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Section 14

PRICES

This section presents indexes of consumer prices for Honolulu and for the United States, the implicit price deflator for gross domestic product, and comparisons of Honolulu living costs with those in other U.S. urban areas and cities in foreign countries. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

The Honolulu Consumer Price Index has been compiled by the U.S. Bureau of Labor Statistics (BLS) since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in the base period, 1982-1984.

Official comparisons of Honolulu and Mainland living costs are no longer being made on a regular basis. The annual four-person family budgets estimated by the BLS for Honolulu and the Mainland were discontinued after 1981. The unofficial estimates by the Bank of Hawaii were available for 1982-1998 but have seemingly also been discontinued. A comparison of prices in Hawaii and Washington, D.C., compiled for the U.S. Office of Personnel Management as a basis for cost of living adjustments for Federal employees is also included. These studies are subject to technical limitations and must be interpreted with considerable caution. Comparative indexes have been compiled by the U.S. Department of Defense for military personnel assigned to or in Hawaii on temporary duty.

No composite wholesale or producer price index is available for Hawaii. Periodic comparisons of individual or groups of products and services are sometimes compiled.

The U.S. Census Bureau compiles data on rent and mortgage costs and various trade and advocacy group compile data on Hawaii prices as part of their 50-state analysis.

Data on prices and living costs for the nation as a whole and other areas are summarized in the *Statistical Abstract of the United States: 2012*, Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1977 TO 2020

[Implicit price deflator is the ratio of current-dollar value of gross domestic product (GDP), to its corresponding chained-dollar value, multiplied by 100 and is shown at the 3-decimal level. Current dollar GDP is available for 1963 through 2020 (see Table 13.03) but Real (Chained- 2012 dollar) GDP is not available before 1977]

Year	Hawaii	United States	Year	Hawaii	United States
SIC 1997 = 100.000 1/			NAICS 2012 = 100.000 1/		
1977	39.869	43.908	1997	67.635	74.445
1978	42.709	47.070	1998	69.218	75.283
1979	45.917	50.709	1999	71.133	76.370
1980	50.001	55.286	2000	73.564	78.078
1981	54.925	60.636	2001	76.573	79.790
1982	58.586	64.520	2002	78.478	81.052
1983	61.794	67.291	2003	80.427	82.557
1984	66.022	70.255	2004	82.804	84.780
1985	69.135	72.345	2005	85.567	87.421
1986	72.403	74.497	2006	88.585	90.066
1987	74.971	76.506	2007	91.633	92.486
1988	77.483	78.970	2008	93.271	94.285
1989	80.308	82.050	2009	95.065	95.004
1990	83.047	85.140	2010	96.040	96.111
1991	86.420	88.154	2011	97.776	98.118
1992	88.478	90.322	2012	100.000	100.000
1993	91.482	92.824	2013	102.037	101.755
1994	93.343	94.848	2014	104.469	103.638
1995	95.477	96.820	2015 2/	107.084	104.624
1996	97.425	98.453	2016 2/	108.606	105.722
1997	100.000	100.000	2017 2/	110.586	107.710
			2018 2/	113.256	110.296
			2019 2/	116.094	112.265
			2020	118.446	113.625

1/ There is a discontinuity in the GDP time series at 1997, occurring at the change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against joining the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2020.

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry (March 26, 2021) <<https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed June 16, 2021; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.02-- REGIONAL PRICE PARITIES (RPPs), ALL ITEMS, BY STATE, AND FOR HAWAII, BY COMPONENT: 2008 TO 2019

[RPPs measure differences in price levels of goods and services across states for a given year and are expressed as percentage of the national price level set to 100.0]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 1/	2018 1/	2019
Hawaii: All items	118.1	117.1	117.2	116.9	117.8	118.3	118.4	119.2	118.9	119.2	118.5	119.3
Goods	106.1	106.8	107.1	108.5	109.3	109.3	109.5	110.5	112.1	112.8	111.8	111.8
Services: rents	167.5	164.6	159.2	157.3	159.1	159.3	159.0	163.4	157.2	156.3	149.0	152.6
Services: other	109.3	106.6	104.2	103.0	103.7	104.7	104.5	104.1	103.4	103.8	104.8	105.0
Alabama	87.6	87.5	87.9	87.7	88.1	87.8	87.1	86.8	86.1	85.5	85.9	85.8
Alaska	106.9	106.9	105.5	105.1	105.4	104.9	106.3	105.5	105.7	105.9	105.7	105.1
Arizona	100.6	100.1	98.6	97.9	97.1	96.5	96.0	96.1	95.8	95.9	96.4	96.3
Arkansas	86.9	86.6	87.7	87.6	87.8	87.8	86.9	87.4	86.8	85.7	84.7	84.7
California	113.1	112.9	113.6	113.4	112.9	113.1	113.7	113.8	114.7	115.8	116.2	116.4
Colorado	100.4	101.1	100.9	101.4	101.1	102.1	102.0	102.3	101.7	101.6	101.3	101.9
Connecticut	110.7	110.4	109.4	109.0	109.2	108.5	108.6	108.5	107.3	106.2	105.5	105.0
Delaware	102.0	103.2	102.8	101.8	101.2	100.6	101.1	100.0	100.0	99.8	98.7	99.4
Dist. of Columbia	115.6	116.4	118.2	117.8	117.7	117.0	118.2	116.8	114.6	115.1	115.2	115.2
Florida	100.8	100.0	99.1	99.2	99.1	99.2	99.4	99.5	100.1	100.3	100.7	101.0
Georgia	93.5	93.1	92.3	91.9	92.2	92.3	92.0	92.8	92.7	92.9	93.1	93.2
Hawaii	118.1	117.1	117.2	116.9	117.8	118.3	118.4	119.2	118.9	119.2	118.5	119.3
Idaho	95.2	94.8	93.5	93.3	93.4	93.2	93.6	93.3	92.2	91.7	92.0	92.2
Illinois	100.2	100.9	100.9	101.1	100.7	99.7	99.3	99.0	98.7	98.2	97.8	97.4
Indiana	91.2	91.4	91.4	91.7	91.4	91.3	90.8	90.1	89.7	89.6	89.2	88.7
Iowa	88.6	89.0	89.2	90.0	90.2	90.6	90.3	89.9	90.0	90.2	89.4	89.0
Kansas	89.3	89.6	89.9	90.7	90.6	91.3	90.9	90.2	90.1	90.0	90.0	89.2
Kentucky	88.9	88.7	88.6	88.6	88.8	89.3	88.3	88.7	87.5	87.1	87.5	87.4
Louisiana	90.7	91.4	91.2	91.0	91.4	91.2	90.9	90.5	89.9	88.9	88.5	87.9
Maine	98.0	98.1	96.8	97.4	98.4	98.5	98.0	99.1	99.4	99.6	100.6	99.3
Maryland	110.3	111.3	111.0	110.9	110.1	109.9	110.2	109.6	109.0	108.3	107.7	107.7
Massachusetts	108.3	108.0	108.0	107.8	106.6	106.7	107.3	107.6	109.2	109.6	110.3	110.4
Michigan	95.4	95.2	94.7	94.6	94.5	94.3	93.6	93.0	92.8	92.7	92.3	92.3

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**Table 14.02-- REGIONAL PRICE PARITIES (RPPs), ALL ITEMS, BY STATE, AND FOR HAWAII,
BY COMPONENT: 2008 TO 2019 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 1/	2018 1/	2019
Minnesota	97.4	97.7	97.1	97.2	97.6	97.5	97.5	97.2	97.8	98.2	97.7	98.0
Mississippi	86.4	85.8	86.7	86.8	86.5	87.2	86.2	86.2	86.0	84.8	85.6	84.4
Missouri	87.8	87.9	88.3	89.1	89.3	89.9	89.8	89.6	89.5	89.5	88.7	88.7
Montana	95.3	94.5	93.9	93.8	93.5	94.6	94.7	95.1	93.4	93.4	92.9	93.5
Nebraska	89.7	89.6	90.3	90.3	90.6	90.7	90.5	90.2	90.1	89.9	89.6	89.5
Nevada	100.8	100.7	99.9	99.8	98.7	98.7	97.5	97.3	96.0	95.8	96.8	97.4
New Hampshire	107.2	106.4	106.5	105.3	105.6	105.4	105.7	105.7	106.8	107.0	106.4	106.5
New Jersey	112.9	113.3	114.1	114.6	114.4	113.4	113.8	113.4	114.1	114.6	116.1	116.0
New Mexico	94.4	94.4	94.6	95.3	95.0	95.3	94.7	93.8	92.4	91.8	90.5	91.1
New York	115.1	115.3	115.2	115.2	115.3	115.2	115.7	115.8	116.4	116.3	116.7	116.3
North Carolina	92.0	92.1	91.3	91.5	91.7	91.8	91.4	91.2	91.3	91.5	91.7	91.7
North Dakota	88.5	89.0	89.2	89.7	91.0	91.7	91.6	92.0	91.4	90.6	90.7	89.3
Ohio	90.0	89.3	89.8	89.7	89.4	89.5	89.4	89.2	89.1	88.9	88.5	88.4
Oklahoma	88.9	89.5	89.6	89.6	89.9	90.0	89.5	89.8	88.7	88.0	87.7	87.2
Oregon	98.3	98.9	98.5	98.5	98.7	98.9	98.8	98.5	100.5	101.3	101.8	102.2
Pennsylvania	98.2	98.2	98.5	98.4	98.4	98.6	98.1	98.2	98.1	97.2	97.1	97.0
Rhode Island	100.2	100.0	99.1	99.4	98.8	98.8	99.8	99.9	100.6	99.8	99.9	101.3
South Carolina	91.1	91.5	90.4	90.8	90.8	90.5	90.0	90.3	90.7	90.6	91.0	91.5
South Dakota	86.9	85.8	86.9	87.3	88.9	88.0	88.0	88.0	88.3	88.7	88.1	87.8
Tennessee	90.5	90.5	90.2	90.3	90.8	90.7	89.8	89.9	89.6	89.1	89.3	89.7
Texas	96.5	96.4	96.3	96.2	96.2	96.3	96.5	96.7	96.6	96.5	96.5	96.5
Utah	96.8	97.8	96.9	97.2	97.1	97.7	96.8	96.4	96.0	95.3	96.0	96.5
Vermont	100.4	100.6	99.5	99.9	100.8	100.9	102.5	102.7	102.6	103.8	103.7	103.1
Virginia	102.8	103.5	103.1	103.0	103.0	102.8	102.7	102.6	102.2	101.6	101.6	101.3
Washington	103.2	103.7	103.0	102.9	103.5	104.2	104.9	105.2	106.1	107.5	108.6	108.4
West Virginia	87.0	87.5	88.4	88.5	88.6	88.6	88.2	88.7	87.8	87.2	87.7	87.1
Wisconsin	93.0	92.9	92.8	93.3	93.5	93.2	93.3	93.0	92.6	92.4	91.9	91.9
Wyoming	96.1	96.1	95.9	96.7	95.8	96.0	96.8	96.4	95.9	94.0	92.3	92.8

1/ Revised from previous *Data Book*

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (December 15, 2020) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed December 15, 2020. See also "Real Personal Income for States and Metropolitan Areas, 2019"

Table 14.03-- IMPLICIT REGIONAL PRICE DEFLATOR, BY STATE: 2008 TO 2019

[Calculated as personal income divided by real personal income. Base year is 2012]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 1/	2018 1/	2019
Alabama	82.3	82.1	84.0	85.8	87.9	88.8	89.4	89.3	89.3	90.3	92.5	93.9
Alaska	100.4	100.3	100.7	102.9	105.2	106.2	109.2	108.6	109.7	111.8	113.9	115.0
Arizona	94.5	93.9	94.1	95.9	97.0	97.6	98.5	98.8	99.4	101.3	103.9	105.4
Arkansas	81.7	81.3	83.7	85.8	87.6	88.8	89.2	89.8	90.0	90.5	91.3	92.6
California	106.2	105.9	108.5	111.0	112.7	114.4	116.7	117.0	119.0	122.3	125.3	127.3
Colorado	94.3	94.8	96.4	99.3	101.0	103.3	104.7	105.2	105.5	107.3	109.2	111.5
Connecticut	103.9	103.5	104.5	106.7	109.0	109.8	111.5	111.6	111.3	112.2	113.7	114.9
Delaware	95.8	96.8	98.2	99.7	101.1	101.8	103.8	102.9	103.8	105.4	106.4	108.7
Dist. of Col.	108.6	109.2	112.9	115.3	117.5	118.4	121.4	120.1	118.9	121.6	124.2	126.1
Florida	94.7	93.8	94.6	97.2	98.9	100.4	102.1	102.4	103.8	105.9	108.6	110.5
Georgia	87.9	87.3	88.1	90.0	92.0	93.4	94.5	95.4	96.2	98.1	100.3	102.0
Hawaii	110.9	109.8	111.9	114.5	117.6	119.7	121.5	122.6	123.4	125.9	127.7	130.5
Idaho	89.4	88.9	89.3	91.4	93.2	94.3	96.1	96.0	95.7	96.9	99.2	100.8
Illinois	94.1	94.7	96.3	99.0	100.5	100.9	101.9	101.8	102.4	103.7	105.4	106.5
Indiana	85.7	85.7	87.3	89.8	91.2	92.4	93.3	92.7	93.1	94.6	96.1	97.0
Iowa	83.2	83.5	85.2	88.1	90.0	91.7	92.8	92.5	93.4	95.2	96.3	97.4
Kansas	83.9	84.1	85.9	88.8	90.5	92.3	93.3	92.7	93.5	95.1	97.0	97.6
Kentucky	83.5	83.2	84.6	86.7	88.7	90.3	90.6	91.2	90.8	92.0	94.3	95.6
Louisiana	85.2	85.7	87.1	89.1	91.2	92.2	93.3	93.1	93.3	93.9	95.4	96.1
Maine	92.0	92.0	92.5	95.3	98.2	99.6	100.7	101.9	103.1	105.1	108.5	108.6
Maryland	103.6	104.4	106.0	108.6	109.9	111.2	113.2	112.8	113.1	114.4	116.0	117.8
Massachusetts	101.7	101.3	103.1	105.5	106.4	107.9	110.1	110.6	113.3	115.7	118.9	120.7
Michigan	89.6	89.3	90.4	92.6	94.3	95.4	96.1	95.7	96.3	97.9	99.5	100.9
Minnesota	91.4	91.7	92.8	95.2	97.4	98.7	100.1	100.0	101.5	103.7	105.3	107.2
Mississippi	81.1	80.5	82.8	85.0	86.4	88.2	88.5	88.6	89.2	89.6	92.2	92.4
Missouri	82.5	82.4	84.3	87.2	89.2	91.0	92.2	92.1	92.9	94.5	95.6	97.0
Montana	89.5	88.6	89.7	91.8	93.4	95.7	97.2	97.8	97.0	98.7	100.1	102.3

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Table 14.03-- IMPLICIT REGIONAL PRICE DEFLATOR, BY STATE: 2008 TO 2019 -- Con.

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 1/	2018 1/	2019
Nebraska	84.2	84.1	86.2	88.4	90.5	91.8	92.9	92.7	93.5	94.9	96.5	97.9
Nevada	94.6	94.4	95.4	97.7	98.6	99.8	100.1	100.0	99.6	101.2	104.3	106.5
New Hampshire	100.7	99.8	101.7	103.1	105.4	106.7	108.6	108.8	110.8	113.0	114.7	116.5
New Jersey	106.0	106.3	108.9	112.2	114.2	114.8	116.8	116.6	118.4	121.0	125.1	126.8
New Mexico	88.7	88.6	90.4	93.3	94.9	96.4	97.3	96.5	95.9	97.0	97.6	99.6
New York	108.1	108.2	110.1	112.8	115.2	116.5	118.8	119.1	120.8	122.8	125.7	127.3
North Carolina	86.4	86.4	87.2	89.5	91.5	92.9	93.8	93.8	94.7	96.7	98.9	100.3
North Dakota	83.1	83.5	85.2	87.9	90.8	92.8	94.1	94.6	94.8	95.7	97.8	97.7
Ohio	84.5	83.7	85.7	87.8	89.2	90.6	91.8	91.8	92.5	93.9	95.4	96.7
Oklahoma	83.5	84.0	85.6	87.7	89.8	91.0	91.9	92.4	92.0	92.9	94.6	95.4
Oregon	92.3	92.8	94.1	96.5	98.5	100.1	101.5	101.3	104.3	107.0	109.8	111.8
Pennsylvania	92.2	92.1	94.1	96.3	98.3	99.8	100.8	101.0	101.8	102.6	104.7	106.1
Rhode Island	94.1	93.8	94.7	97.3	98.6	99.9	102.5	102.7	104.4	105.4	107.6	110.9
South Carolina	85.6	85.8	86.4	88.9	90.7	91.6	92.4	92.9	94.1	95.7	98.1	100.0
South Dakota	81.6	80.5	83.0	85.4	88.7	89.0	90.4	90.5	91.6	93.7	95.0	96.0
Tennessee	85.0	84.9	86.1	88.4	90.6	91.8	92.2	92.4	93.0	94.1	96.2	98.1
Texas	90.6	90.5	91.9	94.2	96.0	97.4	99.1	99.5	100.3	101.9	103.9	105.6
Utah	91.0	91.7	92.5	95.2	97.0	98.8	99.4	99.2	99.7	100.6	103.5	105.5
Vermont	94.3	94.4	95.0	97.8	100.7	102.1	105.3	105.7	106.5	109.6	111.7	112.8
Virginia	96.6	97.1	98.4	100.9	102.8	104.0	105.5	105.5	106.0	107.3	109.5	110.8
Washington	97.0	97.3	98.4	100.7	103.3	105.4	107.7	108.2	110.1	113.5	117.0	118.6
West Virginia	81.7	82.1	84.4	86.7	88.4	89.6	90.6	91.2	91.1	92.1	94.5	95.2
Wisconsin	87.3	87.1	88.6	91.3	93.4	94.3	95.8	95.6	96.1	97.6	99.0	100.5
Wyoming	90.3	90.1	91.6	94.7	95.6	97.1	99.4	99.1	99.5	99.2	99.5	101.5

1/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (December 15, 2020) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed December 15, 2020. See also "Real Personal Income for States and Metropolitan Areas, 2019"

**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS,
ALL ITEMS, FOR URBAN HAWAII AND UNITED STATES: 1940 TO 2020**

[1982-1984 average = 100. Excludes rent before 1963]

Year	Urban Hawaii 1/		United States		Year	Urban Hawaii 1/		United States	
	Annual average	Percent chg. 2/	Annual average	Percent chg. 2/		Annual average	Percent chg. 2/	Annual average	Percent chg. 2/
1940	14.7	(X)	14.0	0.7	1981	91.7	10.5	90.9	10.3
1941	15.5	5.4	14.7	5.0	1982	97.2	6.0	96.5	6.2
1942	17.6	13.5	16.3	10.9	1983	99.3	2.2	99.6	3.2
1943	18.9	7.4	17.3	6.1	1984	103.5	4.2	103.9	4.3
1944	19.2	1.6	17.6	1.7	1985	106.8	3.2	107.6	3.6
1945	19.7	2.6	18.0	2.3	1986	109.4	2.4	109.6	1.9
1946	21.0	6.6	19.5	8.3	1987	114.9	5.0	113.6	3.6
1947	24.4	16.2	22.3	14.4	1988	121.7	5.9	118.3	4.1
1948	25.7	5.3	24.1	8.1	1989	128.7	5.8	124.0	4.8
1949	25.2	-1.9	23.8	-1.2	1990	138.1	7.3	130.7	5.4
1950	24.3	-3.6	24.1	1.3	1991	148.0	7.2	136.2	4.2
1951	25.7	5.8	26.0	7.9	1992	155.1	4.8	140.3	3.0
1952	26.5	3.1	26.5	1.9	1993	160.1	3.2	144.5	3.0
1953	26.7	0.8	26.7	0.8	1994	164.5	2.7	148.2	2.6
1954	26.9	0.7	26.9	0.7	1995	168.1	2.2	152.4	2.8
1955	27.3	1.5	26.8	-0.4	1996	170.7	1.5	156.9	3.0
1956	27.7	1.5	27.2	1.5	1997	171.9	0.7	160.5	2.3
1957	28.6	3.2	28.1	3.3	1998	171.5	-0.2	163.0	1.6
1958	30.0	4.9	28.9	2.8	1999	173.3	1.0	166.6	2.2
1959	30.5	1.7	29.1	0.7	2000	176.3	1.7	172.2	3.4
1960	31.3	2.6	29.6	1.7	2001	178.4	1.2	177.1	2.8
1961	32.1	2.6	29.9	1.0	2002	180.3	1.1	179.9	1.6
1962	32.8	2.2	30.2	1.0	2003	184.5	2.3	184.0	2.3
1963	33.5	2.1	30.6	1.3	2004	190.6	3.3	188.9	2.7
1964	33.7	0.6	31.0	1.3	2005	197.8	3.8	195.3	3.4
1965	34.4	2.1	31.5	1.6	2006	209.4	5.9	201.6	3.2
1966	35.3	2.6	32.4	2.9	2007	219.504	4.8	207.342	2.8
1967	36.3	2.8	33.4	3.1	2008	228.861	4.3	215.303	3.8
1968	37.7	3.9	34.8	4.2	2009	230.048	0.5	214.537	-0.4
1969	39.4	4.5	36.7	5.5	2010	234.869	2.1	218.056	1.6
1970	41.5	5.3	38.8	5.7	2011	243.622	3.7	224.939	3.2
1971	43.2	4.1	40.5	4.4	2012	249.474	2.4	229.594	2.1
1972	44.6	3.2	41.8	3.2	2013	253.924	1.8	232.957	1.5
1973	46.6	4.5	44.4	6.2	2014	257.589	1.4	236.736	1.6
1974	51.5	10.5	49.3	11.0	2015	260.165	1.0	237.017	0.1
1975	56.3	9.3	53.8	9.1	2016	265.283	2.0	240.007	1.3
1976	59.1	5.0	56.9	5.8	2017	272.014	2.5	245.120	2.1
1977	62.1	5.1	60.6	6.5	2018	277.078	1.9	251.107	2.4
1978	66.9	7.7	65.2	7.6	2019	281.585	1.6	255.657	1.8
1979	74.3	11.1	72.6	11.3	2020	286.008	1.6	258.811	1.2
1980	83.0	11.7	82.4	13.5					

Continued on next page.

**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS,
ALL ITEMS, FOR URBAN HAWAII AND UNITED STATES:
1940 TO 2020 -- Con.**

X Not applicable.

1/ U.S. Bureau of Labor Statistics introduced a new geographic area sample in January 2018 and expanded compilation from semi-annual to bimonthly and changed the name from 'Honolulu' to 'Urban Hawaii'.

Despite the name change, the index still consists of Honolulu in the State of Hawaii.

See also "Consumer Price Index Geographic Revision for 2018"

<<https://www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm>> accessed January 12, 2019.

2/ Percent change from previous year.

Source: Surveys by Eugene Danaher and Hawaii State Department of Labor and Industrial Relations, cited in Hawaii State Department of Planning and Economic Development, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base; U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Urban Hawaii and the United States <<http://www.bls.gov/cpi/home.htm>> accessed January 13, 2021.

Table 14.05-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR URBAN HAWAII: SEMI-ANNUAL AND ANNUAL AVERAGE, 2007 TO 2020

[U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007, introduced a new geographic area sample in January 2018 and expanded compilation from semi-annual to bimonthly and changed the name from 'Honolulu' to 'Urban Hawaii'. Despite the name change, the index still consists of Honolulu in the State of Hawaii. See also "Consumer Price Index Geographic Revision for 2018" <<https://www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm>> accessed January 12, 2019]

Year	All urban consumers (CPI-U)			Urban wage earners and clerical workers (CPI-W)		
	Annual average	First half	Second half	Annual average	First half	Second half
Index number, 1982-1984 = 100						
2007	219.504	216.620	222.388	218.541	215.681	221.401
2008	228.861	227.334	230.387	228.344	226.738	229.950
2009	230.048	228.070	232.026	228.773	226.462	231.084
2010	234.869	233.822	235.916	234.020	233.089	234.951
2011	243.622	241.902	245.342	242.532	240.874	244.190
2012	249.474	248.646	250.303	248.569	248.003	249.135
2013	253.924	253.202	254.646	252.178	251.663	252.694
2014	257.589	255.989	259.190	254.757	253.417	256.098
2015	260.165	257.848	262.482	255.969	254.057	257.881
2016	265.283	264.038	266.528	260.326	258.879	261.772
2017	272.014	270.738	273.290	267.115	265.787	268.444
2018	277.078	275.196	278.960	273.483	271.610	275.355
2019	281.585	280.666	282.503	277.928	276.793	279.063
2020	286.008	285.086	286.931	283.176	282.315	284.037
Percentage change 1/						
2007	4.8	5.0	4.8	4.8	4.9	4.7
2008	4.3	4.9	3.6	4.5	5.1	3.9
2009	0.5	0.3	0.7	0.2	-0.1	0.5
2010	2.1	2.5	1.7	2.3	2.9	1.7
2011	3.7	3.5	4.0	3.6	3.3	3.9
2012	2.4	2.8	2.0	2.5	3.0	2.0
2013	1.8	1.8	1.7	1.5	1.5	1.4
2014	1.4	1.1	1.8	1.0	0.7	1.3
2015	1.0	0.7	1.3	0.5	0.3	0.7
2016	2.0	2.4	1.5	1.7	1.9	1.5
2017	2.5	2.5	2.5	2.6	2.7	2.5
2018	1.9	1.6	2.1	2.4	2.2	2.6
2019	1.6	2.0	1.3	1.6	1.9	1.3
2020	1.6	1.6	1.6	1.9	2.0	1.8

1/ From same period in previous year.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) and Consumer Price Index-Urban Wage Earners and Clerical Workers (CPI-W), All Items <<http://www.bls.gov/cpi/home.htm>> and, for 2009 to 2020, <https://www.bls.gov/regions/west/data/cpi_tables.pdf> accessed January 13, 2021.

**Table 14.06-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U),
BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP,
FOR URBAN HAWAII: ANNUAL AVERAGE, 2017 TO 2020**

[Unless otherwise specified, 1982-1984 =100. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007, introduced a new geographic area sample in January 2018 and expanded release from semi-annual to bimonthly, added component detail, and changed the name from 'Honolulu' to 'Urban Hawaii'. Despite the name change, the index still consists of Honolulu in the State of Hawaii. See also "Consumer Price Index Geographic Revision for 2018" <<https://www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm>>]

Group	2017	2018	2019	2020
All items	272.014	277.078	281.585	286.008
Food and beverages	277.301	281.796	287.622	301.370
Food	278.202	282.565	288.541	302.024
Food at home	273.253	273.914	276.432	295.849
Cereals and bakery products	320.545	314.378	310.230	323.041
Meats, poultry, fish, and eggs	248.262	255.360	257.442	273.842
Dairy and related products	230.573	226.558	236.764	244.631
Fruits and vegetables	339.571	334.659	342.584	372.534
Other food at home	263.614	264.316	262.397	285.187
Food away from home	277.624	285.602	295.250	301.157
Nonalc. bev. & bev. materials 1/	328.258	337.736	344.405	372.005
Alcoholic beverages	260.376	267.326	270.301	(NA)
Housing	294.510	300.679	307.889	314.089
Shelter	322.017	327.066	335.875	344.244
Rent of primary residence	313.704	319.242	325.794	341.571
Owners' equiv. rent of residences 2/	335.159	339.871	349.297	354.081
Owners' equiv. rent of prim. res. 2/	335.159	339.871	349.297	354.081
Fuel and utilities	334.333	362.400	368.109	358.312
Household energy 3/	263.579	295.374	293.676	272.792
Energy services 4/	259.124	290.309	288.611	267.984
Electricity	256.980	287.790	285.442	265.360
Utility (piped) gas service	252.444	286.182	300.105	271.268
Household furnishings & operation	146.275	146.797	146.721	150.351
Household furn. and supplies 5/	85.087	84.020	83.947	85.154
Apparel	115.762	110.259	114.795	113.298
Transportation	217.646	227.694	223.689	212.767
Private transportation	213.267	224.967	223.651	215.510
Transp. comm. less motor fuel 5/	105.172	103.337	101.804	101.798
New and used motor vehicles 6/	108.973	107.442	104.538	102.827
New vehicles 1/	174.289	170.179	166.341	164.771
Used cars and trucks 1/	239.014	240.659	241.524	247.692
Motor fuel	227.755	265.785	262.456	240.369
Gasoline (all types)	233.622	272.733	269.292	246.639
Gasoline, unleaded regular 7/	244.414	285.428	280.961	255.269
Gasoline, unleaded midgrade 7/ 8/	189.983	224.844	225.556	217.791
Gasoline, unleaded premium 7/	212.037	246.398	246.794	232.371
Motor vehicle insurance 1/	440.209	471.363	484.605	450.955

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Table 14.06-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR URBAN HAWAII: ANNUAL AVERAGE, 2017 TO 2020 -- Con.

Group	2017	2018	2019	2020
Medical care	407.384	(NA)	(NA)	(NA)
Recreation 8/	125.781	128.651	130.977	135.660
Education and communication 6/	144.410	142.193	143.547	147.241
Educ. and comm. commodities 5	73.630	74.451	70.246	65.031
Educ. and comm. services 5/	119.986	117.796	119.749	124.168
Tuition, other sch. fees, & childcare 1/	1,727.619	(NA)	1,773.925	1,805.277
Other goods and services	488.990	497.228	504.378	498.753
Other goods 5/	119.212	117.907	117.856	114.363
Other personal services 5/	123.163	128.386	131.774	132.098
Commodity and service group				
All items	272.014	277.078	281.585	286.008
Commodities	201.985	204.871	206.547	209.123
Commodities less food & bev.	155.984	157.835	157.421	153.792
Nondurables less food & bev.	193.660	199.273	199.496	192.360
Durables	114.055	112.614	111.732	111.044
Services	332.966	340.140	347.082	353.103
Special aggregate indexes				
All items less shelter	250.295	255.550	257.895	260.333
All items less medical care	264.714	269.515	273.841	278.061
All items less energy	275.658	278.742	283.781	289.805
All items less food and energy	276.976	279.886	284.780	289.337
Energy	242.100	276.671	274.053	253.187
Commodities less food	159.942	161.936	161.599	158.614
Nondurables less food	197.834	203.537	203.900	198.430
Nondurables	236.927	242.000	245.100	249.431
Services less rent of shelter 2/	345.072	355.547	359.254	361.245
Services less medical care services	325.378	332.290	339.015	344.333

NA Not available.

1/ Indexes on a December 1977=100 base.

2/ Indexes on a December 1982=100 base.

3/ Historically and as returned via the online database called 'Fuels'.

4/ Historically and as returned via the online database called 'Gas (piped) and electricity'.

5/ Indexes on a December 2009=100 base.

6/ Indexes on a December 1997=100 base.

7/ Special index based on a substantially smaller sample.

8/ Indexes on a December 1993=100 base.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) All Items Multi-screen <<https://www.bls.gov/cpi/data.htm>> accessed January 13, 2021.

Table 14.07-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR HONOLULU AND THE UNITED STATES: DECEMBER 2019 AND 2020

[Percent of all items. 2019 and 2020 based on the 2017-2018 weights in the Consumer Expenditure Survey. See also "Archived Relative Importance of Components in the Consumer Price Indexes" <<https://www.bls.gov/cpi/tables/relative-importance/home.htm>>]

Group	2019 CPI-U		2020 CPI-U	
	Honolulu	United States	Honolulu	United States
Relative importance of area	0.470	100.000	0.469	100.000
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	16.702	14.794	17.366	15.157
Food	15.771	13.771	16.372	14.119
Food at home	8.410	7.579	9.055	7.772
Cereals and bakery products	(NA)	0.984	(NA)	1.001
Meats, poultry, fish, and eggs	(NA)	1.682	(NA)	1.736
Meats, poultry, and fish	(NA)	1.581	(NA)	1.637
Dairy and related products	(NA)	0.768	(NA)	0.792
Fruits and vegetables	(NA)	1.317	(NA)	1.341
Other food at home	(NA)	1.925	(NA)	1.972
Food away from home	7.361	6.191	7.317	6.347
Alcoholic beverages	0.932	1.023	0.993	1.038
Housing	48.932	42.107	48.639	42.385
Shelter	41.335	33.158	41.221	33.316
Rent of primary residence	9.515	73.792	9.624	7.862
Tenants' and household insurance	(NA)	0.371	(NA)	0.366
Owners' equivalent rent of residences	30.874	24.071	30.556	24.263
Owners' equivalent rent of primary res.	30.613	22.864	30.298	23.044
Lodging away from home	(NA)	0.924	(NA)	0.825
Fuels and utilities	4.357	4.349	4.134	4.387
Household energy	2.493	3.266	2.270	3.280
Fuel oil and other fuels	(NA)	0.170	(NA)	0.145
Fuel oil	(NA)	0.106	(NA)	0.084
Propane, kerosene, and firewood	(NA)	0.063	(NA)	0.061
Energy services 1/	2.465	3.096	2.244	3.135
Electricity	2.359	2.405	2.146	2.425
Utility (piped) gas service	0.107	0.691	0.098	0.710
Water & sewer & trash collection serv.	(NA)	1.083	(NA)	1.107
Household furnishings and operations	3.240	4.600	3.284	4.682

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Table 14.07-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR HONOLULU AND THE UNITED STATES: DECEMBER 2019 AND 2020 -- Con.

Group	2019 CPI-U		2020 CPI-U	
	Honolulu	United States	Honolulu	United States
EXPENDITURE CATEGORY -- Con.				
Apparel	2.674	2.810	2.485	2.663
Men's and boys' apparel	(NA)	0.697	(NA)	0.666
Women's and girls' apparel	(NA)	1.158	(NA)	1.075
Footwear	(NA)	0.668	(NA)	0.644
Infants' and toddlers' apparel	(NA)	0.133	(NA)	0.125
Jewelry and watches	(NA)	0.154	(NA)	0.153
Transportation	11.804	15.738	11.393	15.160
Private transportation	10.619	14.465	10.292	14.055
Motor fuel	2.999	3.440	2.608	2.875
Gasoline (all types)	2.991	3.362	2.600	2.811
Public transportation 2/	1.185	1.274	1.101	1.105
Medical care	6.939	8.833	6.958	8.870
Medical care commodities 3/	1.202	1.643	1.124	1.580
Medical care services 3/	5.737	7.190	5.834	7.289
Recreation	4.755	5.821	4.827	5.797
Education and communication	5.868	6.770	6.023	6.810
Other goods and services	2.325	3.127	2.309	3.159
Personal care	(NA)	2.540	(NA)	2.551
COMMODITY AND SERVICE GROUP 4/				
All items	100.000	100.000	100.000	100.000
Commodities	33.449	37.518	33.529	37.339
Commodities less food and beverages	16.747	22.724	16.164	22.182
Nondurables less food and beverages	9.757	12.045	9.062	11.241
Durables	6.990	10.679	7.102	10.942
Services	66.551	62.482	66.471	62.661

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Table 14.07-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR HONOLULU AND THE UNITED STATES: DECEMBER 2018 AND 2019 -- Con.

Group	2019 CPI-U		2020 CPI-U	
	Honolulu	United States	Honolulu	United States
SPECIAL AGGREGATE INDEXES 4/				
All items less shelter	58.665	66.842	58.779	66.684
All items less medical care	93.061	91.167	93.042	91.130
All items less energy	94.508	93.294	95.122	93.845
All items less food and energy	78.737	79.524	78.750	79.726
Energy	5.492	6.706	4.878	6.155
Commodities less food	17.679	23.747	17.157	23.220
Nondurables less food	10.689	13.068	10.056	12.278
Nondurables	26.459	26.838	26.428	26.397
Services less rent of shelter	25.450	29.696	25.483	29.711
Rent of shelter 5/	41.101	32.787	40.988	32.950
Services less medical care services	60.814	55.292	60.637	55.372

NA Not available.

1/ Until December 2010, called "Gas (piped) and electricity".

2/ For Honolulu, calculated as "Transportation" less "Private transportation".

3/ For Honolulu, "Medical care services " is calculated as "Services" less "Services less medical care services". Then "Medical care commodities" is calculated as "Medical care" less "Medical care services".

4/ The two U.S.-level categories are published in a single "Special aggregate indexes" category.

5/ For Honolulu, calculated as "Services" less "Services less rent of shelter".

Source: U.S. Bureau of Labor Statistics, "Relative Importance of Components in the Consumer Price Indexes" (annual) tables 1, 2, and 7 <<https://www.bls.gov/cpi/tables/relative-importance/home.htm>> accessed June 29, 2021.

Table 14.08-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO: 2019

[Data based on sample. Rank of 1 indicates highest percentage. Areas sorted in order of highest rank in 2019]

Area	Amount (dollars)	Percentage of household income in past 12 months		Area	Amount (dollars)	Percentage of household income in past 12 months	
		Number	Rank			Number	Rank
United States	1,097	29.3	(X)				
Florida	1,238	33.1	1	Tennessee	904	28.5	26
Hawaii	1,651	32.0	2	New Mexico	847	28.4	27
Vermont	980	32.0	2	North Carolina	931	28.4	27
California	1,614	31.7	4	Virginia	1,254	28.3	29
Louisiana	866	31.2	5	West Virginia	727	28.2	30
Nevada	1,168	30.5	6	Illinois	1,020	28.1	31
Puerto Rico	482	30.5	(X)	Indiana	840	28.1	31
New York	1,309	30.1	7	Maine	870	28.1	31
Colorado	1,369	30.0	8	Idaho	880	28.0	34
Maryland	1,401	29.9	9	Montana	831	27.9	35
Delaware	1,116	29.7	10	Utah	1,098	27.7	36
Connecticut	1,177	29.6	11	Alaska	1,201	27.6	37
New Jersey	1,376	29.6	11	Minnesota	1,016	27.6	37
Massachusetts	1,360	29.5	13	Missouri	834	27.5	39
Rhode Island	1,043	29.5	13	Wyoming	822	27.3	40
Oregon	1,185	29.4	15	Arkansas	742	27.2	41
Georgia	1,049	29.3	16	Ohio	813	27.2	41
Mississippi	777	29.2	17	Oklahoma	814	27.2	41
Texas	1,091	29.2	17	Dist. of Columbia	1,603	27.1	44
Michigan	888	29.0	19	Kentucky	773	27.0	45
South Carolina	922	29.0	19	Wisconsin	867	26.8	46
Washington	1,359	29.0	19	Iowa	808	26.5	47
New Hampshire	1,147	28.9	22	Kansas	862	26.4	48
Alabama	807	28.7	23	Nebraska	859	26.3	49
Arizona	1,101	28.6	24	South Dakota	769	25.2	50
Pennsylvania	951	28.6	24	North Dakota	804	24.1	51

X Not applicable.

Source: U.S. Census Bureau, 2018 American Community Survey 1-Year Estimates for the United States and all states, B25064: "Median Gross Rent (Dollars) Universe: Renter-occupied housing units paying cash rent" and B25071: "Median Gross Median Gross Rent as a Percentage of Household Income in the Past 12 Months (Dollars) Universe: Renter-occupied housing units paying cash rent" <<http://data.census.gov/>> accessed June 21, 2021 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.09-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, HAWAII AND THE UNITED STATES: 2017 TO 2019

[Data based on a sample]

Category	Hawaii	United States
Specified owner-occupied		
2017	268,078	76,684,018
2018	265,364	77,708,394
2019	279,960	78,724,862
Specified owner-occupied with a mortgage		
2017: Number	172,214	48,168,243
Percent	64.2	62.8
2018: Number	170,872	48,126,102
Percent	64.4	61.9
2019: Number	180,304	48,603,972
Percent	64.4	61.7
Specified owner-occupied without a mortgage		
2017: Number	95,864	28,515,775
Percent	35.8	37.2
2018: Number	94,492	29,582,292
Percent	35.6	38.1
2019: Number	99,656	30,120,890
Percent	35.6	38.3
Median selected monthly owner costs (in dollars)		
With a mortgage: 2017	2,337	1,513
2018	2,354	1,566
2019	2,472	1,609
Without a mortgage: 2017	497	475
2018	519	498
2019	542	505
Median selected monthly owner costs as a percentage of household income		
With a mortgage: 2017	25.5	21.2
2018	25.3	21.2
2019	26.4	20.8
Without a mortgage: 2017	(1/)	11.3
2018	(1/)	11.5
2019	(1/)	10.8

1/ The median falls in the lowest interval of an open-ended distribution.

Source: U.S. Census Bureau, American Community Survey 2019 1-Year Estimates for the United States and Hawaii, Universe: Owner-occupied housing units "B25081 Mortgage Status" (annual), "B25088 Median Selected Monthly Owner Costs (Dollars) by Mortgage Status" (annual), and "B25092 Median Selected Monthly Owner Costs as a Percentage of Household Income in the Past 12 Months" (annual) <<http://data.census.gov/>> accessed June 21, 2021; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.10-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO: 2018 AND 2019

[In dollars and percent. Data based on a sample]

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	2018	2019	2018	2019	2018	2019	2018	2019
United States	1,566	1,609	498	505	21.2	20.8	11.5	10.8
Alabama	1,164	1,172	360	362	19.1	18.9	(1/)	(1/)
Alaska	1,895	1,882	549	577	22.0	21.7	(1/)	(1/)
Arizona	1,417	1,457	410	421	21.0	20.6	(1/)	(1/)
Arkansas	1,071	1,094	355	348	18.6	18.7	(1/)	(1/)
California	2,345	2,421	596	622	25.2	24.7	11.1	10.5
Colorado	1,741	1,845	470	495	21.3	21.5	(1/)	(1/)
Connecticut	2,056	2,087	887	912	22.6	22.4	14.7	14.2
Delaware	1,566	1,557	473	463	22.0	20.2	10.2	(1/)
Dist. Of Col.	2,506	2,684	681	720	20.2	21.0	(1/)	(1/)
Florida	1,471	1,530	495	512	22.9	22.7	12.1	11.5
Georgia	1,395	1,450	422	431	19.8	19.9	10.0	(1/)
Hawaii	2,354	2,472	519	542	25.3	26.4	(1/)	(1/)
Idaho	1,249	1,306	369	380	20.9	20.2	(1/)	(1/)
Illinois	1,665	1,688	634	641	21.3	20.6	13.0	12.2
Indiana	1,118	1,146	409	416	18.3	18.0	(1/)	(1/)
Iowa	1,234	1,266	484	503	18.9	18.7	11.4	11.1
Kansas	1,364	1,387	514	513	19.6	19.0	11.9	11.1
Kentucky	1,164	1,179	379	372	19.1	18.9	10.5	(1/)
Louisiana	1,254	1,279	343	342	19.7	19.2	(1/)	(1/)
Maine	1,349	1,387	487	510	20.8	20.6	12.3	12.4
Maryland	1,955	2,015	619	613	21.4	21.0	10.3	(1/)
Massachusetts	2,207	2,276	817	828	22.5	22.1	14.5	13.2
Michigan	1,270	1,285	484	487	19.3	19.2	12.0	11.3
Minnesota	1,559	1,595	534	552	19.7	19.3	10.8	10.4
Mississippi	1,132	1,149	350	352	19.6	19.7	10.5	10.0
Missouri	1,249	1,271	450	446	19.2	19.0	11.4	10.5
Montana	1,413	1,466	441	450	22.2	21.8	10.5	10.5
Nebraska	1,353	1,427	523	535	19.2	19.4	11.9	11.2
Nevada	1,528	1,589	419	423	22.2	21.8	(1/)	(1/)

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Table 14.10-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO: 2018 AND 2019 -- Con.

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	2018	2019	2018	2019	2018	2019	2018	2019
New Hampshire	1,892	1,963	795	819	22.6	22.1	14.9	14.3
New Jersey	2,398	2,413	1,030	1,043	24.0	23.3	16.0	15.0
New Mexico	1,234	1,269	345	350	21.9	21.1	(1/)	(1/)
New York	2,098	2,156	777	781	22.7	22.1	13.6	12.8
North Carolina	1,284	1,318	400	398	19.7	19.3	10.6	(1/)
North Dakota	1,425	1,430	466	489	18.8	18.4	(1/)	(1/)
Ohio	1,248	1,250	476	478	19.1	18.5	11.5	10.9
Oklahoma	1,214	1,231	398	403	19.3	18.9	10.5	(1/)
Oregon	1,690	1,750	538	557	22.8	22.4	11.7	11.6
Pennsylvania	1,451	1,477	532	534	20.1	19.6	12.6	11.6
Rhode Island	1,830	1,837	715	736	23.2	22.4	14.1	12.8
South Carolina	1,225	1,250	371	372	20.0	19.2	10.2	(1/)
South Dakota	1,301	1,371	477	490	19.9	19.7	11.1	10.5
Tennessee	1,228	1,264	384	387	19.8	19.4	(1/)	(1/)
Texas	1,603	1,675	510	527	21.2	20.9	11.5	11.0
Utah	1,531	1,605	419	431	20.8	20.7	(1/)	(1/)
Vermont	1,560	1,606	656	668	22.6	22.0	15.5	14.0
Virginia	1,752	1,792	478	478	21.1	20.5	10.3	(1/)
Washington	1,883	1,951	597	604	22.5	22.4	11.7	10.6
West Virginia	1,001	1,052	329	321	18.5	17.8	10.0	(1/)
Wisconsin	1,387	1,412	540	545	19.8	19.4	12.3	11.4
Wyoming	1,440	1,417	423	419	20.3	19.5	(1/)	(1/)
Puerto Rico	851	828	155	142	27.1	26.4	(1/)	(1/)

1/ The median falls in the lowest interval of an open-ended distribution.

Source: U.S. Census Bureau, 2019 American Community Survey 1-Year Estimates for the United States and Hawaii, Universe: Owner-occupied housing units "B25088 Median Selected Monthly Owner Costs (Dollars) by Mortgage Status" (annual), and "B25092 Median Selected Monthly Owner Costs as a Percentage of Household Income in the Past 12 Months" (annual) <<http://data.census.gov/>> accessed June 21, 2021.

Table 14.11-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2020

[In percent change from previous period and number. Period ending 2020 4th quarter unless otherwise indicated. The House Price Index is based on transactions involving conforming, conventional mortgages purchased or securitized by Fannie Mae or Freddie Mac. The HPI is a broad measure of the movement of single-family house prices. It serves as a timely, accurate indicator of house price trends at various geographic levels. The HPI is a weighted, repeat-sales index, meaning that it measures average price changes in repeat sales or refinancings on the same properties]

State	One-year 1/ (percent)	Rank 2/	Five-year (percent)	Since 1991, 1st quarter (percent)
United States 3/	10.77	(X)	38.99	205.12
Idaho	21.08	1	82.52	353.82
Montana	15.50	2	42.62	383.60
Utah	15.39	3	61.40	414.95
Arizona	14.11	4	54.71	295.50
Connecticut	14.10	5	23.07	100.88
Washington	13.70	6	62.16	345.42
Rhode Island	13.59	7	44.49	180.07
Maine	13.53	8	43.26	204.55
New Hampshire	13.50	9	42.20	204.03
Indiana	12.34	10	44.05	152.97
Ohio	12.21	11	41.61	141.26
Nebraska	11.99	12	38.23	207.82
New Mexico	11.62	13	34.29	186.19
New Jersey	11.57	14	29.48	177.91
Oregon	11.54	15	47.37	399.70
California	11.39	16	41.28	227.56
North Carolina	11.38	17	43.12	187.87
Georgia	11.35	18	46.22	186.24
Tennessee	11.30	19	47.43	215.28
Vermont	11.29	20	29.35	174.36
Massachusetts	11.16	21	38.69	235.63
Florida	11.01	22	49.69	262.75
Michigan	10.99	23	43.96	168.30
Pennsylvania	10.78	24	32.96	163.02
Kansas	10.76	25	35.91	185.16
Kentucky	10.74	26	34.80	178.38
Colorado	10.67	27	51.39	437.25
Alabama	10.65	28	35.60	160.32
New York	10.53	29	34.54	182.93
Mississippi	10.39	30	23.33	134.38
Wisconsin	10.26	31	40.08	206.60

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Table 14.11-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2020 -- Con.

State	One-year 1/ (percent)	Rank 2/	Five-year (percent)	Since 1991, 1st quarter (percent)
Arkansas	10.26	32	28.00	151.50
Maryland	10.20	33	27.74	182.84
Nevada	10.17	34	55.90	202.38
Virginia	10.01	35	31.62	199.10
Missouri	9.97	36	38.02	178.79
South Carolina	9.86	37	39.27	185.35
Minnesota	9.38	38	37.32	231.46
Texas	8.85	39	37.66	228.88
Oklahoma	8.59	40	25.00	174.61
Delaware	8.49	41	26.56	137.98
Wyoming	8.44	42	23.18	293.71
Iowa	8.17	43	25.59	174.45
Alaska	8.17	44	16.35	187.48
South Dakota	7.96	45	32.86	241.32
West Virginia	7.95	46	15.25	139.02
Illinois	7.68	47	22.84	123.30
North Dakota	6.69	48	14.14	241.46
Hawaii	6.14	49	27.51	183.27
Louisiana	5.86	50	19.11	204.14
District of Columbia	1.48	51	28.87	488.22

X Not applicable.

1/ One-year changes are relative to the value four quarters ago.

2/ Rank based on one-year appreciation. The lower the rank, the higher the appreciation.

3/ United States figures based on weighted average of nine Census Divisions.

Source: Federal Housing Finance Agency (FHFA) "U.S. House Prices Rise 10.8 Percent over the Last Year; Up 3.8 Percent in the Fourth Quarter" pp. 16-17 (February 23, 2021)

<<https://www.fhfa.gov/DataTools/Downloads/Pages/House-Price-Index.aspx>> accessed February 23, 2021.

Table 14.12-- COST OF LIVING ANALYSES FOR HONOLULU AND THE UNITED STATES AVERAGE: JULY 1, 2012

[This formulation assumed consumption patterns vary according to earnings level. It compares the 'base city' to a the 'destination' using the same pattern but at the destination's prices. This profiles a cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations for a family of 4, annual earnings of \$76,000, a 2,000 sq. ft. home, with 3 vehicles having a total value \$30,000 and driven a total of 30,000 miles annually. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the Bureau of Labor Statistics discontinued in 1981]

Category	Honolulu	Percent of total	U.S. average	Percent of total	Honolulu indexed to U.S. average
Total, earnings level #1	76,000	100.0	41,014	100.0	185.3
Goods and services	29,388	38.7	21,283	51.9	138.1
Consumables	20,850	27.4	14,212	34.7	146.7
Transportation	6,150	8.1	5,040	12.3	122.0
Health services	2,388	3.1	2,031	5.0	117.6
Rent, utilities, insurance	46,686	61.4	21,929	53.5	212.9
Income and payroll taxes	17,917	23.6	15,793	38.5	113.4
Miscellaneous 1/	-17,991	-23.7	-17,991	-43.9	100.0
Exhibit: monthly rent 2/	3,442	54.3	1,551	45.4	221.9
Total, earnings level #2	114,519	100.0	76,000	100.0	150.7
Goods and services	42,682	37.3	31,044	40.8	137.5
Consumables	29,031	25.4	19,722	26.0	147.2
Transportation	10,851	9.5	8,931	11.8	121.5
Health services	2,800	2.4	2,391	3.1	117.1
Rent, utilities, insurance	46,686	40.8	21,929	28.9	212.9
Income and payroll taxes	17,917	15.6	15,793	20.8	113.4
Miscellaneous	7,234	6.3	7,234	9.5	100.0
Exhibit: monthly rent 2/	3,442	36.1	1,551	24.5	221.9

1/ 'Miscellaneous' includes charitable contributions, tuition for dependents or child care, insurance premiums, personal savings, investments, credit card debt payments, vacations, etc. A negative value suggests that the spending pattern is 'too rich' for the earnings level.

2/ Percent of total is calculated based on annual rent.

Source: ERI Economic Research Institute, Relocation Assessor, "Relocation Analysis Report" (July 11, 2012) and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.13-- COST OF LIVING AMONG TOP STATES FOR BUSINESS CATEGORY RANKINGS: 2016 TO 2021

[The CNBC survey scored all 50 states on as many as 83 measures of competitiveness developed with input from business groups including the U.S. Chamber of Commerce and the Center for Regional Economic Competitiveness. States received points based on their rankings in each of ten broad categories, weighted according to how frequently they are cited in state economic development marketing materials. A rank of 1 indicates most favorable. No report issued for 2020. Sorted by 2021 category weights]

Category	2016			2017			2018			2019			2021		
	Category wt. 1/	Score	Rank												
Overall	2,500	1,009	49	2,525	998	49	2,500	1,006	47	2,500	941	49	2,500	1,011	49
Cost of doing bus.	350	45	50	350	49	50	350	70	49	350	50	49	400	65	50
Infrastructure 2/	350	116	46	400	152	40	400	173	40	350	107	49	375	162	39
Life, Health, & Inclusion	325	295	1	300	268	1	300	264	2	325	297	1	375	284	2
Workforce	400	165	48	450	188	48	425	148	48	450	182	46	325	194	18
Economy	340	181	25	300	135	35	300	134	33	375	93	47	250	51	49
Business friendliness	160	27	46	150	29	47	150	37	43	175	51	42	200	84	36
Tech. & innovation	250	90	38	225	64	45	225	63	42	175	53	40	175	54	41
Access to capital	50	14	37	100	22	41	100	22	42	75	14	44	175	41	41
Education	200	74	43	200	90	30	200	94	31	175	93	26	150	74	31
Cost of living	75	2	50	50	1	50	50	1	50	50	1	50	75	2	50

1/ Weighting reevaluated for each study. See "America's Top States for Business: Our methodology and sources" for 2016 <<http://www.cnbc.com/2016/06/23/americas-top-states-for-business-2016-our-methodology.html>> accessed July 12, 2016; for 2017 <<http://www.cnbc.com/2017/06/12/heres-how-your-state-can-become-a-cnbc-top-state-for-business.html>> accessed June 30, 2017; for 2018 <<https://www.cnbc.com/2018/06/13/cnbcs-top-states-for-business-2018-methodology-and-sources.html>> accessed July 10, 2018; for 2019 <<https://www.cnbc.com/2019/06/08/how-cnbc-chose-americas-top-states-for-business-in-2019.html>> accessed July 24, 2019; and for 2021 <<https://www.cnbc.com/2021/06/17/how-we-chose-americas-top-states-for-business-in-2021.html>> accessed July 15, 2021.

2/ Is variously 'Infrastructure' or 'Infrastructure & transportation'.

3/ The 2021 category expands on the former 'Quality of Life' to assess additional livability factors, i.e. crime, COVID-19 response, voting access, etc.

Source: CNBC "America's Top Ten States for Business: 2016" <<http://www.cnbc.com/2016/07/12/americas-top-states-for-business-2016-the-list-and-ranking.html>> and "Hawaii" <<http://www.cnbc.com/2016/07/12/top-states-for-business-49-hawaii.html>> accessed July 14, 2016; for 2017 <<http://www.cnbc.com/2017/07/11/americas-top-states-for-business-2017-overall-ranking.html>> and "Hawaii" <<http://www.cnbc.com/2017/06/12/heres-how-your-state-can-become-a-cnbc-top-state-for-business.html>> accessed July 12, 2017; for 2018 <<https://www.cnbc.com/2018/07/10/americas-top-states-for-business-2018.html>> and "Hawaii" <<https://www.cnbc.com/2018/07/10/top-states-for-business-hawaii.html>> accessed July 10, 2018; for 2019 <<https://www.cnbc.com/americas-top-states-for-business/>> and "Hawaii" <<https://www.cnbc.com/2019/07/09/top-states-for-business-hawaii.html>> accessed July 24, 2019; and for 2021 (July 13, 2021) <<https://www.cnbc.com/americas-top-states-for-business/>> and "Hawaii" <<https://www.cnbc.com/2021/07/13/top-states-for-business-hawaii.html>> accessed July 15, 2021.

**Table 14.14-- AVERAGE ANNUAL COST OF FULL-TIME CHILD CARE,
BY PROVIDER, BY STATE AND THE DISTRICT OF COLUMBIA: 2018**

[Data collected during Child Care Aware of America's February 2019 survey of Child Care Resource and Referral State Networks. Some states used the latest state market rate survey]

Area	Child care center			Family child care		
	Infant	4-year-old	School-age 1/	Infant	4-year-old	School-age 1/
Alabama 2/	7,280	6,500	(NA)	6,500	6,240	(NA)
Alaska	11,832	9,847	6,934	8,917	7,946	5,127
Arizona	10,822	8,724	5,244	7,376	6,935	4,978
Arkansas	6,443	4,493	3,867	5,281	4,243	3,266
California	16,452	11,202	3,736	10,609	9,984	3,845
Colorado	15,600	11,700	3,884	10,400	9,360	3,185
Connecticut	15,600	12,688	3,588	11,180	10,556	3,978
Delaware	11,371	9,054	3,713	7,876	6,975	2,886
Dist. of Columbia	24,081	18,980	9,360	18,200	11,180	7,280
Florida	9,312	7,002	3,321	8,070	6,554	3,312
Georgia	8,729	6,987	(NA)	7,309	6,037	(NA)
Hawaii	14,100	9,240	2,556	9,048	8,760	6,579
Idaho	8,636	7,665	4,852	7,396	7,026	4,587
Illinois	13,762	10,432	6,505	8,616	7,953	5,272
Indiana	12,390	9,290	4,290	6,922	6,130	3,510
Iowa	10,743	8,856	3,086	7,234	6,847	2,450
Kansas	12,584	8,736	3,588	7,384	6,500	2,847
Kentucky	7,440	6,720	4,500	6,240	6,000	3,600
Louisiana 2/	8,580	7,800	3,315	7,540	6,500	(NA)
Maine	14,248	11,232	5,400	9,360	8,580	5,000
Maryland	15,403	10,484	4,476	10,858	8,315	3,746
Massachusetts	20,880	15,475	5,620	13,184	12,210	5,231
Michigan	10,287	8,315	4,385	7,006	6,615	4,389
Minnesota	16,120	12,428	(NA)	8,476	7,748	(NA)
Mississippi 2/	5,760	5,280	(NA)	4,183	3,821	(NA)
Missouri	9,880	6,849	3,818	5,720	4,962	3,054
Montana	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nebraska	12,272	11,148	(NA)	12,480	12,480	(NA)
Nevada	11,107	8,812	5,257	8,892	8,166	4,737
New Hampshire	13,044	10,603	3,188	9,524	9,184	3,324
New Jersey 2/	15,600	12,660	(NA)	(NA)	(NA)	(NA)
New Mexico	9,135	8,352	(NA)	7,937	7,494	(NA)
New York	15,028	12,064	(NA)	10,972	10,140	(NA)

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**Table 14.14-- AVERAGE ANNUAL COST OF FULL-TIME CHILD CARE,
BY PROVIDER, BY STATE AND THE DISTRICT OF COLUMBIA:
2018 -- Con.**

Area	Child care center			Family child care		
	Infant	4-year-old	School-age 1/	Infant	4-year-old	School-age 1/
North Carolina	9,254	7,920	3,275	7,412	6,548	2,994
North Dakota	9,182	8,349	(NA)	7,677	7,390	(NA)
Ohio	10,009	8,258	1,635	7,592	6,446	2,423
Oklahoma	8,940	6,762	3,205	7,101	6,270	3,017
Oregon	13,518	10,102	4,113	9,153	8,338	4,651
Pennsylvania 2/	11,560	9,540	(NA)	8,920	7,753	(NA)
Rhode Island 2/	10,955	9,793	5,140	9,900	8,811	4,868
South Carolina 2/	9,100	8,190	4,400	5,720	5,460	4,000
South Dakota	(NA)	6,198	4,586	(NA)	5,242	3,947
Tennessee	9,017	7,486	2,645	6,360	5,750	3,046
Texas 2/	9,864	8,294	5,576	7,940	7,782	4,998
Utah	10,002	7,714	8,362	7,498	6,684	6,364
Vermont	12,507	11,438	4,324	8,694	8,264	3,711
Virginia	14,560	11,544	5,440	10,504	8,892	3,480
Washington	14,844	11,352	4,860	11,208	9,504	4,068
West Virginia	8,029	6,934	(NA)	6,159	5,852	(NA)
Wisconsin	12,552	10,181	3,890	9,873	8,800	4,362
Wyoming 2/	9,100	7,800	5,650	8,224	7,693	5,760

NA Not available or not reported.

1/ Based on a before-/after-school for 9-month school year.

2/ State did not report costs on 2019 survey. Data from previous year adjusted for inflation.

Source: Child Care Aware of America, *Parents and the High Cost of Child Care 2019 Appendices*,

Appendix I: "2018 Average Annual Cost of Full-Time Center-Based Child Care by State" (p. 3) and

Appendix II: "2018 Average Annual Cost of Full-Time Family Child Care by State" (p. 5)

<<http://usa.childcareaware.org/>> accessed January 24, 2020.

Table 14.15-- HOUSING'S MOST EXPENSIVE 25 MARKETS AND MOST AFFORDABLE 25 MARKETS IN THE UNITED STATES: 2016

[The Coldwell Banker "U.S. Home Listing Report" analyzes the average listing price of four-bedroom, two-bathroom properties on coldwellbanker.com listed between January 2016 and June 2016 from 51,163 listings in 2,168 markets. Markets without 10 such properties were excluded]

Rank	Most expensive		Average listing price	Rank	Most affordable		Average listing price
1	Saratoga	CA	2,453,718	1	Detroit	MI	64,110
2	Newport Beach	CA	2,130,338	2	Cleveland	OH	73,073
3	Cupertino	CA	1,812,833	3	Park Forest	IL	78,392
4	Redwood City	CA	1,807,068	4	Jamestown	NY	88,891
5	Arcadia	CA	1,748,680	5	Utica	NY	92,891
6	Carmel	CA	1,722,500	6	Wilkes-Barre	PA	94,436
7	San Francisco	CA	1,672,100	7	Scranton	PA	104,842
8	La Canada Flintridge	CA	1,571,846	8	Huntington	IN	105,614
9	Sunnyvale	CA	1,566,616	9	Augusta	GA	106,567
10	Los Gatos	CA	1,470,524	10	Palatka	FL	110,655
11	San Mateo	CA	1,425,200	11	Geneva	NY	112,600
12	Greenwich	CT	1,349,048	12	Kankakee	IL	112,958
13	Wellesley	MA	1,294,684	13	Cheektowaga	NY	113,244
14	Honolulu	HI	1,202,219	14	Albertville	AL	114,258
15	Santa Barbara	CA	1,165,727	15	Jackson	MI	114,860
16	Danville	CA	1,152,886	16	Country Club Hills	IL	116,400
17	Westport	CT	1,119,279	17	Beloit	WI	117,655
18	San Rafael	CA	1,114,714	18	Hephzibah	GA	118,460
19	Pasadena	CA	1,082,091	19	Johnstown	PA	118,589
20	Bellevue	WA	1,078,976	20	Parsons	KS	118,628
21	Calabasas	CA	1,066,783	21	Danville	IL	118,970
22	Cambridge	MA	1,057,120	22	Binghamton	NY	119,251
23	Concord	MA	1,040,290	23	Jackson	MS	119,580
24	San Jose	CA	1,011,871	24	Bluefield	WV	119,945
25	Walnut Creek	CA	1,004,900	25	Grenada	MS	120,925

Source: Coldwell Banker, "Homebuyers: Report Reveals Most Expensive and Affordable Real Estate Markets in United States" (September 8, 2016) <<https://www.coldwellbanker.com/article/report-reveals-most-expensive-and-affordable-real-estate-markets-in-us>> accessed November 1, 2016.

Table 14.16-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JULY 12, 2021

[Over 120,000 retail gasoline stations are surveyed and updated daily. Prices are in dollars per gallon. Rank of 1 indicates highest price per gallon. Rank is among 50 states and District of Columbia]

Item	Regular	Mid-grade	Premium	Diesel
Hawaii	4.034	4.247	4.489	4.297
Hawaii rank	2	2	2	1
U. S. average	3.147	3.493	3.766	3.265
Hawaii as percent of U.S. average	128.2	121.6	119.2	131.6
Alabama	2.825	3.153	3.489	3.038
Alaska	3.626	3.764	3.944	3.279
Arizona	3.123	3.395	3.651	3.190
Arkansas	2.845	3.135	3.430	3.070
California	4.313	4.500	4.626	4.258
Colorado	3.485	3.804	4.099	3.428
Connecticut	3.147	3.429	3.643	3.290
Delaware	2.989	3.391	3.634	3.250
District of Columbia	3.276	3.720	3.881	3.363
Florida	3.006	3.348	3.656	3.103
Georgia	2.936	3.279	3.603	3.098
Hawaii	4.034	4.247	4.489	4.297
Idaho	3.582	3.761	3.950	3.662
Illinois	3.341	3.704	4.091	3.305
Indiana	3.193	3.509	3.829	3.341
Iowa	2.977	3.125	3.545	3.113
Kansas	2.869	3.113	3.365	3.084
Kentucky	2.937	3.269	3.573	3.091
Louisiana	2.781	3.074	3.384	2.961
Maine	3.112	3.421	3.675	3.200
Maryland	3.003	3.445	3.711	3.218
Massachusetts	3.025	3.299	3.527	3.147
Michigan	3.171	3.476	3.813	3.261
Minnesota	2.990	3.211	3.532	3.148
Mississippi	2.766	3.052	3.381	2.926
Missouri	2.827	3.073	3.341	2.989
Montana	3.173	3.425	3.688	3.344
Nebraska	2.967	3.092	3.467	3.106
Nevada	3.800	4.016	4.202	3.688
New Hampshire	2.988	3.303	3.570	3.077
New Jersey	3.165	3.523	3.699	3.337
New Mexico	3.088	3.396	3.667	3.205
New York	3.194	3.484	3.719	3.341

Continued on next page.

Table 14.16-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JULY 12, 2021 -- Con.

Item	Regular	Mid-grade	Premium	Diesel
North Carolina	2.907	3.251	3.603	3.136
North Dakota	3.032	3.236	3.444	3.163
Ohio	3.008	3.330	3.663	3.300
Oklahoma	2.877	3.129	3.364	3.000
Oregon	3.674	3.839	4.019	3.552
Pennsylvania	3.221	3.536	3.826	3.566
Rhode Island	3.039	3.346	3.615	3.131
South Carolina	2.868	3.207	3.542	3.029
South Dakota	3.072	3.182	3.550	3.196
Tennessee	2.883	3.216	3.557	3.072
Texas	2.827	3.141	3.437	2.958
Utah	3.684	3.864	4.045	3.777
Vermont	3.049	3.309	3.579	3.188
Virginia	2.945	3.326	3.650	3.074
Washington	3.833	4.022	4.195	3.651
West Virginia	3.044	3.332	3.621	3.255
Wisconsin	2.966	3.292	3.675	3.095
Wyoming	3.396	3.624	3.867	3.531

Source: AAA's Daily Gas Prices, National Average, State Prices and Compare Prices <<http://gasprices.aaa.com/>> accessed July 12, 2021; and calculations by the Hawaii Department of Business, Economic Development & Tourism.

Table 14.17-- PARKING GARAGES DOWNTOWN HONOLULU, NUMBER OF SPACES AND RANK, AND PARKING RATES: 2018 AND 2019

[Ranked according to highest number of parking spaces in 2019]

Parking garage	2018			2019		
	Rank	Number of spaces	Range of monthly rates	Rank	Number of spaces	Range of monthly rates
Waterfront Plaza	1	1,255	(1/)	1	1,255	(1/)
Bishop Square - ASB/Pauahi Tower	2	1,146	(NA)	2	1,146	(NA)
Harbor Court 2/	3	1,048	140	3	1,048	> 220
Topa Financial Center	5	902	241-356	4	920	283-450
801 South St., Bldg. A 3/	4	915	130	5	915	(NA)
Executive Centre	6	864	240-360	6	864	265
Kukui Plaza	7	852	100	7	852	(NA)
801 South St., Bldg. B	8	788	130	8	788	(NA)
Pacific Guardian Center	9	771	268-427	9	771	8
Alii Place	10	718	267-382	10	718	267-382
Kauhale Kakaako	11	698	(NA)	11	698	135
Hale Pauahi	12	593	(NA)	12	593	90
Bishop Place 2/	13	564	250-415	13	564	< 415
Pacific Park Plaza	(4/)	(4/)	(4/)	14	557	204-272
South Street Garage 5/	14	550	50	15	550	50
Davies Pacific Center	16	495	(1/)	15	495	356
Harbor Square	15	495	260-425	17	495	260
215 N. King St.	17	448	100-145	18	448	120-145
Walmart	18	418	250-335	19	418	(NA)
Marin Tower	19	414	125	20	414	125
Chinatown Cultural Plaza	20	400	150	21	400	160
Century Square	21	364	(NA)	22	364	(NA)
City Financial Tower	22	343	(1/)	23	343	(NA)
Kawaiahao Plaza	23	314	(NA)	24	314	(NA)
Mark's Garage	24	308	230-446	25	285	240-350
Keauhou Lane	25	286	145-200	(4/)	(4/)	(4/)

NA Not applicable, not available, or not approved.

1/ Tenants only.

2/ Angled bracket open to left '>' indicates 'greater than'; to right '<' indicates 'less than'.

3/ 12-hour period for 2018.

4/ Not ranked in year shown.

5/ For State of Hawaii employees only.

Source: *Pacific Business News*, "Parking Garages, Downtown Honolulu" 2018 (April 26, 2019), page 2/ <<https://www.bizjournals.com/pacific/datacenter/lists>> accessed July 21, 2020; and *Ibid.* 2019 (April 24, 2020), page 19 <<https://www.bizjournals.com/pacific/datacenter/lists>> accessed July 21, 2020.

**Table 14.18-- TOP 50 MOST EXPENSIVE CAR RENTAL DESTINATIONS
IN THE UNITED STATES: SPRING 2021**

[The table is based on a survey which compared rental car rates at the top 100 U.S. airports according to traffic for May 2021. Prices shown reflect average weekly rates (from Sunday to Saturday) for the most affordable rental cars, May 1 to 31, 2021. Only rental car companies located directly at a destination's airport or at the airport's rental car center have been considered for the survey. Rank of 1 assigned to the highest car rental rate]

Rank	City	Rate (dollars) 1/	Rank	City	Rate (dollars) 1/
1	Kahului	972	26	Albuquerque	475
2	Kona	923	27	Sanford	472
3	Pensacola	817	28	Newark	465
4	Charleston	712	29	Boise	464
5	Honolulu	705	30	Little Rock	464
6	Lihue	652	31	Greenboro	460
7	Sarasota	635	32	New York City (LaGuardia)	459
8	Savannah	581	33	Miami	457
9	Madison	571	34	Chicago	452
10	St.Petersburg	569	35	Raleigh	452
11	Denver	568	36	Ft. Lauderdale	451
12	San Juan	567	37	Houston 2/	446
13	Omaha	557	38	Fresno	438
14	Atlanta	521	39	Austin	436
15	New Orleans	520	40	Portland	435
16	Hartford	519	41	Kansas City	435
17	Providence	517	42	Houston 2/	434
18	Greenville	510	43	Memphis	431
19	Myrtle Beach	501	44	Syracuse	430
20	Washington 3/	495	45	San Jose	425
21	Jacksonville	495	46	Fort Myers	425
22	Knoxville	490	47	Indianapolis	423
23	Columbus	485	48	Las Vegas	423
24	Des Moines	485	49	Dallas	422
25	Charlotte	476	50	Washington 3/	422

1/ Rank is as reported in source although not all cities with same rate shown are given same rank.

2/ Houston has 2 airports in the top 50: Rank 37 is William P. Hobby and Rank 42 is George Bush Intercontinental Airport.

3/ Washington D.C. has 2 airports in the top 50: Rank 20 is Ronald Reagan National (DCA) and Rank 50 is Dulles International Airport.

Source: CheapCarRental "A comparison of car rental rates in the USA - Spring 2021" (April 29, 2021) <<https://www.cheapcarrental.net/press/spring21.html>> accessed July 14, 2021.

Table 14.19-- CAR RENTAL RATES FOR 30 MAJOR UNITED STATES CITIES: CHRISTMAS PREMIUM 2018

[The survey compared the rates at 40 popular U.S. destinations over the December 23 to December 27, 2018 period for the cheapest available rental car to the average car rental prices for winter outside the survey period. Rates were established on December 15, 2018 via a leading car rental comparison engine. Each city's main airport was chosen as the pick-up and drop-off location. Rank of 1 assigned to the highest car rental rate]

Rank	City	Rate (dollars)	'Holiday' premium (percent)
1	New York City	179	223
2	Seattle	118	315
3	New Orleans	109	84
4	Denver	104	187
5	Honolulu	99	157
6	Boston	95	215
7	Pittsburgh	94	114
8	Minneapolis	87	84
9	Portland	86	118
10	Tampa	86	186
11	San Diego	82	194
12	Washington DC	81	105
13	Jacksonville	79	168
14	Albuquerque	78	60
15	Atlanta	77	131
16	San Francisco	71	151
17	Kansas City	70	49
18	Houston	66	61
19	Dallas	65	77
20	St Louis	61	102
21	Indianapolis	61	82
22	Philadelphia	57	17
23	Austin	56	67
24	Charlotte	56	15
25	Los Angeles	55	155
26	Nashville	55	22
27	Baltimore	54	37
28	Cincinnati	53	40
29	Chicago	52	63
30	Miami	51	118

Source: CheapCarRental "The most expensive car rental destinations over the Christmas holidays " (December 20, 2018) <<https://www.cheapcarrental.net/press/christmas18.html>> accessed January 25, 2019.

Table 14.20-- AVERAGE ANNUAL AUTO INSURANCE RATES AND AS PERCENT OF MEDIAN ANNUAL HOUSEHOLD INCOME FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 2012

[Median car insurance rates are determined by a Quadrant Information Services and were based on actual customer profiles of online car insurance shoppers that can include multiple drivers, multiple vehicles and other variables. Income data are from the 2010 Census and car insurance data collected June 2012. Ranking based on car insurance as highest percent of household income]

Rank	State	Median price of annual car insurance	Median annual household income	Car insurance as percent of household income
1	Michigan	4,490	56,101	8.00
2	Louisiana	2,912	52,456	5.55
3	Kentucky	2,292	50,392	4.55
4	West Virginia	2,074	48,927	4.24
5	Mississippi	1,840	45,484	4.05
6	Arkansas	1,722	47,049	3.66
7	Delaware	2,456	68,746	3.57
8	New York	2,334	65,897	3.54
9	Nevada	2,070	60,192	3.44
10	Florida	1,784	53,093	3.36
11	District of Columbia	2,570	77,514	3.32
12	South Carolina	1,682	51,704	3.25
13	Rhode Island	2,132	67,814	3.14
14	Arizona	1,724	55,353	3.12
15	New Jersey	2,556	82,427	3.10
16	Oklahoma	1,610	51,958	3.10
17	Georgia	1,632	55,209	2.96
18	South Dakota	1,772	59,987	2.95
19	Pennsylvania	1,828	61,890	2.95
20	Alabama	1,476	50,429	2.93
21	Tennessee	1,452	51,083	2.84
22	Minnesota	1,924	69,625	2.76
23	Missouri	1,550	56,214	2.76
24	Illinois	1,716	65,417	2.62
25	New Mexico	1,306	51,020	2.56
26	Texas	1,420	56,575	2.51
27	Montana	1,354	54,507	2.48
28	Idaho	1,290	52,342	2.47
29	Connecticut	1,984	81,246	2.44
30	Maryland	2,030	83,137	2.44
31	Kansas	1,480	61,013	2.43
32	Colorado	1,562	67,800	2.30

Continued on next page.

Table 14.20-- AVERAGE ANNUAL AUTO INSURANCE RATES AND AS PERCENT OF MEDIAN ANNUAL HOUSEHOLD INCOME FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 2012 -- Con.

Rank	State	Median price of annual car insurance	Median annual household income	Car insurance as percent of household income
33	Indiana	1,268	55,368	2.29
34	Wisconsin	1,400	62,088	2.26
35	Nebraska	1,348	60,812	2.22
36	Vermont	1,380	62,575	2.21
37	Washington	1,458	67,328	2.17
38	North Dakota	1,384	65,207	2.12
39	Wyoming	1,394	65,841	2.12
40	Utah	1,270	61,618	2.06
41	Ohio	1,128	56,518	2.00
42	Maine	1,160	58,197	1.99
43	Virginia	1,444	72,476	1.99
44	California	1,304	65,481	1.99
45	New Hampshire	1,484	74,634	1.99
46	Iowa	1,202	60,917	1.97
47	Oregon	1,108	56,661	1.96
48	Alaska	1,348	76,962	1.75
49	Hawaii	1,244	76,134	1.63
50	North Carolina	860	52,920	1.63
51	Massachusetts	1,128	78,653	1.43

Source: CarInsurance.com "10 states where car insurance really bites your budget"
 <http://www.carinsurancequotes.com/car_insurance-costs> accessed July 30, 2012.

Table 14.21-- AVERAGE ANNUAL AUTO INSURANCE COSTS FOR THE 50 STATES: 2021

[Data compiled by Bankrate showing the average rates in each state. "Minimum coverage requirements" signify the amount of required coverage for bodily injury liability coverage (per person)(BIPP)/bodily injury liability coverage (per accident)(BIPA)/property damage coverage (PD). The numbers under the two 'Average cost of coverage' columns are the average amounts of money drivers in that state pay for that car insurance on an annual basis. The policy purchased is a 100/300/50. Full coverage includes collision and comprehensive coverage]

State	Minimum coverage requirements (BIPP/BIPA/PD) (in \$1,000)	Average cost of minimum coverage (\$)	Average cost of full coverage (\$)	State	Minimum coverage requirements (BIPP/BIPA/PD) (in \$1,000)	Average cost of minimum coverage (\$)	Average cost of full coverage (\$)
Alabama	25/50/25	469	1,623	Montana	25/50/20	342	1,737
Alaska	50/100/25	373	1,559	Nebraska	25/50/25	335	1,531
Arizona	25/50/15	555	1,547	Nevada	25/50/20	860	2,245
Arkansas	25/50/25	470	1,914	New Hampshire	25/50/25	389	1,275
California	15/30/5	733	2,065	New Jersey 1/	15/30/5	847	1,757
Colorado	25/50/15	518	2,016	New Mexico	25/50/10	385	1,419
Connecticut	25/50/25	794	1,845	New York 1/ 2/	25/50/50/10	1,062	2,321
Delaware	25/50/10	787	1,775	North Carolina	30/60/25	413	1,325
Florida 1/	10/10	1,101	2,364	North Dakota 1/	25/50/25	285	1,264
Georgia	25/50/25	756	1,982	Ohio	25/50/25	328	1,034
Hawaii 1/	20/40/10	354	1,127	Oklahoma	25/50/25	423	1,873
Idaho	25/50/15	307	1,045	Oregon	25/50/20	610	1,346
Illinois	25/50/20	442	1,485	Pennsylvania 1/	15/30/5	427	1,476
Indiana	25/50/25	367	1,254	Rhode Island	25/50/25	749	2,018
Iowa	20/40/15	252	1,260	South Carolina	25/50/25	558	1,512
Kansas 1/	25/50/25	410	1,698	South Dakota	25/50/25	275	1,642
Kentucky 1/	25/50/25	748	2,128	Tennessee	25/50/15	371	1,338
Louisiana	15/30/25	975	2,724	Texas	30/60/25	524	1,823
Maine	50/100/25	294	965	Utah 1/ 2/	25/65/3/15	528	1,306
Maryland	30/60/15	767	1,877	Vermont	25/50/10	292	1,207
Massachusetts 1/ 2/	20/40/8/5	510	1,223	Virginia	25/50/20	441	1,304
Michigan 1/	50/100/10	948	2,309	Washington	25/50/10	463	1,176
Minnesota 1/ 2/	30/60/40/10	537	1,643	West Virginia	25/50/25	458	1,499
Mississippi	25/50/25	492	1,782	Wisconsin	25/50/10	332	1,186
Missouri	25/50/25	468	1,661	Wyoming	25/50/20	271	1,495

1/ No-fault states. Each party files a claim with their own car insurance for medical expenses after an accident, regardless of who caused the crash. Florida requires PIP and PDL.

2/ These states have different minimums. They are formatted as bodily injury (per person)/bodily injury (per accident)/PIP/property damage.

Source: Bankrate "Car Insurance Rates By State 2021" (May 19, 2021) <<https://www.bankrate.com/insurance/car/states/>> accessed July 14, 2021.

Table 14.22-- AVERAGE ANNUAL AND RANGE OF CAR INSURANCE PREMIUMS FOR EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2020

[According to a compilation done by Business Insider of the average of rates reported by Nerdwallet, The Zebra, ValuePenguin, Bankrate, and the National Association of Insurance Commissioners. The price of car insurance can vary greatly depending on a number of factors including age, gender, marital status, driving record, years of driving experience, credit history, the type of car, insurance claims history, and more. The range and the average are presented for each state]

State	Car insurance premium		State	Car insurance premium	
	Average	Range		Average	Range
Alabama	1,439	868 - 2,078	Montana	1,498	864 - 2,525
Alaska	1,242	1,028 - 1,502	Nebraska	1,355	831 - 2,038
Arizona	1,543	973 - 2,699	Nevada	1,855	1,103 - 3,190
Arkansas	1,459	906 - 2,213	New Hampshire	1,451	819 - 2,004
California	1,647	987 - 1,815	New Jersey	1,756	1,104 - 3,013
Colorado	1,915	982 - 3,164	New Mexico	1,608	938 - 2,194
Connecticut	1,781	1,151 - 2,619	New York	1,894	1,352 - 2,752
Delaware	1,970	1,241 - 2,513	North Carolina	1,316	789 - 1,692
Dist. of Col.	1,715	1,331 - 2,793	North Dakota	1,178	773 - 1,979
Florida	2,007	1,257 - 3,370	Ohio	1,249	789 - 1,688
Georgia	1,942	1,048 - 2,619	Oklahoma	1,465	1,005 - 2,659
Hawaii	1,324	873 - 1,548	Oregon	1,598	905 - 2,205
Idaho	1,122	680 - 1,777	Pennsylvania	1,414	971 - 2,018
Illinois	1,335	885 - 2,313	Rhode Island	2,018	1,304 - 3,847
Indiana	1,166	755 - 1,489	South Carolina	1,706	973 - 2,112
Iowa	1,100	702 - 1,482	South Dakota	1,399	767 - 2,338
Kansas	1,313	863 - 2,190	Tennessee	1,365	871 - 1,821
Kentucky	1,863	939 - 3,418	Texas	1,699	1,110 - 2,594
Louisiana	2,480	1,405 - 3,525	Utah	1,606	873 - 2,538
Maine	1,510	704 - 2,340	Vermont	1,207	764 - 1,769
Maryland	1,463	896 - 2,431	Virginia	1,127	843 - 1,498
Massachusetts	1,385	1,129 - 1,866	Washington	1,106	918 - 1,691
Michigan	3,343	1,272 - 8,723	West Virginia	1,410	1,026 - 2,131
Minnesota	2,040	875 - 2,693	Wisconsin	1,241	737 - 1,590
Mississippi	1,450	994 - 2,208	Wyoming	1,246	847 - 2,118
Missouri	1,560	872 - 2,584			

Source: Business Insider "The average cost of car insurance in the U.S." (May 29, 2020)
 <<https://www.businessinsider.com/personal-finance/average-cost-of-car-insurance>>
 accessed July 21, 2020.

Table 14.23-- COST OF LIVING GLOBAL RANK FOR SELECTED MAJOR CITIES IN THE UNITED STATES: 2011 TO 2021

[The survey, conducted in March, included more than 400 cities worldwide and measures the comparative cost of more than 200 items in each location, including housing, food, clothing, utilities, transportation, and entertainment costs. The higher the index, the lower the rank where a rank of 1 indicates the most expensive city. New York City = 100.0]

City and state	Global rank 1/										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Atlanta, GA	(NA)	(NA)	(NA)	147	103	78	83	95	69	60	72
Boston, MA	(NA)	(NA)	123	109	64	47	51	70	49	41	50
Chicago, IL	(NA)	(NA)	(NA)	85	42	34	31	51	37	30	45
Cleveland, OH	(NA)	(NA)	(NA)	167	133	110	100	125	106	93	112
Dallas, TX	(NA)	(NA)	(NA)	125	77	62	62	85	62	52	69
Detroit, MI	(NA)	(NA)	(NA)	160	122	103	95	116	90	80	101
Honolulu, HI	(NA)	(NA)	117	97	52	37	35	54	38	28	43
Houston, TX	(NA)	(NA)	(NA)	143	92	75	74	86	59	51	75
Los Angeles, CA	(NA)	(NA)	(NA)	62	36	27	23	35	18	17	20
Miami, FL	(NA)	(NA)	114	98	56	45	41	60	44	37	48
Minneapolis, MN	(NA)	(NA)	(NA)	156	115	91	86	102	78	69	86
Morristown, NJ	(NA)	(NA)	(NA)	132	88	71	81	97	70	62	75
New York City, NY	32	33	24	16	16	11	9	13	9	6	14
Pittsburgh, PA	(NA)	(NA)	(NA)	162	130	112	107	125	97	91	110
Portland, OR	(NA)	(NA)	(NA)	166	135	117	115	130	107	92	106
San Francisco, CA	(NA)	(NA)	92	74	37	26	21	28	16	16	25
Seattle, WA	(NA)	(NA)	(NA)	153	106	83	76	90	64	55	67
St. Louis, MO	(NA)	(NA)	(NA)	161	130	108	100	122	94	83	103
Washington, DC	(NA)	(NA)	(NA)	92	50	38	39	56	42	32	51
White Plains, NY	(NA)	(NA)	(NA)	81	71	61	64	79	56	48	65
Winston Salem, NC	(NA)	(NA)	(NA)	182	157	147	140	161	138	132	151

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Table 14.23-- COST OF LIVING GLOBAL RANK FOR SELECTED MAJOR CITIES IN THE UNITED STATES: 2011 TO 2021 -- Con.

NA Not available.

1/ 2013 and 2014 were not originally available in the News Release, the rankings were derived from data in the following year's release.

Source: Mercer LLC, "Worldwide Cost of Living Survey 2011 - City rankings" (July 12, 2011) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 12, 2011; Ibid. "Worldwide Cost of Living Survey 2012 – city ranking" (June 12, 2012) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 9, 2012; Ibid. 2013 "African, European, and Asian Cities Dominate the Top 10 Most Expensive Locations for Expatriates" (July 23, 2013) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 30, 2013; Ibid. 2014, (July 10, 2014) <http://www.mercer.com/newsroom/cost-of-living-survey.html#City_rankings> accessed July 10, 2014; "2015 Cost of Living Rankings" (June 17, 2015) <<http://www.mercer.com/newsroom/cost-of-living-survey.html>> accessed July 2, 2015; Ibid. 2016 "Continued Demand for Mobility in the Global Workforce Challenged by Cost of Expatriate Packages" (June 22, 2016) <<http://www.mercer.com/newsroom/continued-demand-for-mobility-in-the-global-workforce-challenged-by-cost-of-expatriate-packages.html>> accessed July 12, 2016; Ibid 2017 "Despite Worldwide Changes, Multinationals Focus on Mobile Workforces to Support Career Growth and Ensure Competitiveness" (June 21, 2017) <<https://www.mercer.com/newsroom/cost-of-living-2017.html>> accessed July 1, 2017; "Mercer's Annual Cost of Living Survey Finds Asian, European, and African Cities Most Expensive Locations for Employees" (June 26, 2018) <<https://www.mercer.com/newsroom/cost-of-living-2018.html>> accessed June 27, 2018; and "Mercer's 25th Annual Cost of Living Survey Finds Cities in Asia Most Expensive Locations for Employees Working Abroad" (June 26, 2019) <<https://www.mercer.us/newsroom/mercers-25th-annual-cost-of-living-survey-finds-cities-in-asia-most-expensive-locations-for-employees-working-abroad.html>> accessed July 7, 2019; Ibid. 2020 Mercer's Cost of Living Survey helps employers navigate expatriate packages, essential due to uncertainty from pandemic (June 6, 2020) <<https://www.mercer.com/newsroom/2020-cost-of-living.html>> accessed July 15, 2020; and "COVID-19 Disruptions Compel Companies to Re-evaluate Their Approach to Mobility" (June 22, 2021) <<https://www.mercer.com/>> accessed July 14, 2021.

Table 14.24-- TOP 10 MOST EXPENSIVE AND 10 CHEAPEST STATES TO LIVE: 2021

[CNBC considered basic items in the most expensive and cheapest areas of the state. Average price data based on Council for Community and Economic Research C2ER 2020 Cost of Living Index. See also <<http://coli.org/About/>>]

Rank	State	Metro area 1/	2021 COL Score 2/	Average home price	Half gallon of milk	Monthly energy bill	CPI (percent chg.) 3/
Most expensive							
1	Hawaii	Honolulu	2	1,386,483	4.31	470.38	5.1
2	New York	Manhattan	3	2,227,806	3.11	157.70	4.1
3	California	San Francisco	5	1,362,163	2.83	267.84	4.0
4	Oregon	Portland	6	623,494	2.12	143.85	5.1
5	Massachusetts	Boston	8	744,522	2.27	233.86	4.0
6	Alaska	Juneau	9	581,906	2.64	273.38	6.2
7	Maryland	Bethesda	11	854,529	2.49	193.98	4.5
8	Connecticut	Stamford	12	615,372	2.65	261.22	4.6
10	Rhode Island	Providence	14	430,197	2.52	240.57	4.6
10	New Jersey	Bergen County	15	615,738	2.43	186.37	4.1
Cheapest							
1	Mississippi	Hattiesburg	75	247,812	2.37	153.76	5.8
2	Kansas	Dodge City	74	299,018	2.48	159.30	5.8
3	Oklahoma	Norman	72	316,455	2.14	152.87	5.8
4	Arkansas	Little Rock	71	371,333	1.78	143.00	5.8
5	Missouri	Kansas City Metro	69	299,164	1.87	157.13	6.1
6	Alabama	Auburn	68	309,875	1.80	179.77	5.8
7	New Mexico	Albuquerque	66	329,645	2.10	155.29	5.1
8	Georgia	Metro Atlanta	65	380,418	1.99	120.82	6.7
8	Tennessee	Johnson City	65	395,467	1.92	141.46	5.8
10	Indiana	Bloomington	62	339,513	1.39	147.72	5.8

1/ Average home price applies to indicated Metro area.

2/ COL = Cost of Living. Score is of the 75 points maximum. See "America's Top States for Business - Methodology" <<https://www.cnbc.com/2021/06/17/how-we-chose-americas-top-states-for-business-in-2021.html>> accessed July 15, 2021.

3/ U.S. Bureau of Labor Statistics Consumer Price Index (CPI) for June 2021. If not exact CPI Metro match, most appropriate area CPI used. See source for details.

Source: CNBC, "America's Top States for Business - America's 10 most expensive states to live in 2021" (July 15, 2021) <<https://www.cnbc.com/2021/07/15/these-are-americas-most-expensive-states-to-live-in.html>> accessed July 15, 2021; and "These states are the cheapest places to live in America in 2021" (July 15, 2021) <<https://www.cnbc.com/2021/07/15/americas-10-cheapest-states-to-live-2021.html>> accessed July 15, 2021.

Table 14.25-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2021

[As of June 10, 2021. Maui includes Kalawao]

Effective or survey date	Category	Honolulu	Hawaii	Maui	Kauai
ALLOWANCE RATES					
March 25, 1997	All employees 1/	22.50	15.00	22.50	22.50
October 21, 1998	All employees 2/	25.00	15.00	22.50	22.50
October 3, 2000	All employees 3/	25.00	16.50	23.75	23.25
June 30, 2008	All employees 4/	25.00	18.00	25.00	25.00
COLA AND LOCALITY PAY RATES					
January 1, 2009	COLA 4/ Locality rate 5/	25.00 0.00	18.00 0.00	25.00 0.00	25.00 0.00
January 1, 2010	COLA 5/ Payable locality rate 5/ Full locality rate 5/	20.94 4.72 14.16	14.26 4.72 14.16	20.94 4.72 14.16	20.94 4.72 14.16
January 1, 2011	COLA 5/ Payable locality rate 5/ Full locality rate 5/	16.07 11.01 16.51	9.76 11.01 16.51	16.07 11.01 16.51	16.07 11.01 16.51
January 1, 2012	COLA 5/ Payable locality rate 5/ Full locality rate 5/	12.25 16.51 16.51	6.24 16.51 16.51	12.25 16.51 16.51	12.25 16.51 16.51
January 1, 2016	COLA 5/ Locality rate 5/	12.05 16.81	6.05 16.81	12.05 16.81	12.05 16.81
January 1, 2017	COLA 5/ Locality rate 5/	11.32 17.92	5.39 17.92	11.32 17.92	11.32 17.92
January 1, 2018	COLA 5/ Locality rate 5/	10.99 18.43	5.08 18.43	10.99 18.43	10.99 18.43
January 1, 2019	COLA 5/ Locality rate 5/	10.64 18.98	4.76 18.98	10.64 18.98	10.64 18.98
January 1, 2020	COLA 5/ Locality rate 5/	10.28 19.56	4.42 19.56	10.28 19.56	10.28 19.56
January 1, 2021	COLA 5/ Locality rate 5/	10.28 19.56	4.42 19.56	10.28 19.56	10.28 19.56

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Table 14.25-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2021 -- Con.

Effective or survey date	Category	Honolulu	Hawaii	Maui	Kauai
INDEXES					
1996 Survey	Cost of Living Index 6/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 7/	124.51	110.89	120.32	117.19
2007 Survey	Cost of Living Index 8/	121.37	111.71	123.62	118.14
2007 Survey, 2008 adj.	Cost Comparison Index 8/	121.40	111.74	123.65	118.17

1/ Interim Rule issued on March 25 and Final Rule issued on December 2, 1997.

2/ As Interim Rule on October 21 and as corrected on November 13, 1998. Final Rule published July 17, 2000, effective August 16, 2000. Current law prohibits reduction in COLA rates through December 31, 2000. As part of the COLA Research in the litigation Caraballo et al vs United States and as requested by Congress, an Interim Rates and Survey Schedule was announced but not yet enacted. The rates, as of October 1, 2000, are raised for Hawaii and Maui to 16.50 and 23.75 percent respectively. The Interim Rates as well as those for Kauai may increase further depending upon the results of the 1998 price surveys and the surveys conducted under New Regulations. Also see OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000 and <<http://www.opm.gov/oca/cola/html/cola-n.htm>>.

3/ Interim rule and invitation for comment issued in Federal Register: Vol. 65, No. 192.

4/ Final rule issued in Federal Register: November 9, 2001 (Volume 66, Number 218).

5/ As provided under the Nonforeign Area Retirement Equity Assurance Act of 2009 (NAREAA) (subtitle B of title XIX of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84, October 28, 2009)), the locality rate for each nonforeign area will be set at two-thirds of the applicable locality rate in January 2011 and the full applicable locality rate in January 2012. Employees in nonforeign areas, e.g. Hawaii, have corresponding reductions in their cost-of-living allowances (COLAs) when locality rates increase.

6/ Washington, D.C. living costs=100. Based on a survey of comparative costs for Federal employees in February 1996. The detailed methodology is described in the Federal Register: March 25, 1997.

7/ Per 6/ except the survey period was 1998 and publication in the Federal Register was July 17, 2000.

8/ Per 7/ except the survey period was 2007 and publication in the Federal Register was May 29, 2008.

Source: U.S. Office of Personnel Management, *Federal Register Online* via GPO Access

<<http://www.wais.access.gpo.gov>>, Vol. 62, No. 57, March 25, 1997; Vol. 62, No. 231, December 2, 1997; Vol. 63, No. 203, October 21, 1998; Vol. 63, No. 219, November 13, 1998; and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed May 15, 2000. OMP-announced Federal COLA Retro Settlement, 06-23-00 and further developments <<http://www.opm.gov/oca/compmemo/2000/2000-10.htm>>. OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000; OMP, "Cost-of-Living Allowances" Vol. 65, No. 192, October 3, 2000 and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed June 30, 2007; and *Federal Register*, Vol. 73, No. 104, May 29, 2008

<<http://edocket.access.gpo.gov/2008/pdf/E8-12020.pdf>> accessed May 29, 2008; OPM "Nonforeign Area Cost-of-Living Allowances" <<http://www.opm.gov/oca/cola/rates.asp>> accessed July 8, 2011; OPM, Memorandum for Heads of Executive Departments and Agencies "Executive Order for 2011 Pay Schedules" (December 20, 2010) <<http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=3300>> accessed July 11, 2012; OPM, "COLA and Locality Pay Rates in Nonforeign Areas 2009-2015" <<https://www.opm.gov/policy-data-oversight/pay-leave/pay-systems/nonforeign-areas/#url=COLA-Rates>> accessed July 22, 2015; Ibid. "2016" accessed June 6, 2016; Ibid. "2017" accessed April 18, 2017; Ibid. "2018" accessed April 19, 2018; Ibid. "2019" accessed April 25, 2019; Ibid. "2020" accessed June 4, 2020; and Ibid "2021" accessed June 10, 2021.

Table 14.26-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND: 2021

[As of June 16, 2021. Index number continental United States=100]

Effective date	Locality	Locality code 1/	Index
May 16, 2019	Hawaii (island)	HI001	122
July 1, 2019	Kauai	HI003	126
July 1, 2019	Maui	HI005	126
July 1, 2019	Molokai	HI007	126
July 1, 2019	Oahu	HI009	116
November 8, 1989	Other islands	HI999	(1/)

1/ Locality Code is assigned by the Department of Defense to identify each area entitled to COLA. Location code "HI 999 - Other islands" is a valid location but COLA is not currently prescribed for this Hawaii location.

Source: U.S. Department of Defense, Defense Travel Management Committee, Overseas Cost-of-Living Program, "Changes Effective 16 June 2021, Table III - Cost-of-Living Allowance (COLA) Indexes", p.3 <https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/COLA/Compensation_Tables/Pay_Tables/> accessed June 16, 2021.

Table 14.27-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION: 2021

[As of July 1, 2021. In dollars per day. To calculate a per diem rate: maximum lodging plus meals (local, proportional, or government) plus incidental rate (local or onbase) as specified in the travel orders. Once effective, the rates apply January 1 - December 31]

Locality	Maximum per diem rate 1/	Lodging	Local meals rate	Proportional meals rate	Local incidental rate	Effective date
Camp H.M. Smith	326	177	119	67	30	January 1, 2021
CNI NAVMAG Pearl Harbor-Hickam	326	177	119	67	30	January 1, 2021
Ft. DeRussey	326	177	119	67	30	January 1, 2021
Ft. Shafter	326	177	119	67	30	January 1, 2021
Hickam Air Force Base	326	177	119	67	30	January 1, 2021
Honolulu	326	177	119	67	30	January 1, 2021
Isle of Hawaii: Hilo	319	199	96	56	24	January 1, 2021
Isle of Hawaii: Other	374	218	125	70	31	January 1, 2021
Isle of Kauai	466	325	113	64	28	January 1, 2021
Isle of Maui	454	304	120	68	30	January 1, 2021
Isle of Oahu	326	177	119	67	30	January 1, 2021
Joint Base Pearl Harbor- Hickam	326	177	119	67	30	January 1, 2021
Kapolei	326	177	119	67	30	January 1, 2021
Kilauea Military Camp	319	199	96	56	24	January 1, 2021
Lanai	352	218	107	61	27	January 1, 2021
Lihue (Island of Kauai)	466	325	113	64	28	January 1, 2021
Marine Corps Base Hawaii	326	177	119	67	30	January 1, 2021
Molokai	324	218	85	50	21	January 1, 2021
NOSC Pearl Harbor 2/	326	177	119	67	30	January 1, 2021
Pearl Harbor	326	177	119	67	30	January 1, 2021
PMRF Barking Sands	466	325	113	64	28	January 1, 2021
Schofield Barracks	326	177	119	67	30	January 1, 2021
Tripler Army Medical Center	326	177	119	67	30	January 1, 2021
Wahiawa NCTAMS PAC 3/	326	177	119	67	30	January 1, 2021
Wheeler Army Airfield	326	177	119	67	30	January 1, 2021
Other 4/	367	218	119	67	30	January 1, 2021

1/ For reimbursement of subsistence expenses incurred during official OCONUS (Outside Continental United States) travel.

2/ Naval Operations Support Center Pearl Harbor (NOSC Pearl Harbor).

3/ Wahiawa Naval Computer and Telecommunications Area Master Station, Pacific (NCTAMS PAC).

4/ Use this rate if neither the city nor military installation is listed.

Source: U.S. Department of Defense, Defense Management Travel Office, "Maximum Per Diem Rates Outside the Continental United States Travel Per Diem Allowances, Effective 01 January 2021"

<<http://www.defensetravel.dod.mil/site/perdiem.cfm>> accessed July 3, 2021.