19
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	20
.....	.....	12	42	26	2	.....	.....	.....	.....	.....	.....	1.25	21
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	22
.....	.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	2.35	23
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	24
.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	1.79	25
.....	.....	1	51	85	32	8	5	.....	.....	.....	.....	1.78	26
.....	.....	.....	.....	.....	12	6	5	3	.....	1	2	3.00	27
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.49	28
.....	.....	15	133	172	104	38	28	21	7	7	12	2.03	29
.....	.....	.....	1	3	4	1	.....	.....	.....	.....	.....	2.06	30
.....	.....	1	3	.....	1	.....	.....	.....	.....	.....	.....	1.30	31
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.89	32
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	33
.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2.40	34
.....	.....	1	14	6	.....	.....	1	.....	.....	.....	.....	1.35	35
.....	.....	12	42	7	1	.....	.....	.....	.....	.....	.....	1.17	36
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.49	37
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.39	38
.....	.....	2	30	33	6	1	.....	.....	.....	.....	.....	1.54	39
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	40
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.88	41
.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	2.55	42
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	43
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.49	44
.....	.....	18	97	49	19	4	1	.....	.....	.....	.....	1.44	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	4.41	46
.....	.....	.....	.....	1	3	4	1	2	.....	.....	.....	2.71	47
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.45	48
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	49
.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	1.18	50
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.45	51
.....	.....	.....	7	3	.....	.....	.....	.....	.....	.....	.....	1.32	52
.....	.....	.....	13	5	5	4	1	2	.....	.....	.....	1.88	53
.....	.....	.....	.....	.....	.....	.....	.....	1	2	4	23	7.01	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6.33	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	7.03	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	9.58	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	58
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	11	6.82	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.75	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6.71	61

[5] Hours reported for 69 employees only.
[6] Hours reported for 184 employees only.
[7] Not reported.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Overseers, head (concluded)	1	M.	Russian	6	60	60	60
2		1	M.	Scandinavian	6	60	60	60
3		8	M.	Scotch	6	59	60	59.8
4	Total	64			[1] 5.8	[2] 42	[2] 72	[2] 60.3
5	Overseers, portable track	1	M.	American	6	59	59	59
6		1	M.	English	6	59	59	59
7		1	M.	Portuguese	6	59	59	59
8	Total	3			6	59	59	59
9	Overseer, railroad laborers	1	M.	Japanese	6	59	59	59
10	Overseers, ranch	3	M.	American	6	60	60	60
11		5	M.	Hawaiian	6	60	60	60
12		2	M.	Portuguese	6	60	60	60
13	Total	10			6	60	60	60
14	Overseers, steam plow	1	M.	Hawaiian	6	60	60	60
15		2	M.	Japanese	6	59.5	60	59.8
16		1	M.	Norwegian	6	60	60	60
17		2	M.	Portuguese	6	60	66	63
18	Total	6			6	59.5	66	60.9
19	Painters	1	M.	American	6	66	66	66
20		6	M.	Chinese	6	59	62	60.2
21		1	M.	English	6	60	60	60
22		2	M.	Filipino	6	59	66	62.5
23		7	M.	Hawaiian	6	59.5	66	60.7
24		13	M.	Japanese	6	59	66	61.7
25		3	M.	Portuguese	6	60	60	60
26	Total	33			6	59	66	61.2
27	Painters' helpers	2	M.	Hawaiian	6	60	60	60
28	Parasite tenders	1	M.	American	6	60	60	60
29		9	M.	Japanese	6	59.5	60	59.8
30	Total	10			6	59.5	60	59.8
31	Physicians	3	M.	American	7	[3]	[3]	[3]
32		1	M.	do	6	60	60	60
33		2	M.	Canadian	7	[3]	[3]	[3]
34		1	M.	German	[4] 3	[3]	[3]	[3]
35		1	M.	Scotch	7	[3]	[3]	[3]
36	Total	8			[1] 6.4	[5] 60	[5] 60	[5] 60
37	Pipe fitters	6	M.	Japanese	6	60	72	64
38		1	M.	Portuguese	6	59.5	59.5	59.5
39	Total	7			6	59.5	72	63.4
40	Pipe fitters' helpers	1	M.	Italian	6	60	60	60
41		2	M.	Japanese	6	59	60	59.5
42	Total	3			6	59	60	59.8
43	Pipe fitter, mill	1	M.	Portuguese	6	59	59	59
44	Pipe fitters and plumbers	4	M.	American	6	59.5	63	61.4
45		1	M.	Chinese	7	84	84	84
46		2	M.	do	6	59.5	63	61.3
47		2	M.	Japanese	6	59	60	59.5
48		1	M.	Portuguese	6	60	60	60
49	Total	10			[1] 6.1	59	84	63.1

[1] Average. [2] Hours reported for 62 employees only. [3] Irregular.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
											1	$6.71	1
											1	6.71	2
										2	6	5.95	3
						1		1	2	9	51	6.79	4
					1							2.49	5
						1						2.68	6
					1							2.49	7
					2	1						2.55	8
				1								1.53	9
								1			2	5.17	10
			2	2		1						1.73	11
			1	1								1.55	12
			3	3		1		1			2	2.73	13
				1								1.73	14
				1	1							1.77	15
											1	5.37	16
			1						1			2.83	17
			1	2	1				1		1	2.72	18
							1					3.00	19
		3		3								1.23	20
							1					3.00	21
		1	1									.96	22
		3		2	1	1						1.47	23
		4	9									1.03	24
			2		1							1.33	25
		11	12	5	2	1	2					1.30	26
			2									1.25	27
				1								1.92	28
	3	6										.75	29
	3	6		1								.87	30
									1		2	5.48	31
											1	10.62	32
											2	6.33	33
											1	6.03	34
											1	5.75	35
									1		7	6.44	36
			5		1							1.28	37
			1									1.00	38
			6		1							1.24	39
			1									1.00	40
		2										.81	41
		2	1									.87	42
					1							2.12	43
				1	1	1		1				2.50	44
			1									1.05	45
			1	1								1.43	46
			1	1								1.45	47
				1								1.53	48
			3	4	1	1		1				1.83	49

[4] And special calls.

[5] Hours reported for 1 employee only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Policemen	4	M.	American	7	[1] 70	[1] 84	[1] 74.7
2		4	M.	do	6	60	60	60
3		1	M.	Chinese	7	70	70	70
4		1	M.	German	7	70	70	70
5		2	M.	do	6	60	60	60
6		5	M.	Hawaiian	7	[2] 70	[2] 84	[2] 80.5
7		3	M.	do	6	60	72	68
8		1	M.	Portuguese	7	84	84	84
9		1	M.	do	6	72	72	72
10		1	M.	Scotch	6	60	60	60
11	Total	23			[3] 6.5	[4] 60	[4] 84	[4] 69.8
12	Printer	1	M.	Chinese	6	59	59	59
13	Pump men	1	M.	Hawaiian	7	84	84	84
14		27	M.	Japanese	7	84	84	84
15		5	M.	do	6	72	72	72
16		4	M.	Portuguese	6	60	60	60
17	Total	37			[3] 6.8	60	84	79.8
18	Ram men	2	M.	Japanese	6	59	59	59
19	Ranchmen	1	M.	American	7	70	70	70
20		1	M.	Hawaiian	7	70	70	70
21		15	M.	do	6	54	60	58.8
22		5	M.	do	3	30	30	30
23		3	M.	Japanese	6	60	60	60
24		2	M.	Portuguese	7	65	65	65
25		4	M.	do	6	60	60	60
26		2	M.	Scandinavian	6	60	60	60
27	Total	33			[3] 5.7	30	70	55.8
28	Repair men, pump	7	M.	Japanese	6	60	60	60
29	Reservoir men	2	M.	Chinese	6	60	60	60
30		2	M.	Hawaiian	7	84	84	84
31		41	M.	Japanese	7	69	84	71.3
32		67	M.	do	6	[5] 59	[5] 62	[5] 60
33		4	M.	Korean	6	60	60	60
34		1	M.	Portuguese	7	84	84	84
35		2	M.	do	6	60	60	60
36	Total	119			[3] 6.4	[6] 59	[6] 84	[6] 65
37	Sanitary inspectors	1	M.	American	3	30	30	30
38		1	M.	English	6	59.5	59.5	59.5
39	Total	2			[3] 4.5	30	59.5	44.8
40	School-teachers	1	[10]	American	[10]	[10]	[10]	[10]
41		2	M.	German	6	24	24	24
42		9	M.	Japanese	[11] 6	[12] 30	[12] 60	[12] 38
43	Total	12			[15] 6	[16] 24	[16] 60	[16] 34.5
44	Shaft diggers	30	M.	Japanese	6	48	48	48

[1] Hours reported for 3 employees only.
[2] Hours reported for 4 employees only.
[3] Average.
[4] Hours reported for 21 employees only.
[5] Also board.
[6] Including 6 employees who receive also board.
[7] Including 24 employees who share also in profits.
[8] Hours reported for 66 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	1	1	.....	1	.....	1	.....	.....	$2.88	1
.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	2.84	2
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	3
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.96	4
.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	2.23	5
1	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	2.21	6
.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	1.79	7
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.64	8
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	9
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2.30	10
1	.....	1	3	3	6	3	5	.....	1	.....	.....	2.30	11
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	12
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99	13
.....	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....	1.00	14
.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	1.20	15
.....	.....	2	.....	1	.....	1	.....	.....	.....	.....	.....	1.53	16
.....	.....	3	32	1	.....	1	.....	.....	.....	.....	.....	1.08	17
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.25	18
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.07	19
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	20
.....	[6]6	3	3	3	.....	.....	.....	.....	.....	.....	.....	[6].92	21
.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	3.06	22
.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.74	23
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.76	24
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.88	25
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.20	26
.....	[6]8	11	6	3	.....	.....	.....	5	.....	.....	.....	[6]1.23	27
.....	.....	.....	5	2	.....	.....	.....	.....	.....	.....	.....	1.28	28
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	29
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.15	30
.....	4	[7]33	4	.....	.....	.....	.....	.....	.....	.....	.....	[7].80	31
.....	.....	5	61	1	.....	.....	.....	.....	.....	.....	.....	1.05	32
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.00	33
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	34
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1.06	35
.....	4	[7]39	75	1	.....	.....	.....	.....	.....	.....	.....	[7].96	36
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.06	37
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.07	38
.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	3.07	39
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.38	40
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.96	41
1	1	4	[13]3	.....	.....	.....	.....	.....	.....	.....	.....	[14].99	42
2	1	6	[13]3	.....	.....	.....	.....	.....	.....	.....	.....	[14].93	43
.....	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	1.00	44

[9] Hours reported for 118 employees only.
[10] Not reported.
[11] Days reported for 6 employees only.
[12] Hours reported for 6 employees only.
[13] One-half of salary paid by parents of children.
[14] Including 3 employees one-half of whose salary is paid by parents of children.
[15] Days reported for 8 employees only.
[16] Hours reported for 8 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Sheep herders	1	M.	Chinese	7	70	70	70
2		3	M.	Japanese	7	70	70	70
3		3	M.	.....do	6	59.5	62	60.5
4		1	F.	.....do	7	70	70	70
5		1	M.	Portuguese	7	70	70	70
6	Total	9	....		[1] 6.7	59.5	70	66.8
7	Soda-water department hands	4	M.	Japanese	6	59.5	59.5	59.5
8	Stablemen	1	M.	American	7	84	84	84
9		2	M.	.....do	6	60	66	63
10		2	M.	Austrian	6	60	60	60
11		2	M.	Chinese	7	70	70	70
12		8	M.	.....do	6	60	60	60
13		1	M.	Hawaiian	7	70	70	70
14		4	M.	.....do	6	59	66	61.3
15		114	M.	Japanese	7	[2] 65	[2] 84	[2] 74.1
16		11	M.	.....do	6.3	72	84	75.3
17		102	M.	.....do	6	59	72	61.6
18		1	F.	.....do	6	59	59	59
19		3	M.	Korean	7	74	74	74
20		4	M.	Porto Rican	7	70	70	70
21		11	M.	Portuguese	7	70	84	71.5
22		16	M.	.....do	6	60	72	63.8
23	Total	282	....		[1] 6.5	[3] 59	[3] 84	[3] 67.7
24	Steerers, steam plow	4	M.	Hawaiian	6	59.5	66	61.4
25		41	M.	Japanese	6	59	66	60.1
26		1	M.	Korean	6	60	60	60
27		1	M.	Porto Rican	6	60	60	60
28		20	M.	Portuguese	6	60	66	60.3
29		1	M.	Spanish	6	60	60	60
30	Total	68	....		6	59	66	60.2
31	Stenographers	6	M.	American	6	54	60	57.9
32		1	F.	....do	6	60	60	60
33		1	M.	Scotch	6	60	60	60
34	Total	8	....		6	54	60	58.4
35	Steward	1	M.	Chinese	6	60	60	60
36	Stock herders	1	M.	Hawaiian	7	70	70	70
37		5	M.	....do	6	60	60	60
38		1	M.	Japanese	7	84	84	84
39		4	M.	Portuguese	6	60	60	60
40	Total	11	....		[1] 6.2	60	84	63.1
41	Stockmen	1	M.	American	6	62	62	62
42		1	M.	Hawaiian	6	59	59	59
43		1	M.	Japanese	6	60	60	60
44	Total	3	....		6	59	62	60.3
45	Storekeepers	15	M.	American	6	60	72	64.6
46		1	M.	Chinese	6	72	72	72
47		2	M.	English	6	60	66	63
48		1	M.	Hawaiian	6	62	62	62
49		6	M.	Japanese	6	60	72	68
50		1	M.	Norwegian	6	72	72	72
51		2	M.	Portuguese	6	60	72	66
52		7	M.	Scotch	6	60	72	65.1
53	Total	35	....		6	60	72	65.6

[1] Average.

[2] Hours reported for 99 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.66	1
.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.72	2
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.97	3
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.39	4
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.62	5
1	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.75	6
.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1.07	7
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	8
.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	2.40	9
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	10
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.15	11
.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	1.04	12
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.90	13
.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.83	14
.....	31	67	16	.....	.....	.....	.....	.....	.....	.....	.....	.83	15
.....	.....	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.82	16
.....	11	62	28	1	.....	.....	.....	.....	.....	.....	.....	.89	17
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.46	18
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.72	19
.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.73	20
.....	1	4	4	1	1	.....	.....	.....	.....	.....	.....	1.12	21
.....	1	6	9	.....	.....	.....	.....	.....	.....	.....	.....	.98	22
1	51	158	68	2	1	.....	.....	1	.....	.....	.....	.89	23
.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	1.00	24
.....	.....	30	11	.....	.....	.....	.....	.....	.....	.....	.....	.94	25
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	26
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	27
.....	.....	9	11	.....	.....	.....	.....	.....	.....	.....	.....	.99	28
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.84	29
.....	.....	41	27	.....	.....	.....	.....	.....	.....	.....	.....	.96	30
.....	.....	.....	.....	.....	.....	.....	2	2	1	1	.....	3.87	31
.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2.70	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.83	33
.....	.....	.....	.....	.....	.....	1	2	3	1	1	.....	3.72	34
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.96	35
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	36
.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.95	37
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.76	38
.....	1	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.90	39
.....	1	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.91	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4.79	41
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	42
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	43
.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	2.35	44
.....	.....	.....	.....	.....	.....	.....	.....	3	1	1	10	5.96	45
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6.04	47
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	48
.....	.....	.....	5	1	.....	.....	.....	.....	.....	.....	.....	1.34	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6.71	50
.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2.03	51
.....	.....	.....	.....	.....	.....	.....	2	1	.....	2	2	4.68	52
.....	.....	.....	6	3	.....	1	2	4	1	3	15	4.48	53

[1] Hours reported for 267 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Storekeepers' assistants	2	M.	American	6	72	72	72
2		1	M.	Chinese	6	60	60	60
3		15	M.	Japanese	6	60	69	60.6
4		1	M.	Korean	6	60	60	60
5		5	M.	Portuguese	6	60	72	62.4
6		1	M.	Scotch	6	72	72	72
7	Total	25			6	60	72	62.3
8	Sugar boilers	2	M.	American	7	84	84	84
9		16	M.	do	6	60	72	69.5
10		6	M.	Chinese	6	60	72	67.8
11		1	M.	English	7	84	84	84
12		1	M.	German	7	78	78	78
13		7	M.	do	6	60	72	67.5
14		6	M.	Hawaiian	6	72	72	72
15		1	M.	Japanese	7	84	84	84
16		2	M.	do	6	65	72	68.5
17		7	M.	Portuguese	6	60	72	69.3
18		1	M.	Scotch	7	78	78	78
19		2	M.	do	[1]6	[2]66	[2]66	[2]66
20		1	M.	Welsh	6	72	72	72
21	Total	53			[4]6.1	[5]60	[5]84	[5]70.7
22	Sugar boilers, assistant	1	M.	American	7	79	79	79
23		1	M.	do	6	72	72	72
24		[7]1	M.	do	6	72	72	72
25		4	M.	Chinese	7	84	84	84
26		24	M.	do	6	60	72	67.6
27		1	M.	German	7	78	78	78
28		2	M.	Hawaiian	6	66	72	69
29		5	M.	Japanese	7	78	84	80.4
30		52	M.	do	6	[8]60	[8]72	[8]68.7
31		1	M.	Portuguese	7	78	78	78
32		4	M.	do	6	72	72	72
33	Total	[9]96			[10]6.1	[8]60	[8]84	[8]72.4
34	Sugar boiler and bookkeeper	1	M.	American	6	66	66	66
35	Sugar boilers and chemists	1	M.	do	6	72	72	72
36		1	M.	Danish	6	72	72	72
37		1	M.	Dutch	6	72	72	72
38		1	M.	German	6	72	72	72
39	Total	4			6	72	72	72
40	Sugar boilers' helpers	2	M.	American	7	79	79	79
41		4	M.	Chinese	7	79	79	79
42		33	M.	Japanese	7	79	79	79
43		1	M.	Portuguese	7	79	79	79
44	Total	40			7	79	79	79
45	Superintendent	1	M.	German	6	59	59	59
46	Surveyors	9	M.	American	6	60	72	62.7
47		1	M.	German	6	60	60	60
48		3	M.	Japanese	6	[11]59.5	[11]60	[11]59.8
49		1	M.	Portuguese	6	60	60	60
50	Total	14			6	[12]59.5	[12]72	[12]66.4

[1] Days reported for 1 employee only.
[2] Hours reported for 1 employee only.
[3] Wages reported for 1 employee only.
[4] Average; days reported for 52 employees only.
[5] Hours reported for 52 employees only.
[6] Wages reported for 52 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
				1		1						$2.40	1
				1								1.61	2
		6	6	2	1							1.15	3
		1										.96	4
		1	2		1	1						1.70	5
						1						2.68	6
		8	8	4	2	3						1.43	7
										1	1	6.25	8
						1				2	13	6.17	9
				1	1	3				1		2.88	10
										1		4.93	11
											1	8.22	12
									1	2	4	5.57	13
				1				1		2	2	4.38	14
					1							2.14	15
				1			1					2.40	16
					2	1	2	1			1	3.30	17
										1		4.77	18
								1				[8] 3.83	19
											1	7.67	20
				3	4	5	3	3	1	10	23	[6] 4.87	21
									1			4.11	22
			1									1.15	23
		[7] 1										[7] .84	24
	1		1	2								1.27	25
		3	14	6	1							1.28	26
				1								1.97	27
			2									1.00	28
		2	3									1.18	29
		5	34	10	3							1.21	30
					1							2.47	31
			1	1		2						2.06	32
	1	[9] 11	56	20	5	2			1			[9] 1.31	33
											1	6.71	34
											1	6.71	35
											1	7.03	36
											1	7.67	37
											1	7.03	38
											4	7.11	39
				1	1							1.84	40
			4									1.00	41
		28	5									.86	42
				1								1.54	43
		28	9	2	1							.94	44
											1	9.58	45
									1	3	5	6.90	46
										1		4.79	47
			1	1			1					1.96	48
										1		4.79	49
			1	1			1		1	5	5	5.54	50

[7] Boy.
[8] Hours reported for 49 employees only.
[9] Including 1 boy.
[10] Average.
[11] Hours reported for 2 employees only.
[12] Hours reported for 13 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Surveyors' assistants	1	M.	Chinese	6	60	60	60
2		1	M.	Hawaiian	6	60	60	60
3		1	M.	Part-Hawaiian	6	60	60	60
4		3	M.	Japanese	6	60	60	60
5		1	M.	Portuguese	6	60	60	60
6	Total	7	.....	.....	6	60	60	60
7	Surveyors' helpers	2	M.	Hawaiian	6	60	60	60
8		2	M.	Part-Hawaiian	6	60	60	60
9		11	M.	Japanese	6	60	60	60
10		2	M.	Portuguese	6	60	60	60
11	Total	17	.....	.....	6	60	60	60
12	Swampers	3	M.	Hawaiian	6	54	54	54
13		4	M.	Japanese	6	59	62	59.8
14		2	M.	Porto Rican	6	54	54	54
15		15	M.	Portuguese	6	54	60	54.4
16	Total	24	.....	.....	6	54	62	55.2
17	Teachers, kindergarten	1	F.	American	6	30	30	30
18		1	F.	do	5	20	20	20
19		1	F.	Hawaiian	6	30	30	30
20		1	M.	Japanese	6	30	30	30
21		1	M.	do	5	20	20	20
22		2	F.	Portuguese	6	30	30	30
23		1	F.	do	5	20	20	20
24	Total	8	.....	.....	[1] 5.6	20	30	26.3
25	Teamsters	8	M.	Hawaiian	6	54	54	54
26	Teamsters and cultivators	9	M.	American	6	60	60	60
27		12	M.	Chinese	6	[2] 60	[2] 60	[2] 60
28		248	M.	Hawaiian	6	[3] 54	[3] 60	[3] 59.1
29		1,063	M.	Japanese	6	[4] 54	[4] 60	[4] 59.7
30		7	M.	Korean	6	[5] 60	[5] 60	[5] 60.0
31		73	M.	Porto Rican	6	54	60	59.3
32		542	M.	Portuguese	6	[6] 54	[6] 62	[6] 59.1
33		17	M.	Spanish	6	59	60	59.9
34	Total	1,971	.....	.....	6	[7] 54	[7] 62	[7] 59.4
35	Teamsters' and cultivators' helpers	1	M.	German	6	60	60	60
36		[8] 13	M.	Hawaiian	6	60	60	60
37		6	M.	Porto Rican	6	60	60	60
38		12	M.	Portuguese	6	60	60	60
39		[3] 10	M.	do	6	60	60	60
40	Total	[10] 42	.....	.....	6	60	60	60
41	Telephone-exchange operators	1	M.	Hawaiian	6	72	72	72
42		1	M.	Portuguese	6	72	72	72
43	Total	2	.....	.....	6	72	72	72
44	Timekeepers	16	M.	American	6	59	72	59.4
45		1	M.	Austrian	6	60	60	60
46		5	M.	English	6	59.5	62	60.3
47		5	M.	German	6	60	72	64.8
48		6	M.	Hawaiian	6	60	72	64
49		2	M.	Norwegian	6	60	72	66
50		2	M.	Portuguese	6	59	72	65.5
51		9	M.	Scotch	6	60	60	60
52	Total	46	.....	.....	6	59	72	61.3

[1] Average.
[2] Hours reported for 11 employees only.
[3] Hours reported for 242 employees only.
[4] Hours reported for 1,029 employees only.
[5] Hours reported for 6 employees only.
[6] Hours reported for 534 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	$1.50	1
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	2
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	3
.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	1.78	4
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	5
.....	.....	.....	2	4	1	.....	.....	.....	.....	.....	.....	1.63	6
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.08	7
.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.17	8
.....	.....	6	5	.....	.....	.....	.....	.....	.....	.....	.....	.93	9
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	10
.....	1	6	9	1	.....	.....	.....	.....	.....	.....	.....	.98	11
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.67	12
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.78	13
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.92	14
.....	5	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	15
.....	8	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.77	16
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.50	17
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3.45	18
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.12	19
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.55	20
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.57	21
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.55	22
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	23
1	4	.....	.....	1	.....	1	1	.....	.....	.....	.....	1.24	24
.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	1.00	25
.....	.....	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.90	26
.....	.....	4	8	.....	.....	.....	.....	.....	.....	.....	.....	.96	27
.....	6	138	104	.....	.....	.....	.....	.....	.....	.....	.....	.91	28
.....	29	807	227	.....	.....	.....	.....	.....	.....	.....	.....	.87	29
.....	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	30
.....	.....	55	18	.....	.....	.....	.....	.....	.....	.....	.....	.94	31
.....	10	165	367	.....	.....	.....	.....	.....	.....	.....	.....	.98	32
.....	.....	[7]	10	.....	.....	.....	.....	.....	.....	.....	.....	.95	33
.....	46	1,189	736	.....	.....	.....	.....	.....	.....	.....	.....	.91	34
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58	35
.....	[8] 13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[8] .54	36
.....	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.82	37
1	9	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.64	38
[9] 1	[8] 9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[8] .61	39
[11] 2	[12] 33	6	1	.....	.....	.....	.....	.....	.....	.....	.....	[10] .63	40
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	41
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	42
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	43
.....	.....	.....	.....	.....	.....	3	3	6	2	1	1	3.74	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5.37	45
.....	.....	.....	.....	.....	1	1	1	2	.....	.....	.....	3.15	46
.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	1	4.64	47
.....	.....	.....	.....	1	3	.....	2	.....	.....	.....	.....	2.56	48
.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2.59	49
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2.40	50
.....	.....	.....	.....	.....	1	2	3	3	.....	.....	.....	3.19	51
.....	.....	.....	.....	2	6	8	10	12	2	3	3	3.44	52

[7] Hours reported for 1,921 employees only.
[8] Boys.
[9] Boy.
[10] Including 23 boys.
[11] Including 1 boy.
[12] Including 22 boys.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Trash balers	6	M.	Japanese	6	72	72	72
2		4	F.	do	6	72	72	72
3	Total	10			6	72	72	72
4	Waiter	1	M.	Japanese	6	60	60	60
5	Warehousemen	1	M.	Canadian	6	60	60	60
6		3	M.	Chinese	6	60	72	68
7		2	M.	Hawaiian	6	60	60	60
8		15	M.	Japanese	6	59	62	60
9		1	M.	Part-Hawaiian	6	60	60	60
10		5	M.	Portuguese	6	59.5	60	59.8
11	Total	27			6	59	72	60.9
12	Watchmen	3	M.	American	7	72	84	80
13		1	M.	do	6	60	60	60
14		2	M.	Austrian	7	70	84	77
15		4	M.	Chinese	7	84	84	84
16		2	M.	English	6	72	72	72
17		1	M.	Galician	7	84	84	84
18		1	M.	German	7	70	70	70
19		2	M.	do	6	72	72	72
20		3	M.	Hawaiian	7	84	84	84
21		26	M.	Japanese	7	[1] 70	[1] 84	[1] 77.6
22		2	M.	do	6	60	72	66
23		2	M.	Norwegian	7	[2] 84	[2] 84	[2] 84
24		22	M.	Portuguese	7	70	91	76.5
25		1	M.	do	6	60	60	60
26		2	M.	Spanish	7	84	84	84
27	Total	74			[3] 6.9	[4] 60	[4] 91	[4] 78.1
28	Water foremen	4	M.	American	6	59	59	59
29		2	M.	Portuguese	6	59	59	59
30	Total	6			6	59	59	59
31	Water tenders, mill	2	M.	American	7	84	84	84
32		1	M.	Chinese	7	84	84	84
33		3	M.	do	6	72	72	72
34		1	M.	Filipino	6	62	62	62
35		7	M.	Japanese	7	78	84	80.6
36		29	M.	do	6	60	72	68.5
37		2	M.	Portuguese	7	84	84	84
38		1	M.	do	6	72	72	72.2
39	Total	46			[3] 6.3	60	84	72.1
40	Water tenders, pump	12	M.	Chinese	7	84	84	84
41		14	M.	Japanese	7	84	84	84
42		1	M.	do	6	72	72	72
43	Total	27			[3] 7	72	84	83.6
44	Water tenders, steam plow	12	M.	Japanese	6	60	60	60
45		7	M.	Portuguese	6	60	60	60
46	Total	19			6	60	60	60

[1] Hours reported for 25 employees only.

[2] Hours reported for 1 employee only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Continued.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$0.54	1
.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	2
.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.52	3
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69	4
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2.68	5
.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1.10	6
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	7
.....	.....	9	5	1	.....	.....	.....	.....	.....	.....	.....	.97	8
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.34	9
.....	.....	3	1	1	.....	.....	.....	.....	.....	.....	.....	1.06	10
.....	1	12	10	3	.....	1	.....	.....	.....	.....	.....	1.08	11
.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	1.59	12
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	13
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.25	14
.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.98	15
.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	2.11	16
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	17
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.48	18
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.15	19
.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.89	20
.....	6	13	7	.....	.....	.....	.....	.....	.....	.....	.....	.87	21
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.08	22
.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.11	23
.....	1	8	12	.....	1	.....	.....	.....	.....	.....	.....	1.05	24
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.53	25
.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.02	26
.....	10	23	33	6	2	.....	.....	.....	.....	.....	.....	1.06	27
.....	.....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	3.02	28
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2.40	29
.....	.....	.....	.....	1	1	1	3	.....	.....	.....	.....	2.81	30
.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1.43	31
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	32
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1.31	33
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.81	34
.....	.....	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.98	35
.....	.....	12	17	.....	.....	.....	.....	.....	.....	.....	.....	1.01	36
.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1.07	37
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	38
.....	.....	16	29	1	.....	.....	.....	.....	.....	.....	.....	1.04	39
.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	1.00	40
.....	.....	4	10	.....	.....	.....	.....	.....	.....	.....	.....	.95	41
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	42
.....	.....	4	23	.....	.....	.....	.....	.....	.....	.....	.....	.97	43
.....	.....	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.96	44
.....	.....	1	6	.....	.....	.....	.....	.....	.....	.....	.....	1.01	45
.....	.....	7	12	.....	.....	.....	.....	.....	.....	.....	.....	.98	46

[3] Average. [4] Hours reported for 72 employees only.

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TABLE VI.—OCCUPATIONS, RATES OF WAGES, HOURS OF LABOR, AND

SUGAR PLANTATIONS (52 establishments)—Concluded.

Marginal number.	Occupation.	Number.	Sex.	Nationality or race.	Days per week.	Hours per week.		
						Lowest.	Highest.	Average.
1	Wharf hands	24	M.	Hawaiian	[1]6	[2]60	[2]62	[2]61.4
2		24	M.	Japanese	6	[4]59	[4]62	[4]59.8
3		4	M.	Porto Rican	6	[5]60	[5]60	[5]60
4		11	M.	Portuguese	6	[6]60	[6]60	[6]60
5	Total	63	----		[7]6	[3]59	[3]62	[3]60.4
6	Wharfingers	1	M.	American	6	60	60	60
7		2	M.	English	6	59	60	59.5
8		3	M.	German	6	60	62	60.7
9		1	M.	Hawaiian	6	59	59	59
10		2	M.	Portuguese	6	60	60	60
11		1	M.	Scotch	6	59	59	59
12	Total	10	----		6	59	60	59.9
13	Wipers and oilers, locomotive	2	M.	American	7	84	84	84
14		1	M.	Chinese	7	84	84	84
15		1	M.	Hawaiian	6	60	60	60
16		7	M.	Japanese	7	56	84	76
17		10	M.	....do	6	36	72	60
18		1	M.	Portuguese	7	84	84	84
19		4	M.	....do	6	60	60	60
20	Total	26	----		[10]6.4	36	84	68
21	Wire tramway tenders	4	M.	Japanese	6	59.5	59.5	59.5
22	Woodchoppers	4	M.	Chinese	6	60	60	60
23		12	M.	Japanese	6	60	60	60
24		3	M.	Porto Rican	6	59	60	59.3
25		1	M.	Portuguese	6	60	60	60
26	Total	20	----		6	59	60	59.9
27	Yard boys	4	M.	Chinese	6	59	60	59.5
28		3	M.	Hawaiian	6	59	62	60
29		18	M.	Japanese	7	59	70	68.4
30		62	M.	....do	6	59	72	61.4
31		4	M.	Portuguese	6	58.5	60	59.3
32	Total	91	----		[10]6.2	58.5	72	62.5

[1] Days reported for 17 employees only.
[2] Hours reported for 17 employees only.
[3] Wages reported for 17 employees only, not including 7 who earn 25 cents per hour.
[4] Hours reported for 21 employees only.
[5] Hours reported for 1 employee only.
[6] Hours reported for 6 employees only.

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NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1910—Con.

SUGAR PLANTATIONS (52 establishments)—Concluded.

Classified wages per day.												Average wages per day.	Marginal number.
Under $0.50.	$0.50 and under $0.75.	$0.75 and under $1.	$1 and under $1.50.	$1.50 and under $2.	$2 and under $2.50.	$2.50 and under $3.	$3 and under $3.50.	$3.50 and under $4.	$4 and under $4.50.	$4.50 and under $5.	$5 and over.		
.....	.....	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	[8]$1.05	1
.....	.....	4	20	.....	.....	.....	.....	.....	.....	.....	.....	1.02	2
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.00	3
.....	.....	.....	10	1	.....	.....	.....	.....	.....	.....	.....	1.07	4
.....	.....	4	51	1	.....	.....	.....	.....	.....	.....	.....	[9]1.04	5
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.92	6
.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2.40	7
.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	4.34	8
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1.73	9
.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1.73	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	4.22	11
.....	.....	.....	.....	5	.....	1	1	1	1	.....	1	2.92	12
.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1.00	13
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	14
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.00	15
.....	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.94	16
.....	3	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.86	17
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85	18
.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.94	19
.....	4	10	12	.....	.....	.....	.....	.....	.....	.....	.....	.91	20
.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.06	21
.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	1.96	22
.....	.....	7	5	.....	.....	.....	.....	.....	.....	.....	.....	.93	23
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.95	24
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1.15	25
.....	.....	9	7	4	.....	.....	.....	.....	.....	.....	.....	1.15	26
.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.96	27
.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.71	28
.....	9	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.73	29
.....	17	[11]39	6	.....	.....	.....	.....	.....	.....	.....	.....	[11]82	30
.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.98	31
.....	28	[11]49	14	.....	.....	.....	.....	.....	.....	.....	.....	[11].81	32

[7] Days reported for 56 employees only.
[8] Hours reported for 45 employees only.
[9] Wages reported for 56 employees only, not including 7 who earn 25 cents per hour.
[10] Average.
[11] Including 1 employee who receives also board.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901. 1902,

AGRICULTURE, MISCELLANEOUS (12 establishments).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Alfalfa growers:				
1	Chinese	M.			
2	Japanese	M.			
3	Total				
	Blacksmiths:				
4	Japanese	M.			
5	Russian	M.			
6	Scotch	M.			
7	Total				
	Blacksmiths' helpers:				
8	German	M.			
9	Hawaiian	M.			
10	Total				
	Bookkeepers:				
11	Chinese	M.			
	Butchers:				
12	Hawaiian	M.			
13	Part Hawaiian	M.			
14	Total				
	Carpenters:				
15	Chinese	M.			
16	Japanese	M.			
17	Portuguese	M.			
18	Total				
	Cooks:				
19	Chinese	M.			
	Cooks and yard men:				
20	Japanese	M.			
	Cowboys:				
21	Hawaiian	M.			
22	Part-Hawaiian	M.			
23	Total				
	Cultivators:				
24	Chinese	M.			
25	Hawaiian	M.			
26	Korean	M.			
27	Total				
	Cultivators and harvesters:				
28	Japanese	M.			
	Cultivators and ranch men:				
29	English	M.			
30	Hawaiian	M.			
31	Japanese	M.			
32	Korean	M.			
33	Total				
	Cutters, grass:				
34	Chinese	M.			
	Engineer, assistant:				
35	Japanese	M.			
	Engineers, mill and plow:				
36	Japanese	M.			
	Engineer, mill and plow, assistant:				
37	Japanese	M.			
	Farm hands:				
38	Chinese	M.			

[1]Hours reported for 3 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, 1905, AND 1910.

AGRICULTURE, MISCELLANEOUS (12 establishments).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						2	60	$0.84	1
						1	60	.84	2
						3	60	.84	3
						3	59.7	1.13	4
						1	59.5	1.00	5
						1	59	4.00	6
						5	59.5	1.68	7
						1	59	2.50	8
						2	59	1.38	9
						3	59	1.75	10
						2	60	1.16	11
						1	48	2.11	12
						1	72	1.53	13
						2	60	1.82	14
						2	59	1.50	15
						7	59.6	1.31	16
						1	60	2.11	17
						10	59.5	1.43	18
						8	66	1.08	19
						3	70	.82	20
						8	[1] 72	1.66	21
						1	72	1.53	22
						9	[2] 72	1.65	23
						3	60	.77	24
						1	60	1.04	25
						2	60	.84	26
						6	60	.84	27
						2	59	.84	28
						2	60	.77	29
						7	60	.77	30
						2	60	.68	31
						6	60	.77	32
						17	60	.76	33
						5	66	1.11	34
						1	59.5	1.25	35
						2	59.5	1.50	36
						1	59.5	1.00	37
						92	62.6	1.14	38

[2] Hours reported for 4 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

AGRICULTURE, MISCELLANEOUS (12 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Field hands:				
1	Chinese	M.			
2	Japanese	M.			
3	Do	F.			
4	Korean	M.			
5	Porto Rican	M.			
6	Total				
	Feeders, leaf:				
7	Japanese	M.			
	Feeders, leaf, roller:				
8	Japanese	M.			
	Foremen:				
9	Chinese	M.			
10	German	M.			
11	Total				
	Foreman, cowboys:				
12	Hawaiian	M.			
	Foreman, dairy:				
13	Japanese	M.			
	Foremen, dairy, assistant:				
14	Japanese	M.			
	Foreman-manager:				
15	Chinese	M.			
	Foremen, teamsters and cultivators:				
16	Hawaiian	M.			
	Gardeners:				
17	Chinese	M.			
	Harness maker:				
18	Hawaiian	M.			
	Harvesters and planters:				
19	Chinese	M.			
	Helpers, ranch:				
20	Japanese	M.			
	Honey and bee men:				
21	Japanese	M.			
	House and field hand:				
22	Japanese	F.			
	Leaf cutters:				
23	Japanese	M.			
	Managers:				
24	American	M.			
25	German	M.			
26	Total				
	Manager, assistant:				
27	German				
	Mason:				
28	Japanese	M.			
	Mason's helpers:				
29	Japanese	M.			
	Millmen:				
30	Chinese	M.			
31	Japanese	M.			
32	Do	F.			
33	Total				
	Overseers:				
34	American	M.			
35	English	M.			
36	German	M.			
37	Hawaiian	M.			
38	Japanese	M.			
39	Total				

[1] Not reported.
[2] And board.
[3] Employed as managers part of time only.
[4] Including 3 managers who work part of time only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

AGRICULTURE, MISCELLANEOUS (12 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						28	62.8	$0.94	1
						204	59.3	.77	2
						6	59.5	.55	3
						24	59	.75	4
						6	59.5	.84	5
						268	59.6	.78	6
						2	59.5	.90	7
						2	59.5	.80	8
						4	64.5	1.38	9
						1	70	2.96	10
						5	65.6	1.70	11
						1	60	1.73	12
						1	84	1.32	13
						3	84	.99	14
						1	60	1.18	15
						11	59	1.00	16
						2	63	1.12	17
						1	59	2.68	18
						25	66	1.09	19
						2	72	.96	20
						2	60	.98	21
						1	(1)	2.39	22
						2	59.5	(1)	23
						[3] 3	(1)	[3] 1.32	24
						1	(1)	5.75	25
						[4] 4	(1)	[4] 2.43	26
						1	(1)	3.83	27
						1	59	1.50	28
						2	59	.85	29
						11	63.8	1.12	30
						[5] 6	59.3	[5] .71	31
						5	59.5	.54	32
						[5] 22	61.6	[5] .88	33
						1	59	[6] 1.15	34
						1	70	1.97	35
						1	59.5	2.68	36
						3	59	1.98	37
						4	59.3	1.42	38
						10	60.3	[7] 1.74	39

[5] Including 1 boy.
[6] Also board.
[7] Including 1 employee who receives also board.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

AGRICULTURE, MISCELLANEOUS (12 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Presser and baler:				
1	Japanese	M.			
	Presser and baler's helpers:				
2	Japanese	M.			
	Plowmen:				
3	Chinese	M.			
	Plowmen and planters:				
4	Japanese	M.			
	Ranchmen:				
5	American Negro	M.			
6	Chinese	M.			
7	English	M.			
8	Hawaiian	M.			
9	Japanese	M.			
10	Total				
	Secretary and treasurer:				
11	English	M.			
	Superintendent:				
12	Part-Hawaiian	M.			
	Stableman:				
13	Chinese	M.			
	Stockmen:				
14	Chinese	M.			
15	Hawaiian	M.			
16	Japanese	M.			
17	Portuguese	M.			
18	Total				
	Teamsters:				
19	Chinese	M.			
20	Japanese	M.			
21	Total				
	Teamsters and cultivators:				
22	Hawaiian	M.			
	Teamsters' helper:				
23	Japanese	M.			
	Woodchoppers:				
24	Hawaiian	M.			

BAKERY (15 establishments).

	Bakers:				
25	American	M.			
26	Chinese	M.			
27	Japanese	M.			
28	Portuguese	M.			
29	Total				
	Bakers and drivers:				
30	Portuguese	M.			
	Bakers' helpers:				
31	Chinese	M.			
32	Japanese	M.			
33	Total				
	Cake makers:				
34	Japanese	M.			
	Cake makers' helper:				
35	Japanese	M.			
	Drivers:				
36	Portuguese	M.			
	Packers:				
37	Japanese	M.			

[1] Not reported.
[2] Hours reported for 30 employees only.
[3] Hours reported for 38 employees only.
[4] Hours reported for 1 employee only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

AGRICULTURE, MISCELLANEOUS (12 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	59.5	$0.80	1
						2	59.5	.70	2
						25	62.9	1.12	3
						2	59	.84	4
						1	60	.96	5
						1	60	.96	6
						1	60	.96	7
						4	60	1.06	8
						2	60	.96	9
						9	60	1.00	10
						1	(1)	2.88	11
						1	(1)	4.93	12
						1	66	1.09	13
						3	70	.59	14
						20	62.2	.82	15
						4	70	.87	16
						4	62.5	.84	17
						31	64	.81	18
						12	64.2	1.06	19
						17	59.5	.86	20
						29	61.4	.94	21
						17	59	1.00	22
						1	59.5	.70	23
						2	60	1.06	24

BAKERY (15 establishments).

						2	(1)	$2.75	25
						31	[2] 77.3	.87	26
						3	62	.66	27
						5	70	1.15	28
						41	[3] 75.1	.98	29
						2	70	.97	30
						4	(1)	1.10	31
						3	[4] 66	[5] .84	32
						7	[4] 66	[5] .99	33
						8	61.5	[6] .81	34
						1	60	[7] .58	35
						5	[8] 56	1.06	36
						2	(1)	.50	37

[5] Including 1 employee who receives also board.
[6] Including 1 employee who receives also board and 2 who receive also board and free house rent.
[7] Also board and free rent.
[8] Hours reported for 3 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BAKERY, CONFECTIONERY, AND RESTAURANT (2 establishments).

[Data for 1902 for 1 establishment and for 1905 for 2 establishments.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bakers:				
1	American	M.			
2	Chinese	M.			
3	Japanese	M.			
4	Total				
	Bakers' helpers:				
5	Chinese	M.			
6	Japanese	M.			
7	Total				
	Candy makers:				
8	American	M.			
9	Japanese	M.			
10	Portuguese	F.			
11	Total				
	Candy makers' assistants:				
12	Japanese	M.			
13	Do	F.			
14	Total				
	Confectioners:				
15	Japanese	M.			
	Cooks:				
16	Chinese	M.			
	Cooks, assistant:				
17	Japanese	M.			
	Drivers:				
18	Chinese	M.			
19	Italian	M.			
20	Japanese	M.			
21	Portuguese	M.			
22	Total				
	House boys:				
23	Japanese	M			
	Launderer:				
24	Chinese	M.			
	Manager:				
25	American	M.			
	Packer:				
26	Japanese	M.			
	Salesmen:				
27	American	M.			
	Saleswomen:				
28	Hawaiian	F.			
29	Portuguese	F.			
30	Total				
	Stenographer:				
31	American	F.			
	Steward:				
32	Portuguese	M.			
	Waiters:				
33	Chinese	M.			
34	Japanese	M.			
35	Total				

[1] Also board, valued at $3 per week.
[2] Also board, lodging, and washing.
[3] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BAKERY, CONFECTIONERY AND RESTAURANT (2 establishments).

[Data for 1902 for 1 establishment and for 1905 for 2 establishments.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	56	$2.63	1
			1	56	[1] $1.07	4	59	1.89	2
1	54	[2] $1.72½	1	56	[1] 1.43	4	60	1.25	3
1	54	[2] 1.72½	2	56	[1] 1.25	9	59.1	1.69	4
			1	56	[1] .50	1	70	1.15	5
3	54	[2] 1.00	1	56	[1] .57	1	70	1.15	6
3	54	[2] 1.00	2	56	[1] .53½	2	70	1.15	7
						2	57	3.83	8
						2	60	1.06	9
						1	60	1.33	10
						5	58.8	2.22	11
						2	54	1.03	12
						1	54	.77	13
						3	54	.94	14
2	54	[2] .86½	2	57	1.25				15
3	([3])	[2] .76½	2	56	[1] .85½	2	70	1.43	16
						2	70	.71	17
			1	57	1.00				18
1	54	[2] 2.30							19
			1	70	[1] .85½				20
2	54	[2] 1.15				3	54	1.60	21
3	54	[2] 1.53½	2	63.5	[4] .92½	3	54	1.60	22
2	54	[2] .51½							23
1	54	[2] .76½							24
			1	56	[5] 1.97½				25
			1	57	1.50				26
2	54	[2] 1.34½							27
			2	67	[6] .95½	1	56	.86	28
						3	56	.95	29
			2	67	[6] .95½	4	56	.93	30
			1	57	1.00				31
						1	70	2.29	32
						3	60	1.17	33
2	54	[2] .86½	2	70	[1] .92½	9	70	1.00	34
2	54	[2] .86½	2	70	[1] .92½	12	67.5	1.04	35

[4] One employee receives also board, valued at $3 per week.
[5] Also board, valued at $5 per week.
[6] One employee receives also board, valued at $5 per week.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BAKERY AND RESTAURANT (1 establishment).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Cake maker's helper:				
1	Japanese	F.			
	Cook:				
2	Japanese	M.			
	Waiter:				
3	Japanese	M.			

BOTTLING WORKS (1 establishment).

	Bottlers and cleaners:				
4	Japanese	M.			
	Bottlers and cleaners' helper:				
5	Japanese	M.			
	Driver:				
6	English	M.			
	Driver, assistant:				
7	Japanese	M.			
	Foreman:				
8	English	M.			
	Superintendent:				
9	American	M.			

BREWERY (2 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

	Bottlers:				
10	American	M.			
11	American Negro	M.			
12	Chinese	M.			
13	Hawaiian	M.			
14	Part-Hawaiian	M.			
15	Italian	M.			
16	Japanese	M.			
17	Portuguese	M.			
18	Total				
	Brewers, assistant:				
19	American	M.			
	Brewer, head:				
20	American	M.			
	Brewers' helpers:				
21	American	M.			
22	German	M.			
23	Norwegian	M.			
24	Total				
	Brewery workers:				
25	Japanese	M.			
	Brew master:				
26	Japanese	M.			
	Cellarmen:				
27	German	M.			
28	Japanese	M.			
29	Russian	M.			
30	Total				
	Clerk:				
31	American	M.			
	Collector:				
32	American	M.			
	Cooper:				
33	Portuguese	M.			

[1] Including 2 boys.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BAKERY AND RESTAURANT (1 establishment).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	70	$0.43	1
						1	70	.66	2
						1	70	.49	3

BOTTLING WORKS (1 establishment).

						2	54	$1.15	4
						1	54	1.04	5
						1	54	1.53	6
						1	54	1.34	7
						1	54	2.68	8
						1	54	5.75	9

BREWERY (2 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

			5	53	$1.30				10
			1	53	1.50				11
1	54	$1.16½				6	54	$1.08	12
13	54	1.16½	6	53	1.21	4	54	1.50	13
						3	54	.83	14
						4	54	1.00	15
			1	53	1.25	7	54	1.11	16
11	54	1.66½	[1] 3	53	[1] .83½	10	54	.88	17
25	54	1.38½	[1] 16	53	[1] 1.19½	34	54	1.05	18
1	54	3.83½	2	53	3.54½				19
1	54	8.62½	1	53	9.58½				20
			1	53	2.00				21
			1	53	2.00				22
			1	53	2.58½				23
			3	53	2.19½				24
						8	60	1.07	25
						2	60	1.92	26
						2	54	2.50	27
						1	54	1.75	28
						1	54	2.00	29
						4	54	2.19	30
			1	53	2.87½				31
			1	53	4.79				32
						1	54	2.00	33

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BREWERY (2 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Drivers:				
1	American	M.			
2	Hawaiian	M.			
3	Part-Hawaiian	M.			
4	Total				
	Engineer:				
5	American	M.			
	Engineer, assistant:				
6	American	M.			
	Engineer's helpers:				
7	Japanese	M.			
8	Portuguese	M.			
9	Total				
	Firemen:				
10	Norwegian	M.			
	Foremen:				
11	Norwegian	M.			
12	Portuguese	M.			
13	Total				
	Foremen bottlers:				
14	American	M.			
15	German	M.			
	Ice pullers:				
16	American	M.			
17	Hawaiian	M.			
18	Japanese	M.			
19	Portuguese	M.			
20	South Sea Islander	M.			
21	Total				
	Laborers:				
22	German	M			
23	Hawaiian	M.			
24	Part-Hawaiian	M.			
25	Japanese	M.			
26	Portuguese	M.			
27	Total				
	Machinist:				
28	American	M.			
	Oiler:				
29	American	M.			
	Operatives:				
30	American	M.			
31	Hawaiian	M.			
32	Japanese	M.			
33	Norwegian	M.			
34	Portuguese	M.			
35	Total				
	Stableman:				
36	Portuguese	M.			
	Teamsters:				
37	American	M.			
38	Part-Hawaiian	M.			
39	Norwegian	M.			
40	Total				

[1] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BREWERY (2 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						2	54	$2.88	1
						1	54	1.75	2
						1	54	1.00	3
						4	54	2.13	4
1	63	$4.93	1	84	$4.93				5
1	63	3.29	1	84	3.29				6
						1	54	1.25	7
						1	54	2.00	8
						2	54	1.63	9
2	63	2.50	2	84	2.50				10
						1	77	2.50	11
						1	77	2.50	12
						2	77	2.50	13
1	54	3.83½							14
			1	53	4.79				15
[1] 1	54	[1] 1.50							16
						1	77	1.50	17
1	54	1.75				2	77	1.35	18
			1	84	1.75				19
1	54	1.75				1	77	1.50	20
[2] 3	54	[2] 1.66⅔	1	84	1.75	4	77	1.43	21
			1	53	1.50				22
			1	53	1.00				23
			1	53	1.50				24
			1	53	1.50				25
			1	53	1.75				26
			5	53	1.45				27
						1	54	2.50	28
			1	53	2.00				29
2	54	3.00							30
8	54	1.81¼							31
3	54	1.50							32
2	54	2.50							33
2	54	1.75							34
17	54	1.97							35
			1	53	2.18¾				36
			1	53	2.59				37
			1	53	2.07				38
			1	53	2.87½				39
			3	53	2.51				40

[2] Including 1 boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BUILDING (25 establishments).

[Data for 1900–1901 are for 8 establishments, 1902 for 9 establishments, and 1905 for 15 establishments.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Blacksmiths:				
1	American	M.			
	Bookkeepers:				
2	American	M.			
3	German	M.			
4	Total	.....			
	Bricklayers:				
5	American	M.	5	48	$5.50
6	English	M.	2	48	6.00
7	Hawaiian	M.			
8	Irish	M.	2	48	6.00
9	Japanese	M.			
10	Other Caucasian	M.			
11	Portuguese	M.			
12	Scotch	M.	2	48	6.00
13	Total	.....	11	48	5.77½
	Bricklayers' helpers:				
14	Hawaiian	M.	4	48	2.50
15	Part-Hawaiian	M.	5	48	2.50
16	Portuguese	M.	14	48	2.14½
17	Total	.....	23	48	2.28½
	Carpenters:				
18	American	M.	30	48	3.98½
19	Chinese	M.			
20	Danish	M.			
21	English	M.	1	48	4.00
22	German	M.	9	48	3.72
23	Hawaiian	M.	8	48	3.00
24	Part-Hawaiian	M.	6	48	2.87½
25	Irish	M.	4	48	4.00
26	Japanese	M.			
27	Norwegian	M.			
28	Other Caucasian	M.			
29	Portuguese	M.	9	48	2.97
30	Samoan	M.			
31	Scotch	M.			
32	Swedish	M.			
33	Total	.....	67	48	3.59½
	Carpenters' helpers:				
34	Chinese	M.			
35	Filipino	M.			
36	Hawaiian	M.			
37	Part-Hawaiian	M.			
38	Portuguese	M.			
39	Total	.....			
	Carvers, stone:				
40	English	M.	1	48	7.00
41	Italian	M.	1	48	6.00
42	Total	.....	2	48	6.50
	Cement worker:				
43	Portuguese	M.			
	Clerks:				
44	Chinese	M.			
45	Hawaiian	M.			
46	Japanese	M.			
47	Total	.....			

[1] Hours reported for 23 employees only.

[2] Wages reported for 23 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BUILDING (25 establishments).

[Data for 1900-1901 are for 8 establishments, 1902 for 9 establishments, and 1905 for 15 establishments.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	2	53	$3.50	.....	.....	.....	1
1	47	$1.91½	1	60	3.33½	.....	.....	.....	2
1	47	3.83½	.....	.....	.....	.....	.....	.....	3
2	47	2.87½	1	60	3.33½	.....	.....	.....	4
.....	.....	.....	5	47	6.00	.....	.....	.....	5
.....	.....	.....	1	47	6.00	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	1	48	$6.00	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	4	59	1.53	9
.....	.....	.....	.....	.....	.....	1	48	6.00	10
.....	.....	.....	1	47	5.00	1	48	6.00	11
.....	.....	.....	1	48	6.00	.....	.....	.....	12
.....	.....	.....	8	47.1	5.87½	7	54.3	3.45	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	12	47	1.50	.....	.....	.....	16
.....	.....	.....	12	47	1.50	.....	.....	.....	17
33	47.9	4.18	26	[3] 48	3.59½	10	47.8	4.03	18
.....	.....	.....	.....	.....	.....	59	54.8	1.50	19
1	47	4.00	.....	.....	.....	1	48	3.50	20
1	48	4.50	2	47.5	3.00	.....	.....	.....	21
1	47	4.00	7	48	3.14½	.....	.....	.....	22
10	48	2.95	22	48	2.61½	5	48	3.37	23
.....	.....	.....	15	48	2.83½	3	48	3.50	24
.....	.....	.....	2	48	4.00	.....	.....	.....	25
1	47	1.50	47	[1] 49.5	[2] 1.54½	24	56.4	1.59	26
.....	.....	.....	3	48	3.66½	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	5	47.4	4.20	28
8	47.5	2.87½	18	47.9	2.98½	22	48	3.41	29
.....	.....	.....	1	48	3.50	.....	.....	.....	30
.....	.....	.....	2	48	4.00	.....	.....	.....	31
.....	.....	.....	2	48	3.00	.....	.....	.....	32
55	47.8	3.72	147	[3] 48.3	[4] 2.82½	129	52.6	2.28	33
.....	.....	.....	.....	.....	.....	2	54	.92	34
.....	.....	.....	1	47	2.50	.....	.....	.....	35
.....	.....	.....	2	48	1.50	.....	.....	.....	36
.....	.....	.....	1	48	2.50	.....	.....	.....	37
6	48	1.50	4	48	2.25	.....	.....	.....	38
6	48	1.50	8	47.9	2.12½	2	54	.92	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	1	48	5.00	43
.....	.....	.....	.....	.....	.....	1	54	.16	44
.....	.....	.....	1	54	1.00	.....	.....	.....	45
.....	.....	.....	1	48	1.25	.....	.....	.....	46
.....	.....	.....	2	51	1.12½	1	54	.16	47

[3] Hours reported for 123 employees only.

[4] Wages reported for 123 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BUILDING (25 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Concrete finisher:				
1	English	M.			
	Concrete workers:				
2	American	M.			
3	Portuguese	M.			
4	Total				
	Concrete workers' helpers:				
5	Polish	M.			
	Cooks:				
6	Chinese	M.			
	Coppersmith:				
7	Portuguese	M.			
	Cornice maker:				
8	German	M.	1	47	4.00
	Cornice worker:				
9	Japanese	M.			
	Cornice worker's apprentices:				
10	Portuguese	M.			
	Drillers and blasters:				
11	Japanese	M.	5	48	1.50
	Driver:				
12	Part-Hawaiian	M.			
	Engineers:				
13	American	M.			
14	Hawaiian	M.			
15	Japanese	M.			
16	Total				
	Engineers, pile-driver.				
17	American	M.			
18	Part-Hawaiian	M.			
19	Total				
	Excavators:				
20	Japanese	M.	27	48	1.10
	Foremen, bricklayers:				
21	American	M.			
22	English	M.	1	48	7.00
	Foremen, carpenters:				
23	American	M.	8	48	5.31½
24	Chinese	M.			
25	English	M.	1	48	7.00
26	Part-Hawaiian	M.			
27	Japanese	M.			
28	Other Caucasian	M.			
29	Portuguese	M.			
30	Scotch	M.			
31	Total		9	48	5.50
	Foreman, concrete workers:				
32	American	M.			
	Foremen, excavators:				
33	Part-Hawaiian	M.	1	48	2.50
34	Portuguese	M.	1	48	2.50
35	Total		2	48	2.50
	Foremen, laborers, road:				
36	Hawaiian	M.			
	Foremen, painters:				
37	American	M.	2	47.5	4.00
38	Australian	M.	1	47	5.00
39	Hawaiian	M.	1	48	4.00
40	Japanese	M.			
41	Total		4	47.5	4.25

[1] Including 1 boy.

[2] 1 employee receives also board and lodging.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BUILDING (25 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	48	$6.00				1
2	48	$5.00	1	48	3.06½				2
			1	48	5.00				3
2	48	5.00	2	48	4.03½				4
			2	48	2.00				5
						[1] 3	53.7	[1] $0.60	6
						1	48	3.50	7
									8
						1	48	2.50	9
						4	48	1.19	10
									11
1	48	1.50							12
			4	53	[2] 4.72				13
			1	53	3.50				14
			9	58.8	[3] 1.66½				15
			14	56.8	[4] 2.67				16
			1	48	4.00				17
			1	48	4.00				18
			2	48	4.00				19
									20
1	48	8.00	1	47	7.50				21
									22
3	48	6.50	2	47.5	5.75	2	48	6.11	23
						2	53.5	2.79	24
			1	47	6.00				25
						1	48	4.80	26
			4	49.5	2.43½	3	57	2.17	27
						1	47	7.00	28
						1	48	5.00	29
			1	48	5.00				30
3	48	6.50	8	48.5	4.03	10	51.7	4.11	31
			1	48	5.00				32
									33
									34
									35
			5	54	1.50				36
			1	48	4.00				37
									38
									39
			1	49.5	2.50				40
			2	48.8	3.25				41

[3] 1 employee furnished also with house.

[4] See notes to details.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BUILDING (25 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foreman, pavers:				
1	American	M.			
	Foreman, pile-drivers:				
2	American	M.			
	Foreman, plasterers:				
3	English	M.	1	48	$6.00
	Foremen, plumbers:				
4	American	M.	2	47	6.00
5	English	M.			
6	Other Caucasian	M.			
7	Portuguese	M.			
8	Total		2	47	6.00
	Foreman, sawmillers:				
9	Chinese	M.			
	Foreman, stablemen:				
10	American	M.			
	Foremen, stone masons:				
11	American	M.			
12	Japanese	M.			
13	Portuguese	M.	1	48	5.00
14	Scotch	M.	1	48	7.00
15	Total		2	48	6.00
	Foreman, teamsters:				
16	American	M.			
	Foreman, tinsmiths:				
17	Bulgarian	M.	1	47	4.00
	Galvanized-iron workers:				
18	Portuguese	M.			
	Galvanized-iron workers' apprentices:				
19	Portuguese	M.			
	Galvanized-iron workers' helpers:				
20	Portuguese	M.			
	Iron workers:				
21	American	M.			
	Laborers:				
22	American	M	7	48.7	1.89½
23	Chinese	M.			
24	English	M.	3	48	2.00
25	Hawaiian	M.	7	51.6	1.36
26	Irish	M.	6	48	2.00
27	Japanese	M.	24	49.3	1.00
28	Porto Rican	M.			
29	Portuguese	M.	[1]34	49.3	[1]1.37½
30	Total		[1]81	49.3	[1]1.37½
	Laborers, road:				
31	Hawaiian	M.			
32	Porto Rican	M.			
33	Portuguese	M.			
34	Total				
	Laborers, rock crusher:				
35	Portuguese	M.			
	Manager, plumbing establishment:				
36	American	M.			
	Masons:				
37	American	M.	15	48	4.93½
38	German	M.	2	48	4.25
39	Japanese	M.	16	48	2.43½
40	Portuguese	M.	20	48	3.00
41	Total		53	48	3.42½
	Masons' helpers:				
42	Japanese	M.	30	48	1.25
43	Portuguese	M.	15	48	2.00
44	Total		45	48	1.50

[1] Including 1 boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BUILDING (25 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	48	$5.00				1
			1	48	4.50				2
									3
1	47	$7.50	1	48	6.00				4
1	47	6.90							5
						1	47	$4.79	6
						1	47	3.50	7
2	47	7.20	1	48	6.00	2	47	4.15	8
						1	54	2.00	9
			1	70	3.00				10
1	48	7.00							11
						1	59	2.00	12
									13
									14
1	48	7.00				1	59	2.00	15
			1	48	3.00				16
									17
						3	48	2.50	18
						2	48	.50	19
						2	48	1.00	20
2	48	5.50							21
									22
			3	48	1.33½				23
									24
			12	47.9	1.58½				25
									26
23	52.2	1.37	24	48.2	.98½				27
			1	48	1.50				28
6	47.8	1.50	45	47.9	1.73				29
29	51.3	1.39½	85	48	1.48				30
			89	52.4	1.11½				31
			13	54	1.12½				32
			21	48.9	1.26				33
			123	52	1.14				34
			5	48	2.00				35
1	47	5.75							36
									37
									38
									39
2	48	4.50	4	51	3.12½				40
2	48	4.50	4	51	3.12½				41
									42
			4	48	1.50				43
			4	48	1.50				44

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BUILDING (25 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Mortar mixers:				
1	American	M.			
	Painters:				
2	American	M.	6	47.5	$3.33½
3	American Negro	M.			
4	Belgian	M.	1	47	3.00
5	English	M.			
6	German	M.	1	47	3.00
7	Hawaiian	M.	20	47.3	2.57½
8	Part-Hawaiian	M.	20	47.2	2.62½
9	Japanese	M.			
10	Norwegian	M.	1	47	3.50
11	Portuguese	M.	9	47	2.72
12	Russian	M.			
13	Total		58	47.2	2.72½
	Painters' helpers:				
14	Hawaiian	M.			
15	Part-Hawaiian	M.			
16	Portuguese	M.			
17	Total				
	Paper hangers:				
18	American	M.			
19	Hawaiian	M.			
20	Part-Hawaiian	M.			
21	Japanese	M.			
22	Total				
	Pavers:				
23	American	M.			
24	Hawaiian	M.			
25	Part-Hawaiian	M.			
26	Irish	M.			
27	Total				
	Pile drivers:				
28	American	M.			
29	Hawaiian	M.			
30	Portuguese	M.			
31	Russian	M.			
32	Total				
	Plasterers:				
33	American	M.	2	48	5.50
34	English	M.	2	48	5.00
35	Hawaiian	M.	1	48	6.00
36	Irish	M.	4	48	5.00
37	Portuguese	M.			
38	Scotch	M.	1	48	6.00
39	Total		10	48	5.30
	Plasterers' helpers:				
40	Portuguese	M.	5	48	2.00
	Plumbers:				
41	American	M.	13	47	5.00
42	Chinese	M.			
43	Irish	M.	3	47	5.00
44	Other Caucasian	M.			
45	Portuguese	M.			
46	Total		16	47	5.00
	Plumbers' apprentices:				
47	Portuguese	M.			

[1] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BUILDING (25 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			2	47	$3.00				1
12	47.9	$3.50	2	48	3.25	3	47.3	$4.00	2
1	47	2.50							3
									4
			1	48	3.50				5
									6
19	47.7	2.56½	23	48	2.63	6	48	3.00	7
						5	48	3.55	8
			8	49.5	1.50				9
									10
3	48	2.75	7	48	2.78½				11
						1	48	2.50	12
35	47.8	2.90	41	48.3	2.49	15	47.9	3.35	13
			2	48	1.50				14
			1	48	1.50				15
1	48	1.66½	1	48	1.50				16
1	48	1.66½	4	48	1.50				17
			1	48	3.50				18
			4	48	3.12½	1	48	3.50	19
			1	48	3.50				20
						2	59	1.88	21
			6	48	3.25	3	55.3	2.42	22
			9	48	2.00				23
			4	48	2.00				24
			4	48	2.00				25
			1	48	2.00				26
			18	48	2.00				27
			3	48	2.33½				28
			1	48	3.00				29
			2	48	3.00				30
			1	48	2.50				31
			7	48	2.64½				32
2	48	6.00							33
			2	48	6.00				34
									35
									36
						7	47.7	3.79	37
									38
2	48	6.00	2	48	6.00	7	47.7	3.79	39
									40
5	47	5.50	3	47.7	4.83½	1	48	6.00	41
						5	53.2	.91	42
									43
						1	47	3.45	44
			1	47	5.50	8	47	1.52	45
5	47	5.50	4	47.5	5.00	15	49.1	1.74	46
11	47	1.66½	1	47	.57½				47

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

BUILDING (25 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Plumbers' helpers:				
1	American	M.			
2	Hawaiian	M.	5	47	$1.20
3	Part-Hawaiian	M.	1	47	1.00
4	Portuguese	M.			
5	Total		6	47	1.16½
	Sawmillers:				
6	Chinese	M.			
	Sheet-metal workers:				
7	Japanese	M.			
8	Portuguese	M.			
9	Total				
	Sheet-metal workers' apprentices:				
10	Portuguese	M.			
	Sheet-metal workers' helper:				
11	Portuguese	M.			
	Shop boys:				
12	Part-Hawaiian	M.			
13	Japanese	M.			
14	Total				
	Stone masons:				
15	Japanese	M.			
	Teamsters:				
16	American	M.			
17	American Negro	M.			
18	Danish	M.			
19	German	M.			
20	Hawaiian	M.			
21	Japanese	M.			
22	Portuguese	M.			
23	Total				
	Tinsmiths:				
24	American	M.	2	47	3.75
25	Chinese	M.			
26	English	M.			
27	German	M.			
28	Hawaiian	M.	2	47	2.00
29	Part-Hawaiian	M.	1	47	3.00
30	Portuguese	M.	3	47	2.50
31	Spanish	M.	1	47	2.75
32	Total		9	47	2.75
	Tinsmiths' helpers:				
33	German	M.	1	47	1.50
34	Hawaiian	M.	1	47	2.00
35	Portuguese	M.			
36	Total		2	47	1.75
	Watchman:				
37	American	M.			
	Water boy:				
38	Portuguese	M.			

[1] Including 1 boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

BUILDING (25 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
[1]3	47	[1]$0.94½	1	48	$1.50	.....	.....	.....	1
2	47	2.50	3	47.7	1.83½	.....	.....	.....	2
.....	.....	.....	1	47	2.50	.....	.....	.....	3
3	47	2.00	1	48	1.25	.....	.....	.....	4
[1]8	47	[1]1.73	6	47.7	1.79	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	2	54	$1.50	6
.....	.....	.....	.....	.....	.....	3	47	1.50	7
.....	.....	.....	3	48	3.16½	7	47.6	2.18	8
.....	.....	.....	3	48	3.16½	10	47.4	1.98	9
.....	.....	.....	2	48	1.50	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	1	48	.75	11
.....	.....	.....	1	48	.50	.....	.....	.....	12
.....	.....	.....	1	48	1.50	.....	.....	.....	13
.....	.....	.....	2	48	1.00	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	4	59	1.53	15
.....	.....	.....	9	48	2.66½	.....	.....	.....	16
.....	.....	.....	1	48	2.00	.....	.....	.....	17
.....	.....	.....	1	48	2.00	.....	.....	.....	18
.....	.....	.....	1	48	2.00	.....	.....	.....	19
.....	.....	.....	3	48	2.00	.....	.....	.....	20
.....	.....	.....	1	48	1.25	.....	.....	.....	21
4	48	1.50	7	48	2.07	.....	.....	.....	22
4	48	1.50	23	48	2.25	.....	.....	.....	23
.1	47	3.50	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	15	53.8	1.00	25
.....	.....	.....	1	48	4.00	.....	.....	.....	26
1	47	3.00	1	48	3.50	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	29
4	47	2.93½	4	47.8	3.18½	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	31
6	47	3.04	6	47.8	3.37½	15	53.8	1.00	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	2	48	1.25	.....	.....	.....	34
4	47	1.50	2	47.5	1.37½	.....	.....	.....	35
4	47	1.50	4	47.8	1.31½	.....	.....	.....	36
.....	.....	.....	2	84	1.57½	.....	.....	.....	37
.....	.....	.....	2	51	.72½	.....	.....	.....	38

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

CARRIAGE MAKING (7 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment, and for 1905 for 2 establishments.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Apprentices:				
1	American	M.			
2	Portuguese	M.			
3	Total				
	Blacksmiths:				
4	American	M.	3	53	$4.00
5	Chinese	M.			
6	English	M.			
7	German	M.	1	53	4.00
8	Hawaiian	M.			
9	Hawaiian, white	M.			
10	Portuguese	M.	1	53	3.25
11	Swedish	M.			
12	Total		5	53	3.85
	Blacksmiths' helpers:				
13	American	M.	1	53	1.50
14	English	M.			
15	Hawaiian	M.	5	53	1.53½
16	Portuguese	M.	3	53	1.55½
17	Swedish	M.			
18	Total		9	53	1.53½
	Bookkeepers:				
19	American	M.			
20	Hawaiian	M.			
21	Irish	M.			
22	Total				
	Caretaker:				
23	Japanese	M.			
	Carpenters:				
24	Chinese	M.			
25	Japanese	M.			
26	Total				
	Carpenters' helpers:				
27	Japanese	M.			
	Clerk, shipping:				
28	American	M.			
	Demonstrator and salesman:				
29	American	M.			
	Driver:				
30	Hawaiian	M.			
	Foreman, blacksmiths:				
31	American	M.	1	53	4.79
	Foreman, painters:				
32	Chinese	M.	1	53	3.50
	Foreman, trimmers:				
33	German	M.	1	53	4.79
	Foreman, woodworkers:				
34	English	M.	1	53	4.41
	Horseshoer:				
35	Portuguese	M.			
	Horseshoer's helpers:				
36	American	M.			
37	Portuguese	M.			
38	Total				
	Laborers:				
39	Portuguese	M.	2	53	1.50

[1] Including 2 boys.

[2] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

CARRIAGE MAKING (7 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment, and for 1905 for 2 establishments.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	52	$0.83	1
						1	52	1.00	2
						2	52	.92	3
1	53	$5.00				1	54	4.50	4
						5	53	1.73	5
						1	54	4.00	6
1	53	4.00							7
			1	53	$2.50	1	53	3.25	8
						2	53	3.25	9
1	53	3.25	2	53	3.00	1	54	4.00	10
			1	53	5.00				11
3	53	4.08⅓	4	53	3.37½	11	53.3	2.81	12
3	53	2.00				1	54	2.00	13
						1	54	2.00	14
[1] 4	53	[1] 1.29				2	53.5	1.50	15
			6	53	1.44½	9	53.6	1.70	16
			[2] 1	53	[2] .50				17
[1] 7	53	[1] 1.59½	[3] 7	53	[3] 1.31	13	53.6	1.72	18
						1	54	4.17	19
1	53	1.72½							20
			1	53	5.00	1	52	4.79	21
1	53	1.72½	1	53	5.00	2	53	4.48	22
						1	52	.83	23
						1	53	2.88	24
						1	66	2.00	25
						2	59.5	2.44	26
						2	66	.46	27
						1	52	4.99	28
						1	52	3.33	29
			[3] 1	53	[3] .50				30
1	53	4.79							31
1	53	3.00							32
1	53	4.79							33
									34
			1	53	4.00				35
			1	53	3.00				36
			1	53	1.33½				37
			2	53	2.16½				38
									39

[3] Including 1 boy.

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TABLE VII.— OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

CARRIAGE MAKING (7 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Machinists:				
1	American	M.			
2	Hawaiian, white	M.			
3	Total				
	Managers:				
4	American	M.	1	53	$3.62½
5	German	M.			
	Office boy:				
6	American	M.	1	53	1.34
	Painters:				
7	Chinese	M.	6	53	1.90½
8	Hawaiian	M.			
9	Irish	M.			
10	Total		6	53	1.90½
	Painters' helpers:				
11	Chinese	M.			
12	Hawaiian	M.			
	Room boy:				
13	Hawaiian	M.			
	Stenographer:				
14	Hawaiian, white	F.			
	Superintendent, salesman:				
15	American	M.			
	Trimmers:				
16	American	M.			
17	Chinese	M.			
18	German	M.			
19	Hawaiian	M.	1	53	1.25
20	Portuguese	M.	1	53	.83½
21	Total		2	53	1.04½
	Trimmers' helpers:				
22	American	M.			
23	Hawaiian	M.			
24	Part-Hawaiian	M.			
25	Total				
	Wagon makers:				
26	Japanese	M.			
27	Portuguese	M.			
28	Total				
	Wheelwright:				
29	German	M.			
	Woodworkers:				
30	American	M.	2	53	3.75
31	English	M.			
32	German	M.			
33	Hawaiian	M.			
34	Hawaiian, white	M.			
35	Portuguese	M	2	53	2.16½
36	Total		4	53	2.96
	Woodworker's helper:				
37	Portuguese	M.			

CANDY (3 establishments).

	Candy makers:				
38	Japanese	M.			

[1] Not reported. [2] Including 1 boy. [3] Boys.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

CARRIAGE MAKING (7 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	52	$3.33	1
						1	52	3.33	2
						2	52	3.33	3
1	53	$8.62½							4
						1	(1)	11.50	5
									6
5	53	1.53½	1	53	$2.00	4	53.3	3.17	7
			1	53	2.50				8
			2	53	4.50				9
5	53	1.53½	4	53	3.37½	4	53.3	3.17	10
						4	54	1.79	11
			[2]2	53	[2].87½				12
						1	52	.83	13
						1	52	1.34	14
						1	52	6.38	15
			1	53	3.75	1	54	4.00	16
						1	53	1.92	17
			1	53	5.00	1	54	6.67	18
[3]2	53	[3].91½							19
						1	52	3.25	20
[3]2	53	[3].91½	2	53	4.37½	4	53.3	3.96	21
			1	53	1.66½	1	52	1.15	22
			[2]2	53	[2].95½	2	54	1.67	23
			[4]1	53	[4].50				24
			[5]4	53	[5]1.02	3	53.3	1.50	25
						1	60	1.00	26
						1	53	4.00	27
						2	56.5	2.50	28
						1	52	4.00	29
									30
			1	53	3.50				31
1	53	4.00	2	53	4.00	1	54	4.50	32
[2]2	53	[2]1.04½	1	53	2.00				33
						1	54	3.00	34
1	53	4.00				1	54	3.33	35
[2]4	53	[2]2.52	4	53	3.37½	3	54	3.61	36
			1	53	1.50	1	54	1.67	37

CANDY (3 establishments).

						7	63.4	[6]$0.81	38

[4] Boy. [5] Including 2 boys. [6] Three employees receive also board.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

CANNING FRUIT (1 establishment).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bather:				
1	Japanese	M.			
	Overseer:				
2	Japanese	M.			
	Peelers and corers:				
3	Japanese	M.			
	Seamer:				
4	Japanese	M.			
	Selectors:				
5	Japanese	F.			
	Slicer:				
6	Japanese	M.			

CHARCOAL BURNING (1 establishment).

	Charcoal burner:				
7	Japanese	M.			

CLEANING CLOTHING (1 establishment).

	Cleaner:				
8	Japanese	M.			
	Clerk:				
9	Hawaiian	M.			
	Driver:				
10	Hawaiian	M.			
	Foreman:				
11	German	M.			

COFFEE DEALER (1 establishment).

	Clerk:				
12	Portuguese	M.			
	Laborers:				
13	Japanese	M.			

COFFEE PLANTATION (1 establishment).

[Data for 1902 are for 2 establishments, and for 1905 for 1 establishment.]

	Cultivators:				
14	Hawaiian	M.			
15	Japanese	M.			
16	Portuguese	M.			
17	Total				
	Dryer:				
18	Hawaiian	M.			
	Engineer:				
19	Japanese	M.			
	Hand pickers:				
20	Hawaiian	F.			
	Hullers:				
21	Japanese	M.			
	Laborers, general:				
22	Hawaiian	M.			
23	Japanese	M.			
24	Total				

[1] And lodging quarters. [2] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

CANNING FRUIT (1 establishment).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages psr day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	59.5	[1] $0.90	1
						1	59.5	[1] 3.00	2
						2	59.5	[1] .90	3
						1	59.5	[1] .90	4
						6	59.5	[1] .50	5
						1	59.5	[1] .90	6

CHARCOAL BURNING (1 establishment).

						1	60	$0.77	7

CLEANING CLOTHING (1 establishment).

						1	54	$0.83	8
						1	54	.83	9
						1	54	.83	10
						1	54	2.00	11

COFFEE DEALER (1 establishment).

						1	53	$3.42	12
						2	53	.83	13

COFFEE PLANTATION (1 establishment).

[Data for 1902 are for 2 establishments, and for 1905 for 1 establishment.]

1	60	$1.00							14
19	60	.77	10	[2]	[3]				15
2	60	1.00							16
22	60	.80	10	[2]	[3]				17
			1	59	$1.00				18
			1	59	1.50				19
						52	[4]	$0.90	20
			2	59	.69				21
						3	51	1.50	22
						1	51	1.50	23
						4	51	1.50	24

[3] $0.90 per acre per month; 1 man cultivates from 15 to 20 acres. [4] Not reported; contract.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

COFFEE PLANTATION (1 establishment)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Mechanic:				
1	Japanese	M.			
	Overseer:				
2	Japanese	M.			
	Packers:				
3	Hawaiian	F.			
	Pickers:				
4	Japanese and Portuguese	(1)			
5	Japanese	M.			
6	Do	F.			
7	Total				
	Planters, contract:				
8	Japanese	M.			
	Pulpers:				
9	Japanese	M.			
	Stableman:				
10	Hawaiian	M.			
	Superintendent:				
11	Hawaiian	M.			
	Wood choppers:				
12	Japanese	M.			
	DRUGS AND CHEMICALS (2 establishments).				
	Chemists:				
13	American	M.			
	Chemists, assistant:				
14	American	M.			
15	Japanese	F.			
16	Total				
	Clerk, stock:				
17	American	M.			
18	Japanese	M.			
19	Total				
	Laborers:				
20	Chinese	M.			
21	Japanese	M.			
22	Total				
	ELECTRIC LIGHT AND ICE (2 establishments).				
	[Data for 1902 are for 1 establishment, and for 1905 for 2 establishments.]				
	Bookkeepers:				
23	American	M.			
24	Hawaiian	M.			
25	Total				
	Cashier:				
26	American	M.			
	Clerks:				
27	German	M.			
28	Portuguese	M.			
29	Total				
	Coal passers:				
30	Japanese	M.			

[1] Men, women, and children.
[2] Irregular.
[3] Receive 50 cents per cwt. of coffee in berry; earnings $0.50 to $2 per day.
[4] Receive 45 cents per cwt. of coffee in berry; earnings $0.45 to $1.12½ per day.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

COFFEE PLANTATION (1 establishment)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	1	59	$1.25	.....	.....	.....	1
1	60	$1.07½	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	4	51	$0.50	3
65	(3)	(3)	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	40	(3)	(4)	.....	.....	.....	5
.....	.....	.....	20	(3)	(4)	.....	.....	.....	6
65	(3)	(3)	60	(3)	(4)	.....	.....	.....	7
.....	.....	.....	6	(3)	(5)	.....	.....	.....	8
.....	.....	.....	3	59	.69	.....	.....	.....	9
.....	.....	.....	1	70	1.00	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	1	51	2.50	11
.....	.....	.....	2	(3)	(6)	.....	.....	.....	12

DRUGS AND CHEMICALS (2 establishments).

.....	.....	.....	.....	.....	.....	2	52.5	$5.75	13
.....	.....	.....	.....	.....	.....	1	51	3.45	14
.....	.....	.....	.....	.....	.....	1	54	.83	15
.....	.....	.....	.....	.....	.....	2	52.5	2.14	16
.....	.....	.....	.....	.....	.....	1	54	5.00	17
.....	.....	.....	.....	.....	.....	1	54	1.67	18
.....	.....	.....	.....	.....	.....	2	54	3.34	19
.....	.....	.....	.....	.....	.....	1	51	1.00	20
.....	.....	.....	.....	.....	.....	[7] 2	51	[7] 7.92	21
.....	.....	.....	.....	.....	.....	[7] 3	51	[7] 7.95	22

ELECTRIC LIGHT AND ICE (2 establishments).

[Data for 1902 are for 1 establishment, and for 1905 for 2 establishments.]

.....	.....	.....	1	44	$4.79	.....	.....	.....	23
.....	.....	.....	1	48	3.83½	.....	.....	.....	24
.....	.....	.....	2	46	4.31½	.....	.....	.....	25
.....	.....	.....	1	48	8.62½	.....	.....	.....	26
.....	.....	.....	1	44	1.72½	.....	.....	.....	27
.....	.....	.....	2	46	2.82½	1	56	$1.64	28
.....	.....	.....	3	45.3	2.46	1	56	1.64	29
2	66	$1.34	.....	.....	.....	.....	.....	.....	30

[5] Receive $0.88 per cwt. and house rent.
[6] $2 per cord.
[7] Including 1 boy under 16 years of age.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

ELECTRIC LIGHT AND ICE (2 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Cold-storage men:				
1	American	M.			
2	Hawaiian	M.			
3	Japanese	M.			
4	Total				
	Collectors:				
5	Chinese	M.			
6	Portuguese	M.			
7	Total				
	Drivers:				
8	Hawaiian	M.			
9	Hawaiian, white	M.			
10	Japanese	M.			
11	Portuguese	M.			
12	Total				
	Engineers:				
13	American	M.			
14	Hawaiian, white	M.			
15	Total				
	Engineer, chief:				
16	American	M.			
	Firemen:				
17	American	M.			
	Foremen, cold storage:				
18	American	M.			
19	Hawaiian	M.			
	Foreman, construction:				
20	American	M.			
	Foreman, ice factory:				
21	Portuguese	M.			
	Foreman, linemen:				
22	American	M.			
	Foreman, wiremen:				
23	American	M.			
	Helpers:				
24	Hawaiian	M.			
25	Japanese	M.			
26	Portuguese	M.			
27	Total				
	House wireman, electric fitter:				
28	American	M.			
	Ice-machine tenders:				
29	Japanese	M.			
30	Portuguese	M.			
31	Total				
	Ice pullers:				
32	Japanese	M.			
	Ice-tank men:				
33	American	M.			
	Inspector:				
34	American	M.			
	Janitor:				
35	Portuguese	M.			
	Laborers:				
36	Japanese	M.			
	Linemen:				
37	American	M.			
38	Hawaiian	M.			
39	Total				

[1] Including 4 boys.

[2] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

ELECTRIC LIGHT AND ICE (2 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
2	66	$2.87½							1
			1	84	$1.15				2
1	66	1.15							3
3	66	2.30	1	34	1.15				4
			3	44	2.17				5
			1	48	2.87½				6
			4	45	2.34½				7
			7	72	1.97½	1	56	$1.32	8
						2	56	1.97	9
						1	56	.99	10
						4	56	1.97	11
			7	72	1.97½	8	56	1.77	12
3	66	4.60	3	66	3.94½	1	56	4.11	13
						1	56	4.11	14
3	66	4.60	3	66	3.94½	2	56	4.11	15
1	66	6.90	1	63	5.92	1	56	5.92	16
4	66	2.87½	3	56	2.46½				17
1	66	3.06½							18
			1	84	2.63				19
1	48	5.75							20
			1	56	3.83½				21
1	48	3.83½	1	44	3.83½				22
			1	44	3.83½				23
						[1] 8	56	1.82	24
						[2] 1	56	[2].50	25
						[3] 2	56	[3].50	26
						[4] 11	56	[4].73	27
1	48	3.50							28
3	66	1.00							29
1	66	2.00							30
4	66	1.25							31
			2	72	1.15				32
2	66	2.87½							33
			1	44	1.91½				34
			1	44	1.34				35
			4	63	1.00				36
2	48	2.50							37
4	48	2.18½	5	44	2.55				38
6	48	2.29	5	44	2.55				39

[3] Boys.

[4] Including 7 boys.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

ELECTRIC LIGHT AND ICE (2 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Machinist:				
1	American	M.			
	Machinists' helper:				
2	Portuguese	M.			
	Meter man:				
3	American	M.			
	Meter men, assistant:				
4	American	M.			
	Meter man's helpers:				
5	American	M.			
	Office boy:				
6	Portuguese	M.			
	Oilers:				
7	Japanese	M.			
	Stablemen:				
8	American	M.			
9	Japanese	M.			
10	Portuguese	M.			
11	Total				
	Stenographer:				
12	American	F.			
	Storage man:				
13	Hawaiian	M.			
	Storekeepers:				
14	American	M.			
15	Portuguese	M.			
	Storekeeper's helper:				
16	Portuguese	M.			
	Superintendent:				
17	American	M.			
	Superintendent, electric-light plant:				
18	American	M.			
	Superintendent, ice factory:				
19	American	M.			
	Switchmen:				
20	American	M.			
21	German	M.			
	Tank men:				
22	American	M.			
23	Hawaiian	M.			
24	Japanese	M.			
25	Total				
	Teamsters, ice wagon:				
26	American	M.			
27	Canadian	M.			
28	German	M.			
29	Swedish	M.			
30	Total				
	Trimmer, arc:				
31	Portuguese	M.			
	Wiper:				
32	Japanese	M.			
	Wiremen:				
33	American	M.			
34	German	M.			
35	Hawaiian	M.			
36	Portuguese	M.			
37	Total				
	Wiremen's helpers:				
38	Hawaiian	M.			
39	Part-Hawaiian	M.			
40	Portuguese	M.			
41	Total	M.			

[1] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

ELECTRIC LIGHT AND ICE (2 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	63	$4.11				1
			1	63	2.50				2
1	48	$3.45	1	44	4.60				3
2	48	2.49½							4
			2	44	1.62½				5
			1	44	.83½				6
4	66	1.43½	6	80	1.20½	3	56	$1.21	7
1	66	2.35							8
2	66	1.15	4	64	1.11	2	56	1.16	9
			1	56	2.35				10
3	66	1.55	5	62.4	1.35½	2	56	1.16	11
			1	44	3.83½				12
						1	56	2.63	13
1	48	3.83½							14
			1	44	2.30				15
			[1]1	44	[1].83½				16
						1	56	4.93	17
			1	48	6.71				18
1	66*	4.47½	1	48	7.67				19
1	48	2.11							20
			1	63	2.30				21
			1	84	1.97½				22
			1	84	1.97½	2	56	1.97	23
						2	56	1.24	24
			2	84	1.97½	4	56	1.61	25
9	66	2.58	3	56	1.97½				26
			2	56	1.97½				27
			2	56	2.22				28
			1	56	1.97½				29
9	66	2.58	8	56	2.03½				30
			1	44	2.49				31
1	66	1.15							32
5	48	2.90	3	44	3.19				33
			1	44	3.50				34
			1	44	3.00				35
			1	44	2.00				36
5	48	2.90	6	44	3.01				37
			1	44	1.50				38
1	48	1.25							39
3	48	1.58½							40
4	48	1.50	1	44	1.50				41

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FERTILIZERS (2 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bag sewers:				
1	Japanese	F.			
2	Spanish	F.			
	Bookkeepers:				
3	American	M.			
4	German	M.			
	Carpenters:				
5	Japanese	M.			
	Chemists:				
6	American	M.			
7	German	M.			
	Chemist's helper:				
8	Portuguese	M.			
	Clerks:				
9	American	M.			
10	German	M.			
11	Total				
	Drivers:				
12	Hawaiian	M.			
	Engineers:				
13	American	M.			
14	Part-Hawaiian	M.			
15	Total				
	Engine-room men and firemen:				
16	Japanese	M.			
	Firemen:				
17	German	M.			
18	Japanese	M.			
19	Portuguese	M.			
20	Total				
	Foreman:				
21	American	M.			
	Foremen, laborers:				
22	Japanese	M.			
	Laborers:				
23	Chinese	M.			
24	Hawaiian	M.			
25	Japanese	M.			
26	Do	F.			
27	Korean	M.			
28	Portuguese	M.			
29	Total				
	Lead burner:				
30	Japanese	M.			
	Oiler:				
31	Japanese	M.			
	Overseers:				
32	Japanese	M.			
33	Portuguese	M.			
	Overseer, second:				
34	Hawaiian	M.			
	Stableman:				
35	German	M.			
	Stableman, second:				
36	Hawaiian	M.			
	Superintendent, acid department:				
37	German	M.			
	Superintendent, factory:				
38	German	M.			
	Watchman:				
39	German	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FERTILIZERS (2 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours. per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			6	56	$0.75				1
						4	53	$0.50	2
						1	53	4.79	3
1	53	$2.87½	1	56	5.75				4
						2	54.5	2.13	5
						1	53	6.71	6
1	53	7.67	1	56	9.58½				7
			1	56	1.25				8
			1	56	5.75	1	53	3.83	9
			1	56	4.79				10
			2	56	5.27	1	53	3.83	11
						8	53	1.67	12
1	53	5.75	1	72	6.39	1	53	5.75	13
			1	72	4.16½				14
1	53	5.75	2	72	5.27½	1	53	5.75	15
10	53	1.25							16
			1	72	1.75	1	77	2.25	17
						1	53	1.67	18
			1	72	1.50	1	77	2.00	19
			2	72	1.62½	3	69	1.97	20
						1	53	8.63	21
			6	56	1.61				22
1	53	1.25	1	56	1.25	2	54.5	1.38	23
						10	54.2	1.40	24
37	53	1.25	35	56	1.25	71	56.3	1.30	25
						10	56	.85	26
						1	56	1.25	27
			1	56	1.25				28
38	53	1.25	37	56	1.25	94	56	1.27	29
			1	56	2.49				30
						1	53	1.50	31
3	53	1.50							32
						1	53	3.83	33
						1	53	2.67	34
						1	53	2.17	35
						1	53	1.67	36
1	53	7.67	1	56	7.67				37
1	53	11.50	1	56	11.50				38
1	84	1.64½	1	84	1.97½				39

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FOUNDRY AND MACHINE SHOP (3 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment, and for 1905 for 3 establishments.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Blacksmiths:				
1	American	M.			
2	Canadian	M.	2	53	$4.50
3	English				
4	German	M.			
5	Hawaiian	M.	1	53	4.25
6	New Zealander	M.			
7	Portuguese	M.			
8	Scotch	M.	1	53	4.50
9	Total		4	53	4.43½
	Blacksmiths' apprentices:				
10	Dutch	M.	1	53	1.66½
11	German	M.			
12	Part-Hawaiian	M.			
13	Portuguese	M.			
14	Scotch	M.	1	53	1.16½
15	Total		2	53	1.41½
	Blacksmiths' helpers:				
16	Hawaiian	M.	6	53	1.64
17	Part-Hawaiian	M.			
18	Portuguese	M.	3	53	1.55½
19	Total		9	53	1.61
	Boiler makers:				
20	American	M.	7	53	4.50
21	Canadian	M.	1	53	4.50
22	English	M.	3	53	4.50
23	Hawaiian	M.			
24	Irish	M.	1	53	4.50
25	Portuguese	M.			
26	Scotch	M.	1	53	4.50
27	Swedish	M.	1	53	4.50
28	Total		14	53	4.50
	Boiler makers' apprentices:				
29	American	M.			
30	Hawaiian	M.			
31	Part-Hawaiian	M.			
32	Portuguese	M.			
33	Total				
	Boiler makers' helpers:				
34	American	M.			
35	German	M.			
36	Hawaiian	M.	32	53	1.59
37	Part-Hawaiian	M.			
38	Portuguese	M.	2	53	1.41½
39	Spanish	M.	1	53	1.66½
40	Total		35	53	1.58
	Bricklayer:				
41	English	M.			
	Bricklayer's helpers:				
42	Portuguese	M.			
	Carpenters:				
43	American	M.	2	53	4.50
44	German	M.	1	53	4.50
45	Hawaiian	M.	7	53	3.29½
46	Part-Hawaiian	M.			
47	Portuguese	M.	2	53	2.77½
48	Scotch	M.	2	53	4.50
49	Total		14	53	3.65

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FOUNDRY AND MACHINE SHOP (8 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment, and for 1905 for 3 establishments.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	53	$4.50	2	52	$4.37½	1	49.5	$7.00	1
									2
						2	49.5	4.75	3
			1	54	4.00				4
3	53	2.75				1	49.5	4.25	5
			1	54	4.50				6
1	53	2.00	1	54	3.75	1	52.5	3.75	7
									8
5	53	2.95	5	53.2	4.20	5	50.1	4.90	9
									10
			1	54	1.33½				11
						1	46.3	1.00	12
						1	46.3	.50	13
									14
			1	54	1.33½	2	46.3	.75	15
1	53	2.16½	5	51.6	1.73½	3	49.5	1.94	16
			1	54	2.17	2	47.9	2.50	17
2	53	1.41½	6	54	1.91½	5	50.1	1.53	18
3	53	1.66½	12	53	1.86	10	49.5	1.85	19
8	53	4.50	7	52.3	3.85½	11	49.5	5.07	20
									21
						2	49.5	6.25	22
4	53	2.12½	2	52	3.37½	2	47.9	4.50	23
			5	54	4.15				24
			2	54	2.75	1	46.3	5.00	25
									26
									27
12	53	3.71	16	53	3.75	16	49.1	5.14	28
			6	54	1.14				29
			13	54	1.41½				30
			1	54	1.50				31
			1	50	.50	2	46.3	1.33	32
			21	53.8	1.29½	2	46.3	1.33	33
						1	49.5	1.50	34
						1	49.5	2.00	35
13	53	1.46	20	52.4	1.74	41	48.9	1.59	36
						4	49.5	1.63	37
1	53	1.16½	1	50	1.16½	7	49.5	1.63	38
									39
14	53	1.44	21	52.3	1.71½	54	49	1.60	40
						1	48	6.00	41
						3	48	1.75	42
									43
									44
1	53	3.00				2	49.5	3.50	45
						2	48.2	2.50	46
			1	50	2.50	1	46.3	3.50	47
									48
1	53	3.00	1	50	2.50	5	48.3	3.10	49

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Carpenter's helpers:				
1	Hawaiian	M.			
	Chippers:				
2	German	M.	1	53	$1.50
3	Scotch	M.	1	53	3.50
4	Total		2	53	2.50
	Clerks:				
5	American	M.			
6	Chinese	M.			
7	English	M.			
8	Total				
	Clerk, shipping:				
9	Part-Hawaiian	M.			
	Coppersmith:				
10	Hawaiian	M.	1	53	3.00
	Coppersmith's helpers:				
11	Hawaiian	M.	1	53	1.33½
12	Part-Hawaiian	M.			
13	Total		1	53	1.33½
	Core makers:				
14	Hawaiian	M.			
15	Portuguese	M.			
16	Total				
	Core maker's apprentices:				
17	Portuguese	M.			
	Crane boy:				
18	Hawaiian	M.			
	Draftsmen:				
19	American	M.			
	Draftsmen's helper:				
20	Part-Hawaiian	M.			
	Driver:				
21	American	M.			
22	Hawaiian	M.			
23	Portuguese	M.			
24	Total				
	Engineer, stationary:				
25	Swedish	M.	1	53	3.00
	Engineer's helper, stationary:				
26	Norwegian	M.	1	53	1.50
	Firemen:				
27	German	M.	1	53	2.00
28	Hawaiian	M.	1	53	2.00
29	Portuguese	M.	1	53	3.00
30	Total		3	53	2.33½
	Foremen, blacksmiths:				
31	American	M.			
32	English	M.	1	53	7.00
33	New Zealander	M.			
34	Total		1	53	7.00
	Foremen, boiler makers:				
35	American	M.			
36	Canadian	M.	1	53	7.00
37	Scotch	M.			
38	Total		1	53	7.00
	Foreman, carpenters:				
39	American	M.	1	53	4.80

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						2	49.5	$2.25	1
									2
									3
									4
						1	50	2.88	5
						1	50	.77	6
						2	50	5.75	7
						4	50	3.79	8
						1	54	3.00	9
						1	49.5	3.75	10
						1	49.5	2.50	11
						1	49.5	1.00	12
						2	49.5	1.75	13
						5	48.2	2.92	14
						2	49.5	1.92	15
						7	48.6	2.63	16
						3	49.5	.72	17
						1	46.3	1.00	18
			4	54	$3.25	1	48	4.00	19
						1	48	1.33	20
						1	50	2.50	21
						1	50	2.50	22
						1	54	2.50	23
						3	51.3	2.50	24
									25
									26
									27
									28
						1	46.3	2.00	29
						1	46.3	2.00	30
1	53	$7.00				1	46.3	6.00	31
									32
			1	54	7.00				33
1	53	7.00	1	54	7.00	1	46.3	6.00	34
1	53	7.00	1	50	6.00	1	46.3	6.00	35
									36
			1	54	7.00				37
1	53	7.00	2	52	6.50	1	46.3	6.00	38
									39

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foremen, laborers:				
1	American	M.	1	53	$2.50
2	English	M.	2	53	3.00
3	German	M.	1	53	2.25
4	Hawaiian	M.	2	53	3.00
5	Portuguese	M.	2	53	2.75
6	Total	.....	8	53	2.78
	Foremen, machinists:				
7	American	M.	.....	.....	.....
8	English	M.	.....	.....	.....
9	Scotch	M.	1	53	7.00
	Foreman, machinist, assistant:				
10	American	M.	.....	.....	.....
	Foremen, molders:				
11	American	M.	.....	.....	.....
12	Part-Hawaiian	M.	.....	.....	.....
13	Scotch	M.	1	53	7.00
14	Swedish	M.	.....	.....	.....
15	Total	.....	1	53	7.00
	Foremen, pattern makers:				
16	American	M.	.....	.....	.....
17	English	M.	.....	.....	.....
18	Portuguese	M.	.....	.....	.....
19	Scotch	M.	1	53	7.00
20	Total	.....	1	53	7.00
	Foreman, warehouse:				
21	Part-Hawaiian	M.	.....	.....	.....
	Janitors:				
22	Chinese	M.	.....	.....	.....
23	Portuguese	M.	.....	.....	.....
24	Total	.....	.....	.....	.....
	Laborers:				
25	African	M.	1	53	1.50
26	American	M.	7	53	1.33½
27	Filipino	M.	3	53	1.66⅔
28	German	M.	2	53	2.00
29	Hawaiian	M.	90	53	1.42½
30	Portuguese	M.	48	53	1.45
31	Russian	M.	1	53	2.00
32	Samoan	M.	1	53	1.66½
33	Total	.....	153	53	1.45
	Machinists:				
34	American	M.	14	53	3.96½
35	Danish	M.	.....	.....	.....
36	English	M.	2	53	5.00
37	French	M.	.....	.....	.....
38	German	M.	2	53	4.12½
39	Hawaiian	M.	6	53	3.58½
40	Part-Hawaiian	M.	.....	.....	.....
41	Irish	M.	1	53	4.50
42	Italian	M.	1	53	4.50
43	Norwegian	M.	.....	.....	.....
44	Polish	M.	1	53	3.00
45	Porto Rican	M.	.....	.....	.....
46	Portuguese	M.	.....	.....	.....
47	Scotch	M.	3	53	3.66⅔
48	Swedish	M.	1	53	4.25
49	Total	.....	31	53	3.95
	Machinists' apprentices:				
50	American	M.	3	53	.89
51	English	M.	1	53	.58½
52	German	M.	3	53	1.08½

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day	Employees.	Average hours per week.	Average wages per day.	
									1
									2
									3
									4
									5
									6
1	53	$7.00	1	54	$7.00				7
						1	46.3	$6.00	8
									9
1	53	5.25							10
1	53	7.00	1	50	6.00				11
						1	46.3	6.00	12
									13
			1	54	7.00				14
1	53	7.00	2	52	6.50	1	46.3	6.00	15
1	53	7.00							16
			1	50	6.00	1	46.3	5.50	17
			1	54	6.00				18
									19
1	53	7.00	2	52	6.00	1	46.3	5.50	20
			1	54	3.50				21
						2	29.5	1.04	22
						1	63	1.50	23
						3	40.7	1.19	24
									25
									26
									27
									28
3	53	2.05½	2	54	2.00				29
6	53	1.80½	4	54	2.00				30
									31
									32
9	53	1.89	6	54	2.00				33
22	53	4.15	31	53.4	3.96	2	49.4	3.75	34
			1	54	4.00				35
			5	50.8	3.95				36
			1	54	4.50				37
			1	54	4.00	1	46.3	5.00	38
14	53	2.41	3	54	2.66½				39
			3	52.7	3.66½				40
			1	54	4.00				41
									42
1	53	4.25				1	46.3	2.50	43
									44
			1	54	2.50				45
4	53	2.25	4	53	3.04½	1	46.3	3.50	46
			4	54	4.00	1	52.5	4.00	47
			1	50	2.50				48
41	53	3.37	56	53.1	3.77	6	48.4	3.75	49
			22	54	1.21½	3	46.3	1.17	50
									51
									52

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Machinists' apprentices (concluded):				
1	Guam Islander	M.	1	53	$1.66½
2	Hawaiian	M.	9	53	.88
3	Part-Hawaiian	M.			
4	Irish	M.	1	53	.91½
5	Norwegian	M.	2	53	.58½
6	Portuguese	M.	3	53	.83½
7	Total		23	53	.90
	Machinists' helpers:				
8	American	M.	2	53	2.00
9	Hawaiian	M.	2	53	2.00
10	Hungarian	M.	1	53	2.00
11	Portuguese	M.			
12	Total		5	53	2.00
	Machine-shop hands:				
13	American	M.			
14	English	M.			
15	Filipino	M.			
16	German	M.			
17	Guam Islander	M.			
18	Hawaiian	M.			
19	Part-Hawaiian	M.			
20	Norwegian	M.			
21	Portuguese	M.			
22	Tahitian	M.			
23	Total				
	Messengers:				
24	American	M.			
25	Portuguese	M.			
	Molders:				
26	American	M.	12	53	4.40
27	English	M.			
28	Hawaiian	M.	6	53	3.30
29	Part-Hawaiian	M.			
30	Irish	M.	1	53	4.40
31	Portuguese	M.			
32	Scotch	M.	1	53	4.95
33	Total		20	53	4.09½
	Molders' apprentices:				
34	American	M.			
35	English	M.	1	53	1.16½
36	Hawaiian	M.	1	53	.50
37	Norwegian	M.			
38	Portuguese	M.	1	53	1.00
39	Total		3	53	.89
	Molders' helpers:				
40	American	M.			
41	Hawaiian	M.	14	53	1.63
42	Portuguese	M.	6	53	1.50
43	Total		20	53	1.59
	Molders, shop:				
44	American	M.			
45	Hawaiian	M.			
46	Part-Hawaiian	M.			
47	Portuguese	M.			
48	Total				
	Office boys:				
49	American	M.			
50	Portuguese	M.			

[1] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FOUNDRY AND MACHINE SHOP (3 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
									1
24	53	$1.03	20	54	$1.37½				2
						6	47.3	$1.33	3
									4
1	53	.91½							5
4	53	1.41½				1	52.5	1.25	6
29	53	1.08	42	54	1.29	10	47.5	1.27	7
			6	52.7	1.96				8
			6	53.3	2.04	1	70	1.50	9
									10
			5	52.4	1.88½	1	46.3	2.00	11
			17	52.8	1.96½	2	58.2	1.75	12
						42	49.5	3.46	13
						7	49.5	3.45	14
						2	49.5	1.75	15
						5	49.5	3.18	16
						1	49.5	3.00	17
						27	49.5	1.96	18
						22	49.5	2.28	19
						1	49.5	4.50	20
						19	49.5	2.51	21
						1	49.5	2.00	22
						127	49.5	2.75	23
			1	54	1.00				24
						1	45	.50	25
6	53	4.08½	3	54	3.38½	10	49.2	4.50	26
			1	50	4.40				27
8	53	2.78	8	54	3.16½	5	48.9	3.45	28
			2	52	4.26	2	49.5	3.63	29
			2	54	4.40				30
1	53	3.00				4	49.5	3.17	31
			4	54	4.53½				32
15	53	3.31½	20	53.6	3.76½	21	49.2	3.91	33
			24	54	1.42	2	46.3	.92	34
									35
[1] 1	53	[1] 1.08½	14	54	1.51½				36
			1	50	.50				37
[2] 2	53	[2] .66½	1	50	.66½	1	46.3	.50	38
[2] 3	53	[2] .80½	40	53.8	1.41	3	46.3	.78	39
			1	54	2.08	1	46.3	1.84	40
18	53	1.60	4	51	1.75	6	46.3	1.64	41
10	53	1.58½	6	52	1.87½	2	46.3	1.96	42
28	53	1.59½	11	51.8	1.85	9	46.3	1.73	43
						3	49.5	3.97	44
						10	49.5	1.73	45
						2	49.5	2.00	46
						35	49.5	1.67	47
						50	49.5	1.83	48
			1	54	.50				49
1	53	.66½				3	51	.68	50

[2] Boys.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FOUNDRY AND MACHINE SHOP (3 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Pattern makers:				
1	American	M.			
2	English	M.	1	53	$4.00
3	Hawaiian	M.	1	53	2.50
4	Part-Hawaiian	M.			
5	Portuguese	M.	3	53	3.33½
6	Scotch	M.	2	53	4.00
7	Swedish	M.	1	53	4.00
8	Total	.....	8	53	3.56½
	Pattern makers' apprentices:				
9	American	M.			
10	Hawaiian	M.	1	53	.66½
11	Portuguese	M.	3	53	.55½
12	Total	.....	4	53	.58½
	Pattern-shop hands:				
13	American	M.			
14	Part-Hawaiian	M.			
15	Portuguese	M.			
16	Total	.....			
	Porters:				
17	Hawaiian	M.			
18	Portuguese	M.			
19	Total	.....			
	Rivet heaters:				
20	Hawaiian	M.	4	53	.91½
21	Portuguese	M.	1	53	1.00
22	Total	.....	5	53	.93½
	Storekeeper:				
23	American	M.			
	Storekeepers, assistant:				
24	American	M.			
25	Part-Hawaiian	M.			
26	Total	.....			
	Structural ironworkers:				
27	American	M.	1	53	3.50
28	Norwegian	M.	1	53	3.25
29	Total	.....	2	53	3.37½
	Teamsters:				
30	Hawaiian	M.	3	53	1.50
	Telephone operator:				
31	Hawaiian	M.			
	Treasurer and bookkeeper:				
32	English	M.			
	Warehousemen:				
33	American	M.			
34	Hawaiian	M.			
35	Part-Hawaiian	M.			
36	Portuguese	M.			
37	Total	.....			
	Watchmen:				
38	German	M.			
39	Hawaiian	M.	1	53	2.00
40	Portuguese	M.			
41	Total	.....	1	53	2.00
	Watchman and weigher:				
42	American	M.			
	Wiper and oiler:				
43	American Negro	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FOUNDRY AND MACHINE SHOP (3 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	53	$4.50	3	52.7	$4.00				1
									2
3	53	3.50	3	54	3.08½				3
			1	50	4.50				4
3	53	3.75	2	54	3.75	1	46.3	$3.50	5
			1	54	4.50				6
									7
7	53	3.75	10	53.2	3.77½	1	46.3	3.50	8
			7	54	1.09½				9
3	53	1.05½	1	54	1.00				10
						1	46.3	1.33	11
3	53	1.05½	8	54	1.08½	1	46.3	1.33	12
						1	49.5	3.00	13
						2	49.5	3.46	14
						10	49.5	2.58	15
						13	49.5	2.75	16
14	53	1.74							17
5	53	1.76½							18
19	53	1.74½							19
									20
									21
									22
						1	50	4.79	23
						1	50	.50	24
						1	50	.83	25
						2	50	.67	26
									27
									28
									29
									30
						1	45	1.15	31
						1	50	9.58	32
						1	50	1.50	33
			10	54	1.68½	14	50	1.66	34
			2	54	1.99½	6	50	2.50	35
			1	54	1.66½	2	50	1.67	36
			13	54	1.73	23	50	1.87	37
						1	91	1.71	38
									39
						1	96.3	2.00	40
						2	93.7	1.86	41
						1	63	3.00	42
			1	50	1.66½				43

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FRUIT RAISING (2 establishments).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Blacksmiths:				
1	Japanese	M.			
	Carpenter:				
2	Japanese	M.			
	Clerk:				
3	English	M.			
	Engineers:				
4	Japanese	M.			
5	Portuguese	M.			
6	Total				
	Factory hands:				
7	Chinese	M.			
8	Japanese	M.			
9	Do	F.			
10	Total				
	Field hands:				
11	Japanese	M.			
12	Do	F.			
13	Total				
	Laborers:				
14	Japanese	M.			
15	Do	F.			
16	Total				
	Manager:				
17	English	M.			
	Overseer:				
18	Part-Hawaiian	M.			
	Overseer, field:				
19	Japanese	M.			
	Plow hand:				
20	Japanese	M.			
	Teamster:				
21	Japanese	M.			

FURNITURE (3 establishments).

	Bamboo furniture makers:				
22	Japanese	M.			
	Bed enameler:				
23	Portuguese	M.			
	Cabinetmakers:				
24	Japanese	M.			
25	Portuguese	M.			
26	Spanish	M.			
27	Total				
	Helpers:				
28	American	M.			
29	Hawaiian	M.			
30	Portuguese	M.			
31	Total				
	Mattress makers:				
32	Hawaiian	M.			
33	Part-Hawaiian	M.			
34	Total				
	Salesmen:				
35	Canadian	M.			
36	Portuguese	M.			
37	Total				

[1] Including 1 boy.

[2] Not reported.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FRUIT RAISING (2 establishments).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						2	59.8	$1.38	1
						1	59.5	1.50	2
						1	60	3.83	3
						1	60	1.50	4
						1	59.5	3.00	5
						2	59.8	2.25	6
						10	60	1.00	7
						41	60	.82	8
						15	60	.50	9
						66	60	.77	10
						4	60	.80	11
						6	60	.50	12
						10	60	.62	13
						[1] 71	59.5	[1] .94	14
						39	59.5	.50	15
						[1] 110	59.5	[1] .78	16
						1	60	3.26	17
						1	59.5	2.00	18
						1	60	1.50	19
						1	60	1.00	20
						1	60	.90	21

FURNITURE (3 establishments).

						2	([2])	$0.90	22
						1	54	2.00	23
						1	([2])	1.07	24
						5	53.2	2.53	25
						1	53	2.50	26
						7	[3] 53.2	2.32	27
						1	53	1.25	28
						2	53	1.50	29
						7	53.9	1.23	30
						10	53.6	1.29	31
						4	53.5	2.29	32
						1	54.0	1.50	33
						5	53.6	2.13	34
						1	54	2.88	35
						1	54	3.45	36
						2	54	3.17	37

[3] Hours reported for 6 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

FURNITURE (3 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Sewing girl:				
1	Portuguese	F.			
	Shade maker:				
2	Chinese	M.			
	Spring maker:				
3	Japanese	M.			
	Upholsterers:				
4	American	M.			
5	Danish	M.			
6	Total				

GAS MAKING (1 establishment).

	Fitters:				
7	American	M.			
8	Part-Hawaiian	M			
9	Total				
	Fitters, foreman:				
10	Part-Hawaiian	M.			
	Fitters' helpers:				
11	American	M.			
12	Portuguese	M.			
13	Total				
	Gas maker:				
14	American	M.			
	Laborers:				
15	Japanese	M.			
16	West Indian	M.			
17	Total				
	Lamp trimmers:				
18	Japanese	M.			
19	Portuguese	M.			
20	Total				
	Solicitor:				
21	American	M.			
	Superintendent of works:				
22	English	M.			

HARNESS MAKING (4 establishments).

[Data for 1905 are for 1 establishment.]

	Harness makers:				
23	American	M.			
24	Canadian	M.			
25	English	M.			
26	Hawaiian	M.			
27	Japanese	M.			
28	Total				
	Harness makers' helper:				
29	Hawaiian	M.			
	Manager and saddle maker:				
30	American	M.			
	Trimmers:				
31	American	M.			
32	Hawaiian	M.			
33	Total				

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

FURNITURE (3 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	53	$1.25	1
						1	54	1.67	2
						1	54	1.50	3
						1	54	4.98	4
						1	53	4.00	5
						2	53.5	4.49	6

GAS MAKING (1 establishment).

						3	54	$3.17	7
						1	54	3.50	8
						4	54	3.25	9
						1	63	3.62	10
						2	54	2.00	11
						2	54	2.00	12
						4	54	2.00	13
						2	63	3.45	14
						6	63	1.50	15
						1	63	1.50	16
						7	63	1.50	17
						3	54	1.25	18
						1	54	1.50	19
						4	54	1.31	20
						1	54	2.88	21
						1	63	4.93	22

HARNESS MAKING (4 establishments).

[Data for 1905 are for 1 establishment.]

			1	54	$3.00				23
			1	54	2.50				24
						1	53	$3.00	25
			1	54	2.50	2	53	1.75	26
						1	72	.84	27
			3	54	2.66⅔	4	57.8	1.84	28
			1	54	1.83⅓				29
						1	53	5.00	30
						1	53	3.00	31
						1	53	1.50	32
						2	53	2.25	33

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

HAT MAKING (5 establishments).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Hat makers:				
1	Hawaiian	F.			
2	Japanese	M.			
3	Do	F.			
4	Total				
	Hat trimmers:				
5	American	F.			
6	Japanese	F.			
7	Portuguese	F.			
8	Total				
	Hat trimmers' helpers:				
9	Portuguese	F.			

JEWELRY AND WATCH MAKING (4 establishments).

	Copper-plate printers:				
10	Chinese	M.			
	Enameler:				
11	Portuguese	M.			
	Engravers:				
12	German	M.			
13	Part-Hawaiian	M.			
14	Portuguese	M.			
15	Total				
	Foreman:				
16	Chinese	M.			
	Goldsmith:				
17	Chinese	M.			
	Gold workers:				
18	Chinese	M.			
	Gold worker, assistant:				
19	Chinese	M.			
	Gold workers' helper:				
20	Chinese	M.			
	Jewelers:				
21	English	M.			
22	Chinese	M.			
23	Hawaiian	M.			
24	Part-Hawaiian	M.			
25	Portuguese	M.			
26	Total				
	Jewelers' apprentices:				
27	Hawaiian	M.			
28	Do	F.			
29	Portuguese	M.			
30	Do	F.			
31	Total				
	Manager:				
32	Chinese	M.			
	Polisher:				
33	Hawaiian	F.			
	Treasurer:				
34	Chinese	M.			
	Watchmakers:				
35	American	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY AND 1910—Continued.

HAT MAKING (5 establishments).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	54.	$1.53	1
						11	57.3	.98	2
						2	60	.60	3
						14	57.5	.97	4
						1	48	1.84	5
						1	54	.50	6
						3	56	1.75	7
						5	54	1.52	8
						2	48	.37	9

JEWELRY AND WATCH MAKING (4 establishments).

						2	54	$1.50	10
						1	53	1.54	11
						2	54	4.00	12
						1	54	3.50	13
						1	53	.92	14
						4	53.8	3.11	15
						1	60	1.57	16
						1	60	1.53	17
						3	60	1.50	18
						1	60	1.27	19
						1	60	.96	20
						1	53	1.40	21
						2	53.5	2.17	22
						1	54	1.75	23
						2	54	3.13	24
						6	53.7	2.29	25
						12	53.7	2.29	26
						3	53	.50	27
						1	54	.50	28
						7	53.7	.52	29
						2	54	.67	30
						13	53.6	.54	31
						1	60	1.50	32
						1	54	1.25	33
						1	60	1.57	34
						3	53.7	4.56	35

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

LAUNDRY (5 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bookkeepers:				
1	American	M.			
2	Do	F.			
3	Total				
	Clerk:				
4	American	F.			
	Collar finisher:				
5	Portuguese	F.			
	Collector:				
6	American	M.			
	Deliveryman:				
7	English	M.			
	Drivers:				
8	American	M.			
9	English	M.			
10	German	M.			
11	Part-Hawaiian	M.			
12	Portuguese	M.			
13	Total				
	Engineers:				
14	American	M.			
15	German	M.			
16	Japanese	M.			
	Firemen:				
17	Chinese	M.			
18	Greek	M.			
19	Japanese	M.			
20	Polish	M.			
21	Total				
	Folder, assistant:				
22	Portuguese	F.			
	Folder, head:				
23	Portuguese	F.			
	Foremen:				
24	American	M.			
	Forewomen:				
25	American	F.			
26	Part-Hawaiian	F.			
27	Portuguese	F.			
28	Total				
	Forewomen, manglers:				
29	Part-Hawaiian	F.			
30	Portuguese	F.			
	Forewoman, polishers:				
31	Hawaiian	F.			
	Ironers:				
32	American	F.			
33	Hawaiian	F.			
34	Portuguese	F.			
35	Spanish	F.			
36	Total				
	Ironers, hand:				
37	Hawaiian	F.			
38	Mulatto	F.			
39	Portuguese	F.			
40	Total				

[1] Including 1 girl.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

LAUNDRY (5 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	48	$2.50				1
			1	48	1.66⅔				2
			2	48	2.08⅓				3
1	60	$2.00							4
						1	54	$0.84	5
						1	54	2.50	6
						1	48	1.67	7
3	60	2.61	3	60	2.22	5	54	2.33	8
			1	60	2.50				9
						1	54	1.00	10
1	60	1.66⅔							11
			1	60	.83⅓	2	54	1.84	12
4	60	2.37½	5	60	2.00	8	54	2.04	13
			1	60	3.33⅓				14
1	60	3.33⅓							15
						1	54	2.50	16
			1	60	2.00				17
						1	54	1.50	18
			1	60	3.00	1	54	1.50	19
1	60	1.66⅔							20
1	60	1.66⅔	2	60	2.50	2	54	1.50	21
						1	54	.67	22
						1	54	1.33	23
						2	51	4.48	24
			1	60	3.33⅓				25
						1	54	2.50	26
						1	54	1.15	27
			1	60	3.33⅓	2	54	1.83	28
1	60	1.66⅔							29
			1	60	1.66⅔				30
1	60	2.00							31
			1	60	1.33⅓				32
			5	60	1.10	22	54	.92	33
1	60	1.33⅓	[1] 5	60	[1] .85	11	57.3	.93	34
						1	54	.75	35
1	60	1.33⅓	[1] 11	60	[1] 1.01	34	55.1	.92	36
						2	54	.65	37
						1	54	.65	38
						13	54	.68	39
						16	54	.67	40

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

LAUNDRY (5 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Janitors:				
1	American Negro	M.			
2	Do	F.			
3	Total				
	Laundresses:				
4	Hawaiian	F.			
5	Portuguese	F.			
6	Total				
	Machine girls:				
7	Portuguese	F.			
	Machine hands:				
8	American Negro	F.			
9	German	M.			
10	Hawaiian	M.			
11	Do	F.			
12	Polish	F.			
13	Porto Rican	F.			
14	Portuguese	F.			
15	Total				
	Machine workers:				
16	Hawaiian	F.			
17	Portuguese	F.			
18	Spanish	F.			
19	Total				
	Manglers:				
20	Porto Rican	F.			
21	Portuguese	F.			
22	Total				
	Mangler, head:				
23	Part-Hawaiian	F.			
	Mangle workers:				
24	Portuguese	F.			
	Markers:				
25	American	M.			
26	Negro	M.			
27	Hawaiian	M.			
28	Portuguese	M.			
29	Total				
	Markers and sorters:				
30	American	M.			
31	Hawaiian	M.			
32	Portuguese	M.			
33	Total				
	Mender:				
34	Portuguese	F.			
	Office and delivery:				
35	Chinese	M.			
	Office girls:				
36	Portuguese	F.			
	Shakers:				
37	Portuguese	M.			
	Stable boy:				
38	Japanese	M.			
	Stableman:				
39	Japanese	M.			

[1] Irregular. [2] Including 1 girl. [3] Including 2 girls.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

LAUNDRY (5 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	1	(1)	$0.58½	.....	.....	.....	1
.....	.....	.....	1	(1)	.58½	.....	.....	.....	2
.....	.....	.....	2	(1)	.58½	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	2	48	$0.83	4
.....	.....	.....	.....	.....	.....	1	48	1.33	5
.....	.....	.....	.....	.....	.....	3	48	1.00	6
.....	.....	.....	.....	.....	.....	2	54	.92	7
2	60	$0.75	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	1	60	1.00	.....	.....	.....	9
.....	.....	.....	1	60	1.00	.....	.....	.....	10
[2] 6	60	[2].86	3	60	2.00	.....	.....	.....	11
1	60	.66½	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	1	60	.83½	.....	.....	.....	13
[3] 11	60	[3].77	2	60	0.83½	.....	.....	.....	14
[4] 20	60	[4].79	8	60	1.31½	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	4	54	.67	16
.....	.....	.....	.....	.....	.....	5	54	.67	17
.....	.....	.....	.....	.....	.....	2	54	.71	18
.....	.....	.....	.....	.....	.....	11	54	.68	19
.....	.....	.....	[5]2	60	[5].50	.....	.....	.....	20
.....	.....	.....	[5]11	60	[5].68½	2	54	.58	21
.....	.....	.....	[5]13	60	[5].65½	2	54	.58	22
.....	.....	.....	.....	.....	.....	1	54	.83	23
.....	.....	.....	.....	.....	.....	10	54	.54	24
.....	.....	.....	.....	.....	.....	1	54	3.00	25
.....	.....	.....	.....	.....	.....	1	54	2.30	26
.....	.....	.....	.....	.....	.....	6	54	1.59	27
.....	.....	.....	.....	.....	.....	1	54	1.35	28
.....	.....	.....	.....	.....	.....	9	54	1.80	29
2	60	3.00	1	60	2.50	.....	.....	.....	30
.....	.....	.....	1	60	1.83½	.....	.....	.....	31
.....	.....	.....	1	60	1.00	.....	.....	.....	32
2	60	3.00	3	60	1.78	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	1	60	.67	34
.....	.....	.....	.....	.....	.....	1	48	2.00	35
.....	.....	.....	.....	.....	.....	2	54	.84	36
.....	.....	.....	.....	.....	.....	2	54	.46	37
.....	.....	.....	.....	.....	.....	1	54	1.33	38
.....	.....	.....	1	60	.83½	.....	.....	.....	39

[4] Including 3 girls.

[5] Girls.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

LAUNDRY (5 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Starchers:				
1	American	M.			
2	Portuguese	M.			
3	Total				
	Superintendent:				
4	American	M.			
	Towel boy:				
5	Hawaiian	M.			
	Washers:				
6	French	M.			
7	Portuguese	M.			
8	Total				
	Washer, head:				
9	Chinese	M.			
	Washers, fancy:				
10	Japanese	F.			
11	Portuguese	F.			
12	Total				
	Washer, flannel:				
13	Hawaiian	F.			
	Watchman:				
14	Japanese	M.			
	Wrappers:				
15	Hawaiian	F.			
16	Portuguese	F.			
17	Total				
	Wringers;				
18	Chinese	M.			
19	Portuguese	M.			
20	Total				
	Wringer boy:				
21	American	M.			
	LIME (1 establishment).				
	Coopers:				
22	Japanese	M.			
	Laborers:				
23	Hawaiian	M.			
24	Japanese	M.			
25	Portuguese	M.			
26	Total				
	Lime burners:				
27	Portuguese	M.			
	MACARONI (3 establishments).				
	Cook:				
28	Japanese	F.			
	Macaroni factory hands:				
29	Japanese	M.			
30	Do	F.			
31	Total				
	Macaroni makers:				
32	Japanese	M.			

[1] Boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

LAUNDRY (5 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
[1] 1	60	[1] $0.75	.....	.....	.....	.....	.....	.....	1
1	60	1.33½	2	60	$0.83½	.....	.....	.....	2
[2] 2	60	[2] 1.04½	2	60	.83½	.....	.....	.....	3
1	60	4.79	.....	.....	.....	.....	.....	.....	4
1	60	.83½	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	2	60	$2.25	6
.....	.....	.....	.....	.....	.....	4	57	1.34	7
.....	.....	.....	.....	.....	.....	6	58	1.64	8
.....	.....	.....	.....	.....	.....	1	54	1.73	9
.....	.....	.....	.....	.....	.....	1	54	.67	10
.....	.....	.....	.....	.....	.....	1	54	.67	11
.....	.....	.....	.....	.....	.....	2	54	.67	12
.....	.....	.....	.....	.....	.....	1	54	.96	13
.....	.....	.....	.....	.....	.....	1	54	.58	14
.....	.....	.....	.....	.....	.....	1	60	1.00	15
.....	.....	.....	.....	.....	.....	1	54	.58	16
.....	.....	.....	.....	.....	.....	2	57	.79	17
.....	.....	.....	.....	.....	.....	1	54	1.34	18
.....	.....	.....	.....	.....	.....	2	54	1.21	19
.....	.....	.....	.....	.....	.....	3	54	1.25	20
1	60	1.00	.....	.....	.....	.....	.....	.....	21

LIME (1 establishment.

.....	.....	.....	.....	.....	.....	8	54	$1.50	22
.....	.....	.....	.....	.....	.....	6	63	1.54	23
.....	.....	.....	.....	.....	.....	14	60.6	1.18	24
.....	.....	.....	.....	.....	.....	10	63	1.70	25
.....	.....	.....	.....	.....	.....	30	61.9	1.43	26
.....	.....	.....	.....	.....	.....	4	77	2.25	27

MACARONI (3 establishments).

.....	.....	.....	.....	.....	.....	1	66	$0.54	28
.....	.....	.....	.....	.....	.....	11	61.6	.60	29
.....	.....	.....	.....	.....	.....	7	62.6	.59	30
.....	.....	.....	.....	.....	.....	18	62.0	.60	31
.....	.....	.....	.....	.....	.....	5	66	.84	32

[2] Including 1 boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

MATTRESSES, WIRE (1 establishment).

Marginal number.	Occupation and nationality or race.	Sex.	1900-1901		
			Employees.	Average hours per week.	Average wages per day.
	Wire mattress makers:				
1	Japanese	M.			

NEWS AGENCY (1 establishment).

	Bookkeeper:				
2	Part-Hawaiian	M.			
	Clerks:				
3	English	M.			
4	Part-Hawaiian	M.			
5	Japanese	M.			
6	Total				
	Clerk and stenographer:				
7	English	F.			
	Clerk, music:				
8	Part-Hawaiian	M.			
	Delivery boys:				
9	Chinese	M.			
10	Japanese	M.			
11	Total				
	Manager:				
12	American	M.			
	Salesman:				
13	American	M.			

PAINT (1 establishment).

	Paint cooker:				
14	Hawaiian	M.			
	Paint mixer:				
15	Part-Hawaiian	M.			

PINEAPPLE PLANTATIONS (5 establishments).

	Blacksmith:				
16	Japanese	M.			
	Blacksmith's helper:				
17	Japanese	M.			
	Boiler tender:				
18	Japanese	M.			
	Bookkeeper:				
19	American	M.			
	Bookkeeper's assistant:				
20	American	M.			
	Box makers:				
21	Chinese	M.			
	Carpenters:				
22	Japanese	M.			
	Capper:				
23	Part-Hawaiian	M.			
	Chief cooker:				
24	Hawaiian	M.			
	Cleaner:				
25	Hawaiian	M.			
	Clerks, store:				
26	Japanese	M.			
	Clerk, warehouse:				
27	Chinese	M.			
	Cook:				
28	Chinese	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

MATTRESSES, WIRE (1 establishment).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						2	54	$1.25	1

NEWS AGENCY (1 establishment).

						1	54	$2.88	2
						1	54	2.50	3
						1	54	1.50	4
						1	54	1.50	5
						3	54	1.83	6
						1	54	1.67	7
						1	54	2.49	8
						1	54	.83	9
						1	54	1.00	10
						2	54	.92	11
						1	54	4.79	12
						1	54	4.79	13

PAINT (1 establishment).

						1	48	$2.00	14
						1	48	3.00	15

PINEAPPLE PLANTATIONS (5 establishments).

						1	60	$1.92	16
						1	60	.90	17
						1	66.5	1.90	18
						1	60	5.75	19
						1	60	2.68	20
						9	57	1.15	21
						3	59	1.23	22
						1	60	.75	23
						1	57	1.66	24
						1	57	.71	25
						2	60	1.15	26
						1	57	1.62	27
						1	84	1.15	28

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PINEAPPLE PLANTATIONS (5 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Cultivators:				
1	Japanese	M.			
	Engineer:				
2	Japanese	M.			
	Factory hands:				
3	Japanese	M.			
4	Do	F.			
5	Korean	F.			
6	Portuguese	M.			
7	Total				
	Field foremen:				
8	Chinese	M.			
9	Japanese	M.			
10	Total				
	Field hands:				
11	Japanese	M.			
12	Korean	M.			
13	Total				
	Foremen:				
14	Hawaiian	M.			
15	Do	F.			
16	Portuguese	M.			
17	Total				
	General factory workers:				
18	Hawaiian	M.			
19	Japanese	M.			
20	Total				
	Graders:				
21	Hawaiian	F.			
22	Japanese	F.			
23	Total				
	Labeler:				
24	American	F.			
	Laborers:				
25	Hawaiian	M.			
26	Japanese	M.			
27	Total				
	Laborers, field:				
28	Chinese	M.			
29	Japanese	M.			
30	Do	F.			
31	Total				
	Machinists:				
32	Japanese	M.			
	Manager:				
33	American	M.			
	Oiler:				
34	Japanese	M.			
	Overseers:				
35	Chinese	M.			
36	Japanese	M.			
37	Total				
	Overseer, field:				
38	English	M.			
	Overseer, teamsters:				
39	Hawaiian	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PINEAPPLE PLANTATIONS (5 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						7	60	$0.80	1
						1	60	1.25	2
						343	60	.85	3
						90	60	.55	4
						10	60	.55	5
						5	60	.85	6
						448	60	.78	7
						1	66.5	1.64	8
						2	59.5	1.13	9
						3	61.8	1.30	10
						100	59.8	.80	11
						6	60.0	.80	12
						106	59.8	.80	13
						1	57	2.38	14
						1	54	.90	15
						1	66.5	2.61	16
						3	59.2	1.96	17
						11	60	.71	18
						17	60	.90	19
						28	60	.83	20
						2	54	.68	21
						8	54	.63	22
						10	54	.64	23
						1	60	1.00	24
						1	57	1.19	25
						3	57	.86	26
						4	57	.94	27
						5	60	.95	28
						84	60	1.03	29
						16	54	.59	30
						105	59.1	.96	31
						5	62.6	1.46	32
						1	20	3.83	33
						1	60	1.25	34
						1	60	1.30	35
						7	60	1.30	36
						8	60	1.30	37
						1	60	3.83	38
						1	60	1.00	39

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PINEAPPLE PLANTATIONS (5 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Packers:				
1	Chinese	M.			
2	Hawaiian	F.			
3	Japanese	M.			
4	Portuguese	F.			
5	Total				
	Peelers:				
6	Japanese	M.			
	Pickers and harvesters:				
7	Chinese	M.			
8	Japanese	M.			
9	Total				
	Receiver:				
10	Portuguese	M.			
	Seamers:				
11	Japanese	M.			
	Selectors:				
12	Japanese	F.			
	Shippers:				
13	Portuguese	M.			
	Stablemen:				
14	Hawaiian	M.			
15	Japanese	M.			
16	Total				
	Storekeepers:				
17	Chinese	M.			
18	German	M.			
19	Total				
	Superintendent, cannery:				
20	American	M.			
	Sirup maker:				
21	Portuguese	M.			
	Team boss:				
22	Chinese	M.			
	Teamsters:				
23	Chinese	M.			
24	Hawaiian	M.			
25	Japanese	M.			
26	Total				
	Teamsters and cultivators:				
27	Chinese	M.			
28	Japanese	M.			
29	Total				
	Warehousemen:				
30	Chinese	M.			
	Watchman:				
31	Japanese	M.			
	Yardman:				
32	Japanese	M.			

PLANING MILLS (3 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment and for 1905 for 4 establishments.]

	Band sawyer:				
33	American	M.			
	Band sawyer's helper:				
34	American	M.			

[1] Not reported. [2] Per cent of profit only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PINEAPPLE PLANTATIONS (5 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	57	$1.66	1
						19	60	.54	2
						27	57	1.05	3
						2	60	.50	4
						49	58.3	.84	5
						14	60	1.00	6
						10	60	.90	7
						25	60	.90	8
						35	60	.90	9
						1	66.5	2.38	10
						6	60	1.25	11
						9	60	.50	12
						2	60	1.50	13
						1	60	.96	14
						5	65.2	.80	15
						6	64.3	.83	16
						1	(1)	(2)	17
						1	60	2.68	18
						2	[3] 60	[4] 2.68	19
						1	60	8.63	20
						1	57	1.43	21
						1	66.5	.99	22
						3	57	1.16	23
						3	59.5	1.15	24
						31	58	1.11	25
						37	58	1.12	26
						5	60	1.00	27
						10	60	1.00	28
						15	60	1.00	29
						15	60	.90	30
						1	60	1.00	31
						1	60	.96	32

PLANING MILLS (3 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment and for 1905 for 4 establishments.]

			1	48	$4.50				33
			1	48	2.50				34

[3] Hours reported for 1 employee only.

[4] Including 1 employee receiving per cent of profit only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PLANING MILLS (3 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bench hands:				
1	Hawaiian	M.			
2	Swedish	M.			
3	Total				
	Carpenters:				
4	American	M.			
5	English	M.			
6	Polish	M.			
7	Portuguese	M.			
8	Swedish	M.			
9	Total				
	Carpenter, bench hand:				
10	Norwegian	M.			
	Carpenters and joiners:				
11	American	M.			
12	German	M.			
13	Hawaiian	M.			
14	Part-Hawaiian	M.			
15	Portuguese	M.			
16	Total				
	Driver:				
17	Portuguese	M.			
	Engineers:				
18	Hawaiian	M.			
19	Portuguese	M.	1	48	$2.00
20	Total		1	48	2.00
	Finishers and plasterers:				
21	American	M.			
22	Portuguese	M.			
23	Total				
	Foremen:				
24	American	M.			
25	English	M.			
26	German	M.			
27	Total				
	Helpers:				
28	Portuguese	M.			
	Laborers:				
29	Hawaiian	M.	5	48	1.43
30	Part-Hawaiian	M.	[1] 1	48	[1] .83
31	Portuguese	M.	[2] 5	48	[2] 1.28
32	Total		[3] 11	48	[3] 1.31
	Machine hands:				
33	American	M.	1	48	4.25
34	Hawaiian	M.			
35	Portuguese	M.			
36	Total		1	48	4.25
	Mill hands:				
37	American	M.			
38	Hawaiian	M.			
39	Total				
	Milling and molding:				
40	American	M.			

[1] Boys. [2] Including 1 boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PLANING MILLS (3 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	48	$3.50	1
						1	48	3.50	2
						2	48	3.50	3
			6	48	$4.08½				4
			1	48	4.00				5
			1	48	3.50				6
			1	48	4.00				7
			1	48	3.50				8
			10	48	3.95				9
						1	48	2.50	10
						9	48	4.00	11
						4	48	4.00	12
						6	48	2.83	13
						1	48	4.50	14
						1	48	4.50	15
						21	48	3.71	16
			1	48	1.58	1	48	1.75	17
			2	48	1.58½				18
1	47	$2.25	1	48	2.00	1	48	1.75	19
1	47	2.25	3	48	1.72	1	48	1.75	20
						1	48	6.00	21
						2	48	6.00	22
						3	48	6.00	23
1	47	5.50	1	48	5.50	1	48	5.50	24
						1	48	5.50	25
			2	50.5	5.25				26
1	47	5.50	3	49.7	5.33½	2	48	5.50	27
						2	48	.75	28
2	47	1.50	2	48	1.50	14	48	1.50	29
									30
5	47	1.50	10	49	1.45	12	48	1.50	31
7	47	1.50	12	48.8	1.46	26	48	1.50	32
1	47	4.00	1	48	3.50				33
						1	48	1.50	34
			2	53	1.83½				35
1	47	4.00	3	51.3	2.39	1	48	1.50	36
			[1] 4	48	[1] 1.00				37
			1	48	2.00				
									38
			[4] 5	48	[4] 1.20				39
						1	48	4.50	40

[3] See notes to details.

[4] Including 4 boys.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PLANING MILLS (3 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900-1901		
			Employees.	Average hours per week.	Average wages per day.
	Mill workers:				
1	Japanese	M.			
	Office boy:				
2	American	M.			
	Planer hand:				
3	American	M.	1	48	$4.50
	Planer man:				
4	Portuguese	M.			
	Polisher:				
5	Hawaiian	M.			
	Rip sawyer:				
6	Portuguese	M.			
	Sticker hands:				
7	American	M.	1	48	5.00
8	Japanese	M.			
9	Total		1	48	5.00
	Sticker hands' helper:				
10	Hawaiian	M.			
	Teamster:				
11	Portuguese	M.			
	Turners:				
12	American	M.			
13	German	M.	1	48	4.00
14	Hawaiian	M.			
15	Total		1	48	4.00
	Watchman:				
16	Japanese	M.			

POI FLOUR MAKING (1 establishment).

[Data for 1905 are for 1 establishment.]

	Drivers:				
17	Chinese	M.			
18	Hawaiian	M.			
19	Total				
	Engineer:				
20	Japanese	M.			
	Foreman:				
21	Hawaiian	M.			
	Grinder:				
22	Japanese	M.			
	Grinder's helpers:				
23	Japanese	M.			
24	Do	F.			
25	Total				
	Laborers:				
26	Chinese	M.			
27	Hawaiian	F.			
28	Japanese	M.			
29	Total				
	Slicer and driver:				
30	American	M.			

[1] Boy. [2] And board and lodging, valued at $3 per week.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PLANING MILLS (3 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	3	54	$1.07	1
.....	.....	.....	1	48	$0.66	.....	.....	.....	2
1	47	$4.50	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	1	48	1.25	4
.....	.....	.....	[1] 1	53	[1] 1.00	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	1	48	2.50	6
1	47	5.00	1	48	5.00	1	48	5.50	7
.....	.....	.....	.....	.....	.....	1	48	2.25	8
1	47	5.00	1	48	5.00	2	48	3.88	9
.....	.....	.....	1	48	1.50	.....	.....	.....	10
1	47	1.50	1	48	1.50	.....	.....	.....	11
1	47	4.00	.....	.....	.....	1	48	4.50	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	1	48	3.00	14
1	47	4.00	.....	.....	.....	2	48	3.75	15
.....	.....	.....	1	84	1.75	.....	.....	.....	16

POI FLOUR MAKING (1 establishment).

[Data for 1905 are for 1 establishment.]

.....	.....	.....	.....	.....	.....	1	60	$1.17	17
.....	.....	.....	.....	.....	.....	4	60	1.21	18
.....	.....	.....	.....	.....	.....	5	60	1.20	19
.....	.....	.....	.....	.....	.....	1	60	1.67	20
.....	.....	.....	.....	.....	.....	1	60	2.00	21
.....	.....	.....	1	57	[2] $1.00	.....	.....	.....	22
.....	.....	.....	1	(3)	[2] .71½	.....	.....	.....	23
.....	.....	.....	1	(3)	[2] .43	.....	.....	.....	24
.....	.....	.....	2	(3)	[2] .57½	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	3	60	1.11	26
.....	.....	.....	.....	.....	.....	14	30	.40	27
.....	.....	.....	.....	.....	.....	9	40	1.00	28
.....	.....	.....	.....	.....	.....	26	36.9	.69	29
.....	.....	.....	[1] 1	57	[4] .65	.....	.....	.....	30

[3] Irregular.

[4] Boy; receives also board and lodging, valued at $3 per week.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PRINTING, JOB (4 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment and for 1905 for 2 establishments.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bookbinders:				
1	American	M.			
2	Hawaiian	M.	2	53	$1.91½
3	Portuguese	M.			
4	Total		2	53	1.91½
	Bookbinders' apprentices:				
5	Hawaiian	M.			
6	Portuguese	M.			
7	Total				
	Bookbinders' helpers:				
8	Hawaiian	F.			
9	Part-Hawaiian	F.			
10	Portuguese	M.			
11	Do	F.			
12	Total				
	Bookkeeper:				
13	American	M.	1	53	2.08½
	Clerk:				
14	American	M.			
	Compositors:				
15	American	M.	2	53	3.00
16	Do	F.	1	53	1.66½
17	Hawaiian	M.	2	53	2.00
18	Portuguese	M.			
19	Total		5	53	2.33½
	Compositors' apprentices:				
20	Hawaiian	M.			
	Errand boys:				
21	Hawaiian	M.			
22	Portuguese	M.			
23	Total				
	Folders:				
24	American	F.			
25	Hawaiian	M.	1	53	.83½
26	Do	F.	1	53	.50
27	Scotch	F.	1	53	.83½
28	Total		3	53	.72½
	Foreman:				
29	American	M.			
	Foreman, bookbinders:				
30	American	M.			
	Foreman, compositors:				
31	American	M.			
	Linotype operators:				
32	American	M.			
33	Hawaiian	M.			
34	Total				
	Linotype operators' apprentice:				
35	Portuguese	M.			
	Manager:				
36	American	M.			
	Office boy:				
37	Hawaiian	M.	1	53	.83½
	Press feeders:				
38	American	M.	1	53	1.66½
39	Hawaiian	M.			
40	Portuguese	M.	1	53	.83½
41	Total		2	53	1.25

[1] Including 6 girls. [2] Boys. [3] Girls.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PRINTING, JOB (4 establishments).

[Data for 1900–1901 and 1902 are for 1 establishment and for 1905 for 2 establishments.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	48	$3.33½				1
2	53	$1.91½	1	50.5	2.00				2
			1	48	3.00	1	50½	$2.83	3
2	53	1.91½	3	48.8	2.78	1	50½	2.83	4
			1	50.5	.50				5
			1	50.5	1.00				6
			2	50.5	.75				7
			[1] 7	48	[1] .68	1	50½	.67	8
			1	48	1.16½				9
			[2] 3	48	[2] 1.00				10
			[3] 3	48	[3] .58½	2	50½	.54	11
			[4] 14	48	[4] .76½	3	50½	.58	12
1	53	2.08½	1	50.5	3.33½				13
			1	48	2.00				14
2	53	3.00	2	48	3.21	1	50½	3.33	15
1	53	1.66½							16
2	53	2.00	7	48.7	2.43	3	28½	1.42	17
			1	50.5	2.08½	1	50½	1.67	18
5	53	2.33½	10	48.8	2.55	5	37.4	1.85	19
			3	48	1.14				20
						1	50½	.50	21
						1	50½	.50	22
						2	50½	.50	23
1	53	.50							24
1	53	.83½							25
									26
1	53	.83½							27
3	53	.72½							28
			1	50.5	4.00	1	50½	5.00	29
			1	48	5.00				30
			1	48	5.83½				31
			2	48	5.38½				32
			2	48	3.00	1	50½	2.25	33
			4	48	4.19	1	50½	2.25	34
			1	48	1.00				35
			1	50.5	6.66½				36
1	53	.83½							37
1	53	1.66½	[5] 1	50.5	[5] 1.00				38
			[6] 2	50.5	[6] 1.33½	1	50½	.58	39
1	53	.83½				3	50½	.72	40
2	53	1.25	[4] 3	50.5	[4] 1.22	4	50½	.69	41

[4] See notes to details. [5] Boy. [6] Including 1 boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PRINTING, JOB (4 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Pressmen:				
1	American	M.	1	53	$2.75
2	Part-Hawaiian	M.			
3	Portuguese	M.			
4	Total		1	53	2.75
	Pressmen's helper:				
5	Portuguese	M.			
	Printers:				
6	Japanese	M.			
	Printers' apprentice:				
7	Hawaiian	M.			
	Ruling-machine hand:				
8	German	M.			
	Stock cutter:				
9	Hawaiian	M.			

PRINTING, NEWSPAPER (15 establishments).

[Data for 1905 are for 1 establishment.]

	Apprentice, general:				
10	Portuguese	M.			
	Bookbinders:				
11	American	M.			
12	Hawaiian	M.			
13	Do	F.			
14	Part-Hawaiian	M.			
15	Do	F.			
16	Portuguese	M.			
17	Do	F.			
18	Total				
	Bookbinders' helpers:				
19	American	F.			
20	Chinese	F.			
21	Hawaiian	F.			
22	Portuguese	M.			
23	Do	F.			
24	Total				
	Bookkeepers:				
25	American	M.			
26	Chinese	M.			
27	German	M.			
28	Total				
	Carriers:				
29	American	M.			
30	Chinese	M.			
31	Hawaiian	M.			
32	Part-Hawaiian	M.			
33	Japanese	M.			
34	Portuguese	M.			
35	Total				
	Cashier:				
36	American	F.			
	Clerks:				
37	American	M.			
38	Chinese	M.			
	Clerk, mailing:				
39	Hawaiian	M.			

[1] Boy. [2] Including 3 boys. [3] Not reported. [4] Hours reported for 4 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PRINTING, JOB (4 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	53	$2.75	1	48	$3.50	.....	.....	.....	1
.....	.....	.....	1	48	1.25	.....	.....	.....	2
.....	.....	.....	3	48	2.19½	1	50¼	$2.50	3
1	53	2.75	5	48	2.26½	1	50¼	2.50	4
.....	.....	.....	[1] 1	48	[1] .50	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	5	58	1.07	6
.....	.....	.....	1	50.5	.50	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	1	50¼	1.67	8
.....	.....	.....	.....	.....	.....	1	50¼	.92	9

PRINTING, NEWSPAPER (15 establishments).

[Data for 1905 are for 1 establishment.]

.....	.....	.....	.....	.....	.....	1	54	$0.67	10
.....	.....	.....	.....	.....	.....	2	51	3.59	11
.....	.....	.....	.....	.....	.....	4	50.4	1.98	12
.....	.....	.....	.....	.....	.....	15	48.2	.76	13
.....	.....	.....	.....	.....	.....	[2] 5	51	[2] 1.12	14
.....	.....	.....	.....	.....	.....	3	50	.56	15
.....	.....	.....	.....	.....	.....	3	53	2.83	16
.....	.....	.....	.....	.....	.....	3	51	.64	17
.....	.....	.....	.....	.....	.....	[2] 35	49.8	[2] 1.26	18
.....	.....	.....	.....	.....	.....	1	50	1.00	19
.....	.....	.....	.....	.....	.....	1	50	.50	20
.....	.....	.....	.....	.....	.....	2	50	.67	21
.....	.....	.....	.....	.....	.....	2	49.5	1.25	22
.....	.....	.....	.....	.....	.....	1	50	.67	23
.....	.....	.....	.....	.....	.....	7	49.9	.86	24
.....	.....	.....	.....	.....	.....	2	54	5.08	25
.....	.....	.....	.....	.....	.....	2	57	1.21	26
.....	.....	.....	1	48	$4.98½	1	([3])	7.67	27
.....	.....	.....	1	48	4.98½	5	[4] 55.5	4.05	28
.....	.....	.....	5	21	.60½	7	22.3	.56	29
.....	.....	.....	.....	.....	.....	1	60	.05	30
.....	.....	.....	4	21	.60½	5	19.2	.52	31
.....	.....	.....	2	21	.64½	3	24	.58	32
.....	.....	.....	.....	.....	.....	14	[5] 57	.68	33
.....	.....	.....	.....	.....	.....	5	13.2	.46	34
.....	.....	.....	11	21	.61	35	[6] 32.1	.58	35
.....	.....	.....	1	48	1.66⅔	.....	.....	.....	36
.....	.....	.....	1	48	2.33⅓	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	2	54	.96	38
.....	.....	.....	.....	.....	.....	1	([3])	1.67	39

[5] Hours reported for 9 employees only.

[6] Hours reported for 30 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PRINTING, NEWSPAPER (15 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Clerk, stock:				
1	American	M.			
	Clerk, stock, assistant:				
2	Hawaiian	M.			
	Clerk, substitute:				
3	Part-Hawaiian	M.			
	Collectors:				
4	American	M.			
5	Hawaiian	M.			
6	Total				
	Collector's assistant:				
7	American	M.			
	Compositors:				
8	American	M.			
9	Chinese	M.			
10	East Indian	M.			
11	Hawaiian	M.			
12	Part-Hawaiian	M.			
13	Japanese	M.			
14	Korean	M.			
15	Portuguese	M.			
16	Total				
	Compositors and printers:				
17	Japanese	M.			
	Compositors' apprentices:				
18	Portuguese	M.			
	Compositors' helpers:				
19	American	M.			
20	Portuguese	M.			
	Cutter:				
21	Japanese	M.			
	Editors:				
22	American	M.			
23	Canadian	M.			
24	Chinese	M.			
25	Hawaiian	M.			
26	Korean	M.			
27	Total				
	Editors' assistants:				
28	Chinese	M.			
29	Hawaiian	M.			
30	Total				
	Electrotypers:				
31	Part-Hawaiian	M.			
32	Portuguese	M.			
33	Total				
	Electrotypers' apprentice:				
34	Portuguese	M.			
	Engraver:				
35	American	M.			
	Errand boys:				
36	Hawaiian	M.			
	Foremen:				
37	American	M.			
38	Hawaiian	M.			
39	Japanese	M.			
40	Total				

[1] Hours reported for 2 employees only.
[2] Not reported.
[3] Hours reported for 15 employees only.
[4] Hours reported for 58 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PRINTING, NEWSPAPER (15 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	1	51	$2.50	1
.....	.....	.....	.....	.....	.....	1	51	1.00	2
.....	.....	.....	.....	.....	.....	1	48	1.33	3
.....	.....	.....	1	48	$3.33½	3	[1] 51	3.11	4
.....	.....	.....	.....	.....	.....	1	(2)	.92	5
.....	.....	.....	.....	.....	.....	4	[1]51	2.56	6
.....	.....	.....	1	48	1.16½	.....	.....	.....	7
.....	.....	.....	1	48	3.33½	8	50.4	3.34	8
.....	.....	.....	.....	.....	.....	16	55.5	.91	9
.....	.....	.....	.....	.....	.....	1	48	3.33	10
.....	.....	.....	2	48	3.12½	13	50.9	2.23	11
.....	.....	.....	.....	.....	.....	2	52.5	2.42	12
.....	.....	.....	.....	.....	.....	27	[3] 56.4	.88	13
.....	.....	.....	.....	.....	.....	1	60	3.00	14
.....	.....	.....	1	48	2.25	2	50.3	3.17	15
.....	.....	.....	4	48	2.96	70	[4] 53.7	1.59	16
.....	.....	.....	.....	.....	.....	5	54	.81	17
.....	.....	.....	.....	.....	.....	2	51	.96	18
.....	.....	.....	2	48	2.00	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	1	49.5	1.67	20
.....	.....	.....	.....	.....	.....	1	50	1.33	21
.....	.....	.....	1	48	10.00	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	1	(2)	7.67	23
.....	.....	.....	.....	.....	.....	2	54	1.89	24
.....	.....	.....	1	48	3.33½	2	[5] 54	3.01	25
.....	.....	.....	.....	.....	.....	1	60	3.00	26
.....	.....	.....	2	48	6.66½	6	[6] 55.5	3.41	27
.....	.....	.....	.....	.....	.....	1	54	1.15	28
.....	.....	.....	.....	.....	.....	2	[5] 44	1.34	29
.....	.....	.....	.....	.....	.....	3	[1] 49	1.28	30
.....	.....	.....	.....	.....	.....	2	48	3.55	31
.....	.....	.....	.....	.....	.....	1	48	2.92	32
.....	.....	.....	.....	.....	.....	3	48	3.34	33
.....	.....	.....	.....	.....	.....	1	48	.50	34
.....	.....	.....	.....	.....	.....	1	50	7.50	35
.....	.....	.....	.....	.....	.....	3	51	.53	36
.....	.....	.....	.....	.....	.....	2	48.8	5.84	37
.....	.....	.....	.....	.....	.....	2	49.8	2.92	38
.....	.....	.....	.....	.....	.....	1	54	1.53	39
.....	.....	.....	.....	.....	.....	5	50.2	3.81	40

[5] Hours reported for 1 employee only.

[6] Hours reported for 4 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PRINTING, NEWSPAPER (15 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foreman and manager:				
1	Hawaiian	M.			
	Foreman, bindery:				
2	American	M.			
	Foreman, compositors:				
3	American	M.			
	Foreman, linotype operators:				
4	American	M.			
	Foreman, pressmen:				
5	American	M.			
	Foremen, printing department:				
6	American	M.			
	Helpers:				
7	Hawaiian	M.			
8	Portuguese	M.			
9	Total				
	Janitor:				
10	Portuguese	M.			
	Librarian:				
11	American	M.			
	Linotype operators:				
12	American	M.			
13	Hawaiian	M.			
14	Part-Hawaiian	M.			
15	Portuguese	M.			
16	Total				
	Linotype operators' helper:				
17	Part-Hawaiian	M.			
	Machinist and linotype operator:				
18	American	M.			
	Manager:				
19	American	M.			
	Manager, advertising:				
20	American	M.			
	Manager, business:				
21	American	M.			
	Manager, business, assistant:				
22	American	M.			
	Office boys:				
23	American	M.			
24	Hawaiian	M.			
25	Portuguese	M.			
26	Total				
	Office boys and janitors:				
27	Japanese	M.			
	Photo-engraver:				
28	Part-Hawaiian	M.			
	Photo-engraver's helper:				
29	Portuguese	M.			
	Pressmen:				
30	American	M.			
31	Hawaiian	M.			
32	Part-Hawaiian	M.			
33	Japanese	M.			
34	Korean	M.			
35	Portuguese	M.			
36	Total				
	Pressmen, assistant:				
37	American	M.			
38	Portuguese	M.			
39	Total				

[1] Including 1 boy. [2] Not reported.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PRINTING, NEWSPAPER (15 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	54	$2.00	1
						1	51	5.83	2
			1	48	$6.66½				3
						1	48	5.77	4
			1	48	4.50	1	51	5.00	5
						2	52.5	6.25	6
						[1] 2	50	[1] .67	7
						1	18	.61	8
						[1] 3	39.3	[1] .65	9
						1	(2)	1.50	10
			1	48	3.33½	1	(2)	3.33	11
			2	48	5.00	5	48.4	5.50	12
			1	48	4.00	4	48	3.96	13
						3	48.5	3.89	14
						2	48.8	4.42	15
			3	48	4.66½	14	48.4	4.56	16
						1	51	.83	17
						1	49.5	5.83	18
						1	(2)	11.50	19
			1	48	4.79	1	(2)	4.81	20
			1	48	11.50				21
			1	48	5.75				22
			1	48	.50				23
						1	(2)	.50	24
						1	54	1.33	25
			1	48	.50	2	[3] 54	.92	26
						2	(2)	.65	27
			1	48	3.33½				28
			1	48	1.08½				29
						2	49	3.29	30
			1	(4)	4.09	5	50.8	2.23	31
						1	54	2.67	32
						1	53	1.00	33
						1	60	3.00	34
						7	51.4	2.64	35
						17	51.7	2.52	36
						1	48	2.31	37
						1	48	1.50	38
						2	48	1.91	39

[3] Hours reported for 1 employee only.

[4] Irregular.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

PRINTING, NEWSPAPER (15 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Pressmen's apprentices:				
1	Hawaiian	M.			
2	Portuguese	M.			
3	Total				
	Pressmen's helpers:				
4	Hawaiian	M.			
5	Part-Hawaiian	M.			
6	Portuguese	M.			
7	Total				
	Printers:				
8	Hawaiian	M.			
9	Japanese	M.			
10	Portuguese	M.			
11	Total				
	Printers and deliverers:				
12	Japanese	M.			
	Printer's helper:				
13	Japanese	M.			
	Proof readers:				
14	American	M.			
15	Hawaiian	M.			
	Proof reader's assistant:				
16	Hawaiian	M.			
	Reporters:				
17	American	M.			
18	Do	F.			
19	Chinese	M.			
20	English	M.			
21	Hawaiian	M.			
22	Total				
	Scribe:				
23	Hawaiian	M.			
	Solicitors:				
24	American	M.			
	Stenographers:				
25	American	M.			
26	Do	F.			
27	Total				
	Wrapper:				
28	Hawaiian	M.			

RICE CLEANING (15 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

	Bagger and shipper:				
29	Portuguese	M.			
	Bookkeeper and clerk:				
30	Chinese	M.			
	Cooks:				
31	Chinese	M.			
	Cultivators and planters:				
32	Chinese	M.			
	Driver:				
33	Chinese	M.			
	Engineers:				
34	Chinese	M.			
35	Portuguese	M.			

[1] Irregular.
[2] Hours reported for 9 employees only.
[3] Not reported.
[4] Hours reported for 14 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

PRINTING, NEWSPAPER (15 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	49.5.	$1.50	1
						1	49.5	1.00	2
						2	49.5	1.25	3
						4	51	.81	4
						1	51	.92	5
						1	51	.58	6
						6	51	.79	7
						1	50	1.00	8
						11	56.7	1.07	9
						1	48	3.00	10
						13	55.5	1.21	11
						3	54	.65	12
						1	54	.77	13
						1	56	4.29	14
			1	(1)	$3.75				15
			1	48	.83⅓				16
			3	48	5.28	13	[2] 52.3	4.41	17
						1	6	.96	18
						3	54	1.21	19
						1	(3)	5.00	20
			1	48	1.66⅔	1	51	2.00	21
			4	48	4.37½	19	[4] 49.3	3.63	22
						1	44	.50	23
						2	[5] 54	5.42	24
						1	48	1.33	25
						2	[5] 48	2.00	26
						3	[6] 48	1.78	27
						1	50	.75	28

RICE CLEANING (15 establishments).

[Data for 1902 and 1905 are for 1 establishment.]

						1	53	$1.50	29
						1	72	[7] 1.28	30
						4	71	[8] .80	31
						12	60	[7] .77	32
						1	60	.81	33
	72	$1.15	1	54	1.73				34
						1	53	2.50	35

[5] Hours reported for 1 employee only.
[6] Hours reported for 2 employees only.
[7] And board and house rent.
[8] 1 employee receives also board and house rent.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

RICE CLEANING (15 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineer, assistant:				
1	Portuguese	M.			
	Engineer, mill:				
2	Chinese	M.			
	Engineer, rice mill:				
3	Japanese	M.			
	Factory assistants:				
4	Japanese	M.			
	Fireman:				
5	Chinese	M.			
	Foreman:				
6	Chinese	M.			
	Laborers:				
7	Chinese	M.			
	Machine hand:				
8	Chinese	M.			
	Manager:				
9	Chinese	M.			
	Mill hands:				
10	Chinese	M.			
11	Japanese	M.			
12	Portuguese	M.			
13	Total				
	Sifters:				
14	Chinese	M.			
	Sifters' helper:				
15	Chinese	M.			
	Packers:				
16	Japanese	M.			
	Plowmen:				
17	Chinese	M.			
	Schooner captain:				
18	Hawaiian	M.			
	Schooner men:				
19	Chinese	M.			
	Teamsters:				
20	Chinese	M.			

RICE PLANTATIONS.

[Data for 1902 are for 1 establishment, and for 1905 for 3 establishments.]

	Cooks:				
21	Chinese	M.			
	Field hands:				
22	Chinese	M.			
	Foremen:				
23	Chinese	M.			
	Irrigators:				
24	Chinese	M.			
	Managers:				
25	Chinese	M.			
	Manager, assistant:				
26	Chinese	M.			
	Partners:				
27	Chinese	M.			
	Stablemen:				
28	Chinese	M.			

[1] And board.
[2] And board and house rent.
[3] 4 employees receive also board and house rent.
[4] 6 employees receive also board and house rent.
[5] And board, valued at from $6 to $7 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

RICE CLEANING (15 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	53	$1.75	1
						1	72	1.15	2
						1	60	2.88	3
						3	54	[1].72	4
1	72	$0.76½							5
1	72	1.15	1	54	$1.34½	1	54	1.34	6
3	72	.76½	6	54	.96				7
						1	60	1.25	8
						1	72	[2]3.19	9
						33	58.7	[3]1.05	10
						15	60	1.21	11
						2	53	1.75	12
						50	58.9	[3]1.13	13
						2	66	1.11	14
						1	60	1.25	15
						3	72	.84	16
						12	60	[4].77	17
						1	60	[3]1.34	18
						2	60	[4].96	19
						7	60	[4].78	20

RICE PLANTATIONS.

[Data for 1902 are for 1 establishment, and for 1905 for 3 establishments.]

			10	79.8	[5].62				21
140	84	[6].69	268	79.1	[5].58				22
			6	84	[7].82				23
			2	(8)	[9].66				24
			2	(8)	[9].82				25
			1	(8)	[9].66				26
			25	(8)	(10)				27
			4	84	[7].59				28

[6] Estimate.
[7] And board, valued at $6 per month.
[8] Irregular.
[9] And board, valued at $7 per month.
[10] Not reported. And board, valued at $7 per month.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SAIL MAKING (1 establishment).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Sailmakers:				
1	American	M.			
2	Hawaiian	M.			
3	Portuguese	M.			
4	Total				
	Sewing women:				
5	Hawaiian	F.			
6	Portuguese	F.			
7	Total				

SALT WORKS (1 establishment).

	Foreman:				
8	Chinese	M.			
	Helpers:				
9	Chinese	M.			

SHIPBUILDING (4 establishments).

	Calkers:				
10	Hawaiian	M.			
11	South Sea Islander	M.			
12	Total				
	Clerk, office:				
13	A. O	M.			
	Engineer:				
14	A. O	M.			
	Laborers:				
15	A. O	M.			
16	Hawaiian	M.			
17	Portuguese	M.			
18	Spanish	M.			
19	Total				
	Ship carpenters:				
20	A. O	M.			
21	Hawaiian	M.			
22	Japanese	M.			
23	Portuguese	M.			
24	Total				
	Superintendent:				
25	A. O	M.			

SHIRT MAKING (3 establishments).

	Shirt makers:				
26	Japanese	M.			

SHOEMAKING (10 establishments).

	Shoemakers:				
27	Chinese	M.			

[1] 2 employees receive also board and 1 employee board and rent free.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910.—Continued.

SAIL MAKING (1 establishment).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	50	$4.00	1
						1	36	4.50	2
						1	50	3.00	3
						3	45.3	3.83	4
						1	32	1.13	5
						1	32	1.25	6
						2	32	1.19	7

SALT WORKS (1 establishment).

						1	54	$1.15	8
						3	54	.87	9

SHIPBUILDING (4 establishments).

						6	53	$5.00	10
						1	53	5.00	11
						7	53	5.00	12
						1	53	5.00	13
						1	53	3.33	14
						1	53	3.00	15
						6	53	2.25	16
						1	53	2.00	17
						1	53	2.00	18
						9	53	2.28	19
						5	53	5.00	20
						6	53	4.00	21
						19	53.6	1.49	22
						1	53	3.00	23
						31	53.4	2.59	24
						1	53	6.67	25

SHIRT MAKING (3 establishments).

						3	70	[1] $0.64	26

SHOEMAKING (10 establishments).

						79	58.9	$0.78	27

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SLAUGHTERING (1 establishment).

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Butchers:				
1	Hawaiian	M.			
	Drivers:				
2	Chinese	M.			
3	Hawaiian	M.			
4	Total				
	Foreman:				
5	French	M.			
	Laborers:				
6	Chinese	M.			

SOAP (1 establishment).

	Laborers:				
7	Hawaiian	M.			
8	Part-Hawaiian	M.			
9	Total				

SODA WATER AND SOFT DRINKS (11 establishments).

[Data for 1900–1901, 1902, and 1905 are for 1 establishment.]

	Bookkeeper:				
10	Hawaiian	M.			
11	Part-Hawaiian	M.			
	Bottlers:				
12	Chinese	M.			
13	Hawaiian	M.	5	53	$1.33½
14	Japanese	M.	2	53	1.16½
15	Korean	M.			
16	Total		7	53	1.28½
	Bottlers' helpers:				
17	Japanese	M.			
	Bottle washers:				
18	Hawaiian	M.	2	53	1.00
19	Japanese	M.	7	53	1.00
20	Total		9	53	1.00
	Bottler and foreman:				
21	Japanese	M.			
	Collector:				
22	Hawaiian	M.	1	53	1.91½
	Delivery men:				
23	Chinese	M.			
24	Japanese	M.			
25	Total				
	Drivers:				
26	American	M.	2	53	2.87½
27	Chinese	M.			
28	English	M.			
29	Hawaiian	M.	2	53	2.09½
30	Part-Hawaiian	M.			
31	Japanese	M.			
32	Portuguese	M.			
33	Total		4	53	2.48½

[1] Not reported.
[2] Hours reported for 1 employee only.
[3] Hours reported for 3 employees only.
[4] Hours reported for 6 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SLAUGHTERING (1 establishment).

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						5	53	$2.30	1
						1	53	2.00	2
						1	53	2.00	3
						2	53	2.00	4
						1	53	3.83	5
						5	53	1.80	6

SOAP (1 establishment).

						4	54	$1.38	7
						1	54	1.00	8
						5	54	1.30	9

SODA WATER AND SOFT DRINKS (11 establishments).

[Data for 1900-1901, 1902, and 1905 are for 1 establishment.]

1	47	$2.30							10
			1	53	$1.72½	1	(1)	$3.07	11
						2	[2] 54	1.33	12
2	47	1.33½	3	53	1.11	4	[2] 53	1.43	13
2	47	1.25	2	53	1.25	5	[3] 54	1.44	14
						1	54	.83	15
4	47	1.29	5	53	1.16½	12	[4] 53.8	1.37	16
						3	55.8	.97	17
1	47	1.00							18
6	47	1.00				7	[4] 56.4	.97	19
7	47	1.00				7	[4] 56.4	.97	20
						1	59.5	1.34	21
									22
						1	60	1.67	23
						1	60	1.67	24
						2	60	1.67	25
2	47	[5] 2.68½	1	53	2.68½	3	(1)	2.88	26
						2	54	1.70	27
			1	53	2.68½				28
2	47	2.17½							29
			1	53	2.68½	1	54	2.68	30
						6	[6] 54.5	1.35	31
						4	53.8	2.46	32
4	47	[5] 2.43	3	53	2.68½	16	[7] 54.1	2.04	33

[5] 1 employee furnished also with house.
[6] Hours reported for 5 employees only.
[7] Hours reported for 12 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SODA WATER AND SOFT DRINKS (11 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Drivers and helpers:				
1	Japanese	M.			
2	Portuguese	M.			
3	Total				
	Extra man:				
4	Japanese	M.			
	Factory man:				
5	Japanese	M.			
	Foremen:				
6	American	M.			
7	Swedish	M.			
8	Total				
	Laborers:				
9	Japanese	M.			
10	Portuguese	M.			
11	Total				
	Machine hand:				
12	Hawaiian	M.			
	Manager:				
13	American	M.			
	Sirup mixer:				
14	American	M.	1	53	$2.30
15	Hawaiian	M.			
	Soda water manufacturer:				
16	American	M.			
	Superintendents:				
17	American	M.			
18	English	M.			
19	Total				
	Trimmer:				
20	Chinese	M.			

SOY MAKING (2 establishments).

	Soy factory hands:				
21	Japanese	M.			

STEAM RAILROADS (6 establishments).

[Data for 1900–1901 are for 1 establishment; 1902 for 3 establishments, and 1905 for 4 establishments.]

	Accountant:				
22	American	M.			
	Agent, express:				
23	American	M.			
	Agent, freight:				
24	American	M.			
	Agents, station:				
25	American	M.	2	54	[5] $1.91½
26	Chinese	M.			
27	English	M.			
28	German	M.	3	54	[11] 2.23½

[1] Including 1 boy.
[2] Not reported.
[3] Hours reported for 1 employee only.
[4] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[5] Also lodging.
[6] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SODA WATER AND SOFT DRINKS (11 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	1	54	$0.92	1
.....	.....	.....	.....	.....	.....	1	54	1.50	2
.....	.....	.....	.....	.....	.....	2	54	1.21	3
.....	.....	.....	.....	.....	.....	1	48	1.00	4
.....	.....	.....	.....	.....	.....	1	60	1.50	5
.....	.....	.....	.....	.....	.....	1	54	3.07	6
.....	.....	.....	.....	.....	.....	1	53	3.83	7
.....	.....	.....	.....	.....	.....	2	53.5	3.45	8
.....	.....	.....	.....	.....	.....	1	54	1.50	9
.....	.....	.....	.....	.....	.....	[1] 2	54	[1] .92	10
.....	.....	.....	.....	.....	.....	[1] 3	54	[11] 1.11	11
1	47	$1.16½	.....	.....	.....	.....	.....	.....	12
1	47	6.71	1	53	$5.75	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	14
1	47	1.50	1	53	1.50	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	1	54	2.30	16
.....	.....	.....	.....	.....	.....	1	([2])	4.79	17
.....	.....	.....	.....	.....	.....	1	54	3.07	18
.....	.....	.....	.....	.....	.....	2	[8] 54	3.93	19
.....	.....	.....	.....	.....	.....	1	54	.84	20

SOY MAKING (2 establishments).

.....	.....	.....	.....	.....	.....	9	52.7	$0.68	21

STEAM RAILROADS (6 establishments).

[Data for 1900–1901 are for 1 establishment; 1902 for 3 establishments, and 1905 for 4 establishments.]

.....	.....	.....	1	60	[4] $6.13½	.....	.....	.....	22
1	54	$1.91½	.....	.....	.....	.....	.....	.....	23
1	54	5.75	1	53	4.10	.....	.....	.....	24
11	([6])	1.91	7	[7] 60	[8] 2.16	11	[9] 60	$2.22	25
.....	.....	.....	.....	.....	.....	1	60	3.12	26
1	([6])	[10] 2.87½	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	28

[7] Hours reported for 3 employees only.
[8] 4 employees furnished also with house, and 3 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[9] Hours reported for 4 employees only.
[10] Also house, fuel, water, transportation of children to school, and medical attendance.
[11] 2 employees furnished also with lodging.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Agents, station—(concluded):				
1	Hawaiian	M.	3	54	[1] $1.91½
2	Part-Hawaiian	M.			
3	Portuguese	M.			
4	Total		8	54	[6] 2.03½
	Agents, station, assistant:				
5	Chinese	M.			
6	Japanese	M.			
7	Total				
	Agents, ticket:				
8	American	M.			
9	Hawaiian	M.			
10	Total				
	Ballast men:				
11	Japanese	M.	26	54	1.00
	Blacksmiths:				
12	American	M.	1	54	4.00
13	Hawaiian	M.			
14	Portuguese	M.	2	54	2.80½
15	Swedish	M.			
16	Total		3	54	3.20½
	Blacksmiths' helpers:				
17	American	M.			
18	Hawaiian	M.			
19	Part-Hawaiian	M.			
20	Irish	M.	1	54	1.75½
21	Japanese	M.	2	54	1.50
22	Portuguese	M.			
23	Total		3	54	1.58½
	Boatmen:				
24	Hawaiian	M.			
	Boiler makers:				
25	American	M.	1	54	4.50
26	Portuguese	M.			
27	Total		1	54	4.50
	Boiler makers' helpers:				
28	American	M.			
29	Hawaiian	M.			
30	Irish	M.	1	54	1.85
31	Portuguese	M.			
32	Scotch	M.			
33	Swedish	M.			
34	Total		1	54	1.85
	Boiler makers and machinists:				
35	American	M.			
36	Portuguese	M.			
37	Total				

[1] Also lodging.
[2] Irregular.
[3] 2 employees furnished also with house, fuel, water, transportation of children to school, and medical attendance.
[4] And house, fuel, water, transportation of children to school, and medical attendance.
[5] Hours reported for 7 employees only.
[6] See notes to details.
[7] Hours reported for 3 employees only.
[8] 4 employees furnished also with house, and 3 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
4	(2)	[3] $2.39½				2	60	$2.19	1
						3	(2)	2.49	2
1	(2)	[4] 2.68½	2	(2)	$1.72½	10	[5] 60	2.31	3
17	(2)	[6] 2.12½	9	[7] 60	[8] 2.06½	27	[9] 60	2.31	4
						1	60	.77	5
						1	60	.77	6
						2	60	.77	7
1	54	4.79	6	(2)	1.92				8
			3	(2)	1.64½				9
1	54	4.79	9	(2)	1.82½				10
10	53	1.00							11
3	53.3	4.50	1	53	5.00	1	51.5	5.18	12
			1	59	1.53½				13
2	53.5	[10] 2.97½	1	60	[11] 3.45	2	52.8	3.64	14
						1	54	4.95	15
5	53.4	[10] 3.89	3	57.3	[11] 3.33	4	52.8	4.35	16
						1	51.5	2.31	17
2	53	2.35				[12] 2	54	[12] 1.49	18
			1	53	2.00	3	51.5	2.15	19
									20
						3	51.5	1.93	21
2	53.5	2.00							22
4	53.3	2.17	1	53	2.00	[13] 9	52.1	[13] 1.95	23
			8	59	1.50				24
						2	52.8	5.07	25
						1	51.5	5.14	26
						3	52.4	5.09	27
						3	52.3	2.21	28
						5	54	2.12	29
									30
						1	54	1.53	31
						1	54	1.98	32
						1	54	1.98	33
						11	53.5	2.07	34
						1	60	4.00	35
						2	60	3.85	36
						3	60	3.90	37

[9] Hours reported for 14 employees only.
[10] 1 employee furnished also with house, fuel, water, transportation of children to school, and medical attendance.
[11] 1 employee furnished also with house, fuel, water, transportation of children to school, and medical attendance and assistance in case of accident incurrred in service.
[12] Boys.
[13] Including 2 boys.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Boiler makers and machinists' helpers:				
1	Hawaiian	M.			
2	Japanese	M.			
3	Total				
	Bookkeepers:				
4	American	M.			
5	Australian	M.			
6	English	M.			
7	Part-Hawaiian	M.			
8	Portuguese	M.			
9	Total				
	Bookkeepers' assistants:				
10	German	M.			
11	Part-Hawaiian	M.			
	Brakemen:				
12	American	M.			
13	Chinese	M.			
14	Hawaiian	M.			
15	Part-Hawaiian	M.			
16	Portuguese	M.			
17	Total				
	Brakemen, freight:				
18	Hawaiian	M.	13	54	$1.21
	Brakemen, passenger:				
19	American	M.			
20	Hawaiian	M.	3	54	1.50
21	Total		3	54	1.50
	Bridgeman:				
22	Japanese	M.			
	Bridge mason:				
23	Japanese	M.			
	Camp cleaner:				
24	Portuguese	M.			
	Cane weigher and switchman:				
25	Portuguese	M.			
	Captain, tug:				
26	American	M.			
27	Norwegian	M.			
	Car cleaners:				
28	Part-Hawaiian	M.			
29	Japanese	M.	6	54	1.00
30	Total		6	54	1.00
	Car inspector:				
31	American	M.			
32	Irish	M.			
33	Norwegian	M.			
34	Total				

[1] 1 employee also furnished with house, fuel, water, and medical attendance.
[2] Also house, fuel, water, transportation of children to school, and medical attendance.
[3] Not reported.
[4] 1 employee also furnished with house, fuel, water, medical attendance, and transportation of children to school.
[5] Hours reported for 5 employees only.
[6] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	7	60	$1.50	1
.....	.....	.....	.....	.....	.....	3	60	1.10	2
.....	.....	.....	.....	.....	.....	10	60	1.38	3
1	54	$5.75	.....	.....	.....	3	47.3	[1] 4.66	4
1	54	[2] 5.75	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	1	(3)	.96	6
.....	.....	.....	.....	.....	.....	1	60	5.60	7
.....	.....	.....	1	59	$3.64	1	60	4.22	8
2	54	[4] 5.75	1	59	3.64	6	[5] 52.4	[1] 4.13	9
1	54	[2] 4.21½	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	1	54	2.30	11
.....	.....	.....	1	(6)	1.50	3	(6)	2.00	12
.....	.....	.....	.....	.....	.....	1	60	1.92	13
2	54	1.72½	16	[7] 59.7	[2] 1.50½	7	60	1.49	14
.....	.....	.....	.....	.....	.....	22	[8] 60	1.55	15
.....	.....	.....	4	[8] 60	[2] 1.36½	1	60	1.92	16
2	54	1.72½	21	[5] 59.8	[9] 1.48	34	[10] 60	1.60	17
10	53	1.50	.....	.....	.....	.....	.....	.....	18
3	54	2.00	.....	.....	.....	.....	.....	.....	19
3	53	1.50	.....	.....	.....	.....	.....	.....	20
6	53.5	1.75	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	1	84	1.00	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	1	(3)	1.50	23
.....	.....	.....	.....	.....	.....	[11] 1	60	[11] .20	24
.....	.....	.....	.....	.....	.....	1	(3)	.77	25
1	54	[2] 4.79	1	60	[12] 5.75	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	1	60	5.75	27
.....	.....	.....	.....	.....	.....	1	60	1.50	28
6	53	1.00	6	64.2	1.16	2	51.5	1.00	29
6	53	1.00	6	64.2	1.16	3	54.3	1.17	30
1	53	3.00	1	70	2.55	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	1	60	3.26	32
.....	.....	.....	.....	.....	.....	1	51.5	3.26	33
1	53	3.00	1	70	2.55	2	55.8	3.26	34

[7] Hours reported for 3 employees only.
[8] Hours reported for 2 employees only.
[9] See notes to details.
[10] Hours reported for 11 employees only.
[11] Boy.
[12] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Carpenters:				
1	American	M.	15	54	$3.40
2	Austrian	M.			
3	German	M.	2	54	3.65
4	Hawaiian	M.	10	54	2.16½
5	Part-Hawaiian	M.			
6	Irish	M.	3	54	2.66½
7	Japanese	M.	17	54	1.38½
8	Norwegian	M.			
9	Portuguese	M.	9	54	2.38
10	Swedish	M.	3	54	3.00
11	Total		59	54	2.40½
	Carpenters helpers:				
12	American	M.			
13	Filipino	M.			
14	Hawaiian	M.			
15	Japanese	M.			
16	Portuguese	M.			
17	Total				
	Carpenters, work train:				
18	Japanese	M.	2	54	1.62½
	Car porter:				
19	Chinese	M.			
	Car repairer:				
20	Portuguese	M.			
	Cashiers:				
21	American	M.			
	Clerks:				
22	American	M.			
23	Chinese	M.			
24	Hawaiian	M.			
25	Part-Hawaiian	M.			
26	Total				
	Clerk, car shops:				
27	American	M.			
	Clerk, chief:				
28	German	M.			
	Clerks, freight:				
29	American	M.			
30	Do	F.	1	54	1.91½
31	Hawaiian	M.			
32	Porto Rican	M.			
33	Portuguese	M.			
34	Scotch	M.			
35	Total		1	54	1.91½
	Clerk, labor:				
36	Hawaiian	M.			
	Clerk, lumber:				
37	Hawaiian	M.			
	Clerks, office:				
38	American	M.			
39	Irish	M.	1	54	2.49
	Clerks, roundhouse:				
40	American	M.	1	54	1.91½

[1] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

[2] 2 employees furnished also with house, fuel, water, transportation of children to school and medical attendance.

[3] 1 employee furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
8	53.3	$3.73	3	53.7	$3.55	3	51.5	$4.12	1
			1	60	[1] 3.50				2
									3
4	53.5	2.42½				1	60	3.00	4
						3	54.3	4.12	5
									6
3	54	[2] 2.00	7	55.6	[3] 1.73½	6	[4] 59.9	[5] 1.89	7
						1	60	4.00	8
8	53	2.48½	3	54	4.13½	6	51.5	3.78	9
									10
23	53.3	[2] 2.84½	14	55.1	[6] 2.76½	20	[7] 55	[5] 3.29	11
						4	51.5	1.40	12
						1	60	1.40	13
			2	60	[1] 1.50				14
1	54	1.75	7	60	[1] 1.50	30	57.5	1.80	15
						1	51.5	1.50	16
1	54	1.75	9	60	[1] 1.50	36	56.7	1.74	17
2	53	1.75							18
1	54	1.34							19
1	54	2.25	1	54	2.00				20
			2	50.5	5.27	1	60	6.71	21
			1	60	[1] 2.87½				22
						1	60	1.53	23
			1	59	1.91½	1	60	2.88	24
			2	60	[1] 1.82½				25
			4	59.8	[6] 1.61	2	60	2.21	26
						1	51.5	3.07	27
			1	60	[1] 5.17½				28
6	53.2	3.13	5	55.2	[8] 3.37½	8	52.1	3.67	29
									30
			2	60	[1] 2.30	3	60	2.02	31
						1	60	1.87	32
						2	60	1.77	33
						1	60	3.54	34
6	53.2	3.13	7	56.6	[6] 3.06½	15	55.8	2.96	35
						1	60	1.35	36
1	54	[8] 2.30							37
2	53	2.58½							38
									39
1	53	2.11				1	51.5	2.49	40

[4] Hours reported for 5 employees only.
[5] 1 employee furnished also with house, fuel, water, and medical assistance.
[6] See notes to details.
[7] Hours reported for 19 employees only.
[8] Also furnished with house, fuel, water, transportation of children to school, and medical attendance.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Clerks, wharf:				
1	American	M.			
	Conductors:				
2	American	M.			
3	American Negro	M.			
4	Hawaiian	M.			
5	Part-Hawaiian	M.			
6	Italian	M.			
7	Total				
	Conductors, freight:				
8	American	M.	3	54	$3.45
	Conductors, passenger:				
9	American	M.	3	54	3.70½
	Cooks:				
10	Chinese	M.			
11	Japanese	M.			
	Cook, work train:				
12	Chinese	M.	1	54	1.07½
	Deck hands:				
13	Hawaiian	M.			
14	Japanese	M.			
15	Total				
	Drivers, auto-truck:				
16	American	M.			
17	Portuguese	M.			
18	Total				
	Driver, locomotive:				
19	Portuguese	M.			
	Engineers:				
20	American	M.			
21	Part-Hawaiian	M.			
22	Portuguese	M.			
23	Scandinavian	M.			
24	Total				
	Engineers, chief:				
25	American	M.			
26	Portuguese	M.			
27	Total				
	Engineer, chief, assistant:				
28	American	M.			
	Engineers, donkey engine:				
29	Chinese	M.			
30	Hawaiian	M.			
31	Total				
	Engineers, locomotive:				
32	American	M.	8	54	4.14½
33	German	M.			
34	Hawaiian	M.			
35	Part-Hawaiian	M.			
36	Portuguese	M.	4	54	2.82½
37	Total		12	54	3.70½

[1] 1 employee also furnished with house, fuel, water, transportation of children to school, and medical attendance.
[2] Irregular.
[3] Hours reported for 4 employees only.
[4] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[5] Hours reported for 1 employee only.
[6] Also house, fuel, water, and medical attendance.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	4	54	$3.00	2	53	$3.52	1
4	54	[1] $3.35½	8	(2)	3.35	12	[3] 60	3.81	2
.....	.....	.....	1	60	[4] 1.91½	.....	.....	.....	3
.....	.....	.....	2	[5] 59	1.68½	1	60	1.50	4
.....	.....	.....	.....	.....	.....	1	35	[6] .99	5
1	54	3.45	.....	.....	.....	.....	.....	.....	6
5	54	[1] 3.37½	11	[7] 59.5	[8] 2.91½	14	[9] 55.8	[10] 3.44	7
3	53	3.45	.....	.....	.....	.....	.....	.....	8
3	53	3.83¼	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	1	70	[4] .82	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	1	56	[6] .90	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	3	60	[4] 1.50	1	60	1.50	13
.....	.....	.....	.....	.....	.....	1	60	1.50	14
.....	.....	.....	3	60	[4] 1.50	2	60	1.50	15
.....	.....	.....	.....	.....	.....	1	60	3.54	16
.....	.....	.....	.....	.....	.....	1	60	3.54	17
.....	.....	.....	.....	.....	.....	2	60	3.54	18
.....	.....	.....	.....	.....	.....	1	60	3.07	19
.....	.....	.....	.....	.....	.....	6	(3)	4.66	20
.....	.....	.....	.....	.....	.....	3	(3)	3.64	21
.....	.....	.....	.....	.....	.....	3	(3)	2.81	22
.....	.....	.....	.....	.....	.....	1	35	[6] 2.47	23
.....	.....	.....	.....	.....	.....	13	[5] 35	[10] 3.83	24
.....	.....	.....	.....	.....	.....	2	54	13.42	25
.....	.....	.....	.....	.....	.....	1	60	6.25	26
.....	.....	.....	.....	.....	.....	3	56	11.03	27
.....	.....	.....	.....	.....	.....	1	54	6.13	28
.....	.....	.....	1	59	1.50	.....	.....	.....	29
.....	.....	.....	1	60	[4] 2.30	.....	.....	.....	30
.....	.....	.....	2	59.5	[8] 1.90	.....	.....	.....	31
14	53.4	[1] 4.01	8	[5] 60	[8] 3.76½	2	60	4.46	32
.....	.....	.....	1	60	[4] 3.33½	.....	.....	.....	33
1	54	[11] 1.91½	2	(2)	2.46½	7	60	2.99	34
.....	.....	.....	2	60	[4] 2.10½	.....	.....	.....	35
3	53.3	[1] 2.62	5	[5] 59	2.57	2	60	3.74	36
18	53.4	[12] 3.66½	18	[13] 59.8	[12] 3.08	11	60	3.39	37

[7] Hours reported for 2 employees only.
[8] 1 employee furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[9] Hours reported for 6 employees only.
[10] 1 employee furnished also with house, fuel, water, and medical attendance.
[11] Also house, fuel, water, transportation of children to school, and medical attendance.
[12] See notes to details.
[13] Hours reported for 5 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineer, pump:				
1	Portuguese	M.			
	Engineers, pump, assistant:				
2	Portuguese	M.			
	Engineer, shop:				
3	Portuguese	M.			
	Engineer, tug:				
4	American	M.			
	Engine helpers:				
5	Portuguese	M.			
	Engine wiper:				
6	Chinese	M.			
	Firemen, locomotive:				
7	American	M.	5	54	$1.99
8	Hawaiian	M.			
9	Part-Hawaiian	M.	1	54	2.30
10	Irish	M.			
11	Portuguese	M.	7	54	1.75½
12	Total		13	54	1.88½
	Firemen, shop:				
13	American	M.			
14	Portuguese	M.			
	Firemen, tug:				
15	American	M.			
16	Hawaiian	M.			
17	Portuguese	M.			
	Foremen:				
18	American	M.			
19	German	M.			
20	Hawaiian	M.			
21	Total				
	Foreman, ballast men:				
22	Japanese	M.	1	54	1.34
	Foreman, camp:				
23	Portuguese	M.			
	Foreman, car cleaners:				
24	American	M.			
25	Swedish	M.	1	54	2.50
	Foreman, car shops:				
26	American	M.			
27	Irish	M.	1	(3)	4.50
	Foreman, dredge:				
28	English	M.	1	(3)	3.83½
	Foreman, foundry:				
29	American	M.			
	Foreman, freight handlers:				
30	American	M.			
	Foreman, general:				
31	Hawaiian	M.			
	Foreman, hostlers, locomotive:				
32	American	M.			
33	Irish	M.	2	54	2.49½
34	Portuguese	M.			
35	Total		2	54	2.49½

[1] Also house, fuel, water, transportation of children to school, and medical attendance.
[2] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[3] Irregular.
[4] Hours reported for 1 employee only.
[5] 4 employees furnished also with house, fuel, water, transportation of children to school, and medical attendance.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	53	$2.30	1
						2	53	1.34	2
						1	51.5	2.04	3
1	54	[1] $4.79	1	60	[2] $5.75	1	60	5.75	4
			3	54	.72				5
			1	59	1.00				6
4	53.3	2.11	6	([3])	1.71	3	[4] 60	2.00	7
12	53.5	[5] 1.84	8	[6] 59.7	[7] 1.50½	9	59.6	1.41	8
						6	([3])	1.92	9
						1	60	1.00	10
2	53.5	2.10½	4	[8] 60	[7] 1.66⅔	8	[6] 60	2.00	11
18	53.4	[5] 1.93	18	[9] 59.8	[10] 1.64½	27	[11] 59.7	1.75	12
			1	53	1.50				13
1	54	1.50							14
						1	60	1.66	15
1	54	[1] 2.11							16
			1	60	[2] 2.30				17
			1	60	[2] 2.30				18
			1	60	[2] 3.50				19
			1	60	[2] 2.00				20
			3	60	[2] 2.60				21
1	53	1.55							22
						1	60	1.87	23
1	53	2.50							24
									25
1	53	5.00							26
									27
									28
1	54	4.98½							29
1	54	3.06½							30
1	54	[1] 3.83½	1	60	[2] 4.79				31
1	53	2.87½							32
									33
1	53	2.11							34
2	53	2.49½							35

[6] Hours reported for 3 employees only.
[7] 2 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[8] Hours reported for 2 employees only.
[9] Hours reported for 5 employees only.
[10] See notes to details.
[11] Hours reported for 14 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foreman, laborers:				
1	Hawaiian	M.			
2	Irish	M.			
3	Japanese	M.			
4	Total	.....			
	Foreman, laborers, yard:				
5	American	M.			
6	Irish	M.	1	54	$3.83½
	Foreman, laborers, yard, assistant:				
7	Irish	M.	1	54	3.00
	Foreman, painters:				
8	American	M.	1	54	4.00
	Foremen, pile drivers:				
9	American	M.	1	54	5.00
10	German	M.	1	54	5.00
11	Swedish	M.	1	54	6.00
12	Total	.....	3	54	5.33½
	Foremen, roundhouse:				
13	American	M.	1	54	4.79
14	Portuguese	M.			
	Foremen, section men:				
15	Chinese	M.			
16	Hawaiian	M.	1	54	1.72½
17	Irish	M.			
18	Japanese	M.	10	54	1.63
19	Total	.....	11	54	1.63½
	Foreman, stevedores:				
20	Hawaiian	M.			
21	Portuguese	M.			
	Foremen, wharf:				
22	American	M.			
23	Irish	M.	6	54	2.91½
24	Japanese	M.	1	54	1.50
25	Total	.....	7	54	2.71½
	Foremen, work train:				
26	German	M.	1	54	2.30
27	Japanese	M.	1	54	1.34
28	Total	.....	2	54	1.82
	Foremen, yard:				
29	Chinese	M.			
30	Hawaiian	M.			
31	Total	.....			
	Foundrymen:				
32	American	M.			
33	Part-Hawaiian	M.			
34	New Zealander	M.			
35	Portuguese	M.			
36	Total	.....			
	Foundrymen's helpers:				
37	Hawaiian	M.			
38	Portuguese	M.			
39	Total	.....			

[1] Also house, fuel, water, transportation of children to school, and medical attendance.
[2] 1 employee furnished also with house, fuel, water, transportation of children to school, and medical attendance.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	59	$2.49				1
						1	60	$3.45	2
						7	60	1.51	3
			1	59	2.49	8	60	1.75	4
1	53	$3.83½							5
									6
									7
1	53	4.25							8
									9
									10
									11
									12
1	53	4.50							13
						2	60	2.11	14
1	54	[1] 2.00							15
1	54	1.72½				1	60	1.50	16
1	54	1.72½							17
15	53.3	1.69	15	58.6	1.66	19	53.4	1.56	18
18	53.4	[2] 1.71½	15	58.6	1.66	20	53.7	1.56	19
						1	60	2.25	20
			1	60	[3] 3.45				21
4	53	3.00	2	54	4.00				22
									23
									24
4	53	3.00	2	54	4.00				25
									26
									27
									28
						1	60	1.65	29
						1	60	2.75	30
						2	60	2.20	31
						1	51.5	3.20	32
						1	51.5	2.40	33
						1	54	3.24	34
						8	51.5	1.94	35
						11	51.7	2.21	36
						2	54	1.49	37
						[4] 2	54	[4] 1.50	38
						[4] 4	54	[4] 1.50	39

[3] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

[4] Including 1 boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Freight handlers:				
1	American	M.	3	54	$2.87½
2	Hawaiian	M.	1	54	1.50
3	Part-Hawaiian	M.	1	54	2.30
4	Japanese	M.	15	54	1.01½
5	Portuguese	M.			
6	Total		20	54	1.38
	Hostlers, locomotive:				
7	American	M.	3	54	1.53½
8	Hawaiian	M.	3	54	1.47
9	Japanese	M.			
10	Portuguese	M.	3	54	1.53½
11	Total		9	54	1.51½
	Laborers:				
12	Chinese	M.			
13	Hawaiian	M.			
14	Part-Hawaiian	M.			
15	Japanese	M.			
16	Portuguese	M.			
17	Russian	M.			
18	Total				
	Laborers, car:				
19	Japanese	M.			
	Laborers, dredge:				
20	American	M.	3	72	2.56
21	Japanese	M.	8	72	1.37½
22	Swedish	M.	2	72	3.00
23	Total		13	72	1.90
	Laborers, lumberyard:				
24	Chinese	M.			
25	Japanese	M.			
26	Total				
	Laborers, railroad:				
27	Japanese	M.			
	Laborers, shop:				
28	Hawaiian	M.			
29	Japanese	M.			
30	Portuguese	M.			
31	Total				
	Laborers, wharf:				
32	Japanese	M.	125	54	1.11½
	Laborers, work train:				
33	Japanese	M.	36	54	1.00
	Laborers, yard:				
34	Japanese	M.	52	54	1.00½
	Machinists:				
35	American	M.	3	54	3.57
36	Chinese	M.			
37	Hawaiian	M.			
38	Part-Hawaiian	M.	1	54	2.70
39	Irish	M.	1	54	4.00½
40	Japanese	M.			
41	Portuguese	M.			
42	Total		5	54	3.48½

[1] $1.10 a day; after 3 months, $1.25; after 6 months, $1.50. Also house, fuel, water, transportation of children to school, and medical attendance.

[2] 82 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

[3] Including 4 boys.

[4] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	60	$1.53	1
2	54	$1.50							2
									3
31	53.4	1.17½	13	53.3	$1.56½	4	51	1.04	4
5	54	1.50							5
38	53.5	1.23½	13	53.3	1.56½	5	52.8	1.14	6
						1	51.5	2.88	7
									8
						5	51.5	1.34	9
7	53	1.53½				2	51.5	1.15	10
7	53	1.53½				8	51.5	1.49	11
			8	59	1.25	3	60	1.25	12
53	54	[1] 1.25	94	59.9	[2] 1.47	[3] 71	60	1.32	13
						1	51.5	1.67	14
72	54	[1] 1.25	93	60	[4] 1.32½	[5] 196	57.1	1.40	15
						[5] 24	58.7	1.44	16
						4	60	1.25	17
125	54	[1] 1.25	195	59.9	[6] 1.39	[7] 299	57.9	1.38	18
						9	51.5	1.53	19
									20
									21
									22
									23
			2	60	[4] 1.62½				24
			1	60	[4] 1.50	1	60	[4] 1.50	25
			3	60	[4] 1.53½	1	60	[4] .50	26
						9	60	1.33	27
						1	54	1.08	28
						1	54	1.08	29
						1	54	1.00	30
						3	54	1.05	31
75	53	1.15							32
									33
									34
6	53.7	3.96	7	53.9	4.60½	3	52.3	4.92	35
			1	54	1.80				36
2	53	3.00	6	54	2.93½				37
			1	60	[4] 2.30	3	52.3	4.44	38
									39
						1	60.0	3.07	40
			2	56.5	2.62½	3	53.2	3.83	41
8	53.5	3.72	17	54.6	[8] 3.48	10	53.3	4.26	42

[5] Including 1 boy.
[6] See notes to details.
[7] Including 6 boys.
[8] 1 employee furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Machinists' apprentices:				
1	American	M.			
2	Norwegian	M.			
3	Portuguese	M.			
4	Total				
	Machinists' helpers:				
5	American	M.	3	54	$2.08½
6	Hawaiian	M.	1	54	1.57½
7	Part-Hawaiian	M.			
8	Japanese	M.			
9	Portuguese	M.	4	54	1.66½
10	Russian	M.			
11	Total[1]		8	54	1.81
	Manager:				
12	American	M.			
	Mason, stone:				
13	American	M.			
	Mason's, stone, helper:				
14	Japanese	M.			
	Master car builders:				
15	American	M.			
16	Irish	M.	1	(10)	6.71
	Master mechanics:				
17	American	M.	1	(10)	7.67
18	Portuguese	M.			
19	Total		1	(10)	7.67
	Mechanic's apprentices:				
20	Portuguese	M.			
	Messenger:				
21	American	M.	1	54	1.34
	Molders:				
22	American	M.			
23	Hawaiian	M.			
24	Portuguese	M.			
25	Russian	M.			
26	Scotch	M.	2	54	4.00
27	Total		2	54	4.00
	Molder's apprentices:				
28	Hawaiian	M.			
	Molders' helpers:				
29	Hawaiian	M.	2	54	1.85
30	Japanese	M.	2	54	1.15
31	Portuguese	M.	1	54	2.00
	Total		5	54	1.60
	Office boy:				
32	Chinese	M.			
	Oiler:				
33	Japanese	M.			
	Oilers, car:				
34	Irish	M.			
35	Portuguese	M.			
	Oil tender:				
36	Japanese	M.			

[1] Boy.
[2] Including 1 boy.
[3] 2 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[4] 1 employee furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[5] Including 2 boys.
[6] See notes to details.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	53	$1.75				1
1	54	$1.50							2
1	54	1.25							3
2	54	1.37½	1	53	1.75				4
1	54	2.00	[1] 1	54	[1] 1.08	[2] 8	52.4	[2] $2.89	5
2	53	2.00	[1] 1	54	[1] .90				6
						[2] 4	53.4	[2] 1.70	7
			3	58	[3] 1.53½				8
			4	55.5	[4] 1.73½	[5] 7	53.3	[5] 1.49	9
						1	54	2.97	10
3	53.3	2.00	[5] 9	56	[6] 1.50½	[7] 20	53	[7] 2.16	11
						1	([8])	[9] 1.32	12
						1	53	4.00	13
						1	53	1.05	14
2	53.5	6.71	1	54	7.67				15
									16
3	53.7	[11] 6.39	2	53.5	6.23	1	54	6.39	17
			1	60	[12] 4.79				18
3	53.7	[11] 6.39	3	55.7	[4] 5.75	1	54	6.39	19
[13] 2	54	[9] 1.24½							20
									21
			1	53	5.00				22
2	53	2.25	2	54	2.15				23
			3	54	2.06½				24
1	54	2.00							25
1	54	4.00							26
4	53.5	2.62½	6	53.8	2.58½				27
2	54	1.50							28
3	54	1.58½	1	53	1.25				29
									30
2	53	1.50							31
5	53.6	1.55	1	53	1.25				32
						1	60	.60	
			1	54	1.30				33
			1	53	2.30				34
						3	51.5	2.07	35
			1	([10])	1.15				36

[7] Including 4 boys.
[8] Not reported.
[9] Also house, fuel, water, and medical attendance.
[10] Irregular.
[11] 1 employee furnished also with house, fuel, water, transportation of children to school, and medical attendance.
[12] Also house, fuel, water, transportation of children to school, and medical attendance.
[13] Boys.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Overseers:				
1	Hawaiian	M.			
2	Portuguese	M.			
3	Scotch	M.			
4	Total				
	Overseers' assistants:				
5	Hawaiian	M.			
	Overseer, section:				
6	Japanese	M.			
	Painters:				
7	American	M.			
8	Chinese	M.	2	54	$1.92½
9	Hawaiian	M.	1	54	2.25
10	Part-Hawaiian	M.			
11	Total		3	54	2.03½
	Pattern makers:				
12	Portuguese	M.	1	54	4.50
13	Swedish	M.			
14	Total		1	54	4.50
	Pattern maker's helper:				
15	Portuguese	M.	1	54	2.50
	Pile drivers:				
16	American	M.	8	54	2.68½
17	German	M.	3	54	3.50
18	Hawaiian	M.	1	54	2.00
19	Irish	M.	1	54	4.50
20	Japanese	M.	1	54	1.25
21	Portuguese	M.	1	54	2.50
22	Swedish	M.	5	54	2.50
23	Total		20	54	2.73½
	Porters:				
24	American	M.			
25	American Negro	M.			
26	Hawaiian	M.			
27	Japanese	M.			
28	Total				
	Porters, chair car:				
29	Chinese	M.	2	54	1.34
	Porter, station:				
30	Japanese	M.	1	54	1.34
	Road masters:				
31	American	M.	1	(3)	5.75
32	English	M.			
33	Irish	M.			
34	Japanese	M.			
35	Total		1	(3)	5.75
	Roundhouse men:				
36	American	M.			
37	Hawaiian	M.			
38	Portuguese	M.			
39	Total				

[1] Also house, fuel, water, and medical attendance.
[2] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[3] 2 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	60	$5.18	1
						1	60	3.83	2
						1	60	4.22	3
						3	60	4.41	4
						3	60	2.00	5
						1	59.5	[1] 1.25	6
1	53	$3.00							7
2	53	2.25	3	54	$2.63½	9	51.5	$2.02	8
2	53.5	2.12½							9
			1	53	2.20	1	51.5	2.40	10
5	53.2	2.35	4	53.8	2.52½	10	51.5	2.06	11
1	53	4.50							12
1	54	4.75							13
2	53.5	4.62½							14
									15
									16
									17
									18
									19
									20
									21
									22
									23
						1	63	1.48	24
			1	70	1.31½				25
			2	60	[2] 1.25				26
			3	68	[3] .91				27
			6	65.7	[4] 1.09	1	63	1.48	28
2	53	1.34							29
1	53	1.34							30
1	53	5.75	3	[6] 59.5	[7] 4.34½				31
						1	60	4.22	32
						1	60	5.75	33
1	53	2.87½	1	53	2.30				34
2	53	4.31½	4	[8] 57.3	[7] 3.83½	2	60	4.99	35
			1	63	1.48				36
			1	63	1.23½				37
			1	63	2.13½				38
			3	63	1.61½				39

[4] See notes to details.
[5] Irregular.
[6] Hours reported for 2 employees only.
[7] 1 employee furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[8] Hours reported for 3 employees only

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Sailmaker:				
1	Japanese	M.			
	Scales man:				
2	American	M.			
	Scavenger:				
3	Chinese	M.			
	Section men:				
4	Chinese	M.			
5	Hawaiian	M.	1	54	$1.00
6	Japanese	M.	118	54	1.00
7	Korean	M.			
8	Portuguese	M.	3	54	1.11½
9	Total		122	54	1.00½
	Shop assistants:				
10	Hawaiian	M.			
	Signal man:				
11	Portuguese	M.	1	54	.96
	Stable boy:				
12	Japanese	M.			
	Station masters:				
13	Hawaiian	M.			
	Stenographers:				
14	American	F.	1	54	2.87½
15	Part-Hawaiian	M.			
16	Total		1	54	2.87½
	Stevedores:				
17	Hawaiian	M.			
	Storekeepers:				
18	American	M.			
19	French	M.			
20	Scotch	M.			
21	Total				
	Superintendents:				
22	American	M.			
23	German	M.			
24	Total				
	Superintendent, freight:				
25	American	M.			
	Superintendent, freight, assistant:				
26	American	M.			
	Superintendents, wharf:				
27	American	M.			
28	Swedish	M.	1	(2)	5.75
	Surveyors' helpers:				
29	Japanese	M.			
	Switchmen and flagmen:				
30	Hawaiian	M.			
	Telephone operator:				
31	American	M.			
	Timekeepers:				
32	American	M.			
33	Hawaiian	M.			
34	Total				
	Track walker:				
35	Chinese	M.			

[1] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[2] Irregular.
[3] Also house, fuel, water, and medical attendance.
[4] 10 employees furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[5] Hours reported for 254 employees only.
[6] 7 employees furnished also with house, fuel, water, and medical attendance.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	60	[1] $1.50				1
			1	([2])	3.29				2
			1	60	[1] 1.00				3
						2	60	[8] $1.00	4
						1	60	1.00	5
183	53.4	$1.02	162	59.8	[4] .98	255	[8] 55.9	[8] 1.00	6
						3	60	1.00	7
			4	60	1.27½	2	([7])	.81	8
183	53.4	1.02	166	59.8	[4] .98½	263	[8] 56.1	[9] 1.00	9
						3	60	1.50	10
									11
						1	([7])	.84	12
			4	59	.96	4	60	1.00	13
1	53	3.26	1	48	3.26				14
1	54	[10] 1.91½				2	60	3.52	15
2	53.5	[11] 2.58½	1	48	3.26	2	60	3.52	16
						8	60	1.25	17
			1	54	2.49	1	60	4.79	18
			1	53	3.45				19
						1	72	7.29	20
			2	53.5	2.97	2	66	6.04	21
						1	([7])	4.79	22
						1	54	11.50	23
						2	[12] 54	8.15	24
						1	60	6.25	25
						1	60	3.12	26
1	53	5.75							27
									28
						3	60	1.58	29
						2	60	1.75	30
			1	([2])	1.97½				31
						1	60	3.45	32
						1	60	2.30	33
						2	60	2.88	34
			1	59	1.25				35

[7] Not reported.
[8] Hours reported for 260 employees only.
[9] See notes to details.
[10] Also house, fuel, water, transportation of children to school, and medical attendance.
[11] 1 employee furnished also with house, fuel, water, transportation of children to school, and medical attendance.
[12] Hours reported for 1 employee only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAM RAILROADS (6 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Traffic master:				
1	Canadian	M.			
	Train dispatchers:				
2	American	M.			
3	English	M.	1	(1)	$4.79
4	Portuguese	M.			
	Watchmen:				
5	American	M.			
6	Hawaiian	M.			
7	Japanese	M.			
8	Portuguese	M.			
9	Russian	M.			
10	Total				
	Weighmaster:				
11	American	M.	1	(1)	2.87½
	Wharf hands:				
12	Hawaiian	M.			
	Wharfingers:				
13	American	M.			
14	Hawaiian	M.			
15	Portuguese	M.			
16	Total				
	Wharfmen:				
17	Japanese	M.			
	Winch driver:				
18	Hawaiian	M.			
	Wipers:				
19	Hawaiian	M.			
20	Japanese	M.			
21	Portuguese	M.			
22	Total				
	Wipers and oilers:				
23	Chinese	M.			
24	Hawaiian	M.			
25	Portuguese	M.			
26	Total				
	Yardman:				
27	Japanese	M.			
	Yardmasters:				
28	American	M.	1	(1)	5.17½
29	Irish	M.			
30	Part-Hawaiian	M.			
31	Total		1	(1)	5.17½

STEAMSHIP COMPANY, INTERISLAND (1 establishment).[6]

[Data for 1900–1901 are for 1 establishment; for 1902 and 1905 for 2 establishments.]

	Bartender:				
32	Japanese	M.			
	Blacksmiths:				
33	American	M.	1	53	$5.00
34	Portuguese	M.			
35	Total		1	53	5.00

[1] Irregular.
[2] Also house, fuel, water, transportation of children to school, and medical attendance.
[3] 1 employee furnished also with house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.
[4] 1 employee furnished also with house, fuel, water, transportation of children to school, and medical attendance.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAM RAILROADS (6 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	1	60	$5.20	1
1	53	$5.75	3	(1)	$3.89	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	1	60	2.88	4
.....	.....	.....	.....	.....	.....	2	53	2.25	5
.....	.....	.....	1	84	1.15	.....	.....	.....	6
.....	.....	.....	7	81	1.10½	4	68.5	1.10	7
1	63	[2] 1.91½	3	84	[3] 1.81	1	84	2.50	8
1	63	1.72½	.....	.....	.....	.....	.....	.....	9
2	63	[4] 1.82	11	82.1	[3] 1.30	7	66.3	1.63	10
.....	.....	.....	.....	.....	.....	1	53	1.92	11
.....	.....	.....	.....	.....	.....	2	60	1.38	12
.....	.....	.....	1	54	6.71	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	1	60	5.60	14
.....	.....	.....	1	53	1.72½	.....	.....	.....	15
.....	.....	.....	2	53.5	4.21½	1	60	5.60	16
.....	.....	.....	81	54	1.16½	.....	.....	.....	17
.....	.....	.....	6	60	[5] 2.00	.....	.....	.....	18
2	54	1.53½	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	1	60	[5] .75	.....	.....	.....	20
2	54	1.72½	.....	.....	.....	.....	.....	.....	21
4	54	1.63	1	60	[5] .75	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	2	60	1.13	23
.....	.....	.....	.....	.....	.....	1	60	1.50	24
.....	.....	.....	.....	.....	.....	1	60	1.50	25
.....	.....	.....	.....	.....	.....	4	60	1.32	26
.....	.....	.....	.....	.....	.....	1	60	1.53	27
1	53	5.75	1	(1)	4.93	1	60	4.41	28
.....	.....	.....	1	(1)	2.96	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	1	53	4.79	30
1	53	5.75	2	(1)	3.94½	2	56.5	4.60	31

STEAMSHIP COMPANY, INTERISLAND (1 establishment).[6]

[Data for 1900–1901 are for 1 establishment; for 1902 and 1905 for 2 establishments.]

.....	.....	.....	.....	.....	.....	1	63	$1.48	32
1	53	$5.00	.....	.....	.....	1	54	5.00	33
1	53	3.00	.....	.....	.....	.....	.....	.....	34
2	53	4.00	.....	.....	.....	1	54	5.00	35

[5] Also house, fuel, water, transportation of children to school, medical attendance, and assistance in case of accident incurred in service.

[6] In all occupations in which employees work 7 days per week, the hours per week are 63 when the vessels are in port at Honolulu; at sea the hours are 84 per week.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Blacksmiths' helpers:				
1	Hawaiian	M.			
2	Part-Hawaiian	M.	1	53	$2.50
3	Japanese	M.			
4	Total		1	53	2.50
	Boatswains:				
5	Hawaiian	M.			
	Bookkeeper:				
6	American	M.			
	Captains:				
7	American	M.			
8	English	M.			
9	German	M.			
10	Hawaiian	M.			
11	Part-Hawaiian	M.			
12	Norwegian	M.			
13	Swedish	M.			
14	Total				
	Carpenters:				
15	American	M.			
16	Hawaiian	M.			
17	Portuguese	M.			
18	Total				
	Carpenters' helpers:				
19	Chinese	M.			
20	Portuguese	M.			
21	Total				
	Clerk, coal:				
22	Hawaiian	M.			
	Clerks, freight:				
23	American	M.			
24	English	M.			
25	Hawaiian	M.			
26	Part-Hawaiian	M.			
27	Total				
	Clerks, freight, assistant:				
28	American	M.			
29	English	M.			
30	Part-Hawaiian	M.			
31	Total				
	Clerks, office:				
32	American	M.			
	Clerks, ship:				
33	American	M.			
	Clerks, store:				
34	American	M.			
35	Portuguese	M.			
36	Total				
	Clerks, wharf:				
37	American	M.			
38	English	M.			
39	Total				

[1] Also board.
[2] Boy.
[3] Including 1 boy.
[4] Also board while at sea, valued at 75 cents per day.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	53	$2.50				2	54	$2.13	1
									2
1	53	1.50							3
2	53	2.00				2	54	2.13	4
5	66	[1] 1.72½							5
1	53	8.33⅓							6
						3	63	5.75	7
						4	63	5.92	8
						2	63	5.42	9
						1	63	5.42	10
						2	63	5.75	11
						2	63	5.59	12
						1	63	5.42	13
						15	63	5.69	14
7	53	4.21½	1	54	$4.50				15
			4	54	2.37	4	54	3.88	16
4	53	3.29	1	54	3.25	1	54	3.50	17
11	53	3.88	6	54	2.87	5	54	3.80	18
						[2] 1	54	[2] 1.00	19
						2	54	1.67	20
						[2] 3	54	[2] 1.45	21
			1	60	[4] 3.83⅓				22
			1	[5]	2.50				23
			2	[6] 60	[7] 4.02½				24
1	66	[1] 2.30	3	[5]	1.93				25
						3	63	2.30	26
1	66	[1] 2.30	6	[6] 60	[7] 2.72½	3	63	2.30	27
						1	63	.99	28
						1	63	.99	29
						2	63	.99	30
						4	63	.99	31
2	53	5.75							32
2	66	[1] 3.37½							33
			1	60	5.75				34
			1	60	1.84				35
			2	60	3.79½				36
1	66	4.79	1	60	4.79				37
			1	60	2.68½				38
1	66	4.79	2	60	3.73½				39

[5] Irregular.
[6] Hours reported for 1 employee only.
[7] 1 employee receives also board while at sea, valued at 75 cents per day.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Coal passers:				
1	American	M.	1	72	[1] $1.53½
2	Hawaiian	M.	1	72	[1] 1.53½
3	Irish	M.	1	72	[1] 1.53½
4	Total		3	72	[1] 1.53½
	Cooks:				
5	Chinese	M.			
6	Japanese	M.			
7	Spanish	M.			
8	Total				
	Cook's helper:				
9	Chinese	M.			
	Cooks, second:				
10	Chinese	M.			
11	Portuguese	M.			
12	Total				
	Cooks, third:				
13	Chinese	M.			
	Drayman:				
14	Portuguese	M.			
	Electricians:				
15	American	M.			
16	English	M.			
17	Hawaiian	M.			
18	Part-Hawaiian	M.			
19	Total				
	Engineers, assistant:				
20	American	M.			
21	English	M.			
22	Greek	M.			
23	Hawaiian	M.			
24	Portuguese	M.			
25	Scotch	M.			
26	Total				
	Engineers, assistant, first:				
27	American	M.			
28	English	M.			
29	German	M.			
30	Hawaiian	M.			
31	Total				
	Engineers, assistant, second:				
32	American	M.			
33	German	M.			
34	Part-Hawaiian	M.			
35	Total				
	Engineer, assistant, third:				
36	American	M.			

[1] Also board.
[2] Irregular.
[3] Also board, valued at $10 per month.
[4] Also board, valued at $25 per month.
[5] Hours reported for 1 employee only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
									1
3	66	[1] $1.53½							2
									3
3	66	[1] 1.53½							4
21	(2)	[1] 1.54	17	(2)	[3] $1.63	14	63	$1.50	5
			2	(2)	[3] 1.22½				6
2	(2)	[1] 1.30½	1	(2)	[3] 1.99½	1	63	1.71	7
23	(2)	[1] 1.52	20	(2)	[3] 1.60½	15	63	1.51	8
1	(2)	[1] .50	1	(2)	[3] .50				9
						5	63	1.13	10
						1	63	1.12	11
						6	63	1.13	12
						2	63	.92	13
			1	60	1.84				14
4	53	1.91½	1	(2)	1.91½	1	63	1.64	15
			1	60	[4] 1.91½	1	63	1.64	16
			1	(2)	1.91½				17
						1	63	1.64	18
4	53	1.91½	3	[5] 60	[6] 1.91½	3	63	1.64	19
5	66	[1] 3.72	12	[7] 72	[4] 3.92½				20
2	66	[1] 4.02½	4	[8] 72	[4] 3.64½				21
1	66	[1] 4.02½	1	(2)	[4] 4.02½				22
			1	(2)	[4] 4.02½				23
			1	[9] 72	[4] 4.04				24
1	66	[1] 4.02½							25
9	66	[1] 3.85½	19	[10] 72	[4] 3.88				26
7	66	[1] 3.98				11	63	3.83	27
						1	63	3.78	28
						2	63	3.87	29
						1	63	3.78	30
7	66	[1] 3.98				15	63	3.83	31
4	66	[1] 3.56½				3	63	3.40	32
						1	63	3.45	33
						2	63	3.37	34
4	66	[1] 3.56½				6	63	3.40	35
						1	63	2.79	36

[6] 1 employee receives also board, valued at $25 per month.
[7] 9 hours per day while in port. Hours reported for 8 employees only.
[8] 9 hours per day while in port. Hours reported for 1 employee only.
[9] 9 hours per day while in port.
[10] 9 hours per day while in port. Hours reported for 10 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR 1900–1901, 1902, 1905,

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineers, chief:				
1	American	M.	8	72	[1] $4.62½
2	English	M.	1	72	[4] 3.83½
3	German	M.	1	72	[4] 3.83½
4	Greek	M.			
5	Hawaiian	M.			
6	Part-Hawaiian	M.			
7	Portuguese	M.			
8	Total	.....	10	72	[7] 4.46½
	Engineers, donkey engine:				
9	German	M.			
10	Hawaiian	M.	1	72	[2] 1.53½
11	Japanese	M.			
12	Portuguese	M.			
13	South Sea Islander	M.			
14	Total	.....	1	72	[2] 1.53½
	Engineer, port:				
15	Scotch	M.			
	Engineers, steamship, second:				
16	American	M.	5	72	[2] 3.45
17	English	M.	2	72	[2] 3.83½
18	Greek	M.	1	72	[2] 3.83½
19	Scotch	M.	1	72	[2] 3.83½
20	Total	.....	9	72	[2] 3.62
	Firemen:				
21	American	M.	3	72	[2] 1.72½
22	Chinese	M.	14	72	[2] 1.49½
23	English	M.			
24	German	M.	1	72	[2] 1.72½
25	Hawaiian	M.			
26	Part-Hawaiian	M.	2	72	[2] 1.72½
27	Irish	M.	2	72	[2] 1.72½
28	Japanese	M.			
29	Korean	M.			
30	Swedish	M.	1	72	[2] 1.72½
31	Total	.....	23	72	[2] 1.58½
	Foreman, stevedores:				
32	Hawaiian	M.	1	53	5.36½
	Laborers:				
33	Hawaiian	M.			
	Laborers, carpenters:				
34	Hawaiian	M.			
	Laborers, shop:				
35	Chinese	M.	[11] 1	53	[11] .83½
36	Hawaiian	M.			
37	Part-Hawaiian	M.	[11] 1	53	[11] .83½
38	Japanese	M.	4	53	[2] 1.00
39	Total	.....	[13] 6	53	[13] .94½
	Machinists:				
40	American	M.			
41	German	M.			
42	Hawaiian	M.			
43	Part Hawaiian	M.	1	53	4.00
44	Portuguese	M.			
45	Total	.....	1	53	4.00

[1] 1 employee receives also board, valued at $25 per month.
[2] Also board.
[3] 9 hours per day while in port. Hours reported for 5 employees only.
[4] Also board, valued at $25 per month.
[5] 9 hours per day while in port. Hours reported for 1 employee only.
[6] Irregular.
[7] 3 employees receive also board, valued at $25 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
15	66	[3] $5.05½	10	[3] 72	[4] $5.07	8	63	$4.85	1
1	66	[3] 4.60	3	[5] 72	[4] 5.25	4	63	4.77	2
1	66	[3] 4.60	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	1	63	4.60	4
.....	.....	.....	1	([6])	[4] 4.98½	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	1	63	4.60	6
.....	.....	.....	.....	.....	.....	1	63	4.60	7
17	66	[3] 5.00	14	[3] 72	[4] 5.10	15	63	4.78	8
1	66	[3] 1.91½	1	([6])	[9] 1.91½	.....	.....	.....	9
5	66	[3] 1.75	2	([6])	[9] 1.75	.....	.....	.....	10
.....	.....	.....	1	([6])	[9] 1.75	.....	.....	.....	11
.....	.....	.....	1	([6])	[9] 1.91½	.....	.....	.....	12
.....	.....	.....	1	([6])	[9] 1.75	.....	.....	.....	13
6	66	[3] 1.77½	6	([6])	[9] 1.80½	.....	.....	.....	14
.....	.....	.....	1	([6])	7.67	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	20
12	66	[3] 1.72½	.....	.....	.....	.....	.....	.....	21
28	66	[3] 1.42	42	([6])	[9] 1.34	36	63	1.14	22
.....	.....	.....	1	([6])	[9] 1.32½	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	2	([6])	[9] 1.32½	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	3	63	1.28	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	2	([6])	[9] 1.33½	13	63	1.14	28
.....	.....	.....	.....	.....	.....	1	63	1.14	29
.....	.....	.....	1	([6])	[9] 1.32½	.....	.....	.....	30
40	66	[3] 1.51½	48	([6])	[9] 1.34	53	63	1.15	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	32
([10])	66	([10])	.....	.....	.....	.....	.....	.....	33
3	53	1.75	.....	.....	.....	.....	.....	.....	34
2	53	1.41½	.....	.....	.....	.....	.....	.....	35
1	53	1.15	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	38
3	53	1.32½	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	2	54	4.75	40
.....	.....	.....	.....	.....	.....	1	54	4.50	41
1	53	4.98½	1	54	2.99	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	1	54	3.25	.....	.....	.....	44
1	53	4.98½	2	54	3.12	3	54	4.67	45

[3] 9 hours per day while in port. Hours reported for 6 employees only.
[9] Also board, valued at $10 per month.
[10] Not reported.
[11] Boy.
[12] Including 2 boys.
[13] See notes to details.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Machinist, assistant:				
1	Hawaiian	M.	.....	.....	.....
	Machinists' helpers:				
2	Chinese	M.	1	53	$1.72½
3	Hawaiian	M.	.....	.....	.....
4	Japanese	M.	1	53	1.25
5	Total	.....	2	53	1.48½
	Masters:				
6	American	M.	.....	.....	.....
7	Dutch	M.	.....	.....	.....
8	English	M.	.....	.....	.....
9	German	M.	.....	.....	.....
10	Hawaiian	M.	.....	.....	.....
11	Part-Hawaiian	M.	.....	.....	.....
12	Irish	M.	.....	.....	.....
13	Norwegian	M.	.....	.....	.....
14	Not reported	M.	.....	.....	.....
15	Total	.....	.....	.....	.....
	Master, port:				
16	American	M.	.....	.....	.....
	Master, port, assistant:				
17	Hawaiian	M.	.....	.....	.....
	Mates, first:				
18	American	M.	.....	.....	.....
19	English	M.	.....	.....	.....
20	German	M.	.....	.....	.....
21	Hawaiian	M.	.....	.....	.....
22	Part-Hawaiian	M.	.....	.....	.....
23	Norwegian	M.	.....	.....	.....
24	Russian	M.	.....	.....	.....
25	Swedish	M.	.....	.....	.....
26	Not reported	M.	.....	.....	.....
27	Total	.....	.....	.....	.....
	Mates, second:				
28	American	M.	.....	.....	.....
29	English	M.	.....	.....	.....
30	German	M.	.....	.....	.....
31	Hawaiian	M.	.....	.....	.....
32	Part-Hawaiian	M.	.....	.....	.....
33	Irish	M.	.....	.....	.....
34	Total	.....	.....	.....	.....
	Mates, third:				
35	German	M.	.....	.....	.....
36	Hawaiian	M.	.....	.....	.....
37	Part-Hawaiian	M.	.....	.....	.....
38	Russian	M.	.....	.....	.....
39	Swedish	M.	.....	.....	.....
40	Total	.....	.....	.....	.....
	Oilers:				
41	American	M.	4	72	[1] 1.72½
42	German	M.	1	72	[1] 1.72½
43	Hawaiian	M.	.....	.....	.....
44	Part-Hawaiian	M.	.....	.....	.....
45	Irish	M.	2	72	[1] 1.72½
46	Other Caucasian	M.	.....	.....	.....
47	Total	.....	7	72	[1] 1.72½

[1] Also board.
[2] 9 hours per day while in port. Hours reported for 5 employees only.
[3] Also board, valued at $25 per month.
[4] Irregular.
[5] 9 hours per day while in port. Hours reported for 1 employee only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	53	$2.68½							1
						2	54	$1.04	2
						3	54	2.00	3
			2	54	$1.32½	1	54	1.50	4
			2	54	1.32½	6	54	1.60	5
7	66	[1] 5.58½	7	[2] 72	[3] 5.84½				6
1	66	[1] 5.75							7
1	66	[1] 5.75	1	(4)	[3] 5.75				8
			1	(4)	[3] 5.75				9
			2	[5] 72	[3] 5.74½				10
3	66	[1] 5.94							11
			2	(4)	[3] 5.75				12
			1	(4)	[3] 5.75				13
4	66	[1] 5.36½							14
16	66	[1] 5.61½	14	[6] 72	[3] 5.79½				15
			1	(4)	9.58½				16
			1	(4)	4.79				17
7	66	[1] 3.46	6	[7] 72	[3] 3.45½	3	63	3.12	18
			2	[5] 72	[3] 3.64½	4	63	3.12	19
			2	(4)	[3] 3.45	1	63	3.45	20
			2	[8] 72	[3] 3.83½	2	63	3.29	21
1	66	[1] 3.83½				3	63	3.23	22
			1	(4)	[3] 3.45				23
			1	(4)	[3] 3.45	1	63	3.12	24
						1	63	3.45	25
9	66	[1] 3.36½							26
17	66	[1] 3.43	14	[6] 72	[3] 3.53½	15	63	3.21	27
7	66	[1] 2 91½	3	[8] 72	[3] 2.91½	2	63	2.63	28
			2	(4)	[3] 2.87½	1	63	2.63	29
						2	63	2.63	30
			6	[7] 72	[3] 2.89½	9	63	2.63	31
8	66	[1] 2.30				1	63	2.63	32
			3	(4)	[3] 2.87½				33
15	66	[1] 2.58½	14	[6] 72	[3] 2.89	15	63	2.63	34
						1	63	2.30	35
						1	63	2.30	36
1	66	[1] 1.72½							37
			1	(4)	[3] 2.49				38
1	66	[1] 1.72½							39
2	66	[1] 1.72½	1	(4)	[3] 2.49	2	63	2.30	40
4	66	[3] 1.72½	2	(4)	[9] 1.72½	3	63	1.59	41
1	66	[3] 1.72½				1	63	1.64	42
			2	(4)	[9] 1.72½				43
						2	63	1.48	44
2	66	[3] 1.72½							45
						1	63	1.48	46
7	66	[3] 1.72½	4	(4)	[9] 1.72½	7	63	1.55	47

[6] 9 hours per day while in port. Hours reported for 6 employees only.
[7] 9 hours per day while in port. Hours reported for 3 employees only.
[8] 9 hours per day while in port.
[9] Also board, valued at $10 per month.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Pantrymen:				
1	Chinese	M.			
2	Filipino	M.			
3	Total				
	Pantryman, second:				
4	Chinese	M.			
	Pursers:				
5	American	M.			
6	English	M.			
7	German	M.			
8	Hawaiian	M.			
9	Part-Hawaiian	M.			
10	Total				
	Quartermasters:				
11	American	M.			
12	American Negro	M.			
13	Australian	M.			
14	English	M.			
15	Filipino	M.			
16	German	M.			
17	Hawaiian	M.			
18	Japanese	M.			
19	Norwegian	M.			
20	Portuguese	M.			
21	Spanish	M.			
22	Swedish	M.			
23	Total				
	Sailors:				
24	American	M.			
25	English	M.			
26	Filipino	M.			
27	Hawaiian	M.			
28	Japanese	M.			
29	South Sea Islander	M.			
30	Spanish	M.			
31	Total				
	Shipwright:				
32	American	M.			
	Statistician:				
33	American	M.			
	Stenographers:				
34	American	F.			
35	Part-Hawaiian	M.			
	Stevedores:				
36	Hawaiian	M.	24	53	$2.00
37	Part-Hawaiian	M.	6	53	2.00
38	Japanese	M.	22	53	1.00
39	Portuguese	M.	9	53	2.00
40	Total		61	53	1.64
	Stewards:				
41	Chinese	M.			
42	East Indian	M			
43	Japanese	M.			
44	Portuguese	M.			
45	Spanish	M.			
46	Total				

[1] Irregular.
[2] Also board, valued at $25 per month.
[3] Also board.
[4] 9 hours per day while in port.
[5] Receives $1.50 per day while in port; receives also board, valued at $10 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	2	(1)	[2] $1.16½	3	63	$1.03	1
.....	.....	.....	.....	.....	.....	1	63	.85	2
.....	.....	.....	2	(1)	[2] 1.16½	4	63	.99	3
.....	.....	.....	.....	.....	.....	1	63	.66	4
6	66	[3] $3.07	10	(1)	[2] 2.68½	4	63	2.63	5
.....	.....	.....	2	(1)	[2] 2.60½	4	63	2.67	6
.....	.....	.....	.....	.....	.....	1	63	2.47	7
8	66	[3] 2.34½	1	(1)	[2] 2.30	3	63	2.47	8
1	66	[3] 4.83½	2	(1)	[2] 4.05½	3	63	1.97	9
15	66	[3] 2.80	15	(1)	[2] 2.83	15	63	2.47	10
1	66	[3] 1.33½	2	(1)	[2] 1.33½	.....	.....	.....	11
.....	.....	.....	1	(1)	[2] 1.33½	.....	.....	.....	12
.....	.....	.....	1	(1)	[2] 1.15	.....	.....	.....	13
.....	.....	.....	2	(1)	[2] 1.24½	.....	.....	.....	14
.....	.....	.....	3	(1)	[2] 1.33½	.....	.....	.....	15
.....	.....	.....	1	(1)	[2] 1.15	.....	.....	.....	16
16	66	[3] 1.24½	.....	.....	.....	.....	.....	.....	17
1	66	[3] 1.33½	2	(1)	[2] 1.33½	.....	.....	.....	18
1	66	[3] 1.33½	1	(1)	[2] 1.15	.....	.....	.....	19
3	66	[3] 1.33½	2	(1)	[2] 1.33½	.....	.....	.....	20
.....	.....	.....	1	(1)	[2] 1.33½	.....	.....	.....	21
.....	.....	.....	1	(1)	[2] 1.15	.....	.....	.....	22
22	66	[3] 1.27	17	(1)	[2] 1.28	.....	.....	.....	23
.....	.....	.....	1	[4] 72	[5] .83½	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	1	63	1.50	25
.....	.....	.....	.....	.....	.....	1	63	1.50	26
259	66	[3] 1.10	231	[4] 72	[6] 1.00	233	63	1.50	27
115	66	[3] 1.09½	93	[4] 72	[7] .95½	175	63	1.50	28
.....	.....	.....	1	[4] 72	[6] .83½	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	2	63	1.50	30
374	66	[3] 1.10	326	[4] 72	[6] .98½	412	63	1.50	31
.....	.....	.....	1	60	7.67	1	(8)	7.67	32
1	53	3.38½	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	1	60	2.30	.....	.....	.....	34
1	53	3.83½	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	40
14	66	[3] 1.68	15	(1)	[2] 1.70½	.....	.....	.....	41
1	66	[3] 2.00	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	1	(1)	[2] 1.16½	.....	.....	.....	43
1	66	[3] 2.00	1	(1)	[2] 1.66½	.....	.....	.....	44
2	66	[3] 2.07	2	(1)	[2] 1.82	.....	.....	.....	45
18	66	[3] 1.76	19	(1)	[2] 1.68½	.....	.....	.....	46

[5] Receive $1.50 per day while in port; receive also board, valued at $10 per month; 29 employees act as petty officers while at sea.
[7] Receive $1.50 per day while in port; receive also board, valued at $10 per month; 6 employees act as petty officers while at sea.
[3] See notes to details.
[8] Not reported.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Stewards, chief:				
1	Chinese	M.			
2	Portuguese	M.			
3	Spanish	M.			
4	Total				
	Steward, port:				
5	American	M.			
	Stewards, second:				
6	Chinese	M.			
7	Japanese	M.			
8	Part-Hawaiian	M.			
9	Total				
	Stock keeper:				
10	Part-Hawaiian	M.	1	53	$2.87½
	Superintendents, engineer:				
11	American	M.			
12	Scotch	M.			
	Superintendents, wharf:				
13	American	M.			
	Walters:				
14	Chinese	M.			
15	Filipino	M.			
16	Part-Hawaiian	M.			
17	Japanese	M.			
18	Portuguese	M.			
19	Spanish	M.			
20	Total				
	Watchmen:				
21	American	M.			
22	German	M.			
23	Norwegian	M.			
24	Portuguese	M.			
25	Total				
	Water tenders:				
26	American	M.			

STOCK RANCHES (2 establishments).

[Data for 1902 are for 3 establishments, and for 1905 for 2 establishments.]

	Blacksmith:				
27	Part-Hawaiian	M.			
	Bookkeeper:				
28	Part-Hawaiian	M.			
	Butcher:				
29	Chinese	M.			
	Carpenter:				
30	Hawaiian	M.			
	Cook:				
31	Chinese	M.			
	Cowboys:				
32	Hawaiian	M.			

[1] Irregular.
[2] Not reported.
[3] Hours reported for 1 employee only.
[4] Also board.
[5] Also board, valued at $10 per month.
[6] 1 employee receives also board, valued at $10 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STEAMSHIP COMPANY, INTERISLAND (1 establishment)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	13	63	$1.50	1
.....	.....	.....	.....	.....	.....	1	63	2.79	2
.....	.....	.....	.....	.....	.....	1	63	2.14	3
.....	.....	.....	.....	.....	.....	15	63	1.63	4
1	(1)	$2.30	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	3	63	.99	6
.....	.....	.....	.....	.....	.....	1	63	.85	7
.....	.....	.....	.....	.....	.....	2	63	.99	8
.....	.....	.....	.....	.....	.....	6	63	.97	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	10
1	(1)	9.58½	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	1	(2)	7.67	12
2	[3] 66	8.62½	.....	.....	.....	.....	.....	.....	13
24	(1)	[4] 1.01½	24	(1)	[5] $0.96½	16	63	.82	14
.....	.....	.....	.....	.....	.....	3	63	.85	15
.....	.....	.....	.....	.....	.....	3	63	.85	16
11	(1)	[4] 1.05½	1	(1)	[5] .99½	9	63	.85	17
2	(1)	[4] 1.00	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	2	(1)	[5] .99½	.....	.....	.....	19
37	(1)	[4] 1.02½	27	(1)	[5] .97	31	63	.83	20
.....	.....	.....	1	84	2.14½	.....	.....	.....	21
.....	.....	.....	1	84	.98½	.....	.....	.....	22
.....	.....	.....	1	84	1.97½	.....	.....	.....	23
.....	.....	.....	1	72	[5] 1.00	.....	.....	.....	24
.....	.....	.....	4	81	[6] 1.52½	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	3	63	1.81	26

STOCK RANCHES (2 establishments).

[Data for 1902 are for 3 establishments, and for 1905 for 2 establishments.]

.....	.....	.....	1	60	[7] $0.96	.....	.....	.....	27
.....	.....	.....	1	60	[7] 3.83½	.....	.....	.....	28
1	66	$1.15	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	1	60	[8] .96	.....	.....	.....	30
1	70	.72½	1	70	[9] .66	.....	.....	.....	31
.....	.....	.....	[10] 28	[11] 84	[12] .77	.....	.....	.....	32

[7] Also beef and poi.
[8] Also beef.
[9] Also home and board, valued at $10 per month.
[10] Including 1 boy.
[11] Hours reported for 11 employees only.
[12] Including 1 boy; 16 employees receive also beef and poi; 6 furnished also with house and board, valued at $10 per month; 5 receive also food when on the mountain.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STOCK RANCHES (2 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages. per day.
	Dairymen:				
1	Chinese	M.			
2	Hawaiian	M.			
3	Japanese	M.			
4	Total	.....			
	Fence men:				
5	American	M.			
6	Hawaiian	M.			
7	Total	.....			
	Foremen, cowboys:				
8	Hawaiian	M.			
	Foreman, fence men:				
9	Hawaiian	M.			
	Foreman, foresters:				
10	German	M.			
	Foreman, horse boys:				
11	American	M.			
	Foreman, land cleaners:				
12	Hawaiian	M.			
	Foreman, sheep herders:				
13	English	M.			
	Foreman, teamsters:				
14	German	M.			
	Forester:				
15	Part-Hawaiian	M.			
	Harness maker:				
16	Hawaiian	M.			
	Horse boys:				
17	Hawaiian	M.			
	House boy:				
18	Japanese	M.			
	Laborers:				
19	Japanese	M.			
	Land cleaners:				
20	Japanese	M.			
	Overseers:				
21	American	M.			
22	Hawaiian	M.			
23	Irish	M.			
24	Total	.....			
	Shearers:				
25	Hawaiian	M.			
	Sheep herders:				
26	Chinese	M.			
27	Hawaiian	M.			
28	Japanese	M.			
29	Portuguese	M.			
30	Total	.....			
	Stablemen:				
31	Hawaiian	M.			
32	Japanese	M.			
33	Total	.....			

[1] Also board.
[2] Irregular.
[3] Also house and board, valued at $10 per month.
[4] Also house, beef, and rice.
[5] Hours reported for 1 employee only.
[6] See notes to details.
[7] 3 employees receive also beef and poi; 1 is furnished with house and board, valued at $10 per month.
[8] 2 employees receive also beef and poi, and 1 is furnished with house and board, valued at $10 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STOCK RANCHES (2 establishments)—Continued.

1902			1905.			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	77	[1] $1.15	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	1	84	[2] $0.82	.....	.....	.....	2
.....	.....	.....	5	[2]	[3] .70½	.....	.....	.....	3
1	77	[1] 1.15	6	[5] 84	[6] .72½	.....	.....	.....	4
.....	.....	.....	1	[2]	1.00	.....	.....	.....	5
.....	.....	.....	5	[5] 60	[7] .85½	.....	.....	.....	6
.....	.....	.....	6	[5] 60	[7] .87½	.....	.....	.....	7
.....	.....	.....	3	[5] 84	[8] 1.28	.....	.....	.....	8
.....	.....	.....	1	[2]	[9] 1.34½	.....	.....	.....	9
.....	.....	.....	1	[2]	[9] 1.31½	.....	.....	.....	10
.....	.....	.....	1	[2]	[9] 1.92½	.....	.....	.....	11
.....	.....	.....	1	[2]	[9] .69	.....	.....	.....	12
.....	.....	.....	1	[2]	3.29	.....	.....	.....	13
.....	.....	.....	1	[2]	[10] 1.31½	.....	.....	.....	14
.....	.....	.....	1	[2]	[9] .69	.....	.....	.....	15
.....	.....	.....	1	60	[9] 1.34½	.....	.....	.....	16
.....	.....	.....	4	[2]	[9] .62½	.....	.....	.....	17
.....	.....	.....	1	70	[8] .46	.....	.....	.....	18
.....	.....	.....	2	60	[8] .42½	.....	.....	.....	19
.....	.....	.....	39	60	[11] .69	.....	.....	.....	20
1	84	3.29	.....	.....	.....	.....	.....	.....	21
4	64.3	[12] 1.09½	.....	.....	.....	.....	.....	.....	22
1	60	1.15½	.....	.....	.....	.....	.....	.....	23
6	66.8	[12] 1.47	.....	.....	.....	.....	.....	.....	24
39	72	[1] 1.00	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	2	[2]	1.00	.....	.....	.....	26
.....	.....	.....	1	[2]	1.00	.....	.....	.....	27
.....	.....	.....	1	[2]	.92½	.....	.....	.....	28
.....	.....	.....	1	[2]	1.00	.....	.....	.....	29
.....	.....	.....	5	[2]	.98½	.....	.....	.....	30
.....	.....	.....	[13] 2	[2]	[14] .57½	.....	.....	.....	31
.....	.....	.....	2	[2]	[15] .69	.....	.....	.....	32
.....	.....	.....	[13] 4	[2]	[6] .63½	.....	.....	.....	33

[9] Also beef and poi.
[10] Also house.
[11] Also house and beef.
[12] 1 employee receives also board.
[13] Including 1 boy.
[14] Including 1 boy; receive also beef and poi.
[15] Also beef.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STOCK RANCHES (2 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Stock herders:				
1	Hawaiian	M.			
2	Japanese	M.			
3	Do	F.			
4	Portuguese	M.			
5	Total				
	Teamsters:				
6	German	M.			
7	Hawaiian	M.			
8	Total				
	Yard boys:				
9	Chinese	M.			
10	Japanese	M.			
11	Total				

STONE QUARRYING AND CUTTING (5 establishments).

	Carpenter:				
12	Portuguese	M.			
	Engineers:				
13	American	M.			
	Engineer, assistant:				
14	Portuguese	M.			
	Fireman and watchman:				
15	Japanese	M.			
	Helpers:				
16	Japanese	M.			
	Laborers:				
17	American	M.			
18	Hawaiian	M.			
19	Total				
	Office boy:				
20	Portuguese	M.			
	Quarrymen:				
21	Japanese	M.			
	Stone breakers:				
22	Japanese	M.			
	Stone cutters:				
23	Japanese	M.			
24	Portuguese	M.			
25	Total				
	Watchman:				
26	Japanese	M.			

STREET RAILWAY (1 establishment).

	Blacksmith:				
27	Portuguese	M.			
	Blacksmiths' helpers:				
28	Portuguese	M.			
	Boiler-room men:				
29	American	M.			
	Bookkeeper:				
30	American	M.			

[1] Including 2 boys.
[2] Including 2 boys; receive also board.
[3] Including 2 boys; 53 employees receive also board.
[4] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STOCK RANCHES (2 establishments)—Concluded.

1902			1905.			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
[1] 53	83.2	[2] $0.49½							1
14	70	.65½							2
2	70	.33							3
1	70	.79							4
[1] 70	80	[3] .52½							5
			1	(4)	[5] $1.00				6
			2	(4)	[5] .84½				7
			3	(4)	[5] .89½				8
			1	(4)	[5] .23				9
			4	[6] 70	[7] .62½				10
			5	[6] 70	[8] .54½				11

STONE QUARRYING AND CUTTING (5 establishments).

						1	54	$2.00	12
						2	[6] 54	5.38	13
						1	54	2.00	14
						1	53	1.35	15
						4	54	1.25	16
						2	54	1.63	17
						4	18	1.00	18
						6	30	1.21	19
						1	54	.83	20
						6	(4)	1.25	21
						4	(4)	1.00	22
						8	54	1.62	23
						3	48	3.89	24
						11	52.4	2.24	25
						1	84	1.07	26

STREET RAILWAY (1 establishment).

1	54	$3.00	1	54	$3.00				27
2	54	1.50	1	54	1.75				28
						2	66.5	$2.47	29
1	48	5.75							30

[5] Also beef and poi.
[6] Hours reported for 1 employee only.
[7] 1 employee furnished also with house and board, valued at $10 per month, and 3 receive also beef.
[8] See notes to details.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STREET RAILWAY (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Car cleaners:				
1	Chinese	M.			
	Carpenters:				
2	American	M.			
3	Canadian	M.			
4	Scotch	M.			
5	Total				
	Car receivers:				
6	American	M.			
7	English	M.			
	Car washers:				
8	Chinese	M.			
	Cashier:				
9	Scotch	M.			
	Clerks:				
10	American	M.			
11	Canadian	M.			
12	Total				
	Conductors:				
13	American	M.			
14	Canadian	M.			
15	Danish	M.			
16	English	M.			
17	German	M.			
18	Hawaiian	M.			
19	Part-Hawaiian	M.			
20	Irish	M.			
21	Norwegian	M.			
22	Portuguese	M.			
23	Scotch	M.			
24	Total				
	Draymen:				
25	Portuguese	M.			
	Electrician:				
26	American	M.			
	Engineer, chief:				
27	American	M.			
	Engineers, civil:				
28	American	M.			
	Engineers, civil, assistant:				
29	American	M.			
30	German	M.			
31	Portuguese	M.			
32	Total				
	Engineers, power house:				
33	American	M.			
34	English	M.			
35	Total				
	Engineer, power house, chief:				
36	American	M.			
37	English	M.			
	Engineer, rock crusher:				
38	American	M.			
	Firemen, power house:				
39	American	M.			
	Fireman, rock crusher:				
40	Japanese	M.			
	Foreman, blacksmith shop:				
41	Portuguese	M.			
	Foreman, car barns:				
42	American	M.			
	Foreman, carpenters:				
43	Canadian	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STREET RAILWAY (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
2	54	$1.25	3	54	$1.27½	.....	.....	.....	1
1	54	4.00	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	1	54	4.79	1	54	$3.50	3
.....	.....	.....	1	54	3.50	.....	.....	.....	4
1	54	4.00	2	54	4.14½	1	54	3.50	5
1	77	2.46½	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	1	77	3.29	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	2	54	1.43	8
.....	.....	.....	1	63	4.93	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	3	54	4.73	10
.....	.....	.....	.....	.....	.....	1	54	4.79	11
.....	.....	.....	.....	.....	.....	4	54	4.75	12
24	63	2.70	28	63	2.70	28	63	2.70	13
1	63	2.70	1	63	2.70	.....	.....	.....	14
.....	.....	.....	2	63	2.70	1	63	2.70	15
3	63	2.70	4	63	2.70	7	63	2.70	16
1	63	2.70	2	63	2.70	.....	.....	.....	17
3	63	2.70	4	63	2.70	5	63	2.70	18
.....	.....	.....	.....	.....	.....	10	63	2.70	19
1	63	2.70	2	63	2.70	.....	.....	.....	20
.....	.....	.....	1	63	2.70	.....	.....	.....	21
.....	.....	.....	2	63	2.70	1	63	2.70	22
2	63	2.70	4	63	2.70	.....	.....	.....	23
35	63	2.70	50	63	2.70	52	63	2.70	24
2	54	1.50	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	1	63	5.75½	1	54	6.71	26
.....	.....	.....	.....	.....	.....	1	54	6.90	27
2	54	3.89½	.....	.....	.....	1	54	7.67	28
.....	.....	.....	.....	.....	.....	1	63	3.29	29
.....	.....	.....	.....	.....	.....	1	63	2.96	30
1	54	2.50	.....	.....	.....	.....	.....	.....	31
1	54	2.50	.....	.....	.....	2	63	3.13	32
1	63	2.46½	2	63	3.53½	.....	.....	.....	33
1	63	4.11	.....	.....	.....	.....	.....	.....	34
2	63	3.28½	2	63	3.53½	.....	.....	.....	35
.....	.....	.....	1	56	5.92	.....	.....	.....	36
1	56	6.00	.....	.....	.....	.....	.....	.....	37
1	54	3.50	.....	.....	.....	.....	.....	.....	38
2	63	2.46½	2	63	2.46½	.....	.....	.....	39
1	54	1.25	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	1	54	3.25	41
.....	.....	.....	.....	.....	.....	1	57	3.45	42
.....	.....	.....	.....	.....	.....	1	54	4.79	43

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STREET RAILWAY (1 establishment)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foreman, linemen:				
1	American	M.			
2	Norwegian	M.			
	Foreman, paint shop:				
3	Austrian	M.			
	Foreman, repair shop:				
4	American	M.			
	Foreman, rock crusher:				
5	Part-Hawaiian	M.			
	Foremen, shop:				
6	American	M.			
	Foreman, track:				
7	American	M.			
8	Part-Hawaiian	M.			
	Helpers, blacksmith shop:				
9	American	M.			
	Helpers, car barns:				
10	American	M.			
11	Austrian	M.			
12	Total				
	Helper, carpenter shop:				
13	Portuguese	M.			
	Helper, engine room:				
14	Japanese	M.			
	Helpers, repair shop:				
15	American	M.			
	Janitors:				
16	Chinese	M.			
	Laborers:				
17	Hawaiian	M.			
18	Portuguese	M.			
19	Total				
	Laborers, rock crusher:				
20	Japanese	M.			
	Laborers, track:				
21	American	M.			
22	Japanese	M.			
23	Total				
	Linemen:				
24	Hawaiian	M.			
25	Portuguese	M.			
26	Swedish	M.			
27	Total				
	Machinists:				
28	American	M.			
29	Hawaiian	M.			
30	Swedish	M.			
31	Total				
	Machinists' helper:				
32	American	M.			
33	Danish	M.			
34	German	M.			
35	Portuguese	M.			
36	Total				
	Manager:				
37	American	M.			
	Motormen:				
38	American	M.			
39	Danish	M.			
40	English	M.			
41	German	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STREET RAILWAY (1 establishment)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day	
1	54	$6.71							1
						1	54	$3.07	2
						1	54	4.00	3
						1	57	4.11	4
1	54	3.50							5
2	70	3.61½							6
1	63	6.00							7
						1	54	3.83	8
						2	54	1.75	9
						2	57	2.17	10
						1	57	1.81	11
						3	57	2.05	12
						1	54	1.75	13
						1	63	1.00	14
						3	57	2.31	15
						2	60	.91	16
						2	54	1.50	17
			1	54	$1.50	21	54	1.50	18
			1	54	1.50	23	54	1.50	19
30	54	1.00							20
6	54	1.75							21
104	54	1.50							22
110	54	1.51½							23
1	54	3.00				1	54	2.50	24
						1	54	2.88	25
3	54	2.83½	2	54	2.78				26
4	54	2.87½	2	54	2.78	2	54	2.69	27
2	70	2.30½	2	70	3.61½	1	54	4.22	28
1	70	2.46½							29
1	70	2.96	3	70	2.74				30
4	70	2.50½	5	70	3.09	1	54	4.22	31
1	70	1.50							32
			1	70	1.97½				33
			1	70	1.64½				34
			1	70	1.64½				35
1	70	1.50	3	70	1.75½				36
						1	54	19.17	37
22	63	2.70	28	63	2.70	31	63	2.70	38
			1	63	2.70				39
1	63	2.70	1	63	2.70	7	63	2.70	40
			7	63	2.70	1	63	2.70	41

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

STREET RAILWAY (1 establishment)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Motormen (concluded):				
1	Hawaiian	M.			
2	Part-Hawaiian	M.			
3	Irish	M.			
4	Norwegian	M.			
5	Portuguese	M.			
6	Scotch	M.			
7	Swedish	M.			
8	Swiss	M.			
9	Total				
	Office boys:				
10	Chinese	M.			
	Oilers:				
11	Japanese	M.			
	Oilers, track:				
12	Portuguese	M.			
	Painters:				
13	American	M.			
14	Canadian	M.			
15	Chinese	M.			
16	Total				
	Painters' helpers:				
17	American	M.			
18	Hawaiian	M.			
19	Total				
	Stableman:				
20	American	M.			
	Stableman's helper:				
21	Portuguese	M.			
	Storekeeper:				
22	Canadian	M.			
23	English	M.			
	Superintendent:				
24	American	M.			
	Superintendent, assistant:				
25	American	M.			
	Superintendent, general:				
26	Scotch	M.			
27	Swedish	M.			
	Superintendent, linemen:				
28	American	M.			
	Superintendent, track:				
29	American	M.			
	Timekeeper:				
30	American	M.			
31	Scotch	M.			
	Track cleaner:				
32	Portuguese	M.			
	Track, repairers:				
33	Portuguese	M.			
	Wipers and oilers:				
34	Japanese	M.			

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

STREET RAILWAY (1 establishment)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			4	63	$2.70				1
3	63	$2.70	4	63	2.70	6	63	$2.70	2
						1	63	2.70	3
			1	63	2.70	3	63	2.70	4
1	63	2.70	3	63	2.70				5
1	63	2.70	2	63	2.70				6
						2	63	2.70	7
28	63	2.70	51	63	2.70	51	63	2.70	8
			2	54	1.05½				9
						2	63	1.45	10
			4	6	1.50				11
1	54	4.00				1	54	1.75	12
			2	54	3.70½				13
						2	54	1.75	14
1	54	4.00	2	54	3.70½	3	54	1.75	15
1	54	1.50	1	54	2.00				16
			1	54	1.00				17
1	54	1.50	2	54	1.50				18
			1	54	2.50	1	54	2.50	19
			1	54	1.50				20
			1	48	4.79				21
1	48	4.79							22
						1	63	6.58	23
						1	63	3.62	24
1	70	4.93							25
			1	70	6.57½				26
1	54	6.71							27
1	63	4.11							28
1	70	2.96							29
			1	70	3.61½				30
						3	54	1.50	31
			5	54	1.65				32
1	63	1.25	2	63	1.12½				33
									34

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments).

[Data for 1900-1901 are for 38 establishments; 1902, for 55 establishments; and 1905 for 53 establishments.]

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages. per day.
	Bag sewers:				
1	Filipino	M			
2	Hawaiian	F.			
3	Japanese	M.			
4	Do	F.			
5	Porto Rican	F.			
6	Portuguese	M.			
7	Do	F.			
8	Spanish	F.			
9	Total				
	Bag fillers:				
10	Japanese	M.			
	Bag markers:				
11	Japanese	F.			
	Bag marker and mender:				
12	Japanese	F.			
	Bag sewers and fillers:				
13	Hawaiian	M.			
14	Japanese	M.			
15	Total				
	Bag sewer and marker:				
16	Chinese	M.			
17	Japanese	F.			
18	Porto Rican	F.			
19	Total				
	Blacksmiths:				
20	American	M.	15	59.8	$3.72
21	Canadian	M.	1	59	3.65½
22	Chinese	M.	1	60	1.00
23	English	M.	1	60	4.61½
24	French	M.	1	60	4.57½
25	German	M.	5	59.4	3.47
26	Hawaiian	M.	1	62	2.69
27	Hebrew	M.			
28	Part-Hawaiian	M.	4	59.5	2.94½
29	Irish	M.	1	60	3.75
30	Japanese	M.	14	59.9	1.50
31	New Zealander	M.	1	60	4.00
32	Norwegian	M.			
33	Polish	M.	4	59.3	2.08½
34	Porto Rican	M.			
35	Portuguese	M.	8	59.6	2.37½
36	Russian	M.			
37	Scotch	M.	12	60	4.16
38	Spanish	M.			
39	Swedish	M.			
40	West Indian Negro	M.			
41	Total		69	59.8	3.00½
	Blacksmiths' helpers:				
42	American	M.	1	60	1.00
43	Chinese	M.	2	60	85½
44	Filipino	M.			
45	French	M.	1	60	1.15½
46	German	M.	3	59	.84½
47	Hawaiian	M.	3	60	.97
48	Part-Hawaiian	M.	1	59	.96

[1] Hours reported for 1 employee only
[2] Hours reported for 25 employees only.
[3] Hours reported for 129 employees only.
[4] Two employees receive also a bonus.
[5] Hours reported for 7 employees only.
[6] Hours reported for 3 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments).

[Data for 1900–1901 are for 38 establishments; 1902, for 55 establishments; and 1905 for 53 establishments.]

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						2	65	$0.69	1
						2	[1] 72	.48	2
						26	[2] 68.1	.82	3
			7	72	$0.50	85	71.4	.57	4
						2	68.5	.46	5
						2	72	.46	6
			1	72	.50	10	60	.62	7
						2	72	.54	8
			8	72	.50	131	[3] 69.8	.62	9
						24	72	1.00	10
						2	60	.62	11
						1	72	.46	12
						4	60	90	13
						8	60	.90	14
						12	60	.90	15
						1	66	.81	16
						2	78	.49	17
						3	78	.49	18
						6	76	.54	19
18	60	[4] $3.82½	11	59.4	4.13½	17	60.2	4.13	20
									21
1	60	1.53½							22
1	60	4.60	1	59	4.60	4	60	3.79	23
1	60	4.56							24
5	60	3.22	4	59	4.03½	3	60	3.58	25
9	60	2.12	8	[5] 60.6	1.83	6	60.7	2.92	26
						1	60	2.75	27
3	60	2.39	4	[6] 60.3	2.63	2	60	1.76	28
									29
18	60	1.63½	10	60.8	1.54	28	[7] 59.9	1.48	30
									31
2	60	2.40	1	62	2.37½				32
1	60	1.72½							33
1	60	.89½	1	59	1.50				34
10	60	2.61½	9	58.7	2.97	8	[5] 61.7	3.01	35
			1	59	2.00	1	60	2.50	36
10	60	4.33	12	59.3	[8] 4.25	7	60.6	3.98	37
						1	65	1.34	38
1	60	1.91½							39
1	60	.92½							40
82	60	[4] 2.81½	62	[9] 59.7	[8] 3.07	78	[10] 60.3	2.77	41
2	60	.84½	2	59	.80	3	59.7	.92	42
1	60	1.25				1	60	.69	43
						2	60	.69	44
									45
2	60	1.32½	[11] 2	59	[11] .67½	2	60	.85	46
5	60	1.14	[11] 15	59.7	[11] 1.20	16	59.9	1.17	47
1	60	.84½	1	60	1.00	1	60	1.00	48

[7] Hours reported for 27 employees only.
[8] 1 employee receives also board, valued at $20 per month.
[9] Hours reported for 60 employees only.
[10] Hours reported for 76 employees only.
[11] Including 1 boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Blacksmiths' helpers (concluded):				
1	Hawaiian, white	M.	1	59	$0.57½
2	Japanese	M.	68	59.7	.88
3	Polish	M.	2	60	1.00
4	Porto Rican	M.	.....	.....	.....
5	Portuguese	M.	16	60	1.06½
6	Total	.....	98	59.8	.91½
	Blacksmith and carpenter:				
7	Hawaiian	M.	1	59	1.50
	Blacksmith and carpenter's helper:				
8	Part-Hawaiian	M.	1	59	1.00
	Boatman:				
9	Hawaiian	M.	.....	.....	.....
10	Portuguese	M.	.....	.....	.....
11	Total	.....	.....	.....	.....
	Boiler makers:				
12	American	M.	5	59.4	5.11
13	English	M.	2	59	4.50
14	Hawaiian	M.	1	60	3.69
15	Part-Hawaiian	M.	.....	.....	.....
16	Irish	M.	1	59	[11] 5.50
17	Japanese	M.	4	59	2.18½
18	Scotch	M.	1	60	5.77
19	Total	.....	14	59.3	[12] 4.16
	Boiler maker's helpers:				
20	American	M.	.....	.....	.....
21	Hawaiian	M.	3	58.7	1.33½
22	Japanese	M.	53	59.7	1.17½
23	Portuguese	M.	2	60	.92½
24	Total	.....	58	59.7	1.17½
	Bookkeepers:				
25	American	M.	16	[15] 72	[16] 5.84
26	Do	F.	1	([18])	4.21½
27	Australian	M.	1	([18])	5.75
28	Canadian	M.	4	([18])	6.18½
29	Danish	M.	1	([18])	5.75
30	English	M.	5	[19] 72	6.13½
31	German	M.	4	([18])	5.70½
32	Hawaiian	M.	.....	.....	.....
33	Part-Hawaiian	M.	2	[19] 72	4.21½
34	Hawaiian, white	F.	1	([18])	[16] 76½
35	Irish	M.	1	65.3	5.36½
36	Japanese	M.	1	72	3.45
37	New Zealander	M.	.....	.....	.....
38	Norwegian	M.	.....	.....	.....
39	Polish	M.	.....	.....	.....
40	Portuguese	M.	.....	.....	.....
41	Russian	M.	.....	.....	.....
42	Scotch	M.	5	[15] 67.7	[22] 5.13½
43	Swiss	M.	1	([18])	6.39
44	Total	.....	43	[23] 70	[13] 5.52

[1] Hours reported for 70 employees only.
[2] Including 2 boys.
[3] Including 4 boys.
[4] Including 6 boys.
[5] Hours reported for 123 employees only.
[6] Hours reported for 5 employees only.
[7] Including 1 employee who receives a bonus of $2 per month if he works 20 days during the month.
[8] Hours reported for 6 employees only.
[9] 3 employees receive also bonus.
[10] Also board, valued at $20 per month.
[11] Also board.
[12] 1 employee receives also board.
[13] See notes to details.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
									1
71	60	$0.95	84	59.3	$0.99½	71	[1] 60.4	$1.00	2
									3
2	60	.94½	1	62	1.00	1	60	.92	4
[2] 16	60	[2] 1.07½	[3] 12	59.3	[3] .84½	27	61	1.07	5
[2] 100	60	[2] .98½	[4] 117	59.4	[4] 1.00	124	[5] 60.4	1.02	6
									7
									8
10	60	2.00	15	[6] 59.4	1.81	4	60	[7] 1.54	9
			1	59	1.75				10
10	60	2.00	16	[8] 59.3	1.80½	4	60	[7] 1.54	11
4	60.8	[9] 5.22½	1	48	[10] 5.00	5	60	5.20	12
									13
1	60	3.75							14
			1	60	3.83½				15
1	54	[11] 6.00							16
6	60	1.58½	1	59	1.50	5	60	1.55	17
1	60	[11] 5.00							18
13	59.8	[12] 3.56½	3	55.7	[14] 3.44½	10	60	3.38	19
						2	60	1.00	20
5	60	1.07½							21
25	60	1.17	7	54.3	.88	25	60	1.04	22
									23
30	60	1.15½	7	54.3	.88	27	60	1.04	24
31	60	[17] 5.71½	24	60.4	5.85	20	58	6.38	25
									26
1	60	5.75	1	62	5.75	1	60	6.71	27
4	60	5.86½	4	59	6.82½	3	60	6.55	28
1	60	5.75	1	60	6.71	1	60	8.05	29
10	60.6	[20] 5.40½	9	60.8	5.11	12	[21] 60.2	6.13	30
4	63	5.51	6	63.5	4.31	3	58	6.14	31
			1	60	2.30				32
						1	60	3.07	33
									34
1	60	5.36½	1	59.5	8.62½				35
									36
			1	59	4.79				37
			1	([18])	3.83½	2	[19] 60	3.07	38
			1	60	5.56				39
						2	63	3.22	40
						1	60	5.75	41
6	60	4.98½	10	59.2	6.02	8	60	6.47	42
									43
58	60.3	[13] 5.57½	60	[24] 60.4	5.62½	54	[25] 59.3	6.06	44

[14] 1 employee receives also board, valued at $20 per month.
[15] Hours reported for 3 employees only.
[16] 1 employee receives also share of net profits.
[17] 2 employees receive also board, and 2 receive also share of net profits.
[18] Irregular.
[19] Hours reported for 1 employee only.
[20] Employees receive also bonus.
[21] Hours reported for 11 employees only.
[22] 2 employees receive also share of net profits.
[23] Hours reported for 10 employees only.
[24] Hours reported for 59 employees only.
[25] Hours reported for 52 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Bookkeeper and superintendent, store:				
1	Scotch	M.	1	(1)	$7.67
	Bookkeepers and cashiers:				
2	American	M.			
3	Canadian	M.			
4	Scotch	M.			
5	Total				
	Bookkeepers, assistant:				
6	American	M.	8	[2] 72	3.42½
7	Do	F.			
8	Canadian	M.			
9	Chinese	M.			
10	Danish	M.	1	(1)	4.79
11	English	M.	6	[6] 68	3.38½
12	German	M.			
13	Hawaiian	M.	2	72	1.72½
14	Part-Hawaiian	M.	1	72	2.87½
15	Hungarian	M.	1	72	2.87½
16	Japanese	M.			
17	Norwegian	M.			
18	Portuguese	M.	2	[7] 72	1.57½
19	Scotch	M.	4	(1)	[8] 2.00½
20	Total		25	[11] 71	[8] 2.91½
	Brakemen, railroad:				
21	American	M.			
22	Filipino	M.			
23	Hawaiian	M.	5	59	.87
24	Japanese	M.	33	61.7	.93
25	Porto Rican	M.			
26	Portuguese	M.	36	[16] 70.1	.83
27	Samoan	M.			
28	Total		74	[18] 65.5	.88
	Bricklayers:				
29	American	M.	8	59.4	7.29
30	English	M.	1	60	7.77
31	Irish	M.	2	60	7.77
32	Japanese	M.			
33	Portuguese	M.	1	59	1.54
34	Total		12	59.5	6.93
	Bricklayer's helpers:				
35	Japanese	M.	27	59.4	.78
	Butcher:				
36	American	M.			
37	American Negro	M.			
38	Chinese	M.			
39	Hawaiian	M.			
40	Japanese	M.			
41	Portuguese	M.			
42	Total				

[1] Irregular.
[2] Hours reported for 4 employees only.
[3] 2 employees receive also bonus.
[4] Including 1 boy.
[5] Hours reported for 2 employees only.
[6] Hours reported for 3 employees only.
[7] Hours reported for 1 employee only.
[8] 1 employee receives also share of net profits.
[9] Not including earnings of 1 employee as postmaster.
[10] 1 employee receives also board, valued at $20 per month.
[11] Hours reported for 12 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	1	60	$5.75	2
.....	.....	.....	.....	.....	.....	1	54	7.67	3
.....	.....	.....	.....	.....	.....	1	56.5	8.63	4
.....	.....	.....	.....	.....	.....	3	56.8	7.35	5
9	60	[3] $3.09	[4] 15	58.7	[4] $3.49	13	59.7	4.14	6
1	60	5.75	.....	.....	.....	1	60	3.84	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	3	[5] 60	1.79	9
1	60	4.79	1	59	4.79	1	60	4.50	10
2	60	3.45	1	59	4.60	6	57.5	3.62	11
2	60	2.58½	4	59.6	3.73½	2	60	2.88	12
4	60	2.87½	2	59.5	1.91½	2	60	2.02	13
.....	.....	.....	2	59	1.91½	4	58.5	2.64	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	15
1	60	3.33½	3	59.7	1.72½	3	60	1.98	16
.....	.....	.....	.....	.....	.....	1	54	3.26	17
.....	.....	.....	2	59.8	2.78	.....	.....	.....	18
5	[2] 60	[9] 2.26½	4	58.8	[10] 3.35½	4	60	2.88	19
25	[12] 60	[13] 3.06	[4] 34	59	[13] 3.19	40	[14] 59.2	3.26	20
.....	.....	.....	5	72	[15] .91	3	72	1.00	21
.....	.....	.....	1	72	1.00	.....	.....	.....	22
18	60	1.03½	28	[12] 67.9	1.01½	16	64.1	.90	23
6	60	1.05½	15	68.7	.86½	6	62	.95	24
1	60	.92½	.....	.....	.....	7	70.3	.98	25
13	60	.93½	[4] 32	[17] 68.1	[4] .96½	58	69.2	1.02	26
.....	.....	.....	2	72	1.00	.....	.....	.....	27
38	60	1.00	[4] 83	[19] 68.6	[13] .96	90	68	.99	28
1	60	7.00	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	31
1	60	1.25	1	60	1.75	1	60	.77	32
.....	.....	.....	2	62.5	1.38½	.....	.....	.....	33
2	60	4.12½	3	61.7	1.50½	1	60	.77	34
.....	.....	.....	3	60	1.00	.....	.....	.....	35
.....	.....	.....	1	60	3.06½	1	60	3.26	36
2	(1)	1.57½	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	1	(1)	1.50	4	45.5	1.47	38
3	(1)	1.23½	3	[5] 65	[20] 1.06½	2	(1)	1.13	39
.....	.....	.....	1	59	1.00	.....	.....	.....	40
1	(1)	1.00	3	75.7	1.61	1	60	1.92	41
6	(1)	1.31	9	[21] 68	[20] 1.51	8	[22] 50.3	1.66	42

[12] Hours reported for 24 employees only.
[13] See notes to details.
[14] Hours reported for 39 employees only.
[15] 4 employees receive also bonus of $1 for each Sunday worked.
[16] Hours reported for 34 employees only.
[17] Hours reported for 31 employees only.
[18] Hours reported for 72 employees only.
[19] Hours reported for 78 employees only.
[20] Including estimated earnings of 1 employee.
[21] Hours reported for 7 employees only.
[22] Hours reported for 6 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Butchers' helpers:				
1	Chinese	M.			
2	Japanese	M.			
3	Portuguese	M.			
4	Total				
	Camp boss:				
5	Japanese	M.			
	Camp cleaner, head:				
6	Boer	M.			
	Camp cleaners:				
7	American	M.			
8	Canadian	M.			
9	Chinese	M.			
10	Hawaiian	M.			
11	Japanese	M.			
12	Do	F.			
13	Korean	M.			
14	Norwegian	M.			
15	Porto Rican	M.			
16	Portuguese	M.			
17	Swedish	M.			
18	Total				
	Cane cutters:				
19	Chinese	M.	1,036	[2] 60	$0.96½
20	Chinese and Japanese	M.			
21	Filipino	M.			
22	Hawaiian	M.			
23	Japanese	M.	829	[11] 59.7	.89
24	Do	F.			
25	Korean	M.			
26	Porto Rican	M.			
27	Portuguese	M.			
28	Russian	M.			
29	Scotch	M.			
30	South Sea Islander	M.			
31	Spanish	M.			
32	Total		1,865	[27] 59.8	.93
	Cane cutters and bundlers:				
33	Japanese	M.			
	Cane cutters and flumers:				
34	Chinese	M.			
35	Filipino	M.			
36	Hawaiian	M.			
37	Japanese	M.			
38	Do	F.			
39	Korean	M.			
40	Porto Rican	M.			
41	Portuguese	M.			
42	Do	F.			
43	Total				

[1] Irregular.
[2] Hours reported for 33 employees only.
[3] Hours reported for 4 employees only.
[4] Hours reported for 1,336 employees only.
[5] Wages reported for 1,640 employees only, including 1,004 contract workers.
[6] Hours reported for 1,150 employees only.
[7] 1 employee receives also bonus of $2 per month if he works 20 days during the month.
[8] 19½ cents per ton.
[9] 16 employees receive also bonus of $2 per month if they work 20 days during the month.
[10] Hours reported for 19 employees only.
[11] Hours reported for 127 employees only.
[12] Hours reported for 413 employees only.
[13] Hours reported for 3,079 employees only.
[14] Wages reported for 3,252 employees only, including 792 contract workers.
[15] Hours reported for 2,473 employees only.
[16] 4 employees receive also bonus of $2 per month if they work 20 days during the month.
[17] Hours reported for 616 employees only.
[18] Wages reported for 673 employees only.
[19] Hours reported for 405 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						4	59	$0.99	1
			2	72	$0.98½	2	60	1.00	2
						1	60	.58	3
			2	72	.98½	7	59.4	.93	4
						1	(1)	.99	5
						1	60	3.45	6
						3	60	2.17	7
						1	59.5	2.88	8
						4	60	.70	9
						3	63	.95	10
			3	60	.69	80	60.9	.74	11
			12	21	.19	15	30	.19	12
						3	60	.81	13
						1	60	.70	14
			4	60	.63½	1	70	.79	15
						11	60.9	.89	16
						1	60	.85	17
			19	35.4	.36	123	57.1	.75	18
255	[3] 60	$0.89½	2,029	[4] 56.2	[5] .84½	1,296	[6] 53.6	[7] 1.11	19
285	(1)	(3)							20
						85	59.3	[9] .69	21
			33	60.3	.73½	22	[10] 56.8	[7] .84	22
1,153	[12] 60	.78	3,417	[13] 59.3	[14] .70½	2,538	[15] 58.4	[16] .99	23
			4	59.9	.38½				24
			828	[17] 58.7	[18] .66½	432	[19] 58.1	.94	25
30	[20] 60	.79½	[21] 371	[22] 59.9	[23] .74	356	[24] 58.5	.88	26
16	60	.96	[25] 58	58.9	[25] .88½	114	[26] 58.4	.93	27
						1	60	.61	28
						8	60	.84	29
9	60	.69	10	60	.65½				30
						34	58.7	.94	31
1,748	[28] 60	[29] .80	[30] 6,750	[31] 58.5	[32] .74½	4,886	[33] 57.2	[34] 1.00	32
						39	60	1.20	33
						21	70	[35] .79	34
						28	70	[35] .79	35
						1	70	[35] .79	36
						170	70	[35] .79	37
						2	70	[35] .79	38
						25	70	[35] .79	39
						23	70	[35] .79	40
						6	70	[35] .79	41
						11	70	[35] .79	42
						287	70	[35] .79	43

[20] Hours reported for 20 employees only.
[21] Including 2 boys.
[22] Hours reported for 312 employees only.
[23] Including 2 boys; also 59 contract workers; 9 employees receive also bonus of 50 cents for every 6 days worked.
[24] Hours reported for 354 employees only.
[25] Including 1 boy.
[26] Hours reported for 108 employees only.
[27] Hours reported for 160 employees only.
[28] Hours reported for 437 employees only.
[29] Wages reported for 1,463 employees only.
[30] Including 3 boys.
[31] Hours reported for 5,448 employees only.
[32] See notes to details.
[33] Hours reported for 4,637 employees only.
[34] 22 employees receive also bonus of $2 per month if they work 20 days during the month.
[35] Also share in profits.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Cane cutters, flumers, and loaders:				
1	Japanese	M.			
	Cane hoers:				
2	Japanese	.....	35	(1)	$0.75
	Cane loaders:				
3	American	M.			
4	Chinese	M.	15	(1)	.95
5	Filipino	M.			
6	Hawaiian	M.	5	(1)	1.67
7	Japanese	M.	1,450	[5] 60	.98½
8	Do	F.			
9	Korean	M.			
10	Porto Rican	M.			
11	Portuguese	M.			
12	Do	F.			
13	Spanish	M.			
14	Do	F.			
15	Total	.....	1,470	[5] 60	.98½
	Cane loaders and cutters:				
16	Chinese	M.			
17	Hawaiian	M.			
18	Japanese	M.	978	(1)	.98
19	Do	F.			
20	Korean	M.			
21	Porto Rican	M.			
22	Portuguese	M.			
23	Spanish	M.			
24	Total	.....	978	(1)	.98
	Cane loaders and flumers:				
25	Japanese	M.	31	(1)	1.00
	Cane planters:				
26	Japanese	M.	95	(1)	.85
	Cane strippers:				
27	Chinese	M.	39	(1)	.91½
28	Japanese	M.	253	(1)	.82½
29	Total	.....	292	(1)	.83½
	Cane weighers:				
30	American	M.	1	72	1.34½
31	Australian	M.			
32	Canadian	M.	2	71	1.73
33	Chinese	M.			
34	Dutch	M.			
35	English	M.			
36	Filipino	M.			
37	German	M.	2	72	1.32½

[1] Not reported.
[2] 2 employees receive also bonus of $2 per month if they work 20 days during the month.
[3] Including 3 contract workers.
[4] Hours reported for 6 employees only.
[5] Hours reported for 101 employees only.
[6] Hours reported for 311 employees only.
[7] Hours reported for 1,808 employees only.
[8] Wages reported for 2,597 employees only, including 1,815 contract workers.
[9] Hours reported for 2,252 employees only.
[10] 10 employees also share in profits.
[11] Contract workers.
[12] Hours reported for 166 employees only.
[13] Wages reported for 236 employees only, including 112 contract workers.
[14] Hours reported for 15 employees only.
[15] Hours reported for 26 employees only.
[16] Including 18 contract workers.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	.....	.....	.....	130	(1)	$0.93	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	1	60	1.34	3
43	(1)	$1.00	.....	.....	.....	5	(1)	.75	4
.....	.....	.....	.....	.....	.....	11	59.8	[2].84	5
.....	.....	.....	16	58.7	[3] $0.82½	13	[4] 58	.81	6
1,156	[5] 60	.90	2,918	[7] 57.9	[8] .94½	2,379	[9] 57.7	[10] 1.28	7
31	[6] 60	.71	53	55.8	[11] .61	315	60.7	1.01	8
.....	.....	.....	248	[12] 58.2	[13] .81½	17	[14] 60.1	.99	9
.....	.....	.....	43	[15] 59.2	[16] .97½	[17] 10	59.4	[17] 1.12	10
21	61.7	1.01½	7	55.4	[18] 1.26	[17] 15	[19] 60	[17] 1.13	11
.....	.....	.....	.....	.....	.....	3	60	.38	12
.....	.....	.....	.....	.....	.....	[20] 2	60	[20] 1.14	13
.....	.....	.....	.....	.....	.....	1	60	.25	14
1,251	[21] 60.1	.90	3,285	[22] 57.8	[23] .93	[24] 2,772	[25] 58.1	[26] 1.24	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	25	60	.75	16
.....	.....	.....	.....	.....	.....	2	60	1.10	17
478	[27] 60	.94	.....	.....	.....	1,169	59.5	[28].98	18
14	[29]	(1)	.....	.....	.....	30	60	1.00	19
.....	.....	.....	.....	.....	.....	59	61	[30].87	20
.....	.....	.....	50	[29]	.70	70	60.7	[28].95	21
.....	.....	.....	.....	.....	.....	20	59.7	.92	22
.....	.....	.....	.....	.....	.....	15	60	.90	23
492	[27] 60	[31].94	50	[29]	.70	1,390	59.7	[26].97	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	29
2	66	1.91½	4	72	2.34½	8	67.2	2.07	30
1	72	1.91½	.....	.....	.....	.....	.....	.....	31
1	72	1.91½	.....	.....	.....	1	60	2.30	32
.....	.....	.....	2	72	1.34½	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	2	72	1.92	34
.....	.....	.....	1	72	2.30	2	60	2.30	35
.....	.....	.....	.....	.....	.....	2	60	[32].71	36
4	72	1.83	3	71	1.60	3	72	1.50	37

[17] Including 2 boys.
[18] Including 5 contract workers.
[19] Hours reported for 11 employees only.
[20] Including 1 boy.
[21] Hours reported for 338 employees only.
[22] Hours reported for 2,076 employees only.
[23] Wages reported for 2,952 employees only, including 2,006 contract workers.
[24] Including 5 boys.
[25] Hours reported for 2,627 employees only.
[26] See notes to details.
[27] Hours reported for 80 employees only.
[28] 5 employees also share in profits.
[29] Irregular.
[30] 6 employees also share in profits.
[31] Wages reported for 478 employees only.
[32] 1 employee receives also bonus of $2 per month if he works 20 days per month.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Cane weighers (concluded):				
1	Hawaiian	M.	3	71.7	$1.05
2	Part-Hawaiian	M.	1	70	.81
3	Japanese	M.	4	71.8	.80
4	Norwegian	M.			
5	Portuguese	M.	5	71.6	.97½
6	Scotch	M.			
7	South Sea Islander	M.			
8	Spanish	M.			
9	Total		18	71.6	1.08½
	Carpenters:				
10	American	M.	13	60	3.67½
11	Canadian	M.	1	60	3.84½
12	Chinese	M.	43	60	1.61
13	English	M.			
14	Filipino	M.			
15	German	M.	5	59.2	2.36
16	Hawaiian	M.	22	59.6	1.73½
17	Part-Hawaiian	M.	11	60.6	2.73
18	Hawaiian, white	M.	[5]1	59	[5].57½
19	Irish	M.	2	60	4.00
20	Japanese	M.	[1]517	59.7	[1]1.09
21	New Zealander	M.	2	60	4.61½
22	Norwegian	M.	2	60	4.00
23	Porto Rican	M.			
24	Portuguese	M.	[7]38	59.5	[7]1.54½
25	Scotch	M.	2	59.5	2.90½
26	South Sea Islander	M.			
27	Spanish	M.	1	60	2.25
28	Swedish	M.	2	61	3.06½
29	Swiss	M.			
30	Welsh	M.	1	60	5.00
31	West Indian negro	M.			
32	Total		[9]663	59.7	[9]1.31
	Carpenters' helpers:				
33	American	M.			
34	Chinese	M.			
35	Filipino	M.			
36	German	M.			
37	Hawaiian	M.			
38	Japanese	M.			
39	Norwegian	M.			
40	Porto Rican	M.			
41	Portuguese	M.			
42	Spanish	M.			
43	Total				
	Cashiers:				
44	American	M.			
45	English	M.			
46	Part-Hawaiian	M.			
47	Total				
	Chauffeurs:				
48	American	M.			
49	Part-Hawaiian	M.			
50	Japanese	M.			
51	Portuguese	M.			
52	Total				

[1] Including 1 boy.
[2] Including 1 boy; 1 employee receives also bonus of $2 per month if he works 20 days per month.
[3] 1 employee receives also share of net profits.
[4] 2 employees receive also board.
[5] Boy.
[6] Hours reported for 188 employees only.
[7] Including 3 boys.
[8] Also board.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
2	66	$1.34½	18	71.2	$1.07	14	66	$1.24	1
1	72	1.34½	3	72	1.41	1	60	1.00	2
5	67.2	.94½	17	72	.78½	6	69.2	.96	3
.....	.....	.....	1	72	2.49	.....	.....	.....	4
7	72	1.13	11	69.7	1.13	[1] 22	66.2	[1] 1.38	5
.....	.....	.....	3	72	2.36½	6	59.8	2.27	6
.....	.....	.....	1	72	1.72½	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	2	72	1.15	8
23	69.9	1.37½	64	71.3	1.24½	[1] 69	66	[2] 1.50	9
11	60	[3] 4.38½	13	59.7	4.00	13	60.8	4.36	10
2	60	3.91½	2	59.5	3.83½	1	60	7.50	11
24	60	1.56	3	59.3	1.49	8	59.7	1.51	12
1	60	5.75	2	65.5	5.36½	1	60	5.00	13
1	60	2.00	1	59	1.75	1	60	1.00	14
6	60	3.51	6	59.3	3.02	3	60	2.98	15
23	60	1.49½	13	59.7	1.60	18	60	[4] 1.63	16
4	60	3.52½	1	60	2.11	1	60	2.00	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	19
322	60	1.17	67	59.6	1.37	191	[5] 60.2	1.28	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	3	59.2	2.16½	.....	.....	.....	22
5	60	1.03	1	59	1.91½	1	60	2.11	23
34	60	1.98	18	59.3	2.41	39	60	1.86	24
5	60	3.69	3	59.3	4.33	.....	.....	.....	25
1	60	4.98½	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	2	60	1.34	27
.....	.....	.....	1	59.5	4.79	.....	.....	.....	28
.....	.....	.....	1	62	2.49	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	1	60	[6] 3.00	30
1	60	2.00	.....	.....	.....	.....	.....	.....	31
440	60	[3] 1.47	135	59.6	2.08½	280	[10] 60.2	[11] 1.60	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	7	60	1.32	33
[1] 2	60	[1] .69½	6	59.3	1.00	15	60	1.70	34
.....	.....	.....	.....	.....	.....	1	60	.69	35
1	60	1.34½	[5] 1	59	[5] .77	1	60	.58	36
2	60	.76½	7	60	1.29	7	60	1.12	37
105	60	1.03½	327	59.5	.95½	404	[12] 60.2	1.02	38
1	60	1.15½	.....	.....	.....	.....	.....	.....	39
[1] 3	60	[1] .74½	.....	.....	.....	3	59.7	.92	40
[1] 5	60	[1] .95½	[1] 21	60.6	[1] 1.09½	18	60.8	.99	41
.....	.....	.....	.....	.....	.....	2	59.5	.92	42
[7] 119	60	[7] 1.02	[13] 362	59.6	[13] .97	458	[14] 60.2	1.04	43
.....	.....	.....	1	60	5.36½	2	55.5	7.99	44
.....	.....	.....	.....	.....	.....	2	57	11.52	45
.....	.....	.....	.....	.....	.....	1	72	5.75	46
.....	.....	.....	1	60	5.36½	5	59.4	8.95	47
.....	.....	.....	.....	.....	.....	2	60	2.50	48
.....	.....	.....	.....	.....	.....	1	60	1.34	49
.....	.....	.....	.....	.....	.....	1	60	1.73	50
.....	.....	.....	.....	.....	.....	1	60	1.34	51
.....	.....	.....	.....	.....	.....	5	60	1.88	52

[9] Including 5 boys.
[10] Hours reported for 277 employees only.
[11] 3 employees receive also board.
[12] Hours reported for 403 employees only.
[13] Including 2 boys.
[14] Hours reported for 457 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Chemists:				
1	American	M.	5	[1] 71.7	[2] $6.14
2	Australian	M.	1	72	5.75
3	Austrian	M.			
4	Canadian	M.	1	([3])	3.83½
5	Dutch	M.	1	72	5.75
6	English	M.			
7	German	M.	3	([3])	3.51½
8	Hawaiian, white	M.	1	71	[6] 5.36½
9	Italian	M.			
10	Japanese	M.			
11	Norwegian	M.			
12	Scotch	M.	1	([3])	3.83½
13	Swedish	M.			
14	Swiss	M.	1	([3])	3.83½
15	Total	.....	14	[9] 71.7	[10] 4.97
	Chemists' assistants:				
16	American	M.			
17	Austrian	M.			
18	English	M.			
19	German	M.	1	72	3.83½
20	Hawaiian	M.			
21	Japanese	M.			
22	Portuguese	M.			
23	Total	.....	1	72	3.83½
	Chemists' helpers:				
24	American	M.			
25	Chinese	M.			
26	Filipino	M.			
27	German	M.			
28	Japanese	M.			
29	Do	F.			
30	Portuguese	M.			
31	Total	.....			
	Clerks, field:				
32	American	M.			
33	Japanese	M.			
34	Portuguese	M.			
35	Total	.....			
	Clerks, freight:				
36	American	M.	2	([3])	2.39½
37	English	M.			
38	Hawaiian	M.			
39	Jamaican	M.			
40	Japanese	M.			
41	Portuguese	M.			
42	Russian	M.	1	([3])	1.53½
43	Total	.....	3	([3])	2.11

[1] Hours reported for 3 employees only.
[2] 1 employee receives also share of net profits.
[3] Irregular.
[4] Not including 1 who is paid 25 cents per ton.
[5] Including 1 employee who receives salary from 2 establishments.
[6] Also share of net profits.
[7] Not reported.
[8] Receives $1,500 per crop.
[9] Hours reported for 6 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
5	(3)	[2] $6.18½	8	70.4	$6.43	12	64.7	[4] $6.27	1
									2
						2	66	6.52	3
1	(3)	4.79	2	65.8	4.79½	1	60	6.71	4
1	(3)	6.71	1	72	8.62½	4	66	8.16	5
1	(3)	5.75				1	60	4.79	6
4	(3)	6.74	5	68.8	[5] 7.04	2	62	5.75	7
									8
			1	72	7.67	1	60	8.63	9
						1	(7)	1.34	10
						1	60	4.79	11
1	(3)	3.83½	1	72	(8)	2	66	5.66	12
1	(3)	13.80							13
									14
14	(3)	[2] 6.62½	18	69.7	[10] 6.62	27	[11] 64.2	[4] 6.30	15
1	(3)	5.75	4	60	3.49½	3	63.8	2.87	16
						1	60	1.15	17
1	(3)	2.50				1	72	1.53	18
			[12] 3	67.8	[12] 2.13½				19
						2	72	.48	20
			1	72	2.50	3	68	1.22	21
						1	72	.77	22
2	(3)	4.02½	[12] 8	68.9	[12] 2.86	11	67.6	1.52	23
			[12] 2	72	[12] .99½	2	65.8	.77	24
1	(3)	.96	3	72	.95	7	77.1	1.12	25
						1	60	.69	26
[13] 1	(3)	[12] .38½							27
1	(3)	.81	24	71	.86	[14] 30	[15] 69.2	[14] .87	28
						1	72	.58	29
						[12] 3	70	[12] .60	30
[12] 3	(3)	[12] .72	[12] 29	71.2	[12] .87½	[16] 44	[17] 70.2	[16] .88	31
			1	60	1.91½	5	58.7	2.31	32
						8	62 3	1.27	33
						2	56.8	1.73	34
			1	60	1.91½	15	60.3	1.67	35
[12] 3	60	[12] 2.17½	1	72	1.92½	5	59.9	3.43	36
1	60	2.11							37
			1	72	2.16½	3	60	1.44	38
1	60	[18] 1.34½							39
			1	59	.77				40
						1	60	1.92	41
									42
[12] 5	60	[10] 1.99½	3	67.7	1.62	9	59.9	2.60	43

[10] See notes to details.
[11] Hours reported for 26 employees only.
[12] Including 1 boy.
[13] Boy.
[14] Including 2 boys.
[15] Hours reported for 29 employees only.
[16] Including 3 boys.
[17] Hours reported for 43 employees only.
[18] Also share of net profits.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages. per day.
	Clerks, mill:				
1	American	M.			
2	English	M.			
3	Hawaiian	M.	1	72	$1.54
4	Japanese	M.			
5	Portuguese	M.			
6	Total		1	72	1.54
	Clerks, shipping:				
7	German	M.	2	72	1.07½
8	Part-Hawaiian	M.	1	72	2.30
9	Total		3	72	1.48½
	Clerks, statistical:				
10	American	M.			
11	English	M.			
12	Total	M.			
	Clerks, store:				
13	American	M.	[3] 10	72	[3] 3.03
14	Canadian	M.			
15	Chinese	M.	7	72	1.06½
16	English	M.			
17	German	M.			
18	Hawaiian	M.			
19	Part-Hawaiian	M.	1	72	77
20	Hawaiian, white	M.	1	72	2.30
21	Hungarian	M.			
22	Irish	M.			
23	Japanese	M.	70	[6] 72.7	[7] 1.02
24	Do	F.			
25	Korean	M.			
26	New Zealander	M.	1	72	2.22½
27	Norwegian	F.			
28	Porto Rican	M.			
29	Portuguese	M.	[10] 21	72	[14] 1.16½
30	Russian	M.			
31	Scotch	M.	1	72	2.68¾
32	Spanish	M.	1	72	1.91¾
33	Total		[18] 113	[21] 72.4	[22] 1.27
	Clerks, sugar:				
34	American	M.			
35	Chinese	M.			
36	German	M.			
37	Hawaiian	M.			
38	Part-Hawaiian	M.			
39	Japanese	M.			
40	Mexican	M.			
41	Portuguese	M.			
42	Scotch	M.			
43	Total				

[1] Also share of net profits.
[2] 1 employee receives also share of net profits.
[3] Including 1 boy.
[4] Including 1 boy; 1 employee receives also share of net profits.
[5] Hours reported for 9 employees only.
[6] Hours reported for 69 employees only.
[7] 4 employees receive also share of net profits.
[8] Hours reported for 98 employees only.
[9] Including 1 boy; 3 employees receive also share of net profits.
[10] Including 3 boys.
[11] Including 3 boys; 7 employees receive also share of net profits.
[12] Also share of net profits.
[13] Hours reported for 4 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	72	$2.30½	.....	.....	.....	1	57	$2.11	1
.....	.....	.....	1	72	[1] $1.34½	.....	.....	.....	2
2	72	1.91	1	72	1.15½	.....	.....	.....	3
1	72	1.19½	.....	.....	.....	1	60	1.15	4
.....	.....	.....	.....	.....	.....	1	60	1.00	5
4	72	2.01½	2	72	[2] 1.25	3	59	1.42	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	1	60	3.06½	6	57.2	3.71	10
.....	.....	.....	.....	.....	.....	1	56.5	5.18	11
.....	.....	.....	1	60	3.06½	7	57.1	3.92	12
7	60	2.60	[3] 9	70.6	[4] 2.47	11	64.1	2.93	13
2	60	2.77½	.....	.....	.....	.....	.....	.....	14
10	[5] 61.3	1.17	3	66	1.41	5	67.2	1.52	15
1	60	1.15½	1	72	4.79	.....	.....	.....	16
1	72	3.83½	1	72	3.83½	.....	.....	.....	17
3	60	1.47	5	72	1.98½	2	72	1.54	18
2	60	.96½	2	72	3.06½	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	1	72	1.00	21
.....	.....	.....	.....	.....	.....	1	72	2.88	22
[3] 101	[3] 60.5	[9] 1.05	[10] 98	68.6	[11] 1.09	78	65.7	1.19	23
1	60	[12] .57½	.....	.....	.....	1	69	.38	24
.....	.....	.....	5	[13] 68.9	.82	6	66.5	1.23	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	26
1	60	1.15½	.....	.....	.....	.....	.....	.....	27
3	60	1.62½	[3] 4	68.9	[3] .97	4	67.5	1.12	28
[15] 37	[16] 61.4	[17] 1.40	[18] 25	69.2	[19] 1.17½	33	63.7	1.49	29
.....	.....	.....	.....	.....	.....	1	60	.77	30
3	60	2.36½	2	59.3	[20] 2.87½	.....	.....	.....	31
1	72	2.30	.....	.....	.....	1	72	1.34	32
[23] 173	[24] 60.6	[22] 1.27	[25] 155	[26] 68.9	[22] 1.29½	144	65.4	1.41	33
1	72	2.11	5	69.6	2.35½	3	72	2.43	34
.....	.....	.....	1	60	1.00	.....	.....	.....	35
1	72	1.91½	2	71	.92½	3	64	2.24	36
1	72	2.30	1	72	1.50	1	72	1.53	37
.....	.....	.....	1	72	1.91½	.....	.....	.....	38
.....	.....	.....	1	72	1.34½	1	71	1.73	39
.....	.....	.....	.....	.....	.....	1	72	1.73	40
.....	.....	.....	5	66.6	1.22	3	72	1.42	41
.....	.....	.....	1	72	1.91½	1	60	1.92	42
3	72	2.11	17	68.9	1.61	13	69.2	1.94	43

[14] Including 3 boys; 3 employees receive also share of net profits.
[15] Including 5 boys.
[16] Hours reported for 34 employees only.
[17] Including 5 boys; 1 employee receives also share of net profits.
[18] Including 4 boys.
[19] Including 4 boys; 4 employees receive also share of net profits.
[20] 1 employee receives also share of net profits.
[21] Hours reported for 112 employees only.
[22] See notes to details.
[23] Including 6 boys.
[24] Hours reported for 166 employees only.
[25] Including 9 boys.
[26] Hours reported for 154 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Clerks, wharf:				
1	American	M.			
2	Canadian	M.			
3	Portuguese	M.			
4	Scotch	M.			
5	Total				
	Coachmen:				
6	American Negro	M.			
7	Japanese	M.			
8	Portuguese	M.			
9	Total				
	Coal passers:				
10	Chinese	M.	18	84	$0.92½
11	Hawaiian	M.			
12	Japanese	M.	23	83	.80
13	Porto Rican	M.			
14	Portuguese	M.			
15	Total		41	83.4	.85½
	Coal weigher:				
16	German	M.			
	Contract cultivators:				
17	American	M.			
18	Chinese	M.			
19	Hawaiian	M.			
20	Do	F.			
21	Japanese	M.			
22	Do	F.			
23	Korean	M.			
24	Porto Rican	M.			
25	Do	F.			
26	Portuguese	M.			
27	Do	F.			
28	Spanish	M.			
29	Total				
	Contractors, fill:				
30	Japanese	M.			
	Contractors, track:				
31	Japanese	M.			
	Cooks:				
32	Chinese	M.			
33	Filipino	M.			

[1] Also board.
[2] 1 employee receives also board.
[3] See notes to details.
[4] Irregular.
[5] Not reported.
[6] Estimated. Wages reported for 1,780 employees only.
[7] Hours reported for 93 employees only.
[8] Estimated. Wages reported for 199 employees only.
[9] Hours reported for 509 employees only.
[10] Estimated.
[11] Hours reported for 4 employees only.
[12] Including 4 boys.
[13] Including 4 boys. Wages reported for 18 employees only.
[14] Estimated. Wages reported for 7,383 employees only.
[15] Hours reported for 457 employees only.
[16] Estimated. Wages reported for 2,726 employees only.
[17] Hours reported for 5,065 employees only.
[18] Wages reported for 5,181 employees only; 79 employees share in profits.
[19] Hours reported for 1 employee only.
[20] Estimated. Wages reported for 2 employees only.
[21] Wages reported for 85 employees only; 1 employee shares in profits.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
4	60	$3.02							1
1	60	[1] 1.53½							2
			1	60	$1.72½	1	60	$1.10	3
2	60	[2] 2.10½							4
7	60	[3] 2.54½	1	60	1.72½	1	60	1.10	5
1	([4])	1.15							6
			1	70	1.15	2	65	1.25	7
						2	65	1.25	8
1	([4])	1.15	1	70	1.15	4	65	1.25	9
18	60	1.00				6	60	1.00	10
			4	72	.77				11
30	60	.88½	110	61	.83½				12
1	60	.94							13
			1	59.5	1.00				14
49	60	.93	115	61.4	.83½	6	60	1.00	15
1	72	1.53½							16
			2	([4])	([5])				17
1,884	60	[6] .94	689	[7] 62.9	[8] .84	559	[9] 59.3	.97	18
40	61.7	[10] .84½	6	[11] 57	([5])	[12] 22	60.0	[13] .85	19
2	66	[10] .77				5	60.0	.85	20
8,160	60	[14] 1.01	4,491	[15] 61.6	[16] .84½	5,276	[17] 60.3	[18] .91	21
59	60.5	[10] .91½	47	[19] 57	[20] 1.16	89	60.8	[21] .88	22
			460	[22] 60.9	[23] .74½	912	[24] 60.6	[25] .87	23
23	60	[10] 1.00	139	[26] 59.5	[27] .81	[28] 113	60	[29] .99	24
			2	([4])	([5])	4	60	.85	25
60	60	[10] .92½	6	([4])	[30] .92	[31] 98	60.4	[32] 1.09	26
			4	([4])	[10] .92	18	60.3	.83	27
						10	59	([5])	28
10,228	60	[33] .99½	5,846	[34] 61.4	[35] .83	[36] 7,106	[37] 60.2	[3] .91	29
						20	60	1.00	30
						40	72	1.45	31
19	([4])	.76½	14	[38] 70	[39] .79½	27	[40] 72.9	[41] .84	32
						1	70	.70	33

[22] Hours reported for 309 employees only.
[23] Estimated. Wages reported for 440 employees only.
[24] Hours reported for 906 employees only.
[25] 56 employees share in profits.
[26] Hours reported for 46 employees only.
[27] Estimated. Wages reported for 71 employees only.
[28] Including 3 boys.
[29] Including 3 boys. Wages reported for 109 employees only.
[30] Estimated. Wages reported for 1 employee only.
[31] Including 2 boys.
[32] Including 2 boys. Wages reported for 97 employees only.
[33] Estimated. Wages reported for 9,347 employees only.
[34] Hours reported for 910 employees only.
[35] Estimated. Wages reported for 3,443 employees only.
[36] Including 9 boys.
[37] Hours reported for 6,839 employees only.
[38] Hours reported for 13 employees only.
[39] 4 employees receive also board, valued at $10 per month, 3 receive also board, value not reported; 1 receives also profits of boarding house, and 1 receives also food.
[40] Hours reported for 25 employees only.
[1] Including 1 employee who receives additional pay from employees for whom he cooks.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Cooks (concluded):				
1	Japanese	M.			
2	Do	F.			
3	Koreans	F.			
4	Total				
	Cooks' helpers:				
5	Chinese	M.			
6	Japanese	M.			
7	Total	M.			
	Dairymen:				
8	Japanese	M.			
9	Portuguese	M.			
10	Total				
	Ditch diggers:				
11	Japanese	M.	26	(6)	$1.00
	Ditch men:				
12	Chinese	M.	4	59.5	.80½
13	German	M.			
14	Hawaiian	M.	7	59.4	.80½
15	Part-Hawaiian	M.			
16	Japanese	M.	60	[8] 62.4	.88½
17	Do	F.			
18	Korean	M.			
19	Norwegian	M.			
20	Porto Rican	M.			
21	Portuguese	M.	26	[9] 63.1	[10] 1.23½
22	Swedish	M.			
23	Total		97	[12] 62.2	[10] .97
	Doctor:				
24	American	M.			
	Draftsmen:				
25	American	M.			
	Drivers, delivery wagon:				
26	American	M.			
27	Japanese	M.			
28	Portuguese	M.			
29	Total				
	Dump-cart men:				
30	Japanese	M.	44	66	.75½
	Dynamo tenders:				
31	American	M.			
32	Chinese	M.			
33	Hawaiian	M.			
34	Japanese	M.			
35	Porto Rican	M.			
36	Portuguese	M.			
37	Total				
	Electricians:				
38	American	M.	2	[14] 72	4.91½
39	Chinese	M.	1	71	1.15½
40	German	M.			
41	Hawaiian	M.			

[1] Irregular.
[2] 2 employees receive also food; 2 receive also board, valued at $10 per month; 1 receives also board, value not reported, and 1 receives also profits of boarding house.
[3] Hours reported for 34 employees only.
[4] See notes to details.
[5] Hours reported for 58 employees only.
[6] Not reported.
[7] Including 1 boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
8	(1)	$0.73½	11	70	[2] $0.69½	17	65.6	$0.81	1
.....	.....	.....	8	70	.42½	13	69.3	.52	2
.....	.....	.....	2	70	.42½	2	70	.72	3
27	(1)	.75½	35	[3] 70	[4] .65½	60	[5] 70	[4] .76	4
1	(1)	.59	.....	.....	.....	.....	.....	.....	5
1	(1)	.33	.....	.....	.....	1	70	.49	6
2	(1)	.46	.....	.....	.....	1	70	.49	7
.....	.....	.....	1	70	1.00	6	66.5	1.02	8
1	70	1.15	.....	.....	.....	8	60.9	1.11	9
1	70	1.15	1	70	1.00	14	63.3	1.04	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	11
50	60	1.04	9	62.7	.79½	13	59.7	.88	12
1	60	.84½	.....	.....	.....	.....	.....	.....	13
[7] 31	60	[7] .90	14	62.5	.83	40	61.8	.98	14
1	60	1.72½	.....	.....	.....	.....	.....	.....	15
328	60	.88	191	65.3	.85½	293	61.1	.92	16
.....	.....	.....	8	61.1	.54	12	60	.54	17
.....	.....	.....	1	59.5	.77	3	60	.90	18
1	60	1.72½	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	1	72	1.00	20
[7] 34	60	[11] 1.36	9	60	1.10½	[7] 24	66.7	[7] 1.04	21
1	60	3.83½	.....	.....	.....	.....	.....	.....	22
[12] 447	60	[13] .94½	232	64.7	.85	[7] 386	61.5	[7] .92	23
.....	.....	.....	.....	.....	.....	1	60	7.67	24
.....	.....	.....	2	59.5	4.12½	.....	.....	.....	25
.....	.....	.....	1	72	1.03½	.....	.....	.....	26
.....	.....	.....	4	72	.93	21	63.9	.98	27
.....	.....	.....	3	72	.98½	9	64.2	1.17	28
.....	.....	.....	8	72	.96½	30	64	1.04	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	1	72	1.25	31
.....	.....	.....	1	72	.92½	3	70.7	1.08	32
.....	.....	.....	.....	.....	.....	1	84	.70	33
.....	.....	.....	10	79	1.07½	22	77.8	1.01	34
.....	.....	.....	1	84	.77	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	1	72	1.00	36
.....	.....	.....	12	78.8	1.04	28	76.9	1.01	37
3	60	3.13	2	65.5	2.87½	2	59	2.59	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	39
1	(1)	1.91½	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	3	68	1.49½	.....	.....	.....	41

[8] Hours reported for 57 employees only.
[9] Hours reported for 22 employees only.
[10] 3 employees receive also share of net profits.
[11] Including 1 boy; 1 employee receives also share of net profits.
[12] Hours reported for 90 employees only.
[13] Including 2 boys.
[14] Hours reported for 1 employee only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages. per day.
	Electricians (Concluded):				
1	Irish	M.	1	72	$2.87½
2	Japanese	M.			
3	Portuguese	M.			
4	Scotch	M.			
5	Swiss	M.			
6	Total		4	[1] 71.7	3.46½
	Electricians' helpers:				
7	American	M.			
8	Chinese	M.			
9	Hawaiian	M.			
10	Part-Hawaiian	M.			
11	Japanese	M.	1	72	.84½
12	Portuguese	M.			
13	Total		1	72	.84½
	Engineers, chief:				
14	American	M.			
15	English	M.			
16	French	M.			
17	German	M.			
18	Part-Hawaiian	M.			
19	Scotch	M.			
20	Total				
	Engineer, construction, chief:				
21	Scotch	M.	1	(9)	9.58½
	Engineers, donkey engine:				
22	American	M.			
23	Canadian	M.			
24	Chinese	M.			
25	German	M.			
26	Hawaiian	M.	2	60	1.25
27	Part-Hawaiian	M.			
28	Japanese	M.	6	61.7	1.21
29	Mexican	M.			
30	Norwegian	M.			
31	Polish	M.			
32	Porto Rican	M.			
33	Portuguese	M.	2	65.5	1.25
34	Scotch	M.			
35	Total		10	62.1	1.22½
	Engineers' helpers:				
36	German	M.			
37	Portuguese	M.			
38	Total				
	Engineers' helpers, locomotive:				
39	American	M.			
40	European	M.			
41	Hawaiian	M.			
42	Japanese	M.			
43	Porto Rican	M.			
44	Portuguese	M.			
45	Total				

[1] Hours reported for 3 employees only.
[2] Hours reported for 4 employees only.
[3] Boy.
[4] Including 1 boy.
[5] Wages reported for 1 employee only.
[6] Hours reported for 14 employees only.
[7] Wages reported for 2 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
									1
						1	60	$1.15	2
			2	65.8	$2.06½	2	60	2.88	3
1	60	$2.87½							4
			1	72	4.60	2	60	4.99	5
5	60	2.83½	8	67.3	2.37	7	59.7	3.15	6
			[8] 1	72	[8] .61½	2	72	.93	7
						2	84	1.00	8
3	60	1.46	2	65.5	1.00	1	84	.99	9
						1	60	1.53	10
2	60	1.02				6	74	1.06	11
						3	60	.95	12
5	60	1.28½	[4] 3	67.7	[4] .87	15	72	1.04	13
1	72	8.62½	2	72	[5] 8.43½	15	[6] 65.2	7.84	14
						3	71	7.39	15
						1	72	8.63	16
						2	72	6.71	17
						1	60	8.63	18
			1	60	7.67	5	69.4	6.52	19
1	72	8.62½	3	68	[7] 8.05½	27	[8] 67.3	7.52	20
									21
2	(9)	2.58½	1	59	2.87½	1	59.5	2.30	22
1	(9)	3.06½							23
2	(9)	1.00	3	[10] 72	1.10				24
1	(9)	2.60½	2	59	2.06½	1	60	1.53	25
			2	[11] 59	1.57½				26
			1	59	2.30				27
1	(9)	1.10	8	64.3	.95½	3	64	1.16	28
						1	60	1.53	29
			1	60	2.87½				30
1	(9)	1.34½							31
						1	60	1.07	32
3	(9)	1.28	4	[1] 63.7	1.52½	6	63.4	1.41	33
1	(9)	2.68½	2	59.3	2.87½	2	60	3.07	34
12	(9)	1.82	24	[12] 63	1.59	15	62.1	1.63	35
						1	72	1.15	36
						1	72	1.34	37
						2	72	1.25	38
						1	72	1.53	39
						1	66	1.25	40
			[4] 2	72	[4] .71				41
2	60	1.50				7	72	.90	42
			1	72	.92½				43
			2	72	[13] 1.15	2	66	.92	44
2	60	1.50	[4] 5	72	[14] .93	11	70.4	1.00	45

[8] Hours reported for 26 employees only.
[9] Irregular.
[10] Hours reported for 2 employees only.
[11] Hours reported for 1 employee only.
[12] Hours reported for 21 employees only.
[13] Receives also bonus of $1 for each Sunday worked.
[14] See notes to details.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (5 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineers' helpers, mill:				
1	American	M.			
2	American Negro	M.	1	71	$1.00
3	Chinese	M.	6	70.9	1.23
4	English	M.			
5	German	M	5	[2] 72	1.58
6	Hawaiian	M.	3	71.3	1.05
7	Part-Hawaiian	M.	1	68	1.00
8	Japanese	M.	53	70.9	1.00½
9	Korean	M.			
10	Norwegian	M.	2	71	1.05½
11	Portuguese	M.	9	70.3	1.05
12	Spanish	M.	1	72	1.00
13	Total	.....	81	[4] 70.9	1.06½
	Engineers' helpers, pump:				
14	American	M.			
15	Chinese	M.			
16	Japanese	M.	2	84	1.54
17	Portuguese	M.			
18	Total	.....	2	84	1.54
	Engineers' helpers, steam plow:				
19	American	M.			
20	Chinese	M.			
21	Hawaiian	M.			
22	Part-Hawaiian	M.			
23	Japanese	M.			
24	Portuguese	M.			
25	Total	.....			
	Engineers, hoist, gasoline:				
26	Hawaiian	.....			
	Engineers, locomotive:				
27	American	M.	4	[7] 66	3.10½
28	Canadian	M.			
29	Chinese	M.	1	65.3	1.00
30	Danish	M.			
31	English	M.			
32	Filipino	M.	1	60	1.53½
33	German	M.	9	[8] 70.5	1.71
34	Hawaiian	M.	14	63.4	1.67
35	Part-Hawaiian	M.	9	[9] 64	1.92
36	Japanese	M.	6	66.6	1.23½
37	Norwegian	M.			
38	Porto Rican	M.			
39	Portuguese	M.	16	[11] 64.9	1.80
40	Russian	M.			
41	Scotch	M.	1	58	4.21½
42	Spanish	M.			
43	Swedish	M.	2	66	2.49½
44	Total	.....	63	[14] 65.3	1.85
	Engineers, machine shop:				
45	American	M.			
46	German	M.			
47	Hawaiian	M.			
48	Japanese	M.			
49	Scotch	M.			
50	Total	.....			

[1] Boys.
[2] Hours reported for 4 employees only.
[3] Hours reported for 146 employees only.
[4] Hours reported for 80 employees only.
[5] Including 2 boys.
[6] Hours reported for 179 employees only
[7] Hours reported for 2 employees only.
[8] Hours reported for 8 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (5 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	72	$1.91½	[1] 2	67.3	[1] $0.77	2	72	$2.78	1
									2
5	72	.93	13	72	1.03½	11	69	.92	3
1	72	1.00							4
			1	71	2.30	1	72	.69	5
1	72	1.00	5	69.6	.90	4	70.7	1.09	6
									7
8	72	1.12	83	71.4	.98½	148	[3] 68.5	1.03	8
						1	65	.71	9
1	72	1.34½							10
2	72	1.45½	12	70	1.46½	14	69.8	1.26	11
									12
19	72	1.15	[5] 116	71.2	[5] 1.04½	181	[6] 69.5	1.06	13
			1	69	1.15½				14
			1	69	.92	20	63.6	.99	15
			2	69	1.07½	27	65	1.04	16
			1	69	1.91½				17
			5	69	1.23	47	64.4	1.02	18
			1	60	1.00	2	60	1.00	19
			2	60	.96½				20
2	60	1.07½							21
			1	59	.69				22
6	60	1.17	72	59.4	.92	27	61.4	.90	23
4	60	1.14½	13	61.6	1.00½	2	66	1.75	24
12	60	1.14½	89	59.8	.93½	31	61.6	.96	25
						2	59.5	1.00	26
5	60	3.03	3	67.7	3.06½	20	70.8	2.53	27
2	60	2.39½							28
1	60	.84½	2	72	1.00	2	60	1.15	29
			1	72	3.06½				30
2	60	4.79½							31
1	60	1.72½	1	72	1.91½				32
4	60	1.34½	3	65	1.41	2	60	1.54	33
25	60	1.75½	27	69.9	1.76½	16	64.3	1.83	34
3	60	2.75				2	60	1.53	35
9	60	1.19½	10	70.7	[10] 1.21	13	64.4	1.35	36
1	60	2.68½							37
						2	66	1.54	38
22	60	1.93½	37	70.8	[12] 1.88	44	68.2	1.92	39
1	60	2.49	1	72	[10] 2.49				40
2	60	[13] 2.01½	3	72	2.81½	1	60	3.45	41
			1	72	1.34				42
									43
78	60	[13] 1.95½	89	70.3	[15] 1.82	102	67	1.93	44
						10	59.9	3.18	45
2	60	1.03							46
			2	59.5	2.60½				47
2	60	1.00				5	60.4	1.03	48
						1	65	3.83	49
4	60	1.01½	2	59.5	2.60½	16	60.4	2.55	50

[9] Hours reported for 7 employees only.
[10] 1 employee receives also bonus of $1 for each Sunday worked.
[11] Hours reported for 14 employees only.
[12] 2 employees receive also bonus of $1 for each Sunday worked.
[13] 1 employee receives also share of net profits.
[14] Hours reported for 56 employees only.
[15] See notes to details.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineers, mill:				
1	American	M.			
2	Australian	M.			
3	Canadian	M.			
4	Chinese	M.			
5	English	M.			
6	French	M.			
7	German	M.			
8	Guam Islander	M.			
9	Hawaiian	M.			
10	Japanese	M.			
11	New Zealander	M.			
12	Portuguese	M.			
13	Scotch	M.			
14	Swedish	M.			
15	Total				
	Engineers, mill, assistant:				
16	American	M.	6	[6] 72	$4.25
17	Austrian	M.			
18	Chinese	M.	3	69.4	1.65
19	English	M.			
20	French	M.			
21	German	M.	4	[6] 70.3	4.02½
22	Hawaiian	M.			
23	Part-Hawaiian	M.	1	72	3.06½
24	Japanese	M.	4	[7] 72	2.06
25	Norwegian	M.			
26	Porto Rican	M.			
27	Portuguese	M.	10	[9] 71.9	2.22½
28	Russian	M.			
29	Scotch	M.	1	([10])	3.83½
30	Spanish	M.			
31	Total		29	[11] 71.3	2.89½
	Engineers, mill, chief:				
32	American	M.	13	[7] 72	[3] 7.27
33	Australian	M.	1	([10])	5.36½
34	Canadian	M.	2	([10])	6.71
35	English	M.	5	[2] 71	[3] 6.98
36	German	M.	7	[4] 72	6.84½
37	Norwegian	M.	1	([10])	6.71
38	Scotch	M.	6	[6] 65.8	6.12
39	Total		35	[12] 69.2	[14] 6.84½
	Engineers, pump:				
40	American	M.	13	[15] 84	3.32½
41	Chinese	M.	8	84	1.15½
42	English	M.	3	[2] 84	[1] 4.50
43	German	M.	7	84	3.19½
44	Hawaiian	M.	1	84	1.64½
45	Part-Hawaiian	M.	4	84	2.67
46	Irish	M.	1	84	2.96
47	Japanese	M.	10	[17] 81.3	1.22
48	Norwegian	M.	3	[7] 84	3.03
49	Portuguese	M.	6	80.9	1.81½
50	Russian	M.			
51	Scotch	M.			
52	Total		56	[18] 83.1	[1] 2.42½

[1] 2 employees receive also share of net profits.
[2] Hours reported for 1 employee only.
[3] 1 employee receives also share of net profits.
[4] 3 employees receive also share of net profits.
[5] Hours reported for 33 employees only.
[6] Hours reported for 3 employees only.
[7] Hours reported for 2 employees only.
[8] Hours reported for 24 employees only.
[9] Hours reported for 8 employees only.
[10] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
18	72	[1] $6.34½	19	71.3	$6.60	14	69.6	$6.31	1
			2	72	7.50½				2
2	72	6.23	3	72	7.88	2	[2] 60	5.27	3
2	72	2.39½				2	72	2.69	4
8	72	5.39	6	70	6.39	3	67.5	7.35	5
1	72	5.75	1	72	5.75				6
5	72	3.95	10	70	6.19½	3	69.7	5.11	7
						1	60	3.45	8
			1	72	4.79	1	84	1.97	9
4	72	1.76½	1	72	3.26	2	68.5	2.78	10
1	72	8.62½							11
2	72	[3] 2.78	3	68.8	3.13	3	72	3.68	12
9	72	6.11½	7	70.3	6.45½	3	70	5.36	13
1	72	5.75							14
53	72	[4] 5.32½	53	70.7	6.27½	34	[5] 69.6	5.29	15
4	72	4.84	5	69.6	3.66½	6	69.8	3.98	16
						1	72	1.08	17
3	72	1.76	3	72	2.81	2	75	1.07	18
1	72	3.45				1	72	1.53	19
			1	72	4.60				20
			1	72	1.91½	1	72	1.53	21
2	72	1.44	2	72	1.62½	1	72	1.15	22
									23
14	72	1.14½	6	72	1.72½	27	[6] 70	1.28	24
			1	72	2.30	1	71	3.83	25
						1	78	.92	26
14	72	2.10½	12	72	2.07	11	70.9	2.20	27
						1	72	2.30	28
1	72	2.87½	1	72	3.64	3	62	4.66	29
			1	72	1.91½				30
39	72	2.03½	33	71.6	2.41	56	[12] 70.3	1.98	31
3	72	6.71							32
									33
1	72	6.71							34
2	72	7.82½							35
4	72	7.19							36
									37
1	72	5.75							38
11	72	7.00							39
21	84	[16] 3.49	11	78.5	3.71	50	83.5	2.63	40
6	84	1.37	4	72.8	1.28½	2	60	1.73	41
2	84	2.96	3	72	3.38½				42
2	84	1.64½	3	75.7	2.70½	1	84	4.11	43
8	[13] 80.6	[3] 1.67	12	77.8	2.39	8	75	2.04	44
						1	84	1.32	45
									46
20	84	1.12½	30	77	1.19	20	76.2	1.33	47
3	84	3.56½	4	[6] 72	3.97½	1	84	2.96	48
7	84	1.76	11	75.5	1.89½	13	80.3	1.60	49
			2	72	3.45				50
			2	78	6.57½				51
69	[19] 83.6	[14] 2.17	82	[20] 76.4	2.26	96	80.4	2.16	52

[11] Hours reported for 20 employees only.
[12] Hours reported for 53 employees only.
[13] Hours reported for 7 employees only.
[14] See notes to details.
[15] Hours reported for 11 employees only.
[16] 4 employees also receive share of net profits.
[17] Hours reported for 9 employees only.
[18] Hours reported for 50 employees only.
[19] Hours reported for 68 employees only.
[20] Hours reported for 81 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineers, pump, assistant:				
1	American	M.	1	84	$5.75½
2	Chinese	M.			
3	English	M.	1	71	[1] 2.30
4	Hawaiian	M.	1	71	[1] 1.91½
5	Japanese	M.			
6	Korean	M.			
7	Norwegian	M.			
8	Portuguese	M.			
9	Spanish	M.	1	71	1.07½
10	Total		4	74.3	[2] 2.76
	Engineers, pump, chief:				
11	American	M.	3	[3]	6.30
12	English	M.			
13	German	M.			
14	Norwegian	M.	1	[3]	7.39½
15	Portuguese	M.			
16	Scandinavian	M.			
17	Scotch	M.	2	[3]	6.03½
18	Swiss	M.			
19	Total		6	[3]	6.39½
	Engineers, railroad, chief:				
20	American	M.	1	[3]	4.79
21	English	M.	1	[3]	9.58½
22	Hawaiian	M.	1	60	2.30
23	Portuguese	M.	1	72	3.06½
24	Total		4	[4] 66	4.93½
	Engineers, sawmill:				
25	American	M.	2	60	3.75
	Engineers, steam plow:				
26	American	M.			
27	Canadian	M.			
28	Chinese	M.	1	65.3	1.00
29	English	M.			
30	German	M.	7	59	1.22
31	Hawaiian	M.	3	61.8	1.11½
32	Part-Hawaiian	M.			
33	Japanese	M.	57	60.9	1.14½
34	Norwegian	M.			
35	Polish	M.	1	59	1.25
36	Porto Rican	M.			
37	Portuguese	M.	20	60.8	1.30
38	Scotch	M.			
39	Swedish	M.			
40	Total		89	60.8	1.18½
	Engineers, steam plow, assistant:				
41	American	M.			
42	German	M.			
43	Hawaiian	M.			
44	Japanese	M.			
45	Portuguese	M.			
46	Total				
	Engineers, steam plow, chief:				
47	American	M.			
48	English	M.			
49	German	M.			
50	Japanese	M.			
51	Portuguese	M.			
52	Scandinavian	M.			
53	Total				

[1] Also share of net profits.
[2] 2 employees receive also share of net profits.
[3] Irregular.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
4	84	$2.92	1	84	$3.29	1	72	$4.79	1
.....	.....	.....	.....	.....	.....	4	60	1.34	2
1	84	2.96	.....	.....	.....	.....	.....	.....	3
1	60	2.00	.....	.....	.....	4	72	1.00	4
4	84	1.48	4	72	1.22	12	80	1.03	5
.....	.....	.....	.....	.....	.....	2	84	.92	6
1	84	2.96	.....	.....	.....	.....	.....	.....	7
2	84	2.63	2	73	2.44	1	60	1.73	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	9
13	82.2	2.36½	7	74	1.86½	26	73.8	1.26	10
1	84	6.57½	3	72	6.54½	7	66.7	9.22	11
1	84	7.39½	1	72	7.67	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	1	72	8.63	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	1	84	3.78	1	60	5.18	15
.....	.....	.....	.....	.....	.....	1	72	4.79	16
1	84	7.39½	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	1	59	4.79	18
3	84	7.12	5	74.4	6.21½	11	66.4	7.99	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	25
2	63	5.27½	4	63.1	5.12½	2	59.5	5.18	26
.....	.....	.....	1	66	4.79	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	28
1	60	5.75	6	60.1	5.69½	1	66	3.00	29
9	60	2.75	2	59	3.73½	2	59.5	4.12	30
3	60	1.33½	6	61.3	1.12½	9	63.3	1.08	31
1	60	2.87½	.....	.....	.....	.....	.....	.....	32
32	60	1.21½	16	60.8	1.15	50	60.4	1.26	33
5	60	[5] 4.29½	2	59	3.83½	1	59	3.83	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	1	62	1.23	1	66	1.08	36
27	60	1.61	19	59.8	1.73½	25	60	1.48	37
3	60	4.26	1	60	4.79	.....	.....	.....	38
1	60	3.83½	.....	.....	.....	.....	.....	.....	39
84	60.1	[5] 2.00½	58	60.6	2.39	91	60.6	1.49	40
.....	.....	.....	3	59	1.83½	.....	.....	.....	41
.....	.....	.....	4	59	1.54	1	60	1.73	42
1	60	1.00	.....	.....	.....	2	60	1.05	43
5	60	1.15½	5	62.6	1.52½	19	59.5	1.08	44
2	60	1.38½	7	60.9	1.40½	9	60	1.22	45
8	60	1.19	19	60.6	1.53	31	59.7	1.14	46
.....	.....	.....	.....	.....	.....	5	60	4.57	47
.....	.....	.....	.....	.....	.....	2	59.5	5.74	48
.....	.....	.....	1	59	5.75	1	60	4.79	49
.....	.....	.....	.....	.....	.....	3	60	1.37	50
.....	.....	.....	.....	.....	.....	1	60	3.83	51
.....	.....	.....	.....	.....	.....	1	60	3.83	52
.....	.....	.....	1	59	5.75	13	59.9	3.91	53

[4] Hours reported for 2 employees only.
[5] 1 employee also receives share of net profits.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Engineer, steam tug:				
1	Portuguese	M.	1	59	$1.38
	Engineers, traction engine:				
2	Hawaiian	M.			
3	Japanese	M.			
4	Porto Rican	M.			
5	Portuguese	M.			
6	Total				
	Engineers, traction engine, assistant:				
7	Japanese	M.			
8	Korean	M.			
9	Porto Rican	M.			
10	Portuguese	M.			
11	Total				
	Fence men:				
12	Chinese	M.			
13	German	M.			
14	Hawaiian	M.			
15	Japanese	M.	2	59.5	.76½
16	Polish	M.			
17	Porto Rican	M.			
18	Portuguese	M.	7	59.9	.98
19	Total		9	59.8	.93
	Fertilizers:				
20	Japanese	M.	10	(5)	1.00
	Field hands:				
21	American	M.			
22	American Negro	M.	16	59.1	.65½
23	Austrian	M.	2	60.	.85
24	Chinese	M.	2,693	[6] 59.5	.78
25	East Indian	M.			
26	Filipino	M.			
27	Do	F.			
28	German	M.	[14] 30	59	[14] .77½
29	Hawaiian	M.	[16] 113	[17] 59.3	[16] .78½
30	Do	F.			
31	Do	(5)			
32	Part-Hawaiian	M.			
33	Italian	M.	22	59	.90
34	Japanese	M.	[23] 15,997	[23] 59.5	[22] .75½
35	Do	F.	1,418	[20] 59.4	.43
36	Japanese and Chinese	M.			
37	Korean	M.			
38	Do	F.			
39	Polish	M.	11	59.7	.85½
40	Do	F.	2	59	.46

[1] Including 6 boys.
[2] Hours reported for 25 employees only.
[3] Including 1 boy.
[4] Hours reported for 56 employees only.
[5] Not reported.
[6] Hours reported for 1,852 employees only.
[7] Including 1 pensioner.
[8] Including 7 boys, contract workers.
[9] Hours reported for 1,211 employees only.
[10] Including 2 boys.
[11] Hours reported for 756 employees only.
[12] Including 5 boys.
[13] Including 2 girls.
[14] Including 8 boys.
[15] Including 11 boys.
[16] Including 8 boys and 10 pensioners.
[17] Hours reported for 100 employees only.
[18] Including 7 boys.
[19] Including 31 boys.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905.			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
									1
						1	60	$1.73	2
			1	66	$1.53½	1	62	1.99	3
						1	62	1.23	4
1	60	$1.91½	3	62.5	2.04	3	61.3	1.98	5
1	60	1.91½	4	63.4	1.91½	6	61.3	1.82	6
			1	66	.84½				7
						1	60	.84	8
						2	62	.81	9
2	60	1.00				[1] 7	61.7	[1] .70	10
2	60	1.00	1	66	.84½	[1] 10	61.6	[1] .74	11
1	60	.73				1	60	.77	12
						1	60	.84	13
3	60	.73½	4	60.3	.90½	13	59	1.05	14
11	60	.80	23	61.1	.79½	29	[2] 59.8	.79	15
						1	60	.84	16
4	60	.66½							17
[3] 25	60	[3] 1.02½	25	59.4	.94½	15	60	.94	18
[3] 44	60	[3] .90½	52	60.3	.87½	60	[4] 59.7	.88	19
									20
						10	60	.88	21
6	60	.83½							22
2	60	.86½							23
[7] 1,113	60	[7] .68	[8] 1,218	[9] 59.6	[8] .65	[10] 768	[11] 59.9	[10] .72	24
						16	59.4	.69	25
4	60	.73				[12] 1,401	60	[12] .69	26
						[13] 11	59.9	[13] .51	27
14	60	.91	[15] 22	59	[15] .71½	6	60	.79	28
[16] 355	60	[16] .72	[19] 338	60.1	[19] .74	[20] 260	60	[20] .82	29
24	60	.52½	1	59	.46	7	60	.52	30
[21] 114	60	[21] .47							31
			1	60	.77				32
14	60	.84½	2	59	1.00				33
[24] 11,245	60	[24] .67½	[25] 11,820	[26] 59.7	[25] .65	[27] 7,578	[28] 59.8	[29] .71	34
2,432	60	.44½	2,091	[31] 59.5	.44½	1,301	[32] 59.8	[33] .52	35
160	60	.65½							36
			[34] 3,039	[35] 59.7	[34] .65	[3] 588	[36] 59.9	[3] .73	37
			44	59.4	.49	12	[37] 59.8	.53	38
[3] 8	60	[3] .90½	1	60	.84½				39
									40

[20] Including 17 boys.
[21] Children.
[22] Including 4 boys.
[23] Hours reported for 12,154 employees only.
[24] Including 3 boys.
[25] Including 24 boys and 27 contract workers.
[26] Hours reported for 11,305 employees only.
[27] Including 10 boys.
[28] Hours reported for 7,558 employees only.
[29] Including 17 employees who received a bonus of $2 per month if they work 20 days during the month, but not including 74 pieceworkers whose daily rate of wages is not reported.
[30] Hours reported for 1,388 employees only.
[31] Hours reported for 2,004 employees only.
[32] Hours reported for 1,294 employees only.
[33] Not including 3 pieceworkers whose daily rate of wages is not reported.
[34] Including 24 boys, 4 of whom are contract workers.
[35] Hours reported for 3,035 employees only.
[36] Hours reported for 566 employees only.
[37] Hours reported for 9 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Field hands (concluded):				
1	Porto Rican	M.	78	59	$0.65½
2	Do	F.			
3	Portuguese	M.	[8] 692	[9] 59.2	[8] .76½
4	Do	F.	[15] 98	[16] 59.1	[15] .47½
5	Russian	M.			
6	Do	F.			
7	South Sea Islander	M.			
8	Spanish	M.	7	59.9	.71½
9	Do	F.	1	59	.50
10	Total	.....	[23] 21,180	[24] 59.5	[23] .73½
	Fireman, donkey engine:				
11	Japanese	M.			
	Firemen, locomotive:				
12	American	M.			
13	Chinese	M.			
14	German	M.	[28] 3	71.7	[28] .98½
15	Hawaiian	M.	[28] 16	[30] 63.2	[28] .99½
16	Part-Hawaiian	M.	2	66	1.07½
17	Japanese	M.	23	65.4	.91
18	Korean	M.			
19	Porto Rican	M.			
20	Portuguese	M.	8	[31] 65.8	.97
21	Total	.....	[32] 52	[33] 65.2	[32] .95½
	Firemen, mill:				
22	American	M.			
23	Chinese	M.	48	71.3	.84½
24	Filipino	M.			
25	Hawaiian	M.	5	70.4	1.13
26	Japanese	M.	188	71.4	.85
27	Korean	M.			
28	Porto Rican	M.			
29	Portuguese	M.	6	71.9	1.14½
30	Total	.....	247	71.4	.86
	Firemen, pump:				
31	American	M.			
32	Chinese	M.	36	82.6	.93
33	Hawaiian	M.			
34	Japanese	M.	63	82.8	.90
35	Korean	M.			
36	Portuguese	M.	2	84	.92
37	Spanish	M.			
38	Total	.....	101	82.8	.91
	Firemen, steam plow:				
39	Japanese	M.			
40	Portuguese	M.			
41	Total	.....			

[1] Including 148 boys.
[2] Including 244 boys, 16 of whom are contract workers; 19 employees receive also bonus of $2 for every 26 days worked; 89, 50 cents for every 6 days worked in a week, and 42 a bag of flour, valued at $1.40, if 20 days or more are worked in a month.
[3] Including 25 boys.
[4] Including 5 girls.
[5] Including 2 girls and 8 contract workers.
[6] Including 9 girls.
[7] Hours reported for 61 employees only.
[8] Including 109 boys.
[9] Hours reported for 660 employees only.
[10] Including 223 boys and 1 pensioner.
[11] Including 411 boys, 35 of whom are contract workers.
[12] Hours reported for 1,055 employees only.
[13] Including 68 boys.
[14] Hours reported for 1,251 employees only.
[15] Including 15 girls.
[16] Hours reported for 73 employees only.
[17] Including 2 girls.
[18] Including 28 girls, and 3 employees bagging cane at 1½ cents per bag.
[19] Including 52 girls.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
[1] 1,679	60	[1] $0.61½	[2] 1,005	59.6	[2] $0.64	[3] 693	59.8	[3] $0.80	1
[4] 175	60	[4] .42½	[5] 97	59.6	[5] .43½	[6] 71	[7] 60.2	[6] .50	2
[10] 1,083	60	[10] .74	[11] 1,082	[12] 59.6	[11] .69½	[13] 1,334	[14] 59.9	[13] .78	3
[17] 100	60	[17] .47	[18] 164	59.4	[18] .45	[19] 190	[20] 60.6	[19] .49	4
						86	60.2	.81	5
						14	60.2	.53	6
7	60	.63½							7
1	60	.92½				[21] 254	59.8	[21] .80	8
						[22] 45	59.6	[22] .47	9
[23] 18,536	60	[23] .64	[24] 20,925	[25] 59.7	[23] .63	[23] 14,645	[26] 59.8	[23] .70	10
1	[27]	.84½							11
						4	72	1.08	12
1	60	.73	2	72	.69	1	60	.84	13
4	60	.79	[29] 2	65	[29] .73	1	60	.84	14
18	60	1.02½	10	70.8	.92½	15	67.9	1.02	15
									16
21	60	.93½	7	70	.87	13	65.5	.95	17
						2	59.3	.92	18
						3	70	.87	19
14	60.9	1.06½	[28] 19	71.6	[28] .97	45	68.2	.86	20
58	60.2	.98	[34] 40	70.8	[34] .91½	84	67.6	.98	21
1	72	1.34½							22
43	72	.91½	42	71.9	.84	19	73.3	.83	23
						1	62	.77	24
									25
193	72	.86	223	70.3	[35] .79	240	[36] 71	.86	26
						1	78	.90	27
			1	72	.84½				28
2	72	2.01½	2	72	1.04½	4	72	.85	29
239	72	.88½	268	70.6	[35] .80	265	[37] 71.2	.86	30
			1	69	1.15				31
4	84	.79	32	69.8	.94½	28	73.7	1.01	32
7	80.6	1.00	3	72	.95	1	84	.85	33
73	83.7	.84½	100	[38] 73.9	.95	74	81.3	.98	34
						1	84	1.00	35
1	84	.85½	1	84	.90	4	84	.85	36
			1	84	1.00				37
85	83.4	.85½	138	[39] 73	.95	108	79.4	.98	38
						2	60	1.00	39
						2	60	1.00	40
						4	60	1.00	41

[20] Hours reported for 133 employees only.
[21] Including 23 boys.
[22] Including 3 girls.
[23] See notes to details.
[24] Hours reported for 16,396 employees only.
[25] Hours reported for 20,285 employees only.
[26] Hours reported for 14,431 employees only.
[27] Irregular.
[28] Including 1 boy.
[29] Boys.
[30] Hours reported for 14 employees only.
[31] Hours reported for 6 employees only.
[32] Including 2 boys.
[33] Hours reported for 48 employees only.
[34] Including 3 boys.
[35] Four employees receive also $1 for each Sunday the boilers are cleaned.
[36] Hours reported for 216 employees only.
[37] Hours reported for 241 employees only.
[38] Hours reported for 96 employees only.
[39] Hours reported for 134 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages. per day.
	Flume men:				
1	Chinese	M.	1	59	$0.77
2	Hawaiian	M.			
3	Japanese	M.	47	[2] 58.3	.94
4	Do	F.			
5	Korean	M.			
6	Porto Rican	M.			
7	Portuguese	M.	12	[6] 59.4	1.28½
8	Total	.....	60	[8] 58.4	1.00½
	Foremen, firemen, mill:				
9	American	M.			
10	German	M.			
11	Hawaiian	M.			
12	Japanese	M.			
13	Portuguese	M.			
14	Total	.....			
	Foreman, flume men:				
15	Japanese	M.			
	Foremen, laborers, mill:				
16	American	M.			
17	Part-Hawaiian	M.			
18	Japanese	M.			
19	Total	.....			
	Foreman, laborers, mill construction:				
20	Norwegian	M.	1	59	2.30
	Foremen, laborers, railroad:				
21	American	M.	2	60	2.97
22	Chinese	M.	6	60	1.47
23	German	M.	1	(12)	5.56
24	Hawaiian	M.	1	59	1.91½
25	Part-Hawaiian	M.			
26	Japanese	M.	10	59.3	1.19½
27	Portuguese	M.	4	59.3	1.33½
28	Total	.....	24	[14] 59.5	1.65
	Foremen, carpenters:				
29	American	M.	6	59.3	5.49
30	Canadian	M.	1	60	3.83½
31	Chinese	M.	1	59	1.91½
32	English	M.	1	60	4.56
33	German	M.	3	59.7	4.67½
34	Hawaiian	M.	2	59.5	3.64½
35	Part-Hawaiian	M.	2	59	3.49½
36	Irish	M.	1	60	4.98½
37	Japanese	M.	4	59.8	2.15½
38	Portuguese	M.	2	59.5	3.23½
39	Scotch	M.	1	60	4.98½
40	Total	.....	24	59.5	4.02½
	Foremen, carpenters, assistant:				
41	American	M.	2	59	4.23½
42	English	M.	1	59	3.83½
43	Japanese	M.	1	60	1.99½
44	Total	.....	4	59.3	3.57½

[1] Including 1 boy.
[2] Hours reported for 34 employees only.
[3] Hours reported for 512 employees only.
[4] Including 5 boys.
[5] Including 5 boys; 5 employees receive also bonus of 50 cents for every 6 days worked.
[6] Hours reported for 5 employees only.
[7] Including 4 boys.
[8] Hours reported for 40 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
.....	.....	.....	30	62.3	$0.90	22	66	$1.17	1
.....	.....	.....	[1] 16	72	[1] .81½	14	60	.94	2
86	72	$0.72	209	69.7	.77½	[1] 514	[2] 67.3	[1] .98	3
.....	.....	.....	.....	.....	.....	12	66	1.32	4
.....	.....	.....	.....	.....	.....	6	65	.71	5
.....	.....	.....	[4] 14	62.7	[5] .57½	9	60	.99	6
1	72	1.34½	[7] 10	71	[7] .73½	[1] 49	60	[1] .85	7
87	72	.73	[9] 279	68.7	[10] .78	[11] 626	[12] 66.4	[11] .98	8
.....	.....	.....	2	72	2.39½	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	1	71	1.35	10
.....	.....	.....	.....	.....	.....	1	78	2.00	11
.....	.....	.....	.....	.....	.....	3	67.7	1.30	12
.....	.....	.....	.....	.....	.....	1	78	2.14	13
.....	.....	.....	2	72	2.39½	6	71.7	1.57	14
1	60	1.00	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	2	72	2.39½	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	1	62	2.30	17
.....	.....	.....	.....	.....	.....	7	71	1.27	18
.....	.....	.....	2	72	2.39½	8	69.9	1.40	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	20
1	60	3.64	1	59	2.30	.....	.....	.....	21
3	60	1.72½	3	59	1.16½	1	66	1.92	22
2	60	2.17½	.....	.....	.....	.....	.....	.....	23
1	60	1.91½	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	1	59	2.49	.....	.....	.....	25
10	60	1.26½	12	59.8	1.14½	11	59.9	1.19	26
3	60	1.19½	1	59	1.91½	1	60	1.99	27
20	60	1.56½	18	59.5	1.33	13	60.4	1.31	28
3	60	[15] 5.24	1	59	6.13½	6	60.8	4.97	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	1	60	2.30	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	33
1	60	3.83½	.....	.....	.....	2	60	3.67	34
1	60	3.83½	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	5	60	1.90	37
.....	.....	.....	.....	.....	.....	3	60	2.56	38
.....	.....	.....	.....	.....	.....	1	60	2.30	39
5	60	[15] 4.67½	1	59	6.13½	18	60.3	3.27	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	44

[9] Including 10 boys.
[10] See notes to details.
[11] Including 2 boys.
[12] Hours reported for 624 employees only.
[13] Irregular.
[14] Hours reported for 23 employees only.
[15] 1 employee receives also share of net profits.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foremen, ditch men:				
1	American	M.			
2	Chinese	M.			
3	German	M.			
4	Hawaiian	M.			
5	Japanese	M.			
6	Portuguese	M.			
7	Total				
	Foreman, laborer, railroad, assistant:				
8	German	M.	1	59	$2.30
	Foreman, masons:				
9	American	M.			
10	English	M.	1	60	7.74½
	Foremen, mill:				
11	American	M.			
12	Chinese	M.			
13	Japanese	M.			
14	Portuguese	M.			
15	Total				
	Foreman, painter:				
16	Hawaiian	M.			
17	Part-Hawaiian	M.	1	60	4.21½
	Foremen, shaft diggers:				
18	American	M.	5	[5] 60	5.41½
	Foremen, stablemen:				
19	American	M.	4	[6] 84	2.60½
20	Australian	M.			
21	Belgian	M.	1	84	1.15
22	Canadian	M.	1	([8])	2.27
23	German	M.	1	70	1.91½
24	Hawaiian	M.	1	84	1.31½
25	Part-Hawaiian	M.			
26	Japanese	M.	2	[6] 84	1.15½
27	Norwegian	M.	1	([8])	2.07
28	Portuguese	M.	4	[9] 84	1.54
29	Scotch	M.			
30	Spanish	M.			
31	Swedish	M.	1	84	3.29
32	Total		16	[11] 82.3	1.93
	Foremen, stablemen, assistant:				
33	American	M.	2	[6] 84	2.05½
	Foremen, teamsters, and cultivators:				
34	American	M.	13	[5] 60	3.22½
35	Canadian	M.	1	60	3.83½
36	Danish	M.	1	60	2.64½
37	English	M.			
38	German	M.	4	[9] 59.5	2.95½
39	Hawaiian	M.	6	[9] 60	2.11
40	Part-Hawaiian	M.	1	([8])	[15] 2.49
41	Japanese	M.	1	72	1.72½
42	Norwegian	M.	2	[6] 59	1.89½
43	Portuguese	M.	6	[3] 60	1.91
44	Scotch	M.	12	[5] 61	2.90½
45	Swedish	M.			
46	Total		47	[16] 60.7	[14] 2.73

[1] Hours reported for 6 employees only.
[2] Hours reported for 15 employees only.
[3] Hours reported for 4 employees only.
[4] Hours reported for 16 employees only.
[5] Hours reported for 3 employees only.
[6] Hours reported for 1 employee only.
[7] Hours reported for 7 employees only.
[8] Irregular.
[9] Hours reported for 2 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	60	$3.83½	4	60.3	$4.55½	4	68	$4.50	1
			1	59.5	1.72½				2
			1	59	3.83½				3
						2	65	1.81	4
			3	59.7	1.78½	10	60	.77	5
1	60	4.10	7	[1] 59.7	1.72½	3	63	1.88	6
2	60	3.96½	16	[2] 59.8	2.57½	19	62.7	1.84	7
									8
1	60	8.43½							9
									10
			2	72	1.62½	2	72	5.94	11
						4	78	1.35	12
6	72	.75				5	[3] 72	1.20	13
						6	76	1.21	14
6	72	.75	2	72	1.62½	17	[4] 75	1.80	15
1	60	2.76							16
									17
									18
8	72	2.59	8	[7] 64.4	2.57½	6	65.6	2.38	19
			1	70	2.79½				20
									21
									22
1	72	1.91½	3	[9] 65	2.57				23
2	72	1.21	2	64.5	1.42½	3	63.3	1.73	24
1	72	2.30	1	66	2.68½				25
6	72	1.15½	5	74.2	.99	16	[2] 75.3	1.07	26
			1	84	2.30				27
6	72	1.60	12	70.3	1.21½	14	[10] 70	1.66	28
1	72	1.53½	3	66.5	2.36½	1	60	2.88	29
						1	70	1.48	30
									31
25	72	1.81½	36	[12] 68.9	1.82	41	[13] 72.4	1.57	32
									33
6	66	[14] 3.03½	7	[1] 62	2.38½	8	61	2.71	34
			1	(8)	2.63				35
2	66	2.49							36
3	66	2.36½							37
3	66	2.78½	2	60.5	2.58½	2	60	3.46	38
11	66	1.82	7	60.1	1.97½	10	60	1.52	39
1	66	2.30	2	59.5	1.92				40
1	66	1.15½	2	59.5	1.43½	14	60	1.39	41
									42
17	66	[14] 1.59½	10	61	2.06½	13	61.9	1.41	43
13	66	2.83	9	59.3	2.96	2	59.3	2.78	44
1	66	3.06½				1	60	2.88	45
58	66	[17] 2.14½	40	[18] 60.4	2.31	50	60.6	1.80	46

[10] Hours reported for 13 employees only.
[11] Hours reported for 8 employees only.
[12] Hours reported for 34 employees only.
[13] Hours reported for 39 employees only.
[14] 1 employee receives also share of net profits.
[15] Also share of net profits.
[16] Hours reported for 18 employees only.
[17] 2 employees receive also share of net profits.
[18] Hours reported for 38 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Foreman, tramway:				
1	Portuguese	M.			
	Foreman, wharf:				
2	American	M.			
3	German	M.			
4	Hawaiian	M.			
5	Total				
	Foresters:				
6	Hawaiian	M.			
7	Japanese	M.			
8	Korean	M.			
9	Norwegian	M.			
10	Polish	M.			
11	Portuguese	M.			
12	Total				
	Freight handlers:				
13	Chinese	M.			
14	Hawaiian	M.			
15	Japanese	M.			
16	Korean	M.			
17	Porto Rican	M.			
18	Portuguese	M.			
19	Spanish	M.			
20	Total				
	Gardeners:				
21	American	M.			
22	French	M.			
23	Japanese	M.			
24	Portuguese	M.			
25	Total				
	Harness makers:				
26	American	M.			
27	Austrian	M.			
28	Chinese	M.			
29	English	M.			
30	German	M.	2	59	$2.21½
31	Guam Islander	M.	1	60	1.50
32	Hawaiian	M.			
33	Japanese	M.	4	59.8	1.13½
34	Mexican	M.			
35	Polish	M.	2	59.5	1.25
36	Portuguese	M.	10	59.4	1.16
37	Spanish	M.	1	60	1.00
38	Spanish-American	M.			
39	Total		20	59.5	1.28
40	Health inspector:				
	American	M.			
41	Hospital stewards:				
	American	M.			
42	Japanese	M.	1	(3)	.66..
43	Do	F.			
44	Korean	M.			
45	Scotch	M.	1	(3)	2.30
46	Total		2	(3)	1.48

[1] Hours reported for 38 employees only.
[2] Hours reported for 79 employees only.
[3] Irregular.
[4] Hours reported for 1 employee only.
[5] Hours reported for 8 employees only.
[6] Hours reported for 20 employees only.
[7] Hours reported for 26 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905.			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	60	$1.34½							1
						1	60	$2.30	2
						1	60	1.92	3
			1	60	$1.00	1	60	1.53	4
			1	60	1.00	3	60	1.92	5
						2	59.8	.87	6
			1	59	.65½	8	59.9	.83	7
						1	63	.70	8
						1	63	2.88	9
						1	60	.92	10
			1	59	.88½	1	60	.96	11
			2	59	.77	14	60.3	.99	12
						2	60	.73	13
11	60	1.09	11	59	1.09	5	59.9	.94	14
			21	64.5	.78	70	[1] 49.5	1.18	15
						5	60	.80	16
						13	60	.92	17
						14	59.9	.98	18
						2	60	.92	19
11	60	1.09	32	62.6	.88½	111	[2] 54.9	1.09	20
						1	62	1.00	21
			1	59	2.30				22
						4	59.6	.83	23
						1	60	.92	24
			1	59	2.30	6	60.1	.87	25
1	60	2.00				1	59	1.73	26
						2	60	1.10	27
3	60	.81							28
1	60	2.00				1	60	2.50	29
1	60	2.50							30
			1	[3]	.69				31
1	[3]	2.00	1	59	2.00	2	[4] 59.5	1.58	32
4	60	1.03	9	[5] 59.9	1.04½	7	59.9	1.11	33
			1	[3]	1.00				34
			2	59.3	1.13½	1	60	1.15	35
9	60	1.27	14	59.3	1.25½	10	60	1.18	36
1	60	1.00	1	59	.96	1	54	.77	37
			1	[3]	3.50				38
21	[6] 60	1.31	30	[7] 59.4	1.24½	25	[8] 59.7	1.24	39
						1	72	2.68	40
			1	84	2.63				41
						13	[9] 72.7	[10] .86	42
						3	[11] 84	[10] .61	43
						1	72	.70	44
									45
			1	84	2.63	17	[12] 74.1	[13] .81	46

[8] Hours reported for 24 employees only.
[9] Hours reported for 12 employees only.
[10] 1 employee receives also board.
[11] Hours reported for 2 employees only.
[12] Hours reported for 15 employees only.
[13] 2 employees receive also board.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Interpreters:				
1	Chinese	M.	1	[1]	$.92½
2	Japanese	M.	5	[1]	1.23
3	Korean				
4	Total		6	[1]	1.18
	Janitor:				
5	Japanese	F.			
	Laborer, domestic:				
6	Japanese	F.			
	Laborers, general:				
7	American	M.			
8	American Negro	M.	1	60	.77
9	Chinese	M.	1	65.3	.77
10	Fiji Islander	M.			
11	Filipino	M.			
12	Do	F.			
13	German	M.			
14	Hawaiian	M.	[3] 54	58.3	[3] .78
15	Do	F.			
16	Part-Hawaiian	M.	4	58.3	.94½
17	Hindu	M.			
18	Japanese	M.	58	60.1	.78½
19	Do	F.			
20	Korean	M.			
21	Do	F.			
22	Norwegian	M.	2	59	.73
23	Polish	M.			
24	Do	F.			
25	Porto Rican	M.			
26	Do	F.			
27	Portuguese	M.	[21] 15	59.8	[21] .86½
28	Do	F.			
29	Samoan	M.			
30	South Sea Islander	M.			
31	Spanish	M.			
32	Do	F.			
33	West Indian Negro	M.			
34	Total		[29] 135	59.3	[29] .79½
	Laborers, mill:				
35	American	M.			
36	Austrian	M.			
37	Chinese	M.	188	70.8	.80½
38	Filipino	M.			
39	German	M.			
40	Hawaiian	M.	9	71	.86½
41	Do	F.			
42	Part-Hawaiian	M.	1	72	1.00
43	Japanese	M.	[13] 1,646	71.5	[13] .79
44	Do	F.	43	71.7	.46½
45	Korean	M.			

[1] Irregular.
[2] 1 employee receives also share of net profits.
[3] Not reported.
[4] Pensioners.
[5] Hours reported for 1 employee only.
[6] Including 1 pensioner.
[7] Hours reported for 2 employees only.
[8] Including 3 boys.
[9] Including 9 boys and 1 pensioner.
[10] Including 18 boys and 1 pensioner.
[11] Hours reported for 36 employees only.
[12] Including 8 boys.
[13] Including 1 boy.
[14] Including 6 boys and 2 pensioners.
[15] Including 16 boys.
[16] Including 1 boy and 2 pensioners.
[17] Boys.
[18] Including 9 boys.
[19] Including 15 boys.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	60	$1.91½				1
8	(1)	[2] $1.34½	9	60.6	1.65	7	62.9	$2.57	2
			5	61.5	1.01½	2	65	.60	3
8	(1)	[2] 1.34½	15	60.8	1.46	9	63.4	2.13	4
						1	70	.27	5
						1	(3)	.46	6
			[4] 3	[5] 60	[4] 1.53½	1	60	.38	7
1	60	.69							8
[6] 24	64.5	[6] .82½	[6] 3	[7] 59	[6] .79½	43	58.6	.75	9
			2	60	.77				10
			1	60	1.00	[8] 277	59.8	[8] .71	11
						13	59.9	.46	12
						2	59.5	1.16	13
[9] 32	61.5	[9] .69	[10] 37	[11] 61	[10] .66½	[12] 80	59	[12] .83	14
			[4] 1	(1)	[4] .57½	6	56.7	.58	15
									16
						2	59.5	.69	17
[13] 191	62.2	[13] .79½	[14] 41	59.9	[14] .73½	[15] 1,103	59.6	[15] .80	18
3	68	.40				339	59.8	.50	19
						134	59.8	.76	20
						6	59.8	.50	21
4	60	.86½	[16] 3	[5] 60	[16] .64				22
[17] 3	60	[17] .50	4	62.3	.86½				23
2	60	.69							24
[18] 18	60	[18] .62	[18] 2	60	[18] .55½	[19] 236	59	[19] .84	25
1	60	.65½				[20] 21	59.5	[20] .51	26
[22] 80	60	[22] .76½	[23] 79	59.6	[23] .73	[24] 355	[25] 58.7	[24] .73	27
[4] 1	60	[4] .57½				[26] 41	59.6	[26] .51	28
1	60	.77							29
[4] 1	60	[4] .57½	2	59	.69½				30
			2	60	.77	[27] 91	59.6	[27] .79	31
						[28] 23	59.6	[28] .47	32
			1	60	.77				33
[30] 362	61.7	[30] .76½	[29] 181	[31] 60	[30] .73½	[30] 2,773	[32] 59.8	[30] .73	34
2	72	1.72½	[21] 6	71	[21] 1.12½	[33] 1	78	[33] .66	35
						4	72	.96	36
214	72	.81½	181	71.4	.81	144	71.9	.85	37
						34	70.3	[34] .79	38
3	72	.96	1	59	1.00	[13] 4	73.5	[13] .63	39
19	72	.93½	19	71.2	.79	28	73.9	.87	40
			1	72	.50				41
1	72	.92½	1	72	.84½				42
1,373	72	.80½	2,229	71.9	[35] .78½	2,092	[36] 70.9	.85	43
10	72	.43½	114	71.8	[37] .48½	17	68.7	.51	44
			19	71.7	[38] .73	32	71.4	.84	45

[20] Girls.
[21] Including 2 boys.
[22] Including 14 boys and 2 pensioners.
[23] Including 20 boys, 1 pensioner, and 4 old men.
[24] Including 142 boys.
[25] Hours reported for 354 employees only.
[26] Including 18 girls.
[27] Including 29 boys.
[28] Including 15 girls.
[29] Including 5 boys.
[30] See notes to details.
[31] Hours reported for 174 employees only.
[32] Hours reported for 2,772 employees only.
[33] Boy.
[34] 8 employees receive a bonus of $2 per month if they work 20 days during the month.
[35] Wages reported for 2,197 employees only, including 1 boy and 48 contract workers.
[36] Hours reported for 1,905 employees only.
[37] Wages reported for 108 employees only, including 4 contract workers.
[38] 12 employees receive also salmon at midday.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Laborers, mill (concluded):				
1	Polish	M.			
2	Do	F.	2	72	$0.50
3	Porto Rican	M.			
4	Do	F.	4	71	.38½
5	Portuguese	M.	[3] 46	70.5	[3].85
6	Do	F.	2	72	.50
7	Spanish	M.	1	72	.92½
8	Total	.....	[6] 1,942	71.4	[6].78½
	Laborers, mill, construction:				
9	Hawaiian	M.	16	59.7	1.50
10	Japanese	M.	93	59	.79½
11	Portuguese	M.	6	59	1.08½
12	Total	.....	115	59.1	.91
	Laborers, mill, repairs:				
13	Part-Hawaiian	M.			
14	Japanese	M.			
15	Total	.....			
	Laborers, portable track:				
16	Hawaiian	M.			
17	Japanese	M.			
18	Do	F.			
19	Porto Rican	M.			
20	Portuguese	M.			
21	Total	.....			
	Laborers, pump:				
22	Chinese	M.			
23	Hawaiian	M.			
24	Japanese	M.	105	72.9	.97½
25	Portuguese	M.			
26	Total	.....	105	72.9	.97½
	Laborers, railroad:				
27	American	M.			
28	Chinese	M.	89	59.7	.87½
29	Hawaiian	M.	1	60	.77
30	Japanese	M.	478	[10] 59.5	.86½
31	Do	F.			
32	Polish	M.	3	59	.97½
33	Porto Rican	M.			
34	Portuguese	M.	16	59	.95
35	Total	.....	587	[12] 59.5	.87
	Laborers, road:				
36	Hawaiian	M.			
37	Japanese	M.			
	Laborers, sawmill:				
38	Japanese	M.	60	60	.74
	Laborers, steam plow:				
39	American	M.			
40	Australian	M.			
41	Chinese	M.			
42	Filipino	M.			
43	German	M.	4	59	.84½
44	Hawaiian	M.	5	64.8	.77

[1] 2 employees receive also bonus of 50 cents for each full week worked.
[2] Including 1 boy.
[3] Including 7 boys.
[4] Including 2 boys.
[5] Also bonus.
[6] Including 8 boys.
[7] See notes to details

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
7	72	$0.96½							1
									2
9	72	.70	64	71.5	[1] $0.79	[2] 14	71.1	[2] $0.81	3
1	72	.61½	3	72	.51½				4
[4] 27	72	[4] .96½	[4] 25	71.6	[4] .84½	87	72.5	.91	5
			10	72	.49½	1	72	.54	6
1	72	[5] .61½							7
[4] 1,667	72	[7] .81	[4] 2,673	71.8	[7] .77½	[8] 2,458	[9] 71	[7] .85	8
									9
									10
									11
									12
2	60	1.00							13
120	60	.80½							14
122	60	.81							15
						2	60	1.05	16
						202	60	1.08	17
						21	60	1.05	18
						1	60	.92	19
						4	60	1.00	20
						230	60	1.07	21
36	60	.93	2	59.5	.96	8	72	.85	22
						1	72	1.00	23
21	77.1	.91	22	67.9	.91½	71	71.7	.89	24
1	84	.79	1	59.5	.96	3	60	.87	25
58	66.6	.92	25	66.9	.92	83	71.3	.89	26
1	60	1.53½							27
17	60	.84							28
13	60	.82½	4	59	.79	18	59.6	.89	29
206	60	.87	310	61	.85	221	59.5	[11] .90	30
						15	60	.51	31
									32
13	60	.74½	[2] 15	59.7	[2] .81½				33
24	60	.87½	27	59.4	.87	20	60	.92	34
274	60	.86½	[2] 356	60.8	[2] .85	274	59.9	[11] .88	35
			26	62	.84½				36
						10	60	.87	37
									38
			[13] 1	59	[13] .75				39
						1	59	1.00	40
						1	66	1.00	41
						3	60	.84	42
13	60	.81½							43
5	60	.96	5	59	1.01	3	60	.85	44

[8] Including 3 boys.
[9] Hours reported for 2,271 employees only.
[10] Hours reported for 437 employees only.
[11] 1 employee shares also in profits.
[13] Hours reported for 546 employees only.
[13] Boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Laborers, steam plow (concluded):				
1	Japanese	M.	118	60.6	$0.80
2	Do	F.			
3	Korean	M.			
4	Polish	M.	4	59	1.00
5	Porto Rican	M.			
6	Portuguese	M.	[1] 12	59.3	[1] .78
7	West Indian Negro	M.			
8	Total		[1] 143	60.5	[1] .80½
	Laborers, steam tug:				
9	Hawaiian	M.	3	59	1.30½
	Laborers, tramway:				
10	Portuguese	M.			
	Land clearers:				
11	Chinese	M.	118	[4] 59	.74
12	French	M.			
13	Japanese	M.	200	[7] 59	.80½
14	Korean	M.			
15	Porto Rican	M.			
16	Portuguese	M.			
17	Spanish	M.			
18	Total		318	[10] 59	.78
	Land preparers:				
19	Japanese	M.	25	([12])	.90
	Laundress:				
20	Japanese	F.			
	Lawyer:				
21	American	M.			
	Lime burners:				
22	Japanese	M.			
23	Korean	M.			
24	Portuguese	M.			
25	Total				
	Machinists:				
26	American	M.	12	59.8	[16] 4.35
27	Canadian	M.			
28	Chinese	M.			
29	English	M.	1	60	4.00
30	German	M.	3	59.7	3.15½
31	Hawaiian	M.			
32	Part-Hawaiian	M.	2	59.5	2.98
33	Japanese	M.	3	60	2.47½
34	Polish	M.			
35	Portuguese	M.			
36	Scotch	M.	2	59.5	4.49
37	Total		23	59.8	[16] 3.82½
	Machinists' apprentice:				
38	American	M.			
	Machinists' helpers:				
39	American	M.	2	60	2.58½
40	Austrian	M.			
41	Canadian	M.			

[1] Including 3 boys.
[2] Including 2 boys.
[3] Including 1 boy.
[4] Hours reported for 98 employees only.
[5] Irregular.
[6] Contract workers.
[7] Hours reported for 147 employees only.
[8] Hours reported for 17 employees only.
[9] Wages reported for 17 employees only.
[10] Hours reported for 245 employees only.
[11] Hours reported for 149 employees only.
[12] Wages reported for 176 employees only, including 27 contract workers.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
155	60	$0.86½	69	59.5	$0.83	123	60.1	$0.84	1
						1	59	.46	2
			2	59.5	.69				3
									4
6	60	.65½	2	59	.77	9	64.7	.85	5
[2] 26	60	[2] .85½	15	59.3	.89½	46	60.4	.84	6
4	60	.88½							7
[2] 209	60	[2] .85½	[3] 94	59.4	[3] .84½	187	60.4	.84	8
									9
6	60	1.00							10
9	60	.69				3	60	.87	11
			12	([5])	[6] 1.00				12
17	60	.93½	54	[8] 59.5	[9] .85	12	60	1.00	13
			15	57	.73				14
			15	([5])	[6] .85	2	60	.83	15
			116	59	.62	4	60	.97	16
			1	62.5	.81				17
26	60	.85	213	[11] 58.9	[12] .70	21	60	.96	18
70	60	.65½	125	[14] 59.6	[15] .67½				19
						1	59	.46	20
						1	([5])	2.88	21
						15	74.4	.96	22
						1	72	.73	23
2	60	1.53½	4	72	1.23½	4	72	1.54	24
2	60	1.53½	4	72	1.23½	20	73.8	1.06	25
13	60	[17] 4.56½	15	58.8	[18] 3.92½	15	61.4	4.33	26
1	60	[19] 4.00							27
						2	66	2.31	28
1	60	[20] 5.75	2	65	3.90	1	59	4.00	29
2	60	[21] 2.00	1	60	2.00	1	60	5.00	30
3	60	3.29½	2	53.5	1.57½	2	59.8	2.85	31
3	60	[21] 3.57	2	60.8	2.80½	1	60	5.75	32
6	60	2.08½	1	59.5	3.50	5	61.9	2.13	33
			1	48	1.54				34
5	60	1.86	1	59	2.30	6	63.3	2.18	35
2	60	[21] 4.50	1	59.5	4.75	1	60	3.83	36
36	60	[22] 3.46	26	58.7	[18] 3.44½	34	61.8	3.46	37
						1	60	1.75	38
2	60	2.01½	[3] 4	59.1	[3] 1.13½	11	62.5	1.05	39
						1	60	1.25	40
			[23] 1	59	[23] .57½				41

[13] Not reported.
[14] Hours reported for 100 employees only.
[15] Wages reported for 100 employees only, not including 25 who receive $35 per acre.
[16] 2 employees receive also board.
[17] 4 employees receive also board, and 2 receive also share of net profits.
[18] 3 employees receive also board, valued at $24 per month, and 2 receive also board. valued at $20 per month.
[19] Also board.
[20] Also share of net profits.
[21] 1 employee receives also board.
[22] See notes to details.
[23] Boy.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Machinists' helpers (concluded):				
1	Chinese	M.	2	59.5	$1.37½
2	Filipino	M.			
3	German	M.	[1] 3	60	[1] 1.41
4	Hawaiian	M.	3	59.7	1.28
5	Part-Hawaiian	M.	1	60	.69
6	Japanese	M.	30	59.8	.91
7	Korean	M.			
8	Norwegian	M.			
9	Polish	M.	1	60	.84½
10	Portuguese	M.	[4] 8	59.4	[4] 1.16
11	Scotch	M.	2	59	1.00
12	Spanish	M.			
13	Total	.....	[5] 52	59.7	[5] 1.08
	Mail boy:				
14	Japanese	M.			
	Manager:				
15	American	M.			
	Masons:				
16	American	M.	4	59.3	[8] 7.25
17	English	M.	1	59	[9] 8.00
18	German	M.	2	59.5	3.92½
19	Hawaiian	M.	1	60	2.00
20	Irish	M.	1	60	8.00
21	Japanese	M.	34	59	.97
22	Porto Rican	M.			
23	Portuguese	M.	23	59.7	2.23½
24	Spanish	M.			
25	Swedish	M.	2	60	8.00
26	Total	.....	68	59.4	[11] 2.28
	Masons' helpers:				
27	American	M.	1	60	1.00
28	German	M.			
29	Hawaiian	M.			
30	Japanese	M.	75	59.8	.87½
31	Do	F.			
32	Norwegian	M.			
33	Porto Rican	M.			
34	Portuguese	M.	8	59.9	.96½
35	Spanish	M.			
36	Total	.....	84	59.8	.88½
	Master mechanic:				
37	English	M.			
	Nurses, day nursery:				
38	Japanese	M.			
39	Do	F.			
40	Total	.....			
	Nurses, hospital:				
41	American	M.			
42	Do	F.			
43	American Negro	M.			
44	German	F.			
45	Hawaiian	F.			
46	Japanese	M.	13	[14] 84	[9] .83½
47	Do	F.	1	([15])	[9] .49½

[1] Including 1 boy.
[2] Boy.
[3] Hours reported for 34 employees only.
[4] Including 2 boys.
[5] Including 3 boys.
[6] Including 5 boys.
[7] Hours reported for 72 employees only.
[8] 1 employee receives also board.
[9] Also board.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	60	$0.96	1	60	$1.00	2	65.5	$1.64	1
						1	66	.92	2
			[2] 1	59	[2] .84½	1	72	.69	3
3	60	1.68	4	59.6	1.06	4	60	1.08	4
									5
14	60	1.13½	15	58.9	1.19½	37	[3] 61.6	1.03	6
						2	59	.96	7
1	60	1.34½	1	59	1.72½				8
									9
4	60	1.32½	[4] 11	59.4	[4] 1.02½	16	61	1.13	10
1	60	2.50							11
1	60	1.25							12
27	60	1.34½	[5] 38	59.2	[5] 1.11	75	[7] 61.7	1.07	13
						1	70	.79	14
						1	60	7.67	15
			2	60	7.33½	6	66	2.33	16
									17
2	60	3.35½	4	59	3.05	2	59.5	3.92	18
2	60	2.00							19
									20
8	60	1.68½	1	59	2.25	22	61.1	1.35	21
						2	60	1.00	22
23	60	1.76½	18	[10] 59.3	1.74	17	61.5	1.84	23
						1	60	2.11	24
									25
35	60	1.85½	25	[12] 59.3	2.42	50	61.7	1.74	26
						1	59	.58	27
2	60	.84½	1	59	.84½	1	60	.92	28
						3	60	.87	29
17	60	.78	16	59.3	.86	59	61.9	.85	30
						1	66	.58	31
			[2] 1	59	[2] .57½				32
2	60	.84½				1	60	.84	33
16	60	1.08	8	59.5	1.21	19	59.7	.92	34
						1	60	1.00	35
37	60	.91½	[1] 26	59.3	[1] .95½	86	61.3	.86	36
1	60	4.60							37
						2	60	1.34	38
			3	59	.55	4	60	.58	39
			3	59	.55	6	60	.83	40
						1	60	2.88	41
4	70	[9] 1.85	[13] 4	70	[13] 1.56	4	66	2.21	42
1	70	[9] .85½							43
			1	70	1.97½				44
						3	72	1.20	45
16	[15] 71	[9] .72	24	[16] 75	[17] .79	11	67	1.07	46
			4	80.5	.45½	8	67.9	.51	47

[10] Hours reported for 16 employees only.
[11] 2 employees receive also board.
[12] Hours reported for 23 employees only.
[13] Including 1 girl.
[14] Hours reported for 4 employees only.
[15] Hours reported for 14 employees only.
[16] Hours reported for 20 employees only.
[17] 3 employees receive also board, valued at $10 per month.
[18] Irregular.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Nurses, hospital (concluded):				
1	Portuguese	M.	1	[1]	[2] $0.66
2	Do.	F.			
3	Scotch	M.	1	[1]	[2] 1.97½
4	Do.	F.			
5	Total		16	[3] 84	[2] .87½
	Office boys:				
6	Chinese	M.			
7	Japanese	M.			
8	Do.	F.			
9	Porto Rican	M.			
10	Portuguese	M.			
11	Total				
	Office cleaners:				
12	Japanese	F.			
	Oilers, car:				
13	Chinese	M.			
14	Filipino	M.			
15	German	M.			
16	Hawaiian	M.			
17	Japanese	M.			
18	Portuguese	M.			
19	Total				
	Oilers, centrifugal:				
20	Japanese	M.			
	Oilers, mill:				
21	Chinese	M.			
22	Hawaiian	M.			
23	Japanese	M.			
24	Porto Rican	M.			
25	Portuguese	M.			
26	Total				
	Oilers, pump:				
27	Chinese	M.	10	84	.79½
28	German	M.			
29	Hawaiian	M.	4	72	.77
30	Part-Hawaiian	M.			
31	Japanese	M.	61	82.3	.77
32	Portuguese	M.			
33	Total		75	82	.77½
	Overseers:				
34	American	M.	53	[15] 59.5	[16] 2.57
35	Australian	M.	1	60	2.30
36	Austrian	M.	2	59.5	2.39½
37	Boer	M.	1	60	2.49
38	Canadian	M.	2	60	3.24
39	Chinese	M.	32	59.3	1.18½
40	Danish	M.	1	59	2.30
41	English	M.	9	59.7	2.53
42	French	M.	2	62.7	2.49½
43	German	M.	54	[21] 59.3	[22] 2.32

[1] Irregular.
[2] Also board.
[3] Hours reported for 4 employees only.
[4] Hours reported for 20 employees only.
[5] Including 1 girl.
[6] Hours reported for 30 employees only.
[7] See notes to details.
[8] Hours reported for 69 employees only.
[9] Hours reported for 79 employees only.
[10] Boy.
[11] Hours reported for 50 employees only.
[12] Including 1 boy.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905.			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
									1
						1	84	$0.46	2
									3
1	70	[2] $1.31½	1	70	$1.31½				4
22	[4] 70.7	[2] .96	[5] 34	[6] 74.7	[7] .89	28	68	1.13	5
1	60	.17½							6
			1	60	.69	9	61.2	.84	7
1	60	.57½				1	60	.29	8
									9
						3	62.8	1.40	10
2	60	.37½	1	60	.69	13	61.5	.93	11
						2	15	.34	12
			1	59	.77	2	59.8	.92	13
						2	72	.79	14
			1	65	1.15½				15
			5	64.4	.85½	2	60	1.09	16
2	60	.84½	7	61.1	.78	18	65.2	.87	17
			5	60.5	.87½	7	61.7	.97	18
2	60	.84½	19	61.9	.84½	31	64.2	.91	19
						2	72	.94	20
5	72	1.15	6	71.5	.88	2	59	.85	21
2	72	.88½	1	72	.84½	1	78	1.32	22
7	72	.93½	73	70.2	.82½	70	[8] 71.8	.91	23
			2	72	.85½	2	78	.89	24
			6	70.1	.94	5	72	1.21	25
14	72	1.00½	88	70.4	.83½	80	[9] 71.7	.93	26
			17	64.9	1.06½	13	65.5	.85	27
			1	72	1.00	1	84	1.54	28
2	84	.85½	1	69	.90	2	72	1.08	29
			[10] 1	84	[10] .59				30
39	84	.77½	52	[11] 76.1	.83½	45	75.2	.90	31
			[12] 4	75	[12] .90½	4	60	.96	32
41	84	.78	[13] 76	[14] 73.4	[13] .92½	65	72.4	.91	33
97	60	[17] 2.54½	76	59.5	[18] 2.60	96	[19] 59.8	3.01	34
			2	59	2.58½				35
2	60	2.39½	3	59.3	2.04½				36
									37
2	60	3.64½	3	59.5	4.09	1	59.5	5.75	38
24	60	1.18½	11	59.7	1.20	11	59.8	1.46	39
3	60	3.00½	4	59.4	[18] 2.01	1	59.5	2.49	40
9	60	2.95½	11	59.6	[20] 2.75½	19	59.8	2.96	41
3	60	2.43	2	59.5	2.78	1	60	2.30	42
54	60	[23] 2.27	46	61.2	2.84	29	59.8	2.83	43

[13] Including 2 boys.
[14] Hours reported for 74 employees only.
[15] Hours reported for 51 employees only.
[16] 3 employees receive also share of net profits.
[17] 2 employees receive also share of net profits.
[18] 1 employee receives also board, valued at $20 per month.
[19] Hours reported for 94 employees only.
[20] 4 employees receive also board, valued at $20 per month.
[21] Hours reported for 45 employees only.
[22] 1 employee receives also share of net profits.
[23] 1 employee receives also board, and 1 receives also share of net profits.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Overseers (concluded):				
1	Greek	M.			
2	Guam Islander	M.			
3	Hawaiian	M.	40	59.1	[1] $1.44
4	Part-Hawaiian	M.	22	[2] 60	1.98
5	Hawaiian, white	M.	2	[4] 59	2.87½
6	Irish	M.	4	[5] 60	3.02
7	Italian	M.	2	[4] 60	2.49½
8	Japanese	M.	66	[6] 59.4	1.18
9	Korean	M.			
10	New Zealander	M.	1	60	2.30
11	Norwegian	M.	13	[7] 60	2.53
12	Polish	M.			
13	Porto Rican	M.	1	59	1.15½
14	Portuguese	M.	154	[9] 59.5	[1] 1.69½
15	Russian	M.	1	59	2.30
16	Scotch	M.	33	[11] 59.2	[12] 2.48½
17	South American	M.			
18	Spanish	M.	3	59.3	2.04½
19	Swedish	M.	4	[5] 59.3	2.73
20	Swiss	M.			
21	Welsh	M.			
22	Total	.....	503	[15] 59.6	[16] 1.87½
	Overseers, assistant:				
23	American	M.			
24	Chinese	M.			
25	Filipino	M.			
26	Galician	M.			
27	German	M.			
28	Hawaiian	M.			
29	Part-Hawaiian	M.			
30	Japanese	M.			
31	Korean	M.			
32	Norwegian	M.			
33	Porto Rican	M.			
34	Portuguese	M.			
35	Russian	M.			
36	Scandinavian	M.			
37	Scotch	M.			
38	Spanish	M.			
39	Swedish	M.			
40	Total	.....			
	Overseers, division:				
41	American	M.			
	Overseers, field:				
42	American	M.			
43	German	M.			
44	Hawaiian	M.			
45	Japanese	M.			
46	Norwegian	M.			
47	Portuguese	M.			
48	Total	.....			

[1] 2 employees receive also share of net profits.
[2] 3 employees receive also share of net profits.
[3] Hours reported for 21 employees only.
[4] Hours reported for 1 employee only.
[5] Hours reported for 3 employees only.
[6] Hours reported for 65 employees only.
[7] Hours reported for 12 employees only.
[8] 2 employees receive also board, valued at $20 per month.
[9] Hours reported for 153 employees only.
[10] 1 employee receives also board, and 1 receives also share of net profits.
[11] Hours reported for 32 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			2	59	$1.29½				1
			1	59	2.11	1	60	$2.11	2
73	60	[3] $1.57	76	59.8	1.60	63	60.6	1.64	3
5	60	2.34	12	60.8	2.01½	9	60.4	2.64	4
									5
2	60	2.58½	1	59	2.22½	1	59	3.07	6
			1	62.5	1.53½	1	60	1.92	7
103	60	1.24	64	59.7	1.23½	83	60.2	1.25	8
			2	59.5	1.15	1	60	1.00	9
1	60	2.30							10
9	60	2.53½	14	59.5	[8] 1.94½	4	59.3	2.35	11
4	60	1.53½	3	59	1.16½	1	59	1.15	12
11	60	1.16½	6	59.2	1.48½	3	59.7	1.79	13
164	60	[10] 1.62½	197	59.4	1.65	182	59.9	1.78	14
			3	59	1.34½				15
23	60	[13] 2.44	38	59.2	[14] 2.76	29	60.4	3.00	16
1	60	2.30							17
2	60	1.91½							18
3	60	2.43	4	59.9	2.30	1	60	2.49	19
			1	59	2.30				20
1	60	2.30							21
596	60	[16] 1.83½	583	59.6	[16] 1.94	537	[17] 60.1	2.03	22
1	60	[18] 2.30	7	60	2.24½	9	59.1	2.06	23
			9	59.7	1.21½	5	[19] 59.9	1.30	24
						3	60	.89	25
						1	60	1.34	26
2	60	3.54½				2	59.8	2.40	27
5	60	[2] 1.72½	12	60	1.43	22	59.9	1.35	28
1	60	1.72½							29
1	60	.77	34	60.1	1.09½	62	59.9	1.17	30
			2	59	1.03½				31
1	60	2.22½				1	60	2.49	32
			1	60	1.53½	4	60	1.39	33
9	60	1.68½	46	59.8	1.41	72	[20] 59.9	1.54	34
1	60	2.30				1	60	2.30	35
						1	60	2.88	36
1	60	2.49				3	58.7	2.55	37
						1	60	1.15	38
						1	60	2.49	39
22	60	[21] 1.94	111	59.9	1.34½	188	[22] 59.8	1.44	40
						3	59	4.41	41
						11	60	2.71	42
						1	60	2.45	43
						1	60	1.53	44
						6	60	1.18	45
						1	60	2.45	46
						10	60	1.32	47
						30	60	1.88	48

[12] 1 employee receives also share of net profits.
[13] 1 employee receives also board.
[14] 1 employe receives also board, valued at $20 per month.
[15] Hours reported for 483 employees only.
[16] See notes to details.
[17] Hours reported for 535 employees only.
[18] Also share of net profits.
[19] Hours reported for 4 employees only.
[20] Hours reported for 69 employees only.
[21] 4 employees receive also share of net profits.
[22] Hours reported for 184 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages. per day.
	Overseers, head:				
1	American	M.	9	[1] 60	[2] $6.71
2	Canadian	M.	4	(4)	6.71
3	Chinese	M.	.....	.....	.....
4	Danish	M.	1	(4)	9.58½
5	English	M.	2	(4)	4.21½
6	French	M.	1	(4)	7.67
7	German	M.	3	(4)	5.32½
8	Part-Hawaiian	M.	.....	.....	.....
9	Hawaiian, white	M.	2	[1] 59	[3] 5.75
10	Irish	M.	.....	.....	.....
11	Italian	M.	.....	.....	.....
12	New Zealander	M.	1	(4)	6.71
13	Norwegian	M.	3	(4)	7.03
14	Portuguese	M.	.....	.....	.....
15	Russian	M.	.....	.....	.....
16	Scandinavian	M.	.....	.....	.....
17	Scotch	M.	11	(4)	6.79
18	Swedish	M.	.....	.....	.....
19	Total	.....	37	[5] 59.5	[6] 6.56½
	Overseers, head, assistant:				
20	American	M.	3	(4)	4.47
21	English	M.	2	(4)	5.75
22	German	M.	8	(4)	6.25½
23	Part-Hawaiian	M.	1	(4)	4.21½
24	Polish	M.	.....	.....	.....
25	Scotch	M.	4	(4)	3.78½
26	Swedish	M.	.....	.....	.....
27	Total	.....	18	(4)	5.24
	Overseer, mill:				
28	American	M.	.....	.....	.....
	Overseers, portable track:				
29	American	M.	.....	.....	.....
30	English	M.	.....	.....	.....
31	Portuguese	M.	.....	.....	.....
32	Total	.....	.....	.....	.....
	Overseer, railroad laborers:				
33	Japanese	M.	.....	.....	.....
	Overseers, ranch:				
34	American	M.	.....	.....	.....
35	Hawaiian	M.	.....	.....	.....
36	Portuguese	M.	.....	.....	.....
37	Total	.....	.....	.....	.....
	Overseers, steam plow:				
38	American	M.	4	[5] 66.7	4.84
39	Danish	M.	.....	.....	.....
40	English	M.	5	[5] 59.7	[3] 5.59½
41	German	M.	3	[1] 60	4.73
42	Hawaiian	M.	1	(4)	3.45
43	Japanese	M.	1	65	1.15½
44	Norwegian	M.	5	[12] 59.8	[2] 4.02½

[1] Hours reported for 1 employee only.
[2] 1 employee receives also share of net profits.
[3] 1 employee receives also board, and 3 receive also share of net profits.
[4] Irregular.
[5] Hours reported for 3 employees only.
[6] Not reported.
[7] 1 employee receives also board, valued at $20 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
22	60	[8] $6.20	20	59.8	$5.56	30	61.9	$7.01	1
2	60	6.23	3	58.5	5.64½	3	60	6.33	2
1	60	5.75	.....	.....	.....	.....	.....	.....	3
1	60	5.75	.....	.....	.....	.....	.....	.....	4
2	60	7.66½	3	60.2	6.63	4	[9] 60.5	7.67	5
2	60	5.36½	2	59	5.65½	1	(9)	5.75	6
6	60	6.75	10	63.4	6.80½	14	57.4	6.82	7
1	60	9.58½	1	62	4.79	1	60	5.75	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	1	59	6.71	10
.....	.....	.....	1	60	5.75	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	12
1	60	5.75	3	59	6.00½	.....	.....	.....	13
1	60	3.45	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	1	60	5.75	1	60	6.71	15
.....	.....	.....	.....	.....	.....	1	60	6.71	16
16	60	6.68	16	59.3	[7] 6.18	8	59.8	5.95	17
1	60	7.67	.....	.....	.....	.....	.....	.....	18
56	60	[8] 6.43	60	60.2	[7] 6.01	64	[10] 60.3	6.79	19
9	60	[2] 4.62	.....	.....	.....	.....	.....	.....	20
1	60	5.75	.....	.....	.....	.....	.....	.....	21
8	60	4.96	.....	.....	.....	.....	.....	.....	22
2	60	4.50½	.....	.....	.....	.....	.....	.....	23
1	60	4.79	.....	.....	.....	.....	.....	.....	24
7	60	4.38	.....	.....	.....	.....	.....	.....	25
2	60	3.64½	.....	.....	.....	.....	.....	.....	26
30	60	[2] 4.62½	.....	.....	.....	.....	.....	.....	27
1	60	[11] 6.71	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	1	59	2.49	29
.....	.....	.....	.....	.....	.....	1	59	2.68	30
.....	.....	.....	.....	.....	.....	1	59	2.49	31
.....	.....	.....	.....	.....	.....	3	59	2.55	32
.....	.....	.....	.....	.....	.....	1	59	1.53	33
.....	.....	.....	1	59	9.58½	3	60	5.17	34
.....	.....	.....	.....	.....	.....	5	60	1.73	35
.....	.....	.....	.....	.....	.....	2	60	1.55	36
.....	.....	.....	1	59	9.58½	10	60	2.73	37
1	60	[11] 4.79	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	1	62	4.79	.....	.....	.....	39
2	60	6.71	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	1	59	4.41	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	1	60	1.73	42
.....	.....	.....	1	60	1.75	2	59.8	1.77	43
.....	.....	.....	.....	.....	.....	1	60	5.37	44

[8] Hours reported for 2 employees only.
[9] 2 employees receive also share of net profits.
[10] Hours reported for 62 employees only.
[11] Also share of net profits.
[12] Hours reported for 4 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Overseers, steam plow (concluded):				
1	Portuguese	M.	1	(1)	$3.83½
2	Scotch	M.	1	60	4.79
3	Total	.....	21	[2] 61.8	[3] 4.52
	Overseers, steam plow, assistant:				
4	German	M.	1	60	2.87½
5	Portuguese	M.	2	[5] 60	1.82
6	Total	.....	3	[6] 60	2.17
	Overseers, stock:				
7	German	M.	1	(1)	2.30
8	Japanese	M.	.....	.....	.....
9	Total	.....	1	(1)	2.30
	Overseer, tunnel:				
10	American	M.	.....	.....	.....
	Pack-train men:				
11	Japanese	M.	90	62.9	.68
12	Portuguese	M.	4	60	1.00
13	Total	.....	94	62.8	.69½
	Painters:				
14	American	M.	1	60	3.50
15	Chinese	M.	7	59.3	1.11
16	English	M.	.....	.....	.....
17	Filipino	M.	.....	.....	.....
18	German	M.	2	58	3.50
19	Hawaiian	M.	2	59.5	1.50
20	Part-Hawaiian	M.	1	60	2.50
21	Japanese	M.	20	58.8	.96½
22	Porto Rican	M.	.....	.....	.....
23	Portuguese	M.	1	60	1.00
24	Spanish	M.	1	60	.92½
25	Total	.....	35	59.1	1.28½
	Painter's helpers:				
26	Hawaiian	M.	.....	.....	.....
	Parasite tenders:				
27	American	M.	.....	.....	.....
28	Japanese	M.	.....	.....	.....
29	Total	.....	.....	.....	.....
	Physicians:				
30	American	M.	.....	.....	.....
31	Canadian	M.	.....	.....	.....
32	German	M.	.....	.....	.....
33	Scotch	M.	.....	.....	.....
34	Total	.....	.....	.....	.....
	Pipe fitters:				
35	German	M.	.....	.....	.....
36	Japanese	M.	.....	.....	.....
37	Portuguese	M.	.....	.....	.....
38	Total	.....	.....	.....	.....
	Pipe fitters' helpers:				
39	Italian	M.	.....	.....	.....
40	Japanese	M.	.....	.....	.....
41	Total	.....	.....	.....	.....

[1] Irregular.
[2] Hours reported for 13 employees only.
[3] 2 employees receive also share of net profits.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	60	$3.26	.....	.....	.....	2	63	$2.83	1
1	60	4.60	.....	.....	.....	.....	.....	.....	2
5	60	[4] 5.21½	3	60.3	$3.65	6	60.9	2.72	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	6
1	60	2.87½	.....	.....	.....	.....	.....	.....	7
1	60	1.15½	.....	.....	.....	.....	.....	.....	8
2	60	2.01½	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	1	60	1.72½	.....	.....	.....	10
2	66	.77	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	12
2	66	.77	.....	.....	.....	.....	.....	.....	13
3	60	2.29	.....	.....	.....	1	66	3.00	14
.....	.....	.....	.....	.....	.....	6	60.2	1.23	15
.....	.....	.....	.....	.....	.....	1	60	3.00	16
1	60	1.25	.....	.....	.....	2	62.5	.96	17
1	60	1.25	1	62.5	1.25	.....	.....	.....	18
8	60	1.90½	12	60.5	1.51	7	60.7	1.47	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	20
15	60	1.05½	8	59.5	.92½	13	61.7	1.03	21
1	60	1.00	.....	.....	.....	.....	.....	.....	22
1	60	2.00	13	61.8	1.02	3	60	1.33	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	24
30	60	1.45	34	60.8	1.18	33	61.2	1.30	25
.....	.....	.....	.....	.....	.....	2	60	1.25	26
.....	.....	.....	.....	.....	.....	1	60	1.92	27
.....	.....	.....	1	59.5	.70	9	59.8	.75	28
.....	.....	.....	1	59.5	.70	10	59.8	.87	29
.....	.....	.....	.....	.....	.....	4	[5] 60	6.77	30
.....	.....	.....	.....	.....	.....	2	(1)	6.33	31
.....	.....	.....	.....	.....	.....	1	(1)	6.03	32
.....	.....	.....	.....	.....	.....	1	(1)	5.75	33
.....	.....	.....	.....	.....	.....	8	[5] 60	6.44	34
.....	.....	.....	1	72	1.53⅓	.....	.....	.....	35
.....	.....	.....	2	66	1.42½	6	64	1.28	36
.....	.....	.....	.....	.....	.....	1	59.5	1.00	37
.....	.....	.....	3	68	1.46	7	63.4	1.24	38
.....	.....	.....	.....	.....	.....	1	60	1.00	39
.....	.....	.....	1	72	77	2	59.5	.81	40
.....	.....	.....	1	72	77	3	59.8	.87	41

[4] 1 employee receives also share of net profits.
[5] Hours reported for 1 employee only.
[6] Hours reported for 2 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Pipe fitter, mill:				
1	Portuguese	M.			
	Pipe fitters and plumbers:				
2	American	M.			
3	Chinese	M.			
4	Hawaiian	M.			
5	Japanese	M.			
6	Portuguese	M.			
7	Total				
	Pipe men:				
8	Hawaiian	M.			
	Plumber:				
9	German	M.			
	Policemen:				
10	American	M.	2	[2] 84	$2.54½
11	American Negro	M.			
12	Chinese	M.			
13	German	M.			
14	Hawaiian	M.	3	[4] 84	1.42½
15	Japanese	M.			
16	Norwegian	M.			
17	Portuguese	M.			
18	Scotch	M.			
19	Total		5	[8] 84	1.87½
	Printer:				
20	Chinese	M.			
	Pump men:				
21	Hawaiian	M.	[11] 1	84	[11] .42½
22	Japanese	M.			
23	Portuguese	M.			
24	Total		[11] 1	84	[11] .42½
	Ram men:				
25	Japanese	M.			
	Ranchmen:				
26	American	M.			
27	Hawaiian	M.			
28	Japanese	M.			
29	Portuguese	M.			
30	Scandinavian	M			
31	Total				
	Repair-men, pump:				
32	Japanese	M.			
	Reservoir men:				
33	American	M.			
34	Chinese	M.			
35	German	M.	2	[2] 71	1.92½
36	Hawaiian	M.	1	(1)	.61½
37	Japanese	M.	29	[14] 73.8	.78½
38	Korean	M.			
39	Portuguese	M.	2	77.5	1.46½
40	Total		34	[18] 73.9	.88½

[1] Irregular.
[2] Hours reported for 1 employee only.
[3] Hours reported for 7 employees only.
[4] Hours reported for 2 employees only.
[5] 3 employees receive additional salary from the government.
[6] 1 employee works only 3 hours per day, 6 days per week.
[7] 1 employee receives also additional salary from the government.
[8] Hours reported for 3 employees only.
[9] Hours reported for 14 employees only.
[10] Hours reported for 21 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
						1	59	$2.12	1
						4	61.4	2.50	2
						3	68.9	1.30	3
			1	60	$2.87½				4
						2	59.5	1.45	5
						1	60	1.53	6
			1	60	2.87½	10	63.1	1.83	7
2	60	$1.96½							8
1	(1)	1.72½							9
1	70	3.12½	3	79.3	3.18	8	[3] 66.3	2.86	10
1	70	2.30							11
						1	70	.99	12
			3	71.7	2.13½	3	63.3	2.47	13
7	72	[5] .98½	6	[6] 68.3	[7] 1.83	8	[3] 75.1	2.05	14
1	70	1.15	1	84	.98½				15
			1	(1)	2.68½				16
			1	84	.98½	2	78	1.40	17
						1	60	2.30	18
10	71.4	[5] 1.35	15	[9] 73.6	[7] 2.10½	23	[10] 69.8	2.30	19
						1	59	1.00	20
						1	84	.99	21
			4	84	.98½	32	82.1	1.03	22
						4	60	1.53	23
			4	84	.98½	37	79.8	1.08	24
						2	59	1.25	25
						1	70	1.07	26
			18	70	[12] .68	21	52.5	[13] 1.43	27
						3	60	.74	28
						6	61.7	.84	29
						2	60	1.20	30
			18	70	[12] .68	33	55.8	[13] 1.23	31
			2	72	1.25	7	60	1.28	32
			1	84	2.96				33
			3	62.2	1.00	2	60	1.00	34
1	70	2.30	1	(1)	1.15				35
1	70	1.15	1	.70	1.15	2	84	1.15	36
35	67.4	.91½	32	62.5	[15] .86½	108	[16] 64.3	[17] .96	37
						4	60	1.00	38
2	70	1.08½	4	70	1.52	3	68	1.09	39
39	67.7	.96½	42	[19] 63.9	[15] 1.00	119	[20] 65	[17] .96	40

[11] Boy
[12] Also board, valued at $6 per month.
[13] 6 employees receive also board.
[14] Hours reported for 27 employees only.
[15] 1 employee receives also bonus of $2 per month.
[16] Hours reported for 107 employees only.
[17] 24 employees share also in profits.
[18] Hours reported for 30 employees only.
[19] Hours reported for 41 employees only.
[20] Hours reported for 118 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Riggers:				
1	American	M.			
2	Hawaiian	M.			
3	Japanese	M.			
4	Scotch	M.			
5	Total				
	Riggers, sawmill:				
6	American	M.	2	60	$3.25
	Riveters:				
7	Japanese	M.	14	59	1.00
	Sanitary inspectors:				
8	American	M.			
9	English	M			
10	Total				
	Sawyer, sawmill:				
11	American	M.	1	60	4.00
	Sawyer, sawmill, assistant:				
12	American	M.	1	60	2.50
	School-teachers:				
13	American	(1)			
14	German	M.			
15	Japanese	M.			
16	Total				
	Seed cutters:				
17	Japanese	M.	113	(1)	.93½
	Seed cutters and planters:				
18	Chinese	M.	25	(1)	1.00
	Seed planters:				
19	Japanese	M.	21	(1)	1.10
	Shaft diggers:				
20	American	M.	13	60	4.25
21	Chinese	M.			
22	English	M.	2	60	5.00
23	Hawaiian	M.	10	60	1.25
24	Irish	M.	4	60	5.00
25	Japanese	M.	142	58.3	1.25
26	Portuguese	M.	4	54	1.16½
27	Total		175	58.5	1.60
	Shaft diggers' helpers:				
28	Part-Hawaiian	M.	2	60	.77
29	Japanese	M.	15	60	.97
30	Portuguese	M.	2	60	.77
31	Total		19	60	.92½
	Sheep herders:				
32	Chinese	M.			
33	Japanese	M.			
34	Do	F.			
35	Portuguese	M.			
36	Total				
	Skidway man, sawmill:				
37	German	M	1	60	2.50
	Soda-water department hands:				
38	Japanese	M.			

[1] Not reported.
[2] Hours reported for 6 employees only.
[3] 3 employees receive one-half of salary from parents of children.
[4] Hours reported for 8 employees only.
[5] Wages reported for 311 employees only, not including 8 employees who receive $3 per foot.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	60	$3.00	.....	.....	.....	.....	.....	.....	1
1	63	1.15½	.....	.....	.....	.....	.....	.....	2
1	60	2.30	2	59	$1.17½	.....	.....	.....	3
1	60	3.25	.....	.....	.....	.....	.....	.....	4
4	60.8	2.42½	2	59	1.17½	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	1	30	$3.06	8
.....	.....	.....	.....	.....	.....	1	59.5	3.07	9
.....	.....	.....	.....	.....	.....	2	44.8	3.07	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	1	(1)	.38	13
.....	.....	.....	.....	.....	.....	2	24	.96	14
.....	.....	.....	2	(1)	1.24½	9	[2] 38	[3] .99	15
.....	.....	.....	2	(1)	1.24½	12	[4] 34.5	[3] .93	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	20
20	60	1.25	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	24
319	60	[5] 1.24½	45	[6] 84	[7] .75	30	48	1.00	25
1	60	1.07½	3	60	.97½	.....	.....	.....	26
340	60	[8] 1.24½	48	[9] 79.5	[10] .79	30	48	1.00	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	1	70	.66	32
.....	.....	.....	6	69	.78	6	65.3	.85	33
.....	.....	.....	.....	.....	.....	1	70	.39	34
.....	.....	.....	.....	.....	.....	1	70	.62	35
.....	.....	.....	6	69	.78	9	66.8	.75	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	4	59.5	1.07	38

[6] Hours reported for 13 employees only.
[7] Wages reported for 13 employees only (contract workers).
[8] Wages reported for 332 employees only, not including 8 employees who receive $3 per foot.
[9] Hours reported for 16 employees only.
[10] Wages reported for 16 employees only, 13 of whom are contract workers.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Stablemen:				
1	American	M.			
2	American Negro	M.			
3	Austrian	M.			
4	Chinese	M.	10	84	$0.81½
5	German	M.			
6	Guam Islander	M.	1	(1)	1.31½
7	Hawaiian	M.	[2] 13	73.8	[2] .72
8	Part-Hawaiian	M.	1	84	.85½
9	Japanese	M.	126	[4] 80.7	.74
10	Do	F.			
11	Korean	M.			
12	Polish	M.	2	84	.85½
13	Porto Rican	M.			
14	Portuguese	M.	[7] 26	81.8	[7] .87½
15	Total	.....	[10] 179	[11] 80.6	[10] .76½
	Steerers, steam plow:				
16	American	M.			
17	German	M.			
18	Hawaiian	M.	3	67	.82
19	Japanese	M.	40	60.7	.85
20	Korean	M.			
21	Polish	M.	2	59	1.00
22	Porto Rican	M.			
23	Portuguese	M.	1	59	1.00
24	Spanish	M.			
25	Total	.....	46	61	.86
	Stenographers:				
26	American	M.			
27	Do	F.			
28	Scotch	M.			
29	Total	.....			
	Steward:				
30	Chinese	M.			
	Stock herders:				
31	American	M.			
32	American Negro	M.			
33	Do	F.			
34	German	M.			
35	Hawaiian	M.	3	(1)	.94½
36	Japanese	M.			
37	Do	F.			
38	Porto Rican	M.			
39	Portuguese	M.	1	(1)	1.31½
40	Welsh	M.			
41	Total	.....	4	(1)	1.03½

[1] Irregular.
[2] Including 2 boys.
[3] Including 2 boys. One employee receives also board, valued at $18 per month.
[4] Hours reported for 123 employees only.
[5] Hours reported for 159 employees only.
[6] Hours reported for 212 employees only.
[7] Including 5 boys.
[8] Including 6 boys.
[9] Hours reported for 18 employees only.
[10] Including 7 boys.
[11] Hours reported for 175 employees only.
[12] Including 8 boys.
[13] Hours reported for 203 employees only.
[14] See notes to details.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	72	$1.34½	1	70	$2.79½	3	70	$1.88	1
			1	70	.96				2
						2	60	.92	3
5	72	.99	5	70	.96	10	62	1.05	4
1	72	2.87½							5
									6
17	72	.79½	[2] 14	70.4	[3] .84	5	63	.84	7
									8
210	72	.87	176	[5] 69.5	.84	227	[6] 68.1	.86	9
						1	59	.46	10
			3	65	.71½	3	74	.72	11
2	72	1.00							12
1	72	.77	2	70	.85	4	70	.73	13
[7] 39	72	[7] .99	[8] 20	[9] 67.3	[8] .93	27	66.9	1.04	14
[7] 276	72	[7] .89½	[12] 222	[13] 69.3	[14] .85½	282	[15] 67.7	.89	15
			1	59	1.25				16
2	60	1.15½	1	59	1.00				17
4	60	.84½	5	59.6	.95½	4	61.4	1.00	18
37	60.3	.94½	40	59.9	.91	41	60.1	.94	19
						1	60	1.00	20
									21
			4	61.5	[16] .73	1	60	1.00	22
11	60	1.06½	10	59.4	.90½	20	60.3	.99	23
						1	60	.84	24
54	60.2	.97	61	59.9	[16] .91	68	60.2	.96	25
1	66	3.83½	1	59.5	3.83½	6	57.9	3.87	26
			2	59.5	2.77½	1	60	2.70	27
						1	60	3.83	28
1	66	3.83½	3	59.5	3.13	8	58.4	3.72	29
						1	60	.96	30
1	70	.85½							31
			1	70	1.64½				32
			1	70	.66				33
			1	70	.85½				34
[17] 22	[18] 71.3	[17] .94½	23	[19] 73.9	1.01½	6	61.7	.93	35
12	[20] 72.8	[21] .75½	11	[20] 72.8	.80½	1	84	.76	36
			1	70	.45½				37
			[22] 1	77	[22] .57½				38
[17] 5	72.8	[17] .76	[23] 9	[24] 70	[23] .82½	4	60	.90	39
			1	59	2.11				40
[25] 40	[26] 71.8	[14] .86½	[27] 49	[28] 72.5	[27] .93½	11	63.1	.91	41

[15] Hours reported for 267 employees only.
[16] 3 employees receive also bonus of 50 cents for each full week worked.
[17] Including 1 boy.
[18] Hours reported for 21 employees only.
[19] Hours reported for 20 employees only.
[20] Hours reported for 5 employees only.
[21] 1 employee receives also board.
[22] Boy.
[23] Including 3 boys.
[24] Hours reported for 4 employees only.
[25] Including 2 boys.
[26] Hours reported for 32 employees only.
[27] Including 4 boys.
[28] Hours reported for 35 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Stock herders and butchers:				
1	German	M.			
2	Hawaiian	M.			
3	Japanese	M.			
4	Total				
	Stockmen:				
5	American	M.			
6	German	M.			
7	Hawaiian	M.			
8	Japanese	M.			
9	Scotch	M.			
10	Total				
	Storekeepers:				
11	American	M.			
12	Australian	M.			
13	Canadian	M.			
14	Chinese	M.			
15	English	M.			
16	German	M.			
17	Hawaiian	M.			
18	Part-Hawaiian	M.			
19	Japanese	M.			
20	New Zealander	M.			
21	Norwegian	M.			
22	Portuguese	M.			
23	Scotch	M.			
24	Total				
	Storekeepers' assistants:				
25	American	M.			
26	Chinese	M.			
27	Japanese	M.			
28	Korean	M.			
29	Portuguese	M.			
30	Scotch	M.			
31	Total				
	Sugar boilers:				
32	American	M.	7	71	[1] $5.61½
33	Austrian	M.	1	72	5.75
34	Canadian	M.	1	72	4.79
35	Chinese	M.	3	72	1.66
36	Danish	M.	1	72	5.75
37	English	M.	3	69.8	5.24
38	French	M.	1	72	4.98½
39	German	M.	12	[4] 71.9	5.68
40	Hawaiian	M.			
41	Part-Hawaiian	M.	3	71.3	4.98½
42	Hawaiian, white	M.	1	72	4.79
43	Irish	M.	1	72	7.67
44	Japanese	M.			
45	New Zealander	M.			
46	Portuguese	M.	1	72	3.83½
47	Scotch	M.	1	71	[5] 5.75
48	Welsh	M.	2	66	5.11½
49	Total		38	[6] 71.1	[2] 5.17½

[1] 1 employee receives also share of net profits.
[2] 2 employees receive also share of net profits.
[3] Not including 1 employee who receives $1,000 per crop.
[4] Hours reported for 7 employees only.
[5] Also receives share of net profits.
[6] Hours reported for 2 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
1	70	$2.63	.....	.....	.....	.....	.....	.....	1
3	70	1.00	.....	.....	.....	.....	.....	.....	2
1	70	.56	.....	.....	.....	.....	.....	.....	3
5	70	1.24	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	1	70	$3.29	1	62	$4.79	5
.....	.....	.....	1	70	2.63	.....	.....	.....	6
.....	.....	.....	1	70	1.97½	1	59	1.50	7
.....	.....	.....	.....	.....	.....	1	60	.77	8
1	70	4.60	.....	.....	.....	.....	.....	.....	9
1	70	4.60	3	70	2.63	3	60.3	2.35	10
20	60.6	4.69	18	69.1	[1] 4.16	15	64.6	5.96	11
.....	.....	.....	2	72	6.61½	.....	.....	.....	12
1	60	5.75	4	72	5.22½	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	1	72	1.92	14
6	60	4.74	3	67.7	[1] 5.43	2	63	6.04	15
.....	.....	.....	1	72	7.67	.....	.....	.....	16
3	60	3.19½	.....	.....	.....	1	62	1.92	17
.....	.....	.....	1	60	5.75	.....	.....	.....	18
.....	.....	.....	1	60	1.34	6	68	1.34	19
1	60	3.83½	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	1	54	3.83½	1	72	6.71	21
1	60	2.11	.....	.....	.....	2	66	2.03	22
2	60	4.69½	3	72	3.96	7	65.1	4.68	23
34	60.4	4.49½	34	68.8	[2] 4.58	35	65.6	4.48	24
1	60	2.49	.....	.....	.....	2	72	2.40	25
.....	.....	.....	.....	.....	.....	1	60	1.61	26
.....	.....	.....	.....	.....	.....	15	60.6	1.15	27
.....	.....	.....	.....	.....	.....	1	60	.96	28
.....	.....	.....	.....	.....	.....	5	62.4	1.70	29
.....	.....	.....	2	72	2.68½	1	72	2.68	30
1	60	2.49	2	72	2.68½	25	62.3	1.43	31
13	72	5.33½	17	71.4	[1] 5.41½	18	71.1	6.18	32
.....	.....	.....	1	72	6.71	.....	.....	.....	33
1	72	4.79	1	72	5.75	.....	.....	.....	34
.....	.....	.....	4	72	2.30	6	67.8	2.88	35
1	72	6.39	2	71.5	6.55	.....	.....	.....	36
6	72	[3] 5.65½	3	71	5.43	1	84	4.93	37
1	72	4.98½	1	72	4.98½	.....	.....	.....	38
13	72	5.94½	10	71.9	5.76½	8	68.8	5.90	39
1	72	[5] 6.39	.....	.....	.....	6	72	4.38	40
3	72	5.30	4	72	5.12½	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	42
1	72	4.98½	3	72	6.45½	.....	.....	.....	43
.....	.....	.....	1	60	1.91½	3	73.7	2.31	44
1	72	5.75	.....	.....	.....	.....	.....	.....	45
1	72	5.75	2	72	6.23	7	69.3	3.30	46
1	72	5.56	1	72	4.98½	3	[6] 72	[7] 4.30	47
3	72	[8] 4.69½	1	72	5.36½	1	72	7.67	48
46	72	[10] 5.56½	51	71.5	[1] 5.30	53	[11] 70.7	[12] 4.87	49

[7] Wages reported for 2 employees only.
[8] Not including 1 employee who receives $2,000 per crop.
[9] Hours reported for 33 employees only.
[10] See notes to details.
[11] Hours reported for 52 employees only.
[12] Wages reported for 52 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Sugar boilers, assistant:				
1	American	M.	3	71.3	$3.00½
2	Canadian	M.	1	72	3.83½
3	Chinese	M.	7	71	1.20
4	English	M.	1	71	[2] 3.45
5	German	M.	5	72	3.52½
6	Hawaiian	M.	2	68	.84½
7	Part-Hawaiian	M.	2	70	4.12
8	Irish	M.	1	72	2.87½
9	Japanese	M.	22	71.9	1.44½
10	Norwegian	M.	1	72	2.87½
11	Polish	M.			
12	Portuguese	M.	5	71.6	[4] 1.62
13	Scotch	M.	1	72	2.30
14	Welsh	M.			
15	Total		51	71.5	[5] 1.96½
	Sugar boiler and bookkeeper:				
16	American	M.			
	Sugar boilers and chemists:				
17	American	M.			
18	Danish	M.			
19	Dutch	M.			
20	German	M.			
21	Total				
	Sugar boilers' helpers:				
22	American	M.			
23	Chinese	M.			
24	Japanese	M.	6	68	1.22
25	Portuguese	M.			
26	Total		6	68	1.22
	Superintendent:				
27	German	M.			
	Superintendent, mill construction:				
28	American	M.	1	[7]	6.32½
	Superintendents, mill construction, assistant:				
29	American	M.	2	[8] 59	2.24½
30	English	M.	1	59	1.50
31	Total		3	[9] 59	1.99½
	Superintending engineers:				
32	American	M.			
33	English	M.			
34	Total				
	Superintendent, sawmill:				
35	American	M.	1	60	4.25
	Superintendents, store:				
36	American	M.	9	[10] 75	[4] 4.58
37	Australian	M.	1	[7]	[2] 4.79
38	English	M.	1	[7]	3.83½
39	Part-Hawaiian	M.	1	[7]	5.17½
40	Japanese	M.	1	[7]	2.87½
41	Portuguese	M.	2	72	3.96½
42	Scotch	M.	3	[7]	4.64
43	Total		18	[11] 74	[5] 4.43

[1] Including 1 boy.
[2] Receives also share of net profits.
[3] Hours reported for 54 employees only.
[4] 1 employee receives also share of net profits.
[5] 2 employees receive also share of net profits.
[6] Hours reported for 93 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
4	72	$2.63½	4	72	$4.74½	[1] 3	74.3	[1] $2.03	1
									2
13	72	1.58½	13	72	1.39½	28	69.9	1.28	3
2	72	3.54½							4
1	72	3.83½	1	72	4.79	1	78	1.97	5
1	72	3.83½	1	72	1.91½	2	69	1.00	6
			2	72	1.84½				7
									8
22	72	1.43½	26	72	1.14	57	[3] 69.8	1.21	9
									10
			1	72	3.26				11
10	72	[4] 1.61	5	72	2.18½	5	73.2	2.14	12
									13
1	72	5.36½							14
54	72	[4] 1.83	53	72	1.72½	[1] 96	[6] 72.4	[1] 1.31	15
						1	66	6.71	16
						1	72	6.71	17
						1	72	7.03	18
						1	72	7.67	19
						1	72	7.03	20
						4	72	7.11	21
						2	79	1.84	22
						4	79	1.00	23
						33	79	.86	24
						1	79	1.54	25
						40	79	.94	26
						1	59	9.58	27
									28
									29
									30
									31
2	72	9.96½							32
1	72	15.97½							33
3	72	11.97							34
									35
									36
									37
									38
									39
									40
									41
									42
									43

[7] Irregular.
[8] Hours reported for 1 employee only.
[9] Hours reported for 2 employees only.
[10] Hours reported for 4 employees only.
[11] Hours reported for 6 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Surveyors:				
1	American	M.	9	(1)	$6.58
2	Danish	M.	1	(1)	3.83½
3	German	M.	1	(1)	4.79
4	Hawaiian	M.	1	(1)	4.00
5	Part-Hawaiian	M.	1	(1)	2.30
6	Irish	M.			
7	Japanese	M.			
8	Norwegian	M.			
9	Portuguese	M.			
10	Total		13	(1)	5.70½
	Surveyors' assistants:				
11	American	M.			
12	Chinese	M.			
13	Hawaiian	M.			
14	Part-Hawaiian	M.			
15	Japanese	M.			
16	Portuguese	M.			
17	Total				
	Surveyors' helpers:				
18	American	M.	1	60	1.50
19	German	M.	[7] 1	(1)	[7] .57½
20	Hawaiian	M.	6	(1)	.84
21	Part-Hawaiian	M.	1	60	1.53½
22	Japanese	M.	11	[9] 65.5	.90
23	Portuguese	M.	4	[8] 72	1.02
24	Total		[11] 24	[12] 66.3	[11] .94
	Swampers:				
25	Hawaiian	M.			
26	Japanese	M.			
27	Porto Rican	M.			
28	Portuguese	M.			
29	Total				
	Teachers, kindergarten:				
30	American	F.			
31	Hawaiian	F.			
32	Japanese	M.			
33	Portuguese	F.			
34	Total				
	Teachers, kindergarten, assistant:				
35	Hawaiian	F.			
	Teamsters:				
36	Hawaiian	M.			
	Teamsters and cultivators:				
37	American	M.	2	65	1.63½
38	Austrian	M.	2	60	1.09½
39	Chinese	M.	29	66.2	.98½
40	Hawaiian	M.	[14] 193	61.6	[14] .86
41	Part-Hawaiian	M.	4	62.5	1.15½
42	Irish	M.			
43	Japanese	M.	963	[17] 61.4	.78½
44	Korean	M.			

[1] Irregular.
[2] 1 employee receives also board, valued at $20 per month.
[3] Also board.
[4] Hours reported for 2 employees only.
[5] 1 employee receives also board.
[6] Hours reported for 13 employees only.
[7] Boy.
[8] Hours reported for 3 employees only.
[9] Hours reported for 6 employees only.
[10] Hours reported for 4 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
10	(1)	$6.94	9	60.1	[2] $7.58½	9	62.7	$6.90	1
1	(1)	4.60	1	59	2.87½				2
			1	60	2.87½	1	60	4.79	3
			1	60	1.53½				4
									5
1	(1)	[3] 10.00							6
			1	59.5	2.30	3	[4] 59.8	1.96	7
1	(1)	7.67							8
1	(1)	4.23½	1	59.5	4.79	1	60	4.79	9
14	(1)	[5] 6.85	14	59.9	[2] 5.90½	14	[6] 66.4	5.54	10
1	(1)	3.83½							11
						1	60	1.50	12
						1	60	1.53	13
						1	60	1.92	14
			1	60	1.91½	3	60	1.78	15
						1	60	1.15	16
1	(1)	3.83½	1	60	1.91½	7	60	1.63	17
									18
									19
8	[8] 60	1.08	13	60	.92½	2	60	1.08	20
			6	61.5	.95	2	60	1.17	21
10	[10] 60	1.16	13	59.5	.93½	11	60	.93	22
[11] 3	(1)	[11] .93½	6	59.9	.97	2	60	1.00	23
[11] 21	[13] 60	[11] 1.10	38	60	.94	17	60	.98	24
						3	54	.67	25
			4	59	.77	4	59.8	.78	26
						2	54	.92	27
						15	54.4	.77	28
			4	59	.77	24	55.2	.77	29
2	30	3.12½	2	30	2.39½	2	25	2.98	30
						1	30	.12	31
						2	25	1.06	32
						3	26.7	.57	33
2	30	3.12½	2	30	2.39½	8	26.3	1.24	34
2	30	.62½							35
						8	54	1.00	36
2	66	1.39½				9	60	.90	37
									38
11	66	.99½	14	59.6	.94½	12	[12] 60	.96	39
389	66	.92	[15] 378	60.1	[15] .86	248	[16] 59.1	.91	40
2	66	1.34½							41
			1	59.5	1.00				42
1,143	66	.83	[18] 1,014	59.4	[18] .79	1,063	[19] 59.7	.87	43
			8	59	.72½	7	[20] 60	.80	44

[11] Including 1 boy.
[12] Hours reported for 11 employees only.
[13] Hours reported for 7 employees only.
[14] Including 4 boys.
[15] Including 9 boys.
[16] Hours reported for 242 employees only.
[17] Hours reported for 962 employees only.
[18] Including 2 boys.
[19] Hours reported for 1,029 employees only.
[20] Hours reported for 6 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Teamsters and cultivators (concluded):				
1	Polish	M.	16	59.4	$0.89
2	Porto Rican	M.			
3	Portuguese	M.	[2] 430	61	[2] .90½
4	South American	M.			
5	South Sea Islander	M.			
6	Spanish	M.	2	60	.73
7	Welsh	M.	1	59	2.11½
8	Total		[6] 1,642	[7] 61.3	[6] .83½
	Teamsters and cultivators' helpers:				
9	German	M.			
10	Hawaiian	M.			
11	Porto Rican	M.			
12	Portuguese	M.			
13	Total				
	Telephone exchange operators:				
14	Hawaiian	M.			
15	Portuguese	M.			
16	Total				
	Timekeepers:				
17	American	M.	12	[14] 59	3.21½
18	Austrian	M.			
19	Bohemian	M.	1	([16])	2.30
20	English	M.			
21	German	M.	2	[14] 60	3.98½
22	Hawaiian	M.	3	([16])	1.73
23	Part-Hawaiian	M.	2	[14] 60	2.08½
24	Hawaiian, white	M.	1	([16])	1.53½
25	Japanese	M.	1	([16])	1.53½
26	Norwegian	M.	1	([16])	3.06½
27	Polish	M.	1	([16])	3.83½
28	Portuguese	M.			
29	Scotch	M.	1	([16])	[17] 2.68½
30	Total		25	[19] 59.7	[17] 2.83½
	Timekeepers, assistant:				
31	American	M.	2	([16])	2.10
	Tinsmith:				
32	German	M.			
	Trash balers:				
33	Japanese	M.			
34	Do	F.			
35	Total				
	Waiter:				
36	Japanese	M.			
	Warehousemen:				
37	American	M.	2	[14] 59	3.45
38	Canadian	M.			
39	Chinese	M.			
40	English	M.			
41	German	M.	4	[19] 63.7	1.81½

[1] 1 employee receives also bonus of $2 for every 26 days worked.
[2] Including 12 boys.
[3] Including 19 boys.
[4] Including 28 boys.
[5] Hours reported for 534 employees only.
[6] Including 16 boys.
[7] Hours reported for 1,641 employees only.
[8] Including 39 boys.
[9] See notes to details.
[10] Hours reported for 1,921 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
8	66	$0.94½	15	59.7	$0.88	.....	.....	.....	1
29	66	.79½	47	59.5	[1] .81½	73	59.3	$0.94	2
[3] 545	66	[3] .95½	[4] 537	59.6	[4] .92½	542	[5] 59.1	.98	3
1	66	.84½	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	4	60	.80½	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	17	59.9	.95	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	7
[3] 2,130	66	[3] .88	[6] 2,018	59.6	[6] .84	1,971	[10] 59.4	.91	8
.....	.....	.....	.....	.....	.....	1	60	.58	9
.....	.....	.....	[11] 10	59	[11] .62	[11] 13	60	[11] .54	10
.....	.....	.....	.....	.....	.....	6	60	.82	11
.....	.....	.....	[11] 42	59.3	[11] .55½	[12] 22	60	[12] .63	12
.....	.....	.....	[11] 52	59.3	[11] .56½	[13] 42	60	[13] .63	13
.....	.....	.....	.....	.....	.....	1	72	.54	14
.....	.....	.....	.....	.....	.....	1	72	.54	15
.....	.....	.....	.....	.....	.....	2	72	.54	16
14	60	[15] 3.09½	16	61.4	3.51	16	59.4	3.74	17
1	60	2.68½	1	60	2.87½	1	60	5.37	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	19
2	60	[17] 2.68½	3	60	3.70½	5	60.3	3.15	20
6	60	[15] 2.97	4	59.4	3.16½	5	64.8	4.64	21
4	60	1.32½	3	59	[18] 1.85½	6	64	2.56	22
5	60	2.37½	1	60	3.06½	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	25
2	66	2.68½	1	54	2.49	2	66	2.59	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	27
1	60	2.30	1	60	2.87½	2	65.5	2.40	28
5	60	[17] 2.80	8	59.1	3.15½	9	60	3.19	29
40	60.3	[9] 2.70	38	60.1	[18] 3.21	46	61.3	3.44	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	31
1	60	2.00	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	[20] 30	59	[20] 1.50	6	72	.54	33
.....	.....	.....	.....	.....	.....	4	72	.50	34
.....	.....	.....	[20] 30	59	[20] 1.50	10	72	.52	35
1	70	.66	.....	.....	.....	1	60	.69	36
2	60	2.20½	1	59.5	3.83½	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	1	60	2.68	38
.....	.....	.....	.....	.....	.....	3	68	1.10	39
.....	.....	.....	1	59	2.30	.....	.....	.....	40
.....	.....	.....	1	59	1.53½	.....	.....	.....	41

[11] Boys.
[12] Including 10 boys.
[13] Including 23 boys.
[14] Hours reported for 1 employee only.
[15] 1 employee receives also board.
[16] Irregular.
[17] 1 employee receives also share of net profits.
[18] 1 employee receives also board, valued at $20 per month.
[19] Hours reported for 3 employees only.
[20] Contract workers.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900-1901		
			Employees.	Average hours per week.	Average wages. per day.
	Warehousemen (concluded):				
1	Hawaiian	M.	5	61.6	$1.50½
2	Part-Hawaiian	M.	2	[1] 60	1.72½
3	Jamaican	M.	1	59	[2] 1.34½
4	Japanese	M.			
5	Norwegian	M.	1	60	2.40½
6	Porto Rican	M.			
7	Portuguese	M.	3	59.7	1.41
8	Scotch	M.	1	60	3.06½
9	Total		19	[3] 61	[2] 1.90½
	Warehousemen's helper:				
10	Japanese	M.	1	60	.92½
	Watchmen:				
11	American	M.	3	84	1.53½
12	American Negro	M.			
13	Austrian	M.			
14	Canadian	M.	1	84	1.31½
15	Chinese	M.	1	84	.72
16	English	M.			
17	Galician	M.			
18	German	M.	4	84	1.40½
19	Greek	M.	1	84	1.48
20	Hawaiian	M.	[4] 4	84	[4] .78½
21	Part-Hawaiian	M.	2	84	1.25
22	Japanese	M.	11	84.6	.70
23	Norwegian	M.	3	84	1.19
24	Porto Rican	M.			
25	Portuguese	M.	23	84	.95½
26	Scotch	M.			
27	Spanish	M.	2	84	.92
28	Total		[5] 55	84.1	[4] .99
	Water foremen:				
29	American	M.			
30	Portuguese	M.			
31	Total				
	Water tenders, mill:				
32	American	M.			
33	Chinese	M.			
34	Filipino	M.			
35	Hawaiian	M.			
36	Japanese	M.			
37	Portuguese	M.			
38	Total				
	Water tenders, pump:				
39	Chinese	M.			
40	Japanese	M.			
41	Total				
	Water tenders, steam plow:				
42	Chinese	M.	1	59	.92½
43	Hawaiian	M.	7	62.9	.81½
44	Japanese	M.	18	61.3	.92
45	Polish	M.	3	59	1.00
46	Portuguese	M.	7	59.9	.94½
47	Total		36	61.1	.91

[1] Hours reported for 1 employee only.
[2] 1 employee receives also share of net profits.
[3] Hours reported for 16 employees only.
[4] Hours reported for 4 employees only.
[5] 2 employees receive also board.
[6] 1 employee receives also board, valued at $20 per month.
[7] Including 1 pensioner.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
5	60	$1.38	1	59	$1.00	2	60	$1.00	1
						1	60	1.34	2
									3
17	60	.88½	22	59.2	.86½	15	60	.97	4
									5
			1	60	1.00				6
3	60	1.13½	4	65.6	1.44	5	59.8	1.06	7
			1	59	3.83½				8
27	60	1.10	32	60	1.20	27	60.9	1.08	9
									10
4	73.5	1.49	2	84	1.24	4	75	1.67	11
1	84	1.50							12
						2	77	1 25	13
									14
2	77	.69½	1	84	.77	4	84	.98	15
1	84	1.31½	2	84	1.48	2	72	2.11	16
						1	84	1.00	17
5	[4] 70	[5] 1.08½	5	84	[6] 1.25	3	71.3	1.26	18
									19
4	70	1.03	8	84	.93	3	84	.89	20
									21
33	[8] 73.8	.88½	24	[9] 84	.91	28	[10] 76.7	.89	22
1	84	1.15	2	84	1.40	2	[1] 84	1.11	23
			1	84	.82				24
24	71.8	1.04½	20	84	.99½	23	75.8	1.07	25
1	70	1.64½							26
						2	84	1.02	27
76	[11] 73.1	[5] 1.01	65	[12] 84	[6] 1.00½	74	[13] 78.1	1.06	28
						4	59	3.02	29
						2	59	2.40	30
						6	59	2.81	31
						2	84	1.43	32
			4	71.8	.95½	4	75	1.23	33
						1	62	.81	34
			1	72	.88½				35
7	72	1.02½	42	71.8	.93½	36	70.9	1.00	36
3	72	1.00½	3	72	1.28	3	80.1	1.10	37
10	72	1.02	50	71.8	.95½	46	72.1	1.04	38
						12	84	1.00	39
			4	84	1.01½	15	83.2	.95	40
			4	84	1.01½	27	83.6	.97	41
2	66	1.00							42
			4	59.5	.99½				43
8	66	.92	15	60.2	.92½	12	60	.96	44
									45
8	66	.98	9	60.2	.96½	7	60	1.01	46
18	66	.95½	28	60.1	.95	19	60	.98	47

[8] Hours reported for 32 employees only.
[9] Hours reported for 23 employees only.
[10] Hours reported for 27 employees only.
[11] Hours reported for 74 employees only.
[12] Hours reported for 64 employees only.
[13] Hours reported for 72 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Continued.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Well borers:				
1	American	M.			
2	Japanese	M.			
3	Norwegian	M.			
4	Portuguese	M.			
5	Total				
	Wharf hands:				
6	American	M.			
7	Chinese	M.	1	59	$0.73
8	German	M.			
9	Hawaiian	M.	37	59.3	1.03
10	Japanese	M.	102	59.2	.88
11	Porto Rican	M.			
12	Portuguese	M.			
13	Total		140	59.2	.92
	Wharfingers:				
14	American	M.	2	60	2.01½
15	Canadian	M.	3	[1] 60	2.68½
16	Dutch	M.	1	60	2.30
17	English	M.			
18	German	M.	2	[2]	2.26
19	Hawaiian	M.	1	60	2.24½
20	Japanese	M.			
21	Portuguese	M.	3	[1] 60	1.98
22	Russian	M.			
23	Scotch	M.	2	[9] 59	3.06½
24	Swedish	M.			
25	Total		14	[18] 59.9	2.37½
	Wheelwright:				
26	American	M.	1	58	4.00
	Wheelwrights' helper:				
27	Japanese	M.	1	58	1.25
	Whitewashers:				
28	Japanese	M.			
	Wipers and oilers, locomotive:				
29	American	M.			
30	Chinese	M.	1	66	.92½
31	Fijian	M.	1	60	1.00
32	German	M.	1	59	.84½
33	Hawaiian	M.	[21] 2	60	[21] .74
34	Japanese	M.	15	65.5	.94
35	Porto Rican	M.			
36	Portuguese	M.	3	63	1.05
37	Spanish	M.			
38	Total		[21] 23	64.2	[21] .93½
	Wire tramway tenders:				
39	Japanese	M.			
	Wood choppers:				
40	Chinese	M.			
41	Hawaiian	M.			
42	Japanese	M.			
43	Porto Rican	M.			
44	Portuguese	M.			
45	Total				

[1] Hours reported for 2 employees only.
[2] Irregular.
[3] Hours reported for 27 employees only.
[4] Hours reported for 17 employees only.
[5] Wages reported for 17 employees only, not including 7 who earn 25 cents per hour.
[6] Hours reported for 106 employees only.
[7] Hours reported for 21 employees only.
[8] Hours reported for 7 employees only.
[9] Hours reported for 1 employee only.
[10] Hours reported for 3 employees only.
[11] Hours reported for 6 employees only.
[12] Hours reported for 11 employees only.
[13] Hours reported for 141 employees only.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Continued.

SUGAR PLANTATIONS (52 establishments)—Continued.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
7	60	$3.30	1	60	$3.50	.....	.....	.....	1
.....	.....	.....	4	59	1.08½	.....	.....	.....	2
1	60	2.50	1	59	2.50	.....	.....	.....	3
5	60	1.30½	4	60	.88½	.....	.....	.....	4
13	60	2.47½	10	59.5	1.39	.....	.....	.....	5
1	60	2.11	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	1	60	1.00	.....	.....	.....	7
3	[1] 60	1.53½	.....	.....	.....	.....	.....	.....	8
47	([2])	1.13	50	[3] 59.6	.99½	24	[4] 61.4	[5] $1.05	9
68	([2])	.94½	107	[6] 59.4	.84	24	[7] 59.8	1.02	10
15	[8] 60	.76	4	59	.86½	4	[9] 60	1.00	11
4	[9] 60	1.49	18	[10] 59.3	.89½	11	[11] 60	1.07	12
138	[12] 60	1.02½	180	[13] 59.4	.89	63	[14] 60.4	[15] 1.04	13
.....	.....	.....	1	59	2.68½	1	60	1.92	14
.....	.....	.....	1	59	2.30	.....	.....	.....	15
1	60	2.30	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	2	59.5	[16] 2.87½	2	59.5	2.40	17
.....	.....	.....	4	[10] 60.2	2.25½	3	60.7	4.34	18
1	60	2.68½	[17] 2	65.5	[17] 1.32½	1	59	1.73	19
.....	.....	.....	1	60	2.30	.....	.....	.....	20
.....	.....	.....	1	59	1.54	2	60	1.73	21
1	60	2.30	.....	.....	.....	.....	.....	.....	22
2	60	3.93	3	59.3	3.58	1	59	4.22	23
1	60	2.39½	.....	.....	.....	.....	.....	.....	24
6	60	2.92½	[17] 15	[19] 60.4	[20] 2.46½	10	59.9	2.92	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	27
3	60	1.00	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	2	84	1.00	29
.....	.....	.....	.....	.....	.....	1	84	1.00	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	32
3	60	1.10½	2	51	.96	1	60	1.00	33
19	60	.95	18	61.9	.89	17	66.6	.89	34
.....	.....	.....	1	59	1.00	.....	.....	.....	35
3	60	1.08	1	60	.92½	5	64.8	.92	36
.....	.....	.....	1	60	.92½	.....	.....	.....	37
25	60	.98½	23	60.7	.90½	26	68	.91	38
.....	.....	.....	.....	.....	.....	4	59.5	1.06	39
.....	.....	.....	[22] 8	([23])	[22] 1.00	4	60	1.96	40
1	60	.80	.....	.....	.....	.....	.....	.....	41
6	60	.65½	15	([23])	([23])	12	60	.93	42
.....	.....	.....	.....	.....	.....	3	59.3	.95	43
.....	.....	.....	3	60	[24] .77	1	60	1.15	44
7	60	.67½	[25] 26	[26] 60	[20] .86½	20	59.9	1.15	45

[14] Hours reported for 45 employees only.
[15] Wages reported for 56 employees only, not including 7 who earn 25 cents per hour.
[16] 1 employee receives also board, valued at $20 per month.
[17] Including 1 boy.
[18] Hours reported for 9 employees only.
[19] Hours reported for 14 employees only.
[20] See notes to details.
[21] Including 1 cripple.
[22] Contract workers.
[23] Not reported.
[24] Wages reported for 2 employees only, not including 1 who receives 75 cents per cord.
[25] Including 8 contract workers.
[26] Hours reported for 3 employees only.

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TABLE VII.—OCCUPATIONS, AVERAGE WAGES AND HOURS OF LABOR, 1900–1901, 1902, 1905,

SUGAR PLANTATIONS (52 establishments)—Concluded.

Marginal number.	Occupation and nationality or race.	Sex.	1900–1901		
			Employees.	Average hours per week.	Average wages per day.
	Yard boys:				
1	American Negro	M.			
2	Chinese	M.			
3	Hawaiian	M.			
4	Japanese	M.			
5	Norwegian	M.			
6	Porto Rican	M.			
7	Portuguese	M.			
8	Total	.....			

[1] Hours reported for 60 employees only.
[2] Including 2 employees who receive also board, valued at $7 per month.

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AND NATIONALITY OR RACE OF EMPLOYEES IN EACH INDUSTRY, AND 1910—Concluded.

SUGAR PLANTATIONS (52 establishments)—Concluded.

1902			1905			1910			Marginal number.
Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	Employees.	Average hours per week.	Average wages per day.	
			1	84	$0.84½				1
			7	68.4	.74½	4	59.5	$0.96	2
			1	59	.50	3	60	.71	3
3	60	$0.47½	66	[1] 68.9	[2] .71	80	63	[2] .80	4
			1	70	.98½				5
1	60	.31							6
			6	60.7	.93½	4	59.3	.98	7
4	60	.43½	82	[4] 68.3	[2] .73	91	62.5	[2] .81	8

[2] Including 1 person receiving 75 cents per day and board.
[4] Hours reported for 76 employees only.

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DIRECTORY OF BUREAUS OF LABOR IN THE UNITED STATES AND IN FOREIGN COUNTRIES.

State.	Name of bureau.	Title of chief officer.	Location of bureau.
UNITED STATES.			
United States	United States Bureau of Labor	Commissioner	Washington, D. C.
California	Bureau of Labor Statistics	Commissioner	San Francisco.
Colorado	Bureau of Labor Statistics	Deputy Commissioner.	Denver.
Connecticut	Bureau of Labor Statistics	Commissioner	Hartford.
Idaho	Bureau of Immigration, Labor, and Statistics.	Commissioner	Boise.
Illinois	Bureau of Labor Statistics	Secretary	Springfield.
Indiana	Bureau of Statistics	Chief	Indianapolis.
Iowa	Bureau of Labor Statistics	Commissioner	Des Moines.
Kansas	Bureau of Labor and Industry	Commissioner	Topeka.
Kentucky	Department of Agriculture, Labor, and Statistics.	Commissioner	Frankfort.
Louisiana	Bureau of Statistics of Labor	Commissioner	Baton Rouge.
Maine	Bureau of Industrial and Labor Statistics.	Commissioner	Augusta.
Maryland	Bureau of Industrial Statistics	Chief	Baltimore.
Massachusetts	Bureau of Statistics	Director	Boston.
Michigan	Bureau of Labor and Industrial Statistics.	Commissioner	Lansing.
Minnesota	Bureau of Labor	Commissioner	St. Paul.
Missouri	Bureau of Labor Statistics and Inspection.	Commissioner	Jefferson City.
Montana	Bureau of Agriculture, Labor, and Industry.	Commissioner	Helena.
Nebraska	Bureau of Labor and Industrial Statistics.	Deputy Commissioner.	Lincoln.
New Hampshire	Bureau of Labor	Commissioner	Concord.
New Jersey	Bureau of Statistics of Labor and Industries.	Chief	Trenton.
New York	Department of Labor	Commissioner	Albany.
North Carolina	Bureau of Labor and Printing	Commissioner	Raleigh.
North Dakota	Department of Agriculture and Labor.	Commissioner	Bismarck.
Ohio	Bureau of Labor Statistics	Commissioner	Columbus.
Oklahoma	Department of Labor	Commissioner	Guthrie.
Oregon	Bureau of Labor Statistics and Inspection of Factories and Workshops.	Commissioner	Salem.
Pennsylvania	Bureau of Industrial Statistics	Chief	Harrisburg.
Philippine Islands	Bureau of Labor	Director	Manila.
Rhode Island	Bureau of Industrial Statistics	Commissioner	Providence.
South Carolina	Department of Agriculture, Commerce, and Industries.	Commissioner	Columbia.
Texas	Bureau of Labor Statistics	Commissioner	Austin.
Virginia	Bureau of Labor and Industrial Statistics.	Commissioner	Richmond.
Washington	Bureau of Labor	Commissioner	Olympia.
West Virginia	Bureau of Labor	Commissioner	Wheeling.
Wisconsin	Bureau of Labor and Industrial Statistics.	Commissioner	Madison.
FOREIGN COUNTRIES.			
Argentina	Departamento Nacional del Trabajo.	Presidente	Buenos Aires.
Austria	K. K. Arbeitsstatistisches Amt im Handelsministerium.	Vorstand	Wien.
Belgium	Office du Travail (Ministère de l'Industrie et du Travail).	Directeur Général	Bruxelles.
Canada	Department of Labor	Minister of Labor	Ottawa.
Canada: Ontario	Bureau of Labor (Department of Public Works).	Secretary	Toronto.
Chile	Oficina de Estadistica del Trabajo	Jefe	Santiago.
Finland	Industristyrelsen [1]		Helsingfors.
France	Office du Travail (Ministère du Travail et de la Prévoyance Sociale).	Directeur	Paris.
Germany	Abteilung für Arbeiterstatistik Kaiserliches Statistisches Amt.	Präsident	Berlin.

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State.	Name of bureau.	Title o fchief officer.	Location of bureau.
FOREIGN COUNTRIES—concl'd.			
Great Britain and Ireland.	Labor Department (Board of Trade).	Commissioner of Labor.	London.
Italy	Ufficio del Lavoro(Ministero di Agricoltura, Industria e Commercio).	Direttore Generale	Roma.
Netherlands	Directie van den Arbeid	Directeur-Generaal	's Gravenhage.
New South Wales	State Labor Bureau	Director of Labor	Sydney.
New Zealand	Department of Labor	Minister of Labor	Wellington.
Spain	Instituto de Reformas Sociales	Secretario General	Madrid.
Sweden	Afdelning för Arbetsstatistik (Kgl. Kommerskollegii).	Direktör	Stockholm.
Switzerland	Secrétariat Ouvrier Suisse (semiofficial).	Secrétaire	Zürich.
Uruguay	Oficina del Trabajo (Ministerio de Industrias, Trabajo é Instrucción Pública).		Montevideo.
International	International Labor Office	Director	Basle, Switzerland.

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