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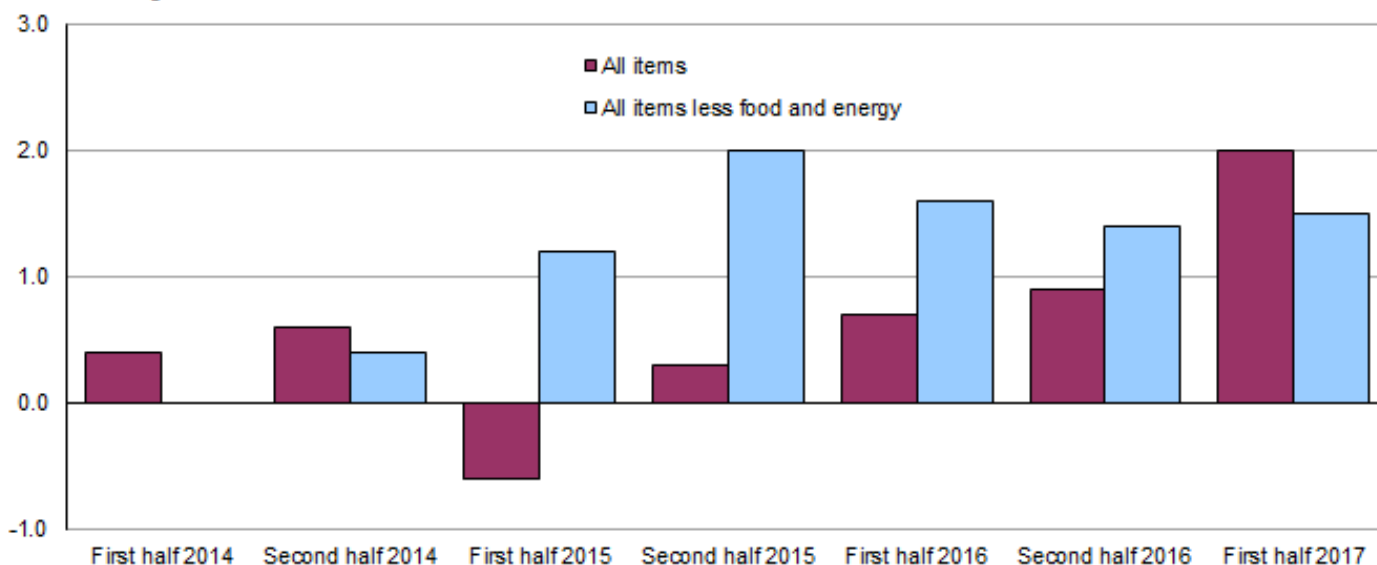
Consumer Price Index, Kansas City – First Half 2017

Prices increased 2.0 percent from the first half of 2016 to the first half of 2017

The Consumer Price Index for All Urban Consumers (CPI-U) for the Kansas City, Mo.-Kan., metropolitan area increased 2.0 percent from the first half of 2016 to the first half of 2017, the U.S. Bureau of Labor Statistics reported today. Assistant Commissioner for Regional Operations Stanley W. Suchman noted that higher costs for shelter (3.1 percent) and gasoline (18.0 percent) had the largest upward impacts on the index. Apparel (-6.2 percent) was among the expenditure categories that recorded lower prices and moderated the overall increase. The energy index rose 9.7 percent and food prices were up 0.9 percent. The all items less food and energy index advanced 1.5 percent over the year.

Chart 1. Over-the-year percent change in CPI-U, Kansas City, first half 2014–first half 2017

Percent change



Source: U.S. Bureau of Labor Statistics.

Food

Food prices rose a moderate 0.9 percent from the first half of 2016 to the first half of 2017. Costs for food at home and food away from home rose 0.5 and 1.6 percent over the year, respectively. These compared with changes of 0.1 and 1.9 percent, respectively, in the same period one year ago.

Energy

The energy index, which includes motor fuel and household fuels, jumped 9.7 percent from the first half of 2016 to the first half of 2017. The index for gasoline (18.0 percent) was largely responsible for the increase in energy prices and registered the first over-the-year increase since the first half of 2013. Costs for utility (piped) gas service (10.9 percent) also rose over the year while electricity (-0.1 percent) was virtually unchanged. During the same period one year ago, energy costs fell 8.5 percent as prices for gasoline and utility (piped) gas service declined 17.3 and 8.4 percent, respectively, while electricity prices rose 3.4 percent.

All items less food and energy

The index for all items less food and energy increased 1.5 percent from the first half of 2016 to the first half of 2017 after registering a gain of 1.6 percent in the same period one year ago. Shelter costs advanced 3.1 percent and had the largest upward impact on the all items less food and energy index. Other expenditure categories that registered higher prices over the year included medical care (3.8 percent) and other goods and services (1.4 percent). In contrast, prices for apparel (-6.2 percent) were among those that declined over the period.

The Kansas City CPI-U stood at 227.427 for the first half of 2017. This means that a market basket of goods and services that cost \$100.00 in the 1982-84 base period cost \$227.43 in the first half of 2017. Because metropolitan area CPI data are not adjusted for seasonal price variation, consumers and businesses should be cautious in drawing conclusions about long-term retail price trends from short-term changes in the metropolitan area indexes.

CPI-W

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) for the Kansas City, Mo.-Kan., metropolitan area for the first half of 2017 was 217.374. The CPI-W increased 2.0 percent from the first half of 2016 to the first half of 2017.

The Consumer Price Index for the Second Half of 2017 is scheduled to be released in January 2018.

Consumer Price Index Geographic Revision for 2018

In January 2018, BLS will introduce a new geographic area sample for the Consumer Price Index (CPI). As part of this new sample, the index for this area will be discontinued. The first indexes using the new structure will be published in February 2018. Additional information on the geographic revision is available at: <https://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 89 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers approximately 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 87 urban areas across the country from about 6,000 housing units and approximately 24,000 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 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.

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 areas; they only measure the average change in prices for each area since the base period.**

The Kansas City, Mo.-Kan., area covered in this release includes Johnson, Leavenworth, Miami, and Wyandotte Counties in Kansas; and Cass, Clay, Clinton, Jackson, Lafayette, Platte, and Ray Counties in Missouri.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes for semiannual averages and percent changes for selected periods Kansas City, MO-KS (1982-84=100 unless otherwise noted)

Item and Group	Semiannual average indexes			Percent change to 1st half 2017 from-	
	1st half 2016	2nd half 2016	1st half 2017	1st half 2016	2nd half 2016
Expenditure category					
All Items.....	222.963	225.156	227.427	2.0	1.0
All items (1967=100)	662.056	668.568	675.312		
Food and beverages	257.393	256.807	259.643	0.9	1.1
Food	262.669	261.866	265.132	0.9	1.2
Food at home	249.547	246.847	250.847	0.5	1.6
Food away from home.....	283.599	286.005	288.017	1.6	0.7
Alcoholic beverages	196.394	197.672	196.696	0.2	-0.5
Housing	214.379	217.805	220.122	2.7	1.1
Shelter	240.152	243.898	247.498	3.1	1.5
Rent of primary residence(1).....	246.057	250.146	254.257	3.3	1.6
Owners' equiv. rent of residences(1)(2).....	235.752	239.495	242.033	2.7	1.1
Owners' equiv. rent of primary residence(1)(2) ..	235.752	239.495	242.033	2.7	1.1
Fuels and utilities.....	229.021	239.664	238.324	4.1	-0.6
Household energy	189.950	200.657	196.787	3.6	-1.9
Energy services(1)	187.969	198.530	194.552	3.5	-2.0
Electricity(1).....	164.219	173.925	164.099	-0.1	-5.6
Utility (pipd) gas service(1).....	173.163	181.844	192.035	10.9	5.6
Household furnishings and operations	123.940	121.934	122.255	-1.4	0.3
Apparel	115.314	108.345	108.216	-6.2	-0.1
Transportation	186.195	189.955	194.005	4.2	2.1
Private transportation	182.426	186.884	191.039	4.7	2.2
Motor fuel	175.268	196.168	206.731	18.0	5.4
Gasoline (all types).....	174.716	195.582	206.120	18.0	5.4
Gasoline, unleaded regular(3).....	168.989	189.326	199.516	18.1	5.4
Gasoline, unleaded midgrade(3)(4).....	220.676	244.913	257.740	16.8	5.2
Gasoline, unleaded premium(3).....	187.095	208.870	220.536	17.9	5.6
Medical Care	355.503	367.129	369.054	3.8	0.5
Recreation(5).....	131.011	129.729	129.927	-0.8	0.2
Education and communication(5).....	125.488	125.802	125.208	-0.2	-0.5
Other goods and services	395.622	396.601	401.055	1.4	1.1
Commodity and Service Group					
All Items.....	222.963	225.156	227.427	2.0	1.0
Commodities	181.264	181.170	181.617	0.2	0.2
Commodities less food & beverages.....	145.920	146.004	145.586	-0.2	-0.3
Nondurables less food & beverages	186.746	190.926	190.425	2.0	-0.3
Durables	106.664	104.186	103.859	-2.6	-0.3
Services.....	263.455	267.781	271.758	3.2	1.5
Special aggregate indexes:					
All items less medical care	215.469	217.118	219.411	1.8	1.1
All items less shelter.....	218.087	219.697	221.472	1.6	0.8
Commodities less food	147.842	147.970	147.532	-0.2	-0.3
Nondurables	220.653	222.629	223.683	1.4	0.5
Nondurables less food.....	188.056	192.001	191.458	1.8	-0.3
Services less rent of shelter(2).....	300.077	305.173	309.731	3.2	1.5
Services less medical care services.....	250.064	254.096	257.354	2.9	1.3
Energy	186.212	201.685	204.274	9.7	1.3
All items less energy	227.955	228.948	231.207	1.4	1.0
All items less food and energy	222.293	223.547	225.652	1.5	0.9

Note: See footnotes at end of table.

Footnotes(1) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(2) Index is on a December 1982=100 base.

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

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

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

Table 2. Consumer Price Index for Wage Earners and Clerical Workers (CPI-W): Indexes for semiannual averages and percent changes for selected periods Kansas City, MO-KS (1982-84=100 unless otherwise noted)

Item and Group	Semiannual average indexes			Percent change to 1st half 2017 from-	
	1st half 2016	2nd half 2016	1st half 2017	1st half 2016	2nd half 2016
Expenditure category					
All Items.....	213.196	215.325	217.374	2.0	1.0
All items (1967=100)	624.664	630.903	636.906		
Food and beverages	259.773	259.074	261.748	0.8	1.0
Food	264.135	263.141	266.333	0.8	1.2
Food at home	248.784	246.255	249.688	0.4	1.4
Food away from home.....	290.218	292.829	295.344	1.8	0.9
Alcoholic beverages	200.579	201.964	200.814	0.1	-0.6
Housing	205.214	208.493	210.566	2.6	1.0
Shelter	227.212	230.802	233.969	3.0	1.4
Rent of primary residence(1).....	246.057	250.146	254.257	3.3	1.6
Owners' equiv. rent of residences(1)(2).....	214.638	218.045	220.356	2.7	1.1
Owners' equiv. rent of primary residence(1)(2) ..	214.638	218.045	220.356	2.7	1.1
Fuels and utilities.....	228.864	239.584	237.820	3.9	-0.7
Household energy	190.110	200.849	196.781	3.5	-2.0
Energy services(1)	188.631	199.245	195.037	3.4	-2.1
Electricity(1).....	164.221	173.927	164.101	-0.1	-5.6
Utility (pipd) gas service(1).....	173.162	181.843	192.035	10.9	5.6
Household furnishings and operations	112.441	109.642	110.493	-1.7	0.8
Apparel	106.550	100.626	99.366	-6.7	-1.3
Transportation	169.706	173.435	176.683	4.1	1.9
Private transportation	168.115	171.970	175.253	4.2	1.9
Motor fuel	175.213	196.100	206.659	17.9	5.4
Gasoline (all types).....	174.712	195.578	206.115	18.0	5.4
Gasoline, unleaded regular(3).....	168.987	189.324	199.514	18.1	5.4
Gasoline, unleaded midgrade(3)(4).....	220.676	244.913	257.740	16.8	5.2
Gasoline, unleaded premium(3).....	187.088	208.862	220.528	17.9	5.6
Medical Care	363.653	375.722	378.400	4.1	0.7
Recreation(5).....	129.432	127.213	127.171	-1.7	0.0
Education and communication(5).....	113.167	113.224	112.835	-0.3	-0.3
Other goods and services	429.832	431.505	437.862	1.9	1.5
Commodity and Service Group					
All Items.....	213.196	215.325	217.374	2.0	1.0
Commodities	176.358	176.114	176.657	0.2	0.3
Commodities less food & beverages.....	139.552	139.455	139.358	-0.1	-0.1
Nondurables less food & beverages	182.878	187.785	188.033	2.8	0.1
Durables	107.286	104.610	104.342	-2.7	-0.3
Services.....	253.865	258.510	262.161	3.3	1.4
Special aggregate indexes:					
All items less medical care	206.612	208.354	210.370	1.8	1.0
All items less shelter.....	208.849	210.429	212.058	1.5	0.8
Commodities less food	141.595	141.550	141.416	-0.1	-0.1
Nondurables	219.429	221.898	223.231	1.7	0.6
Nondurables less food.....	184.447	189.025	189.143	2.5	0.1
Services less rent of shelter(2).....	262.283	267.682	271.575	3.5	1.5
Services less medical care services.....	240.561	244.933	247.940	3.1	1.2
Energy	182.606	198.213	201.196	10.2	1.5
All items less energy	218.758	219.457	221.427	1.2	0.9
All items less food and energy	209.765	210.677	212.459	1.3	0.8

Note: See footnotes at end of table.

Footnotes(1) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(2) Index is on a December 1984=100 base.

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

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

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