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Section 12

LABOR FORCE, EMPLOYMENT, AND EARNINGS

This section presents statistics on the size and composition of the labor force, employment by occupation, industry, and class of worker, payrolls, wage rates, hours, industrial safety, unionization, and strikes. Related series appear in Sections 3, 9, 10, and 19 through 24.

Principal sources for the data on labor force, employment, place of work, hours, earnings, unions and strikes are the decennial reports of the U.S. Census Bureau, the same agency's Current Population Survey and American Community Survey, reports by the U.S. Bureau of Labor Statistics, annual reports by the Hawaii Department of Human Resources Development, monthly and annual tabulations by the Hawaii State Department of Labor and Industrial Relations, and annual surveys of pay rates by the Hawaii Employers Council. *Historical Statistics of Hawaii*, Section 4, includes figures for earlier years. Statistics for the nation as a whole are published in Section 12 of the *Statistical Abstract of the United States: 2012*.

Table 12.01-- LABOR FORCE STATUS, BY SEX: 2012 TO 2017

[Data are based on a sample and are subject to sampling variability]

Sex and labor force status	2012	2013	2014	2015	2016	2017
BOTH SEXES						
Persons 16 years & over	1,122,846	1,128,541	1,143,931	1,152,884	1,152,321	1,153,457
Labor force	735,451	730,827	741,561	754,691	756,610	753,340
Percent in labor force	65.5	64.8	64.8	65.5	65.7	65.3
Armed forces	37,549	45,642	39,496	44,452	38,327	43,073
Civilian labor force	697,902	685,185	702,065	710,239	718,283	710,267
Employed	648,504	643,571	664,180	675,214	686,487	680,505
Unemployed	49,398	41,614	37,885	35,025	31,796	29,782
% of civ. lab. force	7.1	6.1	5.4	4.9	4.4	4.2
Not in labor force	387,395	397,714	402,370	398,193	395,711	400,117
MALE						
Persons 16 years & over	563,029	568,536	575,572	582,188	576,426	575,702
Labor force	400,770	399,951	403,642	412,721	408,395	406,005
Percent in labor force	71.2	70.3	70.1	70.9	70.8	
Armed forces	33,816	40,615	35,471	40,417	33,604	38,087
Civilian labor force	366,954	359,336	368,171	372,304	374,791	367,918
Employed	339,042	336,565	346,145	354,372	357,986	352,523
Unemployed	27,912	22,771	22,026	17,932	16,805	15,415
% of civ. lab. force	7.6	6.3	6.0	4.8	4.5	3.8
Not in labor force	162,259	168,585	171,930	169,467	168,031	169,697
FEMALE						
Persons 16 years & over	559,817	560,005	568,359	570,696	575,895	577,755
Labor force	334,681	330,876	337,919	341,970	348,215	347,335
Percent in labor force	59.8	59.1	59.5	59.9	60.5	60.1
Armed forces	3,733	5,027	4,025	4,035	4,723	4,986
Civilian labor force	330,948	325,849	333,894	337,935	343,492	342,349
Employed	309,462	307,006	318,035	320,842	328,501	327,982
Unemployed	21,486	18,843	15,859	17,093	14,991	14,367
% of civ. lab. force	6.5	5.8	4.7	5.1	4.4	4.1
Not in labor force	225,136	229,129	230,440	228,726	227,680	230,420

Source: U.S. Census Bureau, American FactFinder, American Community Survey 1-Year Estimates: Hawaii "DP03 Selected Economic Characteristics" (annual)
 <<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed April 15, 2019;
 and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 12.02-- LABOR FORCE CHARACTERISTICS, BY COUNTY: 2013-2017

[In number and percent. Average of 2013-2017]

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Population 16 to 64 years	907,788	121,547	637,298	72	44,208	104,663
Male	465,099	60,429	329,976	40	22,152	52,502
Worked in past 12 months (percent)	82.2	72.2	84.1	87.5	81.9	82.0
Usually worked 35 or more hours per week (percent)	68.7	56.3	71.2	82.5	66.9	68.0
50 to 52 weeks (percent)	66.9	55.0	69.2	82.5	66.4	66.9
Female	442,689	61,118	307,322	32	22,056	52,161
Worked in past 12 months (percent)	74.6	69.2	74.9	93.7	77.9	77.2
Usually worked 35 or more hours per week (percent)	53.7	46.3	54.6	84.4	58.1	55.2
50 to 52 weeks (percent)	57.3	52.5	57.4	84.4	65.3	59.5
Females 16 years and over	573,554	79,793	398,427	44	28,989	66,301
In labor force	343,667	44,629	237,939	32	18,313	42,754
Employed or in armed forces	339,028	44,614	233,384	32	18,259	42,739
Own children under 18 years in families and subfamilies	287,197	39,821	198,986	-	14,894	33,496
Under 6 years	103,257	13,771	72,798	-	5,410	11,278
All parents in family in labor force	65,153	8,811	44,141	-	3,850	8,351
All parents in family in labor force (percent)	63.1	64.0	60.6	0.0	71.2	74.0
Living with two parents, both parents in labor force	40,000	4,222	28,867	-	2,051	4,860
Living with two parents, mother only in labor force	2,074	258	1,587	-	104	125
Living with one parent (mother), mother in labor force	16,509	2,846	10,389	-	1,170	2,104

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates, for Hawaii State and counties "S2303 Work Status in the Past 12 Months"; "B23008 Age of Own Children Under 18 Years in Families and Subfamilies, by Living Arrangements, by Employment Status of Parents"; and "DP03 Selected Economic Characteristics: 2013-2017" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed April 17, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.03-- SELECTED LABOR FORCE AND COMMUTING CHARACTERISTICS,
BY COUNTY: 2013-2017**

[Average of 2013-2017]

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Employment status						
Population 16 years and over	1,145,914	157,779	799,878	84	57,037	131,136
In labor force	746,440	91,392	528,905	67	37,686	88,390
Civilian labor force	706,138	91,187	489,321	63	37,434	88,133
Employed	671,758	84,962	467,165	63	35,783	83,785
Unemployed	34,380	6,225	22,156	-	1,651	4,348
Percent unemployed	4.9	6.8	4.5	0.0	4.4	4.9
Armed forces	40,302	205	39,584	4	252	257
Not in labor force	399,474	66,387	270,973	17	19,351	42,746
Females 16 years and over						
In labor force	343,667	44,629	237,939	32	18,313	42,754
Civilian labor force	339,028	44,614	233,384	32	18,259	42,739
Employed	323,099	41,699	223,042	32	17,539	40,787
Own children under 6 years						
All parents in family	103,257	13,771	72,798	-	5,410	11,278
in labor force 1/	65,153	8,811	44,141	-	3,850	8,351
Commuting to work						
Workers 16 years and over						
Car, truck, or van - drove alone	466,216	61,137	316,860	21	28,051	60,147
Car, truck or van - carpooled	95,171	10,429	70,739	6	3,139	10,858
Public trans. (excluding taxicab)	46,028	994	42,547	0	264	2,223
Walked	31,668	1,793	26,820	26	1,002	2,027
Other means	24,167	1,549	19,957	7	458	2,196
Worked at home	31,890	6,963	18,176	4	2,155	4,592
Mean travel time to work (min.)	27	25	29	7	22	21

1/ Both parents in family where both parents in labor force, or single-parent family, where parent is in labor force.

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates, "DP03 Selected Economic Characteristics: 2013-2017 State of Hawaii, and County: Honolulu, Hawaii, Kauai, Maui, Kalawao" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed June 1, 2019.

Table 12.04-- LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGE, 2016 TO 2018

[Numbers in thousands and percent. The source sample was redesigned to reflect the 2010 population and incorporated other changes, including collapsed age categories. Prior to 2016, the category was '16 to 19'. 2018 data are preliminary. See also "Expanded State Employment Status Demographic Data" <<https://www.bls.gov/lau/ex14tables.htm>>]

Population group	Persons 16 years and over			20 to 24 years (both sexes)
	Both sexes	Men	Women	
2016				
Civilian noninstitutional population	1,093	535	558	88
Civilian labor force	686	362	324	63
Percent of population	62.7	67.6	58.0	71.1
Employment	665	351	313	59
Percent of population	60.8	65.6	56.2	66.6
Unemployment	21	11	10	4
Rate	3.0	2.9	3.2	6.3
Not in civilian labor force	407	173	234	25
2017				
Civilian noninstitutional population 1/	1,096	530	566	89
Civilian labor force 1/	684	357	327	69
Percent of population 1/	62.4	67.4	57.8	77.8
Employment	668	348	320	66
Percent of population 1/	60.9	65.6	56.6	74.0
Unemployment 1/	16	9	7	3
Rate	2.4	2.6	2.2	5.0
Not in civilian labor force 1/	412	173	239	20
2018				
Civilian noninstitutional population	1,095	529	567	78
Civilian labor force	680	351	330	56
Percent of population	62.1	66.3	58.2	71.2
Employment	663	340	322	54
Percent of population	60.5	64.4	56.9	68.8
Unemployment	18	10	7	2
Rate	2.6	3.0	2.2	3.4
Not in civilian labor force	415	178	237	22

1/ Revised from previous *Data Book*.

Source: U.S. Bureau of Labor Statistics, *Local Area Unemployment Statistics*, "2016 Data on Employment Status by State and Demographic Group" <<https://www.bls.gov/lau/table14full16.pdf>> accessed July 14, 2018; "2017 Data on Employment Status by State and Demographic Group" <<http://www.bls.gov/lau/table14full17.pdf>> accessed June 2, 2019; "Preliminary 2018 Data on Employment Status by State and Demographic Group" <<http://www.bls.gov/lau/ptable14full2018.pdf>> accessed April 2, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.05-- CIVILIAN LABOR FORCE, AND UNEMPLOYMENT RATE, TOTAL AND FEMALE, BY RACE AND HISPANIC ORIGIN: 2017 AND 2018

[Totals may not add due to rounding. Estimates from Annual Local Area Unemployment Statistics (LAUS) and based on U.S. Census Bureau, American Community Survey 5-year average]

Race or origin 1/	Civilian labor force		Unemployed (percent)	
	Both sexes	Female	Both sexes	Female
2017				
Both sexes (one, two or more races, & Hispanic-Latino)	737,200	355,250	2.5	2.1
Both sexes, not Hispanic-Latino	685,400	329,850	2.4	1.9
One race (excluding Hispanic-Latino)	569,600	273,400	2.2	1.8
White	177,450	79,350	2.6	2.3
Black or African American	9,200	3,500	2.8	2.3
American Indian and Alaska Native	1,100	600	1.3	1.0
Asian	308,950	156,500	1.4	1.1
Native Hawaiian and other Pacific Islander	63,400	28,950	4.0	3.6
Some other race	9,500	4,500	5.9	5.5
Two or more races	115,850	56,400	3.4	2.6
Both sexes, Hispanic or Latino	51,750	25,450	4.3	3.8
Both sexes, minority group	559,750	275,950	2.5	2.0
2018				
Both sexes (one, two or more races, & Hispanic-Latino)	678,700	327,150	2.4	2.0
Both sexes, not Hispanic-Latino	631,050	303,750	2.3	1.9
One race (excluding Hispanic-Latino)	524,400	251,800	2.1	1.8
White	163,350	73,050	2.5	2.2
Black or African American	8,450	3,250	2.7	2.3
American Indian and Alaska Native	1,000	550	1.3	0.9
Asian	284,500	144,150	1.4	1.1
Native Hawaiian and other Pacific Islander	58,350	26,650	3.9	3.5
Some other race	8,750	4,150	5.8	5.4
Two or more races	106,650	51,950	3.3	2.6
Both sexes, Hispanic or Latino	47,650	23,400	4.2	3.7
Both sexes, minority group	515,350	254,100	2.4	2.0

1/ Based on Census definitions. Race is classified by self-identification.

Source: Hawaii State Department of Labor & Industrial Relations, Labor Force Info for Affirmative Action Programs, "Table 1. Labor Force Information by Sex & Race: 2017"

<<https://www.hiwi.org/gsipub/index.asp?docid=462>> accessed July 14, 2018; Ibid. 2018 (posted April 3, 2019) accessed July 5, 2019.

**Table 12.06-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:
ANNUAL AVERAGE, 1990 TO 2018**

[Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent]

Year	Labor force	Employed	Unemployed	
			Number	Percent
1990	550,900	536,200	14,700	2.7
1991	571,600	555,200	16,400	2.9
1992	584,250	558,950	25,300	4.3
1993	586,400	560,100	26,300	4.5
1994	585,200	552,900	32,300	5.5
1995	586,500	552,000	34,450	5.9
1996	595,600	558,150	37,450	6.3
1997	600,950	563,600	37,350	6.2
1998	601,600	564,950	36,650	6.1
1999	602,900	570,400	32,500	5.4
2000	605,950	580,200	25,750	4.2
2001	610,650	583,200	27,450	4.5
2002	600,900	575,600	25,350	4.2
2003	603,100	578,300	24,800	4.1
2004	610,900	590,150	20,750	3.4
2005	626,900	608,950	17,950	2.9
2006	638,250	621,550	16,700	2.6
2007	638,400	620,550	17,850	2.8
2008	639,700	612,100	27,550	4.3
2009	631,700	586,500	45,150	7.2
2010	647,250	602,300	44,950	6.9
2011	660,250	615,300	44,950	6.8
2012	647,200	608,300	38,900	6.0
2013	651,550	619,700	31,850	4.9
2014 1/	665,450	636,500	28,950	4.4
2015 1/	673,950	649,950	24,000	3.6
2016 1/	682,950	662,800	20,200	3.0
2017 1/	683,600	667,000	16,600	2.4
2018 1/	678,750	662,150	16,600	2.4

1/ DLIR benchmarked data in March, 2019. 2014 to 2017 reflect revised population controls and model reestimation. 2014 to 2017 labor force, employed and unemployed, and 2016 unemployment percent revised from previous *Data Book*.

Source: Hawaii State Department of Labor & Industrial Relations, "State of Hawaii Not Seasonally Adjusted Civilian Labor Force"

<https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls> accessed March 8, 2019.

Table 12.07-- ALTERNATIVE MEASURES OF LABOR UNDERUTILIZATION FOR HAWAII AND THE UNITED STATES AVERAGE: 2003 TO 2018

[In percent. The official concept of unemployment includes all jobless persons who are available to take a job and have actively sought work in the past four weeks. This concept has been thoroughly reviewed and validated since the inception of the Current Population Survey (CPS) in 1940. The other measures are provided to data users and analysts who want more narrowly (U-1 and U-2) or broadly (U-4 through U-6) defined measures. All as a percent of the civilian labor force: U-1, persons unemployed 15 weeks or longer; U-2, job losers and persons who completed temporary jobs; U-3, total unemployed (this is the definition used for the official unemployment rate); U-4, total jobs, unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers; U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers; and U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers]

Year	Unemployment rate					
	U-1	U-2	U-3	U-4	U-5	U-6
Hawaii						
2003	1.4	2.0	4.3	4.5	5.2	8.9
2004	1.0	1.4	3.4	3.6	4.5	7.5
2005	0.9	1.0	2.9	3.1	3.7	6.4
2006	0.7	1.0	2.7	2.8	3.5	6.2
2007	0.8	1.1	2.9	3.0	3.6	6.4
2008	1.1	1.8	4.2	4.4	5.2	8.8
2009	3.5	4.3	7.4	8.0	9.1	15.5
2010	3.9	3.8	7.0	7.9	8.9	16.9
2011	4.5	4.2	7.3	7.8	9.0	15.1
2012	3.3	3.2	6.0	6.4	7.5	12.8
2013	2.4	2.1	4.8	5.5	6.6	11.5
2014	1.9	1.8	4.4	4.7	5.6	10.2
2015	1.5	1.6	3.7	4.1	5.3	9.7
2016	1.1	1.4	3.0	3.4	4.2	7.5
2017	0.7	1.2	2.4	2.7	3.4	6.0
2018	0.9	1.3	2.6	2.8	3.5	6.1
United States						
2003	2.3	3.3	6.0	6.3	7.0	10.1
2004	2.1	2.8	5.5	5.8	6.5	9.6
2005	1.8	2.5	5.1	5.4	6.1	8.9
2006	1.5	2.2	4.6	4.9	5.5	8.2
2007	1.5	2.3	4.6	4.9	5.5	8.3
2008	2.1	3.1	5.8	6.1	6.8	10.5
2009	4.7	5.9	9.3	9.7	10.5	16.2
2010	5.7	6.0	9.6	10.3	11.1	16.7
2011	5.3	5.3	8.9	9.5	10.4	15.9
2012	4.5	4.4	8.1	8.6	9.5	14.7
2013	3.9	3.9	7.4	7.9	8.8	13.8
2014	3.0	3.1	6.2	6.6	7.5	12.0
2015	2.3	2.6	5.3	5.7	6.4	10.4
2016	2.0	2.3	4.9	5.2	5.9	9.6
2017	1.7	2.1	4.4	4.6	5.3	8.5
2018	1.4	1.8	3.9	4.1	4.8	7.7

Source: U. S. Bureau of Labor Statistics, "Alternative Measures of Labor Underutilization for States, 2018 Annual Averages" <<https://www.bls.gov/lau/stalt18q4.htm>> (January 25, 2019) and Archived Tables (annual) <http://www.bls.gov/lau/stalt_archived.htm> accessed April 2, 2019.

Table 12.08-- ALTERNATIVE MEASURES OF LABOR UNDERUTILIZATION FOR THE 50 STATES AND THE UNITED STATES AVERAGE: 2018

[In percent. The official concept of unemployment includes all jobless persons who are available to take a job and have actively sought work in the past four weeks. This concept has been thoroughly reviewed and validated since the inception of the Current Population Survey (CPS) in 1940. The other measures are provided to data users and analysts who want more narrowly (U-1 and U-2) or broadly (U-4 through U-6) defined measures. All as a percent of the civilian labor force: U-1, persons unemployed 15 weeks or longer; U-2, job losers and persons who completed temporary jobs; U-3, total unemployed (this is the definition used for the official unemployment rate); U-4, total jobs, unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers; U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers; and U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers]

Year	Unemployment rate					
	U-1	U-2	U-3	U-4	U-5	U-6
United States	1.4	1.8	3.9	4.1	4.8	7.7
Alabama	1.5	1.8	3.9	4.3	5.0	7.3
Alaska	2.4	3.7	6.6	7.1	8.3	12.0
Arizona	1.6	1.8	4.7	4.8	6.0	9.1
Arkansas	1.2	1.7	3.8	4.1	4.7	7.7
California	1.6	2.1	4.2	4.4	5.1	8.8
Colorado	1.1	1.4	3.3	3.5	3.8	6.3
Connecticut	2.1	2.2	4.1	4.4	5.0	8.9
Delaware	1.3	1.8	3.8	4.1	4.4	7.4
District of Columbia	2.9	2.1	5.6	5.9	6.8	9.2
Florida	1.4	1.6	3.6	3.9	4.5	7.6
Georgia	1.4	1.5	3.9	4.3	5.0	8.0
Hawaii	0.9	1.3	2.6	2.8	3.5	6.1
Idaho	0.6	1.4	3.0	3.1	3.6	6.3
Illinois	1.6	2.1	4.2	4.4	5.1	8.1
Indiana	1.0	1.7	3.5	3.7	4.2	6.6
Iowa	0.7	1.4	2.5	2.7	3.0	5.2
Kansas	0.9	1.6	3.4	3.6	4.0	6.0
Kentucky	1.3	1.8	4.4	4.6	5.3	8.1
Louisiana	1.9	2.4	4.9	5.4	6.3	9.4
Maine	1.0	1.4	3.5	3.6	4.7	7.8
Maryland	1.7	2.2	4.2	4.4	5.3	8.0
Massachusetts	1.5	1.9	3.4	3.6	4.2	7.0
Michigan	1.3	1.8	4.1	4.4	4.9	7.9
Minnesota	0.8	1.4	2.8	2.9	3.2	5.4

Continued on next page.

**Table 12.08-- ALTERNATIVE MEASURES OF LABOR UNDERUTILIZATION
FOR THE 50 STATES AND THE UNITED STATES AVERAGE: 2018 -- Con.**

Year	Unemployment rate					
	U-1	U-2	U-3	U-4	U-5	U-6
Mississippi	2.0	1.8	4.8	5.3	5.9	8.7
Missouri	1.1	1.7	3.2	3.5	4.0	6.8
Montana	1.1	1.9	3.7	3.9	4.5	7.5
Nebraska	0.7	1.2	2.8	3.0	3.7	5.8
Nevada	1.3	1.9	4.5	4.9	5.8	9.5
New Hampshire	0.9	1.2	2.6	2.7	3.0	5.6
New Jersey	2.1	2.2	4.2	4.5	5.1	7.7
New Mexico	1.9	1.7	4.7	5.0	5.6	9.1
New York	1.7	2.0	4.1	4.5	5.3	8.1
North Carolina	1.4	1.5	3.8	4.2	4.9	7.5
North Dakota	0.8	1.5	2.8	2.9	3.2	4.7
Ohio	1.4	2.1	4.5	4.7	5.4	8.3
Oklahoma	1.1	1.6	3.4	3.7	4.5	7.5
Oregon	1.2	2.0	4.1	4.3	5.1	8.3
Pennsylvania	1.6	2.3	4.3	4.5	5.2	8.4
Rhode Island	1.7	2.2	4.1	4.2	4.8	7.4
South Carolina	1.4	1.4	3.5	3.9	4.7	6.9
South Dakota	0.9	1.1	2.9	3.1	3.6	5.8
Tennessee	0.9	1.5	3.5	3.8	4.5	6.8
Texas	1.3	1.8	3.8	4.1	4.6	7.4
Utah	0.6	1.6	3.3	3.4	3.8	6.1
Vermont	0.8	1.4	2.7	2.9	3.5	5.7
Virginia	0.9	1.1	2.9	3.0	3.6	6.4
Washington	1.6	2.2	4.4	4.7	5.6	8.4
West Virginia	1.9	2.6	5.3	5.6	6.3	9.8
Wisconsin	0.9	1.6	3.0	3.1	3.5	6.0
Wyoming	1.0	2.0	4.2	4.3	4.8	7.9

Source: U. S. Bureau of Labor Statistics, "Alternative Measures of Labor Underutilization for States, 2018 Annual Averages" (January 25, 2019) <<https://www.bls.gov/lau/stalt18q4.htm>> accessed April 2, 2019.

**Table 12.09-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2018**

[Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent]

Year	State	Honolulu	Hawaii	Kauai	Maui
Civilian labor force					
1990	550,900	409,000	58,400	26,150	57,400
1991	571,600	418,200	63,600	28,500	61,350
1992	584,250	423,850	65,200	29,400	65,800
1993	586,400	426,450	65,450	28,450	66,050
1994	585,200	424,600	65,600	28,700	66,300
1995	586,500	425,450	65,250	28,850	66,950
1996	595,600	430,850	67,400	29,100	68,250
1997	600,950	432,750	69,400	28,900	69,950
1998	601,600	432,450	69,350	29,000	70,800
1999	602,900	430,450	70,500	29,350	72,600
2000	605,950	430,900	73,900	30,250	70,950
2001	610,650	431,950	75,750	30,250	72,650
2002	600,900	424,150	75,450	30,000	71,350
2003	603,100	424,450	76,750	30,650	71,250
2004	610,900	428,000	78,350	31,200	73,400
2005	626,900	439,250	80,750	31,900	75,000
2006	638,250	444,800	83,850	32,450	77,150
2007	638,400	442,500	84,800	32,650	78,450
2008	639,700	443,900	84,900	32,650	78,250
2009	631,700	439,750	83,900	32,000	76,050
2010	647,250	446,200	87,750	34,300	78,950
2011	660,250	456,150	88,700	34,900	80,500
2012	647,200	448,000	86,100	33,900	79,150
2013	651,550	451,500	86,200	34,000	79,900
2014 1/ 2/	665,450	460,900	87,550	34,750	82,300
2015 1/ 2/	673,950	466,650	88,500	35,050	83,750
2016 1/ 2/	682,950	470,100	91,350	35,800	85,700
2017 1/ 2/	683,600	469,400	91,550	36,100	86,600
2018 1/ 2/	678,750	465,200	91,300	36,100	86,150
Civilian employed					
1990	536,200	400,200	56,150	25,100	54,750
1991	555,200	409,350	60,600	27,300	57,900
1992	558,950	411,800	60,200	26,500	60,400
1993	560,100	412,700	60,350	24,700	62,450
1994	552,900	406,700	59,100	24,950	62,200
1995	552,000	405,850	58,600	25,550	62,050
1996	558,150	408,400	60,850	25,600	63,350
1997	563,600	410,500	62,500	25,700	64,850
1998	564,950	409,850	62,850	26,200	66,100
1999	570,400	410,000	64,550	27,200	68,600
2000	580,200	413,100	70,150	28,750	68,150
2001	583,200	413,200	71,750	28,650	69,550
2002	575,600	406,700	71,850	28,600	68,450

Continued on next page.

**Table 12.09-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2018 -- Con.**

Year	State	Honolulu	Hawaii	Kauai	Maui
Civilian employed (con.)					
2003	578,300	407,550	73,000	29,350	68,450
2004	590,150	413,900	75,150	30,100	71,000
2005	608,950	427,000	78,000	31,000	72,950
2006	621,550	433,500	81,200	31,650	75,250
2007	620,550	430,850	81,750	31,800	76,150
2008	612,100	426,850	79,800	31,100	74,400
2009	586,500	413,200	75,350	28,850	69,100
2010	602,300	419,650	79,100	31,300	72,200
2011	615,300	429,350	79,950	31,850	74,150
2012	608,300	423,900	78,950	31,400	74,100
2013	619,700	431,450	80,400	32,050	75,750
2014 1/ 2/	636,500	442,150	82,700	33,050	78,550
2015 1/ 2/	649,950	451,050	84,600	33,650	80,650
2016 1/ 2/	662,800	457,050	88,000	34,650	83,050
2017 1/ 2/	667,000	458,550	88,900	35,200	84,350
2018 1/ 2/	662,150	454,350	88,600	35,200	84,050
Unemployed					
1990	14,700	8,800	2,250	1,050	2,650
1991	16,400	8,850	2,950	1,200	3,400
1992	25,300	12,050	5,000	2,900	5,400
1993	26,300	13,750	5,100	3,800	3,650
1994	32,300	17,900	6,500	3,750	4,150
1995	34,450	19,600	6,650	3,300	4,900
1996	37,450	22,450	6,600	3,500	4,900
1997	37,350	22,250	6,900	3,150	5,100
1998	36,650	22,600	6,500	2,800	4,700
1999	32,500	20,450	5,900	2,150	4,000
2000	25,750	17,750	3,700	1,450	2,800
2001	27,450	18,750	4,000	1,600	3,100
2002	25,350	17,450	3,600	1,350	2,900
2003	24,800	16,900	3,800	1,300	2,850
2004	20,750	14,100	3,200	1,100	2,350
2005	17,950	12,250	2,800	900	2,050
2006	16,700	11,300	2,600	850	1,950
2007	17,850	11,650	3,000	900	2,300
2008	27,550	17,100	5,100	1,600	3,800
2009	45,150	26,550	8,550	3,150	6,950
2010	44,950	26,550	8,650	3,000	6,750
2011	44,950	26,800	8,700	3,050	6,400
2012	38,900	24,150	7,150	2,500	5,100
2013	31,850	20,050	5,750	1,950	4,150
2014 1/ 3/	28,950	18,750	4,850	1,700	3,700
2015 1/	24,000	15,600	3,900	1,400	3,100
2016 1/	20,200	13,000	3,350	1,150	2,650
2017 1/ 2/	16,600	10,850	2,650	900	2,250
2018 1/	16,600	10,850	2,750	900	2,100

Continued on next page.

**Table 12.09-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2018 -- Con.**

Year	State	Honolulu	Hawaii	Kauai	Maui
Percent unemployed					
1990	2.7	2.1	3.9	3.9	4.6
1991	2.9	2.1	4.6	4.3	5.6
1992	4.3	2.8	7.7	9.9	8.2
1993	4.5	3.2	7.8	13.3	5.5
1994	5.5	4.2	9.9	13.1	6.2
1995	5.9	4.6	10.2	11.4	7.3
1996	6.3	5.2	9.8	12.0	7.2
1997	6.2	5.1	9.9	11.0	7.3
1998	6.1	5.2	9.4	9.7	6.6
1999	5.4	4.7	8.4	7.4	5.5
2000	4.2	4.1	5.0	4.8	3.9
2001	4.5	4.3	5.3	5.4	4.3
2002	4.2	4.1	4.8	4.6	4.1
2003	4.1	4.0	4.9	4.2	4.0
2004	3.4	3.3	4.1	3.5	3.2
2005	2.9	2.8	3.4	2.8	2.7
2006	2.6	2.5	3.1	2.6	2.5
2007	2.8	2.6	3.6	2.7	2.9
2008	4.3	3.8	6.0	4.8	4.9
2009	7.2	6.0	10.2	9.8	9.1
2010	6.9	6.0	9.9	8.8	8.5
2011	6.8	5.9	9.8	8.7	7.9
2012	6.0	5.4	8.3	7.3	6.4
2013	4.9	4.4	6.7	5.7	5.2
2014 1/	4.4	4.1	5.5	4.8	4.5
2015 1/	3.6	3.3	4.4	4.0	3.7
2016 1/	3.0	2.8	3.7	3.2	3.1
2017 1/ 2/	2.4	2.3	2.9	2.4	2.6
2018 1/	2.4	2.3	3.0	2.5	2.4

1/ DLIR benchmarked data in March 2019. Data for 2014 to 2018 reflect revised population controls and model reestimation.

2/ Revised from previous *Data Book*.

3/ Maui revised from previous *Data Book*.

Source: Hawaii State Department of Labor & Industrial Relations, "Honolulu MSA, Hawaii County, Kauai County and Maui County Not Seasonally Adjusted Civilian Labor Force"

<https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls> accessed March 8, 2019.

**Table 12.10-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION
FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA,
PUERTO RICO AND THE VIRGIN ISLANDS: 2018 4th QUARTER**

Area	State regular benefits paid (\$1,000) 1/	State extended benefits paid (\$1,000) 1/	Average weekly benefit amt. (dollars) 2/	Average duration (weeks) 3/	Average benefits per first payment (dollars) 4/
United States	6,056,738	63.0	361.30	15.3	5,320
Alabama	34,103	-	225.39	13.3	2,933
Alaska	21,232	1.0	264.20	17.9	4,610
Arizona	48,420	-	231.51	15.3	3,484
Arkansas	22,116	-	273.54	11.2	2,866
California	1,158,709	1.0	331.63	17.6	5,675
Colorado	88,802	-	440.64	13.9	5,871
Connecticut	133,301	-	396.50	16.8	6,213
Delaware	13,933	-	263.68	17.2	4,361
Dist. of Columbia	28,665	-	353.44	18.6	6,333
Florida	80,412	0.3	247.71	9.2	2,247
Georgia	68,967	-	294.51	8.0	2,242
Hawaii	37,044	-	517.86	15.1	7,434
Idaho	17,115	-	327.39	9.8	3,022
Illinois	363,348	0.8	383.22	16.5	6,279
Indiana	54,477	-	296.30	12.5	3,640
Iowa	70,225	-	397.46	12.8	4,924
Kansas	28,862	-	380.63	11.6	4,271
Kentucky	60,271	-	345.71	18.8	6,406
Louisiana	31,953	-	212.48	16.1	3,384
Maine	17,110	-	341.57	13.1	4,323
Maryland	102,805	-	349.90	18.4	6,264
Massachusetts	310,778	-	543.40	17.4	8,803
Michigan	146,003	-	307.89	12.1	3,638
Minnesota	159,284	-	462.61	16.5	7,363
Mississippi	13,437	-	211.15	13.5	2,758
Missouri	54,559	-	269.38	12.3	3,161
Montana	20,039	-	334.44	15.4	4,882
Nebraska	13,389	-	343.06	12.0	3,965
Nevada	72,056	-	357.12	15.1	5,079
New Hampshire	9,457	-	343.74	12.5	4,022
New Jersey	438,431	-	460.81	18.1	7,839
New Mexico	30,167	-	334.20	17.4	5,736
New York	483,092	-	351.74	16.9	5,525
North Carolina	38,058	-	261.10	8.9	2,260
North Dakota	14,678	-	450.77	13.4	6,169

Continued on next page.

Table 12.10-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA, PUERTO RICO AND THE VIRGIN ISLANDS: 2018 4th QUARTER -- Con.

Area	State regular benefits paid (\$1,000) 1/	State extended benefits paid (\$1,000) 1/	Average weekly benefit amt. (dollars) 2/	Average duration (weeks) 3/	Average benefits per first payment (dollars) 4/
Ohio	177,857	0.6	375.27	14.9	5,483
Oklahoma	48,767	-	367.19	16.5	5,895
Oregon	115,868	-	408.21	15.1	5,917
Pennsylvania	368,549	-	390.86	15.6	5,625
Puerto Rico	19,776	-	118.52	19.3	2,242
Rhode Island	30,229	-	365.19	14.8	5,169
South Carolina	36,534	-	254.66	12.5	3,223
South Dakota	4,061	-	338.91	14.6	4,812
Tennessee	42,989	-	241.73	15.1	3,559
Texas	470,651	-	407.41	15.6	6,008
Utah	35,592	-	417.15	12.3	4,948
Vermont	61,084	-	315.58	14.9	4,543
Virgin Islands	226,548	-	461.83	16.0	7,186
Virginia	13,196	-	371.66	13.5	4,538
Washington	2,078	60.0	350.99	27.2	8,207
West Virginia	79,688	-	325.12	12.7	3,725
Wisconsin	9,629	-	373.10	14.0	5,144
Wyoming	28,339	-	297.37	14.2	4,005

1/ Regular benefits are the unemployment benefits paid to individuals under a state program, usually the first 26 weeks of benefits, for all weeks compensated including partial payments (ETA 5159). Extended benefits paid is a supplemental program that pays extended compensation during periods of specified high unemployment in a state to individuals for weeks of unemployment after exhaustion of regular UI benefits. One-half of extended benefits is funded by the state trust fund (ETA 5159).

2/ Benefits paid for total unemployment divided by weeks compensated for total unemployment (ETA 5159).

3/ The number of weeks compensated for the year divided by the number of first payments (ETA 5159).

4/ Benefits aid for all weeks compensated divided by the number of first payments.

Source: U.S. Department of Labor, Employment and Training Administration (ETA), "Unemployment Insurance Data Summary, Benefits and Duration Data, 4th Quarter 2018"

<<http://www.ows.doleta.gov/unemploy/content/data.asp>> accessed April 17, 2019.

**Table 12.11-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:
ANNUAL AVERAGE, 2018**

[As percent of total. Includes all eligible claimants who filed new claims for unemployment insurance benefits during the year. Includes both intrastate and interstate agent claimants]

Characteristic	Percent	Characteristic	Percent
Total	100.0	Industry - Con.	
Age		Public administration 1/ Information not available	0.0 12.3
Under 22 years	1.3	Occupation	
22 to 24 years	3.6	Management	7.6
25 to 34 years	22.0	Business/financial operations	2.6
35 to 44 years	23.3	Computer/mathematical	1.2
45 to 54 years	22.4	Architecture/engineering	0.8
55 to 64 years	20.3	Life/physical/social science	0.7
65 years and over	7.1	Community/social services	1.0
Sex		Legal	0.4
Male	68.0	Education/training/library	1.8
Female	32.0	Arts/entertainment/sports	2.6
Duration		Healthcare practitioner/technical	1.4
1 to 4 weeks	42.4	Healthcare support	1.2
5 to 14 weeks	35.6	Protective service	0.7
15 weeks and over	21.9	Food preparation/serving	7.6
Industry		Building/grounds maintenance	2.2
Government - state	2.3	Personal care/service	1.6
Government - county	0.4	Sales related	4.5
Agriculture/forestry/fishing	1.5	Office/administrative support	8.9
Mining 1/	0.0	Farming/fishing/forestry	1.5
Utilities	0.2	Construction/extraction	37.3
Construction	35.4	Installation/maintenance/repair	3.4
Manufacturing	1.1	Production	1.9
Wholesale trade	1.5	Transportation/material moving	4.1
Retail trade	2.8	Information not available	5.2
Transportation/warehousing	4.2	Race	
Information	1.9	American Indian	0.7
Finance/insurance	1.0	Chinese	2.9
Real estate/rental/leasing	1.1	Filipino	18.9
Professional/technical services	3.3	Japanese	8.1
Management of companies	0.5	Other Asians	2.5
Administrative/waste services	11.4	Black	1.7
Educational services	0.9	Hawaiian	24.9
Health care/social assistance	4.4	Other Pacific Islander	5.9
Arts/entertainment/recreation	1.1	White & Latino	21.5
Accommodation/food services	10.8	Others	13.0
Other services	1.9	Information not available	0.0

1/ An industry may have claimants in one or more months in 2018 and yet round to 0.0 percent of total, e.g. 'Mining' ranged between 0 and 2 claimants over the 12 months for an average of 1 and 0.0 percent and 'Public administration' ranged between 0 and 4 claimants over the 12 months for an average of 2 and 0.0 percent.

Source: Hawaii State Department of Labor & Industrial Relations "Characteristics of the Insured Unemployed in Hawaii - 2018" <<http://labor.hawaii.gov/rs/files/2019/03/CIUpub2018-final.pdf>> accessed July 2, 2019.

**Table 12.12-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGE,
1990 TO 2018**

[Persons holding more than one job are counted in each position. As a result, these data differ from corresponding estimates of employment, reported elsewhere in this section. Agriculture jobs and persons not working because of labor disputes are included but active-duty armed forces are excluded, unless also employed in civilian jobs. Data for the component nonagriculture jobs are rounded to nearest 100 for 1990-2000 and 2010-current, and to 50 for 2001-2009. Totals may not add due to rounding. Data for Hawaii and Kauai counties are not U.S. Bureau of Labor Statistics-supported]

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1990	537,950	413,000	49,000	25,250	50,850
1991	548,650	417,750	51,650	26,350	52,850
1992	552,100	420,200	51,400	25,700	54,900
1993	547,350	416,900	50,900	23,450	56,200
1994	544,100	413,700	50,250	23,950	56,350
1995	540,200	410,250	49,550	24,450	56,000
1996	538,100	406,750	50,750	24,150	56,250
1997	538,800	405,550	51,850	24,200	57,150
1998	538,850	403,100	52,400	24,700	58,500
1999	542,700	403,600	53,350	25,500	60,250
2000	559,300	414,200	56,000	26,550	62,450
2001	562,350	414,750	57,350	26,300	63,950
2002	563,950	414,800	58,350	26,750	64,000
2003	574,750	421,800	60,100	27,800	64,900
2004	590,650	431,900	62,400	28,750	67,600
2005	608,600	444,650	64,700	29,550	69,700
2006	624,000	453,650	67,750	30,350	72,250
2007	631,350	456,950	69,250	31,050	74,100
2008	625,350	454,300	67,900	30,450	72,700
2009	597,650	438,700	63,700	28,100	67,150
2010	593,200	436,050	63,050	28,150	66,050
2011 1/ 2/	600,300	441,400	63,350	28,300	67,300
2012 1/	612,800	(NA)	(NA)	(NA)	(NA)
2013 1/	625,100	(NA)	(NA)	(NA)	(NA)
2014 1/	634,000	(NA)	(NA)	(NA)	(NA)
2015 1/	644,100	(NA)	(NA)	(NA)	(NA)
2016 1/	652,100	(NA)	(NA)	(NA)	(NA)
2017 1/ 2/ 3/	659,300	(NA)	(NA)	(NA)	(NA)
2018 1/ 3/	662,900	(NA)	(NA)	(NA)	(NA)

Continued on next page.

**Table 12.12-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGE,
1990 TO 2018 -- Con.**

NA Not available.

1/ Department of Labor & Industrial Relations (DLIR) discontinued estimates of Agriculture jobs in December 2011 and deleted monthly estimates but retained the annual estimates for the state and counties. Those estimates are shown here but other DBEDT reports/analysis which are based on monthly data may be inconsistent with the 2011 for shown here. DBEDT estimates here and other DBEDT reports for 2012 and beyond are based on National Agricultural Statistics Service survey data.

2/ State total revised from previous *Data Book*.

3/ Data were benchmarked by DLIR in March 2019.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series <<http://www.hiwi.org/gsipub/index.asp?docid=421>> accessed March 8, 2019; and National Agricultural Statistics Service, Quick Stats - Query Database by Commodity, State, and Year <<http://quickstats.nass.usda.gov/>> accessed November 16, 2018. See also Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2019* <http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2019q2.pdf> accessed May 21, 2019.

Table 12.13-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGE, 2014 TO 2018

[Data rounded to nearest 100. Totals may not add due to rounding or residual categories. Data are according to the North American Industry Classification System]

Industry	2014	2015	2016	2017 1/ 2/	2018 1/
Total wage & salary 3/	634,000	644,100	652,100	659,300	662,900
Nonagriculture, wage & salary 3/	627,000	637,600	646,100	653,300	656,600
Natural resources, mining, constr.	32,100	35,000	38,000	36,200	36,100
Manufacturing	13,900	14,100	14,200	14,400	14,200
Durable goods	3,600	3,700	3,800	3,900	3,800
Non-durable goods	10,300	10,400	10,400	10,500	10,400
Trade, transportation & utilities	117,700	119,600	120,300	121,900	122,600
Wholesale trade	17,700	18,000	17,900	17,900	17,900
Retail trade	69,900	70,800	70,700	71,300	71,400
Transportation, warehousing & util.	30,100	30,900	31,700	32,700	33,300
Utilities	3,800	3,800	3,800	3,800	3,800
Transportation & warehousing	26,300	27,100	28,000	29,000	29,500
Air transportation	8,600	8,700	9,000	9,500	9,800
Information	8,500	8,700	8,800	9,000	9,100
Telecommunications	3,900	4,000	4,000	3,900	3,800
Financial activities	27,600	28,100	28,500	28,600	28,800
Finance & insurance	15,600	16,100	16,100	16,100	16,000
Real estate, rental, leasing	12,000	12,000	12,400	12,600	12,800
Professional & business services	82,100	82,500	81,800	82,300	82,500
Education & health services	79,000	81,700	82,700	84,400	85,800
Education services	14,100	14,700	14,300	14,200	14,400
Health care & social assistance	64,900	67,000	68,500	70,200	71,500
Ambulatory health care services	26,400	27,300	27,800	28,700	29,600
Hospitals	14,900	15,500	15,800	16,400	16,900
Nursing & residential care facilities	8,000	8,200	8,500	8,500	8,400
Social assistance	15,700	16,000	16,300	16,600	16,600
Individual & family services	9,100	9,400	9,800	(4/)	(4/)
Leisure and hospitality	113,300	114,700	118,500	123,200	123,900
Arts, entertainment & recreation 5/	12,000	11,700	12,100	12,700	12,900
Accommodation & food services	101,300	102,900	106,400	110,500	111,000
Accommodation	39,200	39,200	40,300	41,500	41,900
Food services and drinking places	62,000	63,700	66,100	69,000	69,100
Full-service restaurants	34,200	35,000	36,700	38,500	38,100
Other services	26,600	26,800	27,300	27,900	28,000
Government	126,200	126,400	126,000	125,500	125,600
Federal	33,200	33,100	33,200	33,400	33,600
Department of Defense	17,900	18,100	(4/)	(4/)	(4/)
State	74,200	74,500	73,900	73,200	73,100
Education (DOE & UH)	49,400	50,100	49,700	50,100	50,100
Local	18,800	18,900	19,000	19,000	18,900
Agriculture	7,000	6,500	6,000	6,000	6,300

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**Table 12.13-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGE,
2014 TO 2018 -- Con.**

1/ DLIR benchmarked data in March 2019.

2/ 2017 revised from previous *Data Book*.

3/ DLIR discontinued estimates in December 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service, Hawaii Field Office (NASS- HFO)

<http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Archive/> accessed May 23, 2018.

4/ DLIR discontinued estimates.

5/ DLIR no longer provides county detail. DBEDT estimates as residual.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series <<http://www.hiwi.org/gsipub/index.asp?docid=421>> accessed March 8, 2019; and National Agricultural Statistics Service, Quick Stats - Query Database by Commodity, State, and Year <<http://quickstats.nass.usda.gov/>> accessed May 21, 2019. See also Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2019* <http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2019q2.pdf>.

Table 12.14-- EMPLOYMENT BY NAICS INDUSTRY: 2016 AND 2017

[Based on the North American Industry Classification System. Economic characteristics not available from the Census 2010]

Industry	Number		Percent	
	2016	2017	2016	2017
Employed civilian population 16 years and over	686,487	680,505	100.0	100.0
Agriculture, forestry, fishing and hunting, and mining	7,184	12,103	1.0	1.8
Construction	53,680	49,227	7.8	7.2
Manufacturing	19,485	20,916	2.8	3.1
Wholesale trade	15,226	16,055	2.2	2.4
Retail trade	78,828	76,789	11.5	11.3
Transportation and warehousing, and utilities	39,515	36,663	5.8	5.4
Information	9,785	10,342	1.4	1.5
Finance, insurance, real estate, & rental & leasing	48,421	43,936	7.1	6.5
Professional, scientific, management, administrative, and waste management services	71,587	68,890	10.4	10.1
Educational, health and social services	137,878	137,422	20.1	20.2
Arts, entertainment, recreation, accommodation and food services	114,263	117,563	16.6	17.3
Other services (except public administration)	29,509	29,311	4.3	4.3
Public administration	61,126	61,288	8.9	9.0

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, "DP-03 Selected Economic Characteristics: Hawaii" (annual)
 <<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 25, 2019.

**Table 12.15-- EMPLOYMENT BY THE 25 LARGEST PRIVATE EMPLOYERS:
2017 AND 2018**

[As of December 31, unless otherwise indicated. Ranked according to number of employees in 2018]

Employer	Year estab. in Hawaii	2017		2018	
		Rank	Employ- ees	Rank	Employ- ees
The Queen's Health Systems 1/	1985	1	7,187	1	7,038
Hawaii Pacific Health	2001	2	6,961	2	6,984
Kamehameha Schools	1887	9	2,183	3	3,870
Hawaiian Electric Industries Inc.	1981	5	2,745	4	2,704
Hawaii Health Systems Corp. 2/	1996	3	4,133	5	2,525
Securitas Security Services USA Inc.	1961	6	2,484	6	2,482
Kaiser Foundation Health Plan	1958	7	2,383	7	2,467
Bank of Hawaii Corp.	1897	11	2,132	8	2,048
Oahu Transit Services Inc.	1992	13	1,990	9	2,015
First Hawaiian Bank	1858	8	2,300	10	1,928
Hawaii Medical Service Association	1938	15	1,903	11	1,865
Aulani, A Disney Resort & Spa	2011	16	1,800	12	1,800
Polynesian Cultural Center	1963	(3/)	(3/)	13	1,483
Aqua-Aston Hospitality	1948	9	2,183	14	1,428
Spectrum	1969	17	1,400	15	1,300
Four Seasons Resort Hualalai	1996	18	1,300	15	1,300
Hawaiian Telcom	1983	19	1,200	17	1,200
American Savings Bank	1925	20	1,135	18	1,162
Servco Pacific Inc.	1919	12	2,005	19	1,115
Adventist Health Castle	1963	21	1,103	20	1,103
Four Seasons Resort Maui at Wailea	1990	24	950	21	950
Grand Hyatt Kauai Resort & Spa	1990	(3/)	(3/)	22	927
Kuakini Health System	1900	22	1,010	23	916
Halekulani Corp.	1980	25	918	24	845
Hawaiian Dredging Construction Co. Inc.	1902	23	963	25	795
Kyo-ya Hotels & Resorts	1962	4	3,638	(3/)	(3/)
Matson Inc.	1882	14	1,947	(3/)	(3/)

1/ Queen's Medical Center established 1859.

2/ On a fiscal year basis.

3/ Not ranked in year shown.

Source: *Pacific Business News*, "The List Employers - Statewide, Ranked by Number of Employees as of December 31, 2017" (July 6, 2018), page 24 <<https://www.bizjournals.com/pacific/datacenter/lists>> accessed July 6, 2018; and *Ibid.* "As of December 31, 2018" (July 5, 2019), page 18 <<https://www.bizjournals.com/pacific/subscriber-only/2019/07/05/employers-statewide.html>> accessed July 5, 2019.

**Table 12.16-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:
ANNUAL AVERAGE, 2018**

[Data rounded to nearest 100. Totals may not add due to rounding or residual categories. Data are according to the North American Industry Classification System]

Industry	State total	City & Cty of Honolulu	Hawaii County	Kauai County	Maui County
Total wage & salary 1/	662,900	(1/)	(1/)	(1/)	(1/)
Nonagriculture, wage & salary	656,600	477,700	69,300	31,700	77,400
Natural resources, mining, construction	36,100	26,400	3,800	1,900	4,000
Manufacturing	14,200	11,300	1,400	500	1,100
Durable goods	3,800	3,000	300	100	400
Non-durable goods	10,400	8,300	1,100	400	700
Trade, transportation & utilities	122,600	85,800	14,900	6,100	15,600
Wholesale trade	17,900	14,000	1,800	500	1,500
Retail trade	71,400	47,900	9,600	4,000	9,800
Transportation, warehousing & util.	33,300	23,900	3,500	1,600	4,300
Utilities	3,800	(NA)	(NA)	(NA)	(NA)
Transportation & warehousing	29,500	21,400	(NA)	(NA)	(NA)
Air transportation	9,800	8,000	800	300	700
Information	9,100	7,700	600	200	500
Telecommunications	3,800	3,100	300	(2/)	(NA)
Financial activities	28,800	21,900	2,600	1,200	3,100
Finance & insurance	16,000	13,500	1,200	400	800
Real estate, rental, leasing	12,800	8,400	(NA)	(NA)	(NA)
Professional & business services	82,500	65,100	6,900	3,100	7,300
Education & health services	85,800	65,100	9,000	2,900	8,800
Education services	14,400	11,600	1,400	200	1,200
Health care & social assistance	71,500	53,500	7,600	2,700	7,600
Ambulatory health care services	29,600	21,800	(NA)	(NA)	(NA)
Hospitals	16,900	14,300	(NA)	(NA)	(NA)
Nursing & residential care facilities	8,400	(NA)	(NA)	(NA)	(NA)
Social assistance	16,600	(NA)	(NA)	(NA)	(NA)
Individual & family services	(4/)	(4/)	(4/)	(4/)	(4/)
Leisure and hospitality	123,900	73,900	14,500	10,100	25,200
Arts, entertainment & recreation 3/	12,900	7,800	1,500	1,200	2,300
Accommodation & food services	111,000	66,100	13,000	8,900	22,900
Accommodation	41,900	18,600	6,200	4,500	12,500
Food services and drinking places	69,100	47,500	6,800	4,400	10,300
Full-service restaurants	38,100	24,000	4,000	3,000	7,100
Other services	28,000	21,500	2,100	1,000	3,400
Government	125,600	99,000	13,500	4,700	8,500
Federal	33,600	31,000	1,300	500	900
Department of Defense	(4/)	(4/)	(4/)	(4/)	(4/)
State	73,100	55,800	9,500	2,900	4,900
Education (DOE & UH)	50,100	39,200	5,800	1,700	3,500
Local	18,900	12,200	2,700	1,300	2,700
Agriculture 1/	6,300	(1/)	(1/)	(1/)	(1/)

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**Table 12.16-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:
ANNUAL AVERAGE, 2018 -- Con.**

NA Not available.

1/ DLIR discontinued estimates of Agriculture jobs in December 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service survey data.

2/ Fewer than 100.

3/ DLIR no longer provides Hawaii, Kauai, and Maui county detail. DBEDT calculates as residual.

4/ DLIR discontinued estimates after March 2016.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series 2010-2018 <<http://www.hiwi.org/gsipub/index.asp?docid=421>> accessed March 8, 2019; National Agricultural Statistics Service, Quick Stats - Query Database by Commodity, State, and Year <<http://quickstats.nass.usda.gov/>> accessed March 8, 2019. See also Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2019* <http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2019q2.pdf>.

Table 12.17-- OCCUPATION: 2015 TO 2017

Occupation	Number			Percent		
	2015	2016	2017	2015	2016	2017
Civilian employed population 16 years & over	675,124	686,487	680,505	100.0	100.0	100.0
Management, business, science, & arts	227,193	230,324	231,746	33.6	33.6	34.1
Service	154,624	159,197	162,314	22.9	23.2	23.9
Sales and office	167,514	168,812	167,880	24.8	24.6	24.7
Natural resources, construction, and maintenance	68,540	67,154	65,229	10.2	9.8	9.6
Production, transportation, and material moving	57,343	61,000	53,336	8.5	8.9	7.8

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, "DP03 Selected Economic Characteristics: Hawaii" (annual)
<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t> accessed January 25, 2019.

Table 12.18-- CIVILIAN JOBS PROJECTIONS, BY SECTOR AND BY TYPE, BY COUNTY: 2016 TO 2045

[See Section 1 for population and Section 13 for gross domestic product and personal income projections from the same source]

Year 1/	Total civilian jobs	By sector		By type	
		Private 2/	Government	Wage and salary	Self-employed
State total					
2016	857,951	730,929	127,022	666,998	190,953
2020	891,950	762,170	129,780	687,640	204,310
2025	932,060	799,430	132,630	711,650	220,410
2030	970,520	835,430	135,090	733,990	236,530
2035	1,004,490	867,130	137,360	752,690	251,800
2040	1,035,340	896,250	139,090	768,740	266,600
2045	1,066,030	925,260	140,770	784,360	281,670
Hawaii					
2016	102,540	89,350	13,190	70,800	31,740
2020	108,790	94,990	13,800	74,280	34,510
2025	116,600	102,050	14,550	78,630	37,970
2030	124,560	109,270	15,290	83,020	41,540
2035	132,260	116,200	16,060	87,180	45,080
2040	139,870	123,060	16,810	91,260	48,610
2045	147,710	130,110	17,600	95,460	52,250
Honolulu					
2016	604,300	505,100	99,200	487,120	117,180
2020	624,800	524,000	100,800	499,980	124,820
2025	648,270	545,980	102,290	514,420	133,850
2030	669,980	566,570	103,410	527,270	142,710
2035	688,030	583,700	104,330	537,160	150,870
2040	703,350	598,570	104,780	544,780	158,570
2045	717,990	612,860	105,130	551,750	166,240

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Table 12.18-- CIVILIAN JOBS PROJECTIONS, BY SECTOR AND BY TYPE, BY COUNTY: 2016 TO 2045 -- Con.

Year 1/	Total civilian jobs	By sector		By type	
		Private 2/	Government	Wage and salary	Self-employed
Kauai					
2016	44,430	39,740	4,690	31,690	12,740
2020	46,430	41,580	4,850	32,820	13,610
2025	48,860	43,830	5,030	34,200	14,660
2030	51,300	46,100	5,200	35,550	15,750
2035	53,600	48,230	5,370	36,780	16,820
2040	55,850	50,330	5,520	37,940	17,910
2045	58,210	52,540	5,670	39,150	19,060
Maui					
2016	106,680	96,730	9,950	77,400	29,280
2020	111,930	101,610	10,320	80,550	31,380
2025	118,330	107,570	10,760	84,390	33,940
2030	124,670	113,490	11,180	88,150	36,520
2035	130,590	118,990	11,600	91,560	39,030
2040	136,270	124,290	11,980	94,750	41,520
2045	142,120	129,750	12,370	98,000	44,120

1/ Actual 2016 State data from the U.S. Bureau of Economic Analysis (BEA). DBEDT estimate for counties. Projected values for 2020 to 2045 rounded to the nearest ten.

2/ Calculated here as 'Total civilian jobs' less 'Government'.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2045* (June 2018), Appendix Tables A-34 to A-48
 <<http://dbedt.hawaii.gov/economic/economic-forecast/2045-long-range-forecast/>> accessed June 28, 2018.

**Table 12.19-- CIVILIAN JOBS PROJECTIONS, BY NAICS INDUSTRY:
2016 TO 2045**

[See Section 1 for population and Section 13 for gross domestic product and personal income projections from the same source. Based on the North American Industry Classification System (NAICS). Actual 2016 data from the U.S. Bureau of Economic Analysis (BEA). Projected values rounded to nearest ten]

Industry	2016	2020	2025	2030	2035	2040	2045
Total civilian jobs	857,951	891,950	932,060	970,520	1,004,490	1,035,340	1,066,030
Agriculture	15,865	15,880	15,970	16,130	16,210	16,360	16,480
Mining & construction	50,449	53,510	56,480	59,160	60,590	61,760	62,710
Food processing	7,337	7,360	7,410	7,490	7,530	7,570	7,610
Other manufacturing	11,135	11,160	11,180	11,280	11,300	11,330	11,350
Transportation	34,698	36,060	37,510	38,880	40,070	41,060	42,070
Information	10,791	10,840	10,930	11,130	11,270	11,570	11,870
Utilities	4,361	4,630	4,940	5,190	5,430	5,590	5,740
Wholesale trade	24,930	25,460	26,070	26,780	27,260	27,780	28,250
Retail trade	90,212	91,970	94,210	96,320	97,720	99,310	100,780
Finance & insurance	28,934	29,600	30,420	31,180	31,780	32,270	32,710
Real estate & rental	42,907	45,050	47,300	49,310	51,120	52,680	54,200
Professional services	47,679	50,620	54,190	57,780	60,870	63,550	66,220
Business services	72,929	77,860	83,830	89,280	94,560	98,800	103,150
Educational services	21,622	23,020	24,780	26,520	28,240	29,820	31,440
Health services	81,779	86,440	92,490	98,880	105,210	111,960	118,890
Arts & entertainment	22,677	23,600	24,730	25,670	26,560	27,280	28,030
Accommodation	41,815	42,570	43,420	44,350	45,110	45,810	46,550
Eating & drinking	70,321	74,050	78,670	83,110	87,440	91,240	95,150
Other services	50,488	52,480	54,900	56,990	58,870	60,490	62,060
Government	127,022	129,780	132,630	135,090	137,360	139,090	140,770

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2045* (June 2018), Appendix "Table A-34. Hawaii State Civilian Total Jobs by Sector, 2016-2045" <<http://dbedt.hawaii.gov/economic/economic-forecast/2045-long-range-forecast/>> accessed June 28, 2018.

Table 12.20-- EMPLOYMENT BY CLASS OF WORKER: 1940 TO 2017

[Persons 14 years and over through 1960; 16 years and over thereafter]

Year	All employed civilians	Private wage and salary workers	Government workers	Self-employed workers 1/	Unpaid family workers
1940	153,796	113,551	18,553	15,967	5,725
1950	167,571	111,036	34,400	19,192	2,943
1960	209,370	144,602	46,078	17,009	1,681
1970	285,556	200,912	70,547	12,832	1,265
1980	415,181	300,315	90,401	22,965	1,500
1990	529,059	385,061	107,777	34,291	1,930
2000	537,909	381,606	112,999	41,109	2,195
2010	638,191	446,836	140,358	50,997	
2011	629,523	427,447	135,118	66,958	
2012	648,504	447,454	132,852	68,198	
2013	643,571	462,020	135,462	46,089	
2014	664,180	482,208	134,009	47,963	
2015	675,214	491,449	134,419	49,346	
2016	686,487	502,154	136,256	48,077	
2017	680,505	497,822	138,013	44,670	

1/ In own not incorporated business.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii*, Final Report PC (1)-13C (February 1962), table 56; *1970 Census of Population, General Social and Economic Characteristics, Hawaii*, PC(1)-C13 (December 1971), table 56; *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C-13 (June 1983), table 67; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 27; Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004; Ibid, American Community Survey 1-Year Estimates - Hawaii "S2408: Class of Worker By Sex and Median Earnings in the Past 12 Months (in Inflation-Adjusted Dollars) for the Civilian Employed Population 16 Years and Over" (annual, 2010 to 2014) and "S2408: Class of Worker By Sex for the Civilian Employed Population 16 Years and Over" (annual from 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=>>> accessed January 25, 2019.

Table 12.21-- FULL- AND PART-TIME EMPLOYMENT, BY TYPE AND BY STATUS: 1969 TO 2017

[In number of jobs, full-time plus part-time, by place of work. Full-time and part-time jobs are counted at equal weight. Employees, sole proprietors, and active partners are included, but unpaid family workers and volunteers are excluded. Proprietors employment consists of the number of sole proprietorships and the number of partners in partnerships. The estimates of employment for 1969 to 1974 are based on the 1967 Standard Industrial Classification (SIC), for 1975 to 1987 on the 1972 SIC, and for 1988 to 1997 on the 1987 SIC. Estimates of employment for 1998 to 2006 are based on the 2002 North American Industry Classification System (NAICS), for 2007 to 2010 on the 2007 NAICS, and for 2011 forward on the 2012 NAICS]

Year	Total	By type		By status	
		Wage and salary	Proprietors	Civilian	Military 1/
1969	415,912	368,900	47,012	346,309	69,603
1970	433,555	385,181	48,374	364,606	68,949
1971	436,830	389,108	47,722	371,244	65,586
1972	452,960	400,094	52,866	386,610	66,350
1973	473,087	418,518	54,569	402,547	70,540
1974	485,226	425,912	59,314	414,330	70,896
1975	499,203	434,443	64,760	427,061	72,142
1976	504,799	440,767	64,032	435,629	69,170
1977	509,265	448,947	60,318	442,869	66,396
1978	527,519	469,403	58,116	461,103	66,416
1979	556,339	488,281	68,058	491,235	65,104
1980	574,555	498,755	75,800	508,098	66,457
1981	567,762	496,535	71,227	504,818	62,944
1982	566,510	491,843	74,667	503,882	62,628
1983	576,830	501,857	74,973	510,967	65,863
1984	582,402	508,739	73,663	513,996	68,406
1985	597,946	521,605	76,341	529,042	68,904
1986	611,862	531,289	80,573	544,171	67,691
1987	642,686	554,533	88,153	573,624	69,062
1988	668,691	570,377	98,314	599,878	68,813
1989	696,362	597,113	99,249	627,892	68,470
1990	724,262	618,833	105,429	657,037	67,225
1991	745,447	629,443	116,004	677,963	67,484
1992	746,137	634,001	112,136	680,420	65,717
1993	741,780	625,580	116,200	678,710	63,070
1994	736,771	618,941	117,830	675,553	61,218
1995	734,039	611,684	122,355	675,401	58,638
1996	733,396	607,850	125,546	676,955	56,441
1997	733,761	607,070	126,691	678,309	55,452

Continued on next page.

Table 12.21-- FULL- AND PART-TIME EMPLOYMENT, BY TYPE AND BY STATUS: 1969 TO 2017 -- Con.

Year	Total	By type		By status	
		Wage and salary	Proprietors	Civilian	Military 1/
1998 2/	738,175	606,429	131,746	683,316	54,859
1999 2/	738,111	607,879	130,232	685,032	53,079
2000 2/	749,439	624,169	125,270	696,943	52,496
2001 2/	752,548	628,046	124,502	698,896	53,652
2002 2/	757,721	631,037	126,684	704,802	52,919
2003 2/	773,638	642,343	131,295	720,847	52,791
2004 2/	797,263	657,931	139,332	743,505	53,758
2005 2/	819,997	674,135	145,862	766,978	53,019
2006 2/	842,413	690,321	152,092	788,050	54,363
2007 2/	864,625	698,292	166,333	810,110	54,515
2008 2/	858,402	692,977	165,425	802,355	56,047
2009 2/	829,897	664,720	165,177	774,234	55,663
2010 2/	824,460	661,142	163,318	768,223	56,237
2011 2/	835,012	668,971	166,041	777,925	57,087
2012 2/	849,156	680,842	168,314	791,700	57,456
2013 2/	868,122	693,539	174,583	810,765	57,357
2014 2/	882,801	702,977	179,824	825,550	57,251
2015 2/	901,144	715,201	185,943	842,871	58,273
2016 2/	912,896	722,186	190,710	856,449	56,447
2017	921,881	727,610	194,271	866,466	55,415

1/ Includes active duty military personnel that are stationed in the state plus the number of military reserve unit members. Navy personnel assigned to ships and other mobile units and Marines assigned to Fleet Marine Force units are measured according to the units' home ports rather than their actual locations as of the reporting date. The measure of employment of the military reserves, including the National Guard, is confined to members of reserve units that meet regularly for training. The state estimates are based on fiscal year-ending September 30-tabulations of military reserve strength provided by the Department of Defense. See also *State Personal Income and Employment: Concepts, Data Sources, and Statistical Methods* (September 2017) <<https://www.bea.gov/regional/pdf/spi2016.pdf>>.

2/ 1998 to 2016 'Total', 'Wage and salary', 'Proprietors' and 'Civilian' and 'Military' 2013 to 2016 revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Annual Personal Income, "SAEMP25S Total Full-Time and Part-Time Employment by SIC Industry" and "SAEMP25N Total Full-Time and Part-Time Employment by NAICS Industry" (September 25, 2018) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed June 19, 2019 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.22-- CIVILIAN EMPLOYMENT, FULL- AND PART-TIME:
ANNUAL AVERAGE, 2013 TO 2017**

[Number in thousands]

Year and population group	2013	2014	2015	2016	2017
Total					
Full- and part-time	614	642	653	665	667
Full-time total	504	526	528	551	545
Full-time not at work	16	17	16	17	19
Part-time total	110	116	125	114	122
Economic reasons	26	27	26	19	13
Non- economic reasons	78	83	94	89	101
Not at work	6	6	6	6	9
Men					
Full- and part-time	326	338	341	351	348
Full-time total	277	287	290	309	296
Full-time not at work	7	8	7	9	10
Part-time total	49	51	51	42	52
Economic reasons	14	14	13	8	7
Non- economic reasons	33	34	35	32	42
Not at work	2	3	3	2	3
Women					
Full- and part-time	288	304	312	313	320
Full-time total	227	239	238	241	250
Full-time not at work	9	9	9	8	9
Part-time total	61	65	74	72	70
Economic reasons	12	13	12	11	6
Non- economic reasons	45	49	59	57	59
Not at work	4	4	3	4	5
16 to 19 years (both sexes)					
Full- and part-time	15	18	21	19	18
Full-time total	5	7	7	6	6
Full-time not at work	(1/)	(1/)	(1/)	(1/)	(1/)
Part-time total	10	11	14	13	12
Economic reasons	3	2	2	1	1
Non- economic reasons	7	8	11	11	11
Not at work	(1/)	1	1	(1/)	1

1/ Fewer than 500 persons.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment* "Table 16. Employed and unemployed persons by full- and part-time status, gender, age, race, and Hispanic or Latino ethnicity, annual averages" (annual) <<https://www.bls.gov/opub/geographic-profile/archive.htm>> accessed May 21, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.23-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:
ANNUAL AVERAGE, 2016 AND 2017**

Occupation	Both sexes	Men	Women
2016			
All occupations (in thousands)	665	351	313
Percent	100.0	100.0	100.0
Management, professional, and related	31.6	27.1	36.5
Management, business, and financial operations	12.3	11.8	12.7
Professional and related	19.3	15.3	23.8
Service	24.7	26.2	23.0
Sales and office	24.0	15.9	32.9
Sales and related	12.5	9.1	16.2
Office and administrative support	11.5	6.8	16.7
Natural resources, construction, and maintenance	11.0	18.9	2.1
Farming, fishing, and forestry	0.9	0.8	1.0
Construction and extraction	6.8	12.0	0.9
Installation, maintenance, and repair	3.3	6.1	0.2
Production, transportation, and material moving	8.7	11.8	5.4
Production	3.0	3.4	2.6
Transportation and material moving	5.7	8.4	2.8
2017			
All occupations (in thousands)	668	348	320
Percent	100.0	100.0	100.0
Management, professional, and related	35.8	31.5	40.5
Management, business, and financial operations	14.7	14.8	14.6
Professional and related	21.1	16.7	25.9
Service	23.0	21.8	24.2
Sales and office	22.0	15.2	29.4
Sales and related	10.9	8.8	13.2
Office and administrative support	11.1	6.4	16.2
Natural resources, construction, and maintenance	10.0	18.0	1.2
Farming, fishing, and forestry	1.0	1.2	0.8
Construction and extraction	6.2	11.6	0.3
Installation, maintenance, and repair	2.8	5.2	0.1
Production, transportation, and material moving	9.2	13.5	4.7
Production	3.1	4.1	2.2
Transportation and material moving	6.1	9.4	2.5

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment* "Table 18 Percent distribution of employed persons, by occupation, sex, race, and Hispanic or Latino ethnicity and marital status" (annual) <<https://www.bls.gov/opub/geographic-profile/archive.htm>> accessed May 21, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.24-- MULTIPLE JOBHOLDERS, NUMBERS AND PERCENT OF EMPLOYED FOR HAWAII AND PERCENT OF EMPLOYED FOR THE UNITED STATES: ANNUAL AVERAGE, 1994 TO 2018

Year	Hawaii				United States
	Employed, 16 years & over (1,000)	Multiple jobholders			Multiple jobholders as percent of employed
		Number (1,000)	Percent of employed	Rank 1/	
1994	554	48	8.7	9	5.9
1995	548	48	8.8	9	6.2
1996	555	52	9.4	9	6.2
1997	554	48	8.7	12	6.1
1998	558	49	8.8	9	6.0
1999	563	55	9.8	4	5.8
2000	572	53	9.3	4	5.6
2001	577	57	9.8	3	5.4
2002	568	47	8.2	8	5.3
2003	573	43	7.6	13	5.3
2004	603	46	7.6	13	5.4
2005	624	50	8.0	12	5.3
2006	639	51	8.0	12	5.2
2007	628	52	8.2	8	5.2
2008	633	51	8.1	9	5.2
2009	592	46	7.7	9	5.2
2010	584	41	7.0	11	4.9
2011	586	36	6.1	15	4.9
2012	603	38	6.2	13	4.9
2013	618	36	5.8	21	4.9
2014	639	38	6.0	18	4.9
2015	652	37	5.7	18	4.9
2016	670	37	5.5	23	5.0
2017	668	44	6.5	14	4.9
2018	663	46	6.9	10	5.0

1/ Rank among 50 states and District of Columbia. Rank of 1 for highest percentage of multiple jobholders. Tied in 1996 with North Dakota, in 1997 with Missouri, in 1998 with Vermont and Wisconsin, in 2004 with Iowa, in 2005 with Idaho; in 2008 with Kansas; in 2009 with Maine; in 2010 with Kansas, Maine, and Rhode Island; in 2011 with New Hampshire, in 2013 with Ohio, in 2016 with District of Columbia, and in 2017 with Connecticut.

Source: U. S. Bureau of Labor Statistics, unpublished data from Current Population Survey microdata and calculations by the Hawaii State Department of Business, Economic Development & Tourism. See also U.S. Bureau of Labor Statistics, *Monthly Labor Review*, February 2017 "Multiple Jobholding in States" <<https://stats.bls.gov/opub/mlr/2017/article/pdf/multiple-jobholding-in-states-in-2015.pdf>> accessed February 24, 2017.

Table 12.25-- WORKERS 16 YEARS AND OVER, BY PLACE OF RESIDENCE AND PLACE OF WORK: 2006-2010

[Average over the period]

Place of residence	Place of work				
	Total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	659,047	467,916	83,236	31,979	75,916
State of Hawaii	654,505	464,346	82,852	31,769	75,538
City and County of Honolulu	464,884	463,061	766	398	659
Hawaii County	82,757	626	81,872	72	187
Kauai County	31,780	241	179	31,246	114
Maui County 1/	75,084	418	35	53	74,578
U.S. states (excluding Hawaii) 2/	4,542	3,570	384	210	378

1/ Includes Kalawao County.

2/ Persons who are residents of other states and work in Hawaii.

Source: U.S. Census Bureau, Commuting and employment data "Table 2. Residence County to Workplace County Flows for the United States and Puerto Rico Sorted by Workplace Geography: 2006-2010" <<http://www.census.gov/population/metro/files/commuting/Table2.xlsx>> accessed July 14, 2014.

Table 12.26-- EMPLOYMENT AND WAGES: 2008 TO 2017

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Since 2001, industries have been classified according to the North American Industry Classification System (NAICS), 2008-2010 are based on the 2007 NAICS, 2011-2016 are based on the 2012 NAICS, and 2017 are based on the 2017 NAICS]

Year	Number of reporting units, Dec. 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
Total, incl. gov't				
2008	37,170	619,898	25,207,465	40,664
2009	37,546	592,189	24,473,876	41,328
2010	36,772	587,232	24,476,467	41,681
2011	36,438	594,046	25,219,853	42,454
2012	36,568	605,535	26,259,252	43,365
2013	36,840	618,425	27,104,442	43,828
2014	37,128	626,330	28,310,731	45,201
2015	37,853	637,813	29,924,305	46,917
2016	38,461	647,485	31,194,056	48,177
2017	39,917	654,139	32,491,238	49,670
Total, excl. gov't				
2008	37,164	498,433	19,172,836	38,466
2009	37,540	469,735	18,242,594	38,836
2010	36,766	465,579	18,279,136	39,261
2011	36,432	472,620	18,818,432	39,817
2012	36,562	484,078	19,773,483	40,848
2013	36,834	497,386	20,624,513	41,466
2014	37,122	504,574	21,481,219	42,573
2015	37,847	514,786	22,852,039	44,391
2016	38,455	525,065	23,914,069	45,545
2017	39,911	531,817	25,014,113	47,035
Private non-agr. 2/				
2008	36,711	491,700	18,967,223	38,575
2009	37,088	463,296	18,042,111	38,943
2010	36,316	459,428	18,088,289	39,371
2011	36,003	466,567	18,621,443	39,912
2012	36,139	477,978	19,565,937	40,935
2013	36,407	491,256	20,417,110	41,561
2014	36,677	498,264	21,264,910	42,678
2015	37,389	508,379	22,623,850	44,502
2016	37,986	519,037	23,692,684	45,647
2017	39,427	526,029	24,796,823	47,140

1/ Nonprofit employers and employers with zero employment are included.

2/ 'Total, excluding government' less 'Goods-producing, Code 11 - Agriculture, forestry, fishing and hunting'.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) and records and <<http://www.hiwi.org/gsipub/index.asp?docid=420>> accessed January 25, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.27-- EMPLOYMENT AND WAGES, BY COUNTY: 2016 AND 2017

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Industries classified according to the North American Industry Classification System]

County	Number of reporting units, December 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
2016 Total, including gov't				
State total 2/	38,461	647,485	31,194,056	48,177
City and County of Honolulu	25,658	472,330	23,728,238	50,237
Hawaii County	5,021	68,583	2,874,370	41,911
Maui County	5,419	75,621	3,261,312	43,127
Kauai County	2,369	30,951	1,330,135	42,976
2016 Total, excluding gov't				
State total	38,455	525,065	23,914,069	45,545
City and County of Honolulu	25,655	376,792	18,038,264	47,873
Hawaii County	5,018	55,934	2,137,092	38,207
Maui County	5,416	65,948	2,676,983	40,592
Kauai County	2,366	26,392	1,061,731	40,229
2017 Total, including gov't				
State total 2/	39,917	654,139	32,491,238	49,670
City and County of Honolulu	26,859	474,488	24,630,732	51,910
Hawaii County	5,116	70,381	3,001,541	42,647
Maui County	5,519	77,278	3,448,506	44,625
Kauai County	2,429	31,992	1,410,459	44,088
2017 Total, excluding gov't				
State total	39,911	531,817	25,014,113	47,035
City and County of Honolulu	26,856	378,474	18,781,253	49,624
Hawaii County	5,113	57,685	2,244,570	38,911
Maui County	5,516	68,284	2,857,022	41,840
Kauai County	2,426	27,374	1,131,268	41,326

1/ Nonprofit employers and employers with zero employment are included.

2/ The sum of the components is 6 reporting units higher than the published total as each counts the State and Federal governments separately while at the state level there is only one each.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) <<http://www.hiwi.org/gsipub/index.asp?docid=420>> accessed January 25, 2019.

Table 12.28-- EMPLOYMENT AND WAGES, BY NAICS INDUSTRY: 2017

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees Classified by Industry. Industries classified according to the North American Industry Classification System (NAICS)]

NAICS code	Industry	Number of reporting units, Dec. 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
	Total, including government	39,917	654,139	32,491,238	49,670
	Government	6	122,322	7,477,125	61,127
	Federal	1	33,374	2,593,821	77,720
	State	1	69,978	3,596,069	51,389
	County	4	18,970	1,287,235	67,856
	Total, excluding government	39,911	531,817	25,014,113	47,035
11	Ag., forestry, fishing & hunting	484	5,788	217,290	37,541
21	Mining, quarrying, oil & gas extr.	12	236	20,396	86,426
22	Utilities	89	3,781	385,726	102,017
23	Construction	3,741	35,890	2,648,431	73,793
31-33	Manufacturing	1,013	14,270	647,206	45,354
311	Food manufacturing	357	6,594	218,029	33,065
323	Printing & rel. support activ.	100	725	26,435	36,463
324	Petroleum & coal products	11	550	67,419	122,580
42	Wholesale trade	2,047	17,919	1,079,445	60,240
44-45	Retail trade	4,559	71,102	2,285,485	32,144
448	Clothing & clothing access.	1,168	11,450	294,578	25,727
48-49	Trans. & warehousing	1,046	28,959	1,612,544	55,684
487	Scenic & sightseeing trans.	244	4,398	162,751	37,006
51	Information	684	9,006	561,735	62,373
52	Finance and insurance	1,646	15,600	1,165,616	74,719
53	Real estate, rental & leasing	2,043	12,509	693,178	55,414
54	Prof. and tech. services	4,705	24,398	1,816,642	74,459
55	Mgt of companies & enterprises	488	8,866	783,793	88,404
56	Admin. and waste services	2,672	49,034	1,737,109	35,427
61	Educational services	744	14,184	553,345	39,012
62	Health care and soc. assist.	4,023	70,106	3,795,884	54,145
621	Amb. health care services	2,936	28,794	1,823,586	63,332
622	Hospitals	20	16,406	1,243,826	75,815
623	Nursing and resid. care fac.	176	8,485	316,797	37,336
624	Social assistance	891	16,421	411,675	25,070
71	Arts, entertain., and recrea.	650	12,649	370,845	29,318
72	Accom. and food services	4,051	110,486	3,661,085	33,136
721	Accommodation	423	41,551	2,060,110	49,580
722	Food services & drinking places	3,628	68,935	1,600,975	23,224
81	Other serv., exc. public adm.	4,021	26,492	940,202	35,490
99	Unclassified	1,193	542	38,155	70,397

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2017 Employment and Payrolls in Hawaii* (October 2018) <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2017.pdf> accessed January 25, 2019.

Table 12.29-- AVERAGE ANNUAL WAGE IN CURRENT AND CONSTANT DOLLARS: 1969 TO 2017

[For "Employees Covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees". Including government]

Year	Current dollars	CPI-U All Items Honolulu, 1982-84 = 100.0	1982-1984 dollars 1/	Year	Current dollars	CPI-U All Items Honolulu, 1982-84 = 100.0	1982-1984 dollars 1/
1969	6,876	39.4	17,452	1994	26,718	164.5	16,242
1970	7,424	41.5	17,889	1995	26,983	168.1	16,052
1971	7,677	43.2	17,771	1996	27,359	170.7	16,028
1972	7,989	44.6	17,913	1997	28,356	171.9	16,496
1973	8,479	46.6	18,195	1998	29,029	171.5	16,927
1974	9,087	51.5	17,645	1999	29,788	173.3	17,189
1975	9,767	56.3	17,348	2000	30,628	176.3	17,373
1976	10,347	59.1	17,508	2001	31,241	178.4	17,512
1977	10,903	62.1	17,557	2002	32,669	180.3	18,119
1978	11,630	66.9	17,384	2003	33,735	184.5	18,285
1979	12,429	74.3	16,728	2004	35,191	190.6	18,463
1980	13,548	83.0	16,323	2005	36,347	197.8	18,376
1981	14,471	91.7	15,781	2006	37,784	209.4	18,044
1982	15,367	97.2	15,810	2007 2/	39,465	219.504	17,979
1983	16,115	99.3	16,229	2008 2/	40,664	228.861	17,768
1984	16,714	103.5	16,149	2009 2/	41,328	230.048	17,965
1985	17,335	106.8	16,231	2010 2/	41,681	234.869	17,746
1986	18,069	109.4	16,516	2011 2/	42,454	243.622	17,426
1987	19,060	114.9	16,588	2012 2/	43,365	249.474	17,383
1988	20,454	121.7	16,807	2013 2/	43,828	253.924	17,260
1989	21,635	128.7	16,810	2014 2/	45,201	257.589	17,548
1990	23,109	138.1	16,734	2015 2/	46,917	260.165	18,034
1991	24,051	148.0	16,251	2016 2/	48,177	265.283	18,161
1992	25,532	155.1	16,462	2017 2/	49,670	272.014	18,260
1993	26,544	160.1	16,580				

1/ Current dollars deflated by the Consumer Price Index (CPI-U), All Items for Honolulu.

2/ U.S. Bureau of Labor Statistics began reporting the CPI in 3-decimal places in January 2007.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) and 1985-1989 <http://www.hiwi.org/admin/uploadedPublications/659_ES8500.txt> and 2000-2017 <<https://www.hiwi.org/gsipub/index.asp?docid=420>> accessed January 25, 2019; Hawaii State Department of Business, Economic Development & Tourism, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base; for 1987-2018 U.S. Bureau of Labor Statistics, Honolulu Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U) <<http://www.bls.gov/cpi/home.htm>> January 11, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.30-- AVERAGE ANNUAL WAGE, IN CURRENT AND CONSTANT DOLLARS, BY SELECTED INDUSTRY: 2007 AND 2017

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Industries classified according to the North American Industrial Classification System]

Industry	2007 1/	2017 2/		Percent change, 2007-2017 3/	
		Current dollars	2007 dollars 4/	Current dollars	2007 dollars 4/
All industries	39,465	49,670	39,349	25.9	-0.3
Federal	61,405	61,127	48,425	-0.5	-21.1
State	41,391	51,389	40,711	24.2	-1.6
County	50,569	67,856	53,756	34.2	6.3
Private	37,436	47,035	37,262	25.6	-0.5

1/ According to the Standard Industrial Classification Code.

2/ According to the North American Industrial Classification System.

3/ The Consumer Price Index-All Urban Consumers (CPI-U) Honolulu, All Items increased 26.2 percent from 2007 to 2017.

4/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu, base shifted to 2007 = 100 or 126.229

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) <<https://www.hiwi.org/gsipub/index.asp?docid=420>> accessed January 25, 2019; U.S. Bureau of Labor Statistics, Honolulu Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U) <<http://www.bls.gov/cpi/home.htm>> accessed January 11, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.31-- REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 2017

[Excluding government]

County	Subject 1/	All units	Size of firm								
			0 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 or more
State total	Reporting units	39,911	22,873	6,980	4,867	3,273	1,165	516	158	55	24
	Employment	540,899	35,596	46,174	65,857	98,194	80,010	76,410	54,613	36,123	47,922
City and County of Honolulu	Reporting units	26,856	15,480	4,493	3,279	2,226	841	370	107	40	20
	Employment	383,583	23,657	29,799	44,451	66,766	58,565	55,028	36,459	25,900	42,958
Hawaii County	Reporting units	5,113	2,890	950	667	406	120	53	23	4	(2/)
	Employment	59,151	4,800	6,320	9,025	11,975	8,065	7,439	7,936	3,591	(2/)
Maui County	Reporting units	5,516	3,171	1,033	630	446	138	62	25	11	(2/)
	Employment	70,278	4,997	6,786	8,434	13,360	9,023	9,109	9,399	9,170	(2/)
Kauai County	Reporting units	2,426	1,332	504	291	195	66	31	3	4	-
	Employment	27,887	2,142	3,269	3,947	6,093	4,357	4,834	819	2,426	-

1/ Multi-establishment employers are counted for each worksite reported, except for the construction industry, which reports separately only for major projects. Some worksites are further distributed by industrial classification.

2/ Data from larger classes combined to prevent the disclosure of confidential information.

Source: Hawaii State Department of Labor and Industrial Relations, *2017 Employment and Payrolls in Hawaii* (October 2018), p. 92
 <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2017.pdf> accessed January 25, 2019.

Table 12.32-- ANNUAL AVERAGE WAGES, TOTAL AND PRIVATE INDUSTRY FOR HAWAII AND THE UNITED STATES: 1990 TO 2018

[Based on data submitted by employers subject to State unemployment insurance (UI) laws, and by Federal agencies subject to the Unemployment Compensation for Federal Employees (UCFE) program]

Year	Annual average wages (dollars)				Hawaii as percent of U.S		Hawaii rank 1/	
	Hawaii		U.S.		Total	Private only	Total	Private only
	Total	Private only	Total	Private only				
1990	23,167	22,244	23,602	23,258	98.2	95.6	13	18
1991	24,104	23,176	24,578	24,178	98.1	95.9	13	19
1992	25,613	24,585	25,897	25,547	98.9	96.2	13	19
1993	26,325	25,312	26,361	25,934	99.9	97.6	12	16
1994	26,746	25,647	26,939	26,496	99.3	96.8	13	17
1995	26,977	25,913	27,846	27,441	96.9	94.4	16	21
1996	27,352	26,371	28,946	28,582	94.5	92.3	22	23
1997	28,357	26,979	30,353	30,064	93.4	89.7	24	28
1998	29,036	27,672	31,945	31,762	90.9	87.1	26	30
1999	29,794	28,163	33,340	33,244	89.4	84.7	27	32
2000	30,628	29,179	35,323	35,337	86.7	82.6	29	32
2001	31,253	29,816	36,219	36,157	86.3	82.5	31	34
2002	32,671	30,947	36,764	36,539	88.9	84.7	27	32
2003	33,742	31,974	37,765	37,508	89.3	85.2	26	31
2004	35,198	33,583	39,354	39,134	89.4	85.8	25	31
2005	36,353	34,564	40,677	40,505	89.4	85.3	26	31
2006	37,799	35,909	42,535	42,414	88.9	84.7	26	34
2007	39,466	37,437	44,458	44,362	88.8	84.4	26	34
2008	40,675	38,478	45,563	45,371	89.3	84.8	25	33
2009	41,328	38,836	45,559	45,155	90.7	86.0	23	31
2010	41,709	39,294	46,751	46,455	89.2	84.6	25	33
2011	42,473	39,838	48,043	47,815	88.4	83.3	26	38
2012	43,385	40,871	49,289	49,200	88.0	83.1	28	38
2013	43,845	41,485	49,808	49,701	88.0	83.5	29	37
2014	45,210	42,583	51,364	51,296	88.0	83.0	27	37
2015	46,919	44,393	52,942	52,876	88.6	84.0	25	35
2016 2/	48,178	45,546	53,621	53,515	89.8	85.1	24	32
2017 2/	49,671	47,037	55,390	55,338	89.7	85.0	24	30
2018	50,979	48,377	57,265	57,198	89.0	84.6	24	33

1/ Rank of 1 indicates the highest annual wages per employee. District of Columbia is included.

2/ 2016 'Total' rank, and 2017 'Total' and 'Private' wages and percent revised from previous *Data Book*.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages* (annual), table 1, see also tables 5, 6, and 10; "Quarterly Census of Employment and Wages" <<http://www.bls.gov/cew/>> accessed July 12, 2019; QCEW Data Viewer <http://data.bls.gov/cew/apps/data_views/data_views.htm#tab=Tables>; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 12.33-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2014 TO 2018

[2017 and 2018 data have been benchmarked. Number of production workers rounded to nearest 50]

Subject 1/	2014	2015	2016	2017	2018
Production workers					
Natural resources, mining & construction 2/	23,600	25,600	28,400	26,800	26,900
Manufacturing 2/	9,800	9,700	9,700	10,000	10,000
Trade, transportation and utilities 3/	98,100	100,800	100,600	101,900	103,300
Wholesale trade 4/	12,700	14,000	14,200	13,600	14,000
Retail trade 3/	58,500	59,300	58,100	58,200	60,400
Financial activities 2/	20,800	20,600	21,000	21,600	22,000
Accommodation and food services 2/	91,800	92,800	95,700	99,700	103,600
Food services and drinking places	55,500	56,500	58,700	61,200	61,200
Average weekly earnings (dollars)					
Natural resources, mining & construction 2/	1,314.58	1,301.70	1,300.99	1,440.00	1,510.83
Manufacturing 2/	718.27	817.68	849.58	813.45	765.37
Trade, transportation and utilities	792.62	835.59	823.97	832.66	864.62
Wholesale trade	895.44	904.26	812.31	796.22	779.65
Retail trade	508.80	553.96	606.92	603.88	635.36
Financial activities 2/	818.33	837.72	796.84	797.18	849.39
Accommodation and food services	523.14	503.43	499.29	522.48	506.23
Food services and drinking places	419.29	387.06	381.13	391.17	375.71
Average weekly hours					
Natural resources, mining & construction	35.8	34.4	35.2	36.0	36.9
Manufacturing	39.1	40.6	39.7	39.7	37.1
Trade, transportation and utilities	33.7	34.5	33.7	34.0	34.0
Wholesale trade	39.0	40.1	38.7	41.6	39.9
Retail trade	31.8	31.8	32.3	31.8	32.4
Financial activities	36.5	36.0	34.6	34.6	34.5
Accommodation and food services	30.9	29.1	27.8	28.0	26.7
Food services and drinking places	29.8	27.2	25.7	25.6	23.9
Average hourly earnings (dollars)					
Natural resources, mining & construction 2/	36.72	37.84	36.96	40.00	42.57
Manufacturing 2/	18.37	20.14	21.40	20.49	20.63
Trade, transportation and utilities	23.52	24.22	24.45	24.49	25.43
Wholesale trade	22.96	22.55	20.99	19.14	19.54
Retail trade	16.00	17.42	18.79	18.99	19.61
Financial activities 2/	22.42	23.27	23.03	23.04	24.62
Accommodation and food services	16.93	17.30	17.96	18.66	18.96
Food services and drinking places	14.07	14.23	14.83	15.28	15.72

1/ Data for 'Information' and 'Accommodation' are no longer available.

2/ 2017 revised from previous *Data Book*.

3/ 2015 and 2017 revised from previous *Data Book*.

4/ 2014, 2016, and 2017 revised from previous *Data Book*.

Source: Hawaii State Department of Labor and Industrial Relations, "Production Worker Hours & Earnings, All Selected Industries" <<https://www.hiwi.org/gsipub/index.asp?docid=419>> accessed April 3, 2019.

Table 12.34-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY: 2005 TO 2013

[In dollars. Wage data are weighted averages and cover regular full-time and part-time employees. These 14 job titles are meant to be only illustrative of those reported. Over this period, the survey was conducted some time between June through September and covered 90 jobs for the 2005 and 2006 reports, 91 jobs for the 2007, 82 for the 2008, 94 for the 2009 through 2011, and 100 for 2013]

Job classification	Job code	2005	2006	2007	2008	2009	2010	2011	2013
Clerk, entry level	43.03	10.84	11.15	11.25	11.90	12.30	13.36	13.98	14.54
Secretary	43.06	15.80	16.02	16.39	17.53	18.12	18.59	19.00	19.21
Telephone operator 1/	43.10	15.26	14.79	15.44	15.95	16.52	17.53	17.39	18.47
Bookkeeper 2/	46.06	18.10	19.13	18.00	20.42	18.48	21.68	20.54	22.59
Cashier	46.07	14.91	15.48	16.26	16.90	18.29	16.59	15.87	18.29
Engineering drafting tech.	47.01	28.14	21.86	27.35	30.48	28.17	32.01	29.32	32.87
Housekeeper	48.01	13.07	13.60	13.82	14.35	14.92	14.92	15.44	16.37
Cook, general	48.09	15.48	17.15	16.08	16.64	17.93	17.95	17.55	19.30
Wait help	48.13	6.85	7.57	8.50	7.97	7.95	7.94	8.20	8.73
Laborer, light	50.06	9.55	10.87	10.12	10.68	10.41	10.31	10.67	10.33
Carpenter, maintenance	50.12	20.61	21.35	23.12	21.05	23.88	27.14	26.54	23.80
Electrician, maintenance	50.15	24.13	24.33	29.68	28.80	28.76	31.55	30.24	31.77
Automotive mechanic	50.19	23.47	24.55	23.71	24.69	25.43	27.02	25.42	25.62
Driver III (Tractor trailer) 3/	51.05	15.79	17.43	17.26	16.71	18.73	18.64	19.03	19.32

1/ In earlier reports, this category, job code 43.10, was "Switchboard" or "Communications" operator.

2/ In earlier reports, this category, job code 46.06, was "Bookkeeper, full-charge".

3/ In earlier reports, this category, job code 51.05, was "Truck driver (trailer)".

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

Table 12.35-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTY: 2013

[In dollars. Wage data are weighted averages, as of the July through September survey period and were effective for July 1, 2013 and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 100 reported]

Job classification	Job code	State	Kauai County	City & County of Honolulu	Maui County	Hawaii County
Clerk, entry level	43.03	14.54	(1/)	14.65	(1/)	13.61
Secretary	43.06	19.21	(1/)	19.16	(1/)	(1/)
Telephone operator 2/	43.10	18.47	(1/)	18.79	(1/)	(1/)
Bookkeeper 3/	46.06	22.59	(1/)	22.42	(1/)	(1/)
Cashier	46.07	18.29	(1/)	18.26	(1/)	(1/)
Engineering drafting technician	47.01	32.87	(1/)	(1/)	(1/)	(1/)
Housekeeper	48.01	16.37	(1/)	16.73	15.65	(1/)
Cook, general	48.09	19.30	(1/)	17.95	20.08	16.69
Wait help	48.13	8.73	(1/)	9.04	8.06	(1/)
Laborer, light	50.06	10.33	(1/)	9.66	(1/)	12.38
Carpenter, maintenance	50.12	23.80	(1/)	23.73	(1/)	(1/)
Electrician, maintenance	50.15	31.77	(1/)	33.70	(1/)	(1/)
Automotive mechanic	50.19	25.62	(1/)	26.51	24.66	(1/)
Driver III (Tractor trailer) 4/	51.05	19.32	(1/)	19.13	(1/)	18.90

1/ Not disclosed. Jobs reported by fewer than five facilities or fewer than eight employees reported.

2/ In earlier reports, this category, job code 43.10, was "Switchboard" or "Communications" operator.

3/ In earlier reports, this category, job code 46.06, was "Bookkeeper, full-charge".

4/ In earlier reports, this category, job code 51.05, was "Truck driver (trailer)".

Source: Hawaii Employers Council, *Pay Rates in Hawaii 2013* (Research Report Number 4381, October 2013).

Table 12.36-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: MAY 2018

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail salespersons	24,560	14.68	30,530
35-3031	Waiters and waitresses	19,130	25.05	52,110
41-2011	Cashiers	14,590	12.55	26,100
35-3021	Combined food prep. & serving workers including fast food	14,250	11.93	24,820
37-2012	Maids and housekeeping cleaners	13,420	18.32	38,100
37-2011	Janitors and cleaners except maids and housekeeping cleaners	12,860	15.07	31,350
29-1141	Registered nurses	11,310	47.16	98,080
35-2014	Cooks, restaurant	10,660	16.51	34,330
43-9061	Office clerks, general	10,440	16.37	34,050
43-6014	Secretaries & admin. assistants, exc. legal, medical, and executive	10,370	19.37	40,290
11-1021	General and operations managers	9,550	54.83	114,040
33-9032	Security guards	9,460	16.03	33,330
43-5081	Stock clerks and order fillers	8,710	14.48	30,130
37-3011	Landscaping and groundskeeping workers	8,230	16.38	34,070
43-4051	Customer service representatives	8,070	18.59	38,670
35-2021	Food preparation workers	7,700	13.78	28,660
43-1011	First-line supervisors of office & admin. support workers	7,550	28.01	58,260
41-1011	First-line supervisors of retail sales workers	7,430	21.82	45,370
53-7062	Laborers & freight, stock, & material movers, hand	7,280	17.89	37,210
49-9071	Maintenance and repair workers, general	7,180	22.75	47,310
25-3097	Teachers & instructors, all other, exc. substitute teachers	6,600	(3/)	44,520
43-3031	Bookkeeping, accounting, & auditing clerks	6,220	20.01	41,620
25-2021	Elementary school teachers exc. special educ.	6,040	(3/)	61,240
25-9041	Teacher assistants	5,890	(3/)	30,230
35-1012	First-line supervisors of food preparation and serving workers	5,850	20.35	42,330

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

3/ Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2017 State Occupational Employment and Wage Estimates Hawaii" <http://www.bls.gov/oes/current/oes_hi.htm> accessed April 4, 2019.

Table 12.37-- EMPLOYMENT AND WAGES OF URBAN HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2018

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail salespersons	17,570	14.65	30,470
35-3031	Waiters & waitresses	11,360	25.23	52,480
35-3021	Combined food preparation & serving workers, including fast food	10,380	11.80	24,540
41-2011	Cashiers	9,430	12.21	25,390
37-2011	Janitors & cleaners, exc. maids & housekeeping cleaners	9,390	14.95	31,100
29-1141	Registered nurses	9,150	47.88	99,600
33-9032	Security guards	7,850	15.72	32,690
43-9061	Office clerks, general	7,670	16.48	34,270
43-6014	Secretaries & administrative assistants, except legal, medical, and executive	7,590	19.52	40,590
37-2012	Maids and housekeeping cleaners	7,130	19.18	39,900
11-1021	General and operations managers	6,890	57.90	120,430
35-2014	Cooks, restaurant	6,530	14.97	31,140
43-4051	Customer service representatives	6,240	18.82	39,150
53-7062	Laborers & freight, stock, & material movers, hand	5,640	17.96	37,360
43-1011	First-line supervisors of office & admin. support workers	5,600	28.87	60,050
43-5081	Stock clerks and order fillers	5,540	14.41	29,970
35-2021	Food preparation workers	5,470	13.32	27,700
25-3097	Teachers & instructors, all other, exc. substitute teachers	5,420	(3/)	45,370
41-1011	First-line supervisors of retail sales workers	4,910	21.95	45,660
25-2021	Elementary school teachers, except special education	4,660	(3/)	61,550
25-9041	Teacher assistants	4,510	(3/)	30,330
43-3031	Bookkeeping, accounting, & auditing clerks	4,460	19.98	41,560
37-3011	Landscaping and groundskeeping workers	4,390	15.28	31,790
13-1199	Business operations specialists, all other	4,340	35.73	74,320
49-9071	Maintenance & repair workers, general	4,320	22.72	47,260

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

3/ Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2018 Metropolitan Area Occupational Employment and Wage Estimates Urban Honolulu, HI MSA"

<http://www.bls.gov/oes/current/oes_46520.htm> accessed April 9, 2019.

Table 12.38-- EMPLOYMENT AND WAGES OF KAHULUI-WAILUKU-LAHAINA METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2018

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
35-3031	Waiters & waitresses	4,130	25.04	52,080
41-2031	Retail salespersons	3,480	14.63	30,420
37-2012	Maids and housekeeping cleaners	3,230	17.89	37,200
41-2011	Cashiers	2,420	13.57	28,230
35-2014	Cooks, restaurant	1,950	20.47	42,580
37-3011	Landscaping & groundskeeping workers	1,670	17.36	36,120
35-3021	Combined food preparation and serving workers, including fast food	1,570	12.56	26,120
49-9071	Maintenance & repair workers, general	1,460	23.52	48,910
37-2011	Janitors & cleaners, exc. maids & housekeeping cleaners	1,280	16.91	35,160
43-5081	Stock clerks and order fillers	1,140	15.33	31,890
43-9061	Office clerks, general	1,110	16.63	34,580
41-1011	First-line supervisors of retail sales workers	1,100	23.40	48,670
43-6014	Secretaries & administrative assistants, except legal, medical, and executive	1,070	19.64	40,860
11-1021	General and operations managers	990	52.99	110,220
35-9011	Dining room & cafeteria attendants & bartender helpers	950	18.58	38,650
35-1012	First-line supervisors of food prep. & serving workers	930	25.18	52,380
29-1141	Registered nurses	840	42.93	89,290
35-3011	Bartenders	820	27.55	57,310
35-2021	Food preparation workers	780	15.95	33,180
43-1011	First-line supervisors of office & admin. support workers	780	25.88	53,820
47-2031	Carpenters	750	32.23	67,040
35-9021	Dishwashers	730	16.04	33,370
43-3031	Bookkeeping, accounting, & auditing clerks	720	20.81	43,280
53-7062	Laborers & freight, stock, & material movers, hand	710	18.48	38,440
43-4081	Hotel, motel, and resort desk clerks	700	21.04	43,760

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2018 Metropolitan Area Occupational Employment and Wage Estimates Kahului-Wailuku-Lahaina, HI MSA" <http://www.bls.gov/oes/current/oes_27980.htm> accessed April 9, 2019.

Table 12.39-- EMPLOYMENT AND WAGES OF HAWAII- KAUAI NONMETROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2018

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
35-3031	Waiters and waitresses	3,640	24.53	51,020
41-2031	Retail salespersons	3,510	14.86	30,910
37-2012	Maids and housekeeping cleaners	3,060	16.77	34,880
41-2011	Cashiers	2,740	12.80	26,630
35-3021	Combined food preparation and serving workers, including fast food	2,300	12.10	25,170
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	2,180	14.51	30,170
35-2014	Cooks, restaurant	2,170	17.57	36,550
37-3011	Landscaping and groundskeeping workers	2,170	17.85	37,120
43-5081	Stock clerks and order fillers	2,020	14.21	29,550
43-6014	Secretaries and administrative assistants, except legal, medical, and executive	1,710	18.54	38,560
11-1021	General and operations managers	1,670	43.27	89,990
43-9061	Office clerks, general	1,660	15.70	32,660
35-2021	Food preparation workers	1,440	14.34	29,830
41-1011	First-line supervisors of retail sales workers	1,410	20.10	41,810
49-9071	Maintenance and repair workers, general	1,400	22.03	45,820
29-1141	Registered nurses	1,330	44.82	93,220
43-4051	Customer service representatives	1,330	17.27	35,930
35-9011	Dining room & cafeteria attendants & bartender helpers	1,190	17.29	35,960
43-1011	First-line supervisors of office and administrative support workers	1,170	25.31	52,650
43-3031	Bookkeeping, accounting, and auditing clerks	1,040	19.57	40,710
31-1011	Home health aides	1,030	12.73	26,470
35-1012	First-line supervisors of food prep. & serving workers	990	19.77	41,120
33-9032	Security guards	970	16.95	35,250
47-2061	Construction laborers	940	26.20	54,490
53-7062	Laborers and freight, stock, and material movers, hand	940	17.02	35,410

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2018 Nonmetropolitan Area Occupational Employment and Wage Estimates, Hawaii-Kauai Nonmetropolitan Area"

<http://www.bls.gov/oes/current/oes_1500001.htm> accessed April 9, 2019.

**Table 12.40-- ANNUAL COMPENSATION OF HIGHEST-PAID EXECUTIVES
OF HAWAII-BASED PUBLIC FIRMS: 1999 TO 2005**

Annual compensation 1/	1999	2000	2001	2002	2003	2004 2/	2005
Number of firms	7	7	9	9	6	6	6
Number of executives	17	17	25	25	15	15	15
Less than \$249,999	-	-	-	-	-	-	-
\$250,000 to \$499,999	4	3	9	11	-	-	-
\$500,000 to \$999,999	10	10	12	8	7	10	9
\$1,000,000 to \$1,999,999	3	4	3	5	7	5	6
\$2,000,000 or more	-	-	1	1	1	-	-
Highest (\$1,000)	1,535	1,611	2,387	2,127	2,519	1,742	1,577

1/ Includes salary, bonus, stock awards, payments under the companies' long-term incentive plans, and other compensation.

2/ No separate list published, top 15 list for 2004 ranked by 2005 annual cash compensation.

Source: *Pacific Business News*, "Highest-paid executives of Hawaii-based public firms", September 12, 2003 and May 26, 2006; and *Pacific Business News, 2005 Book of Lists*, "Highest-paid executives of Hawaii-based public firms", p. 64 (December 20, 2004).

Table 12.41-- MINIMUM WAGE CHRONOLOGY: 1942 TO 2018

[Dollars per hour. As of July 1, unless otherwise specified. Since January 1, 1970, tip credit allowed under certain circumstances]

Effective date	Oahu	Other islands	Effective date	State	Effective date	State
1942 1/	0.25	0.20	1962	1.15	1992 3/	4.75
1943	0.30	0.25	1964 2/	1.25	1993 2/	5.25
1945	0.40	0.40	1969	1.40	2002 2/	5.75
1953	0.65	0.55	1970 2/	1.60	2003 2/	6.25
1955	0.75	0.65	1974	2.00	2006 4/	6.75
1957	0.90	0.85	1975 2/	2.40	2007 4/ 5/	7.25
1958	1.00	1.00	1978	2.65	2015 5/	7.75
			1979	2.90	2016 5/	8.50
			1980	3.10	2017 5/	9.25
			1981	3.35	2018 5/	10.10
			1988 2/	3.85		

1/ At inception of minimum wage law, April 1, 1942.

2/ As of January 1.

3/ As of April 1.

4/ The 2005 Legislature passed Senate Bill 294, Senate Draft 3, House Draft 1, Conference Draft 1 "Relating to Employment" which raises the minimum wage to \$6.75 effective January 1, 2006, and to \$7.25 effective January 1, 2007. Governor Linda Lingle had indicated that she would allow it to become law without her signature. Act 240 became law on July 12, 2005. The federal minimum wage of \$5.15 was in effect from September 1, 1997, and rose to \$5.85 on July 24, 2007 and to \$6.55 and \$7.25 on that day respectively in 2008 and 2009. On July 24, 2009 the federal wage rose to equal the State, the first time that has happened since January 1, 1988.

5/ On May 23, 2014 Governor Neil Abercrombie (Gov. Msg. No. 1182) signed Act 082 into law which increases minimum wage rate to \$7.75 per hour beginning on January 1, 2015, \$8.50 per hour beginning on January 1, 2016, \$9.25 per hour beginning on January 1, 2017, and \$10.10 per hour beginning on January 1, 2018. Act 82 also increases the tip credit to \$0.50 per hour beginning on January 1, 2015, and 75 cents per hour beginning on January 1, 2016; provided that beginning January 1, 2015, the combined amount the employee receives in wages and tips is at least \$7 more than the applicable minimum wage.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office "Minimum Wage (Hawaii and Federal)"

<<https://labor.hawaii.gov/rs/files/2018/02/2018-Minimum-Wage-for-Web.pdf>> accessed July 21, 2019; Hawaii State Legislature, 27th Legislature, 2014 Measure Status Legislature, 27th Legislature, 2014 Measure Status SB2609 SD1 HD2 CD1 Relating to Minimum Wage <http://www.capitol.hawaii.gov/measure_indiv.aspx?billtype=SB&billnumber=2609&year=2014> accessed July 19, 2014; and records.

Table 12.42-- MINIMUM WAGE, BY STATE AND FOR THE DISTRICT OF COLUMBIA: JULY 1, 2019

[Dollars per hour. Applicable to nonsupervisory nonfarm private sector employment under state and federal laws. Where federal (\$7.25 per hour since July 24, 2009) and state law have different minimum wage rates, the higher standard applies. Some local governments set minimum wage rates higher than their respective state's minimum wage. Contact individual state labor offices for details via <http://www.dol.gov/whd/contacts/state_of.htm>]

Area	Minimum wage	Area	Minimum wage
Alabama	(1/)	Nebraska	9.00
Alaska	9.89	Nevada	8.25
Arizona	11.00	New Hampshire	7.25
Arkansas	9.25	New Jersey	10.00
California	11.00	New Mexico	7.50
Colorado	11.00	New York	11.10
Connecticut	10.10	North Carolina	7.25
Delaware	8.75	North Dakota	7.25
Florida	8.46	Ohio	8.55
Georgia	7.25	Oklahoma	7.25
Hawaii	10.10	Oregon	11.25
Idaho 2/	7.25	Pennsylvania	7.25
Illinois	8.25	Rhode Island	10.50
Indiana	7.25	South Carolina	(1/)
Iowa	7.25	South Dakota	9.10
Kansas	7.25	Tennessee	(1/)
Kentucky	7.25	Texas	7.25
Louisiana	(1/)	Utah	7.25
Maine	11.00	Vermont	10.78
Maryland	10.10	Virginia	7.25
Massachusetts	12.00	Washington	12.00
Michigan	9.45	West Virginia	8.75
Minnesota	9.86	Wisconsin	7.25
Mississippi	(1/)	Wyoming	7.25
Missouri	8.60	Dist. of Columbia	14.00
Montana	8.50		

1/ No minimum wage required under state laws.

2/ Had been incorrectly shown as \$8.25 in previous *Data Book*.

Source: U. S. Department of Labor, Wage and Hour Division (WHD), "Consolidated Minimum Wage Table - July 1, 2019" <<http://www.dol.gov/whd/minwage/america.htm>> accessed July 21, 2019.

**Table 12.43-- FEDERAL MINIMUM WAGE WORKERS, ANNUAL AVERAGE:
TOTAL, 2003 TO 2018, AND BY SEX, 2003 TO 2013**

[The federal minimum wage applies if higher than the State minimum wage. In 2003 to 2006, the federal rate had been higher than Hawaii's rate but between July 24, 2007 and December 31, 2014 they were both \$7.25 per hour. On January 1, 2015, Hawaii's minimum wage rose to \$7.75; on January 1, 2016 to \$8.50; January 1, 2017 to \$9.25; January 1, 2018 to \$10.10. See Table 12.42 for chronology]

Group and year	Number of workers (in 1,000)			Workers paid hourly rates (in percent)			Median earnings (in dollars)	
	Total paid hourly rates	At or below Federal minimum wage			At or below Federal minimum wage			
		Total	At	Below	Total	At		Below
Total								
2003	309	4	1	3	1.3	0.3	1.0	11
2004	329	5	1	4	1.5	0.3	1.2	11
2005	341	4	(1/)	4	1.2	0.0	1.2	12
2006	347	4	1	3	1.2	0.3	0.9	12
2007	338	4	(1/)	4	1.2	0.0	1.2	13
2008	338	5	(1/)	5	1.5	0.0	1.5	13
2009	320	9	3	6	2.8	0.9	1.9	13
2010	318	15	8	7	4.7	2.5	2.2	14
2011	321	15	8	7	4.7	2.5	2.2	14
2012	331	14	7	7	4.2	2.1	2.1	14
2013	325	15	10	5	4.6	3.1	1.5	14
2014	335	17	12	5	5.1	3.6	1.5	(NA)
2015	356	10	5	5	2.8	1.5	1.3	(NA)
2016	363	5	1	4	1.3	0.3	1.1	(NA)
2017	372	6	1	5	1.7	0.3	1.4	(NA)
2018	353	8	1	7	2.2	0.2	1.9	(NA)
Men								
2003	160	2	1	1	1.3	0.6	0.6	12
2004	169	1	(1/)	1	0.6	0.0	0.6	12
2005	168	1	(1/)	1	0.6	0.0	0.6	13
2006	174	1	(1/)	1	0.6	0.0	0.6	14
2007	174	1	(1/)	1	0.6	0.0	0.6	15
2008	175	3	(1/)	3	1.7	0.0	1.7	14
2009	165	4	1	3	2.4	0.6	1.8	15
2010	160	5	3	2	3.1	1.9	1.3	15
2011	160	8	4	4	5.0	2.5	2.5	15
2012	177	7	4	3	4.0	2.3	1.7	15
2013	168	7	4	3	4.2	2.4	1.8	14

Continued on next page.

**Table 12.43-- FEDERAL MINIMUM WAGE WORKERS, ANNUAL AVERAGE:
TOTAL, 2003 TO 2018, AND BY SEX, 2003 TO 2013 -- Con.**

Group and year	Number of workers (in 1,000)			Workers paid hourly rates (in percent)			Median earnings (in dollars)	
	Total paid hourly rates	At or below Federal minimum wage			At or below Federal minimum wage			
		Total	At	Below	Total	At		Below
Women								
2003	149	2	-	2	1.3	0.0	1.3	10
2004	160	3	(1/)	3	1.9	0.0	1.9	10
2005	173	3	(1/)	3	1.7	0.0	1.7	11
2006	173	3	1	2	1.7	0.6	1.2	11
2007	164	3	(1/)	3	1.8	0.0	1.8	12
2008	163	3	-	3	1.8	0.0	1.8	12
2009	155	5	2	3	3.2	1.3	1.9	12
2010	158	10	5	5	6.3	3.2	3.2	12
2011	161	7	4	3	4.3	2.5	1.9	13
2012	154	7	4	3	4.5	2.6	1.9	13
2013	157	7	5	2	4.5	3.2	1.3	13

NA Not available.

1/ Rounds to less than 0.5.

Source: U. S. Department of Labor, West Information Office, "Minimum Wage Workers in Hawaii - 2013" 14-898-SAN (June 25, 2014) <<http://www.bls.gov/ro9/mwhi.pdf>> accessed July 19, 2014; U.S. Bureau of Labor Statistics, *Characteristics of minimum wage workers*, "Table 3. Wage and salary workers paid hourly rates with earnings at or below the prevailing federal minimum wage, by state" (annual) <https://www.bls.gov/opub/reports/#cps_minimum_wage> accessed May 22, 2019.

Table 12.44-- COMPENSATION OF LEADERS OF LARGE LABOR UNIONS: 2007 AND 2008

[In order of decreasing 2008 compensation]

Executive	Labor union	Members in 2008	Compensation	
			2007	2008
T. George Paris, Director	Hawaii Iron Workers' Stabilization Fund	(X)	251,371	403,439
Lynn Kinney, Secretary/treasurer	Painters AFL-CIO District Council 50	(X)	286,427	285,926
Reginald Castanares, Financial sec'ty	Plumbers Local 675	1,965	153,258	240,325
Ronald Taketa, Financial sec'ty	Hawaii Carpenters Union	7,200	210,157	219,445
J.N. Musto, Executive director	Univ. of Hawaii Professional Assembly	3,898	176,768	193,417
Patrick Loo, President	Food & Commercial Workers Union, Local 480	1,963	176,097	184,413
Gerald Yuh, Bus. Mgr./financial sec'ty	Int'l Brotherhood Elect. Workers, Local 1186	3,249	183,767	164,655
Rodney Capello, Bus. mgr./sec'ty/treas. 1/	Hawaii Electrical Workers 1/	198	1/ 39,947	163,185
Dayton Nakanelua, State director	United Public Workers	14,155	133,836	142,765
Arthur Tolentino, Financial sec'ty/bus. mgr.	Sheet Metal Workers Local 293	770	117,095	124,616
Ronan Kozuma, President	Teamsters Local 996	6,062	112,453	124,428
Joseph O' Donnell, Financial sec'ty/bus. mgr.	Ironworkers AFL-CIO Local 625	780	106,772	121,260
John Jumalon, Bus. mgr./financial sec'ty	Int'l Brotherhood Elect. Workers, Local 1260	2,832	58,406	118,961
Scot Long, Bus. mgr./financial sec'ty	Int'l Brotherhood Elect. Workers, Local 1357	1,616	109,391	118,502
Mike McCartney, Executive director	Hawaii State Teachers Association (from Sept. 2007)	(NA)	(X)	112,261
Randolf Kauhane, AGC	Machinists Union District Lodge 141	33,254	104,718	107,264
Fred Galdones, President	Int'l Longshore Emp. & Warehouse (ILWU), Local 142	18,046	100,475	103,946
Vaughn Chong, Financial sec'ty/bus. mgr.	Roofers AFL-CIO Local 221	284	98,077	99,081
William Hong, Executive director	Building & Construction Trades Council	(X)	94,068	94,068
Randy Perreira, Executive director	Hawaii Gov't Employees Ass'n, AFSCME Local 152	(NA)	(X)	90,906
Wayne Cahill, Administrative officer	Communications Workers Local 39117	516	85,030	84,495
Eric Gill, Financial sec'ty/treasurer	Unite Here Local 5	10,112	68,220	77,630
Lawrence Correa, President	Bricklayers Union	1,257	64,579	69,971
Nolan Moriwaki, Financial secretary	Plasterers & Cement Masons Local 630	1,009	68,497	66,622
Jerry Ahue, President	Communications Workers Local 1491	169	75,044	50,905
Stuart McKinley, Executive director	Hawaii Nurses' Association	3,606	(X)	30,850
Gerald Liu, Secretary/treasurer	Machinists Union Lodge 1479	3,190	30,941	30,514

X Not applicable.

NA Not available.

1/ Reflects a *Honolulu Advertiser* 'Correction' to the August 2, 2009 article correcting Mr. Cappello's affiliation and clarifying that the 2007 income is for a 3-month period.

Source: *Honolulu Advertiser*, "As unions struggle, leaders' pay goes up" (August 2, 2009)

<<http://www.honoluluadvertiser.com/article/20090802/NEWS01/908020365/As+unions+struggle++leaders++pay+goes+up>> accessed August 2, 2009 and 'Corrections' <<http://www.honoluloadvertiser.com/article/99999999/NEWS49/80319019/1340>> accessed August 5, 2009.

**Table 12.45-- AVERAGE AND TOTAL WEEKLY HOURS AT WORK:
2000 TO 2017**

[In thousands of persons and number of hours. No reports were issued for 2005 to 2007]

Year	Weekly hours								Average hours	
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 hrs. & over	Total at work	Persons who usually work full-time
2000	544	26	74	39	29	243	43	91	40.3	43.9
2001	550	28	75	48	31	235	42	91	38.4	42.4
2002	534	24	70	39	24	253	38	87	38.6	42.3
2003	569	26	71	41	26	279	37	89	38.6	42.3
2004	567	25	68	44	31	276	38	85	38.6	42.1
2008	602	29	81	44	28	293	36	91	38.2	41.9
2009	560	31	78	58	30	255	32	76	37.4	41.1
2010	558	29	76	53	32	262	31	75	37.6	41.4
2011	598	30	80	46	26	309	34	74	37.6	41.5
2012	585	29	73	44	27	303	30	79	37.9	41.7
2013	592	25	73	40	26	319	28	82	38.4	42.0
2014	618	27	82	43	24	328	31	84	38.1	41.9
2015	631	30	86	49	26	333	29	78	37.6	41.6
2016	642	24	77	42	27	360	32	80	38.3	41.7
2017	640	28	81	44	30	331	35	91	38.2	41.9

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2004* (Bulletin 2716) table 22 <<http://www.bls.gov/opub/gp/laugp.htm>> accessed January 16, 2009; Ibid. *2008* (Bulletin 2737, March 2010) <http://www.bls.gov/opub/gp/pdf/gp08_16.pdf> accessed March 2, 2010; Ibid. *2009*, (Bulletin 2748, July 2010) <http://www.bls.gov/opub/gp/pdf/gp09_22.pdf> accessed March 16, 2011; Ibid. *2010* <http://www.bls.gov/opub/gp/pdf/gp10_22.pdf> accessed June 1, 2012; Ibid. *2011* <http://www.bls.gov/opub/gp/pdf/gp11_22.pdf> accessed May 15, 2013; Ibid. *2012* <http://www.bls.gov/opub/gp/pdf/gp12_22.pdf> accessed March 4, 2014; Ibid. *2013* <http://www.bls.gov/opub/gp/pdf/gp13_22.pdf> accessed March 18, 2015; Ibid. *2014* <http://www.bls.gov/opub/gp/pdf/gp14_22.pdf> accessed February 29, 2016; Ibid. *2015* (May 24, 2018) <<https://www.bls.gov/opub/geographic-profile/2015/home.htm>> accessed July 17, 2018; Ibid. *2016* (July 17, 2018) accessed July 18, 2018; Ibid. *2017* <<https://www.bls.gov/opub/geographic-profile/home.htm>> accessed July 5, 2018; and earlier reports.

Table 12.46-- INTERSTATE MOVEMENT OF JOB-SEEKERS PARTICIPATING IN THE UNEMPLOYMENT INSURANCE PROGRAM: 1949 TO 2018

Year	Island workers on Mainland 1/	Mainland workers in Hawaii 2/	Ratio 3/	Year	Island workers on Mainland 1/	Mainland workers in Hawaii 2/	Ratio 3/
1949	1,030	711	69	1984	4,123	4,220	102
1950	966	1,105	114	1985	4,039	3,993	99
1951	377	1,139	302	1986	3,664	3,932	107
1952	455	1,667	366	1987	3,805	3,161	83
1953	576	1,775	308	1988	3,942	2,974	75
1954	907	1,698	187	1989	3,961	2,679	68
1955	665	1,812	272	1990	5,275	2,910	55
1956	686	1,617	236	1991	7,197	3,453	48
1957	1,100	1,813	165	1992	9,554	4,432	46
1958	1,547	2,219	143	1993	9,543	4,356	46
1959	1,280	2,126	166	1994	10,121	4,229	42
1960	1,716	2,595	151	1995	10,115	4,000	40
1961	2,863	3,235	113	1996	8,633	3,338	39
1962	2,966	3,594	121	1997	7,051	2,356	33
1963	2,683	3,787	141	1998	4,366	2,720	62
1964	2,572	3,705	144	1999	3,511	2,572	73
1965	2,257	3,411	151	2000	2,845	2,910	102
1966	1,859	2,655	143	2001	3,423	3,611	105
1967	2,196	3,102	141	2002	3,223	4,325	134
1968	2,014	2,896	144	2003	2,826	4,247	150
1969	2,652	3,600	136	2004	2,359	3,209	136
1970	5,078	6,062	119	2005	2,399	2,680	112
1971	6,215	6,908	111	2006	2,731	2,273	83
1972	6,124	5,994	98	2007	3,028	2,163	71
1973	5,255	6,116	116	2008	3,986	2,559	64
1974	5,924	6,988	118	2009	4,072	3,842	94
1975	7,607	8,785	115	2010	3,214	3,478	108
1976	7,458	8,334	112	2011	3,148	3,384	107
1977	5,846	8,154	139	2012	3,001	2,896	97
1978	4,313	6,261	145	2013	3,187	2,608	82
1979	4,272	5,250	123	2014	3,316	2,054	62
1980	5,211	4,956	95	2015	3,060	1,742	57
1981	5,485	4,396	80	2016	3,038	1,514	50
1982	5,372	4,848	90	2017	2,691	1,378	51
1983	4,414	4,659	106	2018	2,451	1,278	52

1/ Interstate liable initial claims, State Unemployment Insurance Program (UI), excluding Federal Unemployment Compensation for Federal Employees program (UCFE) and Federal Unemployment Compensation for Ex-Service members program (UCX). Covers Hawaii workers seeking work and filing for benefits on the Mainland.

2/ Interstate agent initial claims (UI), excluding UCFE and UCX. Covers former Mainland workers living in Hawaii and filing unemployment insurance claims against their former Mainland employers.

3/ Interstate agent initial claims as a percent of interstate liable initial claims. Ratios under 100 suggest a net out-migration of workers.

Source: Hawaii State Department of Labor and Industrial Relations, Research & Statistics Office, Operations Management Information Section (OMI), records.

**Table 12.47-- NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES,
PRIVATE INDUSTRY: 1995 TO 2017**

[Numbers in thousands. For 1995 to 2001, 'Injuries' were also presented separately, see *Data Book 2017*. Prior to 2003, industries are according to Standard Industrial Classification (SIC), 1987. Beginning in 2003, industries are according to the North American Industry Classification System (NAICS) manuals, the 2002 for 2003 to 2008, the 2007 for 2009 to 2013 and the 2012 thereafter]

Subject	Total cases		Lost workday cases 1/		Cases without lost workdays
	Number	Per 100 full-time workers	Number	Per 100 full-time workers	
Injuries and illnesses					
1995	27.1	8.0	13.9	4.1	13.1
1996	23.0	6.8	12.1	3.6	10.8
1997	23.5	6.8	12.8	3.7	10.7
1998	21.2	6.5	12.1	3.7	9.1
1999	20.5	6.0	11.4	3.4	9.1
2000	21.4	6.0	12.4	3.5	9.1
2001	20.4	5.7	11.8	3.3	8.6
Injuries and illnesses 2/					
2002	19.5	5.8	3/ 11.8	3/ 3.5	7.8
2003	18.6	5.4	3/ 11.6	3/ 3.4	7.0
2004	17.8	4.9	3/ 10.7	3/ 3.0	7.1
2005	18.5	4.9	3/ 11.5	3/ 3.1	7.0
2006	18.2	4.8	3/ 11.5	3/ 3.0	6.7
2007	18.1	4.6	3/ 11.8	3/ 3.0	6.3
2008	16.7	4.3	3/ 10.4	3/ 2.6	6.3
2009	14.9	4.0	3/ 8.9	3/ 2.4	6.0
2010	14.0	3.9	3/ 8.2	3/ 2.3	5.8
2011	12.7	3.5	3/ 7.6	3/ 2.1	5.0
2012	13.7	3.8	3/ 8.2	3/ 2.3	5.5
2013	13.5	3.7	3/ 8.2	3/ 2.3	5.2
2014	14.3	3.7	3/ 8.6	3/ 2.2	5.7
2015	13.1	3.4	3/ 7.9	3/ 2.1	5.3
2016	13.7	3.5	3/ 8.1	3/ 2.1	5.6
2017	18.0	3.7	3/ 11.4	3/ 2.4	6.6

1/ Days away from work, or days of restricted work activity, or both.

2/ Beginning in 2002, the categories of illnesses were expanded and data not comparable to previous years.

3/ Days away from work, job transfer, or restriction.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Occupational Injuries and Illnesses Survey* (annual); U.S. Bureau of Labor Statistics, "State Occupational Injuries, Illnesses, and Fatalities" <<http://www.bls.gov/iif/oshstate.htm#HI>> accessed May 22, 2019 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.48-- FATAL OCCUPATIONAL INJURIES BY EVENT OR EXPOSURE: 2011 TO 2017

[All workers who died in Hawaii while working, including military personnel, federal government workers and nonresidents, but not residents who died out-of-state. Components may not sum to totals]

Event or exposure 1/	2011	2012	2013	2014	2015	2016	2017
Total	26	20	11	31	18	29	20
Violence & other injuries by persons or animals 2/	(3/)	4	(3/)	4	5	(3/)	3
Transportation incidents 4/	10	3	4	14	6	20	10
Fires and explosions	5	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Falls, slips, trips	6	8	4	7	3	5	5
Exposure to harmful substances or environ.	2	(3/)	2	(3/)	3	(3/)	(3/)
Contact with objects and equipment	(3/)	4	(3/)	3	(3/)	1	(3/)
Overexertion and bodily reaction							

1/ There have been major revisions to the Occupational Injury and Illness Classification System (OIICS), which is used to describe the characteristics of fatal work injuries. Data for the OIICS case characteristics for 2011 represent a break in series with data for prior years. Subsequent revisions may provide partial reclassified data. More information on OIICS can be found at <www.bls.gov/iif/osh/iics.htm>.

2/ Includes violence by persons, self-inflicted injuries, and attacks by animals.

3/ Indicates no data reported or data that do not meet publication standards.

4/ Includes highway, nonhighway, air, water, and rail fatal injuries, and fatal injuries resulting from being struck by a vehicle.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, "Census of Fatal Occupational Injuries (2011 forward)" <<https://data.bls.gov/PDQWeb/fw>> accessed June 13, 2019; and "National Census of Fatal Occupational Injuries in 2017" <<https://www.bls.gov/news.release/pdf/cfoi.pdf>> accessed January 25, 2019.

Table 12.49-- FATAL OCCUPATIONAL INJURIES FOR HAWAII AND THE UNITED STATES: 1992 TO 2017

[All workers who died in Hawaii or the United States while working, including military personnel, federal government workers and nonresidents, but not residents who died out-of-state or out-of-the-country]

Year	Hawaii	United States	Year	Hawaii	United States
1992	28	6,217	2006	30	5,840
1993	26	6,331	2007	23	5,657
1994	21	6,632	2008	19	5,214
1995	24	6,275	2009	13	4,551
1996	27	6,202	2010	19	4,690
1997	19	6,238			
1998	12	6,055	Revised OIICS 1/		
1999	32	6,054	2011	26	4,693
2000	20	5,920	2012	20	4,628
2001 2/	41	5,915	2013	11	4,585
2002	24	5,534	2014	31	4,821
2003	21	5,575	2015	18	4,836
2004	25	5,764	2016	29	5,190
2005	15	5,734	2017	20	5,147

1/ The 2011 data incorporate a major revision in the Occupational Injury and Illness Classification System (OIICS), which is used to describe the characteristics of fatal work injuries. Because of the extensive revisions, data for the OIICS case characteristics for reference year 2011 represent a break in series with data for prior years. See also "Occupational Injury and Illness Classification Manual" <<http://www.bls.gov/iif/oshoiics.htm>>.

2/ Totals for 2001 exclude fatalities resulting from the September 11 terrorist attacks.

Source: U.S. Bureau of Labor Statistics, *Census of Fatal Occupational Injuries All Worker Profile, 1992-2002* (revised data, January 7, 2005) <<http://www.bls.gov/iif/oshwc/foi/cftb0186.pdf>> accessed April 21, 2005; *Census of Fatal Occupational Injuries (CFOI) - Current and Revised Data*, "Census of Fatal Occupational Injuries Charts, 1992-2015 (revised data)" <<http://www.bls.gov/iif/oshcfoi1.htm>> accessed January 5, 2017; <https://www.bls.gov/news.release/foi.nr0.htm> accessed December 19, 2017; State Occupational Injuries, Illnesses, and Fatalities, "Fatal occupational injuries by selected characteristics, by major event or exposure, Hawaii" (annual) <<http://www.bls.gov/iif/oshstate.htm#HI>> accessed January 25, 2019.

**Table 12.50-- WORK INJURIES, DEATHS, TIME LOST AND
COMPENSATION COSTS: 1990 TO 2017**

Year	Reported cases	Reported deaths	Time lost (compensated days)	Compensation costs (\$1,000)
1990	53,050	59	1,434,262	218,837
1991	56,738	51	1,636,375	234,971
1992	49,204	42	1,832,901	288,003
1993	46,762	33	1,957,217	323,763
1994	42,658	41	1,821,164	343,080
1995	37,476	26	1,571,539	326,123
1996	33,628	29	1,371,739	288,495
1997	33,255	30	1,258,468	254,915
1998	30,727	17	1,160,365	233,225
1999	30,309	26	1,108,149	222,056
2000	31,836	34	1,151,879	231,359
2001	30,179	34	1,263,787	252,041
2002	29,757	31	1,277,863	267,827
2003	28,668	27	1,324,577	274,922
2004	26,321	32	1,186,798	271,290
2005	28,018	21	1,094,172	250,779
2006	27,440	32	946,149	242,685
2007	26,105	27	961,564	247,294
2008	24,542	26	957,146	245,763
2009	21,520	20	910,488	244,375
2010	20,654	27	927,096	242,400
2011	20,515	24	945,665	246,780
2012	21,052	22	952,758	248,433
2013	20,721	22	999,969	260,352
2014	20,693	29	1,026,696	270,720
2015	20,805	27	1,129,742	298,237
2016	21,042	33	1,128,972	306,058
2017	20,629	15	1,165,718	325,104

Source: Hawaii State Department of Labor and Industrial Relations, *Workers' Compensation Data Book* (annual) and for 1993 to 2017
<<http://labor.hawaii.gov/rs/home/work-injuries-and-illnesses/workers-compensation-data/>> accessed April 3, 2019.

Table 12.51-- UNION AFFILIATION OF EMPLOYED WAGE AND SALARY WORKERS FOR HAWAII AND THE UNITED STATES: 2000 TO 2018

[Data reflect annually revised population controls used in the Current Population Survey which is a monthly survey of households conducted by the U.S. Census Bureau for the U.S. Bureau of Labor Statistics. Data refer to the sole or principal job of full- and part-time workers 16 years and over. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated]

Year	Hawaii					United States				
	Total employed (1,000)	Members of unions (1,000) 1/		Represented by unions (1,000) 2/		Total employed (1,000)	Members of unions (1,000) 1/		Represented by unions (1,000) 2/	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
2000	503	125	24.8	131	26.0	122,089	16,334	13.4	18,153	14.9
2001	515	118	22.9	129	25.0	122,229	16,305	13.3	18,026	14.7
2002	490	120	24.5	124	25.3	121,826	16,145	13.3	17,695	14.5
2003	511	122	23.8	127	24.8	122,358	15,776	12.9	17,448	14.3
2004	533	126	23.7	132	24.8	123,554	15,472	12.5	17,087	13.8
2005	545	141	25.8	145	26.7	125,889	15,685	12.5	17,223	13.7
2006	562	139	24.7	146	25.9	128,237	15,359	12.0	16,860	13.1
2007	556	130	23.4	135	24.2	129,767	15,670	12.1	17,243	13.3
2008	562	136	24.3	143	25.5	129,377	16,098	12.4	17,761	13.7
2009	526	123	23.5	128	24.3	124,490	15,327	12.3	16,904	13.6
2010	511	111	21.8	120	23.5	124,073	14,715	11.9	16,290	13.1
2011	525	113	21.5	118	22.5	125,187	14,764	11.8	16,290	13.0
2012	537	116	21.6	124	23.2	127,577	14,366	11.3	15,922	12.5
2013	549	121	22.1	129	23.6	129,110	14,528	11.3	16,028	12.4
2014	572	124	21.8	131	22.9	131,431	14,576	11.1	16,152	12.3
2015	583	119	20.4	126	21.7	133,743	14,795	11.1	16,441	12.3
2016	597	119	19.9	125	20.9	136,101	14,555	10.7	16,271	12.0
2017	605	129	21.3	139	22.9	137,890	14,817	10.7	16,444	11.9
2018	601	139	23.1	146	24.3	140,099	14,744	10.5	16,380	11.7

1/ Members of a labor union or an employee association similar to a union.

2/ Members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

Source: U.S. Bureau of Labor Statistics, "Union Members - 2018" (USDLE-19-0079, January 18, 2019) <<http://www.bls.gov/news.release/union2.toc.htm>> accessed January 19, 2018 and earlier annual releases. See also "Access to Historical Data for the Tables of the Union Membership News Release", tables 1 and 5 <<http://www.bls.gov/cps/cpslutabs.htm>> accessed January 18, 2019.

Table 12.52-- LABOR UNIONS AND MEMBERSHIP: 2007- 2008 AND 2009- 2010

Subject	Total	AFL-CIO affiliated	Independent
2007- 2008			
Unions	112	93	19
Membership	1/ 2/ 169,127	1/ 106,439	2/ 62,688
2009- 2010			
Unions	114	95	19
Membership	3/ 4/ 177,538	3/ 106,750	4/ 70,788

1/ Excluded are four unions not reporting membership for Hawaii: Electrical Workers Hawaii Local 368-E; Marine Firemen, Oilers, Watertenders and Wipers Association, Pacific Coast (total membership of 1,000 includes San Francisco, Wilmington, Seattle and Honolulu); Teachers, Hawaii Federation of Local 1127; United Public Workers, AFSCME, Local 646. The largest memberships reported: Hawaii Government Employees Association, AFSCME, Local 152 (42,700) and the Longshore and Warehouse Union, International Local 142 (22,000).

2/ Excluded is one union not reporting membership: Collective Bargaining Organization of Hawaii Nurses' Association. The largest memberships reported: Teamsters, Chauffeurs, Warehousemen and Helpers of America, International Brotherhood Airlines Division Local 986 (22,000); Hawaii State Teachers' Association (12,600); and UNITE HERE (Hotel Employees & Restaurant Employees) Local 5 (10,800).

3/ Excluded are six unions not reporting membership for Hawaii: Electrical Workers Hawaii Local 368-E; Marine Firemen, Oilers, Watertenders and Wipers Association, Pacific Coast (total membership of 1,000 includes San Francisco, Wilmington, Seattle and Honolulu); American Federation of Government Employees Local 1234; Teachers, Hawaii Federation of Local 1127; United Steel Workers Local 12-369; and United Public Workers, AFSCME, Local 646. The largest memberships reported: Hawaii Government Employees Association, AFSCME, Local 152 (43,757) and the Longshore and Warehouse Union, International Local 142 (20,900).

4/ Excluded is one union not reporting membership: Collective Bargaining Organization of Hawaii Nurses' Association. The largest memberships reported: Teamsters, Chauffeurs, Warehousemen and Helpers of America, International Brotherhood Airlines Division Local 986 (22,000); Hawaii State Teachers' Association (13,700); and UNITE HERE (Hotel Employees & Restaurant Employees) Local 5 (10,800).

Source: Hawaii State AFL-CIO, *Directory of Labor Organizations and Affiliates, 2007-2008*, and *Ibid. 2009-2010*; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.53-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS,
BY EMPLOYING JURISDICTION: 1999 TO 2017**

[As of December 31]

Year	Total	State of Hawaii	City & County of Honolulu	County of Hawaii	County of Maui	County of Kauai	Dept. of Educ.	Judiciary	University of Hawaii	HHSC 1/
1999	54,778	23,484	7,995	1,815	1,632	875	13,113	1,434	4,430	(2/)
2000	56,426	22,052	7,945	1,852	1,670	881	13,276	1,445	4,539	2,766
2001	58,084	22,639	8,077	1,874	1,705	908	13,707	1,484	4,613	3,077
2002	59,320	21,454	7,907	1,834	1,776	918	13,710	1,546	6,321	3,854
2003	58,079	20,746	7,924	1,874	1,780	921	13,517	1,485	6,516	3,316
2004	64,040	18,436	7,916	1,937	1,790	938	21,789	1,376	6,667	3,191
2005	59,316	13,624	7,863	1,938	1,839	840	21,727	1,394	6,837	3,254
2006	60,256	13,656	8,063	2,056	1,869	942	21,879	1,525	7,035	3,231
2007	60,934	12,988	8,200	2,153	1,915	978	22,238	1,580	7,264	3,618
2008	61,684	13,356	8,411	2,294	2,037	988	22,059	1,507	7,512	3,520
2009	61,528	13,478	8,253	2,241	2,118	987	22,101	1,567	7,363	3,420
2010	59,573	12,362	8,044	2,193	2,133	841	21,598	1,599	7,178	3,625
2011	59,516	12,105	7,884	2,171	2,110	1,024	21,551	1,587	7,335	3,749
2012	60,030	12,458	7,804	2,186	2,068	1,140	21,456	1,575	7,472	3,871
2013	60,830	12,437	7,994	2,229	2,217	1,043	21,801	1,598	7,626	3,885
2014 3/	61,086	12,773	8,181	2,286	2,101	1,119	21,714	1,607	7,519	3,786
2015 3/	60,729	12,368	8,172	2,306	2,125	1,082	21,562	1,599	7,410	4,105
2016 3/	60,607	12,848	8,209	2,322	2,153	1,084	21,633	1,554	7,349	3,455
2017 3/	59,657	12,701	8,125	2,288	2,113	1,197	22,209	1,560	7,272	2,192

1/ HHSC is the Hawaii Health Systems Corporation.

2/ Included in 'State of Hawaii'.

3/ In 2014 includes 152 employees; in 2015, 212 employees, in 2016, 771 employees; and in 2017, 744 employees in new Bargaining Unit 14 State law enforcement officers and state and county ocean safety and water safety officers. See Table 9.75 for number of employees by bargaining unit and employer.

Source: Hawaii Labor Relations Board, *HLRB Informational Bulletin, No. 41*, April 2, 2003 and revised August 12, 2003; *No. 42*, May 14, 2004; *No. 43*, June 23, 2005; *No. 44*, April 5, 2006; *No. 45*, April 5, 2007; *No. 46*, March 3, 2008; *No. 47*, March 3, 2009; *No. 48*, March 16, 2010; *No. 49*, June 30, 2011 and unpublished correction; *No. 50*, April 9, 2012; *No. 51*, April 30, 2013; *No. 52*, April 23, 2014; *No. 53*, May 22, 2015; *No. 54 Second Revision*, July 27, 2016; *No. 55*, April 12, 2017; *No. 56*, February 14, 2018 and unpublished correction; and earlier issues; for *No. 43* to current, see also <<http://labor.hawaii.gov/hlrp/find-a-report/>> accessed May 29, 2019.

Table 12.54-- COLLECTIVE BARGAINING AGREEMENTS: 1964 TO 2018

Year	Number of agreements	Workers covered		Year	Number of agreements	Workers covered	
		Total	Average per agreement			Total	Average per agreement
1964	275	(NA)	(NA)	1992	1,413	21,400	15
1965	309	31,500	102	1993	369	65,900	179
1966	277	23,800	86	1994	84	8,000	95
1967	257	15,900	62	1995	270	57,300	212
1968	172	15,400	90	1996	136	49,250	362
1969	296	19,100	65	1997	1,334	62,800	47
1970	190	14,900	78	1998	786	18,900	24
1971	151	9,800	65	1999	123	65,890	536
1972	511	47,100	92	2000	(1/)	(1/)	(1/)
1973	390	28,000	72	2001	(1/)	(1/)	(1/)
1974	223	34,700	156	2002	1,187	21,550	18
1975	1,265	36,100	29	2003	252	69,800	277
1976	380	57,450	151	2004	71	8,900	125
1977	2,255	87,350	39	2005	199	61,430	309
1978	967	29,500	31	2006	74	10,850	147
1979	312	61,600	198	2007	249	73,210	294
1980	2,298	49,900	22	2008	202	13,440	67
1981	267	53,700	201	2009	63	66,720	1,059
1982	379	27,400	72	2010	(1/)	(1/)	(1/)
1983	1,019	68,000	67	2011	(1/)	(1/)	(1/)
1984	901	26,200	29	2012	76	9,598	126
1985	350	58,450	167	2013	76	12,528	165
1986	138	13,550	98	2014	90	15,000	167
1987	1,375	80,400	58	2015	74	45,500	615
1988	433	16,290	38	2016	50	3,450	69
1989	104	50,950	490	2017	56	63,000	1,125
1990	194	24,300	125	2018	58	7,644	132
1991	107	23,700	221				

NA Not available.

1/ Report had been suspended in 2000 and 2001, and in 2010 and 2011.

Source: University of Hawaii at Manoa, Industrial Relations Center, *Duration of Collective Bargaining Agreements in Hawaii, 2009*, Occasional Publication No. 188 (January 2009), p. 1; and *Ibid. Hawaii Collective Bargaining Agreement Expirations & Reopenings* (annual), p. 1; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 12.55-- WORK STOPPAGES: 1990 TO 2018

[Data exclude stoppages lasting less than one full shift (8 hours) and stoppages affecting fewer than 6 workers. Data are limited to stoppages begun or in progress during the week containing the 12th of each month]

Year	Number of stoppages 1/	Workers involved 1/	Man-days lost 2/
1990	13	7,415	119,509
1991	-	-	-
1992	-	-	-
1993	2	160	6,018
1994 3/	3	12,202	109,529
1995	-	-	-
1996	1	13	715
1997	-	-	-
1998	1	150	(NA)
1999	-	-	-
2000	-	-	-
2001	2	15,100	195,900
2002	1	1,170	(NA)
2003	5	2,680	(NA)
2004	2	210	(NA)
2005	1	25	(NA)
2006	2	150	(NA)
2007	-	-	-
2008	-	-	-
2009	-	-	-
2010	3	1,725	(NA)
2011	3	2,461	(NA)
2012	-	-	-
2013	-	-	-
2014	-	-	-
2015 4/	-	-	-
2016	-	-	-
2017	-	-	-
2018	1	2,700	(NA)

NA Not available.

1/ Stoppages carrying over from previous year are counted in both years.

2/ Partly estimated.

3/ Data exclude Hawaii Government Employees' Association (HGEA) strikers in Hawaii County.

4/ The strike by Local 5 employees at Kaiser-Permanente was February 2-7 and not during the DLIR criterion for the workweek containing the 12th.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, unpublished estimates. See also U.S. Bureau of Labor Statistics, "Major Work Stoppages" (annual) <<http://www.bls.gov/wsp/>> accessed February 8, 2019.

**Table 12.56-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS:
1983 TO 2018**

Year	Number of stoppages begun in year	Workers involved 1/	Man-days idle during year	Percent of estimated nonagricultural working time
1983	1	2,800	5,600	0.01
1984	1	1,000	70,000	0.01
1985	1	1,000	11,000	0.01
1986-1993	-	-	-	-
1994	1	15,800	136,500	(NA)
1995-2000	-	-	-	-
2001	2	15,100	195,900	(NA)
2002	1	1,170	(NA)	(NA)
2003	2	2,470	(NA)	(NA)
2004-2009	-	-	-	-
2010	1	1,185	(NA)	(NA)
2011	1	1,261	(NA)	(NA)
2012-2017	-	-	-	-
2018	1	2,700	(NA)	(NA)

NA Not available.

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

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, unpublished estimates. See also U.S. Bureau of Labor Statistics, "Major Work Stoppages" (annual) <<http://www.bls.gov/wsp/>> accessed February 8, 2019.