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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.

The 2020 American Community Survey 1-year estimates were disrupted due to the COVID-19 pandemic. As a result, only experimental estimates were released. Because the experimental estimates should not be compared to other American Community Survey releases, 2020 estimates are not included in this section. Experimental estimates may be viewed at <https://www.census.gov/programs-surveys/acs/data/experimental-data/1-year.html>.

Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1977 TO 2021

[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 2021 (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	2/ 67.571	74.399
1978	42.709	47.070	1998	2/ 69.154	75.236
1979	45.917	50.709	1999	71.083	2/ 76.296
1980	50.001	55.286	2000	73.530	2/ 78.025
1981	54.925	60.636	2001	2/ 76.484	79.783
1982	58.586	64.520	2002	2/ 78.336	81.026
1983	61.794	67.291	2003	2/ 80.305	2/ 82.625
1984	66.022	70.255	2004	2/ 82.683	2/ 84.843
1985	69.135	72.345	2005	2/ 85.468	2/ 87.504
1986	72.403	74.497	2006	2/ 88.492	2/ 90.204
1987	74.971	76.506	2007	2/ 91.557	2/ 92.642
1988	77.483	78.970	2008	2/ 93.212	2/ 94.419
1989	80.308	82.050	2009	95.027	95.024
1990	83.047	85.140	2010	96.043	2/ 96.166
1991	86.420	88.154	2011	97.788	98.164
1992	88.478	90.322	2012	100.000	100.000
1993	91.482	92.824	2013	102.042	101.751
1994	93.343	94.848	2014	104.436	103.654
1995	95.477	96.820	2015	107.066	2/ 104.691
1996	97.425	98.453	2016	2/ 108.551	105.740
1997	100.000	100.000	2017	2/ 110.433	107.747
			2018	2/ 113.051	110.321
			2019	2/ 115.921	112.294
			2020	2/ 117.358	113.648
			2021	121.900	118.370

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 2021.

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry (March 31, 2022) <<https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1>> accessed June 21, 2022; 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 2020**

[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. 2008 to 2019 revised from previous *Data Book*]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hawaii: All items	109.7	112.2	110.1	110.0	109.2	111.7	110.8	111.4	110.6	110.0	110.0	111.3	112.0
Goods	106.8	109.0	108.7	108.6	106.3	109.1	109.1	110.8	112.1	112.4	116.2	115.2	111.9
Services: housing	163.2	156.7	157.6	154.8	154.1	159.2	157.3	160.9	155.2	155.1	146.4	150.6	150.2
Services: utilities	122.3	109.5	115.4	123.5	135.1	126.0	120.3	110.7	101.6	103.3	103.2	104.9	104.9
Services: other	99.0	103.0	99.1	99.4	99.1	100.7	99.8	99.9	99.1	98.1	98.1	99.9	100.7
Alabama	89.8	88.7	90.8	90.8	91.2	90.9	91.0	90.3	91.1	90.3	88.0	89.1	89.3
Alaska	106.2	107.3	103.8	105.1	103.6	102.6	103.4	104.4	105.0	106.0	105.2	103.4	103.2
Arizona	102.8	103.6	100.6	99.3	98.4	98.8	98.1	97.9	99.0	98.1	97.6	98.4	99.1
Arkansas	89.0	87.5	89.5	90.3	90.0	90.2	89.9	89.8	89.8	89.1	88.4	88.4	89.2
California	109.9	109.2	108.3	108.0	108.5	108.3	108.3	109.3	108.5	109.8	110.8	109.9	110.4
Colorado	103.0	102.0	100.3	102.5	102.9	103.0	102.2	102.7	102.3	102.7	99.7	102.0	102.9
Connecticut	109.2	109.1	106.0	106.9	106.4	106.7	106.4	106.4	106.5	106.3	103.0	102.9	103.4
Delaware	100.8	101.9	101.6	100.8	99.5	98.8	100.1	98.7	99.1	98.4	98.0	98.9	97.9
Dist. of Columbia	111.9	112.3	113.1	112.4	110.7	113.2	113.4	112.4	110.7	109.4	110.9	109.1	111.5
Florida	101.8	100.9	100.8	101.2	101.3	101.0	101.0	101.5	101.5	101.3	100.7	99.9	100.7
Georgia	94.8	92.3	95.2	94.0	95.7	95.3	95.3	95.1	95.5	95.6	95.1	94.8	94.5
Hawaii	109.7	112.2	110.1	110.0	109.2	111.7	110.8	111.4	110.6	110.0	110.0	111.3	112.0
Idaho	95.1	95.4	93.1	94.4	93.6	93.4	94.2	94.4	92.8	94.9	91.7	92.9	91.2
Illinois	100.3	101.8	101.9	102.1	101.3	100.6	100.0	99.2	99.8	100.5	100.7	99.8	100.5
Indiana	92.5	93.0	93.8	93.0	93.2	93.4	93.5	92.2	92.2	91.6	93.3	93.4	92.5
Iowa	88.2	89.8	91.6	90.5	91.3	91.7	92.1	89.9	90.3	89.5	91.6	91.9	91.0
Kansas	90.7	92.3	93.6	93.4	94.0	93.7	94.1	93.4	92.6	92.1	93.1	93.1	92.4
Kentucky	90.1	89.0	90.6	91.0	90.8	91.6	91.3	90.9	90.6	90.2	89.5	90.0	89.8
Louisiana	92.8	92.0	93.8	94.0	94.3	94.2	94.3	94.0	94.5	93.5	92.0	91.8	92.7
Maine	97.8	97.4	95.4	95.9	96.2	96.7	93.1	95.7	94.8	96.5	96.7	96.5	96.8
Maryland	108.5	109.8	108.0	109.2	107.1	108.2	107.7	107.7	106.9	106.7	106.0	104.8	106.5
Massachusetts	105.7	104.6	104.4	104.3	103.7	102.7	104.2	104.5	107.4	106.2	106.8	106.7	107.4
Michigan	95.5	95.7	95.6	95.0	94.7	95.1	95.5	93.8	93.6	92.5	94.2	95.1	94.0

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**Table 14.02-- REGIONAL PRICE PARITIES (RPPs), ALL ITEMS, BY STATE, AND FOR HAWAII,
BY COMPONENT: 2008 TO 2020 -- Con.**

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 1/	2018 1/	2019	2020
Minnesota	96.4	98.6	97.9	97.5	97.6	97.9	98.7	97.4	97.2	96.6	99.4	98.7	98.6
Mississippi	89.2	86.8	89.4	89.9	89.1	89.8	89.8	89.2	89.2	88.1	87.2	87.6	87.8
Missouri	89.4	91.0	93.5	92.9	92.9	93.5	94.4	93.0	92.5	92.5	92.4	93.0	92.5
Montana	95.8	94.6	93.2	95.6	93.9	93.9	95.1	96.4	94.2	95.5	92.2	94.1	92.4
Nebraska	90.8	91.7	93.0	92.5	93.1	92.8	92.9	92.3	91.7	90.8	92.9	93.4	92.9
Nevada	101.6	103.6	100.9	102.1	101.7	99.8	99.2	98.6	97.4	100.2	96.5	98.9	97.1
New Hampshire	105.9	103.6	102.9	102.3	101.9	101.6	101.4	102.5	104.4	104.2	103.1	103.4	103.7
New Jersey	106.9	110.9	108.5	109.3	109.3	108.8	109.0	109.0	108.9	109.2	110.8	110.9	111.2
New Mexico	94.9	96.1	94.6	96.9	96.5	95.5	95.4	94.6	94.1	95.6	91.8	93.2	91.6
New York	111.1	110.7	109.5	110.5	109.5	109.4	108.7	109.5	109.9	109.8	109.3	109.5	110.2
North Carolina	93.0	91.8	93.4	94.0	93.8	94.2	94.3	93.9	94.3	93.7	93.2	92.2	91.8
North Dakota	86.8	89.4	90.9	90.4	93.8	93.1	93.5	92.8	91.7	90.0	92.5	92.2	92.0
Ohio	92.5	93.5	93.4	92.4	93.2	93.3	93.2	92.4	92.6	92.0	92.9	93.2	91.7
Oklahoma	90.9	89.9	91.6	92.1	92.3	92.4	92.6	92.1	92.1	91.7	91.0	90.4	91.3
Oregon	97.6	99.9	98.8	99.4	100.4	99.8	99.0	100.2	99.2	101.0	103.8	103.5	102.6
Pennsylvania	99.1	99.3	99.0	98.4	98.1	97.9	97.3	98.3	97.8	99.0	98.1	97.9	97.6
Rhode Island	102.0	102.7	100.7	100.4	99.2	101.0	99.4	100.9	100.7	100.9	101.3	101.6	101.8
South Carolina	92.7	91.8	93.4	93.9	93.4	93.8	93.5	93.7	94.4	93.5	92.8	92.1	91.6
South Dakota	86.0	87.2	88.8	88.0	91.2	90.2	90.5	89.2	89.3	88.7	91.3	92.3	91.5
Tennessee	92.1	90.8	92.8	93.4	93.8	93.6	93.2	93.1	94.3	93.5	90.3	91.9	92.2
Texas	97.5	97.3	98.1	97.4	98.1	98.5	98.8	98.9	98.4	97.9	98.4	99.1	99.5
Utah	97.4	100.0	97.6	99.6	99.3	98.6	97.7	97.6	96.6	98.9	96.2	97.4	95.3
Vermont	101.0	100.8	99.2	98.7	99.4	99.9	98.3	100.1	99.5	100.6	99.7	99.0	99.3
Virginia	103.3	102.6	104.0	103.5	102.6	103.6	103.6	103.8	103.0	101.4	102.2	100.3	101.0
Washington	104.0	104.5	102.1	102.7	102.4	102.1	103.3	103.4	104.8	107.0	106.6	107.1	107.4
West Virginia	88.1	86.9	89.3	89.4	89.2	90.0	90.3	91.0	90.5	89.1	89.4	88.3	88.0
Wisconsin	93.3	94.1	94.6	93.9	94.2	94.0	94.2	93.5	93.6	93.2	94.1	94.5	93.2
Wyoming	96.0	96.9	95.8	97.5	97.1	96.7	97.8	97.9	97.7	97.5	93.5	93.4	92.3

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (December 14, 2021) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed June 21, 2022. See also "Real Personal Income for States and Metropolitan Areas, 2020" <https://www.bea.gov/sites/default/files/2020-12/rpp1220_0.pdf> accessed June 21, 2022.

Table 14.03-- IMPLICIT REGIONAL PRICE DEFLATOR, BY STATE: 2008 TO 2020

[Calculated as personal income divided by real personal income. Base year is 2012. 2008 to 2019 revised from previous *Data Book*]

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Alabama	84.7	83.4	86.9	89.2	91.2	92.2	93.6	93.1	94.9	95.8	95.3	97.9	99.3
Alaska	100.2	100.9	99.4	103.2	103.6	104.0	106.4	107.7	109.4	112.5	113.9	113.7	114.8
Arizona	97.0	97.5	96.4	97.5	98.4	100.1	100.9	101.0	103.1	104.0	105.8	108.2	110.2
Arkansas	83.9	82.3	85.7	88.6	90.0	91.4	92.5	92.6	93.6	94.5	95.7	97.2	99.2
California	103.7	102.7	103.7	106.1	108.5	109.7	111.5	112.7	113.0	116.4	120.0	120.8	122.8
Colorado	97.1	95.9	96.0	100.6	102.9	104.4	105.2	105.9	106.5	108.9	108.0	112.2	114.4
Connecticut	103.0	102.7	101.5	104.9	106.4	108.2	109.5	109.7	111.0	112.8	111.6	113.1	115.1
Delaware	95.1	95.9	97.3	99.0	99.5	100.2	103.0	101.8	103.2	104.4	106.1	108.7	108.9
Dist. of Col.	105.5	105.6	108.3	110.3	110.7	114.8	116.7	116.0	115.3	116.0	120.1	119.9	124.0
Florida	96.0	94.9	96.5	99.4	101.3	102.4	104.0	104.7	105.7	107.4	109.1	109.9	112.0
Georgia	89.4	86.8	91.1	92.3	95.7	96.6	98.1	98.1	99.5	101.4	103.1	104.2	105.2
Hawaii	103.5	105.5	105.4	108.0	109.2	113.2	114.0	114.9	115.2	116.7	119.2	122.4	124.6
Idaho	89.7	89.7	89.2	92.7	93.6	94.7	96.9	97.4	96.7	100.7	99.3	102.2	101.4
Illinois	94.6	95.8	97.6	100.3	101.3	102.0	102.8	102.2	103.9	106.6	109.1	109.7	111.8
Indiana	87.3	87.5	89.8	91.3	93.2	94.7	96.2	95.1	96.0	97.1	101.1	102.7	102.9
Iowa	83.2	84.5	87.7	88.8	91.3	92.9	94.7	92.7	94.0	94.9	99.2	101.0	101.3
Kansas	85.6	86.8	89.6	91.7	94.0	94.9	96.8	96.3	96.5	97.7	100.8	102.3	102.7
Kentucky	85.0	83.7	86.8	89.4	90.8	92.8	93.9	93.7	94.3	95.7	97.0	98.9	99.9
Louisiana	87.6	86.6	89.8	92.3	94.3	95.5	97.1	96.9	98.4	99.1	99.6	100.9	103.1
Maine	92.3	91.6	91.4	94.2	96.2	98.0	95.8	98.7	98.8	102.4	104.7	106.1	107.6
Maryland	102.3	103.3	103.5	107.2	107.1	109.6	110.8	111.1	111.3	113.1	114.8	115.2	118.4
Massachusetts	99.7	98.4	100.0	102.4	103.7	104.1	107.2	107.8	111.9	112.6	115.7	117.2	119.5
Michigan	90.1	90.1	91.6	93.2	94.7	96.4	98.3	96.7	97.5	98.1	102.1	104.5	104.6
Minnesota	90.9	92.7	93.7	95.8	97.6	99.2	101.6	100.5	101.2	102.5	107.7	108.5	109.7
Mississippi	84.1	81.7	85.6	88.3	89.1	91.0	92.4	92.0	92.9	93.5	94.4	96.3	97.6
Missouri	84.3	85.6	89.6	91.2	92.9	94.8	97.1	95.9	96.3	98.1	100.1	102.2	102.9
Montana	90.4	89.0	89.2	93.9	93.9	95.2	97.9	99.4	98.1	101.3	99.9	103.4	102.8

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Table 14.03-- IMPLICIT REGIONAL PRICE DEFLATOR, BY STATE: 2008 TO 2020 -- Con.

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Nebraska	85.7	86.2	89.0	90.8	93.1	94.1	95.6	95.1	95.5	96.3	100.6	102.6	103.3
Nevada	95.8	97.5	96.6	100.2	101.7	101.1	102.1	101.7	101.4	106.3	104.5	108.7	108.0
New Hampshire	99.9	97.4	98.5	100.5	101.9	103.0	104.3	105.7	108.7	110.5	111.7	113.6	115.4
New Jersey	100.8	104.3	103.8	107.3	109.3	110.3	112.1	112.4	113.4	115.8	120.1	121.9	123.6
New Mexico	89.5	90.4	90.6	95.1	96.5	96.8	98.2	97.6	98.0	101.4	99.4	102.4	101.8
New York	104.8	104.1	104.9	108.4	109.5	110.9	111.9	112.9	114.4	116.4	118.4	120.3	122.6
North Carolina	87.7	86.3	89.5	92.3	93.8	95.5	97.0	96.9	98.2	99.4	101.0	101.3	102.1
North Dakota	81.9	84.1	87.0	88.8	93.8	94.4	96.2	95.7	95.5	95.5	100.2	101.4	102.4
Ohio	87.3	87.9	89.4	90.7	93.2	94.5	95.9	95.3	96.5	97.5	100.6	102.5	102.0
Oklahoma	85.7	84.6	87.7	90.4	92.3	93.7	95.3	94.9	95.9	97.2	98.6	99.4	101.6
Oregon	92.1	94.0	94.6	97.5	100.4	101.1	101.8	103.3	103.3	107.1	112.5	113.8	114.1
Pennsylvania	93.4	93.4	94.8	96.6	98.1	99.2	100.1	101.3	101.9	105.0	106.2	107.6	108.5
Rhode Island	96.3	96.6	96.5	98.5	99.2	102.3	102.3	104.0	104.9	107.0	109.7	111.7	113.3
South Carolina	87.4	86.3	89.4	92.2	93.4	95.1	96.2	96.7	98.3	99.2	100.5	101.2	101.9
South Dakota	81.1	82.1	85.0	86.4	91.2	91.4	93.1	92.0	93.0	94.1	98.9	101.4	101.8
Tennessee	86.8	85.4	88.9	91.6	93.8	94.8	95.9	96.0	98.2	99.2	97.8	101.0	102.5
Texas	92.0	91.5	93.9	95.7	98.1	99.8	101.6	102.0	102.5	103.8	106.5	108.9	110.7
Utah	91.9	94.1	93.5	97.8	99.3	99.9	100.6	100.7	100.6	104.8	104.2	107.1	106.0
Vermont	95.3	94.8	95.0	96.9	99.4	101.2	101.1	103.2	103.6	106.7	107.9	108.8	110.5
Virginia	97.4	96.5	99.5	101.6	102.6	105.0	106.6	107.0	107.3	107.5	110.7	110.2	112.3
Washington	98.1	98.3	97.8	100.9	102.4	103.5	106.3	106.6	109.2	113.5	115.5	117.8	119.4
West Virginia	83.1	81.8	85.5	87.8	89.2	91.2	92.9	93.8	94.2	94.5	96.8	97.1	97.8
Wisconsin	88.0	88.5	90.6	92.2	94.2	95.3	96.9	96.4	97.5	98.9	102.0	103.9	103.6
Wyoming	90.5	91.2	91.7	95.7	97.1	98.0	100.6	100.9	101.8	103.4	101.3	102.7	102.6

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (December 14, 2021) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed December 14, 2021. See also "Real Personal Income for States and Metropolitan Areas, 2020" <<https://www.bea.gov/sites/default/files/2021-12/rpp1221.pdf>> accessed December 14, 2021.

**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS,
ALL ITEMS, FOR URBAN HAWAII AND UNITED STATES: 1940 TO 2021**

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

Year	Urban Hawaii 1/		United States	
	Annual average	Percent chg. 2/	Annual average	Percent chg. 2/
1940	14.7	(X)	14.0	0.7
1941	15.5	5.4	14.7	5.0
1942	17.6	13.5	16.3	10.9
1943	18.9	7.4	17.3	6.1
1944	19.2	1.6	17.6	1.7
1945	19.7	2.6	18.0	2.3
1946	21.0	6.6	19.5	8.3
1947	24.4	16.2	22.3	14.4
1948	25.7	5.3	24.1	8.1
1949	25.2	-1.9	23.8	-1.2
1950	24.3	-3.6	24.1	1.3
1951	25.7	5.8	26.0	7.9
1952	26.5	3.1	26.5	1.9
1953	26.7	0.8	26.7	0.8
1954	26.9	0.7	26.9	0.7
1955	27.3	1.5	26.8	-0.4
1956	27.7	1.5	27.2	1.5
1957	28.6	3.2	28.1	3.3
1958	30.0	4.9	28.9	2.8
1959	30.5	1.7	29.1	0.7
1960	31.3	2.6	29.6	1.7
1961	32.1	2.6	29.9	1.0
1962	32.8	2.2	30.2	1.0
1963	33.5	2.1	30.6	1.3
1964	33.7	0.6	31.0	1.3
1965	34.4	2.1	31.5	1.6
1966	35.3	2.6	32.4	2.9
1967	36.3	2.8	33.4	3.1
1968	37.7	3.9	34.8	4.2
1969	39.4	4.5	36.7	5.5
1970	41.5	5.3	38.8	5.7
1971	43.2	4.1	40.5	4.4
1972	44.6	3.2	41.8	3.2
1973	46.6	4.5	44.4	6.2
1974	51.5	10.5	49.3	11.0
1975	56.3	9.3	53.8	9.1
1976	59.1	5.0	56.9	5.8
1977	62.1	5.1	60.6	6.5
1978	66.9	7.7	65.2	7.6
1979	74.3	11.1	72.6	11.3

Continued on next page.

**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS,
ALL ITEMS, FOR URBAN HAWAII AND UNITED STATES: 1940 TO 2021 -- Con.**

Year	Urban Hawaii 1/		United States	
	Annual average	Percent chg. 2/	Annual average	Percent chg. 2/
1980	83.0	11.7	82.4	13.5
1981	91.7	10.5	90.9	10.3
1982	97.2	6.0	96.5	6.2
1983	99.3	2.2	99.6	3.2
1984	103.5	4.2	103.9	4.3
1985	106.8	3.2	107.6	3.6
1986	109.4	2.4	109.6	1.9
1987	114.9	5.0	113.6	3.6
1988	121.7	5.9	118.3	4.1
1989	128.7	5.8	124.0	4.8
1990	138.1	7.3	130.7	5.4
1991	148.0	7.2	136.2	4.2
1992	155.1	4.8	140.3	3.0
1993	160.1	3.2	144.5	3.0
1994	164.5	2.7	148.2	2.6
1995	168.1	2.2	152.4	2.8
1996	170.7	1.5	156.9	3.0
1997	171.9	0.7	160.5	2.3
1998	171.5	-0.2	163.0	1.6
1999	173.3	1.0	166.6	2.2
2000	176.3	1.7	172.2	3.4
2001	178.4	1.2	177.1	2.8
2002	180.3	1.1	179.9	1.6
2003	184.5	2.3	184.0	2.3
2004	190.6	3.3	188.9	2.7
2005	197.8	3.8	195.3	3.4
2006	209.4	5.9	201.6	3.2
2007	219.504	4.8	207.342	2.8
2008	228.861	4.3	215.303	3.8
2009	230.048	0.5	214.537	-0.4
2010	234.869	2.1	218.056	1.6
2011	243.622	3.7	224.939	3.2
2012	249.474	2.4	229.594	2.1
2013	253.924	1.8	232.957	1.5
2014	257.589	1.4	236.736	1.6
2015	260.165	1.0	237.017	0.1
2016	265.283	2.0	240.007	1.3
2017	272.014	2.5	245.120	2.1
2018	277.078	1.9	251.107	2.4
2019	281.585	1.6	255.657	1.8
2020	286.008	1.6	258.811	1.2
2021	296.818	3.8	270.970	4.7

Continued on next page.

**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS,
ALL ITEMS, FOR URBAN HAWAII AND UNITED STATES:
1940 TO 2021 -- 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 12, 2022.

Table 14.05-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR URBAN HAWAII: SEMI-ANNUAL AND ANNUAL AVERAGE, 2007 TO 2021

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
2021	296.818	292.475	301.161	294.502	290.194	298.811
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
2021	3.8	2.6	5.0	4.0	2.8	5.2

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 2021, <https://www.bls.gov/regions/west/data/cpi_tables.pdf> accessed January 12, 2022.

**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, 2018 TO 2021**

[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	2018	2019	2020	2021
All items	277.078	281.585	286.008	296.818
Food and beverages	281.796	287.622	301.370	312.618
Food	282.565	288.541	302.024	313.001
Food at home	273.914	276.432	295.849	309.044
Cereals and bakery products	314.378	310.230	323.041	337.120
Meats, poultry, fish, and eggs	255.360	257.442	273.842	305.989
Dairy and related products	226.558	236.764	244.631	244.375
Fruits and vegetables	334.659	342.584	372.534	373.721
Other food at home	264.316	262.397	285.187	287.045
Food away from home	285.602	295.250	301.157	309.129
Nonalc. bev. & bev. materials 1/	337.736	344.405	372.005	408.597
Alcoholic beverages	267.326	270.301	(NA)	304.801
Housing	300.679	307.889	314.089	323.600
Shelter	327.066	335.875	344.244	354.402
Rent of primary residence	319.242	325.794	341.571	347.912
Owners' equiv. rent of residences 2/	339.871	349.297	354.081	362.730
Owners' equiv. rent of prim. res. 2/	339.871	349.297	354.081	362.730
Fuel and utilities	362.400	368.109	358.312	377.189
Household energy 3/	295.374	293.676	272.792	294.786
Energy services 4/	290.309	288.611	267.984	289.294
Electricity	287.790	285.442	265.360	285.240
Utility (piped) gas service	286.182	300.105	271.268	321.059
Household furnishings & operation	146.797	146.721	150.351	151.982
Household furn. and supplies 5/	84.020	83.947	85.154	85.289
Apparel	110.259	114.795	113.298	109.057
Transportation	227.694	223.689	212.767	237.344
Private transportation	224.967	223.651	215.510	243.452
Transp. comm. less motor fuel 5/	103.337	101.804	101.798	113.082
New and used motor vehicles 6/	107.442	104.538	102.827	114.220
New vehicles 1/	170.179	166.341	164.771	171.693
Used cars and trucks 1/	240.659	241.524	247.692	310.966
Motor fuel	265.785	262.456	240.369	303.780
Gasoline (all types)	272.733	269.292	246.639	311.824
Gasoline, unleaded regular 7/	285.428	280.961	255.269	322.823
Gasoline, unleaded midgrade 7/ 8/	224.844	225.556	217.791	260.461
Gasoline, unleaded premium 7/	246.398	246.794	232.371	295.717
Motor vehicle insurance 1/	471.363	484.605	450.955	457.720

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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, 2018 TO 2021 -- Con.

Group	2018	2019	2020	2021
Medical care	(NA)	(NA)	(NA)	438.199
Recreation 8/	128.651	130.977	135.660	138.901
Education and communication 6/	142.193	143.547	147.241	151.058
Educ. and comm. commodities 5	74.451	70.246	65.031	57.495
Educ. and comm. services 5/	117.796	119.749	124.168	128.474
Tuition, other sch. fees, & childcare 1/	(NA)	1,773.925	1,805.277	1,851.118
Other goods and services	497.228	504.378	498.753	525.471
Other goods 5/	117.907	117.856	114.363	121.893
Other personal services 5/	128.386	131.774	132.098	(NA)
Commodity and service group				
All items	277.078	281.585	286.008	296.818
Commodities	204.871	206.547	209.123	220.232
Commodities less food & bev.	157.835	157.421	153.792	164.568
Nondurables less food & bev.	199.273	199.496	192.360	205.909
Durables	112.614	111.732	111.044	118.770
Services	340.140	347.082	353.103	363.728
Special aggregate indexes				
All items less shelter	255.550	257.895	260.333	271.697
All items less medical care	269.515	273.841	278.061	289.176
All items less energy	278.742	283.781	289.805	298.626
All items less food and energy	279.886	284.780	289.337	297.788
Energy	276.671	274.053	253.187	297.749
Commodities less food	161.936	161.599	158.614	169.582
Nondurables less food	203.537	203.900	198.430	212.095
Nondurables	242.000	245.100	249.431	261.604
Services less rent of shelter 2/	355.547	359.254	361.245	372.396
Services less medical care services	332.290	339.015	344.333	355.236

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 12, 2022.

Table 14.07-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR HONOLULU AND THE UNITED STATES: DECEMBER 2020 AND 2021

[Percent of all items. 2020 based on the 2017-2018 weights and 2021 based on the 2019-2020 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	2020 CPI-U		2021 CPI-U	
	Honolulu	United States	Honolulu	United States
Relative importance of area	0.469	100.000	0.458	100.000
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	17.366	15.157	14.614	14.259
Food	16.372	14.119	13.812	13.370
Food at home	9.055	7.772	8.443	8.165
Cereals and bakery products	(NA)	1.001	(NA)	1.030
Meats, poultry, fish, and eggs	(NA)	1.736	(NA)	1.888
Meats, poultry, and fish	(NA)	1.637	(NA)	1.779
Dairy and related products	(NA)	0.792	(NA)	0.752
Fruits and vegetables	(NA)	1.341	(NA)	1.408
Other food at home	(NA)	1.972	(NA)	2.153
Food away from home	7.317	6.347	5.369	5.205
Alcoholic beverages	0.993	1.038	0.802	0.889
Housing	48.639	42.385	50.375	42.363
Shelter	41.221	33.316	42.297	32.946
Rent of primary residence	9.624	7.862	11.706	7.398
Tenants' and household insurance	(NA)	0.366	(NA)	0.383
Owners' equivalent rent of residences	30.556	24.263	29.177	24.251
Owners' equivalent rent of primary res.	30.298	23.044	28.376	22.988
Lodging away from home	(NA)	0.825	(NA)	0.914
Fuels and utilities	4.134	4.387	4.838	4.637
Household energy	2.270	3.280	3.127	3.526
Fuel oil and other fuels	(NA)	0.145	(NA)	0.192
Fuel oil	(NA)	0.084	(NA)	0.115
Propane, kerosene, and firewood	(NA)	0.061	(NA)	0.077
Energy services 1/	2.244	3.135	3.069	3.334
Electricity	2.146	2.425	2.927	2.454
Utility (piped) gas service	0.098	0.710	0.142	0.879
Water & sewer & trash collection serv.	(NA)	1.107	(NA)	1.111
Household furnishings and operations	3.284	4.682	3.240	4.780

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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 2020 AND 2021 -- Con.

Group	2020 CPI-U		2021 CPI-U	
	Honolulu	United States	Honolulu	United States
EXPENDITURE CATEGORY -- Con.				
Apparel	2.485	2.663	1.591	2.458
Men's and boys' apparel	(NA)	0.666	(NA)	0.625
Women's and girls' apparel	(NA)	1.075	(NA)	0.952
Footwear	(NA)	0.644	(NA)	0.610
Infants' and toddlers' apparel	(NA)	0.125	(NA)	0.113
Jewelry and watches	(NA)	0.153	(NA)	0.158
Transportation	11.393	15.160	14.503	18.182
Private transportation	10.292	14.055	13.271	17.404
Motor fuel	2.608	2.875	3.487	3.822
Gasoline (all types)	2.600	2.811	3.477	3.748
Public transportation 2/	1.101	1.105	1.232	0.777
Medical care	6.958	8.870	6.831	8.487
Medical care commodities 3/	1.124	1.580	1.154	1.524
Medical care services 3/	5.834	7.289	5.677	6.962
Recreation	4.827	5.797	3.722	5.108
Education and communication	6.023	6.810	6.329	6.406
Other goods and services	2.309	3.159	2.034	2.737
Personal care	(NA)	2.551	(NA)	2.211
COMMODITY AND SERVICE GROUP 4/				
All items	100.000	100.000	100.000	100.000
Commodities	33.529	37.339	31.833	39.083
Commodities less food and beverages	16.164	22.182	17.218	24.824
Nondurables less food and beverages	9.062	11.241	8.839	11.767
Durables	7.102	10.942	8.379	13.057
Services	66.471	62.661	68.167	60.917

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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 2020 AND 2021 -- Con.

Group	2020 CPI-U		2021 CPI-U	
	Honolulu	United States	Honolulu	United States
SPECIAL AGGREGATE INDEXES 4/				
All items less shelter	58.779	66.684	57.703	67.054
All items less medical care	93.042	91.130	93.169	91.513
All items less energy	95.122	93.845	93.386	92.652
All items less food and energy	78.750	79.726	79.574	79.282
Energy	4.878	6.155	6.614	7.348
Commodities less food	17.157	23.220	18.020	25.713
Nondurables less food	10.056	12.278	9.641	12.656
Nondurables	26.428	26.397	23.453	26.027
Services less rent of shelter	25.483	29.711	26.154	28.354
Rent of shelter 5/	40.988	32.950	42.013	32.563
Services less medical care services	60.637	55.372	62.490	53.954

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 21, 2022.

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. The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-acs-1-year-data.html>>]

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

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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 -- Con.

X Not applicable.

Source: U.S. Census Bureau, 2019 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. The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, please see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-acs-1-year-data.html>>]

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

Continued on next page.

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 -- Con.

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

Source: U.S. Census Bureau, American Community Survey 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. The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, please see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-acs-1-year-data.html>>]

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

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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
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/)
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, 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 2021

[In percent change from previous period and number. Period ending 2021 4th quarter unless otherwise indicated. The House Price Index (HPI) 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/	17.54	(X)	54.45	258.04
Arizona	27.42	1	84.17	403.96
Utah	27.05	2	91.03	556.14
Idaho	27.02	3	118.17	480.22
Florida	25.65	4	71.95	355.59
Tennessee	24.10	5	71.38	291.64
Montana	23.78	6	66.50	498.45
Nevada	23.03	7	75.71	273.25
South Carolina	21.41	8	60.43	245.36
North Carolina	21.13	9	63.96	248.42
Georgia	20.89	10	65.05	244.01
Maine	20.17	11	62.90	270.11
Hawaii	20.16	12	46.55	241.37
Washington	20.12	13	77.04	434.51
South Dakota	20.06	14	52.75	311.48
Vermont	20.00	15	53.02	229.98
California	19.62	16	58.22	290.94
Texas	19.33	17	54.02	291.96
Arkansas	19.21	18	48.49	198.11
New Hampshire	18.46	19	62.99	262.19
Colorado	18.20	20	62.46	534.38
Oregon	18.05	21	57.40	488.92
Alabama	17.57	22	53.23	205.98
Mississippi	17.54	23	38.80	171.16
Rhode Island	16.93	24	59.69	227.68
Oklahoma	16.59	25	44.33	219.50
Wyoming	15.83	26	42.20	354.65
New Mexico	15.66	27	48.47	230.64
Michigan	15.42	28	56.45	208.38
New Jersey	15.37	29	45.14	218.78
Delaware	15.11	30	43.12	172.60
Missouri	14.94	31	50.93	220.51

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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 2021 -- Con.

State	One-year 1/ (percent)	Rank 2/	Five-year (percent)	Since 1991, 1st quarter (percent)
Massachusetts	14.83	32	50.62	285.33
Indiana	14.62	33	56.06	189.60
Nebraska	14.52	34	51.80	251.79
Kentucky	13.83	35	47.97	217.16
Connecticut	13.63	36	38.69	127.64
Ohio	13.53	37	52.97	173.25
Wisconsin	13.53	38	51.11	248.25
Virginia	13.41	39	43.95	238.44
New York	13.38	40	45.89	221.03
Pennsylvania	13.32	41	45.37	197.21
Kansas	12.97	42	44.94	222.82
Minnesota	12.80	43	46.53	273.09
Illinois	12.54	44	32.08	150.48
West Virginia	12.03	45	28.51	166.67
Iowa	11.60	46	35.54	205.55
Alaska	11.29	47	28.72	218.87
Maryland	10.77	48	33.85	212.21
North Dakota	10.32	49	23.47	273.97
Louisiana	10.18	50	25.89	234.11
District of Columbia	6.61	51	31.24	524.10

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 17.5 Percent over the Last Year; Up 3.3 Percent from the Third Quarter" pp. 16-17 (February 22, 2022)

<<https://www.fhfa.gov/DataTools/Downloads/Pages/House-Price-Index.aspx>> accessed February 22, 2022.

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: 2019 TO 2022**

[The CNBC survey scored all 50 states on as many as 88 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 for highest 2022 category weights]

Category	2019			2021			2022		
	Category wt. 1/	Score	Rank	Category wt. 1/	Score	Rank	Category wt. 1/	Score	Rank
Overall	2,500	941	49	2,500	1,011	49	2,500	1,055	46
Workforce	450	182	46	325	194	18	410	229	19
Infrastructure 2/	350	107	49	375	162	39	380	165	39
Cost of doing business	350	50	49	400	65	50	345	41	50
Life, health, & inclusion	325	297	1	375	284	2	325	262	3
Economy	375	93	47	250	51	49	325	102	48
Tech. & innovation 3/	175	53	40	175	54	41	250	89	40
Business friendliness	175	51	42	200	84	36	200	84	35
Education	175	93	26	150	74	31	165	74	38
Access to capital	75	14	44	175	41	41	50	8	49
Cost of living	50	1	50	75	2	50	50	1	50

1/ Weighting reevaluated for each study. See "America's Top States for Business: Our methodology and sources" for 2019 <<https://www.cnbc.com/2019/06/08/how-cnbc-chose-americas-top-states-for-business-in-2019.html>> accessed July 24, 2019; for 2021 <<https://www.cnbc.com/2021/06/17/how-we-chose-americas-top-states-for-business-in-2021.html>> accessed July 15, 2021; and for 2022 <<https://www.cnbc.com/2022/06/13/how-we-are-choosing-americas-top-states-for-business-in-2022.html>> accessed July 13, 2022.

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

3/ The 2022 category expands on the former 'Quality of Life' to assess additional livability factors, i.e. availability of child care; and to 'Technology & Innovation' has been added metrics on how friendly the states are toward emerging industries including cryptocurrency and cannabis.

Source: CNBC "America's Top Ten States for Business: 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: 2020**

[Data collected during Child Care Aware of America's January 2021 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/	7,800	7,280	7,280	7,280	7,020	5,000
Alaska	12,048	10,746	4,217	9,510	8,934	3,857
Arizona	11,848	8,719	3,995	7,855	7,390	3,814
Arkansas	7,498	6,575	4,159	5,843	5,346	3,705
California	17,384	12,168	14,399	11,718	10,975	13,479
Colorado 2/	15,881	11,911	3,445	10,587	9,528	3,242
Connecticut	15,808	13,052	5,733	11,752	11,024	4,212
Delaware	11,761	9,579	4,385	8,143	7,387	3,053
Dist. of Columbia 2/	24,378	19,214	9,475	18,425	11,318	7,370
Florida	9,545	7,186	3,221	8,182	6,633	3,274
Georgia	8,901	7,630	(NA)	7,133	6,486	(NA)
Hawaii	16,619	12,040	1,791	8,541	8,356	6,199
Idaho	8,355	8,317	(NA)	8,559	8,309	(NA)
Illinois	15,325	11,605	7,875	9,197	8,457	6,108
Indiana	13,241	9,589	4,788	7,472	6,602	3,858
Iowa	11,356	9,322	3,232	7,452	7,091	2,518
Kansas	12,469	8,742	3,608	7,387	6,535	4,918
Kentucky 2/	7,574	6,841	4,581	6,352	6,108	3,665
Louisiana 2/	8,580	7,800	(NA)	6,825	6,500	(NA)
Maine 2/	10,866	9,891	3,837	8,686	7,978	3,748
Maryland	16,221	11,106	4,729	10,610	8,676	3,858
Massachusetts	22,577	16,781	5,853	14,074	12,927	6,294
Michigan	12,979	11,086	7,706	8,777	8,320	6,068
Minnesota	16,973	12,954	(NA)	8,898	8,103	(NA)
Mississippi 2/	5,933	5,439	(NA)	4,309	3,936	(NA)
Missouri	9,990	7,062	3,615	5,897	5,299	2,995
Montana	10,400	9,334	4,095	8,580	7,800	3,510
Nebraska 2/	11,960	11,440	8,580	10,660	10,140	7,995
Nevada 2/	11,244	9,275	5,072	9,002	8,477	5,843
New Hampshire	13,609	11,114	7,815	9,796	9,308	6,112
New Jersey 2/	16,471	13,367	(NA)	(NA)	(NA)	(NA)
New Mexico 2/	9,587	8,766	(NA)	8,330	7,865	(NA)
New York	16,588	12,844	6,720	10,504	9,724	6,320

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**Table 14.14-- AVERAGE ANNUAL COST OF FULL-TIME CHILD CARE,
BY PROVIDER, BY STATE AND THE DISTRICT OF COLUMBIA:
2020 -- Con.**

Area	Child care center			Family child care		
	Infant	4-year-old	School-age 1/	Infant	4-year-old	School-age 1/
North Carolina	11,046	9,350	(NA)	9,836	9,097	(NA)
North Dakota	9,669	8,624	(NA)	7,991	7,634	(NA)
Ohio	10,161	8,303	3,817	8,242	6,736	3,731
Oklahoma	9,084	7,520	3,358	7,373	6,786	3,163
Oregon	10,983	8,749	(NA)	10,705	8,674	(NA)
Pennsylvania 2/	12,152	10,150	(NA)	8,960	7,894	(NA)
Rhode Island 2/	13,780	11,700	6,240	11,700	9,750	6,446
South Carolina 2/	11,180	9,932	6,600	7,800	7,280	5,200
South Dakota	7,426	6,677	4,867	5,491	5,304	4,040
Tennessee	10,780	8,759	2,937	7,518	6,722	3,040
Texas 2/	10,826	9,147	5,949	9,391	8,239	5,220
Utah	11,232	8,268	3,861	8,400	7,320	3,315
Vermont 2/	13,915	12,835	4,448	9,428	8,885	4,030
Virginia	13,709	10,451	4,938	10,597	9,265	3,514
Washington	17,364	13,404	7,515	12,768	10,584	6,885
West Virginia	8,320	8,320	2,828	7,540	6,760	2,828
Wisconsin	12,984	10,536	4,024	10,215	9,145	4,736
Wyoming 2/	9,608	8,236	5,220	8,683	8,123	5,322

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 2021 survey. Data from previous year adjusted for inflation.

Source: Child Care Aware of America, "Demanding Change: Repairing our Child Care System Appendices" Appendix I: "2020 Average Annual Cost of Full-Time Center-Based Child Care by State" (p. 2) and Appendix II: "2020 Average Annual Cost of Full-Time Family Child Care by State" (p. 4) <<http://usa.childcareaware.org/>> accessed April 12, 2022.

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 11, 2022

[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	5.617	5.813	6.049	6.137
Hawaii rank	2	2	2	4
U. S. average	4.678	5.118	5.415	5.642
Hawaii as percent of U.S. average	120.1	113.6	111.7	108.8
Alabama	4.257	4.656	5.013	5.406
Alaska	5.476	5.708	5.888	6.033
Arizona	5.022	5.359	5.609	5.715
Arkansas	4.266	4.626	4.937	5.264
California	6.088	6.305	6.441	6.802
Colorado	4.856	5.207	5.497	5.450
Connecticut	4.639	5.129	5.477	5.865
Delaware	4.580	5.053	5.306	5.596
District of Columbia	4.886	5.381	5.776	5.952
Florida	4.410	4.833	5.150	5.516
Georgia	4.184	4.590	4.949	5.325
Hawaii	5.617	5.813	6.049	6.137
Idaho	5.209	5.431	5.649	5.826
Illinois	5.148	5.636	6.018	5.727
Indiana	4.731	5.149	5.487	5.912
Iowa	4.475	4.660	5.181	5.290
Kansas	4.462	4.735	5.036	5.263
Kentucky	4.370	4.793	5.126	5.635
Louisiana	4.222	4.600	4.943	5.191
Maine	4.845	5.241	5.550	5.928
Maryland	4.623	5.119	5.400	5.611
Massachusetts	4.745	5.223	5.503	5.918
Michigan	4.798	5.214	5.569	5.846
Minnesota	4.611	4.906	5.286	5.520
Mississippi	4.186	4.538	4.898	5.186
Missouri	4.405	4.736	5.045	5.274
Montana	4.889	5.179	5.466	5.870
Nebraska	4.575	4.753	5.226	5.268
Nevada	5.398	5.631	5.835	5.803
New Hampshire	4.683	5.152	5.461	5.916
New Jersey	4.712	5.253	5.490	5.793
New Mexico	4.500	4.831	5.113	5.412
New York	4.802	5.231	5.549	6.057

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Table 14.16-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JULY 11, 2022 -- Con.

Item	Regular	Mid-grade	Premium	Diesel
North Carolina	4.319	4.718	5.071	5.513
North Dakota	4.588	4.925	5.302	5.501
Ohio	4.574	4.990	5.337	5.920
Oklahoma	4.400	4.745	4.977	5.137
Oregon	5.398	5.605	5.804	6.428
Pennsylvania	4.785	5.192	5.471	5.991
Rhode Island	4.713	5.240	5.544	6.011
South Carolina	4.181	4.570	4.908	5.327
South Dakota	4.665	4.870	5.330	5.362
Tennessee	4.289	4.681	5.043	5.431
Texas	4.226	4.605	4.926	5.060
Utah	5.186	5.397	5.599	5.592
Vermont	4.740	5.267	5.653	5.801
Virginia	4.461	4.920	5.256	5.595
Washington	5.360	5.579	5.758	6.385
West Virginia	4.694	4.990	5.257	5.846
Wisconsin	4.451	4.898	5.277	5.379
Wyoming	4.858	5.080	5.345	5.659

Source: AAA's Daily Gas Prices, National Average, State Prices and Compare Prices <<http://gasprices.aaa.com/>> accessed July 11, 2022; and calculations by the Hawaii Department of Business, Economic Development & Tourism.

Table 14.17-- PARKING GARAGES DOWNTOWN HONOLULU, PARKING RATES, 2018 AND 2019, AND NUMBER OF SPACES AND RANK: 2018 TO 2021

[Ranked according to highest number of parking spaces in 2019, which is unchanged through 2021]

Parking garage	2018			2019			2020	2021
	Rank	No. of spaces	Range of monthly rates (\$)	Rank	No. of spaces	Range of monthly rates (\$)	No. of spaces	No. of spaces
Waterfront Plaza	1	1,255	(1/)	1	1,255	(1/)	1,255	1,255
Bishop Square - ASB/Pauahi Tower	2	1,146	(NA)	2	1,146	(NA)	1,146	1,146
Harbor Court 2/	3	1,048	140	3	1,048	> 220	1,048	1,048
Topa Financial Center	5	902	241-356	4	920	283-450	920	920
801 South St., Bldg. A 3/	4	915	130	5	915	(NA)	915	915
Executive Centre	6	864	240-360	6	864	265	864	864
Kukui Plaza	7	852	100	7	852	(NA)	852	852
801 South St., Bldg. B	8	788	130	8	788	(NA)	788	788
Pacific Guardian Center	9	771	268-427	9	771	8	771	771
Alii Place	10	718	267-382	10	718	267-382	718	718
Kauhale Kakaako	11	698	(NA)	11	698	135	698	698
Hale Pauahi	12	593	(NA)	12	593	90	593	593
Bishop Place 2/	13	564	250-415	13	564	< 415	564	564
Pacific Park Plaza	(4/)	(4/)	(4/)	14	557	204-272	557	557
South Street Garage 5/	14	550	50	15	550	50	550	550
Davies Pacific Center	16	495	(1/)	15	495	356	495	495
Harbor Square	15	495	260-425	17	495	260	495	495
215 N. King St.	17	448	100-145	18	448	120-145	448	448
Walmart	18	418	250-335	19	418	(NA)	418	418
Marin Tower	19	414	125	20	414	125	414	414
Chinatown Cultural Plaza	20	400	150	21	400	160	400	400
Century Square	21	364	(NA)	22	364	(NA)	364	364
City Financial Tower	22	343	(1/)	23	343	(NA)	343	343
Kawaiahao Plaza	23	314	(NA)	24	314	(NA)	314	314
Mark's Garage	24	308	230-446	25	285	240-350	285	285
Keauhou Lane	25	286	145-200	(4/)	(4/)	(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), Ibid "2019" (April 24, 2020), Ibid. "2020" (April 16, 2021) and Ibid. "2021" (April 15, 2022).

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

[The table is based on a survey which compared rental car rates at the top 100 U.S. airports according to traffic for August 2021. Prices shown reflect average weekly rates (from Sunday to Saturday) for the most affordable rental cars, August 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	Anchorage	1,451	26	Little Rock	556
2	Lihue	1,065	27	Hartford	550
3	Portland, Oregon	965	28	Detroit	549
4	Kona	948	29	Knoxville	544
5	Honolulu	937	30	Columbus	540
6	Kahului	895	31	Des Moines	520
7	Portland, Maine	840	32	Chicago (ORD) 2/	519
8	Seattle	746	33	Newark	515
9	Boise	701	34	Pittsburgh	502
10	Minneapolis	690	35	Madison	495
11	Myrtle Beach	659	36	Austin	495
12	Savannah	676	37	Philadelphia	491
13	Spokane	629	38	Sacramento	491
14	Reno	627	39	Chicago (MDW) 2/	489
15	Albany	623	40	Greenboro	488
16	Charleston	617	41	New Orleans	487
17	Fresno	606	42	Cincinnati	483
18	San Juan	599	43	Syracuse	483
19	Fayetteville	589	44	Jacksonville	480
20	Grand Rapids	587	45	Sarasota	477
21	Richmond	579	46	Wichita	469
22	Providence	576	47	Birmingham	465
23	Greenville	570	48	Charlotte	461
24	Boston	568	49	Raleigh	460
25	Omaha	562	50	Milwaukee	460

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

2/ Chicago has 2 airports in the top 50: Rank 32 is O'Hare International Airport (ORD) and Rank 39 is Midway International Airport (MDW).

Source: CheapCarRental "A comparison of car rental rates in the USA - Summer 2021" (August 3, 2021) <<https://www.cheapcarrental.net/press.html>> accessed April 8, 2022.

**Table 14.19-- CAR RENTAL RATES FOR 50 MAJOR UNITED STATES CITIES:
CHRISTMAS PREMIUM 2021**

[The survey compared the rates at 50 popular U.S. destinations over the December 21 to December 27, 2021 period for the cheapest available rental car to the average car rental prices for January 2022. Rates were established on December 15, 2021 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)	Rank	City	Rate (dollars)	'Holiday' premium (percent)
1	Honolulu	754	64	26	Seattle	390	41
2	Boston	718	192	27	Kansas City	383	-5
3	Fort Lauderdale	709	111	28	Portland	380	27
4	Charleston	677	15	29	San Diego	374	10
5	Sarasota	646	49	30	Salt Lake City	371	-37
6	Orlando	631	84	31	Charlotte	366	-16
7	Tampa	580	52	32	Memphis	358	-19
8	San Francisco	561	89	33	Philadelphia	357	27
9	Los Angeles	539	33	34	Wichita	353	-10
10	Atlanta	511	89	35	Milwaukee	352	27
11	Las Vegas	511	61	36	Buffalo	351	70
12	Pittsburgh	506	48	37	Detroit	350	36
13	Richmond	483	80	38	Phoenix	345	-11
14	San Antonio	471	2	39	Tucson	341	5
15	New Orleans	468	-1	40	Denver	335	-18
16	New York City	461	47	41	Louisville	315	27
17	Albuquerque	455	10	42	Washington D.C.	308	12
18	Houston	434	34	43	Cincinnati	305	-19
19	Sacramento	433	41	44	Indianapolis	300	39
20	Minneapolis	427	14	45	Chicago	296	12
21	Miami	416	6	46	Baltimore	291	31
22	Fresno	410	411	47	Dallas 1/	288	-2
23	Nashville	407	11	48	Cleveland	287	49
24	Dallas 1/	401	6	49	Savannah	255	-31
25	St Louis	396	5	50	Anchorage	224	-33

1/ The source has Dallas ranked 24 and 47 but no identification as to the specific airports. Clarification as been requested from source.

Source: CheapCarRental "The most expensive car rental destinations over the Christmas holidays" (December 16, 2021) <<https://www.cheapcarrental.net/press.html>> accessed April 8, 2022.

Table 14.20-- AVERAGE ANNUAL AUTO INSURANCE RATES AS PERCENT OF MEDIAN ANNUAL HOUSEHOLD INCOME FOR THE UNITED STATES AVERAGE AND EACH OF THE 50 STATES: 2018

[Data are for the Insurance Research Council's affordability index based on average auto insurance expenditures published by the National Association of Insurance Commissioners (NAIC) and median household income from the U.S. Census Bureau. Ranking based on car insurance as highest percent of household income]

Rank	State	Percent	Rank	State	Percent
(X)	U. S. average	1.67	26	California	1.47
			27	Oregon	1.43
1	Louisiana	3.09	28	Montana	1.43
2	Florida	2.61	29	Maryland	1.41
3	Michigan	2.43	30	Alaska	1.40
4	Mississippi	2.27	31	North Carolina	1.38
5	Georgia	2.17	32	Massachusetts	1.35
6	Rhode Island	2.14	33	Illinois	1.31
7	New York	2.12	34	Washington	1.30
8	Nevada	2.04	35	Ohio	1.29
9	Delaware	1.99	36	Indiana	1.28
10	Texas	1.93	37	Kansas	1.26
11	New Mexico	1.90	38	Idaho	1.23
12	South Carolina	1.90	39	Minnesota	1.22
13	New Jersey	1.87	40	Utah	1.22
14	West Virginia	1.86	41	Wyoming	1.22
15	Arkansas	1.81	42	Wisconsin	1.21
16	Alabama	1.81	43	South Dakota	1.21
17	Kentucky	1.72	44	Nebraska	1.18
18	Arizona	1.68	45	Maine	1.17
19	Oklahoma	1.68	46	Virginia	1.11
20	Dist. of Columbia	1.67	47	Vermont	1.11
21	Connecticut	1.67	48	Hawaii	1.04
22	Colorado	1.55	49	New Hampshire	1.04
23	Pennsylvania	1.54	50	North Dakota	1.03
24	Tennessee	1.53	51	Iowa	1.02
25	Missouri	1.48			

x Not applicable.

Source: Insurance Information Institute "Average Auto Insurance Expenditures as a Percent of Median Household Income, 2018" <<https://www.iii.org/fact-statistic/facts-statistics-auto-insurance>> accessed July 7, 2022.

Table 14.21-- AVERAGE ANNUAL AUTO INSURANCE COSTS FOR THE 50 STATES: 2022

[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 (\$)
Alabama	25/50/25	443	1,760
Alaska	50/100/25	417	1,770
Arizona	25/50/15	579	1,743
Arkansas	25/50/25	437	1,806
California	15/30/5	619	2,190
Colorado	25/50/15	495	2,019
Connecticut	25/50/25	646	1,533
Delaware	25/50/10	747	1,963
Florida 1/	10/10	997	2,762
Georgia	25/50/25	630	1,985
Hawaii	20/40/10	338	1,206
Idaho	25/50/15	271	1,065
Illinois	25/50/20	477	1,548
Indiana	25/50/25	329	1,242
Iowa	20/40/15	227	1,254
Kansas	25/50/25	419	1,802
Kentucky	25/50/25	658	1,954
Louisiana	15/30/25	807	2,864
Maine	50/100/25	227	876
Maryland	30/60/15	836	1,931
Massachusetts	20/40/5	446	1,296
Michigan	50/100/10	946	2,345
Minnesota	30/60/10	600	1,692
Mississippi	25/50/25	450	1,701
Missouri	25/50/25	504	1,861
Montana	25/50/20	310	1,795
Nebraska	25/50/25	367	1,538
Nevada	25/50/20	846	2,426
New Hampshire	25/50/25	324	1,182
New Jersey	15/30/5	855	1,891
New Mexico	25/50/10	347	1,489
New York	25/50/10	1,339	2,996

Continued on next page.

Table 14.21-- AVERAGE ANNUAL AUTO INSURANCE COSTS FOR THE 50 STATES: 2022 -- Con.

State	Minimum coverage requirements (BIPP/BIPA/PD) (in \$1,000)	Average cost of minimum coverage (\$)	Average cost of full coverage (\$)
North Carolina	30/60/25	431	1,392
North Dakota	25/50/25	268	1,225
Ohio	25/50/25	336	1,200
Oklahoma	25/50/25	408	1,902
Oregon	25/50/20	625	1,371
Pennsylvania	15/30/5	441	2,002
Rhode Island	25/50/25	569	1,847
South Carolina	25/50/25	518	1,464
South Dakota	25/50/25	274	1,542
Tennessee	25/50/15	372	1,383
Texas	30/60/25	551	1,868
Utah	25/65/15	544	1,449
Vermont	25/50/10	242	1,000
Virginia	30/60/20	475	1,340
Washington	25/50/10	482	1,313
West Virginia	25/50/25	427	1,527
Wisconsin	25/50/10	364	1,249
Wyoming	25/50/20	262	1,510

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.

Source: Bankrate "Car Insurance Rates By State 2022" (May 23, 2022) <<https://www.bankrate.com/insurance/car/states/>> accessed July 10, 2022.

Table 14.22-- AVERAGE ANNUAL CAR INSURANCE PREMIUMS FOR EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2022

[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	Dollars	State	Dollars
Alabama	1,336	Montana	1,285
Alaska	1,408	Nebraska	1,243
Arizona	1,320	Nevada	1,316
Arkansas	1,318	New Hampshire	1,561
California	1,397	New Jersey	1,579
Colorado	1,380	New Mexico	1,262
Connecticut	1,561	New York	1,499
Delaware	1,417	North Carolina	1,374
District of Columbia	1,431	North Dakota	1,245
Florida	1,369	Ohio	1,217
Georgia	1,406	Oklahoma	1,341
Hawaii	1,408	Oregon	1,341
Idaho	1,309	Pennsylvania	1,479
Illinois	1,265	Rhode Island	1,476
Indiana	1,230	South Carolina	1,366
Iowa	1,235	South Dakota	1,218
Kansas	1,233	Tennessee	1,361
Kentucky	1,335	Texas	1,409
Louisiana	1,316	Utah	1,421
Maine	1,452	Vermont	1,473
Maryland	1,512	Virginia	1,462
Massachusetts	1,570	Washington	1,395
Michigan	1,237	West Virginia	1,296
Minnesota	1,293	Wisconsin	1,244
Mississippi	1,308	Wyoming	1,305
Missouri	1,215		

Source: Business Insider "The average cost of car insurance in the U.S." (June 1, 2022)
 <<https://www.businessinsider.com/personal-finance/average-cost-of-car-insurance>> accessed July 10, 2022.

Table 14.23-- COST OF LIVING GLOBAL RANK FOR SELECTED MAJOR CITIES IN THE UNITED STATES: 2012 TO 2022

[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/										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Atlanta, GA	(NA)	(NA)	147	103	78	83	95	69	60	72	42
Boston, MA	(NA)	123	109	64	47	51	70	49	41	50	30
Chicago, IL	(NA)	(NA)	85	42	34	31	51	37	30	45	36
Cleveland, OH	(NA)	(NA)	167	133	110	100	125	106	93	112	112
Dallas, TX	(NA)	(NA)	125	77	62	62	85	62	52	69	75
Detroit, MI	(NA)	(NA)	160	122	103	95	116	90	80	101	107
Honolulu, HI	(NA)	117	97	52	37	35	54	38	28	43	20
Houston, TX	(NA)	(NA)	143	92	75	74	86	59	51	75	85
Los Angeles, CA	(NA)	(NA)	62	36	27	23	35	18	17	20	17
Miami, FL	(NA)	114	98	56	45	41	60	44	37	48	32
Minneapolis, MN	(NA)	(NA)	156	115	91	86	102	78	69	86	83
Morristown, NJ	(NA)	(NA)	132	88	71	81	97	70	62	75	(NA)
New York City, NY	33	24	16	16	11	9	13	9	6	14	7
Philadelphia, PA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	70
Pittsburgh, PA	(NA)	(NA)	162	130	112	107	125	97	91	110	82
Portland, OR	(NA)	(NA)	166	135	117	115	130	107	92	106	91
San Francisco, CA	(NA)	92	74	37	26	21	28	16	16	25	19
Seattle, WA	(NA)	(NA)	153	106	83	76	90	64	55	67	45
St. Louis, MO	(NA)	(NA)	161	130	108	100	122	94	83	103	101
Washington, DC	(NA)	(NA)	92	50	38	39	56	42	32	51	29
White Plains, NY	(NA)	(NA)	81	71	61	64	79	56	48	65	(NA)
Winston Salem, NC	(NA)	(NA)	182	157	147	140	161	138	132	151	(NA)

Continued on next page.

Table 14.23-- COST OF LIVING GLOBAL RANK FOR SELECTED MAJOR CITIES IN THE UNITED STATES: 2012 TO 2022 -- 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 2012 - City rankings" (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; "COVID-19 Disruptions Compel Companies to Re-evaluate Their Approach to Mobility" (June 22, 2021) <<https://www.mercer.com/>> accessed July 14, 2021; and "Mercer's Global Report 2022 Cost of Living City Ranking" <<https://www.mercer.com/our-thinking/career/cost-of-living.html>> accessed July 6, 2022.

Table 14.24-- TOP 10 MOST EXPENSIVE AND 10 CHEAPEST STATES TO LIVE: 2022

[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 2021 Cost of Living Index. See also <<http://coli.org/About/>>]

Rank	State	Metro area 1/	2022 COL Score 2/	Average home price	Half gallon of milk	Monthly energy bill	CPI (percent chg.) 3/
Most expensive							
1	Hawaii	Honolulu	1	1,399,439	3.92	369.53	7.0
2	New York	Manhattan	2	2,354,006	2.84	174.72	6.3
3	California	San Francisco	3	1,396,782	2.55	266.44	8.3
4	Massachusetts	Boston	4	815,930	3.07	233.39	7.5
5	Oregon	Portland	5	628,508	2.61	148.23	8.3
6	Alaska	Juneau	6	599,131	3.36	275.04	7.5
7	Maryland	Bethesda-Gaithersburg-Frederick	7	897,311	2.49	180.30	7.5
8	Connecticut	Stamford	8	653,962	3.43	281.85	7.9
9	Rhode Island	Providence-Warwick	9	436,045	2.62	251.32	7.9
10	Vermont	Burlington	10	546,522	3.34	233.39	7.9
Cheapest							
1	Mississippi	Meridian	50	305,417	2.03	160.90	9.2
2	Kansas	Manhattan	49	350,219	1.82	173.50	8.8
3	Alabama	Birmingham	48	334,577	2.06	176.43	9.2
4	Georgia	Atlanta	47	449,444	1.66	122.51	9.2
5	Tennessee	Chattanooga	46	357,465	2.19	134.42	9.2
6	Missouri	Columbia	45	382,188	2.24	161.78	8.8
7	Iowa	Ames	44	401,052	2.29	148.81	8.8
8	West Virginia	Morgantown	43	329,832	2.41	142.65	9.2
8	Indiana	Bloomington	42	408,649	2.00	161.50	8.8
10	Arkansas	Hot Springs	41	390,814	1.89	152.49	9.2

1/ Average home price applies to indicated Metro area.

2/ COL = Cost of Living. Score is of the 50 points maximum. See also "Methodology How we are choosing America's Top States for Business in 2022" <<https://www.cnbc.com/2022/06/13/how-we-are-choosing-americas-top-states-for-business-in-2022.html>> accessed July 13, 2022.

3/ U.S. Bureau of Labor Statistics Consumer Price Index (CPI) for May 2022, except for Alaska (CPI for Anchorage which is April 2022. 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 2022" (July 13, 2022) <<https://www.cnbc.com/2022/07/13/these-are-americas-10-most-expensive-states-to-live-in.html>> accessed July 13, 2022; and "These states are the cheapest places to live in America in 2022" (July 13, 2022) <<https://www.cnbc.com/2022/07/13/these-are-americas-10-cheapest-states-to-live-in.html>> accessed July 13, 2022.

Table 14.25-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2022

[As of April 20, 2022. 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/	25.00	18.00	25.00	25.00
	Locality rate 5/	0.00	0.00	0.00	0.00
January 1, 2010	COLA 5/	20.94	14.26	20.94	20.94
	Payable locality rate 5/	4.72	4.72	4.72	4.72
	Full locality rate 5/	14.16	14.16	14.16	14.16
January 1, 2011	COLA 5/	16.07	9.76	16.07	16.07
	Payable locality rate 5/	11.01	11.01	11.01	11.01
	Full locality rate 5/	16.51	16.51	16.51	16.51
January 1, 2012	COLA 5/	12.25	6.24	12.25	12.25
	Payable locality rate 5/	16.51	16.51	16.51	16.51
	Full locality rate 5/	16.51	16.51	16.51	16.51
January 1, 2016	COLA 5/	12.05	6.05	12.05	12.05
	Locality rate 5/	16.81	16.81	16.81	16.81
January 1, 2017	COLA 5/	11.32	5.39	11.32	11.32
	Locality rate 5/	17.92	17.92	17.92	17.92
January 1, 2018	COLA 5/	10.99	5.08	10.99	10.99
	Locality rate 5/	18.43	18.43	18.43	18.43
January 1, 2019	COLA 5/	10.64	4.76	10.64	10.64
	Locality rate 5/	18.98	18.98	18.98	18.98
January 1, 2020	COLA 5/	10.28	4.42	10.28	10.28
	Locality rate 5/	19.56	19.56	19.56	19.56
January 1, 2021	COLA 5/	10.28	4.42	10.28	10.28
	Locality rate 5/	19.56	19.56	19.56	19.56
January 1, 2022	COLA 5/	9.75	3.94	9.75	9.75
	Locality rate 5/ 6/	20.40	20.40	20.40	20.40

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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 2022 -- Con.

Effective or survey date	Category	Honolulu	Hawaii	Maui	Kauai
INDEXES					
1996 Survey	Cost of Living Index 7/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 8/	124.51	110.89	120.32	117.19
2007 Survey	Cost of Living Index 9/	121.37	111.71	123.62	118.14
2007 Survey, 2008 adj.	Cost Comparison Index 9/	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.

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7/ 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.

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

9/ Per 8/ 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 Pa 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; Ibid "2021" accessed June 10, 2021; and Ibid. "2022" accessed April 20, 2022.

Table 14.26-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND: 2022

[As of May 16, 2022. Index number continental United States=100]

Effective date	Locality	Locality code 1/	Index
December 16, 2021	Hawaii (island)	HI001	122
December 16, 2021	Kauai	HI003	126
January 16, 2022	Maui	HI005	124
January 16, 2022	Molokai	HI007	124
December 16, 2021	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 May 2022, Table III - Cost-of-Living Allowance (COLA) Indexes", p.6 <https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/COLA/Compensation_Tables/Pay_Tables/> accessed May 17, 2022.

Table 14.27-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION: 2022

[As of July 1, 2022. In dollars per day. Selected rates may apply over the holiday period, i.e. December 2022 to January 2023]

Locality	Season Begin	Season End	Maximum per diem rate 1/	Lodging	Local meals rate	Proportional meals rate	Local incidental rate	Effective date
Camp H.M. Smith	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Camp H.M. Smith	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
CNI NAVMAG Pearl Harbor-Hickam	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
CNI NAVMAG Pearl Harbor-Hickam	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Ft. DeRussey	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Ft. DeRussey	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Ft. Shafter	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Ft. Shafter	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Hickam Air Force Base	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Hickam Air Force Base	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Honolulu	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Honolulu	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Isle of Hawaii: Hilo	Jan. 1	Dec. 31	319	199	96	56	24	Jan. 1, 2021
Isle of Hawaii: Other	Jan. 1	Dec. 31	374	218	125	71	31	Jan. 1, 2021
Isle of Kauai	Jan. 1	Dec. 31	466	325	113	65	28	Jan. 1, 2021
Island of Lanai	Jan. 1	Dec. 31	352	218	107	62	27	Jan. 1, 2021
Isle of Maui	Jan. 1	Dec. 31	454	304	120	68	30	Jan. 1, 2021
Island of Molokai	Jan. 1	Dec. 31	324	218	85	51	21	Jan. 1, 2021
Isle of Oahu	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Isle of Oahu	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Joint Base Pearl Harbor- Hickam	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Joint Base Pearl Harbor- Hickam	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Kapolei	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Kapolei	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021

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**Table 14.27-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION:
2022 -- Con.**

Locality	Season Begin	Season End	Maximum per diem rate 1/	Lodging	Local meals rate	Proportional meals rate	Local incidental rate	Effective date
Kilauea Military Camp	Jan. 1	Dec. 31	319	199	96	56	24	Jan. 1, 2021
Lihue (Island of Kauai)	Jan. 1	Dec. 31	466	325	113	65	28	Jan. 1, 2021
Marine Corps Base Hawaii	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Marine Corps Base Hawaii	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Wahiawa NCTAMS PAC 2/	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Wahiawa NCTAMS PAC 2/	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
NOSC Pearl Harbor 3/	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
NOSC Pearl Harbor 3/	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Pearl Harbor	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Pearl Harbor	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
PMRF Barking Sands (Kauai)	Jan. 1	Dec. 31	466	325	113	65	28	Jan. 1, 2021
Schofield Barracks	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Schofield Barracks	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Tripler Army Medical Center	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Tripler Army Medical Center	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Wheeler Army Airfield	Jan. 6	Dec. 16	326	177	119	68	30	Dec. 1, 2021
Wheeler Army Airfield	Dec. 17	Jan. 5	461	312	119	68	30	Dec. 1, 2021
Other 4/	Jan. 1	Dec. 31	367	218	119	68	30	Jan. 1, 2021

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

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

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

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 July 2022" <<http://www.defensetravel.dod.mil/site/perdiem.cfm>> accessed July 4, 2022.