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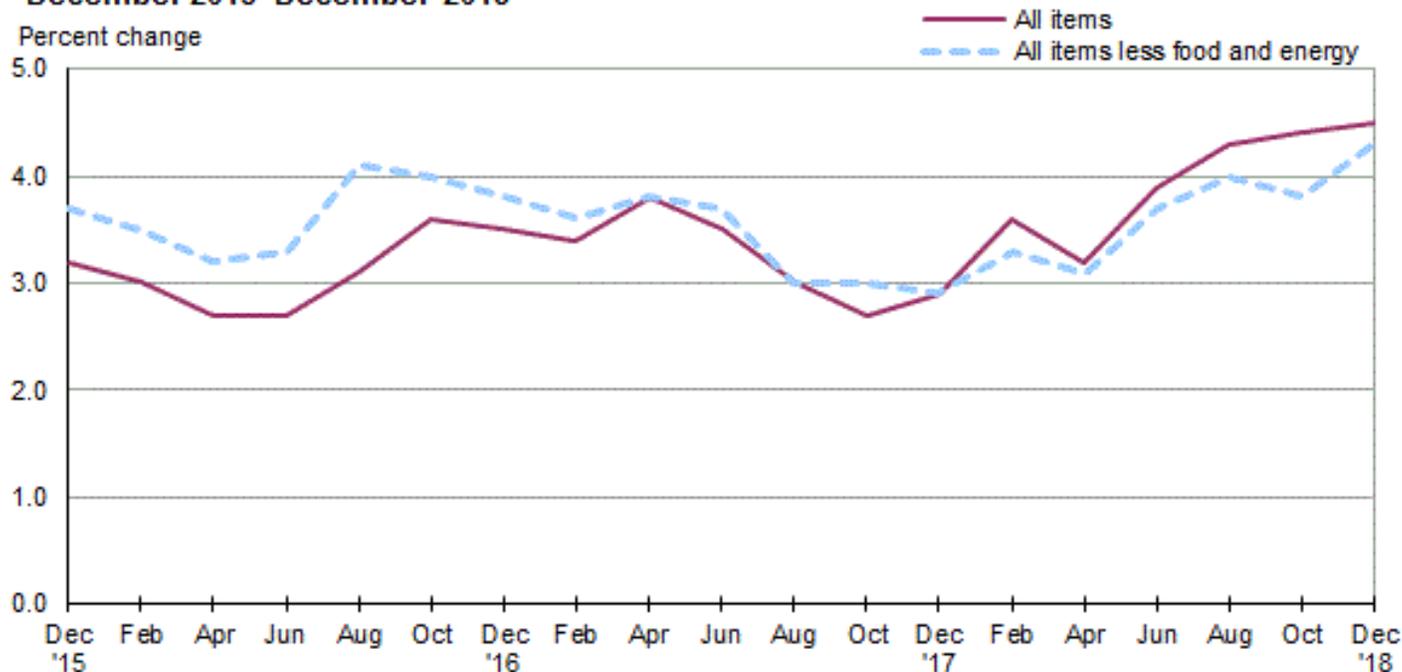
## **Consumer Price Index, San Francisco Area — December 2018**

**Area prices were up 0.1 percent over the past two months, up 4.5 percent from a year ago**

Prices in the San Francisco area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), inched up 0.1 percent for the two months ending in December 2018, the U.S. Bureau of Labor Statistics reported today. (See [table A](#).) Assistant Commissioner for Regional Operations Richard Holden noted that the December increase was influenced by higher prices for medical care and shelter. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U increased 4.5 percent. (See [chart 1](#) and [table A](#).) Energy prices rose 8.8 percent, largely the result of an increase in the price of gasoline. The index for all items less food and energy advanced 4.3 percent over the year. (See [table 1](#).)

**Chart 1. Over-the-year percent change in CPI-U, San Francisco-Oakland-Hayward, CA, December 2015–December 2018**



Source: U.S. Bureau of Labor Statistics.

## Food

Food prices increased 0.9 percent for the two months ending in December. (See [table 1.](#)) Prices for food at home rose 1.1 percent, and prices for food away from home advanced 0.7 percent for the same period.

Over the year, food prices advanced 4.6 percent. Prices for food away from home increased 6.9 percent since a year ago, and prices for food at home rose 1.9 percent.

## Energy

The energy index decreased 5.9 percent for the two months ending in December. The decrease was mainly due to lower prices for gasoline (-7.0 percent). Prices for natural gas service decreased 7.2 percent, and prices for electricity declined 2.7 percent for the same period.

Energy prices rose 8.8 percent over the year, largely due to higher prices for gasoline (14.0 percent). Prices paid for electricity advanced 2.3 percent, but prices for natural gas service declined (-4.2 percent) during the past year.

## All items less food and energy

The index for all items less food and energy advanced 0.3 percent in the latest two-month period. Higher prices for medical care (5.8 percent) and shelter (0.4 percent) were partially offset by lower prices for apparel (-6.7 percent) and recreation (-1.9 percent).

Over the year, the index for all items less food and energy advanced 4.3 percent. Components contributing to the increase included medical care (9.4 percent), education and communication (6.7 percent) and shelter (3.8 percent). Partly offsetting the increases was a price decline in recreation (-0.1 percent).

**Table A. San Francisco-Oakland-Hayward CPI-U bi-monthly and annual percent changes (not seasonally adjusted)**

Month	2013		2014		2015		2016		2017		2018	
	Bi-monthly	Annual										
February .....	1.3	2.4	1.2	2.4	1.0	2.5	0.9	3.0	0.8	3.4	1.4	3.6
April .....	0.8	2.4	1.2	2.8	1.1	2.4	0.7	2.7	1.1	3.8	0.8	3.2
June .....	0.5	2.6	0.7	3.0	0.6	2.3	0.6	2.7	0.3	3.5	0.9	3.9
August .....	0.1	2.0	0.0	3.0	0.3	2.6	0.7	3.1	0.2	3.0	0.6	4.3
October .....	0.2	1.6	0.5	3.2	0.4	2.6	0.9	3.6	0.6	2.7	0.7	4.4
December .....	-0.4	2.6	-0.9	2.7	-0.3	3.2	-0.3	3.5	-0.1	2.9	0.1	4.5

**The February 2019 Consumer Price Index for the San Francisco-Oakland-Hayward area is scheduled to be released on March 12, 2019.**

### Consumer Price Index Geographic Revision for 2018

In January 2018, BLS introduced a new geographic area sample for the Consumer Price Index (CPI). As part of the new sample, the index for this area was renamed. Additional information on the geographic revision is available at: [www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm](http://www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm).

## Technical Note

The Consumer Price Index (CPI) is a measure of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 94 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 28 percent of the total population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 75 urban areas across the country from about 5,000 housing units and approximately 22,000 retail establishments--department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date (1982-84) that equals 100.0. An increase of 16.5 percent, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65. For further details see the CPI home page on the Internet at [www.bls.gov/cpi](http://www.bls.gov/cpi) and the BLS Handbook of Methods, Chapter 17, The Consumer Price Index, available on the Internet at [www.bls.gov/opub/hom/homch17\\_a.htm](http://www.bls.gov/opub/hom/homch17_a.htm).

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The San Francisco-Oakland-Hayward, CA. metropolitan area covered in this release is comprised of Alameda, Contra Costa, Marin, San Francisco, San Mateo Counties in the State of California.

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**Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods San Francisco-Oakland-Hayward, CA (1982-84=100 unless otherwise noted)**

Item and Group	Indexes			Percent change from-		
	Oct. 2018	Nov. 2018	Dec. 2018	Dec. 2017	Oct. 2018	Nov. 2018
<b>Expenditure category</b>						
All items.....	289.673	-	289.896	4.5	0.1	-
All items (1967=100).....	890.535	-	891.220	-	-	-
Food and beverages.....	280.826	-	284.738	5.7	1.4	-
Food.....	278.503	-	280.928	4.6	0.9	-
Food at home.....	249.897	250.641	252.572	1.9	1.1	0.8
Cereals and bakery products.....	257.066	-	259.573	2.4	1.0	-
Meats, poultry, fish, and eggs.....	246.113	-	252.699	2.0	2.7	-
Dairy and related products.....	266.719	-	268.208	2.0	0.6	-
Fruits and vegetables.....	332.103	-	333.244	2.2	0.3	-
Nonalcoholic beverages and beverage materials(1).....	201.587	-	204.276	6.2	1.3	-
Other food at home.....	216.582	-	217.463	-0.2	0.4	-
Food away from home.....	312.003	-	314.197	6.9	0.7	-
Food away from home.....	312.003	-	314.197	6.9	0.7	-
Alcoholic beverages.....	308.605	-	325.126	14.7	5.4	-
Housing.....	340.845	-	341.516	3.7	0.2	-
Shelter.....	389.814	389.454	391.230	3.8	0.4	0.5
Rent of primary residence(2).....	443.964	444.830	448.211	4.6	1.0	0.8
Owners' equiv. rent of residences(2)(3).....	417.507	418.773	419.577	3.1	0.5	0.2
Owners' equiv. rent of primary residence(1)(2).....	417.507	418.773	419.577	3.1	0.5	0.2
Fuels and utilities.....	399.718	-	390.207	1.8	-2.4	-
Household energy.....	351.334	333.819	337.844	0.7	-3.8	1.2
Energy services(2).....	351.971	334.378	338.773	0.7	-3.7	1.3
Electricity(2).....	379.558	369.436	369.436	2.3	-2.7	0.0
Utility (piped) gas service(2).....	279.604	245.023	259.550	-4.2	-7.2	5.9
Household furnishings and operations.....	138.416	-	138.759	4.2	0.2	-
Apparel.....	117.912	-	110.047	1.0	-6.7	-
Transportation.....	206.408	-	201.838	4.6	-2.2	-
Private transportation.....	202.191	-	197.635	6.2	-2.3	-
New and used motor vehicles(4).....	94.826	-	95.300	0.4	0.5	-
New vehicles(1).....	156.553	-	161.607	0.9	3.2	-
Used cars and trucks(1).....	247.988	-	250.679	1.3	1.1	-
Motor fuel.....	284.833	278.051	264.929	14.0	-7.0	-4.7
Gasoline (all types).....	283.748	276.974	263.834	14.0	-7.0	-4.7
Gasoline, unleaded regular(4).....	284.133	277.336	263.942	14.0	-7.1	-4.8
Gasoline, unleaded midgrade(4)(5).....	262.242	257.896	247.683	14.7	-5.6	-4.0
Gasoline, unleaded premium(4).....	268.051	261.340	249.821	14.3	-6.8	-4.4
Motor vehicle insurance(1).....	519.535	-	516.426	9.9	-0.6	-
Medical care.....	510.198	-	539.595	9.4	5.8	-
Recreation(6).....	117.987	-	115.799	-0.1	-1.9	-
Education and communication(6).....	151.974	-	151.296	6.7	-0.4	-
Tuition, other school fees, and child care(1) ..	1,834.544	-	1,833.234	12.7	-0.1	-
Other goods and services.....	496.483	-	495.570	7.0	-0.2	-
<b>Commodity and service group</b>						
All items.....	289.673	-	289.896	4.5	0.1	-
Commodities.....	192.611	-	191.661	4.4	-0.5	-
Commodities less food & beverages.....	144.999	-	141.767	3.2	-2.2	-
Nondurables less food & beverages.....	195.307	-	187.026	4.3	-4.2	-
Durables.....	96.863	-	98.166	1.3	1.3	-
Services.....	370.500	-	371.674	4.5	0.3	-

Note: See footnotes at end of table.

**Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods San Francisco-Oakland-Hayward, CA (1982-84=100 unless otherwise noted) - Continued**

Item and Group	Indexes			Percent change from-		
	Oct. 2018	Nov. 2018	Dec. 2018	Dec. 2017	Oct. 2018	Nov. 2018
<b>Special aggregate indexes</b>						
All items less medical care .....	280.659	-	279.731	4.1	-0.3	-
All items less shelter.....	248.281	-	247.939	5.0	-0.1	-
Commodities less food .....	151.875	-	149.605	4.3	-1.5	-
Nondurables .....	239.372	-	237.175	5.2	-0.9	-
Nondurables less food.....	203.765	-	197.930	5.8	-2.9	-
Services less rent of shelter(3).....	362.295	-	363.173	5.6	0.2	-
Services less medical care services.....	361.723	-	360.883	3.9	-0.2	-
Energy .....	316.237	305.771	297.690	8.8	-5.9	-2.6
All items less energy .....	291.913	-	293.036	4.3	0.4	-
All items less food and energy .....	294.834	-	295.751	4.3	0.3	-

Footnotes

(1) Indexes on a December 1977=100 base.

(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(3) Indexes on a December 1982=100 base.

(4) Special index based on a substantially smaller sample.

(5) Indexes on a December 1993=100 base.

(6) Indexes on a December 1997=100 base.

- Data not available

NOTE: Index applies to a month as a whole, not to any specific date.