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Section 9

GOVERNMENT FINANCES AND EMPLOYMENT

This section presents statistics relating to the revenues, expenditures, debt, and civilian employment of Federal, State and county governments in Hawaii. Additional information appears in Sections 10 and 12.

Local government is vested in one combined city-county (Honolulu, consisting of the Island of Oahu and outlying islets), three non-metropolitan counties (Hawaii, Kauai, and Maui), and one area (Kalawao County) administered by the Hawaii State Department of Health. Separate municipal governments do not exist.

Important sources for statistics on government in Hawaii include the quinquennial U.S. Census of Governments and various annual publications of the U.S. Census Bureau, reports of the U.S. Internal Revenue Service, Hawaii State Department of Accounting and General Services, Hawaii State Department of Budget and Finance, Hawaii State Department of Taxation, the County auditors and finance directors, and annual compilation by the Tax Foundation of Hawaii, most recently published as *Government in Hawaii: A Handbook of Financial Statistics*. Data extending back to the middle of the 19th century are summarized in *Historical Statistics of Hawaii*, Section 25. Comparable national statistics appear in the *Statistical Abstract of the United States: 2012*, Sections 8 and 9.

**Table 9.01-- FEDERAL, STATE, AND COUNTY TAX COLLECTIONS:
1980 TO 2018**

[In thousands of dollars. For fiscal year ending September 30 for federal, June 30 for others]

Year	All levels	Federal	State and counties		
			Total	State	Counties
1980	2,966,128	1,670,459	1,295,669	1,255,622	40,047
1981	3,245,508	1,826,363	1,419,145	1,371,490	47,655
1982	3,314,106	1,876,628	1,437,478	1,132,699	304,779
1983	3,451,664	1,897,858	1,553,806	1,225,010	328,796
1984	3,655,283	1,980,467	1,674,816	1,331,551	343,265
1985	3,922,942	2,116,773	1,806,169	1,440,553	365,616
1986	4,296,652	2,337,028	1,959,624	1,562,195	397,429
1987	4,997,831	2,809,135	2,188,696	1,776,430	412,266
1988	5,765,935	3,310,750	2,455,185	2,033,181	422,004
1989	6,464,598	3,731,845	2,732,753	2,283,891	448,862
1990	7,212,998	4,264,127	2,948,871	2,441,273	507,598
1991	7,904,148	4,570,534	3,333,614	2,753,562	580,052
1992	7,975,930	4,542,943	3,432,987	2,772,325	660,662
1993	8,033,353	4,489,142	3,544,211	2,829,710	714,501
1994	8,346,552	4,613,645	3,732,907	2,991,811	741,096
1995	8,211,146	4,461,739	3,749,407	3,012,835	736,572
1996	8,571,030	4,573,256	3,997,774	3,257,099	740,675
1997	(NA)	(1/)	4,040,111	3,301,030	739,081
1998	8,748,424	4,690,970	4,057,454	3,324,827	732,627
1999	9,628,577	5,566,221	4,062,356	3,334,087	728,269
2000	10,483,283	6,236,857	4,246,426	3,496,500	749,926
2001	(NA)	6,689,385	(NA)	(NA)	(NA)
2002	9,930,343	5,559,960	4,370,383	3,564,850	805,533
2003	9,836,631	5,262,429	4,574,202	3,723,126	851,076
2004 2/	13,206,833	8,394,777	4,812,056	3,849,135	962,921
2005 2/	12,204,228	6,680,481	5,523,747	4,434,356	1,089,391
2006 2/	13,321,730	7,122,326	6,199,404	4,918,655	1,280,749
2007 2/	14,227,076	7,666,494	6,560,582	5,090,499	1,470,083
2008 2/	15,244,258	8,489,937	6,754,321	5,147,569	1,606,752
2009 2/	13,316,025	6,747,592	6,568,433	4,712,651	1,855,782
2010 2/	13,037,803	6,280,828	6,756,975	4,837,862	1,919,113
2011 2/	12,879,583	6,127,725	6,751,858	4,857,729	1,894,129
2012 2/	13,959,224	6,511,578	7,447,646	5,516,146	1,931,500
2013 2/	15,183,048	7,139,728	8,043,320	6,092,893	1,950,427
2014 2/ 3/	15,845,254	7,722,840	8,122,414	6,052,795	2,069,619
2015 2/	16,930,818	8,221,290	8,709,528	6,485,563	2,223,965
2016 2/	18,051,299	8,811,882	9,239,417	6,919,035	2,320,382
2017 2/	(NA)	9,415,214	(NA)	7,029,026	(NA)
2018 2/	(NA)	9,591,724	(NA)	7,714,451	(NA)

Continued on next page.

**Table 9.01-- FEDERAL, STATE, AND COUNTY TAX COLLECTIONS:
1980 TO 2018 -- Con.**

NA Not available.

1/ *IRS Data Book 1997* contains data for the Pacific-Northwest of which Hawaii is a part. No Hawaii detail.

2/ State and county compilation by the U.S. Census Bureau is generally based on the same source documents as the Tax Foundation of Hawaii but may not be strictly comparable in the treatment of specific categories.

3/ 'Total', 'State and local' and 'State' revised from previous *Data Book*.

Source: Tax Foundation of Hawaii, *Government in Hawaii* (annual) and unpublished compilations of Hawaii State Department of Accounting and General Services, Annual Report of the Comptroller (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports); and U.S. Department of the Treasury, Internal Revenue Service, *Annual Report of the Commissioner* (annual through 1992); *Internal Revenue Service Data Book* (annual, beginning 1992); and for 2001 to 2018 <<http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book>> accessed June 20, 2019; U.S. Census Bureau, "State & Local Summary Tables by Level of Government - Hawaii" (annual from 2004) <<http://www.census.gov/govs/index.html>> accessed June 20, 2018; *Ibid.* "Annual Survey of State Government Tax Collections" (annual) <<http://www.census.gov/govs/statetax/>> accessed June 28, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.02-- FEDERAL TAX COLLECTIONS, BY SOURCE: 2014 TO 2018

[In thousands of dollars. For fiscal year ending September 30. Receipts shown for the State of Hawaii does not necessarily indicate the Federal tax burden, since, in many instances, taxes are collected in one state from residents of, or operations in, another. Also, taxes of corporations may be paid from the principal office, although the operations of these corporations may be located in one or more state(s). Collections are gross, i.e. not net of refunds. Collections relate to the given fiscal year for the most part. However, in a given fiscal year, refunds may be issued for a tax paid in a prior year, and therefore, the total refund may exceed the collection amount. Through an improved location methodology, entities are now more accurately distributed by State. Beginning with FY 2005, the ZIP Code on the tax return is used to classify returns by State. In prior years, the location of the IRS District Office associated with the taxpayer's account was used to determine State distribution]

Source	2014	2015	2016	2017	2018
Federal collections	7,722,840	8,221,290	8,811,882	9,415,214	9,591,724
Business income 1/ Individual income and employment	376,857	476,171	581,689	700,144	683,176
Income tax payments & SECA 2/ Estate and trust income tax	7,090,806	7,468,136	7,864,419	8,442,127	8,564,619
Income tax withheld & FICA 3/ Railroad retirement	1,659,610	1,875,437	1,957,572	2,096,762	2,292,908
Unemployment insurance	94,686	73,858	72,686	71,168	85,561
Estate	5,320,158	5,501,597	5,816,881	6,255,294	6,167,632
Gift	-	-	-	-	-
Excise 4/	16,352	17,244	17,281	18,903	18,519
	31,992	35,687	120,717	62,846	48,381
	1,636	985	14,151	-543	2,011
	221,549	240,311	230,906	210,640	293,536

1/ Includes taxes on corporation income and unrelated business income from tax-exempt organizations.

2/ SECA Self-Employment Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on self-employment income. Included estate and trust income tax collections through 2008 but which is shown separately beginning in 2009. Previously 'Income tax not withheld & SECA'.

3/ FICA Federal Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on wages and salaries.

4/ Excludes excise taxes collected by the Customs Service and the Alcohol and Tobacco Tax and Trade Bureau.

Source: U.S. Department of the Treasury, Internal Revenue Service, *Internal Revenue Service Data Book* (annual) <<http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book>> accessed May 2, 2019.

Table 9.03-- STATE AND LOCAL GOVERNMENT REVENUES: 1992 TO 2017

[Data rounded to thousands of dollars. For fiscal year ending June 30. Duplicative intergovernmental transactions are excluded]

Year	State and local	State	Local
1992	6,521,997	5,298,548	1,363,460
1993	6,860,466	5,543,158	1,500,924
1994	7,075,297	5,697,740	1,558,721
1995	7,179,570	5,777,523	1,599,500
1996	7,820,751	6,383,347	1,619,347
1997	8,144,623	6,700,545	1,620,451
1998	8,259,443	6,760,740	1,666,552
1999	8,093,565	6,646,380	1,607,842
2000	8,488,284	6,940,637	1,703,365
2001	(1/)	(1/)	(1/)
2002	7,451,684	5,868,714	1,739,130
2003	(1/)	(1/)	(1/)
2004	10,174,146	8,420,828	1,937,147
2005	11,000,269	9,091,681	2,107,119
2006	11,998,548	9,856,552	2,378,623
2007	13,592,500	11,100,927	2,649,538
2008	11,968,775	9,298,617	2,909,935
2009	9,920,831	6,945,777	3,250,884
2010	14,665,662	11,609,211	3,285,202
2011	15,945,159	12,807,096	3,382,139
2012	13,889,393	10,600,634	3,532,607
2013	16,386,970	12,944,952	3,684,114
2014	18,613,655	15,055,561	3,795,610
2015 2/	16,817,992	13,065,465	3,979,610
2016	17,378,714	13,417,567	4,190,598
2017 3/	(NA)	16,136,298	(NA)

NA Not available.

1/ There are no state-by-state statistics available.

2/ 'State and local' and 'Local' revised from previous *Data Book*.

3/ "State Government Finances" is released separately in advance of State and Local Government Finances and is shown here as preliminary.

Source: U.S. Census Bureau, "State and Local Government Finances by Level of Government and by State" (annual) <<https://www.census.gov/govs/local/>> accessed July 11, 2019; and "State Government Finances: 2017" <<http://www.census.gov/govs/state/>> accessed July 11, 2019.

Table 9.04-- STATE GOVERNMENT TAX COLLECTIONS: 2014 TO 2018

[Data rounded to thousands of dollars. For fiscal year ending June 30]

Source	2014	2015	2016	2017	2018
Total taxes	6,052,795	6,485,563	6,919,035	7,029,026	7,714,451
Sales and gross receipts	3,847,662	4,082,196	4,315,902	4,365,856	4,732,032
General sales & gross receipts	2,825,041	2,992,707	3,206,154	3,239,225	3,529,065
Selective sales taxes	1,022,621	1,089,489	1,109,748	1,126,631	1,202,967
Alcoholic beverages 1/	48,305	50,281	50,590	51,167	51,383
Insurance premiums 1/	142,051	150,872	157,900	170,118	165,602
Motor fuels 1/	93,598	93,066	92,591	87,026	88,377
Public utilities 1/	166,179	163,481	152,760	122,159	117,641
Tobacco products	107,685	129,659	124,890	124,160	120,386
Other selective sales	464,803	502,130	531,017	572,001	659,578
Licenses	243,007	252,431	263,130	269,224	275,600
Corporation 1/	1,691	1,647	1,765	1,723	1,818
Hunting & fishing 1/	536	514	599	567	665
Motor vehicle 1/	168,980	178,663	186,742	187,986	191,757
Motor vehicle operators 1/	360	272	349	316	306
Public utility 1/	21,329	20,755	20,804	17,352	15,001
Occupation & business, NEC	38,023	39,372	41,566	48,633	53,544
Other licenses	12,088	11,208	11,305	12,647	12,509
Income taxes	1,871,506	2,060,164	2,224,299	2,280,441	2,576,863
Individual income	1,745,461	1,987,915	2,116,130	2,095,601	2,430,032
Corporation net income	126,045	72,249	108,169	184,840	146,831
Other taxes	90,620	90,772	115,704	113,505	129,956
Death and gift	14,789	12,071	49,613	18,968	29,351
Documentary & stock transfer	75,831	78,701	66,091	94,537	100,605

1/ 2016 data revised from previous *Data Book*.Source: U.S. Census Bureau, "Annual Survey of State Government Tax Collections" (annual)
<<https://www.census.gov/programs-surveys/stc.html>> accessed June 28, 2019.

**Table 9.05-- STATE GOVERNMENT TAX COLLECTIONS FOR HAWAII
AND THE UNITED STATES: 2016**

[For fiscal year ending June 30 except for New York (March 31), Texas (August 31), Alabama and Michigan (September 30). Taxes are net of refunds. In thousands of dollars. United States revised from previous *Data Book*. The Census Bureau released revised data via American FactFinder on May 24, 2018 that have been superseded and not reflected in any Data Book]

Item	Hawaii	United States
Total taxes	6,919,035	930,875,000
Property taxes	(X)	18,315,142
Sales and gross receipts	4,315,902	442,941,788
General sales and gross receipts	3,206,154	293,245,571
Selective sales taxes	1,109,748	149,696,217
Alcoholic beverages	50,590	6,628,299
Amusements	(X)	7,618,581
Insurance premiums	157,900	20,453,309
Motor fuels	92,591	43,808,325
Pari-mutuels	(X)	123,427
Public utilities	152,760	13,159,202
Tobacco products	124,890	18,089,262
Other selective sales	531,017	39,815,812
Licenses	263,130	54,089,496
Alcoholic beverages	(X)	636,695
Amusements	(X)	548,851
Corporation	1,765	5,681,746
Hunting and fishing	599	1,592,489
Motor vehicle	186,742	25,574,579
Motor vehicle operators	349	2,618,199
Public utility	20,804	1,253,310
Occupation and business, NEC	41,566	14,759,165
Other licenses	11,305	1,424,462
Income taxes	2,224,299	390,415,623
Individual income	2,116,130	344,284,337
Corporation net income	108,169	46,131,286
Other taxes	115,704	25,112,951
Death and gift	49,613	5,134,027
Documentary and stock transfer	66,091	9,187,931
Severance	(X)	7,955,868
Taxes, NEC	-	2,835,125

X Not applicable.

Source: U.S. Census Bureau, 2016 State Government Tax Tables, Summary Tables " 2016 Annual Survey of State Government Tax Collections Detailed Table" <<https://www2.census.gov/programs-surveys/stc/tables/2016/FY2016-STC-Detailed-Table.xlsx>> accessed July 31, 2019.

Table 9.06-- STATE GOVERNMENT TAX COLLECTIONS FOR HAWAII AND THE UNITED STATES: 2017

[For fiscal year ending June 30 except for New York (March 31), Texas (August 31), Alabama and Michigan (September 30). Taxes are net of refunds. Amounts in thousands of dollars. United States data released on June 19, 2019 and revised from previous *Data Book*]

Item	Hawaii	United States
Total taxes	7,029,026	953,954,745
Property taxes	(X)	19,030,677
Sales and gross receipts	4,365,856	458,555,919
General sales and gross receipts	3,239,225	300,992,624
Selective sales taxes	1,126,631	157,563,295
Alcoholic beverages	51,167	6,626,413
Amusements	(X)	7,866,349
Insurance premiums	170,118	20,998,923
Motor fuels	87,026	45,062,362
Pari-mutuels	(X)	118,408
Public utilities	122,159	12,435,800
Tobacco products	124,160	18,673,794
Other selective sales	572,001	45,781,246
Licenses	269,224	51,675,414
Alcoholic beverages	(X)	667,103
Amusements	(X)	535,164
Corporation	1,723	5,863,547
Hunting and fishing	567	1,597,401
Motor vehicle	187,986	26,139,686
Motor vehicle operators	316	2,586,299
Public utility	17,352	1,369,746
Occupation and business, NEC	48,633	11,425,223
Other licenses	12,647	1,491,245
Income taxes	2,280,441	398,696,310
Individual income	2,095,601	353,484,673
Corporation net income	184,840	45,211,637
Other taxes	113,505	25,996,425
Death and gift	18,968	4,757,810
Documentary and stock transfer	94,537	9,770,350
Severance	(X)	8,721,660
Taxes, NEC	-	2,746,605

X Not applicable.

Source: U.S. Census Bureau, "2017 Annual Survey of State Government Tax Collections Detailed Table" <<https://www.census.gov/data/tables/2017/econ/stc/2017-annual.html>> accessed June 26, 2019.

Table 9.07-- STATE GOVERNMENT TAX COLLECTIONS FOR HAWAII AND THE UNITED STATES: 2018

[For fiscal year ending June 30 except for New York (March 31), Texas (August 31), Alabama and Michigan (September 30). Taxes are net of refunds. Amounts in thousands of dollars]

Item	Hawaii	United States
Total taxes	7,714,451	1,030,477,997
Property taxes	(X)	20,079,471
Sales and gross receipts	4,732,032	481,690,744
General sales and gross receipts	3,529,065	316,844,953
Selective sales taxes	1,202,967	164,845,791
Alcoholic beverages	51,383	6,793,992
Amusements	(X)	8,147,993
Insurance premiums	165,602	22,480,228
Motor fuels	88,377	48,318,521
Pari-mutuels	(X)	125,587
Public utilities	117,641	12,498,923
Tobacco products	120,386	19,486,800
Other selective sales	659,578	46,993,747
Licenses	275,600	57,262,592
Alcoholic beverages	(X)	716,269
Amusements	(X)	740,030
Corporation	1,818	5,899,938
Hunting and fishing	665	1,622,295
Motor vehicle	191,757	27,913,911
Motor vehicle operators	306	2,675,823
Public utility	15,001	1,311,816
Occupation and business, NEC	53,544	14,862,793
Other licenses	12,509	1,519,717
Income taxes	2,576,863	440,471,012
Individual income	2,430,032	392,333,453
Corporation net income	146,831	48,137,559
Other taxes	129,956	30,974,178
Death and gift	29,351	5,104,271
Documentary and stock transfer	100,605	10,235,926
Severance	(X)	12,625,265
Taxes, NEC	-	3,008,716

X Not applicable.

Source: U.S. Census Bureau, "2018 Annual Survey of State Government Tax Collections Detailed Table" <<https://www.census.gov/data/tables/2018/econ/stc/2018-annual.html>> accessed May 28, 2019.

Table 9.08-- ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF THREE, FOR HONOLULU AND THE MEDIAN AND AVERAGE OF 51 MAJOR CITIES: 2014 TO 2017

[Largest city in each state and the District of Columbia. For the listing of cities, see source]

Gross family income level (dollars)	Honolulu			51-city average 1/		51-city median	
	Taxes (dollars)	Percent of income	Rank 2/	Taxes (dollars)	Percent of income	Taxes (dollars)	Percent of income
2014							
25,000	3,744	15.0	4	2,747	11.0	2,763	11.1
50,000	3,083	6.2	43	4,205	8.4	4,109	8.2
75,000	4,866	6.5	43	6,436	8.6	6,364	8.5
100,000	7,184	7.2	40	8,903	8.9	9,068	9.1
150,000	10,863	7.2	39	13,469	9.0	13,612	9.1
2015							
25,000	4,427	17.7	2	2,772	11.1	2,800	11.2
50,000	3,059	6.1	46	4,315	8.6	4,279	8.6
75,000	5,160	6.9	43	6,822	9.1	6,732	9.0
100,000	7,332	7.3	41	9,409	9.4	9,474	9.5
150,000	11,263	7.5	40	14,297	9.5	14,318	9.5
2016							
25,000	3,970	15.9	2	2,411	9.6	2,382	9.5
50,000	3,498	7.0	42	4,439	8.9	4,368	8.7
75,000	5,804	7.7	41	7,099	9.5	6,802	9.1
100,000	8,154	8.2	39	9,553	9.6	9,179	9.2
150,000	12,547	8.4	39	14,670	9.8	14,393	9.6
2017							
25,000	4,088	16.4	2	2,659	10.6	2,631	10.5
50,000	3,651	7.3	39	4,533	9.1	4,378	8.8
75,000	7,338	9.8	22	7,199	9.6	7,075	9.4
100,000	8,205	8.2	39	9,642	9.6	9,391	9.4
150,000	12,539	8.4	41	14,774	9.8	14,496	9.7

1/ Based on cities actually levying tax.

2/ The lower the rank, the higher the percentage of income paid in taxes. For a breakdown of taxes, see source.

Source: Government of the District of Columbia, *Tax Rates and Tax Burdens in the District of Columbia - A Nationwide Comparison* (annual), table 1 <<http://cfo.dc.gov/node/215912>> accessed April 1, 2019.

Table 9.09-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2019

[Tax Freedom Day is the day when the nation as a whole has earned enough money to pay off its total tax bill for the year. See source for details]

Area	Tax Freedom Day	Rank 1/	Area	Tax Freedom Day	Rank 1/
United States	April 16	(X)			
Alabama	April 5	5	Nebraska	April 12	24
Alaska	March 25	1	Nevada	April 18	33
Arizona	April 9	14	New Hampshire	April 19	35
Arkansas	April 8	12	New Jersey	April 30	49
California	April 20	38	New Mexico	April 8	12
Colorado	April 14	26	New York	May 3	50
Connecticut	April 25	46	North Carolina	April 11	22
Delaware	April 12	24	North Dakota	April 21	41
Florida	April 4	3	Ohio	April 14	26
Georgia	April 7	10	Oklahoma	March 30	2
Hawaii	April 23	43	Oregon	April 18	33
Idaho	April 6	8	Pennsylvania	April 16	30
Illinois	April 24	45	Rhode Island	April 25	46
Indiana	April 9	14	South Carolina	April 10	19
Iowa	April 5	28	South Dakota	April 7	10
Kansas	April 15	28	Tennessee	April 5	5
Kentucky	April 5	19	Texas	April 5	2
Louisiana	April 4	3	Utah	April 11	22
Maine	April 20	38	Vermont	April 22	42
Maryland	April 19	35	Virginia	April 16	30
Massachusetts	April 23	43	Washington	April 20	38
Michigan	April 16	30	West Virginia	April 10	19
Minnesota	April 25	46	Wisconsin	April 19	35
Mississippi	April 9	14	Wyoming	April 9	14
Missouri	April 9	14	District of Columbia	May 3	(2/)
Montana	April 6	8			

X Not applicable.

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in the year 2018.

2/ The District of Columbia is ranked 48 as if it were a state but it does not affect other state ranks.

Source: Tax Foundation, "Tax Freedom Day 2019 is April 16th" (April 10, 2019)

<<https://taxfoundation.org/publications/tax-freedom-day/>> accessed April 10, 2019.

**Table 9.10-- TAX FREEDOM DAY FOR HAWAII AND THE UNITED STATES:
1994 TO 2019**

[Tax Freedom Day is the day when the nation as a whole has earned enough money to pay off its total tax bill for the year. Leap Day is omitted. The Tax Freedom Day for the U.S. was revised in the 2013 report from 1992 onward, in the 2013 for 2010 to 2012, and shown in the 2019 for 2015 to 2018. No revisions for the states have been released, therefore, data may not be comparable year-to-year]

Year	Hawaii	United States	Hawaii rank 1/	Year	Hawaii	United States	Hawaii rank 1/
1994	April 24	April 22	12	2007	April 24	April 24	16
1995	April 22	April 23	24	2008	April 21	April 18	15
1996	April 24	April 25	20	2009	April 13	April 10	14
1997	April 23	April 27	30	2010	April 9	April 11	19
1998	April 24	April 29	34	2011	April 6	April 11	30
1999	April 24	April 29	33	2012	April 6	April 13	43
2000	April 27	May 1	28	2013	April 14	April 18	24
2001	April 24	April 27	24	2014	April 15	April 21	25
2002	April 17	April 17	18	2015	April 19	April 24	25
2003	April 15	April 14	12	2016 2/	April 19	April 22	26
2004	April 14	April 15	20	2017 2/	April 19	April 21	26
2005	April 21	April 21	17	2018 2/	April 20	April 16	38
2006	April 23	April 24	19	2019	April 23	April 16	43

1/ Rank is among the 50 states where 1 indicates the earliest Tax Freedom Day in each year. The District of Columbia is ranked as if it were a state but it does not affect other state ranks.

2/ Tax Freedom Day for the United States was revised from previous *Data Book*.

Source: Tax Foundation, "Tax Freedom Day by State, 1970-2009" <<http://www.taxfoundation.org/taxdata/show/22328.html>> accessed March 31, 2009; Special Report No. 177, "April 9th Is Tax Freedom Day", table 2 (March 2010) <<http://www.taxfoundation.org/files/sr177.pdf>> accessed March 31, 2010; Special Report No. 190, table 2 (March 2011) <<http://www.taxfoundation.org/files/sr190.pdf>> accessed March 30, 2011; "Tax Freedom Day Arrives on April 17", Tax Freedom Day By State (April 2, 2012) <<http://taxfoundation.org/tax-topics/tax-freedom-day>> accessed June 12, 2012; "Tax Freedom Day 2013 is April 18, Five Days Later Than Last Year " (April 2, 2013) <<http://taxfoundation.org/tax-topics/tax-freedom-day>> accessed April 16, 2013; "Tax Freedom Day 2014 is April 21, 3 Days Later than Last Year" (April 7, 2014) <<http://taxfoundation.org/tax-topics/tax-freedom-day>> accessed June 26, 2014; "Tax Freedom Day 2015 is April 24th" <http://taxfoundation.org/sites/taxfoundation.org/files/docs/TaxFoundation_TFD_Report.pdf> accessed April 10, 2015; "Tax Freedom Day 2016 Arrives April 24th" <<http://taxfoundation.org/tax-topics/tax-freedom-day>> accessed April 6, 2016; "Tax Freedom Day 2017 Is April 23" (April 18, 2017) <<https://files.taxfoundation.org/20170418101758/Tax-Foundation-TFD-2017.pdf>> accessed (April 18, 2017); "Tax Freedom Day 2018 is April 19th" <<https://files.taxfoundation.org/20180411105322/Tax-Foundation-TFD-2018.pdf>> accessed April 11, 2018; "Tax Freedom Day 2019 is April 16th" (April 10, 2019) <<https://taxfoundation.org/publications/tax-freedom-day/>> accessed April 10, 2019 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.11-- STATE-LOCAL TAX BURDEN PER CAPITA IN NOMINAL AND CONSTANT DOLLARS: 1977 TO 2012

[In percent and dollars. Fiscal year ending June 30]

Year	Burden rate (in percent)	Per capita (in nominal dollars)			
		Income	Total taxes paid	Taxes paid to own state	Taxes paid to other states
1977	10.6	8,550.01	905.78	609.43	296.35
1978	10.6	9,091.68	965.63	652.99	312.64
1979	10.5	10,115.15	1,060.15	732.03	328.12
1980	10.4	11,167.01	1,161.44	811.28	350.16
1981	10.0	12,475.05	1,249.72	869.55	380.17
1982	9.7	12,720.11	1,233.79	844.45	389.34
1983	9.8	13,532.55	1,331.82	925.10	406.72
1984	9.9	14,505.11	1,432.42	984.85	447.57
1985	9.9	15,444.17	1,527.66	1,054.65	473.01
1986	10.0	16,448.49	1,638.13	1,142.65	495.48
1987	10.2	17,493.99	1,789.27	1,265.45	523.82
1988	10.9	18,850.69	2,057.45	1,504.89	552.56
1989	10.7	20,767.45	2,225.41	1,630.14	595.27
1990	10.2	22,618.68	2,316.01	1,678.74	637.27
1991	10.8	23,663.33	2,549.69	1,886.31	663.38
1992	10.9	24,269.98	2,640.21	1,956.23	683.98
1993	10.7	25,166.63	2,703.31	1,993.06	710.25
1994	11.2	25,426.96	2,851.15	2,147.28	703.87
1995	10.7	25,900.48	2,763.02	2,065.61	697.41
1996	10.9	26,205.84	2,864.57	2,201.23	663.34
1997	10.7	26,863.32	2,862.48	2,201.83	660.65
1998	10.5	27,862.24	2,924.04	2,258.57	665.47
1999	10.1	28,674.24	2,893.03	2,227.73	665.30
2000	9.8	30,553.21	2,996.54	2,295.65	700.89
2001	10.0	31,118.41	3,113.11	2,391.69	721.42
2002	10.0	30,818.12	3,089.04	2,357.02	732.02
2003	10.0	31,931.54	3,199.93	2,415.17	784.76
2004	9.9	34,209.29	3,376.20	2,546.32	829.88
2005	9.9	37,579.15	3,714.27	2,700.06	1,014.21
2006	10.4	40,406.59	4,186.64	3,043.30	1,143.34
2007	10.4	42,479.29	4,429.85	3,272.04	1,157.81
2008	10.5	43,035.42	4,507.17	3,312.15	1,195.02
2009	10.3	41,546.25	4,259.18	3,142.98	1,116.20
2010	10.6	41,344.33	4,386.65	3,294.89	1,091.76
2011	9.9	42,970.19	4,231.32	3,136.81	1,094.51
2012	10.2	44,920.02	4,576.00	3,480.16	1,095.84

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Table 9.11-- STATE-LOCAL TAX BURDEN PER CAPITA IN NOMINAL AND CONSTANT DOLLARS: 1977 TO 2012 -- Con.

Year	Burden rate (in percent)	Per capita (in constant dollars)			
		Income	Total taxes paid	Taxes paid to own state	Taxes paid to other states
1977	10.6	32,398.70	3,432.29	2,309.32	1,122.96
1978	10.6	32,000.53	3,398.79	2,298.37	1,100.42
1979	10.5	32,000.03	3,353.86	2,315.83	1,038.03
1980	10.4	31,119.26	3,236.60	2,260.81	975.80
1981	10.0	31,497.26	3,155.32	2,195.46	959.86
1982	9.7	30,260.79	2,935.15	2,008.92	926.23
1983	9.8	31,190.21	3,069.62	2,132.20	937.42
1984	9.9	32,067.02	3,166.71	2,177.25	989.46
1985	9.9	32,966.78	3,260.91	2,251.23	1,009.68
1986	10.0	34,447.72	3,430.70	2,393.03	1,037.67
1987	10.2	35,345.72	3,615.13	2,556.78	1,058.35
1988	10.9	36,592.63	3,993.89	2,921.27	1,072.62
1989	10.7	38,467.66	4,122.14	3,019.52	1,102.62
1990	10.2	39,745.14	4,069.65	2,949.85	1,119.80
1991	10.8	39,889.01	4,297.98	3,179.73	1,118.25
1992	10.9	39,714.36	4,320.33	3,201.09	1,119.24
1993	10.7	40,001.45	4,296.81	3,167.90	1,128.92
1994	11.2	39,386.65	4,416.46	3,326.16	1,090.30
1995	10.7	39,021.56	4,162.75	3,112.04	1,050.72
1996	10.9	38,355.72	4,192.68	3,221.79	970.89
1997	10.7	38,426.67	4,094.64	3,149.61	945.03
1998	10.5	39,243.42	4,118.45	3,181.15	937.30
1999	10.1	39,521.09	3,987.40	3,070.43	916.97
2000	9.8	40,739.25	3,995.55	3,060.99	934.56
2001	10.0	40,350.73	4,036.72	3,101.27	935.45
2002	10.0	39,338.35	3,943.06	3,008.66	934.40
2003	10.0	39,849.88	3,993.44	3,014.08	979.36
2004	9.9	41,583.27	4,103.96	3,095.19	1,008.76
2005	9.9	44,180.30	4,366.72	3,174.35	1,192.37
2006	10.4	46,017.68	4,768.02	3,465.91	1,302.11
2007	10.4	47,038.02	4,905.25	3,623.18	1,282.06
2008	10.5	45,891.99	4,806.34	3,532.00	1,274.34
2009	10.3	44,462.05	4,558.10	3,363.56	1,194.54
2010	10.6	43,532.00	4,618.76	3,469.23	1,149.53
2011	9.9	43,859.35	4,318.88	3,201.72	1,117.16
2012	10.2	44,920.02	4,576.00	3,480.16	1,095.84

Source: Tax Foundation, "State and Local Tax Burdens: All Years, One State, 1977 - 2012: Hawaii, Real and Nominal" (January 20, 2016)
<http://taxfoundation.org/article/state-and-local-tax-burdens-1977-2012> accessed July 19, 2016.

Table 9.12-- STATE-LOCAL TAX BURDEN PER CAPITA AND RANK FOR THE 50 STATES, THE DISTRICT OF COLUMBIA AND THE UNITED STATES AVERAGE: 2012

[In percent, number and dollars. Fiscal year ending June 30]

State	State-local tax burden as a percent of state income	Rank 1/	Per capita			
			State-local tax burden	Taxes paid to own state	Taxes paid to other states	Income
U.S. average 2/	9.9	(X)	4,420	3,238	1,213	44,481
Alabama	8.7	39	3,067	2,142	925	35,337
Alaska	6.5	50	3,229	1,986	1,242	49,780
Arizona	8.8	36	3,276	2,283	992	37,012
Arkansas	10.1	17	3,519	2,552	967	34,862
California	11.0	6	5,237	4,126	1,111	47,808
Colorado	8.9	35	4,304	2,968	1,336	48,313
Connecticut	12.6	2	7,869	5,516	2,354	62,374
Delaware	10.2	16	4,412	2,610	1,802	43,437
Florida	8.9	34	3,738	2,499	1,240	41,848
Georgia	9.1	32	3,426	2,446	980	37,478
Hawaii	10.2	14	4,576	3,480	1,096	44,920
Idaho	9.3	26	3,318	2,255	1,063	35,496
Illinois	11.0	5	5,235	4,015	1,220	47,656
Indiana	9.5	22	3,585	2,592	993	37,580
Iowa	9.2	31	4,037	2,877	1,161	43,878
Kansas	9.5	23	4,131	2,808	1,323	43,490
Kentucky	9.5	24	3,298	2,410	888	34,782
Louisiana	7.6	45	2,950	1,953	997	38,906
Maine	10.2	13	3,997	2,895	1,102	39,062
Maryland	10.9	7	5,920	4,387	1,533	54,266
Massachusetts	10.3	12	5,872	4,220	1,651	57,180
Michigan	9.4	25	3,631	2,704	926	38,636
Minnesota	10.8	8	5,185	3,980	1,205	47,806
Mississippi	8.6	41	2,742	1,910	832	31,847
Missouri	9.3	29	3,591	2,483	1,108	38,825
Montana	8.7	38	3,389	2,172	1,216	38,980
Nebraska	9.2	30	4,197	2,930	1,267	45,485
Nevada	8.1	43	3,349	2,051	1,298	41,297
New Hampshire	7.9	44	3,961	2,173	1,789	50,288
New Jersey	12.2	3	6,926	4,876	2,050	56,731
New Mexico	8.7	37	3,141	2,170	971	36,051
New York	12.7	1	6,993	5,588	1,406	55,047
North Carolina	9.8	20	3,659	2,707	952	37,523
North Dakota	9.0	33	4,867	3,349	1,518	53,953

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Table 9.12-- STATE-LOCAL TAX BURDEN PER CAPITA AND RANK FOR THE 50 STATES, THE DISTRICT OF COLUMBIA AND THE UNITED STATES AVERAGE: 2012 -- Con.

State	State-local tax burden as a percent of state income	Per capita				
		Rank 1/	State-local tax burden	Taxes paid to own state	Taxes paid to other states	Income
Ohio	9.8	19	3,924	2,986	938	40,111
Oklahoma	8.6	40	3,515	2,420	1,095	40,762
Oregon	10.3	10	4,095	3,063	1,032	39,578
Pennsylvania	10.2	15	4,589	3,385	1,204	45,046
Rhode Island	10.8	9	4,998	3,476	1,522	46,359
South Carolina	8.4	42	2,936	1,999	937	34,821
South Dakota	7.1	49	3,318	1,911	1,407	46,781
Tennessee	7.3	47	2,805	1,861	944	38,178
Texas	7.6	46	3,340	2,332	1,008	44,081
Utah	9.6	21	3,556	2,505	1,051	36,989
Vermont	10.3	11	4,557	3,129	1,428	44,337
Virginia	9.3	27	4,623	3,258	1,365	49,541
Washington	9.3	28	4,541	3,241	1,301	48,999
West Virginia	9.8	18	3,331	2,455	876	34,016
Wisconsin	11.0	4	4,734	3,602	1,132	42,990
Wyoming	7.1	48	4,407	2,056	2,351	61,708
District of Columbia	10.6	3/ 10	7,541	5,231	2,310	70,837

X Not applicable.

1/ Rank of 1 indicates the highest tax burden among the 50 states.

2/ The U.S. average is a population-weighted average. The District of Columbia is excluded from population-weighted averages.

3/ The District of Columbia's rank does not affect other states' rankings, but would rank 10th if it were included.

Source: Tax Foundation, "State and Local Tax Burdens: All Years, One State, 1977 - 2012", Table 2: State-Local Tax Burdens by State (with Detailed Breakdown), Fiscal Year 2012 (January 20, 2016) <<http://taxfoundation.org/article/state-and-local-tax-burdens-1977-2012>> accessed July 19, 2016.

Table 9.13-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL AND BY COMPONENT: 2019

[A rank of 1 is more favorable for business than a rank of 50. Rankings do not average to total. States without a given tax rank equally as number 1 and states with identical scores rank equally. Report shows tax systems as of July 1, 2018, the beginning of Fiscal Year 2019]

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemployment Insurance	Property
Alabama	39	20	30	48	12	15
Alaska	2	25	1	5	35	23
Arizona	27	17	19	47	13	5
Arkansas	46	40	40	44	34	26
California	49	31	49	43	17	14
Colorado	18	16	14	38	40	12
Connecticut	47	29	43	30	23	50
Delaware	11	50	41	2	3	9
Florida	4	6	1	22	2	11
Georgia	33	8	38	29	38	24
Hawaii	38	14	47	24	26	16
Idaho	21	26	23	26	48	4
Illinois	36	39	13	36	42	45
Indiana	10	18	15	12	11	2
Iowa	45	48	42	19	33	39
Kansas	28	34	21	31	15	20
Kentucky	23	27	17	14	47	35
Louisiana	44	36	32	50	4	32
Maine	30	41	24	7	24	41
Maryland	40	22	45	18	28	42
Massachusetts	29	37	11	13	50	46
Michigan	13	11	12	11	49	22
Minnesota	43	42	46	27	25	31
Mississippi	31	15	27	35	5	36
Missouri	14	4	25	25	8	7
Montana	5	12	22	3	21	10
Nebraska	24	28	26	9	9	40
Nevada	9	33	5	40	45	8
New Hampshire	6	45	9	1	44	44
New Jersey	50	47	50	45	32	48
New Mexico	25	21	31	41	10	1
New York	48	7	48	42	31	47

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Table 9.13-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL AND BY COMPONENT: 2019 -- Con.

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemployment Insurance	Property
North Carolina	12	3	16	20	7	33
North Dakota	17	23	20	32	14	6
Ohio	42	46	44	28	6	13
Oklahoma	26	9	33	39	1	19
Oregon	7	30	36	4	37	17
Pennsylvania	34	43	18	21	46	34
Rhode Island	37	32	29	23	29	43
South Carolina	35	19	34	34	27	27
South Dakota	3	1	1	33	39	28
Tennessee	16	24	8	46	22	29
Texas	15	49	6	37	18	37
Utah	8	5	10	16	16	3
Vermont	41	38	37	15	20	49
Virginia	22	10	35	10	43	30
Washington	20	44	6	49	19	25
West Virginia	19	13	28	17	30	18
Wisconsin	32	35	39	8	41	21
Wyoming	1	1	1	6	36	38
Dist. of Columbia 1/	46	27	45	25	33	47

1/ Score and rank do not affect other areas.

Source: Tax Foundation, *2019 State Business Tax Climate Index*, Table 1 (September 26, 2018)
<https://taxfoundation.org/publications/state-business-tax-climate-index/> accessed June 21, 2019.

**Table 9.14-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX:
2016 TO 2019**

[For fiscal year ending June 30. The higher the score, the lower the rank, and therefore, the more favorable the state's tax system is for business. See source for details. Rank is among the 50 states. 2016 to 2018 data may differ from previous year due to enactment of retroactive statutes, backcasting of methodological changes or corrections]

Location	2016		2017		2018		2019	
	Index rank	Total score	Index rank	Total score	Index rank	Total score	Index rank	Total score
Alabama	38	4.69	37	4.77	37	4.73	39	4.61
Alaska	2	7.34	3	7.25	3	7.15	2	7.35
Arizona	27	5.08	26	5.10	25	5.09	27	5.00
Arkansas	46	4.25	43	4.36	43	4.35	46	4.28
California	48	3.91	48	3.91	48	3.88	49	4.00
Colorado	18	5.26	18	5.25	18	5.28	18	5.19
Connecticut	47	4.19	47	4.17	47	4.17	47	4.23
Delaware	11	5.53	16	5.34	16	5.34	11	5.55
Florida	4	6.78	4	6.82	4	6.82	4	6.86
Georgia	34	4.81	33	4.89	31	4.92	33	4.85
Hawaii	35	4.72	31	4.90	34	4.86	38	4.66
Idaho	26	5.10	25	5.10	23	5.11	21	5.12
Illinois	30	4.97	28	4.99	33	4.86	36	4.74
Indiana	10	5.58	9	5.73	9	5.75	10	5.70
Iowa	42	4.40	45	4.29	46	4.30	45	4.33
Kansas	25	5.11	24	5.11	28	5.04	28	4.99
Kentucky	37	4.70	38	4.66	39	4.69	23	5.10
Louisiana	39	4.68	44	4.31	44	4.32	44	4.34
Maine	33	4.82	35	4.87	30	4.97	30	4.95
Maryland	41	4.51	40	4.47	40	4.48	40	4.53
Massachusetts	28	4.99	29	4.98	27	5.04	29	4.98
Michigan	13	5.46	12	5.50	12	5.50	13	5.45
Minnesota	45	4.36	46	4.29	45	4.31	43	4.37
Mississippi	29	4.98	30	4.98	29	4.98	31	4.95
Missouri	16	5.29	15	5.36	15	5.34	14	5.38
Montana	5	6.25	5	6.22	5	6.21	5	6.30
Nebraska	21	5.14	23	5.12	26	5.08	24	5.06
Nevada	9	5.86	7	5.92	7	5.92	9	5.81
New Hampshire	6	5.99	6	5.97	6	5.99	6	6.06
New Jersey	50	3.51	50	3.51	50	3.44	50	3.20
New Mexico	24	5.11	27	5.09	24	5.11	25	5.06
New York	49	3.84	49	3.86	49	3.87	48	4.02
North Carolina	12	5.49	11	5.55	11	5.58	12	5.52
North Dakota	19	5.24	19	5.23	19	5.23	17	5.28

Continued on next page.

**Table 9.14-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX:
2016 TO 2019 -- Con.**

Location	2016		2017		2018		2019	
	Index rank	Total score	Index rank	Total score	Index rank	Total score	Index rank	Total score
Ohio	43	4.40	41	4.46	41	4.44	42	4.51
Oklahoma	23	5.12	21	5.16	21	5.13	26	5.05
Oregon	8	5.86	10	5.73	10	5.74	7	5.88
Pennsylvania	36	4.72	32	4.90	36	4.82	34	4.85
Rhode Island	40	4.53	39	4.50	38	4.70	37	4.71
South Carolina	31	4.90	34	4.88	32	4.89	35	4.83
South Dakota	3	7.33	2	7.34	2	7.34	3	7.27
Tennessee	17	5.27	14	5.41	14	5.42	16	5.30
Texas	14	5.46	13	5.48	13	5.46	15	5.37
Utah	7	5.88	8	5.88	8	5.89	8	5.83
Vermont	44	4.39	42	4.38	42	4.39	41	4.53
Virginia	22	5.13	22	5.13	22	5.12	22	5.11
Washington	15	5.31	17	5.32	17	5.31	20	5.18
West Virginia	20	5.23	20	5.18	20	5.17	19	5.18
Wisconsin	32	4.84	36	4.80	35	4.85	32	4.87
Wyoming	1	7.62	1	7.64	1	7.70	1	7.62
Dist. of Col. 1/	45	4.37	48	4.03	48	4.04	46	4.32

1/ Score and rank do not affect other areas.

Source: Tax Foundation, *2019 State Business Tax Climate Index*, Table 2 (September 26, 2018)
<<https://taxfoundation.org/publications/state-business-tax-climate-index/>> accessed June 24, 2019.

Table 9.15-- ESTIMATED TAX BURDEN FOR THE FOUR-PERSON ALOHA FAMILY ON OAHU: 1970, 1988, 1999 AND 2006

[In dollars and percent. For 1970 and 1988, based on a gross family income equivalent to four times the per capita personal income estimated for Hawaii. For 1999, salary income is estimated at \$81,000 for Alfie (a full- and a part-time jobs) and Anita (a full-time job) plus \$1,840 other family income from rental of a condominium unit, dividends from stocks, and interest on bank certificates of deposit. For 2006, salary income is estimated at \$100,100 for Alfie and Anita, net rental income of -\$3,720, and \$4,220 interest income and dividends. Other assumptions are the same as in 1999. For other underlying assumptions, see sources]

Subject	1970 (dollars)	1988 (dollars)	1999 (dollars)	2006 (dollars)	2006 as percent of total	
					Tax burden	Gross family income
Total tax burden	5,559	25,610	31,107	42,788	100.0	38.7
Federal income	2,130	8,096	6,623	6,934	16.2	6.3
State income	693	3,693	3,477	4,560	10.7	4.1
Social security 1/	1,247	7,758	12,394	16,845	39.4	15.2
General excise	304	1,207	3,580	6,041	14.1	5.5
Real property	366	1,006	1,099	1,650	3.9	1.5
Employment 2/	527	3,301	3,112	5,710	13.3	5.2
Specific excise 3/	67	161	200	280	0.7	0.3
Automobile	225	388	622	768	1.8	0.7
Direct tax bill	4,342	18,432	19,288	26,360	61.6	23.8
Indirect tax bill	1,217	7,178	11,819	16,429	38.4	14.9
Gross family income	16,408	62,716	82,840	110,600	(X)	100.0
After taxes	10,898	37,106	51,733	67,812	(X)	61.3

X Not applicable.

1/ The sum of the amount the Alohas paid for retirement benefits and Medicare and the equal amount paid by their employers on their behalf.

2/ Unemployment compensation, temporary disability insurance, and workers' compensation.

3/ Alcohol, tobacco, telephone and cell.

Source: Hawaii State Department of Business, Economic Development & Tourism, records; and Tax Foundation of Hawaii, "The Tax Burden of the Arnie Aloha Family" (November 1989) and "The Tax Burden of the Aloha Family" (June 2001).

**Table 9.16-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,
BY LEVEL OF GOVERNMENT: 2015**

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately]

Category	State & local	State	Local
Revenue 1/ 2/	16,817,992	13,065,465	3,979,610
General revenue 1/ 2	15,148,587	11,813,718	3,561,952
Intergovernmental revenue 1/	3,041,158	2,697,519	570,722
General revenue from own sources 2/	12,107,429	9,116,199	2,991,230
Taxes	8,709,528	6,485,563	2,223,965
Property	1,531,270	-	1,531,270
Sales and gross receipts	4,538,142	4,082,196	455,946
Individual income	1,987,915	1,987,915	-
Corporate income	72,249	72,249	-
Motor vehicle license	362,672	178,663	184,009
Other taxes	217,280	164,540	52,740
Charges & misc. general revenue 2/	3,397,901	2,630,636	767,265
Current charges 2/ 3/	2,393,734	1,715,453	678,281
Education	429,246	429,246	-
Hospitals	669,184	669,184	-
Air transportation (airports)	357,018	357,018	-
Sewerage	460,776	-	460,776
Miscellaneous general revenue	1,004,167	915,183	88,984
Utility revenue	417,658	-	417,658
Insurance trust revenue	1,251,747	1,251,747	-
Expenditure 1/ 2/	16,082,922	12,414,891	3,935,512
Intergovernmental expenditure 1/	382	267,863	-
Direct expenditure by function 2/	16,082,540	12,147,028	3,935,512
Direct general expenditure 2/	13,579,240	10,779,913	2,799,327
Capital outlay	1,585,642	999,997	585,645
Other direct general expenditure 2/	11,993,598	9,779,916	2,213,682
Education services 4/	3,271,803	3,271,727	76
Education	3,232,559	3,232,483	76
Libraries	39,244	39,244	-
Social services & income maint. 2/ 4/	3,987,238	3,881,299	105,939
Public welfare 2/	2,558,901	2,479,637	79,264
Hospitals	870,397	870,397	-
Health	553,329	526,654	26,675
Employment security administration	4,611	4,611	-
Veterans' services	-	-	-
Transportation 4/	1,327,349	1,036,921	290,428
Highways	839,332	549,795	289,537
Air transportation (airports)	417,823	417,823	-

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**Table 9.16-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,
BY LEVEL OF GOVERNMENT: 2015 -- Con.**

Category	State & local	State	Local
Public safety 4/	941,141	295,247	645,894
Police protection	457,226	37,958	419,268
Fire protection	221,498	-	221,498
Correction	217,301	217,301	-
Protective inspection and regulation	45,116	39,988	5,128
Environment and housing 4/	1,319,172	412,349	906,823
Natural resources	137,718	136,013	1,705
Parks and recreation	287,546	98,882	188,664
Housing and community development	270,523	177,437	93,086
Sewerage	370,127	17	370,110
Solid waste management	253,258	-	253,258
Governmental administration	790,822	481,448	309,374
Interest on general debt 2/	526,699	343,513	183,186
Gen. expend., not elsewhere classified 2/	1,415,016	1,057,409	357,607
Utility expenditure 4/	1,143,708	7,523	1,136,185
Water supply	323,306	7,523	315,783
Transit	820,402	-	820,402
Insurance trust expenditure	1,359,592	1,359,592	-
Debt outstanding	14,823,819	8,757,730	6,066,089
Short-term	87,660	-	87,660
Long-term	14,736,159	8,757,730	5,978,429
Public debt for private purposes	398,214	347,799	50,415
Long-term debt issued	2,520,933	1,377,681	1,143,252
Long-term debt retired	1,995,659	1,046,524	949,135
Cash and security holdings	23,529,687	20,516,627	3,013,060
Insurance trust funds	13,780,519	13,780,519	-
Unemployment compensation	435,459	435,459	-
Employee retirement	13,345,060	13,345,060	-
Workers' compensation & misc.	-	-	-
Other than insurance trust funds	9,749,168	6,736,108	3,013,060
Offsets to debt	905,426	798,831	106,595
Bond funds	562,661	297,924	264,737
Other	8,281,081	5,639,353	2,641,728

1/ Duplicative intergovernmental transactions are excluded.

2/ 'State & local' and 'Local' revised from previous *Data Book*.

3/ Charges include highways, parking facilities, sea and inland port facilities, natural resources, parks and recreation, housing and community development, solid waste management, and other charges.

4/ Includes capital outlay.

Source: U.S. Census Bureau, "Table 1. State and Local Government Finances by Level of Government and by State: 2015" (revised December 19, 2018) <<http://www.census.gov/govs/local/>> accessed April 4, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.17-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,
BY LEVEL OF GOVERNMENT: 2016**

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately]

Category	State & local	State	Local
Revenue	17,378,714	13,417,567	4,190,598
General revenue 1/	16,439,708	12,919,296	3,749,863
Intergovernmental revenue 1/	3,326,658	2,943,334	612,775
General revenue from own sources	13,113,050	9,975,962	3,137,088
Taxes	9,239,417	6,919,035	2,320,382
Property	1,629,213	-	1,629,213
Sales and gross receipts	4,765,589	4,315,902	449,687
Individual income	2,116,130	2,116,130	-
Corporate income	108,169	108,169	-
Motor vehicle license	377,589	186,742	190,847
Other taxes	242,727	192,092	50,635
Charges & misc. general revenue	3,873,633	3,056,927	816,706
Current charges 2/	2,510,337	1,799,125	711,212
Education	450,294	450,294	-
Hospitals	650,377	650,377	-
Air transportation (airports)	384,560	384,560	-
Sewerage	487,551	-	487,551
Miscellaneous general revenue	1,363,296	1,257,802	105,494
Utility revenue	440,735	-	440,735
Insurance trust revenue	498,176	498,176	-
Expenditure 1/	16,217,724	12,191,854	4,160,421
Intergovernmental expenditure 1/	382	134,933	-
Direct expenditure by function	16,217,342	12,056,921	4,160,421
Direct general expenditure	13,627,195	10,671,728	2,955,467
Capital outlay	1,607,577	950,020	657,557
Other direct general expenditure	12,019,618	9,721,708	2,297,910
Education services 3/	3,422,034	3,422,024	10
Education	3,386,186	3,386,176	10
Libraries	35,848	35,848	-
Social services & income maint. 3/	4,031,636	3,905,968	125,668
Public welfare	2,855,188	2,758,279	96,909
Hospitals	625,576	625,576	-
Health	544,412	515,653	28,759
Employment security administration	6,460	6,460	-
Veterans' services	-	-	-
Transportation 3/	1,254,599	935,780	318,819
Highways	772,029	454,118	317,911
Air transportation (airports)	397,164	397,164	-

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**Table 9.17-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,
BY LEVEL OF GOVERNMENT: 2016 -- Con.**

Category	State & local	State	Local
Public safety 3/	963,175	309,067	654,108
Police protection	459,008	38,801	420,207
Fire protection	227,779	-	227,779
Correction	217,459	217,459	-
Protective inspection and regulation	58,929	52,807	6,122
Environment and housing 3/	1,368,574	390,714	977,860
Natural resources	179,601	167,785	11,816
Parks and recreation	305,562	63,280	242,282
Housing and community development	247,168	159,649	87,519
Sewerage	409,445	-	409,445
Solid waste management	226,798	-	226,798
Governmental administration	855,980	555,168	300,812
Interest on general debt	321,326	120,750	200,576
Gen. expend., not elsewhere classified	1,409,871	1,032,257	377,614
Utility expenditure 3/	1,204,954	-	1,204,954
Water supply	325,446	-	325,446
Transit	879,508	-	879,508
Insurance trust expenditure	1,385,193	1,385,193	-
Debt outstanding	15,383,314	9,216,583	6,166,731
Short-term	90,649	-	90,649
Long-term	15,292,665	9,216,583	6,076,082
Public debt for private purposes	388,990	339,445	49,545
Long-term debt issued	3,136,450	2,045,877	1,090,573
Long-term debt retired	2,582,626	1,587,024	995,602
Cash and security holdings	25,313,016	22,382,636	2,930,380
Insurance trust funds	14,664,877	14,664,877	-
Unemployment compensation	504,251	504,251	-
Employee retirement	14,160,626	14,160,626	-
Workers' compensation & misc.	-	-	-
Other than insurance trust funds	10,648,139	7,717,759	2,930,380
Offsets to debt	944,365	826,291	118,074
Bond funds	487,970	341,864	146,106
Other	9,215,804	6,549,604	2,666,200

1/ Duplicative intergovernmental transactions are excluded.

2/ Charges include highways, parking facilities, sea and inland port facilities, natural resources, parks and recreation, housing and community development, solid waste management, and other charges.

3/ Includes capital outlay.

Source: U.S. Census Bureau, "Table 1. State and Local Government Finances by Level of Government and by State: 2016" (December 19, 2018) <<http://www.census.gov/govs/local/>> accessed June 20, 2019.

Table 9.18-- HAWAII STATE GOVERNMENT FINANCES: 2014 TO 2017

[Amount in thousands of dollars. For fiscal year ending June 30]

Category	2014	2015	2016	2017
Total revenue	15,075,025	13,065,465	13,417,567	16,136,298
General revenue	11,323,888	11,813,718	12,919,296	13,451,636
Intergovernmental revenue	2,810,537	2,697,519	2,943,334	2,787,412
Total taxes	6,052,795	6,485,563	6,919,035	7,029,026
General sales & gross rec.	2,825,041	2,992,707	3,206,154	3,239,225
Selective sales & gross rec.	1,022,621	1,089,489	1,109,748	1,126,631
License	243,007	252,431	263,130	269,224
Individual income	1,745,461	1,987,915	2,116,130	2,095,601
Corporate net income	126,045	72,249	108,169	184,840
Other taxes	90,620	90,772	115,704	113,505
Current charges	1,664,748	1,715,453	1,799,125	1,896,868
Misc. general revenue	795,808	915,183	1,257,802	1,738,330
Liquor stores revenue 1/	(X)	(X)	95	(X)
Insurance trust revenue	3,751,137	1,251,747	498,176	2,684,662
Total expenditure 2/	12,548,539	12,337,211	12,191,854	12,680,681
General expenditure, by function 2/	11,214,800	11,047,776	10,806,661	11,191,735
Education	3,388,553	3,232,483	3,386,370	3,409,731
Public welfare 2/	2,585,280	2,480,019	2,760,118	2,984,204
Hospitals	821,973	870,397	627,076	619,245
Health	531,048	538,736	515,683	550,157
Highways	422,348	549,795	456,996	318,005
Police protection	37,362	38,254	38,801	44,877
Correction	216,708	217,301	266,716	228,646
Natural resources	115,926	136,924	176,518	161,860
Parks and recreation	92,890	99,041	71,879	84,206
Government administration	504,362	487,579	563,903	595,200
Interest on general debt	383,224	343,513	120,750	113,918
Other and unallocable	2,115,126	2,053,734	1,821,851	2,081,686
Utility expenditure	5,151	7,523	(X)	(X)
Insurance trust revenue	1,328,588	1,281,912	1,385,193	1,488,946
Exhibit: General expenditure 2/	11,214,800	11,047,776	10,806,661	11,191,735
Intergovernment expenditure	255,885	267,863	134,933	328,020
Direct expenditure 2/	10,958,915	10,779,913	10,671,728	10,863,715
Debt outstanding, long- & short-term	8,426,573	8,757,730	9,216,583	9,656,278
Cash and security holdings	19,176,589	20,516,627	22,382,636	24,623,403

X Not applicable.

1/ Hawaii has no state-operated liquor stores. Contacted Census Bureau for clarification re: 2016.

2/ 2016 revised from previous *Data Book*.

Source: U.S. Census Bureau, "State Government Finances: 2014" (SG21400A1) (June 9, 2017);
Ibid. 2015 (SG1500A1) (June 9, 2017); Ibid. 2016 (SG1600A1) (March 22, 2018); Ibid. 2017
(May 3, 2019) <<https://www.census.gov/programs-surveys/state.html>> accessed July 3, 2019.

Table 9.19-- STATE GOVERNMENT EXPENDITURES, GOVERNMENTAL FUNDS, BY FUNCTION: 2014 TO 2018

[In thousands of dollars. For fiscal year ending June 30. Table reflects changes in fund balances, governmental funds]

Function	2014	2015	2016	2017	2018
Total expenditures	9,829,887	10,254,158	10,628,399	11,362,828	12,130,012
Current	9,092,589	9,519,843	9,868,287	10,582,072	11,344,344
General government	543,129	573,820	673,236	701,083	807,032
Public safety	519,954	484,960	479,047	531,545	579,980
Highways	403,559	455,563	389,744	461,523	609,538
Conservation of nat'l resources	108,703	145,516	181,563	180,697	157,639
Health	828,088	855,797	876,820	873,703	827,592
Welfare	2,945,370	3,192,807	3,349,414	3,442,279	3,495,974
Lower education	2,603,774	2,619,156	2,828,013	2,973,583	3,226,275
Higher education	693,292	761,837	673,217	899,199	950,843
Other education	21,766	21,664	23,379	27,248	23,827
Culture and recreation	107,846	96,676	101,351	104,655	104,964
Urban redev. & housing	65,228	71,384	54,446	63,807	124,292
Econ. devel. & assistance	158,379	176,919	159,483	179,127	167,614
Housing	63,683	48,565	58,381	133,010	256,386
Other	29,818	15,179	20,193	10,613	12,388
Debt service	737,298	734,315	760,112	780,756	785,668
Principal	458,983	444,791	444,791	484,274	464,518
Interest and others	278,315	289,524	315,321	296,482	321,150

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2018* (p. 154)
 <<http://ags.hawaii.gov/accounting/annual-financial-reports/>> accessed January 28, 2019, and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 9.20-- STATE GOVERNMENT REVENUES, GOVERNMENTAL FUNDS: 2014 TO 2018

[In thousands of dollars. For fiscal year ending June 30. Table reflects changes in fund balances, governmental funds]

Function	2014	2015	2016	2017	2018
Total revenues	9,125,004	9,737,152	10,309,851	10,516,019	11,316,814
Total taxes	5,698,633	6,109,130	6,450,508	6,610,703	7,189,827
General excise	2,816,346	3,021,418	3,192,469	3,189,599	3,553,975
Net income - corp. & personal	1,840,963	2,047,327	2,157,879	2,286,017	2,456,674
Public service companies	166,179	163,481	152,760	122,159	117,641
Transient accommodations	188,721	202,345	233,082	299,712	304,521
Tobacco and liquor	155,990	165,137	161,239	160,906	157,988
Liquid fuel	88,707	88,449	89,702	84,933	85,211
Insurance companies' premiums	139,074	147,767	154,690	166,836	162,318
Vehicle weight and registration	124,686	125,113	130,051	132,974	135,080
Rental motor/tour vehicle surcharge	42,853	51,941	54,873	53,189	54,846
Franchise	38,983	19,930	14,691	11,174	15,712
Other	96,131	76,222	109,072	103,204	145,861
Non-taxes	3,426,371	3,628,022	3,859,343	3,905,316	4,126,987
Interest and investment (loss) income	13,163	16,024	22,564	30,676	36,527
Charges for current services	363,791	384,380	431,181	460,211	477,717
Intergovernmental	2,650,876	2,803,989	2,995,768	2,938,557	2,878,717
Rentals	31,846	31,127	32,371	35,530	35,466
Fines, forfeitures, and penalties	33,087	37,201	35,738	39,203	38,767
Licenses and fees	47,209	42,463	45,738	46,893	47,066
Revenues from private sources	112,916	121,366	126,450	105,857	184,661
Other	173,483	191,472	169,533	248,389	428,066

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2018* (p. 154)
 <<http://ags.hawaii.gov/accounting/annual-financial-reports/>> accessed January 28, 2019, and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 9.21-- LOCAL GOVERNMENT REVENUES: 2012

[Data rounded to thousands of dollars. For fiscal year ending June 30. Based on sample]

Subject	Total	City & County of Honolulu	Other counties	Special district 1/
Revenue	3,533,454	2,412,211	1,083,084	38,159
General revenue	3,193,742	2,195,211	960,372	38,159
Intergovernmental revenue	538,734	314,318	205,926	18,490
From Federal gov't	299,649	218,849	80,784	16
From State gov't	238,238	95,055	125,142	18,041
From local gov'ts	847	414	-	433
Gen. rev. from own sources	2,655,008	1,880,893	754,446	19,669
Taxes	1,931,500	1,316,440	615,060	-
Property	1,310,590	813,319	497,271	-
Sales & gross receipts	414,034	341,519	72,515	-
General sales tax	190,665	190,665	-	-
Selective sales	223,369	150,854	72,515	-
Motor fuel	71,905	49,225	22,680	-
Public utilities	151,464	101,629	49,835	-
Motor vehicle license	167,918	139,322	28,596	-
Other taxes	38,958	22,280	16,678	-
Charges & misc. gen. rev.	723,508	564,453	139,386	19,669
Current charges	647,766	525,888	120,990	888
Highways	25,231	4,364	20,867	-
Parking facilities	8,521	8,459	62	-
Natural resources	12	-	-	12
Parks & recreation	30,848	28,426	2,422	-
Housing & comm. dev.	1,728	1,154	574	-
Sewerage	424,245	363,594	60,651	-
Solid waste mgt.	143,129	116,154	26,975	-
Other charges	14,052	3,737	9,439	876
Misc. general rev.	75,742	38,565	18,396	18,781
Interest earnings	7,769	4,718	2,972	79
Special assessments	17,159	15,214	1,945	-
Sale of property	350	183	167	-
Other gen. revenue	50,464	18,450	13,312	18,702
Utility revenue	339,712	217,000	122,712	-
Water supply	280,595	159,508	121,087	-
Transit	59,117	57,492	1,625	-

1/ Hawaii statutes allow creation thereof but only Office of Hawaiian Affairs and soil and water conservation districts are counted as governments. See also *Individual State Descriptions: 2012* <<http://www2.census.gov/govs/cog/2012isd.pdf>>.

Source: U.S. Census Bureau, "Table 2. Local Government Finances by Type of Government and State: 2011 - 12" (revised December 9, 2016) <<http://www2.census.gov/govs/local/12slsstab2a.xls>> accessed January 3, 2017.

Table 9.22-- LOCAL GOVERNMENT EXPENDITURES: 2012

[Data are rounded to thousands of dollars. For fiscal year ending June 30. Based on sample]

Subject	Total	City & County of Honolulu	Other counties	Special district 1/
Expenditure	3,400,148	2,324,071	1,032,822	43,255
Intergov't expenditure	11	-	-	11
Direct expenditure	3,400,137	2,324,071	1,032,822	43,244
Current operations	2,237,075	1,380,219	814,137	42,719
Capital outlay	953,812	768,394	184,893	525
Construction	840,592	685,570	155,017	5
Other capital outlay	113,220	82,824	29,876	520
Interest on debt	209,250	175,458	33,792	-
Exhibit: Salaries and wages	820,618	464,555	346,051	10,012
Direct expenditure by function	3,400,137	2,324,071	1,032,822	43,244
Direct general expenditure	2,474,797	1,553,966	877,587	43,244
Capital outlay	515,429	367,467	147,437	525
Other direct general exp.	1,959,368	1,186,499	730,150	42,719
Education services	-	-	-	-
Education	-	-	-	-
Elem. & secondary	-	-	-	-
Libraries	-	-	-	-
Social serv. & inc. maint.	58,028	24,340	33,688	-
Public welfare	33,688	-	33,688	-
Vendor payments	8,658	-	8,658	-
Other public welfare	25,030	-	25,030	-
Health	24,340	24,340	-	-
Transportation	255,270	125,559	129,711	-
Highways	254,708	124,997	129,711	-
Capital outlay	135,321	83,730	51,591	-
Parking facilities	562	562	-	-
Public safety	559,882	347,810	212,072	-
Police protection	358,771	242,433	116,338	-
Fire protection	194,866	105,377	89,489	-
Prot. insp. & regulation	6,245	-	6,245	-
				-

Continued on next page.

Table 9.22-- LOCAL GOVERNMENT EXPENDITURES: 2012 -- Con.

Subject	Total	City & County of Honolulu	Other counties	Special district 1/
Environment and housing	831,336	644,071	186,710	555
Natural resources	792	229	8	555
Capital outlay	229	229	-	-
Parks and recreation	173,645	118,723	54,922	-
Capital outlay	31,216	25,354	5,862	-
Housing & comm. dev.	90,437	57,942	32,495	-
Sewerage	267,601	224,214	43,387	-
Capital outlay	123,137	117,585	5,552	-
Solid waste mgt'ment	298,861	242,963	55,898	-
Capital outlay	101,002	98,191	2,811	-
Gov't admin.	327,065	124,093	202,972	-
Financial admin.	64,242	34,225	30,017	-
Judicial and legal	64,265	23,540	40,725	-
General public bldngs	91,625	35,435	56,190	-
Other gov't admin.	106,933	30,893	76,040	-
Interest on general debt	196,717	166,786	29,931	-
General expenditure, n.e.c.	246,499	121,307	82,503	42,689
Misc. comm. activities	1,129	-	1,129	-
Other and unallocable	245,370	121,307	81,374	42,689
Utility expenditure	925,340	770,105	155,235	-
Capital outlay	438,383	400,927	37,456	-
Water supply	278,233	137,522	140,711	-
Transit	647,107	632,583	14,524	-
Debt outstanding	5,626,998	4,701,881	925,117	-
Short-term	33,000	-	33,000	-
Long-term	5,593,998	4,701,881	892,117	-
Public debt for private purposes	29,052	-	29,052	-
Long-term debt issued	616,293	598,089	18,204	-
Long-term debt retired	483,636	410,961	72,675	-
Cash and security holdings	2,951,351	1,849,902	743,069	358,380
Other than insurance trust funds	2,951,351	1,849,902	743,069	358,380
Offsets to debt	71,593	40,789	30,804	-
Bond funds	171,577	47,323	124,254	-
Other	2,708,181	1,761,790	588,011	358,380

1/ Hawaii statutes allow creation thereof but only Office of Hawaiian Affairs and soil and water conservation districts are counted as governments. See also *Individual State Descriptions: 2012* <<http://www2.census.gov/govs/cog/2012isd.pdf>>.

Source: U.S. Census Bureau, "Table 2. Local Government Finances by Type of Government and State: 2011 - 12" (revised December 9, 2016) <<http://www2.census.gov/govs/local/12slsstab2a.xls>> accessed January 3, 2017.

Table 9.23-- NUMBER OF EXEMPTIONS AND ADJUSTED GROSS INCOME REPORTED ON INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 1990 TO 2016

Tax year	Number of returns	Number of exemptions 1/	Adjusted gross income (less deficit)		
			Total (\$1,000)	Per return (dollars)	Per exemption 1/ (dollars)
1990	555,488	1,145,166	17,462,616	31,437	15,249
1991	567,412	1,173,631	17,778,657	31,333	15,148
1992	569,334	1,179,166	18,398,690	32,316	15,603
1993	556,041	1,173,229	18,519,252	33,306	15,785
1994	554,077	1,172,855	18,507,502	33,402	15,780
1995	549,519	1,171,533	19,057,384	34,680	16,267
1996	549,619	1,066,834	19,537,774	35,548	18,314
1997	552,105	1,197,378	20,367,085	36,890	17,010
1998	553,525	1,090,735	20,874,106	37,711	19,138
1999	558,612	1,093,731	22,327,292	39,969	20,414
2000	572,178	1,110,699	23,929,238	41,821	21,544
2001	577,693	(2/)	23,882,640	41,341	(2/)
2002	584,605	1,138,413	24,160,873	41,329	21,223
2003	591,084	1,149,652	25,718,250	43,510	22,370
2004	606,129	1,172,464	28,113,640	46,382	23,978
2005	621,014	1,194,091	31,284,219	50,376	26,199
2006	638,212	1,198,076	33,030,898	51,755	27,570
2007 3/	694,035	1,277,961	35,510,051	51,165	27,786
2008	656,452	1,232,329	33,877,950	51,608	27,491
2009	648,846	1,241,352	33,438,301	51,535	26,937
2010	653,371	1,257,443	33,362,224	51,062	26,532
2011	661,948	1,270,737	34,372,459	51,926	27,049
2012	665,320	1,272,430	36,814,360	55,333	28,932
2013	675,280	1,282,860	37,478,298	55,500	29,215
2014	681,840	1,289,380	39,689,089	58,209	30,782
2015	688,570	1,291,950	41,845,278	60,771	32,389
2016	685,270	1,272,260	42,823,217	62,491	33,659

1/ Exemptions for age or blindness included since 1981. "Number of exemptions" also includes responses of taxpayers who checked the boxes on their tax returns for age 65 or over or for blindness, partly to justify the additional standard deductions for age or blindness. This allows comparability across the period except these responses were not included in the 1996 statistics, so data for that year are not altogether comparable with those for 1997 and years preceding 1996.

2/ Number of exemptions unavailable for all income classes.

3/ Includes returns that were filed by individuals only to receive the economic stimulus payment and who had no other reason to file.

Source: U.S. Treasury Department, Internal Revenue Service, *Statistics of Income. Individual Income Tax Returns* (annual); *SOI Bulletin, Winter 1990-91, p. 58; Spring 1993, p. 148; Fall 1994, p. 148;* and thereafter *Spring 1995 through Spring 2003* and thence Tax Year "Individual Income and Tax Data, by State and Size of Adjusted Gross Income" (annual) <<http://www.irs.gov/uac/SOI-Tax-Stats-Historic-Table-2>> accessed February 5, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.24-- ADJUSTED GROSS INCOME AND INCOME TAX, BY SIZE OF ADJUSTED GROSS INCOME, FOR INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEAR 2015 AND 2016

Tax year and size of adj. gross income 1/	Number of returns	Adjusted gross income less deficit (\$1,000)	Total income tax liability		
			Number of returns	Amount (\$1,000)	Average (dollars)
2015					
All returns	2/ 688,570	41,845,278	3/ 526,240	5,362,397	10,190
Under \$1 4/	11,920	-792,777	1,840	4,241	2,305
\$1 under \$50,000	400,390	9,212,581	255,260	510,441	2,000
\$50,000 under \$75,000	99,590	6,114,326	94,480	542,280	5,740
\$75,000 under \$100,000	64,480	5,585,833	63,140	563,479	8,924
\$100,000 under \$200,000	89,260	11,973,355	88,600	1,530,870	17,278
\$200,000 under \$500,000	19,600	5,466,263	19,580	1,068,642	54,578
\$500,000 or more	3,340	4,285,697	3,330	1,142,444	343,076
2016					
All returns	2/ 685,270	42,823,217	2/ 530,430	5,578,986	10,518
Under \$1 4/	12,120	-821,002	1,770	7,246	4,094
\$1 under \$50,000	391,030	9,087,185	253,260	517,515	2,043
\$50,000 under \$75,000	100,910	6,193,163	96,050	557,941	5,809
\$75,000 under \$100,000	65,240	5,656,525	64,010	579,315	9,050
\$100,000 under \$200,000	91,860	12,360,800	91,260	1,588,519	17,407
\$200,000 under \$500,000	20,520	5,742,059	20,490	1,127,472	55,025
\$500,000 or more	3,600	4,604,487	3,600	1,200,978	333,605

1/ Filed in following year.

2/ Published sum is 10 lower than sum of components.

3/ Published sum is 10 higher than sum of components.

4/ Includes returns with adjusted gross deficit. Beginning with 2011 shown explicitly in 'Under \$1'.

Source: U.S. Treasury Department, Internal Revenue Service, "Individual Income and Tax Data, by State and Size of Adjusted Gross Income" (annual) <<http://www.irs.gov/uac/SOI-Tax-Stats-Historic-Table-2>> accessed February 16, 2019; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.25-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS:
TAX YEAR 2014 TO 2016**

[In number and thousands of dollars. Does not include deleted ZIP codes and may not be strictly comparable to other IRS state totals]

Adjusted gross income size (dollars)	No. of returns	No. of exemptions	Adjusted gross income	Salaries and wages		Taxable interest		Total tax liability	
				No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
Total - 2014	669,610	1,272,140	40,295,816	553,300	27,531,633	222,190	236,890	513,720	4,891,386
1 under 25,000	229,860	313,110	2,853,927	175,250	2,228,262	38,770	17,941	111,090	100,451
25,000 under 50,000	175,510	324,850	6,377,676	154,040	5,316,040	41,350	21,877	145,740	398,367
50,000 under 75,000	98,030	207,290	6,024,014	82,570	4,557,976	39,540	26,644	92,720	524,908
75,000 under 100,000	62,830	152,370	5,446,019	53,140	3,977,735	32,230	24,083	61,490	540,097
100,000 under 200,000	82,790	220,850	11,081,669	71,360	7,714,540	53,360	53,856	82,110	1,412,437
200,000 or more	20,590	53,670	8,512,511	16,940	3,737,080	16,940	92,489	20,570	1,915,126
Total - 2015	676,540	1,274,850	42,272,793	556,470	28,943,946	220,320	242,304	524,260	5,249,139
1 under 25,000	222,830	296,700	2,748,939	167,910	2,141,285	37,240	17,733	106,790	98,430
25,000 under 50,000	177,500	321,920	6,462,197	155,450	5,401,576	39,590	21,399	148,390	411,883
50,000 under 75,000	99,580	205,850	6,113,868	83,670	4,653,968	38,130	24,151	94,470	542,210
75,000 under 100,000	64,470	153,530	5,585,066	54,080	4,082,686	31,480	24,290	63,130	563,347
100,000 under 200,000	89,310	237,020	11,991,735	76,490	8,467,161	55,320	53,544	88,650	1,534,721
200,000 or more	22,850	59,830	9,370,988	18,870	4,197,270	18,560	101,187	22,830	2,098,548
Total - 2016	673,030	1,255,160	43,372,883	551,460	29,626,781	221,690	246,780	528,510	5,523,341
1 under 25,000	214,170	279,920	2,635,838	158,880	2,037,684	36,880	17,674	103,490	97,253
25,000 under 50,000	176,780	313,350	6,449,911	154,810	5,409,778	38,950	20,407	149,680	420,116
50,000 under 75,000	100,900	203,800	6,192,582	84,750	4,744,765	38,100	24,383	96,050	557,861
75,000 under 100,000	65,230	152,330	5,655,217	54,630	4,149,287	31,540	25,627	63,990	579,172
100,000 under 200,000	91,900	242,840	12,373,457	78,500	8,776,360	56,810	57,604	91,290	1,590,953
200,000 or more	24,050	62,920	10,065,878	19,890	4,508,907	19,410	101,085	24,010	2,277,986

Source: U.S. Internal Revenue Service, Statistics of Income, records, "Hawaii Individual Income Tax Returns: Selected Income and Tax Items by State, ZIP Code and Size of Adjusted Gross Income, Tax Year (annual)

<<https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-statistics-zip-code-data-soi>> accessed April 2, 2019.

Table 9.26-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS, BY SELECTED ZIP CODES: TAX YEAR 2016

[Money amounts in thousands of dollars. State total does not include deleted ZIP code totals, such as those ZIP Codes with fewer than 100 returns, a single building or identified as nonresidential. ZIP codes were selected on basis of highest tax liability]

Zip code	No. of returns	Number of		Adj. gross income	Salaries and wages		Taxable interest		Total tax liability	
		Exemp-tions	Depen-dents		No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
State total	673,030	1,255,160	369,900	43,372,883	551,460	29,626,781	221,690	246,780	528,510	5,523,341
96816	26,140	43,380	10,120	2,443,596	19,860	1,260,563	11,580	19,439	21,450	402,577
96734	22,900	43,740	11,950	1,987,639	18,250	1,297,489	9,760	14,249	18,980	291,508
96821	9,760	17,440	4,140	1,341,326	6,840	691,134	5,730	13,660	8,250	256,555
96744	27,460	50,370	13,780	2,007,391	21,980	1,369,584	11,340	8,860	22,660	255,984
96825	15,330	28,730	7,310	1,590,457	11,440	937,496	8,120	12,302	13,100	250,730
96822	21,190	33,660	7,040	1,629,021	16,360	1,007,523	9,240	14,435	17,640	246,245
96789	26,470	52,000	15,520	1,996,415	22,170	1,468,330	11,630	6,789	22,180	235,943
96817	28,120	49,370	13,630	1,554,763	22,620	1,049,173	8,820	8,750	21,120	199,189
96701	20,900	37,130	9,550	1,488,379	16,600	985,725	9,040	7,559	17,260	193,256
96797	36,610	70,870	22,720	1,941,023	32,480	1,584,838	10,030	4,345	28,230	187,201
96706	32,290	67,950	23,860	1,930,598	29,350	1,648,011	8,170	3,044	25,170	182,669
96813	13,970	22,580	5,010	1,097,822	11,180	727,097	5,560	9,870	11,550	172,297
96815	14,820	22,270	3,630	1,073,561	11,490	674,113	5,410	10,112	12,550	161,623
96814	11,250	17,530	3,290	906,770	8,760	546,775	4,330	7,535	9,350	154,838
96707	20,170	41,170	13,840	1,361,785	18,230	1,111,617	5,570	2,868	16,180	151,340
96720	22,610	42,790	13,200	1,224,703	17,880	814,015	7,830	6,520	16,520	139,788
96818	22,000	47,670	16,360	1,282,299	19,430	1,036,513	7,080	3,832	17,140	127,587
96782	18,500	33,840	9,220	1,107,420	14,340	750,361	7,290	5,506	14,960	119,605
96819	23,920	45,720	15,340	1,127,832	20,800	871,329	5,460	4,476	17,230	112,522
96740	13,590	25,340	7,160	860,900	10,660	508,879	4,160	9,317	10,610	111,148

Source: U.S. Internal Revenue Service, Statistics of Income, "Hawaii Individual Income Tax Returns: Selected Income and Tax Items by State, ZIP Code and Size of Adjusted Gross Income, Tax Year 2015" <<https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-statistics-zip-code-data-soi>> accessed April 2, 2019.

Table 9.27-- SELECTED CHARACTERISTICS OF INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEAR 2015 AND 2016

Subject	2015		2016	
	Number of returns	Amount (\$1,000)	Number of returns	Amount (\$1,000)
All returns and adj. gross income (AGI) 1/	688,570	41,845,278	685,270	42,823,217
Salaries and wages	559,090	29,216,879	553,970	29,705,770
Taxable interest income	224,400	288,279	225,840	337,557
Ordinary dividends	137,680	834,221	135,700	845,067
Business or prof. net income (less loss)	106,720	1,749,553	109,530	1,754,947
Farm returns	5,610	(NA)	5,540	(NA)
Net capital gain (less loss)	115,420	2,146,273	113,220	2,472,336
Taxable indiv. retire. arrangements distrib.	64,300	1,046,096	65,670	1,075,838
Taxable pensions and annuities	140,490	3,940,056	140,020	3,966,931
Unemployment compensation	24,440	125,610	21,610	112,834
Taxable social security benefits	98,970	1,480,365	100,970	1,536,664
Self-employment (keogh) retirement plans	5,470	120,822	5,540	124,865
Exemptions	1,291,950	(NA)	1,272,260	(NA)
Itemized deductions	201,110	5,303,756	205,750	5,461,038
State and local income taxes	171,210	1,563,731	174,370	1,619,987
State and local general sales tax	23,490	23,265	24,700	25,950
Real estate taxes	154,930	354,775	157,580	386,375
Total taxes paid	200,040	1,981,499	204,650	2,071,934
Home mortgage interest paid	141,980	1,810,552	143,840	1,821,701
Charitable contributions	161,050	656,041	163,170	670,923
Taxable income	546,770	29,131,594	547,940	30,065,367
Total tax credits	217,710	329,144	211,530	314,937
Residential energy tax credit	15,050	59,409	12,790	44,223
Child tax credit	104,070	130,495	102,030	128,303
Child (and dependent) care credit	29,260	15,107	28,810	15,073
Earned income credit	110,700	239,484	104,330	223,222
Excess earned income credit (refundable)	92,900	211,803	86,740	195,894
Alternative minimum tax	14,750	98,433	15,510	106,174
Total tax payments	648,360	6,393,773	644,730	6,635,377
Income tax (before credits)	543,170	5,311,465	498,090	5,211,357
Tax liability	526,240	5,362,397	530,430	5,578,986
Tax due at time of filing	139,010	610,575	137,220	613,502
Overpayments (negative amount)	500,380	1,381,479	498,050	1,384,637

NA Not available.

1/ Adjusted gross income (AGI) includes deficit.

Source: U.S. Internal Revenue Service, Table 2.-- Individual Income and Tax Data, by State and Size of Adjusted Gross Income, Tax Year 2015 <<https://www.irs.gov/pub/irs-soi/15in12hi.xlsx>> accessed February 26, 2018, and Ibid. Tax Year 2016 <<https://www.irs.gov/pub/irs-soi/16in12hi.xlsx>> accessed April 2, 2019.

Table 9.28-- INTERNAL REVENUE SERVICE OPERATIONS: 2014 TO 2018

[In number or thousands of dollars. For fiscal years ending September 30. Numbers shown for the State of Hawaii do not necessarily indicate the Federal tax burden, since, in many instances, taxes are collected in one State from residents of, or operations in, another. Also, taxes of corporations may be paid from the principal office, although operations of these corporations may be located in one or more state(s). Refunds may be issued for a tax paid in a prior year]

Subject	2014	2015	2016	2017	2018
Total number of returns filed	1,108,736	1,123,626	1,123,282	1,126,627	1,140,767
Individual income tax	675,858	682,348	687,716	687,190	693,732
Estate and trust income tax	14,129	14,669	14,374	13,434	14,014
Partnership tax	12,239	12,641	12,883	13,026	13,045
Corporate income tax 1/	27,299	27,661	27,423	26,806	27,238
Estate tax	163	213	182	178	211
Gift tax	1,515	1,168	1,184	1,167	1,226
Employment taxes	120,548	119,688	120,176	119,965	121,682
Excise taxes	1,332	1,341	1,289	1,301	1,316
Other 2/	255,653	263,897	258,055	263,560	268,303
Total no. of returns filed electronically	632,712	660,297	683,631	698,448	721,560
Individual income tax	530,129	548,765	564,772	567,815	579,399
Estate and trust income tax	8,777	9,410	9,784	9,157	9,845
Partnership tax	6,400	7,055	7,930	8,364	8,937
Corporate income tax 1/	12,006	13,030	14,225	14,704	16,113
Employment taxes	27,695	30,947	33,798	38,118	42,013
Other 3/	47,705	51,090	53,122	60,290	65,253
Total number of refunds issued	536,883	541,056	546,574	545,207	547,216
Business income tax	2,097	2,182	1,952	1,931	1,970
Individual income tax 4/	528,732	532,548	538,437	537,273	539,671
Employment taxes	5,798	6,016	5,878	5,743	5,295
Estate tax	18	25	(D)	(D)	(D)
Gift tax	8	9	(D)	(D)	(D)
Excise taxes	230	276	283	229	246
Total amount of refunds issued (\$1,000)	1,452,114	1,443,955	1,512,841	1,462,267	1,475,394
Business income tax	87,680	110,568	107,204	65,289	60,660
Individual income tax 4/	1,354,430	1,324,862	1,397,640	1,379,735	1,393,161
Employment taxes	5,962	5,917	5,476	9,456	7,188
Estate tax	1,348	2,181	(D)	(D)	(D)
Gift tax	10	75	(D)	(D)	(D)
Excise taxes	2,685	351	715	964	12,266

D Not shown to avoid disclosure of information about specific taxpayers. However, the data are included in the appropriate totals.

1/ Includes S corporations and C or other corporations income tax.

2/ Includes Individual estimated income tax, Estate and trust estimated income tax, Tax-exempt organizations, and supplemental documents.

3/ Tax-exempt organizations; for 2011 and beyond also includes supplemental documents; 2014 and beyond also includes excise taxes.

4/ For 2011 to 2018, includes individual income tax and estate and trust income tax.

Source: U.S. Internal Revenue Service, *Internal Revenue Service Data Book* (annual)

<<http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book>> accessed May 2, 2019 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.29-- RESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:
TAX YEARS 1980 TO 2005 AND 2012 TO 2016**

Year income was received	Number of resident returns	Adjusted gross income 1/ (\$1,000)	Taxable income (\$1,000)	Tax liability (\$1,000)
1980	403,311	6,382,375	4,207,796	317,134
1981	429,100	6,759,002	4,416,316	332,288
1982	422,535	6,912,014	4,469,031	339,108
1983	424,194	7,088,769	4,695,499	360,551
1984	422,245	7,604,199	4,980,484	387,300
1985	427,572	8,060,406	5,284,942	415,544
1986	426,532	8,370,257	5,493,138	437,263
1987	468,363	10,147,149	7,170,035	556,135
1988	483,913	11,504,190	8,387,106	658,879
1989	510,512	13,091,785	9,540,367	729,649
1990	520,785	13,958,079	10,260,825	794,478
1991	527,993	14,648,266	10,745,622	840,485
1992	531,758	15,284,606	11,117,647	877,623
1993	532,533	15,307,960	11,178,223	884,048
1994	545,715	15,951,730	11,617,978	923,601
1995	521,194	15,307,772	11,115,466	883,119
1996	523,967	15,966,451	11,510,879	917,117
1997	514,563	16,651,182	12,245,720	983,677
1998	516,582	17,212,238	12,734,546	1,027,478
1999	517,178	18,276,952	13,760,031	949,346
2000	522,132	19,086,936	14,281,311	996,891
2001	522,741	18,815,637	14,056,450	938,328
2002	523,103	19,014,458	14,349,573	904,879
2003	526,516	19,886,764	15,082,448	959,014
2004	544,202	22,819,751	17,706,606	1,149,431
2005	554,563	24,910,803	19,370,582	1,274,707
2012	601,420	29,790,461	24,368,125	1,652,885
2013	613,603	30,138,474	24,231,837	1,631,874
2014	618,366	30,854,325	26,194,790	1,785,873
2015	624,765	34,006,946	28,137,078	1,937,065
2016	630,021	35,483,582	29,119,858	1,955,048

1/ Beginning in 1998, includes returns with negative AGI. Prior to 1998, the category was footnoted as 'exclusive of losses' to indicate returns with negative AGI were excluded.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), Table 1 (1980 - 2004) and Table A-1 (2005 and 2012 to 2015) and for 1994 to 2005 and 2012 to 2016
<http://tax.hawaii.gov/stats/a5_1annual/a5_5ind_inc/> accessed April 2, 2019.

**Table 9.30-- NONRESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:
TAX YEARS 1980 TO 2005 AND 2012 TO 2016**

Year income was received	Number of nonresident returns	Hawaii adjusted gross income 1/ (\$1,000)	Taxable income (\$1,000)	Tax liability (\$1,000)
1980	20,547	124,382	68,021	4,604
1981	19,220	125,460	63,493	4,209
1982	18,734	117,704	59,774	4,206
1983	18,269	141,569	76,856	5,397
1984	18,253	146,749	76,531	5,253
1985	19,761	152,493	83,007	5,958
1986	19,750	158,694	85,946	6,023
1987	24,019	248,057	153,184	10,587
1988	27,942	359,460	246,336	17,677
1989	28,335	348,697	235,916	15,939
1990	34,842	620,995	465,934	33,863
1991	37,192	487,673	330,025	22,703
1992	38,309	414,858	244,432	24,294
1993	37,657	472,539	323,031	22,373
1994	38,986	514,754	362,145	26,152
1995	34,651	420,322	293,600	20,302
1996	32,407	408,173	287,062	20,695
1997	48,183	526,607	(2/)	49,166
1998	48,815	494,790	(2/)	53,546
1999	49,545	564,958	685,077	44,132
2000	52,742	1,041,679	1,109,114	61,339
2001	52,429	744,438	789,217	49,897
2002	55,189	747,868	854,137	51,918
2003	58,416	977,389	1,077,268	67,263
2004	61,860	1,375,671	1,429,947	92,175
2005	67,586	2,033,074	2,013,637	134,034
2012	77,650	907,688	1,576,147	105,730
2013	83,707	1,075,191	1,690,886	112,450
2014	85,182	937,171	1,757,436	116,197
2015	92,301	1,261,341	2,024,110	137,201
2016	94,592	1,366,405	2,279,047	148,319

1/ Beginning in 1998, includes returns with negative AGI. Prior to 1998, the category was footnoted as 'exclusive of losses' to indicate returns with negative AGI were excluded.

2/ Hawaii Taxable Income not on N-15 Return.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual)
<http://tax.hawaii.gov/stats/a5_1annual/a5_5ind_inc/> accessed April 2, 2019.

Table 9.31-- SELECTED DATA ON RESIDENT TAX RETURNS WITH AT LEAST ONE AGE EXEMPTION: TAX YEAR 2014 TO 2016

[In millions of dollars unless otherwise indicated. Elderly taxpayers, 65 years of age or older, may claim an extra exemption. There was no *Hawaii Income Patterns: Individuals* report for 2006 to 2011 and the resumed series does not include all the detailed data in the 2005 and earlier reports]

Item	Total	Taxable returns	Nontaxable returns
2014			
Number of tax returns	133,783	68,460	65,323
Hawaii adjusted gross income (AGI)	4,669	5,198	-529
Standard deductions	160	67	93
Itemized deductions	1,390	800	590
Taxable income	4,102	4,102	(X)
Tax liability before credits	294	294	(X)
Tax liability after credits	1/ 248	256	-8
Number of taxpayers over 65	129,328	64,843	64,485
Number of taxpayers' spouses over 65	48,548	25,753	22,795
2015			
Number of tax returns	138,354	71,561	66,793
Total age exemptions	184,026	94,893	89,133
Total age exemptions cost	203	102	102
Hawaii adjusted gross income (AGI)	5,446	5,718	-272
Standard deductions	148	67	81
Itemized deductions	1,515	882	632
Taxable income	4,528	4,528	(X)
Tax liability before credits	329	329	(X)
Tax liability after credits	282	290	-8
Number of taxpayers over 65	133,668	67,743	65,925
Number of taxpayers' spouses over 65	50,358	27,150	23,208
2016			
Number of tax returns	142,821	74,064	68,757
Total age exemptions	190,032	98,210	91,822
Total age exemptions cost	210	105	105
Hawaii adjusted gross income (AGI)	5,930	6,029	-98
Standard deductions	156	69	87
Itemized deductions	1,785	976	808
Taxable income	4,722	4,722	(X)
Tax liability before credits	324	324	(X)
Tax liability after credits	282	290	-8
Number of taxpayers over 65	137,829	70,007	67,822
Number of taxpayers' spouses over 65	52,203	28,203	24,000

X Not applicable.

1/ Unpublished Hawaii State Department of Taxation correction.

Source: Hawaii State Department of Taxation, *Hawaii Individual Income Tax Statistics Tax Year* (annual) table 7 <http://tax.hawaii.gov/stats/a5_1annual/a5_5ind_inc/> accessed April 2, 2019 and records; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.32-- SOURCES OF INCOME REPORTED BY NONRESIDENT TAXPAYERS: TAX YEARS 1999 TO 2005, 2015 AND 2016

[In thousands of dollars. There were no *Hawaii Income Patterns: Individuals* reports for 2006 to 2011 and the detailed data in the 2005 and earlier reports were not available in the 2012 to 2014 reports to update this table]

Year	Total	Salaries and wages	Interest	Ordinary dividends	Capital assets/ other property	Rents, royalties, partnerships, S corp., estates & trusts	All other sources
1999	585,507	465,300	22,253	6,484	180,086	65,494	-154,110
2000	1,068,694	537,628	26,650	10,642	303,511	229,352	-39,089
2001	768,756	560,450	20,456	6,727	231,958	41,672	-92,507
2002	776,935	574,547	23,657	5,846	224,685	60,020	-111,820
2003	1,009,463	609,472	26,659	7,310	381,082	80,640	-95,700
2004	1,407,217	651,388	37,757	8,774	712,124	81,568	-84,394
2005	2,071,899	744,285	39,257	10,301	1,101,584	104,315	72,157

Source of income	2015	2016	Percent change 2015 to 2016
Total	1,376,175	1,422,672	3.4
Salaries and wages	1,157,507	1,143,157	-1.2
Ordinary dividends	21,937	26,698	21.7
Interests	23,754	22,231	-6.4
Business income	43,049	44,001	2.2
Rents, partnerships, and estates	197,383	222,494	12.7
Unemployment compensation	7,119	6,366	-10.6
Pensions and annuities	14,520	15,367	5.8
Capital gain, supplemental gain, and other	-116,161	-81,855	29.5
All other sources	27,067	24,213	-10.5

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual) and http://tax.hawaii.gov/stats/a5_1annual/a5_5ind_inc/ accessed April 2, 2019.

Table 9.33-- STATE INCOME TAX RESIDENT RETURNS ON INCOME RECEIVED DURING 2016, BY ADJUSTED GROSS INCOME CLASS

Adjusted gross income class	Number of returns	Adjusted gross income 1/ (\$1,000)	Taxable income (\$1,000)	Tax liability (\$1,000)
All resident returns	630,021	35,483,582	29,119,858	1,955,048
Taxable resident returns	524,099	35,757,238	29,119,858	1,955,048
Under \$5,000	14,458	52,040	16,104	240
\$5,000 under \$10,000	34,941	264,573	133,767	3,179
\$10,000 under \$20,000	71,575	1,072,885	695,822	27,244
\$20,000 under \$30,000	70,587	1,762,017	1,309,679	64,796
\$30,000 under \$40,000	63,783	2,223,517	1,731,913	95,974
\$40,000 under \$50,000	51,200	2,292,948	1,812,732	107,215
\$50,000 under \$75,000	79,456	4,864,493	3,845,122	240,294
\$75,000 under \$100,000	49,157	4,262,031	3,370,679	221,157
\$100,000 under \$150,000	50,281	6,078,947	4,875,809	335,197
\$150,000 under \$200,000	19,336	3,309,822	2,697,922	194,632
\$200,000 under \$300,000	11,048	2,623,510	2,325,063	175,052
\$300,000 and over	8,277	6,950,455	6,305,248	490,068
Nontaxable resident returns	105,922	-273,656	(X)	(X)
Loss	13,407	-716,803	(X)	(X)
Under \$5,000	68,719	76,562	(X)	(X)
\$5,000, under \$10,000	11,358	80,858	(X)	(X)
\$10,000 and over	12,438	285,728	(X)	(X)

X Not applicable.

1/ Includes returns with negative adjusted gross income.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals, Tax Year 2016* (December 2018), table A-1 <http://tax.hawaii.gov/stats/a5_1annual/a5_5ind_inc/> accessed April 2, 2019.

Table 9.34-- MEDIAN ADJUSTED GROSS INCOME OF RESIDENT STATE INCOME TAX RETURNS, BY TYPE OF RETURN, 1982 TO 2005, AND BY COUNTY, 2005

[In dollars. There were no *Hawaii Income Patterns: Individuals* reports for 2006 to 2011 and the detailed data in the 2005 and earlier reports were not available in the 2012 to 2015 reports to update this table]

Year income was received	Taxable and nontaxable returns 1/			Taxable returns only		
	All returns	Joint	Other 2/	All returns	Joint	Other 2/
1982	11,178	23,737	6,080	15,466	27,285	9,636
1983	11,297	25,047	6,432	15,937	29,076	10,009
1984	12,035	25,290	6,858	16,565	28,935	10,540
1985	12,488	25,838	7,087	17,124	29,870	10,710
1986	12,941	26,576	7,768	17,747	31,755	11,557
1987	13,252	29,036	7,709	17,977	34,063	11,131
1988	14,749	31,787	8,910	18,956	36,706	12,452
1989	15,614	34,581	9,382	20,502	39,305	13,748
1990	16,297	35,355	10,351	21,250	40,924	14,286
1991	17,737	37,709	11,607	22,502	43,322	15,321
1992	18,042	38,707	11,909	23,462	45,138	16,389
1993	18,504	39,838	11,913	24,196	46,222	17,296
1994	18,827	39,782	12,070	25,265	46,778	17,922
1995	19,602	39,147	13,401	25,277	46,714	18,439
1996	19,834	39,079	13,217	25,393	47,505	18,294
1997	20,866	41,750	13,671	26,475	48,865	18,475
1998	21,065	42,534	13,944	26,838	50,147	18,615
1999	21,662	44,656	14,596	27,445	52,085	18,969
2000	22,157	46,636	14,764	27,948	54,353	19,352
2001	22,626	46,012	15,649	28,159	53,899	19,809
2002	22,757	46,853	15,707	28,881	55,554	20,219
2003	23,533	47,966	16,483	29,920	58,011	21,140
2004	24,704	51,351	17,116	31,064	60,776	21,719
2005	25,826	53,304	17,829	32,371	63,439	22,949
COUNTY: 2005						
Oahu	25,992	54,562	17,635	32,838	64,936	22,926
Maui	27,435	54,962	20,149	32,730	62,932	24,066
Hawaii	23,770	47,115	16,750	29,977	58,318	22,109
Kauai	24,675	49,913	17,729	31,947	59,233	21,841

1/ Includes returns with adjusted gross income losses.

2/ Includes single, married filing separately, heads of households, and qualifying surviving spouses.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual) and <http://hawaii.gov/tax/a5_5ind_inc.htm> accessed March 13, 2008.

Table 9.35-- TAX CREDITS CLAIMED, BY TYPE OF CREDIT AND BY TYPE OF TAXPAYER: 2016

[In thousands of dollars]

Type of credit	Total	Individuals	Corporations	Financial corporations	Insurance underwriters	Fiduciaries	Exempt organizations
Total	289,112	149,571	95,163	23,834	17,298	3,068	179
Active tax credits							
Promote social welfare							
Refundable food/excise	30,773	30,773	(X)	(X)	(X)	(X)	(X)
Low-income household renters	2,726	2,726	(X)	(X)	(X)	(X)	(X)
Child and dependent care expenses	10,053	10,053	(X)	(X)	(X)	(X)	(X)
Child passenger restraint systems	70	70	(X)	(X)	(X)	(X)	(X)
Employment of vocational rehabilitation referrals	14	(D)	(D)	-	-	-	-
Low-income housing	23,541	285	(D)	(D)	8,356	-	-
School repair & maintenance	-	-	-	-	-	-	-
Lifeline telephone service	48	(X)	(X)	(X)	(X)	(X)	(X)
Encourage certain industries or econ. activities							
Fuel credit for commercial fishers	373	308	65	-	-	-	-
Motion picture, digital media & film production	31,902	919	30,983	-	-	-	-
Renewable energy technologies 1/	85,799	46,381	32,364	6,183	-	761	111
Enterprise zone	748	660	(D)	-	-	(D)	-
Ethanol facility	-	-	-	-	-	-	-
Important agricultural lands qualified agricultural cost	1,375	(D)	(D)	-	-	-	-
Research activities	3,102	588	(D)	-	-	(D)	-
Capital infrastructure	1,431	1,431	-	-	-	-	-
Cesspool upgrade, conversion or connection	19	19	-	-	-	-	-
Avoid double taxation or pyramiding of taxes							
Capital goods excise	34,715	7,543	23,592	3,168	-	345	68
Income tax paid to another state or foreign country	43,428	41,621	(X)	(X)	(X)	1,806	(X)
Expired tax credits							
Promote social welfare							
Individual development account contribution	(D)	(D)	-	-	-	-	-
Encourage certain industries or econ. activities							
High technology business investment	16,331	5,510	1,758	-	8,942	121	-
Energy conservation	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Hotel construction & remodeling	1,213	(D)	(D)	-	-	-	-
Technology infrastructure renovation	(D)	(D)	-	-	-	-	-
Residential construction & remodeling	1,490	(D)	(D)	-	-	-	-

D Data in the cell were suppressed to prevent potential disclosure of confidential taxpayer information but are included in the total.

X Not applicable.

1/ Data for the energy conservation tax credit are included in the renewable energy tax credit.

Source: Hawaii State Department of Taxation, *Tax Credits Claimed by Hawaii Taxpayers: 2016* (December 2018), pp. 8, 27 and 33

<<http://files.hawaii.gov/tax/stats/stats/credits/2016credit.pdf>> accessed April 2, 2019.

**Table 9.36-- GENERAL EXCISE AND USE TAX BASE AND COLLECTIONS:
2017 AND 2018**

[In thousands of dollars. Data are on a cash basis accounting and may be distorted on a monthly basis, primarily due to cutoffs and out-of-period adjustments]

Source of revenue	Tax base		Tax collections	
	2017	2018	2017	2018
All sources	100,048,177	111,630,450	3,349,822	3,426,525
Sources taxed at 4 percent	74,878,617	83,148,813	2,995,145	3,325,953
Retailing	32,727,278	36,356,218	1,309,091	1,454,249
Services	15,097,644	16,663,348	603,906	666,534
Contracting	8,384,358	9,455,622	335,374	378,225
Theater, amusement, radio, etc.	460,606	506,574	18,424	20,263
Interest & all others	3,444,984	3,551,783	137,799	142,071
Commissions	1,331,517	1,389,772	53,261	55,591
Hotel rentals	5,186,494	5,644,187	207,460	225,767
All other rentals	7,276,281	8,458,997	291,051	338,360
Use	969,456	1,122,311	38,778	44,892
Sources taxed at other rates 1/	25,169,559	28,481,637	123,987	139,828
Insurance solicitors	531,747	737,336	798	1,106
Producing	346,653	317,715	1,733	1,589
Manufacturing	733,105	607,793	3,666	3,039
Wholesaling	15,729,763	18,125,575	78,649	90,628
Services (intermediary)	949,174	865,518	4,746	4,328
Use	6,879,118	7,827,699	34,396	39,138
Unallocated net collections	(2/)	(2/)	230,691	-39,255

1/ Insurance solicitors at 0.15 percent; others at 0.5 percent.

2/ This report reflects the tax bases for only allocated collections. The base for the unallocated net collections cannot be determined due to differing tax rates which may be applicable.

Source: Hawaii State Department of Taxation, "General Excise And Use Tax Collections - Calendar Year Summary December 31, 2018" (Monthly 03-20-19) <http://tax.hawaii.gov/stats/a5_3txcolrptarchive/> accessed April 29, 2019.

Table 9.37-- TOBACCO TAX COLLECTIONS: 1994 TO 2018

[In dollars. Definitions and rates are as specified in Hawaii Revised Statutes Chapter 245 and §245-3 Taxes and as amended and "Outline of the Hawaii Tax System as of July 1, 2018" issued by the Department of Taxation <<http://files.hawaii.gov/tax/news/pubs/18outline.pdf>>]

Year	Cigarettes	Tax rate per cigarette	Other tobacco products 1/
1994	33,424,978	\$0.03 as of July 1, 1993	2,802,993
1995	34,683,672	\$0.03 as of July 1, 1993	2,765,172
1996	35,836,158	\$0.03 as of July 1, 1993	1,805,131
1997	32,878,288	\$0.04 as of Sept. 30, 1997	2,677,839
1998	35,694,448	\$0.05 as of July 1, 1998	3,804,475
1999	39,697,383	\$0.05 as of July 1, 1998	1,996,928
2000	40,777,139	\$0.05 as of July 1, 1998	2,941,355
2001	61,282,238	\$0.05 as of July 1, 1998	3,226,138
2002	64,892,154	\$0.06 as of Sept. 30, 2002	1,863,028
2003	75,760,904	\$0.065 as of June 30, 2003	1,715,058
2004	81,615,862	\$0.07 as of June 30, 2004	1,768,561
2005	83,630,255	\$0.07 as of June 30, 2004	2,328,665
2006	85,006,267	\$0.08 as of Sept. 30, 2006	5,403,122
2007	97,087,696	\$0.09 as of Sept. 30, 2007	2,972,626
2008	102,480,449	\$0.10 as of Sept. 30, 2008	3,470,170
2009	112,715,186	\$0.13 as of July 1, 2009	2,611,359
2010	128,909,763	\$0.15 as of July 1, 2010	6,171,466
2011	134,678,544	\$0.16 as of July 1, 2011	8,200,288
2012	126,334,359	\$0.16 as of July 1, 2011	7,560,663
2013	114,677,229	\$0.16 as of July 1, 2011	7,684,824
2014	119,603,479	\$0.16 as of July 1, 2011	7,729,105
2015	117,526,565	\$0.16 as of July 1, 2011	8,557,398
2016	114,328,717	\$0.16 as of July 1, 2011	8,760,847
2017	113,751,773	\$0.16 as of July 1, 2011	9,495,673
2018	107,379,133	\$0.16 as of July 1, 2011	10,173,533

1/ Other [than cigarettes] tobacco products are now taxed at 70 percent and large cigars at 50 percent of the wholesale value. The tax rate on 'little cigars' changed on October 1, 2009 to \$0.11; on July 1, 2010 to equal the \$0.15 on cigarettes; and on July 1, 2011 to equal the \$0.16 on cigarettes.

Source: Hawaii State Department of Taxation, "Tobacco Tax Collections and Licenses" (annual calendar year summary) <http://tax.hawaii.gov/stats/a5_3txcolrptarchive/> accessed May 21, 2019.

Table 9.38-- LIQUOR TAX COLLECTIONS: 1990 TO 2018

[In thousands of dollars. Includes penalties and interest and permit fees. Definitions and rates are as specified in Hawaii Revised Statutes Chapter 244D, and as amended and "Outline of the Hawaii Tax System as of July 1, 2018" issued by the Department of Taxation <<http://files.hawaii.gov/tax/news/pubs/18outline.pdf>>]

Year	Total	Year	Total	Year	Total
1990	42,094	2000	39,887	2010	44,961
1991	40,125	2001	39,379	2011	48,433
1992	40,983	2002	38,497	2012	48,612
1993	38,286	2003	42,149	2013	49,197
1994	38,753	2004	43,426	2014	49,451
1995	37,486	2005	43,594	2015	50,509
1996	38,624	2006	47,001	2016	51,245
1997	38,624	2007	44,705	2017	51,107
1998 1/	38,361	2008	47,568	2018	51,798
1999	37,139	2009	45,332		

1/ Beginning July 1, 1998, tax rates per wine gallon are \$5.98 on distilled spirits, \$2.12 on sparkling wine, \$1.38 on still wine, \$0.85 on cooler beverages, \$0.93 on beer other than draft beer, and \$0.54 on draft beer.

Source: Hawaii State Department of Taxation, "Liquor Tax Collections and Permits" (annual calendar year summary) and, beginning with the 1997, <http://tax.hawaii.gov/stats/a5_3txcolrptarchive/> accessed May 21, 2019.

Table 9.39-- STATE AND LOCAL SALES AND USE TAX REVENUE LOSSES FROM E-COMMERCE FOR HAWAII AND THE UNITED STATES: 2007 TO 2012

[In millions of dollars unless otherwise specified. Estimates of losses due to jurisdiction's inability to collect taxes on sales via the Internet. See source for discussion of assumptions]

Category	Baseline			Optimistic 1/		
	Due	Collections	Losses	Due	Collections	Losses
2007						
Total state and local						
Hawaii	149.5	111.4	38.2	149.5	111.4	38.2
U.S. (incl. Dist. of Col.)	29,176.8	21,931.2	7,245.6	29,176.8	21,931.2	7,245.6
2008						
Total state and local						
Hawaii	159.4	118.7	40.7	159.8	119.0	40.8
U.S. (incl. Dist. of Col.)	31,112.6	23,386.3	7,726.3	31,190.6	23,444.9	7,745.7
2009						
Total state and local						
Hawaii	143.4	106.8	36.6	154.8	115.3	39.5
U.S. (incl. Dist. of Col.)	27,992.3	21,040.8	6,951.4	30,212.3	22,709.6	7,502.7
2010						
Total state and local						
Hawaii	177.9	132.5	45.4	204.7	152.4	52.2
U.S. (incl. Dist. of Col.)	34,713.2	26,092.7	8,620.4	39,945.1	30,025.4	9,919.7
2011						
Total state and local						
Hawaii	209.2	155.8	53.4	233.6	174.0	59.6
U.S. (incl. Dist. of Col.)	40,815.2	30,679.5	10,135.8	45,596.1	34,273.1	11,323.1
2012						
Total state and local						
Hawaii	235.1	175.1	60.0	261.0	194.4	66.6
U.S. (incl. Dist. of Col.)	45,876.6	34,483.9	11,392.7	50,937.9	38,288.3	12,649.6

1/ Forecasts a higher growth rate of the economy and of resulting internet sales.

Source: Donald Bruce, William F. Fox, William B. Stokely and LeAnn Luna, "State and Local Government Sales Tax Revenue Losses from Electronic Commerce" (April 13, 2009) Center for Business and Economic Research, College of Business Administration, University of Tennessee
 <<http://cber.bus.utk.edu/ecomm/ecom0409.pdf>> accessed September 1, 2011; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 9.40-- REAL PROPERTY TAX VALUATIONS: 1986 TO 2019

[In thousands of dollars. For fiscal year ending June 30. Government parcels assessed at \$1, 1985-1987, and at 100 percent thereafter]

Year	Assessor's gross valuation 1/			Valuation for tax rate purposes
	Total	Land	Improvement	
1986	51,231,020	25,507,708	25,723,312	43,581,421
1987	52,814,463	26,442,872	26,371,591	45,222,885
1988	54,655,038	27,396,477	27,258,561	46,629,959
1989	67,628,063	36,730,370	30,897,693	50,219,249
1990	76,926,745	42,778,927	34,147,818	57,526,564
1991	99,942,540	61,554,968	38,387,572	71,080,524
1992	132,952,299	88,359,248	44,593,051	95,943,417
1993	130,733,131	84,299,686	46,433,445	111,593,106
1994	136,239,310	87,785,946	48,453,364	115,954,097
1995	137,202,083	86,552,575	50,649,508	116,389,670
1996	136,153,769	84,102,966	52,050,803	115,115,001
1997	135,073,354	82,035,301	53,038,053	114,303,125
1998	131,536,224	78,049,699	53,486,525	110,955,447
1999	125,412,154	72,253,741	53,158,413	105,184,585
2000	120,687,029	67,673,347	53,013,682	100,906,373
2001	118,929,005	65,241,123	53,687,882	98,984,387
2002	123,394,937	66,563,433	56,831,504	103,313,817
2003	131,562,028	69,116,128	62,445,900	110,384,134
2004	141,029,581	73,014,576	68,015,005	119,254,215
2005	162,787,538	(2/)	(2/)	138,383,238
2006	199,525,855	(2/)	(2/)	171,105,210
2007	254,954,333	(2/)	(2/)	220,731,778
2008	292,830,383	(2/)	(2/)	253,358,852
2009	297,908,333	(2/)	(2/)	257,714,285
2010	298,084,580	(2/)	(2/)	255,749,570
2011	274,149,769	(2/)	(2/)	232,482,952
2012	267,181,978	(2/)	(2/)	226,552,118
2013	265,105,539	(2/)	(2/)	226,611,749
2014	270,900,638	(2/)	(2/)	231,756,610
2015	293,088,510	(2/)	(2/)	251,793,531
2016	314,906,372	(2/)	(2/)	272,081,895
2017	335,175,378	(2/)	(2/)	290,790,922
2018	352,857,297	(2/)	(2/)	306,934,602
2018	375,492,094	(2/)	(2/)	327,431,256

1/ Beginning in 1992, values shown for gross valuation exclude nontaxable properties.

2/ As of the 2004-2005, Statewide detail no longer available separately as the City and County of Honolulu consolidated 'Land' and 'Improvement' into the single category 'Property'.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates, & Exemptions by Year, "Statewide Real Property Tax Valuation for Fiscal Year 2018-2019" <<https://www.realpropertyhonolulu.com/rpa-report/>> accessed January 19, 2019; and earlier reports; and reports as the Department of Finance.

**Table 9.41-- REAL PROPERTY TAX VALUATION FOR THE STATE,
2016 TO 2019, AND BY COUNTY, 2019**

[In thousands of dollars, unless otherwise noted. For fiscal year ending June 30. Gross valuations exclude nontaxable (government) properties]

Subject	2016	2017	2018	2019
Assessor's gross valuation 1/ 2/	314,906,372	335,175,378	352,857,297	375,492,094
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Exemptions 1/	41,157,593	42,524,978	44,360,747	46,162,974
Assessor's net taxable valuation	273,748,781	292,650,400	308,496,548	329,329,120
Half of valuation on appeal	1,666,887	1,859,478	1,561,946	1,897,864
Number of appeals	3,991	4,569	3,398	2,508
Valuation for tax rate purposes	272,081,895	290,790,922	306,934,602	327,431,256
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Amount to be raised by taxation	1,615,518	1,737,349	1,888,035	2,029,839
2019, by county	Honolulu	Maui	Hawaii	Kauai
Assessor's gross valuation 1/ 2/	257,987,135	55,854,383	38,499,855	23,150,721
Land	(3/)	22,905,524	14,978,257	(4/)
Improvement	(3/)	32,948,859	23,521,598	(4/)
Exemptions 1/	30,070,244	6,542,703	6,403,005	3,147,021
Assessor's net taxable valuation	227,916,890	49,311,679	32,096,850	20,003,700
Half of valuation on appeal	1,274,905	463,088	70,853	89,018
Number of appeals	1,413	765	203	127
Valuation for tax rate purposes	226,641,985	48,848,592	32,025,997	19,914,682
Land	(3/)	21,547,267	14,038,292	(4/)
Improvement	(3/)	27,301,325	17,987,705	(4/)
Amount to be raised by taxation	1,265,017	318,911	310,239	135,672

1/ Beginning in 1993, data exclude nontaxable properties.

2/ Assessed value for 2016 as of January 29, 2015 for Honolulu; February 13, 2015 for Kauai; April 19, 2015, for Maui; and April 21, 2015 for Hawaii County. Assessed value for 2017 as of January 28, 2016 for Honolulu; February 18, 2016 for Kauai; April 19, 2016, for Maui; and April 21, 2015 for Hawaii County. Assessed value for 2018 as of January 27, 2017 for Honolulu; February 22, 2017 for Kauai; April 19, 2017 for Hawaii; and May 16, 2017 for Maui County. Assessed value for 2019 as of January 27, 2018 for Honolulu; February 22, 2018 for Kauai; April 14, 2018 for Hawaii; and May 16, 2018 for Maui County.

3/ As of the 2004 - 2005 report, Statewide detail no longer available separately as the City and County of Honolulu consolidated 'Land' and 'Improvement' into the single category 'Property'.

4/ Single rate for each class.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates, & Exemptions by Year, "Statewide Real Property Tax Valuation for Fiscal Year 2018-2019" and individual county valuations

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed January 19, 2019; and earlier reports, and reports as the Department of Finance.

Table 9.42-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE: 2018 AND 2019

[For fiscal year ending June 30]

Type of exemption	2018		2019	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
All exemptions, Statewide	275,380	81,374,164	269,659	85,488,803
Federal government	651	8,338,540	652	9,223,181
State government	8,258	18,720,102	8,259	20,134,610
County government	3,998	7,206,843	4,013	7,784,907
Government leases - total	136	103,407	124	156,250
Government leases - portion	134	156,265	133	65,963
Hawaiian Homes Commission	1,861	1,235,282	1,828	1,258,217
Hawaiian Homes Land - basic	1,950	374,442	1,359	252,152
Hawaiian Homes Land - multiple	125	21,020	767	165,138
Hawaiian Homes Land - total land	6,406	2,410,675	6,467	2,553,317
Hawaiian Homes Land - vacant land	243	25	299	31
Hawaiian Homes - 7 year	300	128,386	219	102,881
Homes - fee (basic)	182,230	21,365,518	163,698	18,219,132
Homes - fee (multiple)	3,449	382,906	55,055	7,737,242
Homes - leasehold (basic)	41,821	4,645,684	3,441	384,925
Homes - leasehold (multiple)	1,175	183,566	1,060	167,583
In lieu of home ex - fee	888	160,902	435	81,100
In lieu of home ex - lease	55	10,117	24	4,480
Income exemption 2/	1,343	155,029	1,347	155,992
Blind	338	9,916	316	9,204
Deaf	134	3,999	2,191	85,241
Hansen's (formerly Leprosy)	3	75	3	75
Totally disabled	4,685	160,491	2,586	72,348
Totally disabled veterans	2,319	1,345,313	2,467	1,499,000
Cemeteries	110	61,994	110	62,519
Charitable organizations	1,558	3,018,423	1,619	3,424,117
Childcare	20	1,000	19	950
Child care center, non-profit	6	40,029	6	43,318
Child care center, for-profit	10	18,766	9	24,161
Churches	1,570	2,841,794	1,562	3,025,811
Civil - condemnation	24	31,051	25	35,459
Credit unions	120	238,723	122	275,940
Crop shelters	29	3,579	29	2,267
Enterprize Zone	3	1,067	1	132
Foreign consulates	31	45,825	31	46,739

Continued on next page.

**Table 9.42-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE:
2018 AND 2019 -- Con.**

Type of exemption	2018		2019	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
Forest reserve	5	6,578	5	6,577
Historic residential properties	361	609,231	380	671,827
Historic commercial properties	8	23,456	11	29,795
Kuleana	143	86,233	144	89,782
Hospitals	136	1,006,414	138	1,157,124
Landscaping, open-space	24	18,955	25	21,401
Low-moderate income housing	343	2,822,770	276	2,898,613
Public utilities	788	1,472,728	785	1,553,724
Roadways and waterways	7,199	45,094	7,241	47,730
Safe room	61	2,440	63	2,520
Schools	234	1,456,197	231	1,546,253
Setbacks	1	456	1	511
Slaughterhouse	1	2,608	1	2,473
Taro	53	92	42	72
Tree farm	17	32,270	17	32,554
Miscellaneous	10	7,639	10	6,231
Alternate energy	8	348,740	8	348,641
Commercial alternative energy	4	10,484	5	18,595
Commercial alter. energy - in lieu	1	1,025	-	-
Mult. bldg. pcl. income exemption	-	-	-	-

1/ Includes government parcels at actual value and exemptions on federal leases, if any.

2/ In 2018, was called "Additional home exemption".

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates & Exemptions by Tax Year "State of Hawaii - Number & Amount of Exemptions by Type & County" (annual)

<<https://www.realpropertyhonolulu.com/rpa-report/>> accessed January 19, 2019.

Table 9.43-- REAL PROPERTY TAX VALUATION, BY LAND USE CLASS: 2019

[In thousands of dollars. For fiscal year ending June 30. Assessed value for 2019 as of January 27, 2018 for Honolulu; February 22, 2018 for Kauai; April 14, 2018 for Hawaii; and May 16, 2018 for Maui County. All counties use the land use class unless footnoted otherwise]

Land use class	Gross valuation 1/	Net valuation	Valuation for tax rate	To be raised by taxation
All classes	375,492,094	329,329,120	327,431,256	2,029,839
Affordable rental 2/	255,604	254,908	254,908	1,568
Residential	206,575,787	181,751,910	181,476,464	735,179
Residential A 3/	21,264,487	20,409,412	20,335,095	129,413
Tier 1	(X)	(X)	11,911,610	53,602
Tier 2	(X)	(X)	8,423,485	75,811
Apartment 2/ 4/	11,554,898	11,296,811	11,263,687	96,511
Commercial	29,827,051	26,000,864	25,468,428	292,769
Industrial	15,408,990	14,257,761	13,972,358	159,158
Agricultural/native forest	13,418,098	12,309,330	12,166,171	92,954
Vacant agricultural 3/	46,330	46,330	46,330	394
Conservation/preservation	1,669,128	1,510,737	1,424,090	10,492
Hotel and resort	21,673,222	21,571,001	21,190,824	258,408
Homeowner 2/ 4/	28,885,748	18,793,548	18,776,744	77,676
Homestead 5/	6,725,195	4,558,352	4,557,027	13,899
Public service 3/	1,081,313	31	31	-
Commercialized residential 4/	198,097	198,097	197,032	896
Vacation rental 5/	3,056,309	3,049,664	3,045,128	29,995
Time share 4/	2,271,896	2,271,896	2,242,684	34,560
Residential investor 5/	1,525,679	1,384,519	1,371,846	11,043
Commercialized home use 5/	1,467,458	1,077,396	1,077,302	5,440
Short term rental 4/	8,586,805	8,586,555	8,565,108	79,484

1/ Excludes nontaxable properties.

2/ Hawaii County category.

3/ City and County of Honolulu category. Residential A combines Tier 1 (tax rate \$4.50) and Tier 2 (\$9.00).

4/ Maui County category.

5/ Kauai County category.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates, & Exemptions by Year, "Statewide Real Property Tax Valuation for Fiscal Year 2018-2019" and individual county valuations

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed January 19, 2019; and calculations by Department of Business, Economic Development & Tourism.

Table 9.44-- MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY AND COUNTY OF HONOLULU: 2012

[For fiscal year ending June 30]

Rank	Taxpayer	Original debit 1/ (dollars)	Land area (acres)	Gross assessed value 2/ (dollars)
	Top 20 real property taxpayers	112,299,603	52,289.12	11,665,147,300
1	Kyo-Ya Company	12,703,336	23.64	1,007,129,300
2	Bishop Estate	12,437,203	39,967.02	1,339,214,700
3	Hilton Hawaiian Village	11,076,557	20.14	908,020,100
4	Outrigger Hotels Hawaii	7,243,937	9.22	593,277,800
5	First Hawaiian Bank	5,841,875	48.02	472,437,400
6	Ko Olina Hotel	5,609,593	407.48	449,340,300
7	Irongate	5,078,491	0.00	401,600
8	United States of America	5,050,302	7,302.72	2,837,089,800
9	DEG, LLC	4,834,423	59.67	537,956,600
10	Reynolds/Shidler	4,696,132	44.68	415,607,500
11	General Growth Properties	4,685,639	37.36	385,412,400
12	Weinberg, Harry & Jeanette Foundation, Inc.	4,613,637	1,817.53	407,263,500
13	Marriott Ownership Resorts	4,324,131	33.85	348,699,500
14	Hawaii MMD, LLC	3,886,633	154.73	264,858,700
15	James Campbell Estate	3,855,500	2,124.48	354,719,500
16	Bank of Hawaii	3,519,072	111.36	302,667,300
17	Wal-Mart	3,394,548	73.18	273,681,700
18	W2007 WKH Owner, LLC	3,375,022	4.02	272,179,200
19	Watercress Associates	3,084,690	44.63	253,405,300
20	Halekulani Corp.	2,988,883	5.39	241,785,100

1/ Original debit as of July, 2011.

2/ Land and improvements. Assessed valuation as of October 1, 2010. Valuation at 100 percent of market value.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Administration & Technical Branch, records.

Table 9.45-- RESIDENTIAL PROPERTY TAX RATES IN HONOLULU AND THE MEDIAN OF 51 MAJOR CITIES: 1985 TO 2017

Year	Effective tax rate per \$100 1/			Nominal tax rate per \$100	Assessment level (percent)
	Median 2/	Honolulu	Rank 3/		
1985	(NA)	0.61	50	1.06	61.2
1986	(NA)	0.60	51	0.66	90.8
1987	(NA)	0.59	51	0.66	89.0
1988	(NA)	0.59	51	0.66	89.0
1989	(NA)	0.64	48	0.64	100.0
1990	(NA)	0.48	51	0.48	100.0
1991	(NA)	0.37	51	0.37	100.0
1992	1.49	0.30	51	0.35	84.3
1993	(4/)	(4/)	(4/)	(4/)	(4/)
1994	1.60	0.33	51	0.35	93.4
1995	1.59	0.33	51	0.35	93.4
1996	1.54	0.33	51	0.35	95.0
1997	1.42	0.39	51	0.39	100.0
1998	1.41	0.46	51	0.46	100.0
1999	1.55	0.37	51	0.37	100.0
2000	1.52	0.37	51	0.37	100.0
2001	1.50	0.37	51	0.37	100.0
2002	1.54	0.37	51	0.37	100.0
2003	1.50	0.38	51	0.38	100.0
2004	1.54	0.38	51	0.38	100.0
2005	1.50	0.38	51	0.38	100.0
2006	1.50	0.36	51	0.36	100.0
2007	1.39	0.33	51	0.33	100.0
2008	1.32	0.33	51	0.33	100.0
2009	1.40	0.34	51	0.34	100.0
2010	1.67	0.34	51	0.34	100.0
2011	1.71	0.35	51	0.35	100.0
2012	1.56	0.35	50	0.35	100.0
2013	1.40	0.35	48	0.35	100.0
2014	1.40	0.35	50	0.35	100.0
2015	1.34	0.35	50	0.35	100.0
2016	1.40	0.35	50	0.35	100.0
2017	1.40	0.35	51	0.35	100.0

NA Not available.

1/ Adjusted to 100-percent assessment level.

2/ Largest city in each state, and the District of Columbia. For the listing of cities, see source.

3/ The lower the rank, the higher the percentage of income paid in taxes. For a breakdown of taxes, see source.

4/ Both *Statistical Abstract 1994* and *1995* contained data for 1992 and none contained 1993 data.

Source: U. S. Census Bureau, *Statistical Abstract of the United States* (annual); and Government of the District of Columbia, Office of the Chief Financial Officer, *Tax Rates and Tax Burdens in the District of Columbia - A Nationwide Comparison* (annual) and <<http://cfo.dc.gov/node/215912>> accessed April 1, 2019.

Table 9.46-- REAL PROPERTY TAX RATES, BY COUNTY: 2019

[In dollars per \$1,000 net taxable value. For fiscal year ending June 30]

Class	Honolulu	Kauai
Property 1/		
Residential	3.50	6.05
Vacation rental	(X)	9.85
Commercial	12.40	8.10
Industrial	12.40	8.10
Agricultural 2/	5.70	6.75
Preservation	5.70	(X)
Conservation	(X)	6.75
Hotel and resort	12.90	10.85
Public service	0.00	(X)
Vacant agricultural	8.50	(X)
Homestead	(X)	3.05
Residential A Tier 1	4.50	(X)
Tier 2	9.00	(X)
Residential investor	(X)	8.05
Commercialized home use	(X)	5.05
Class	Maui	Hawaii
Building and land		
Residential	5.52	11.10
Apartment	6.31	11.70
Commercial	7.25	10.70
Industrial	7.45	10.70
Agricultural 2/	6.00	9.35
Conservation	6.35	11.55
Hotel and resort	9.37	11.55
Homeowner	2.85	6.15
Time share	15.41	(X)
Commercialized residential	4.55	(X)
Affordable rental housing	(X)	6.15
Short term rental	9.28	(X)

X Not applicable.

1/ As of 2005, the City and County of Honolulu consolidated the 'Land' and 'Improvement' into the single rate for 'Property' value for each class, and Kauai consolidated classes as of July 1, 2014.

2/ 'Agricultural or Native Forests' in County of Hawaii.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates, & Exemptions by Year, "Real Property Tax Rates in Hawaii Fiscal Year July 1, 2018 to June 30, 2019"

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed January 19, 2019.

Table 9.47-- FEDERAL EXPENDITURES IN HAWAII: 1983 TO 2010

[For fiscal years ending September 30. In thousands of dollars and percent]

Year	Total direct expenditures or obligations	Percent change from previous year	Year	Total direct expenditures or obligations	Percent change from previous year
1983	4,013,543	(NA)	1997	8,159,285	2.1
1984	4,140,182	3.2	1998	8,449,229	3.6
1985	4,575,478	10.5	1999	8,659,684	2.5
1986	4,646,930	1.6	2000	9,036,388	4.4
1987	4,811,882	3.5	2001	9,728,839	7.7
1988	5,064,944	5.3	2002	10,474,798	7.7
1989	5,570,896	10.0	2003	11,269,306	7.6
1990	5,633,927	1.1	2004	12,176,350	8.0
1991	6,198,142	10.0	2005	12,699,321	4.3
1992	6,636,322	7.1	2006	13,495,147	6.3
1993	7,283,475	9.8	2007	14,061,883	4.2
1994	7,643,718	4.9	2008	15,009,273	6.7
1995	7,449,512	-2.5	2009	18,985,405	26.5
1996	7,990,275	7.3	2010	20,855,223	9.8

NA Not available.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual); Ibid. On-Line Query System (1993-2010) <<http://www.census.gov/govs/cffr/index.html>> accessed July 13, 2011; and Ibid. Governments Division unpublished tabulation (January 11, 2005).

Table 9.48-- FEDERAL EXPENDITURES IN HAWAII, BY TYPE: 1983 TO 2010

[In millions of dollars. For fiscal year ending September 30]

Year	Total direct expenditures or obligations	Retirement & disability payments for individuals	Other direct payments for individuals	Direct payments for other than individuals	Grants - block, formula, project, & cooperative agreements	Procurement contracts	Salaries & wages
1983	4,013.5	961.2	291.8	14.9	475.1	534.5	1,735.9
1984	4,140.2	1,023.4	297.9	49.9	383.0	577.4	1,808.6
1985	4,575.5	1,108.1	336.1	48.4	468.0	672.4	1,942.4
1986	4,646.9	1,175.2	342.0	49.4	500.7	619.0	1,960.7
1987	4,811.9	1,260.0	357.5	55.8	540.6	525.0	2,073.1
1988	5,064.9	1,346.9	368.2	67.7	613.3	591.2	2,077.7
1989	5,570.9	1,453.3	431.1	70.1	707.3	624.3	2,284.9
1990	5,633.9	1,538.1	520.7	79.1	783.0	547.3	2,165.8
1991	6,198.1	1,660.2	589.8	83.2	786.2	760.9	2,317.9
1992	6,636.3	1,735.5	772.7	90.2	974.5	694.9	2,368.6
1993	7,283.5	1,842.6	825.3	130.9	1,357.2	742.5	2,385.0
1994	7,643.7	1,970.5	852.0	122.5	1,295.0	905.4	2,498.3
1995	7,449.5	2,043.3	1,069.2	57.4	1,192.1	777.3	2,310.2
1996	7,990.3	2,138.5	1,099.1	101.3	1,215.4	1,027.4	2,408.6
1997	8,159.3	2,261.9	1,127.6	105.8	1,256.1	1,077.3	2,330.5
1998	8,449.2	2,348.4	1,078.8	101.9	1,310.3	1,052.6	2,557.2
1999	8,659.7	2,430.5	1,077.7	122.4	1,451.7	1,141.4	2,436.1
2000	9,036.4	2,582.9	1,069.7	128.5	1,532.5	1,293.8	2,429.0
2001	9,728.8	2,798.7	1,132.5	142.1	1,663.7	1,466.9	2,525.0
2002	10,474.8	2,899.3	1,305.6	129.1	1,836.1	1,621.2	2,683.5
2003	11,269.3	3,014.1	1,344.9	157.3	1,911.0	1,978.4	2,863.7
2004	12,176.3	3,202.2	1,403.2	203.4	2,147.6	2,066.0	3,153.9
2005	12,699.3	3,318.7	1,474.1	178.1	2,167.9	2,322.3	3,238.4
2006	13,495.1	3,533.6	1,574.8	215.6	2,312.3	2,147.8	3,711.0
2007	14,061.9	3,752.4	1,590.7	321.5	2,452.4	2,327.7	3,617.3
2008	15,009.3	3,872.8	1,903.1	361.7	2,282.9	2,455.9	4,132.8
2009	18,985.4	4,221.6	2,341.5	275.1	3,261.1	2,729.8	6,156.3
2010	20,855.2	4,368.4	2,462.8	356.1	3,025.6	2,744.8	7,897.6

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual); Ibid. On-Line Query System (1993-2010) <<http://www.census.gov/govs/cffr/index.html>> accessed September 27, 2011; and Ibid. Governments Division unpublished tabulation (January 11, 2005).

Table 9.49- PER CAPITA DIRECT FEDERAL EXPENDITURE IN HAWAII AND THE UNITED STATES, BY TYPE: 2008 TO 2010

[For fiscal year ending September 30. Direct expenditures exclude federal assistance such as loans and insurance]

Category	Hawaii (dollars)	United States (dollars)	Hawaii as percent of U.S.	Hawaii rank 1/
Total 2008 2/	11,651.37	9,041.50	128.87	6
Retirement and disability	3,006.35	2,667.33	112.71	16
Other direct payments	1,758.16	2,062.78	85.23	34
Grants	1,772.16	1,868.49	94.84	23
Procurement	1,906.50	1,619.90	117.69	11
Salaries and wages	3,208.20	823.01	389.81	2
Department of Defense	4,740.92	1,574.13	301.18	3
All other Federal agencies	6,910.45	7,467.38	92.54	35
Total 2009 2/ 3/	14,658.53	10,426.50	140.59	(4/)
Retirement and disability	3,259.44	2,869.99	113.57	(4/)
Other direct payments	2,020.29	2,573.03	78.52	(4/)
Grants	2,517.91	2,314.74	108.78	(4/)
Procurement	2,107.63	1,693.48	124.46	(4/)
Salaries and wages	4,753.25	975.27	487.38	(4/)
Department of Defense	6,423.57	(4/)	(4/)	(4/)
All other Federal agencies	8,234.96	(4/)	(4/)	(4/)
Total 2010 2/	15,331.33	10,459.69	146.58	5
Retirement and disability	3,211.37	2,935.25	109.41	21
Other direct payments	2,072.20	2,633.32	78.69	38
Grants	2,224.18	2,187.11	101.69	23
Procurement	2,017.80	1,604.73	125.74	10
Salaries and wages	5,805.78	1,099.28	528.14	1
Department of Defense	7,353.81	1,772.90	414.79	1
All other Federal agencies	7,977.52	8,686.78	91.84	35

1/ A rank of 1 indicates the highest per capita direct federal expenditure. Rank is among the 50 states. When the District of Columbia is included, Hawaii ranking drops one place in every category.

2/ Resident population is as of July 1 for 2008 and 2009. Hawaii at 1,288,198 and 1,295,178 and the United States at 304,059,724 and 307,006,550 respectively. Population as of April 1, 2010 for Hawaii at 1,360,301 and the U.S. at 308,745,538. Hawaii had 0.4 percent of the U. S. resident population 2008-2010.

3/ Revised in *Data Book 2011* to reflect September 27, 2011 revisions to the U.S. Department of Health and Human Services data. The revisions are not represented in the PDF version of the publication, but are available via the On-Line Query System and downloads.

4/ The Census Bureau did not revise Tables 10, 12 or 14 so revised rankings are not readily available.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual), tables 10, 12 and 14 and *Ibid.* On-Line Query System (1993-2010) <<http://www.census.gov/govs/cffr/index.html>> accessed June 15, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.50-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS,
BY COUNTY: 2010**

[In persons and thousands of dollars. For fiscal year ending September 30]

Category	State Total	City and County of Honolulu	Hawaii County	Maui County 1/	Kauai County	State undistributed
Resident population (as of July 1, 2010)	1,360,301	953,207	185,079	154,924	67,091	-
Total direct exp. or oblig.	20,855,223	17,392,945	1,258,859	772,374	523,662	907,383
Retirement/disability payments for individuals	4,368,434	3,218,457	581,408	374,912	193,579	78
Other direct payments for individuals	2,462,760	1,397,696	275,855	171,635	97,334	520,241
Direct payments other than for individuals	356,058	122,600	6,859	6,868	1,554	218,176
Grants (block, formula, project, & cooperative agreements)	3,025,551	2,409,312	242,374	129,200	77,935	166,731
Procurement contracts	2,744,816	2,568,145	47,551	22,960	106,161	-
Salaries and wages	7,897,604	7,676,736	104,812	66,800	47,099	2,157
Exhibit: Total direct expenditures or obligations	20,855,223	17,392,945	1,258,859	772,374	523,662	907,383
Defense	9,994,953	9,735,818	90,543	33,615	132,821	2,157
Non-defense	10,860,270	7,657,128	1,168,316	738,759	390,841	905,226
Addendum: Other federal assistance	13,444,838	8,484,937	1,078,552	2,619,264	1,095,133	166,952
Direct loans	200,495	121,044	27,774	44,850	3,827	3,000
Guaranteed/insured loans	1,370,455	904,052	128,339	154,021	144,775	39,268
Insurance	11,873,888	7,459,840	922,440	2,420,392	946,531	124,684

1/ Includes Kalawao County.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2010, State and County Areas* (September 2011) <<http://www.census.gov/govs/cffr/>> and On-Line Query System <<http://harvester.census.gov/cffr/>> accessed September 23, 2011.

Table 9.51-- FEDERAL SPENDING FOR HAWAII AND THE UNITED STATES, TOTAL AND PER CAPITA, BY TYPE: 2015

[For fiscal year ending September 30]

Category	Hawaii	United States	Hawaii as percent of U.S.
Total (in thousands of dollars)	20,099,041	3,390,935,577	0.6
Salaries and wages	5,928,346	310,492,000	1.9
Contracts	1,982,557	392,806,379	0.5
Grants	2,753,522	602,765,254	0.5
Nonretirement benefits	3,618,830	930,115,856	0.4
Retirement benefits	5,815,787	1,154,756,088	0.5
Federal spending relative to Gross Domestic Product (in percent)	24.9	18.9	131.7
Per capita 1/ (in dollars)	14,103.0	10,567.1	133.5
Salaries and wages	4,159.8	967.6	429.9
Contracts	1,391.1	1,224.1	113.6
Grants	1,932.1	1,878.4	102.9
Nonretirement benefits	2,539.3	2,898.5	87.6
Retirement benefits	4,080.8	3,598.5	113.4

1/ Based on July 1, 2015 population for the United States of 320,896,618 and for Hawaii 1,425,157. As released December 20, 2016 by the U.S. Census Bureau, Population Division, "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2016" (NST-EST2016-01) <<https://www2.census.gov/programs-surveys/popest/tables/2010-2016/state/totals/nst-est2016-01.xlsx>> accessed July 29, 2017.

Source: The Council of State Governments, "Federal Spending in the States, 2005 to 2015" (May 2017) <<http://knowledgecenter.csg.org/kc/content/federal-spending-states-2015>> accessed June 7, 2017; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.52-- FEDERAL AID TO STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM FOR HAWAII AND THE UNITED STATES: 2009 AND 2010

[In thousands of dollars. For fiscal year ending September 30. All amounts represent actual expenditures of the federal government during the indicated fiscal year. Components may not sum to total as some of the smaller programs, as well as some of those with United States but no Hawaii expenditures, are not shown individually. Some components summed to subtotals]

Area	Hawaii		United States	
	2009	2010	2009	2010
Total	2,560,081	2,519,624	552,108,118	630,169,769
Department of Agriculture	124,030	125,369	30,774,582	32,793,230
Agricultural Marketing Service	3,813	4,876	1,278,689	1,677,321
Farm Service Agency	228	274	10,329	10,345
Food Safety & Inspection Service	-	-	51,320	47,490
Food & Nutrition Service	102,566	97,832	26,984,219	28,606,161
Forest Service	1,987	2,689	603,363	752,160
National Resources Conservation Service	1,638	3,392	173,898	163,145
Rural development activities	1,921	3,679	540,937	758,791
Department of Commerce	6,589	6,840	524,135	622,521
National Oceanic and Atmospheric Admin.	1,322	3,157	228,986	203,663
Corporation for National and Community Service	1,102	889	197,438	226,544
Corporation for Public Broadcasting	-	-	154,828	164,629
Department of Defense	-167	-	674,036	651,494
U.S. Army National Guard - construction	-167	-	663,792	640,603
Department of Education	279,629	318,986	45,168,154	73,209,088
Office of English Language Acquisition	2,719	2,369	665,484	676,470
Office of Special Educ. Research & Improvement	2,929	3,789	442,452	674,869
Office of Special Educ. & Rehabilitative Services	84,497	60,429	12,535,554	19,748,605
Office of Vocational and Adult Education	9,732	8,536	1,545,060	1,784,669
Office of Elementary and Secondary Education	151,911	212,094	27,504,980	47,159,446
Impact aid	63,208	38,057	1,183,498	1,135,862
Programs for American Indians, Alaska				
Natives and Native Hawaiians	14,320	14,111	128,042	132,970
No Child Left Behind Act	21,475	26,288	4,794,495	5,013,719
Title 1 programs	47,982	52,596	12,452,283	18,110,464
Other	1,494	76,933	7,751,070	21,521,221
Office of Postsecondary Education	22,638	26,317	1,332,734	1,645,800
Office of Student Financial Assistance	5,203	5,452	1,141,890	1,519,229
Election Assistance Commission	-	1,075	83,915	91,414
Department of Energy	3,563	11,814	1,044,228	3,527,222
Environmental Protection Agency	27,764	49,229	3,685,307	6,914,563
Equal Employment Opportunity Commission	115	165	31,283	27,674
Department of Health and Human Services	1,355,067	1,311,727	324,765,262	348,197,405
Administration for Children and Families	261,470	276,540	51,079,406	55,815,058
Administration on Aging	8,070	9,013	1,425,912	1,488,831
Centers for Disease Control & Prevention	-	16,366	1,415,149	2,268,365
Centers for Medicare and Medicaid Services	1,015,064	932,948	256,123,741	278,041,173
Health Resources and Services Administration	49,965	56,257	6,304,790	7,315,978
Substance Abuse & Mental Health Services Admin.	20,019	20,501	3,054,665	3,117,395

Continued on next page.

Table 9.52-- FEDERAL AID TO STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM FOR HAWAII AND THE UNITED STATES: 2009 AND 2010 -- Con.

Area	Hawaii		United States	
	2009	2010	2009	2010
Department of Homeland Security	97,926	121,871	17,954,886	19,836,875
Coast Guard	478	1,220	124,227	132,603
Domestic preparedness & anti-terrorism prog.	90,708	116,357	11,645,600	14,732,653
Federal Emergency Management Agency	6,740	4,294	6,185,059	4,791,619
Department of Housing and Urban Development	210,903	238,759	47,065,091	55,271,896
Fair housing and equal opportunity	384	345	110,958	117,830
Community planning and development	28,002	34,177	8,153,253	9,453,322
Housing programs	182,517	204,237	38,800,880	45,700,744
College housing	828	-	53,132	2,749
Housing opportunities for persons with AIDS	1,356	1,576	317,122	294,269
Native American block grant	3,957	-2,870	827,042	1,044,397
Housing for special populations	10,717	6,302	979,217	960,294
Public housing programs	154,708	188,158	33,657,756	39,422,213
Home ownership assistance	10,902	10,515	1,983,007	2,927,515
Other	49	556	983,604	1,049,307
Department of the Interior	21,301	22,022	5,904,953	6,140,676
Fish and Wildlife Service	8,314	7,862	907,990	959,517
National Park Service	1,082	829	131,189	98,169
Office of Insular Affairs	11,581	13,005	432,410	458,816
Department of Justice	22,793	14,119	3,894,654	3,845,099
Office of Asset Forfeiture	1,113	724	397,931	389,249
Office of Justice Programs	21,680	13,395	3,468,360	3,441,208
Crime victims programs	2,946	2,594	575,941	597,954
Education, research and statistics programs	269	598	127,260	110,330
Juvenile justice programs	1,349	1,228	306,560	296,339
Law Enforcement Assistance	1,192	2,485	335,288	387,916
Community oriented policing prog. (COPS)	-	-	1,125	72
Violence against women and children	564	1,616	130,343	128,751
Weed and seed	271	162	36,919	28,797
Substance abuse programs	10,540	211	1,194,038	823,008
Department of Labor	48,312	47,808	9,827,625	11,361,543
Bureau of Labor Statistics	684	733	88,528	90,110
Employment and Training Admin.	43,700	45,123	9,334,312	10,943,584
Occupational Health and Safety Admin.	3,092	1,392	235,876	155,554
Veterans Employment & Training Admin.	836	560	159,564	162,276
National Foundation on Arts & Humanities	3,730	4,385	306,740	322,715
Neighborhood Reinvestment Corporation	741	1,422	277,492	229,410
Department of Transportation	354,690	239,190	57,048,476	63,882,491
Federal Aviation Administration	78,842	32,954	3,808,316	4,015,462
Federal Highway Administration	219,301	168,771	39,788,002	43,804,373
Federal Transit Administration	53,932	34,810	11,297,997	13,041,289
Department of the Treasury	438	799	575,479	516,743
Department of Veterans Affairs	1,448	3,150	824,892	978,121

Source: U.S. Bureau of the Census, *Federal Aid to States for Fiscal Year: 2009* (August 2010), table 1 <<http://www.census.gov/prod/2010pubs/fas-09.pdf>> accessed August 31, 2010; and *Ibid. 2010* (September 2010), table 1 <<http://www.census.gov/prod/2011pubs/fas-10.pdf>> accessed September 23, 2011.

Table 9.53-- FEDERAL AWARD EXPENDITURES BY HAWAII STATE GOVERNMENT: 2001 TO 2019

[For fiscal year ending June 30. In thousands of dollars]

Year	Total	Year	Total	Year	Total
2001	1,234,481	2008	2,018,873	2014	2,570,901
2002	1,353,397	2009	2,195,508	2015	2,650,112
2003	1,532,304	2010	2,732,260	2016	2,943,260
2004	1,659,913	2011	2,891,802	2017	2,922,787
2005	1,828,619	2012	2,297,802	2018	2,994,878
2006	1,859,707	2013	2,311,719	2019	2,879,695
2007	1,925,129				

Source: State of Hawaii Financial Accounting Management and Information System (FAMIS).

Table 9.54-- FEDERAL PROCUREMENT, BY AGENCY: 2007

[In thousands of dollars. For fiscal year ending September 30. Per capita calculations were based on an April 1, 2000 Census count of Hawaii resident population of 1,211,537. Rank of 1 indicates highest procurement. In FY 2007, Hawaii procurement by place of performance was \$2,296,763,633. Per capita procurement was \$1,895.74, giving Hawaii a rank of 11 in FY 2007 and a rank of 12 in FY 2006]

Area	Total	Civilian agencies		Department of Defense	
		Small disadvantaged business	Other	Small disadvantaged business	Other
Total	2,272,369	41,345	100,708	409,220	1,721,097
Honolulu City & County	2,080,721	35,430	84,206	388,792	1,572,294
Hawaii County	27,848	4,419	5,528	12,735	5,167
Kauai County	144,023	777	7,295	6,112	129,839
Maui County	18,533	31	3,124	1,580	13,798
Kalawao County	1,244	689	556	-	-
Top five agencies with place of performance in Hawaii	Amount	Top five contracting offices located in Hawaii			Amount
Department of Defense	2,131,877	NavFac Engineering Command Hawaii			272,314
General Services Admin.	45,748	XU W2SN EnDIST Honolulu			245,053
Department of the Interior	36,090	FA5215 15 CONS LGC			211,021
Dept. of Homeland Security	28,192	U.S. Army W6QL ECC RCO Hawaii			206,259
Dept. of Veterans Affairs	19,910	NavFac Engineering Command Hawaii			194,704
Type of selected product or service	Total	Small business	Other than small bus.	State, local & tribal gov't	Non-profit JWOD & other
Total	2,294,574	861,008	1,355,700	5,326	72,540
Construction	763,105	225,195	535,372	5	2,533
Research and development	99,721	43,052	19,515	1,106	36,048
Services	1,029,386	421,294	572,133	4,159	31,800
Supplies and equipment	402,362	171,467	228,680	56	2,159

Source: GCE Global Computer Enterprises, Inc., Federal Procurement Data System - NG (New Generation), *Federal Procurement Report FY 2007, Section II, Geographic Views* <http://www.fpdsg.com/fpr_reports_fy_07.html> accessed October 12, 2009.

**Table 9.55-- FEDERAL GOVERNMENT PROCUREMENT CONTRACT
PRIME AND SUBAWARDS, 2008 TO 2016 AND TOP 5 PRIME
RECIPIENTS: 2017 AND 2018**

[Fiscal year ending September 30. For discussion of the USASpending.gov mandates, data sources quality, and reporting requirements, see <<https://www.usaspending.gov/Pages/default.aspx>>]

Year	Prime awards 1/		Subawards 2/	
	Amount (\$1,000)	Number	Amount (\$1,000)	Number
2008	2,487,387	24,673	(3/)	(3/)
2009	2,660,769	18,792	(3/)	(3/)
2010	2,707,733	19,789	4,183	8
2011	3,114,130	19,103	161,681	207
2012	2,813,593	17,878	708,632	401
2013	1,904,173	15,393	592,697	658
2014	2,431,093	15,957	3,316,028	1,679
2015	1,982,566	28,739	815,485	737
2016	2,185,026	26,719	238,456	692

Year and rank	Recipient	Amount (\$ Millions)
2017		
1	Hensel Phelps Construction Co.	118.89
2	BAE Systems Hawaii Shipyards Inc.	102.87
3	Hawaiian Dredging Construction Company, Inc.	80.89
4	Manu Kai, LLC	69.47
5	Hawaii Pacific JV LLC	54.94
2018		
1	Hensel Phelps Construction Co.	152.38
2	BAE Systems Hawaii Shipyards Inc.	135.97
3	Manu Kai, LLC	60.99
4	Matson Navigation Company, Inc.	55.73
5	Allied Pacific Builders, Inc.	45.85

1/ Federal agencies are required to submit reports on their awards' transactions within 30 days after the implementation of the transaction. The exception is the Department of Defense which submits reports after 90 days to protect operations.

2/ As of October 1, 2010 (FY11), first-tier sub-recipient contract transaction data are required to be reported by the prime recipients for contract transactions of more than \$25,000.

3/ Query of USASpending for category for FY2008 and FY2009 returns "No Data Found".

Source: USASpending, "State Summary, Contracts Data: Hawaii" (annual)

<<https://www.usaspending.gov/Pages/Default.aspx>> accessed August 8, 2017 and "State Profile: Contracts"

<<https://www.usaspending.gov/Pages/Default.aspx>> accessed July 13, 2019.

Table 9.56-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF TAXES, BY STATE AND THE DISTRICT OF COLUMBIA: 1995 AND 2005

[Expenditures calculated by Tax Foundation based on federal expenditure data from the U.S. Bureau of the Census. Federal tax revenue is derived from the individual income tax, social insurance taxes (Social Security and Medicare), corporate income tax, excise taxes (on beer, wine, tobacco, gasoline and other products), and estate and gift taxes, customs duties and an adjustment for the federal deficit. Rank of 1 indicates highest expenditure per tax dollar. For fiscal year ending September 30]

Area	Expenditures per dollar of taxes			Ranking	
	1995	2005	10-year change in spending per dollar of tax	1995	2005
Alabama	1.31	1.66	0.35	8	7
Alaska	1.21	1.84	0.63	17	3
Arizona	1.13	1.19	0.06	21	21
Arkansas	1.22	1.41	0.19	16	14
California	0.94	0.78	-0.16	38	43
Colorado	0.95	0.81	-0.14	34	41
Connecticut	0.68	0.69	0.01	50	48
Delaware	0.85	0.77	-0.08	41	44
District of Columbia	5.39	5.55	0.16	(X)	(X)
Florida	1.07	0.97	-0.10	24	34
Georgia	0.96	1.01	0.05	33	32
Hawaii	1.26	1.44	0.18	15	12
Idaho	1.14	1.21	0.07	20	20
Illinois	0.74	0.75	0.01	47	45
Indiana	0.84	1.05	0.21	42	30
Iowa	1.06	1.10	0.04	26	24
Kansas	1.05	1.12	0.07	27	22
Kentucky	1.28	1.51	0.23	13	9
Louisiana	1.35	1.78	0.43	7	4
Maine	1.30	1.41	0.11	9	13
Maryland	1.27	1.30	0.03	14	18
Massachusetts	0.92	0.82	-0.10	39	40
Michigan	0.77	0.92	0.15	45	37
Minnesota	0.78	0.72	-0.06	44	46
Mississippi	1.54	2.02	0.48	3	2
Missouri	1.29	1.32	0.03	12	17
Montana	1.46	1.47	0.01	6	11
Nebraska	1.01	1.10	0.09	30	25
Nevada	0.73	0.65	-0.08	48	49
New Hampshire	0.75	0.71	-0.04	46	47
New Jersey	0.68	0.61	-0.07	49	50
New Mexico	1.85	2.03	0.18	1	1

Continued on next page.

Table 9.56-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF TAXES, BY STATE AND THE DISTRICT OF COLUMBIA: 1995 AND 2005 -- Con.

Area	Expenditures per dollar of taxes			Ranking	
	1995	2005	10-year change in spending per dollar of tax	1995	2005
New York	0.87	0.79	-0.08	40	42
North Carolina	0.95	1.08	0.13	36	27
North Dakota	1.47	1.68	0.21	5	6
Ohio	0.97	1.05	0.08	32	31
Oklahoma	1.30	1.36	0.06	11	15
Oregon	0.95	0.93	-0.02	35	36
Pennsylvania	1.05	1.07	0.02	28	28
Rhode Island	1.14	1.00	-0.14	19	33
South Carolina	1.20	1.35	0.15	18	16
South Dakota	1.30	1.53	0.23	10	8
Tennessee	1.07	1.27	0.20	25	19
Texas	0.95	0.94	-0.01	37	35
Utah	1.08	1.07	-0.01	22	29
Vermont	1.03	1.08	0.05	29	26
Virginia	1.51	1.51	0.00	4	10
Washington	0.97	0.88	-0.09	31	38
West Virginia	1.59	1.76	0.17	2	5
Wisconsin	0.80	0.86	0.06	43	39
Wyoming	1.08	1.11	0.03	23	23

X Not applicable.

Source: Tax Foundation, "Federal Taxes Paid vs. Federal Spending Received by State, 1981-2005" (October 19, 2007) <<http://www.taxfoundation.org/publications/show/22685.html>> accessed October 22, 2007.

**Table 9.57-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES: 1995 TO 2005**

[For fiscal year ending September 30]

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Alabama	1.31	1.33	1.37	1.39	1.43	1.50	1.54	1.58	1.65	1.67	1.66
Alaska	1.21	1.27	1.34	1.36	1.48	1.57	1.57	1.74	1.79	1.84	1.84
Arizona	1.13	1.11	1.08	1.10	1.16	1.17	1.14	1.20	1.22	1.23	1.19
Arkansas	1.22	1.24	1.29	1.31	1.33	1.39	1.46	1.51	1.43	1.45	1.41
California	0.94	0.93	0.92	0.90	0.87	0.81	0.82	0.82	0.79	0.80	0.78
Colorado	0.95	0.96	0.91	0.91	0.88	0.84	0.82	0.80	0.84	0.83	0.81
Connecticut	0.68	0.69	0.67	0.70	0.70	0.66	0.67	0.67	0.69	0.70	0.69
Delaware	0.85	0.85	0.84	0.85	0.89	0.88	0.85	0.83	0.79	0.77	0.77
Dist. of Col.	5.39	5.38	5.18	5.05	5.25	4.90	5.28	5.74	6.18	6.28	5.55
Florida	1.07	1.08	1.07	1.05	1.06	1.08	1.04	0.99	1.00	0.96	0.97
Georgia	0.96	0.97	0.97	0.97	0.98	1.00	1.02	1.02	0.98	0.98	1.01
Hawaii	1.26	1.38	1.41	1.47	1.48	1.46	1.49	1.50	1.49	1.51	1.44
Idaho	1.14	1.15	1.16	1.22	1.19	1.22	1.25	1.32	1.28	1.23	1.21
Illinois	0.74	0.75	0.77	0.78	0.79	0.81	0.80	0.77	0.73	0.74	0.75
Indiana	0.84	0.89	0.92	0.93	0.94	0.99	1.02	0.98	0.95	0.98	1.05
Iowa	1.06	1.08	1.06	1.12	1.18	1.11	1.20	1.21	1.04	1.11	1.10
Kansas	1.05	1.03	1.02	1.07	1.12	1.07	1.16	1.12	1.10	1.11	1.12
Kentucky	1.28	1.28	1.33	1.36	1.32	1.38	1.38	1.45	1.52	1.48	1.51
Louisiana	1.35	1.29	1.32	1.28	1.38	1.42	1.43	1.45	1.49	1.57	1.78
Maine	1.30	1.32	1.33	1.33	1.30	1.26	1.23	1.30	1.37	1.40	1.41
Maryland	1.27	1.25	1.24	1.30	1.28	1.27	1.24	1.28	1.30	1.37	1.30
Massachusetts	0.92	0.91	0.90	0.89	0.87	0.80	0.80	0.82	0.83	0.82	0.82
Michigan	0.77	0.78	0.82	0.83	0.84	0.87	0.90	0.88	0.85	0.87	0.92
Minnesota	0.78	0.76	0.80	0.81	0.83	0.83	0.80	0.77	0.68	0.68	0.72
Mississippi	1.54	1.61	1.56	1.54	1.60	1.73	1.82	1.83	1.82	1.82	2.02
Missouri	1.29	1.40	1.24	1.24	1.24	1.27	1.30	1.33	1.34	1.34	1.32
Montana	1.46	1.49	1.54	1.55	1.70	1.57	1.61	1.60	1.53	1.52	1.47
Nebraska	1.01	1.00	1.02	1.05	1.09	1.15	1.19	1.20	1.06	1.08	1.10
Nevada	0.73	0.78	0.73	0.75	0.74	0.77	0.75	0.71	0.66	0.62	0.65
New Hampshire	0.75	0.75	0.74	0.76	0.73	0.71	0.71	0.70	0.67	0.69	0.71
New Jersey	0.68	0.69	0.71	0.71	0.70	0.69	0.65	0.61	0.57	0.57	0.61
New Mexico	1.85	1.85	1.83	1.85	1.89	2.08	1.93	2.07	2.17	2.18	2.03
New York	0.87	0.86	0.86	0.87	0.87	0.88	0.81	0.82	0.82	0.82	0.79
North Carolina	0.95	1.01	1.01	1.01	1.02	1.07	1.07	1.06	1.06	1.06	1.08
North Dakota	1.47	1.37	1.58	1.52	1.62	1.77	1.90	1.96	1.66	1.65	1.68
Ohio	0.97	0.97	0.97	0.97	0.98	1.03	1.03	1.01	1.01	1.02	1.05
Oklahoma	1.30	1.32	1.33	1.36	1.41	1.44	1.43	1.46	1.45	1.41	1.36
Oregon	0.95	0.95	0.94	0.97	0.97	0.97	0.99	0.97	0.97	0.98	0.93
Pennsylvania	1.05	1.04	1.05	1.05	1.06	1.07	1.08	1.07	1.07	1.07	1.07

Continued on next page.

**Table 9.57-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES: 1995 TO 2005 -- Con.**

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Rhode Island	1.14	1.13	1.12	1.11	1.12	1.15	1.08	1.06	1.06	1.03	1.00
South Carolina	1.20	1.21	1.21	1.22	1.24	1.28	1.32	1.31	1.34	1.36	1.35
South Dakota	1.30	1.28	1.34	1.33	1.44	1.45	1.53	1.60	1.49	1.47	1.53
Tennessee	1.07	1.09	1.12	1.16	1.15	1.20	1.23	1.22	1.25	1.37	1.27
Texas	0.95	0.95	0.94	0.92	0.94	0.95	0.92	0.93	0.98	0.95	0.94
Utah	1.08	0.99	1.01	1.03	1.04	1.06	1.11	1.12	1.14	1.07	1.07
Vermont	1.03	1.04	1.01	1.03	1.07	1.09	1.11	1.11	1.15	1.16	1.08
Virginia	1.51	1.42	1.44	1.42	1.38	1.39	1.47	1.44	1.53	1.58	1.51
Washington	0.97	0.96	0.95	0.91	0.84	0.85	0.89	0.90	0.89	0.89	0.88
West Virginia	1.59	1.56	1.58	1.63	1.60	1.61	1.63	1.67	1.73	1.79	1.76
Wisconsin	0.80	0.81	0.84	0.86	0.87	0.90	0.89	0.86	0.82	0.83	0.86
Wyoming	1.08	1.03	1.03	1.06	1.06	1.08	1.09	1.07	1.16	1.13	1.11

Source: Tax Foundation, "Federal Taxes Paid vs. Federal Spending Received by State, 1981-2005" (October 19, 2007) <<http://www.taxfoundation.org/research/topic/92.html>> accessed October 22, 2007.

**Table 9.58-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES RANKING: 1995 TO 2005**

[For fiscal year ending September 30. Rank of 1 indicates highest ratio]

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Alabama	8	9	8	8	9	7	7	7	6	5	7
Alaska	17	15	10	11	6	5	6	3	3	2	3
Arizona	21	21	22	23	21	21	24	23	21	20	21
Arkansas	16	17	15	14	13	13	11	9	14	13	14
California	38	38	37	39	41	44	42	42	43	43	43
Colorado	34	35	39	37	38	42	41	44	39	40	41
Connecticut	50	49	50	50	49	50	49	49	46	46	48
Delaware	41	42	43	43	37	38	40	40	44	44	44
Dist. of Col.	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Florida	24	23	23	27	28	26	31	33	32	34	34
Georgia	33	32	32	33	33	33	33	31	34	33	32
Hawaii	15	7	7	6	7	8	9	10	12	10	12
Idaho	20	19	19	19	19	19	17	16	19	21	20
Illinois	47	48	46	46	46	45	46	46	45	45	45
Indiana	42	40	38	35	35	34	34	34	36	32	30
Iowa	26	24	24	21	20	24	21	21	30	25	24
Kansas	27	28	27	24	24	30	23	24	25	24	22
Kentucky	13	13	12	10	14	14	14	12	9	11	9
Louisiana	7	12	14	16	11	11	13	13	11	8	4
Maine	9	11	11	13	15	18	20	17	15	14	13
Maryland	14	16	16	15	16	16	18	19	18	16	18
Massachusetts	39	39	40	40	39	46	44	43	40	42	40
Michigan	45	44	44	44	44	40	37	38	38	38	37
Minnesota	44	46	45	45	45	43	45	45	47	48	46
Mississippi	3	2	4	4	4	3	3	3	2	3	2
Missouri	12	6	17	17	17	17	16	15	16	18	17
Montana	6	4	5	3	2	6	5	6	8	9	11
Nebraska	30	30	28	28	25	23	22	22	28	26	25
Nevada	48	45	48	48	47	47	47	47	49	49	49
New Hampshire	46	47	47	47	48	48	48	48	18	47	47
New Jersey	49	50	49	49	50	49	50	50	50	50	50
New Mexico	1	1	1	1	1	1	1	1	1	1	1
New York	40	41	41	41	42	39	43	41	42	41	42
North Carolina	36	29	30	31	31	28	30	28	27	19	27
North Dakota	5	8	3	5	3	2	2	2	5	6	6
Ohio	32	33	33	32	32	32	32	32	31	32	31
Oklahoma	11	10	13	9	10	10	12	11	13	15	15
Oregon	35	36	35	34	34	35	35	35	35	36	36
Pennsylvania	28	26	25	26	29	29	29	27	26	27	28

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**Table 9.58-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES RANKING: 1995 TO 2005 -- Con.**

State	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Rhode Island	19	20	20	22	23	22	28	30	29	30	33
South Carolina	18	18	18	18	18	15	15	18	15	17	16
South Dakota	10	14	9	12	8	9	8	8	11	12	8
Tennessee	25	22	21	20	22	20	19	20	20	19	19
Texas	37	37	36	36	36	36	36	36	33	35	35
Utah	22	31	29	30	30	31	25	26	22	28	29
Vermont	29	25	31	29	26	25	26	25	24	22	26
Virginia	4	5	6	7	12	12	10	14	7	7	10
Washington	31	34	34	38	43	41	39	37	37	37	38
West Virginia	2	3	2	2	5	4	4	5	4	4	5
Wisconsin	43	43	42	42	40	37	38	39	39	39	39
Wyoming	23	27	26	25	27	27	27	29	23	23	23

X Not applicable.

Source: Tax Foundation, "Federal Taxes Paid vs. Federal Spending Received by State, 1981-2005"
(October 19, 2007) <<http://www.taxfoundation.org/research/topic/92.html>> accessed October 22, 2007.

Table 9.59-- PUBLIC BONDED DEBT OF STATE AND COUNTY GOVERNMENTS: 1994 TO 2016

[In millions of dollars. 1994 to 1997 as of December 31 and as of June 30 for 1998 and beyond]

Year	Total bonded debt 1/	State debt	Total	County debt			
				Honolulu	Maui	Hawaii	Kauai
Tax Foundation of Hawaii and Hawaii state and county government							
1994	6,913.5	5,015.4	1,898.1	1,544.6	185.1	119.5	49.0
1995	7,078.1	5,126.1	1,952.0	1,604.0	188.4	114.1	45.5
1996	7,098.6	5,051.3	2,047.3	1,669.8	194.3	143.5	39.8
1997	7,239.3	5,258.1	1,981.2	1,616.2	188.2	139.0	37.8
1998	7,808.0	5,773.6	2,034.4	1,639.2	223.8	133.2	38.3
1999	7,768.4	5,582.6	2,185.8	1,788.6	235.1	126.4	35.7
2000	8,023.2	5,745.2	2,278.0	1,831.6	236.8	149.3	60.4
2001	7,855.2	5,471.6	2,383.6	1,932.7	234.9	141.2	74.8
2002	8,856.6	6,072.0	2,784.6	2,312.1	246.3	155.9	70.2
2003	8,861.0	5,793.8	3,067.2	2,592.3	243.0	165.6	66.2
U.S. Census Bureau: debt outstanding							
2000	7,909.0	5,592.2	2,316.8	(NA)	(NA)	(NA)	(NA)
2001	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
2002	8,448.3	5,656.3	2,791.9	(NA)	(NA)	(NA)	(NA)
2003	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
2004	9,106.5	5,746.2	3,360.3	(NA)	(NA)	(NA)	(NA)
2005	9,292.1	5,844.3	3,447.8	(NA)	(NA)	(NA)	(NA)
2006	9,504.0	5,791.8	3,712.2	(NA)	(NA)	(NA)	(NA)
2007	10,431.5	6,242.4	4,189.1	(NA)	(NA)	(NA)	(NA)
2008	10,733.6	6,296.5	4,437.1	(NA)	(NA)	(NA)	(NA)
2009	11,495.0	6,880.2	4,614.7	(NA)	(NA)	(NA)	(NA)
2010	12,634.4	7,700.7	4,933.8	(NA)	(NA)	(NA)	(NA)
2011	13,377.0	7,912.8	5,464.2	(NA)	(NA)	(NA)	(NA)
2012	14,025.0	8,398.0	5,627.0	(NA)	(NA)	(NA)	(NA)
2013	14,447.3	8,318.4	6,128.9	(NA)	(NA)	(NA)	(NA)
2014	14,296.4	8,426.6	5,869.8	(NA)	(NA)	(NA)	(NA)
2015	14,736.2	8,757.7	5,958.4	(NA)	(NA)	(NA)	(NA)
2016	15,292.7	9,216.6	6,076.1	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Outstanding state and county bonds, both general obligation and revenue bonds. Gross debt exclusive of cash reserves. Excludes bonds not chargeable to public funds and short-term bond anticipation notes.

2/ There are no by-state statistics or state-area statistics available for 2000-01 nor 2002-03.

Source: Tax Foundation of Hawaii, *Government in Hawaii*, table 52 (annual) and Tax Foundation of Hawaii unpublished compilations of Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller* (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports); and U.S. Census Bureau "State and Local Government Finances by Level of Government and by State" (annual)

<<http://www.census.gov/govs/local/>> accessed July 7, 2019.

Table 9.60-- STATE GENERAL OBLIGATION BOND DEBT: 1990 TO 2018

[In thousands of dollars. For fiscal years ending June 30]

Year	Total bonded indebtedness	General long-term obligations account group	Enterprise funds	Component unit - University of Hawaii
1990	2,026,100	1,967,556	33,100	25,444
1991	2,274,846	2,222,324	27,700	24,822
1992	2,328,546	2,281,875	22,511	24,160
1993	2,767,691	2,726,654	17,577	23,460
1994	2,872,488	2,834,234	13,867	24,387
1995	2,934,965	2,901,651	9,948	23,366
1996	2,869,639	2,841,069	6,265	22,305
1997	3,102,288	3,075,862	5,231	21,195
1998	3,387,988	3,363,517	4,312	20,159
1999	3,189,298	3,166,880	3,468	18,950
2000	3,299,863	3,278,479	2,644	18,740
2001	3,244,857	3,225,635	1,799	17,423
2002	(NA)	3,568,001	(NA)	(NA)
2003	(NA)	3,634,738	(NA)	(NA)
2004	(NA)	3,954,192	(NA)	(NA)
2005	(NA)	4,256,633	(NA)	(NA)
2006	(NA)	4,322,964	(NA)	(NA)
2007	(NA)	4,079,714	(NA)	(NA)
2008	(NA)	4,408,572	(NA)	(NA)
2009	(NA)	4,779,666	(NA)	(NA)
2010	(NA)	5,157,198	(NA)	(NA)
2011	(NA)	4,987,544	(NA)	(NA)
2012	(NA)	5,475,348	(NA)	(NA)
2013	(NA)	5,534,921	(NA)	(NA)
2014	(NA)	5,784,139	(NA)	(NA)
2015	(NA)	6,503,281	(NA)	(NA)
2016	(NA)	6,953,431	(NA)	(NA)
2017	(NA)	7,635,827	(NA)	(NA)
2018	(NA)	7,912,206	(NA)	(NA)

NA Not available.

Source: Hawaii State Department of Accounting and General Services, *State of Hawaii, Comprehensive Annual Financial Report* (fiscal years 1990-2001), Schedule I-2, and for fiscal year 2000, Schedule K-3; and *Ibid. For the Fiscal Year Ended June 30* (fiscal years thereafter)

<<http://ags.hawaii.gov/accounting/annual-financial-reports/>> accessed January 28, 2019.

Table 9.61-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2018

Year	Government jobs 1/				State civil service workers 2/	State retirement system members 3/
	All levels	Federal	Territory or State	County		
1940	22,136	11,139	6,245	4,752	2,616	8,352
1945	78,846	66,248	7,231	5,367	3,772	12,662
1950	33,140	18,891	7,955	6,294	5,280	16,120
1960	49,510	27,010	14,620	7,880	6,790	24,092
1970	73,640	33,380	30,600	9,660	10,166	38,912
1980	89,050	30,000	45,150	13,900	17,327	48,868
1990	105,600	34,200	57,100	14,400	20,654	53,509
1991	108,900	33,900	60,300	14,800	(NA)	55,604
1992	111,100	33,300	62,600	15,300	22,920	57,401
1993	111,500	31,800	64,200	15,500	24,267	59,518
1994	111,900	31,300	65,000	15,600	24,716	61,082
1995	111,400	31,100	63,900	4/ 16,400	24,138	60,687
1996	110,600	31,100	62,800	16,600	23,338	59,275
1997	111,700	30,700	64,300	16,800	23,133	59,500
1998	112,200	30,400	64,900	16,900	23,627	60,447
1999	112,800	30,300	65,800	16,700	23,927	61,164
2000	114,600	31,000	66,900	16,700	5/ 21,380	62,207
2001	114,450	30,100	67,300	17,100	(NA)	63,408
2002	117,950	30,650	70,150	17,150	(NA)	66,043
2003	119,150	31,650	70,550	16,950	(NA)	66,442
2004	120,050	31,450	71,500	17,100	24,038	67,074
2005	119,650	31,300	71,150	17,200	23,828	68,011
2006	121,250	31,850	71,950	17,450	26,013	69,233
2007	122,100	31,750	72,400	17,950	(NA)	70,805
2008	125,000	32,200	74,300	18,550	(NA)	72,436
2009	125,700	33,300	73,700	18,650	(NA)	73,928
2010	125,200	34,800	71,700	18,700	(NA)	72,785
2011	124,600	34,900	71,100	18,500	(NA)	71,959
2012	125,500	34,900	72,100	18,500	21,083	72,508
2013	124,500	33,900	71,900	18,700	23,183	73,538
2014	126,200	33,200	74,200	18,800	23,282	75,311
2015	126,400	33,100	74,500	18,900	23,182	74,723
2016	126,000	33,200	73,900	19,000	23,046	75,118
2017 6/	125,500	33,400	73,200	19,000	21,699	75,152
2018 6/	125,600	33,600	73,100	18,900	21,594	75,520

Continued on next page.

Table 9.61-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2018 -- Con.

NA Not available.

1/ Data are annual averages and rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009. Totals may not add due to rounding.

2/ December 31 through 1960 and June 30 thereafter. State or Territorial workers in civil service system. Data exclude county employees, also covered by civil service.

3/ June 30 through 1960 and March 31 1961 through 2011, June 30 thereafter. Includes State or Territorial employees, county employees, and inactive members (those no longer employed by the State, Territory, or counties who have remained in the System), but excludes pensioners.

4/ 1995 data not comparable to earlier years.

5/ Does not include Hawaii Health Systems Corp. (HHSC). HHSC is a separate personnel jurisdiction apart from the civil service historically reported with the Department of Health and, since December 1999, its workforce data are not available.

6/ 'Government jobs' benchmarked by Hawaii Department of Labor & Industrial Relations in March 2019. 'Total' revised for 2017.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii*, pp. 616-617; *Data Book 1978*, p. 158; Hawaii State Department of Labor and Industrial Relations, *Labor Force Data Book* (annual) and for 1990-2018 "Job Count by Industry" <<https://www.hiwi.org/gsipub/index.asp?docid=421>> accessed July 17, 2019; Hawaii State Department of Human Resources Development, *Executive Branch Workforce Profile Reports Fiscal Year Ending June 30* (annual) <<http://dhrd.hawaii.gov/reports/workforce-reports/>> accessed June 29, 2018 and records; Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Financial Report (annual)*, Ibid. *Report to Board of Trustees on the Annual Actuarial Valuation for the Year Ending June 30* (annual) <<http://ers.ehawaii.gov/resources/financials>> accessed July 14, 2019; and records.

Table 9.62-- FEDERAL GOVERNMENT EMPLOYMENT, BY AGENCY: 2012 TO 2017

[Fiscal year ending September 30. Excludes the U.S. Postal Service and individual state totals
exclude the Federal Bureau of Investigation (FBI). Detail may not sum to department or agency total]

Agency	2012	2013	2014	2015 1/	2016 1/	2017 1/
TOTAL	25,671	24,574	24,377	24,968	25,334	22,248
Cabinet-level	25,379	24,298	24,105	24,702	25,047	21,993
Agriculture	781	756	773	755	755	738
Commerce	442	426	460	429	418	410
Defense	19,375	18,370	18,173	18,599	18,856	17,897
Air Force	1,806	1,770	1,806	1,779	1,790	1,616
Army	5,806	5,409	5,191	5,161	5,188	4,969
Other Defense	1,085	1,047	1,041	1,293	1,281	1,251
Navy/Marine Corps	10,678	10,144	10,135	10,366	10,597	10,061
Justice	294	291	284	517	519	(1/)
U.S. Marshall's Service	27	25	26	25	22	(1/)
Prisons	198	201	194	192	191	(1/)
U.S. Attorney	59	54	53	54	58	55
Labor	31	34	33	32	30	29
Energy	2	2	2	2	(1/)	(1/)
Education	-	-	-	-	(1/)	(1/)
Health & Human Services	175	166	169	168	161	153
Homeland Security 2/	1,971	1,976	1,914	1,900	1,909	(1/)
U.S. Coast Guard	147	139	126	125	126	108
Immig. & Customs Enf.	88	89	89	82	87	(1/)
Customs & Border Prot.	308	296	296	294	304	(1/)
Trans. Security Admin.	1,333	1,362	1,317	1,284	1,279	(1/)
FEMA	55	53	47	47	44	50
Housing & Urban Dev.	26	25	25	22	19	20
Interior	723	648	631	595	633	609
National Park Service	476	425	404	375	400	367
State	18	19	17	18	19	20
Transportation	413	398	407	381	400	394
Fed. Aviation Admin.	395	381	388	367	380	376
Fed. Highways Admin.	15	14	15	11	16	14
Treasury	143	119	120	102	92	(1/)
Internal Revenue Service	141	118	118	99	(1/)	(1/)
Veterans Affairs	985	1,068	1,097	1,200	1,236	1,247
Veterans Benefits Admin.	86	92	99	100	101	102
National Cemetery Admin.	26	26	24	27	27	26
Veterans Health Admin.	847	925	950	1,046	1,083	1,093
Independent agencies 3/	292	276	272	240	(1/)	(1/)
Large	285	270	267	237	250	250
General Services Admin.	44	42	41	36	40	40
Social Security Admin.	131	122	129	138	141	139
Medium	7	6	5	3	(1/)	(1/)
Small	-	-	-	-	(1/)	(1/)

1/ Some component counts reflect suppressed categories, such as counts fewer than 12.

2/ New agency as of November 25, 2002.

3/ Large is 1,000 or more; Medium is 100 to 999; and Small is fewer than 100 employees.

Source: U.S. Office of Personnel Management, FedScope <http://www.fedscope.opm.gov/employment_access.asp> accessed April 2, 2019, and records.

Table 9.63-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2017

[In number of jobs and thousands of dollars]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	91,842	69,155	22,687	76,611	373,115	350,005	23,110	1,319,543
Financial administration	1,857	1,829	28	1,832	8,510	8,488	22	654
Other government admin.	2,369	1,969	400	2,072	10,258	9,818	441	18,229
Judicial and legal	3,771	3,677	94	3,717	17,489	17,235	254	7,048
Police protection	4,147	4,024	123	4,046	28,399	28,346	53	3,843
Persons with powers of arrest	3,130	3,130	-	3,130	24,587	24,587	-	-
Other	1,017	894	123	916	3,812	3,759	53	3,843
Fire protection	2,056	2,032	24	2,045	15,797	15,719	78	2,408
Firefighters	1,789	1,789	-	1,789	14,789	14,789	-	-
Other	267	243	24	256	1,008	930	78	2,408
Corrections	2,387	2,374	13	2,380	12,586	12,507	79	980
Highways	1,728	1,703	25	1,710	8,167	8,152	15	1,202
Air transportation	1,008	999	9	1,001	5,025	5,014	11	343
Water transport and terminals	214	214	-	214	1,019	1,019	-	-
Public welfare	626	509	117	546	2,476	2,392	84	6,670
Health	2,425	2,351	74	2,383	12,792	12,604	189	5,727
Hospitals	4,586	3,817	769	4,231	24,823	22,188	2,635	73,062
Social insurance admin.	202	187	15	194	924	895	29	1,200
Solid waste management	668	667	1	667	3,724	3,724	1	62
Sewerage	750	749	1	749	3,986	3,986	1	50
Parks and recreation	4,373	2,108	2,265	2,349	8,546	7,892	654	42,778
Housing and community dev't	324	312	12	316	1,324	1,317	7	694
Natural resources	1,141	1,057	84	1,097	5,266	5,122	144	6,885

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**Table 9.63-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION:
MARCH 2017 -- Con.**

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Water supply	1,027	1,027	-	1,027	5,435	5,435	-	-
Transit	264	238	26	248	1,249	1,210	40	1,740
Education total	50,310	32,014	18,296	38,369	170,300	152,221	18,079	1,124,890
Elem. & secondary educ. total	34,833	22,458	12,375	25,847	112,279	101,255	11,024	599,916
Elem. & sec. instructional	28,269	17,163	11,106	20,269	93,521	83,005	10,516	549,786
Elem. & sec other	6,564	5,295	1,269	5,578	18,758	18,250	508	50,130
Higher education total	15,339	9,420	5,919	12,385	57,420	50,369	7,051	524,814
Higher educ. instructional	4,836	3,567	1,269	5,380	29,568	26,234	3,335	320,832
Higher ed other	10,503	5,853	4,650	7,005	27,852	24,135	3,717	203,982
Other education	138	136	2	137	602	598	4	160
Libraries	705	471	234	562	1,968	1,762	206	16,080
All other and unallocable	4,904	4,827	77	4,856	23,049	22,960	89	4,998

Source: U.S. Census Bureau, 2017 Census of Governments: Employment "State and Local Government: Employment and Payroll Data by State and Function: March 2017" (June 20, 2019) <<https://www.census.gov/programs-surveys/apes/data/tables.html>> accessed June 21, 2019.

Table 9.64-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2018

[In number of jobs and thousands of dollars]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	89,547	67,646	21,901	74,946	370,564	348,509	22,054	1,253,120
Financial administration	1,831	1,794	37	1,800	8,511	8,484	28	1,139
Other government administration	2,359	1,979	380	2,031	10,537	10,292	245	9,279
Judicial and legal	3,660	3,544	116	3,581	18,239	17,958	282	6,713
Police protection	4,067	3,942	125	3,968	27,500	27,434	66	4,740
Persons with powers of arrest	3,072	3,066	6	3,068	23,771	23,768	2	336
Other	995	876	119	900	3,729	3,666	64	4,404
Fire protection	2,039	2,015	24	2,030	14,921	14,835	86	2,605
Firefighters	1,789	1,774	15	1,785	14,043	13,976	66	1,875
Other	250	241	9	245	879	859	20	730
Corrections	2,367	2,354	13	2,360	13,364	13,260	104	1,028
Highways	1,683	1,666	17	1,669	7,999	7,989	10	524
Air transportation	1,004	995	9	997	5,222	5,215	7	342
Water transport and terminals	211	211	-	211	1,016	1,016	-	-
Public welfare	629	497	132	534	2,465	2,368	97	6,490
Health	2,382	2,312	70	2,343	12,863	12,689	173	5,437
Hospitals	3,152	2,632	520	2,921	17,387	15,480	1,906	51,053
Social insurance administration	192	180	12	185	901	869	32	960
Solid waste management	676	675	1	675	3,798	3,798	-	41
Sewerage	808	804	4	804	4,297	4,296	2	126
Parks and recreation	4,202	2,116	2,086	2,354	8,592	7,927	664	42,079
Housing and community dev't	322	313	9	315	1,269	1,264	5	368
Natural resources	1,096	1,015	81	1,054	5,234	5,090	144	6,982

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**Table 9.64-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION:
MARCH 2018 -- Con.**

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Water supply	1,028	1,028	-	1,028	5,397	5,397	-	-
Transit	263	234	29	245	1,220	1,168	51	1,815
Education total	50,228	32,283	17,945	38,666	175,765	157,931	17,834	1,090,636
Elem. & secondary educ. total	34,827	22,750	12,077	26,309	117,021	106,198	10,823	590,720
Elem. & sec. instructional	28,255	17,405	10,850	20,600	97,560	87,264	10,296	530,370
Elem. & sec other	6,572	5,345	1,227	5,709	19,461	18,934	527	60,350
Higher education total	15,273	9,406	5,867	12,230	58,171	51,163	7,008	499,836
Higher educ. instructional	4,788	3,564	1,224	5,262	29,561	26,320	3,241	300,596
Higher ed other	10,485	5,842	4,643	6,968	28,610	24,844	3,766	199,240
Other education	128	127	1	127	573	570	3	80
Libraries	703	476	227	572	2,069	1,841	229	17,032
All other and unallocable	4,645	4,581	64	4,603	21,997	21,908	89	3,731

Source: U.S. Census Bureau, 2018 Annual Survey of Public Employment and Payroll "State and Local Government Employment and Payroll Data by State and Function: March 2018" (June 20, 2019) <<https://www.census.gov/data/tables/2018/econ/apes/annual-apes.html>> accessed June 21, 2019.

Table 9.65-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2017

[In number of jobs and thousands of dollars]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total 1/	72,819	53,067	19,752	58,966	279,421	257,991	21,430	1,043,711
Financial administration	738	738	-	738	3,433	3,433	-	-
Other government admin.	849	716	133	801	3,773	3,404	369	14,954
Judicial and legal	3,050	2,980	70	3,007	13,718	13,507	211	4,762
Corrections	2,387	2,374	13	2,380	12,586	12,507	79	980
Highways	838	826	12	831	4,513	4,505	8	936
Air transportation	1,008	999	9	1,001	5,025	5,014	11	343
Water transport & terminals	214	214	-	214	1,019	1,019	-	-
Public welfare	414	392	22	401	1,857	1,843	14	1,676
Health	2,036	1,993	43	2,014	10,773	10,634	140	3,768
Hospitals	4,586	3,817	769	4,231	24,823	22,188	2,635	73,062
Social insurance admin.	202	187	15	194	924	895	29	1,200
Parks and recreation	753	152	601	182	739	641	98	5,290
Natural resources	856	850	6	853	4,207	4,194	12	494
Education total	50,310	32,536	17,774	37,716	172,044	154,491	17,552	916,906
Elem. & sec. total	34,833	22,458	12,375	26,292	114,022	101,255	12,767	678,624
Elem & sec instruct.	28,269	17,163	11,106	20,602	94,648	83,005	11,643	608,692
Elem & sec other	6,564	5,295	1,269	5,690	19,374	18,250	1,125	69,932
Higher educ. total	15,339	9,942	5,397	11,287	57,420	52,639	4,781	238,122
Higher educ. instruct.	4,836	4,089	747	4,282	29,568	28,504	1,065	34,140
Higher educ. other	10,503	5,853	4,650	7,005	27,852	24,135	3,717	203,982
Other	138	136	2	137	602	598	4	160
Libraries	703	469	234	560	1,960	1,754	206	16,080
All other and unallocable	3,875	3,824	51	3,843	18,026	17,961	65	3,260

Source: U.S. Census Bureau, 2017 Annual Survey of Public Employment and Payroll "State Government Employment and Payroll Data by State and Function: March 2017" (June 20, 2019) <<https://www.census.gov/data/tables/2017/econ/apes/annual-apes.html>> accessed June 21, 2019.

Table 9.66-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2018

[In number of jobs and thousands of dollars. Data are preliminary]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	70,620	51,158	19,462	58,058	276,088	255,312	20,776	1,182,266
Financial administration	699	692	7	695	3,267	3,262	5	556
Other government admin.	835	747	88	774	3,793	3,664	129	4,888
Judicial and legal	2,958	2,870	88	2,888	14,259	14,035	224	3,268
Corrections	2,367	2,354	13	2,360	13,364	13,260	104	1,028
Highways	789	786	3	787	4,191	4,189	2	234
Air transportation	1,004	995	9	997	5,222	5,215	7	342
Water transport & terminals	211	211	-	211	1,016	1,016	-	-
Public welfare	397	383	14	389	1,843	1,831	12	1,068
Health	1,984	1,948	36	1,966	10,763	10,647	116	3,126
Hospitals	3,152	2,632	520	2,921	17,387	15,480	1,906	51,053
Social insurance admin.	192	180	12	185	901	869	32	960
Parks and recreation	589	143	446	171	716	623	93	4,924
Natural resources	810	805	5	807	4,158	4,147	12	434
Education total	50,228	32,283	17,945	38,666	175,765	157,931	17,834	1,090,636
Elem. & sec. total	34,827	22,750	12,077	26,309	117,021	106,198	10,823	590,720
Elem & sec instruct.	28,255	17,405	10,850	20,600	97,560	87,264	10,296	530,370
Elem & sec other	6,572	5,345	1,227	5,709	19,461	18,934	527	60,350
Higher educ. total	15,273	9,406	5,867	12,230	58,171	51,163	7,008	499,836
Higher educ. Instruct.	4,788	3,564	1,224	5,262	29,561	26,320	3,241	300,596
Higher educ. other	10,485	5,842	4,643	6,968	28,610	24,844	3,766	199,240
Other	128	127	1	127	573	570	3	80
Libraries	699	472	227	568	2,059	1,830	229	17,032
All other and unallocable	3,706	3,657	49	3,673	17,385	17,313	72	2,717

Source: U.S. Census Bureau, 2018 Annual Survey of Public Employment and Payroll "State Government Employment and Payroll Data by State and Function: March 2018" (June 20, 2019) <<https://www.census.gov/data/tables/2018/econ/apes/annual-apes.html>> accessed June 21, 2019.

Table 9.67-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2017

[In number of jobs and thousands of dollars]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	19,023	16,610	2,413	16,992	95,438	94,284	1,154	67,848
Financial administration	1,119	1,091	28	1,094	5,077	5,055	22	654
Other government administration	1,520	1,253	267	1,271	6,486	6,414	72	3,275
Judicial and legal	721	697	24	710	3,771	3,729	43	2,286
Police protection	4,147	4,024	123	4,046	28,399	28,346	53	3,843
Persons with power of arrest	3,130	3,130	-	3,130	24,587	24,587	-	-
Other police protection	1,017	894	123	916	3,812	3,759	53	3,843
Fire protection total	2,056	2,032	24	2,045	15,797	15,719	78	2,408
Firefighters	1,789	1,789	-	1,789	14,789	14,789	-	-
Other fire protection	267	243	24	256	1,008	930	78	2,408
Highways	890	877	13	879	3,654	3,647	7	266
Public welfare	212	117	95	145	618	548	70	4,994
Health	389	358	31	369	2,019	1,970	49	1,959
Solid waste management	668	667	1	667	3,724	3,724	1	62
Sewerage	750	749	1	749	3,986	3,986	1	50
Parks and recreation	3,620	1,956	1,664	2,167	7,808	7,251	556	37,488
Housing & community dev't	324	312	12	316	1,324	1,317	7	694
Natural resources	285	207	78	244	1,060	928	131	6,391
Water supply	1,027	1,027	-	1,027	5,435	5,435	-	-
Transit	264	238	26	248	1,249	1,210	40	1,740
Libraries	2	2	-	2	8	8	-	-
All other and unallocable	1,029	1,003	26	1,013	5,023	4,999	24	1,738

Source: U.S. Census Bureau, 2017 Census of Governments: Employment "Local Government Employment and Payroll Data by State and Function: March 2017" (June 20, 2019) <<https://www.census.gov/data/tables/2017/econ/apes/annual-apes.html>> accessed June 21, 2019.

Table 9.68-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2018

[In number of jobs and thousands of dollars. Data are preliminary]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	18,927	16,488	2,439	16,888	94,476	93,197	1,278	70,854
Financial administration	1,132	1,102	30	1,105	5,245	5,222	23	583
Other government administration	1,524	1,232	292	1,257	6,744	6,628	116	4,391
Judicial and legal	702	674	28	693	3,980	3,922	58	3,445
Police protection	4,067	3,942	125	3,968	27,500	27,434	66	4,740
Persons with power of arrest	3,072	3,066	6	3,068	23,771	23,768	2	336
Other police protection	995	876	119	900	3,729	3,666	64	4,404
Fire protection total	2,039	2,015	24	2,030	14,921	14,835	86	2,605
Firefighters	1,789	1,774	15	1,785	14,043	13,976	66	1,875
Other fire protection	250	241	9	245	879	859	20	730
Highways	894	880	14	882	3,808	3,801	7	290
Public welfare	232	114	118	145	622	537	85	5,422
Health	398	364	34	377	2,100	2,042	58	2,311
Solid waste management	676	675	1	675	3,798	3,798	(1/)	41
Sewerage	808	804	4	804	4,297	4,296	2	126
Parks and recreation	3,613	1,973	1,640	2,183	7,876	7,304	572	37,155
Housing & community dev't	322	313	9	315	1,269	1,264	5	368
Natural resources	286	210	76	247	1,075	943	132	6,548
Water supply	1,028	1,028	-	1,028	5,397	5,397	-	-
Transit	263	234	29	245	1,220	1,168	51	1,815
Libraries	4	4	-	4	11	11	-	-
All other and unallocable	939	924	15	930	4,612	4,595	17	1,014

1/ Less than \$500.

Source: U.S. Census Bureau, 2018 Annual Survey of Public Employment and Payroll "Local Government Employment and Payroll Data by State and Function: March 2018" (June 20, 2019) <<https://www.census.gov/data/tables/2018/econ/apes/annual-apes.html>> accessed June 21, 2019.

Table 9.69-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2017

[As of December 31]

Bar- gain- ing unit	Job category	Total	State of Hawaii	City & County of Honolulu	County of Hawaii	County of Maui	County of Kauai	Dept. of Educ.	Judici- ary	Univer- sity of Hawaii	HHSC 1/
	Total	59,657	12,701	8,125	2,288	2,113	1,197	22,209	1,560	7,272	2,192
1	Blue-collar nonsupervisors	8,354	1,863	1,883	544	580	374	2,179	97	530	304
2	Blue-collar supervisors	746	168	198	51	43	13	243	1	13	16
3	White-collar nonsupervisors	12,616	3,368	1,478	585	511	260	4,601	788	649	376
4	White-collar supervisors	790	220	128	39	30	16	259	53	35	10
5	Teachers & other personnel 2/	12,965	-	-	-	-	-	12,965	-	-	-
6	Educational officers 3/	941	-	-	-	-	-	941	-	-	-
7	Faculty of the University of Hawaii and the community college system	3,717	-	-	-	-	-	-	-	3,717	-
8	Personnel of the University of Hawaii and the community college system, other than faculty	2,317	-	-	-	-	-	-	-	2,317	-
9	Registered prof. nurses	1,078	405	-	-	-	-	2	4	9	658
10	Institutional, health and correctional workers	2,548	1,639	247	-	-	-	33	60	2	567
11	Firefighters	1,877	165	985	326	272	129	-	-	-	-
12	Police officers 4/	2,821	-	1,934	406	305	146	-	-	-	-
13	Prof. & scientific employees 5/	8,143	4,457	1,097	288	285	212	986	557	-	261
14	State law enforcement officers & state & county ocean safety & water safety officers	744	416	175	49	57	47	-	-	-	-

1/ Hawaii Health Systems Corporation.

2/ Includes teachers and other personnel of the Department of Education under same salary schedule and part-time employees working less than 20 hours a week who are equal to one-half of a full-time equivalent.

3/ Also includes other Department of Education personnel under same salary schedule.

4/ Report shows 330 members in County of Maui but as such components do not sum. Confirmation that Maui membership is 335 underway with HLRB.

5/ Professional & scientific employees, who cannot be included in any other bargaining units.

Source: State of Hawaii Labor Relations Board, *HLRB Informational Bulletin No. 56*, (February 14, 2018). See also <http://labor.hawaii.gov/hlrp/find-a-report/> accessed January 23, 2019.

**Table 9.70-- SALARIES OF SELECTED GOVERNMENT OFFICIALS:
2002 TO 2007**

[Annual rates, in dollars, as of January 1]

Government official	2002	2003	2004	2005	2006	2007
Governor	94,780	94,780	94,780	94,780	94,780	112,000
Lieutenant Governor	90,041	90,041	90,041	90,041	90,041	100,000
Mayor, Honolulu 1/	112,200	112,200	112,200	112,200	116,688	122,000
Mayor, Hawaii 2/	78,564	85,080	85,080	85,080	85,080	85,080
Mayor, Maui 3/	96,000	96,000	96,000	103,860	103,860	103,860
Mayor, Kauai	73,118	73,118	73,118	80,000	80,000	80,000
Chief Justice, Supreme Court 4/	116,779	116,779	116,779	116,779	116,779	116,779
Assoc. Justice, Supreme Court 4/	115,547	115,547	115,547	115,547	115,547	115,547
President, University of Hawaii 5/	442,000	442,000	442,000	325,000	360,000	360,000

1/ Increased to \$110,000 effective July 1, 2000; and a 2 percent increase to \$112,200 effective July 1, 2001. A resolution to reject the Salary Commission's recommendation to increase to \$115,566 was adopted by the City Council on May 29, 2002, subsequent increases to \$116,688 recommended on April 20, 2005 and to \$122,000 on April 27, 2006 were not rejected within the 60-day limit and therefore are effective on July 1 of that year. Similarly, the Mayor's salary increased by 5 percent to \$128,100 on July 1, 2007.

2/ The Mayor's salary of \$78,564 became effective on December 4, 2000. By Salary Commission recommendation of April 19, 2002, the Mayor's salary increased to \$85,080 effective June 30, 2002.

3/ On January 1, 2002 the Mayor's salary increased 7 percent from \$89,712 to \$96,000 and to \$103,860 effective July 1, 2004. 2005 and 2006 are revised from previous *Data Book*.

4/ On February 16, 2000, Governor Benjamin J. Cayetano signed a bill that rectifies a measure passed by the 1999 Legislature. This mandates an increase of 4 percent over two years which was retroactive to July 1, 1999.

5/ For 1996-2000, Kenneth J. Mortimer's contract, expiring June 30, 2003, reportedly included use of the residence at College Hill and of a car. The Board of Regents was not available to confirm the contract and salary specifics. The contracted salary for Evan S. Dobbelle of \$442,000 was effective July 2, 2001 and was to run to June 30, 2008 but was terminated by the Board of Regents on June 15, 2004. David McClain was named interim president by the Board of Regents effective August 15, 2004 through August 14, 2006. Terms of the contract include an annual salary of \$325,000 a year, residence at College Hill, a monthly car allowance of \$326, and a year of sabbatical leave upon successful completion of the two-year appointment with compensation set at \$190,000. The Board of Regents and David McClain agreed on March 7, 2006 on a March 1, 2006 - July 31, 2009 contract including \$360,000 annual salary plus free use of Manoa's College Hill mansion; \$326 monthly auto allowance and parking; an unspecified amount of expense account while on UH business for him and wife and post-contract a \$250,000 year's sabbatical; tenured professorship at \$250,000 per school year. It also provides a severance of one-year's pay if McClain involuntarily leaves the university before the contract expires.

Source: City & County of Honolulu, Hawaii, Maui, and Kauai County Mayor's offices, ordinances and Salary Commissions records; Hawaii State Department of Business, Economic Development & Tourism telephone surveys, various Honolulu Advertiser articles, and *Honolulu Star-Bulletin* "UH, McClain sign 3-year deal", March 8, 2006.