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The CPI Detailed Report is a monthly report on consumer price movements including statistical tables and technical notes.

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December 1977

# CPI Detailed Report

For October 1977  
Consumer Price Index: U.S. City Average and Selected Areas

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# Price Movements

## October 1977

The Consumer Price Index rose 0.3 percent in October before seasonal adjustment to 184.5 percent of its 1967 base. The October CPI was 6.5 percent higher than in October 1976.

### Seasonally adjusted changes

On a seasonally adjusted basis, the CPI rose 0.3 percent in October, the same as in September and August. The moderate rise in the CPI since midyear has been due primarily to small increases in prices of food and other commodities. In October, food prices increased 0.1 percent and prices of other commodities rose 0.3 percent. In addition recent increases in charges for services—0.4 percent in October and 0.5 percent in September and in August—were smaller than the 0.8 percent average monthly increase this year through July.

The index for food purchased in grocery stores increased 0.1 percent in October after seasonal adjustment, the fourth month of relatively small changes. Prices for cereal and bakery products and sugar turned down, while prices for fats and oil products, ground coffee, eggs, dairy products, and pork continued to decline. Fresh vegetable prices showed a small decrease in October, following a sharp rise in September. Fresh fruit prices, on the other hand, turned up in October. Poultry prices also rose, after declining for 4 months, and beef prices moved up for the second consecutive month. The index for food away from home—restaurant meals and snacks—increased 0.2 percent after

seasonal adjustment in October, the same as in September and noticeably less than the monthly increase in the first 8 months of this year.

The index for commodities other than food increased 0.3 percent after seasonal adjustment in October, about the same as in September and August. In October, the index for gasoline and motor oil rose 1.4 percent after seasonal adjustment, considerably more than in each of the 2 preceding months. Apparel prices turned up in September, and prices for tobacco products continued to show large increases. The new car index increased 0.6 percent after seasonal adjustment in October, the same as in September and in August. The October increase reflected price changes for 1978 model cars which were included in the CPI for the first time. New model cars will continue to be phased into the CPI over the next several months. (For a report of quality changes for 1978 cars, see news release USDL-77-967, November 3, 1977.) In October, prices for household durables increased 0.3 percent, continuing the moderate uptrend of recent months. After seasonal adjustment, the fuel oil and coal index showed no change in October, following a small rise in September and large increases in the first 8 months of this year. The used car index declined 2.1 percent in October, a sharp decline for the sixth consecutive month.

In the services component, the transportation services index edged up by 0.1 percent in October, following an average monthly increase of about 0.4 percent in recent months. The October slowdown was due largely to a decline in the auto insurance index, which had advanced sharply earlier in the year. The index for household services

### Announcement to users of the Consumer Price Index

The comprehensive 7-year program to revise the Consumer Price Index (CPI) is near completion. The exact date of first publication will be announced in subsequent issues of this report.

The most visible change to result from the revision will be the publication of two indexes: A revised CPI for Urban Wage Earners and Clerical Workers and a new CPI for All Urban Consumers. The new CPI will include, in addition to urban wage earners and clerical workers, population groups which historically have been excluded from CPI coverage—the self-employed, salaried workers,

retired persons, and the unemployed. Parties using the CPI in contractual agreements should be aware that two official indexes will be published. Information for parties using the CPI in escalator or other contractual agreements, as well as other materials about the revision, is available upon request from the BLS regional offices listed on the inside back cover or from:

Bureau of Labor Statistics  
Washington, D.C. 20212  
Phone: (202) 523-7827  
(202) 523-8416

Table A. Percent changes in CPI and components, selected periods

Month	Changes from preceding month								Changes in all items	
	All items		Food		Commodities less food		Services		Compound annual rate from 3 months ago	From 12 months ago
	Unad-justed	Seasonally adjusted	Unad-justed	Seasonally adjusted	Unad-justed	Seasonally adjusted	Unad-justed	Seasonally adjusted	Seasonally adjusted	Unad-justed
1976:										
October.....	0.4	0.3	0	0.2	0.4	0.4	0.5	0.4	4.8	5.3
November.....	.3	.3	-.3	-.3	.4	.4	.5	.4	4.0	5.0
December.....	.3	.4	.3	.1	.2	.6	.4	.4	4.2	4.8
1977:										
January.....	.6	.8	.9	.9	0	.7	.9	r .8	6.1	5.2
February.....	1.0	1.0	2.3	2.0	.6	.7	r .7	r .7	9.1	6.0
March.....	.6	.6	.5	.6	.6	.4	.7	.8	10.0	6.4
April.....	.8	.8	1.2	1.5	.6	.4	r .6	.8	9.9	6.8
May.....	.6	.6	.4	.7	.7	.4	.5	r .6	8.4	6.7
June.....	.7	.6	1.0	.8	.4	.2	r .8	.8	8.1	6.9
July.....	.4	.4	.5	.1	.1	.1	.8	.8	6.4	6.7
August.....	.4	.3	.3	.3	.2	.3	.5	.5	5.2	6.6
September.....	.4	.3	-.4	.1	.4	.2	.7	.5	4.2	6.6
October.....	.3	.3	-.1	.1	.4	.3	.4	.4	3.8	6.5

r=Revised. See table 11.

other than rent increased 0.3 percent in October; this was slightly less than in September or August, primarily because the index for mortgage interest rates declined more in October than in either of the 2 preceding months. Charges for electricity also declined slightly in October, but natural gas charges rose sharply. The rent index increased 0.4 percent in October, somewhat less than in September or August. The index for medical care services, however, rose 0.7 percent after seasonal adjustment in October, about the same as in recent months. The annual adjustment to the health insurance component for retained earnings was scheduled to be included in the October index. The data upon which the adjustment is based are obtained from secondary sources and were not available in time for use in the October index. The adjustment will be made as soon as the data are available, probably in the November CPI.

#### Monthly changes in detail (not seasonally adjusted)

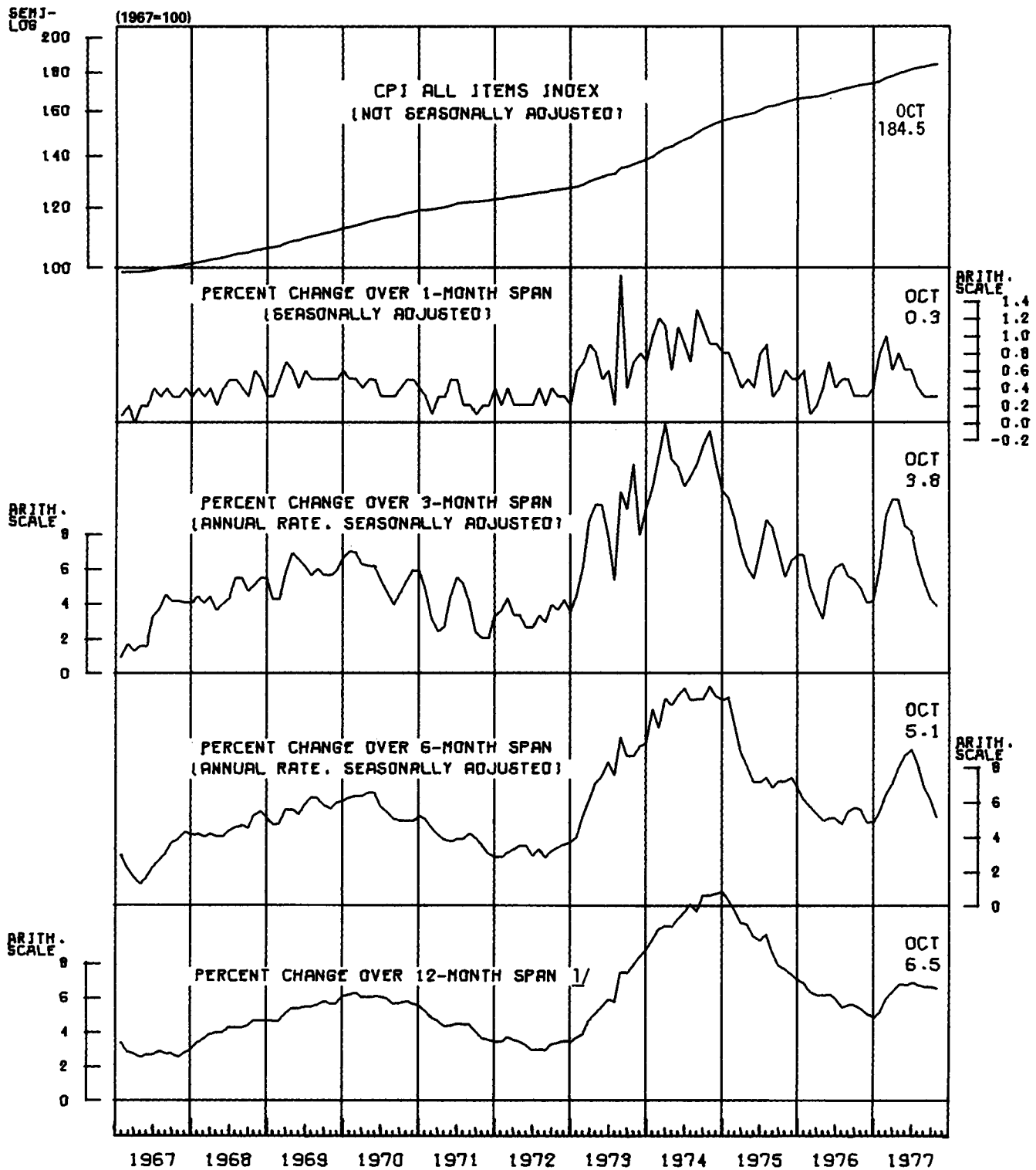
The index for food purchased in grocery stores declined 0.3 percent before seasonal adjustment in October. Prices were lower in October for many foods including beef, pork, poultry, sugar, eggs, ground and instant coffee, salad and cooking oil, and fresh vegetables. These declines were parti-

ally offset by higher prices for fresh fruits, dairy products, cereal and bakery products, and processed fruits and vegetables, particularly frozen orange juice. The index for food away from home increased 0.4 percent before seasonal adjustment in October.

The index for commodities other than food increased 0.4 percent before seasonal adjustment in October. Over one-third of this rise was due to higher prices for new cars. Before seasonal adjustment, the new car index rose 3.3 percent. Prices also rose for most other nonfood commodities such as apparel, fuel oil, tobacco products, drugs and prescriptions, toilet goods, and reading materials. Gasoline and used car prices, however, continued to decline.

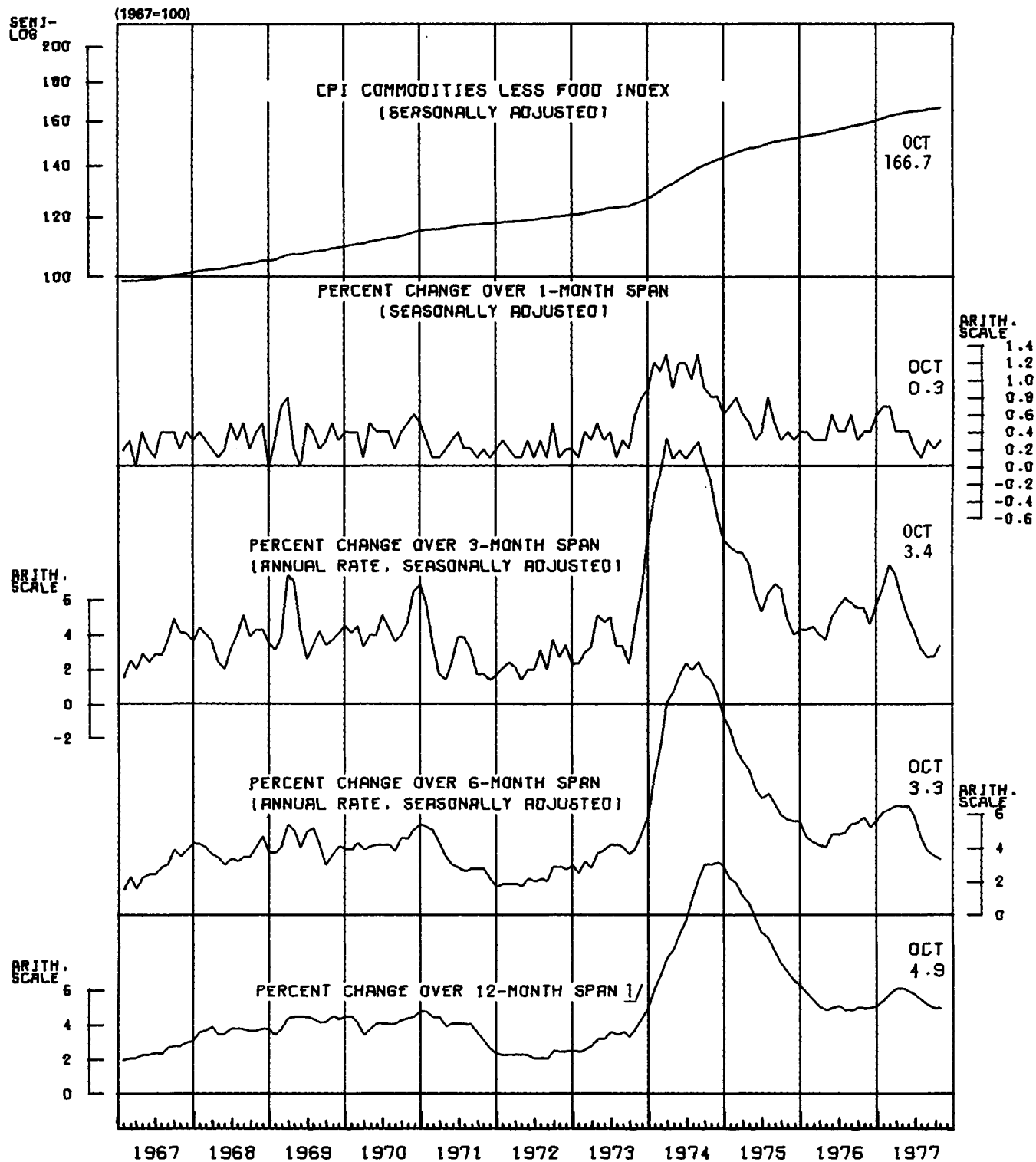
The index for services increased 0.4 percent before seasonal adjustment in October. The rent index and the index for household services other than rent increased 0.5 percent. In the latter category, there were large increases in charges for natural gas, water and sewerage, and day care services, but charges for electricity declined. The index for medical care services rose 0.4 percent before seasonal adjustment; physicians' fees rose 0.4 percent; and hospital service charges 0.5 percent—the smallest increases this year. The index for transportation services increased 0.2 percent in October. Charges for auto insurance declined, but taxicab fares and parking fees increased sharply.

Chart 1. All items index and its rate of change, 1967-77



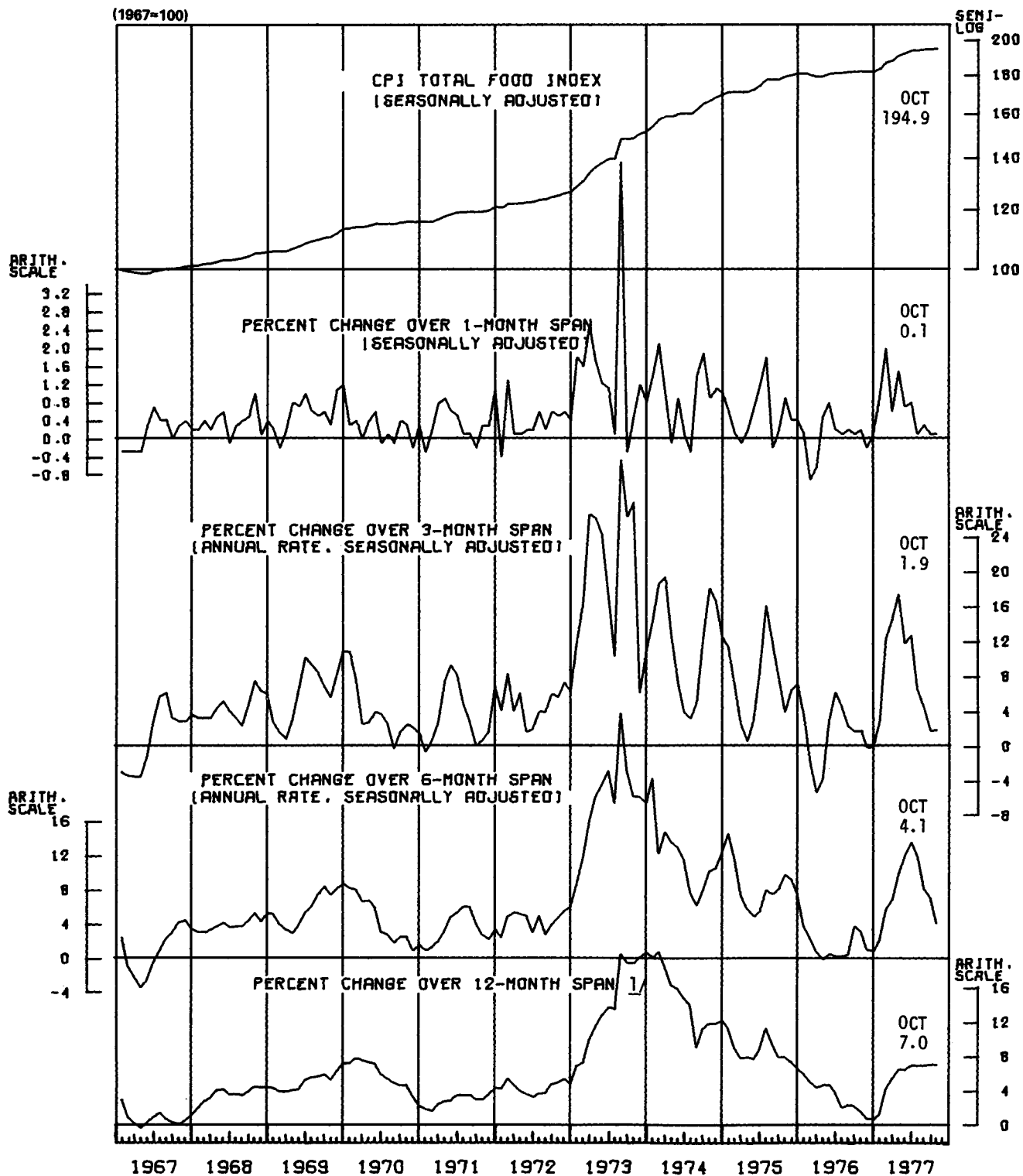
1/ Computed from the unadjusted series.  
 UNITED STATES DEPARTMENT OF LABOR  
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**Chart 2. Commodities less food index and its rate of change, 1967-77**



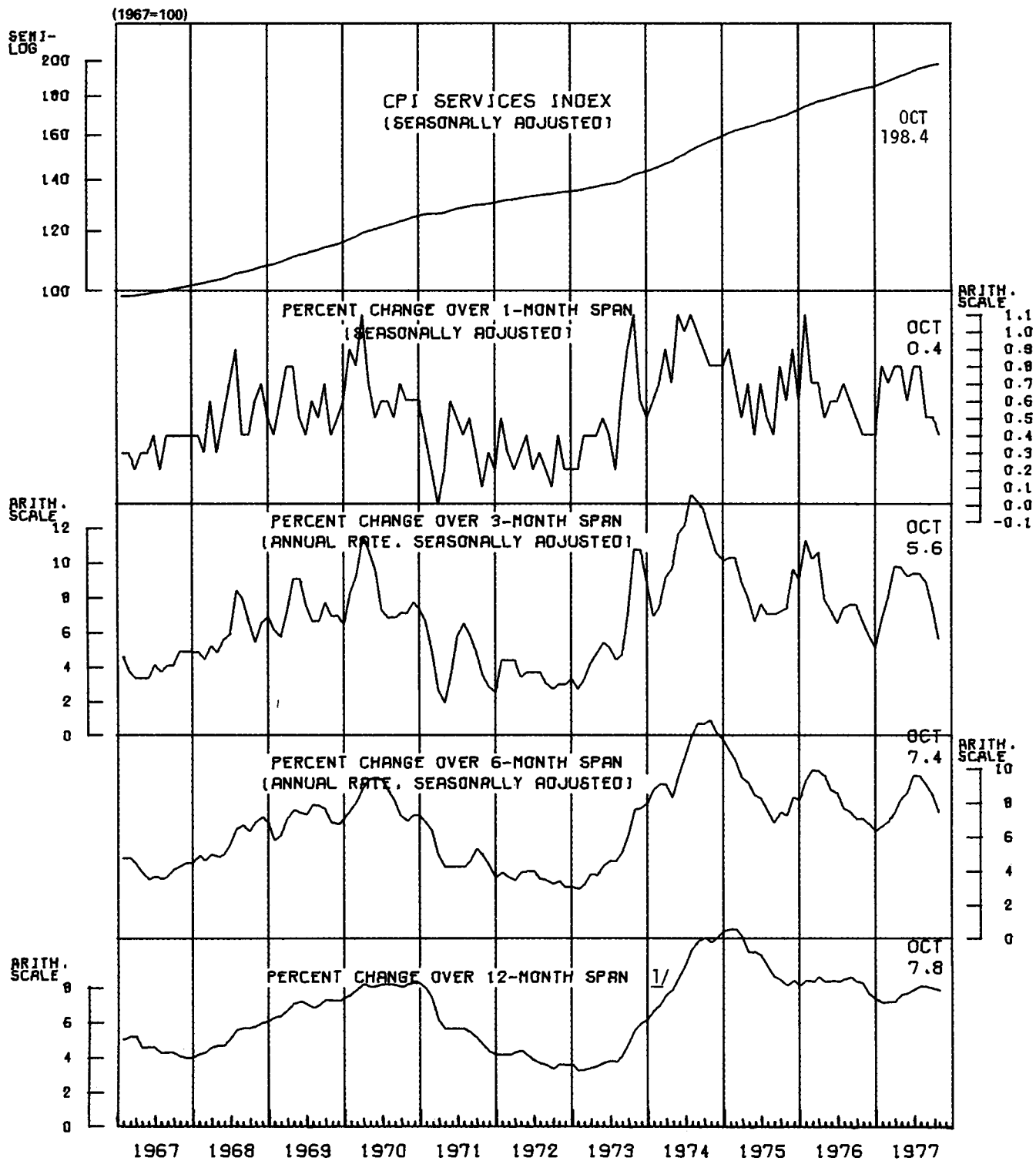
<sup>1/</sup> Computed from the unadjusted series.  
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**Chart 3. Total food index and its rate of change, 1967-77**



1/ Computed from the unadjusted series.  
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**Chart 4. Services index and its rate of change, 1967-77**



1/ Computed from the unadjusted series.  
UNITED STATES DEPARTMENT OF LABOR  
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**Table 1. CPI—U.S. city average, by commodity and service group and expenditure class**

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Group or class	Relative importance	Unadjusted indexes		Unadjusted percent change to October 1977 from—		Seasonally adjusted percent change from—		
	December 1976	September 1977	October 1977	October 1976	September 1977	July to August	August to September	September to October
<b>Commodity and service groups</b>								
All items	100.000	184.0	184.5	6.5	0.3	0.3	0.3	0.3
All items (1957-59=100)	-	214.0	214.6	-	-	-	-	-
Commodities	62.468	176.6	177.0	5.7	.2	.3	.2	.2
Food	23.667	194.5	194.4	7.0	-.1	.3	.1	.1
Food at home	18.456	192.2	191.7	6.7	-.3	.2	.1	.1
Cereals and bakery products	2.537	184.9	185.6	3.1	.4	.5	.9	-.2
Meats, poultry, and fish	5.700	182.1	180.9	3.5	-.7	-.6	.1	.4
Dairy products	2.841	175.4	176.2	2.0	.5	.9	-.4	-.6
Fruits and vegetables	3.019	183.2	184.0	4.8	.4	.5	1.5	1.5
Other foods at home	4.360	232.6	230.5	18.1	-.9	-.9	-.9	-1.0
Food away from home	5.210	203.7	204.6	8.1	.4	.5	.2	.2
Commodities less food	38.801	166.7	167.4	4.9	.4	.3	.2	.3
Nondurables less food	22.795	168.4	169.2	5.1	.5	.4	.3	.5
Apparel commodities	7.811	153.5	154.6	3.6	.7	.7	-.4	.2
Men's and boys'	2.467	155.8	156.2	4.1	.3	.4	.3	-.1
Women's and girls'	3.378	148.6	150.2	2.8	1.1	.9	-1.4	.3
Footwear	1.383	158.1	159.1	4.1	.6	.5	.2	.4
Other apparel commodities	.582	163.1	163.7	5.3	.4	.8	.7	.6
Nondurables less food and apparel	14.984	177.2	177.9	5.8	.4	.3	.7	.7
Gasoline and motor oil	3.426	188.9	188.5	4.4	-.2	.2	.6	1.4
Tobacco products	1.873	170.0	171.7	6.6	1.0	.1	1.9	1.2
Alcoholic beverages	2.217	151.9	152.3	2.7	.3	-.5	.5	.2
Fuel oil and coal	1.060	285.1	287.2	13.5	.7	.9	.4	0
Other nondurables	6.408	172.0	173.0	6.3	.6	.4	.5	.3
Durable commodities	16.006	164.5	165.0	4.6	.3	.1	.2	0
Household durables	4.444	152.8	153.2	4.1	.3	.3	.3	.3
New automobiles	1.909	141.1	145.7	4.7	3.3	.6	.6	.6
Used automobiles	2.323	182.5	178.0	-1.1	-2.5	-2.4	-2.5	-2.1
Other durables	7.329	174.4	175.0	6.6	.3	*.5	*.9	*.3
Services	37.532	197.7	198.5	7.8	.4	.5	.5	.4
Rent	4.525	155.3	156.1	6.3	.5	.5	.6	.4
Services less rent	33.007	205.3	206.2	8.1	.4	.4	.5	.4
Household services less rent	16.208	218.1	219.2	8.4	.5	.5	.4	.3
Transportation services	5.295	191.0	191.3	6.9	.2	.5	.3	.1
Medical care services	5.958	221.1	222.0	10.1	.4	.6	.8	.7
Other services	5.547	173.6	174.3	6.1	.4	.5	.6	.5
<b>Special indexes:</b>								
All items less food	76.333	180.9	181.6	6.3	.4	*.4	*.6	*.4
Nondurable commodities	46.462	181.0	181.4	6.1	.2	*.4	*.1	*.2
Apparel commodities less footwear	6.428	152.6	153.7	3.5	.7	.6	-.5	.1
Services less medical care services	31.575	193.9	194.7	7.4	.4	*.5	*.7	*.4
Insurance and finance	9.864	216.2	216.9	8.2	.3	.4	.3	-.3
Utilities and public transportation	5.675	190.4	191.4	8.8	.5	.4	.3	.6
Housekeeping and home maintenance service	4.830	228.5	229.7	6.7	.5	*.5	*.6	*.5
Appliances (including radio and TV)	1.395	126.8	127.0	2.1	.2	0	.3	0
<b>Expenditure classes</b>								
All items	100.000	184.0	184.5	6.5	0.3	0.3	0.3	0.3
Food	23.667	194.5	194.4	7.0	-.1	.3	.1	.1
Housing	34.202	192.7	193.6	7.5	.5	*.5	*.7	*.5
Shelter <sup>1</sup>	21.256	194.7	195.6	7.5	.5	*.5	*.8	*.5
Rent	4.525	155.3	156.1	6.3	.5	.5	.6	.4
Homeownership <sup>2</sup>	16.328	209.1	210.0	7.8	.4	*.6	*.8	*.4
Fuel and utilities <sup>3</sup>	5.414	205.5	206.8	10.9	.6	.8	.5	.7
Gas and electricity	2.913	218.0	219.3	12.8	.6	1.0	.4	.9
Household furnishings and operation	7.532	178.9	179.5	5.0	.3	.4	.1	.3
Apparel and upkeep	9.194	156.2	157.2	4.2	.6	.4	0	.1
Transportation	13.548	178.4	178.6	4.5	.1	.1	.1	.1
Private	12.227	177.8	177.9	4.5	.1	0	.2	.1
Public	1.321	184.1	184.4	3.9	.2	-.1	-.4	.1
Health and recreation	19.013	176.1	177.1	6.6	.6	*.3	*.8	*.6
Medical care	6.734	206.3	207.2	9.7	.4	*.7	*.7	*.4
Personal care	2.554	172.8	173.9	6.1	.6	*.5	*.4	*.6
Reading and recreation	5.143	159.8	160.6	4.6	.5	.7	.6	.5
Other goods and services	4.582	160.6	161.5	4.6	.6	-.1	1.2	.6
<b>Special indexes:</b>								
All items less shelter	78.744	181.2	181.7	6.3	.3	*.3	*.2	*.3
All items less medical care	93.266	182.6	183.1	6.2	.3	*.3	*.3	*.3
All items less mortgage interest costs	95.840	181.6	182.1	6.4	.3	*.3	*.3	*.3
CPI—domestically produced farm foods <sup>4</sup>	15.827	179.7	179.2	2.8	-.3	*.2	*.6	*.3
CPI—selected beef cuts <sup>5</sup>	1.806	164.9	164.5	3.2	-.2	-1.6	.4	1.9
All items less food and energy <sup>6</sup>	68.934	178.3	179.0	6.0	.4	.3	.3	.3
<b>Purchasing power of consumer dollar:</b>								
1967=\$1.00	-	\$0.543	\$0.542	-6.1	-.2	-	-	-
1957-59=\$1.00	-	.467	.466	-	-	-	-	-

<sup>1</sup> Also includes hotel and motel rates not shown separately.

<sup>2</sup> Includes home purchase, mortgage interest, taxes, insurance, and maintenance and repairs.

<sup>3</sup> Also includes residential telephone, fuel oil, coal, water, and sewerage services not shown separately.

<sup>4</sup> Calculated from the CPI food at home component by excluding fish, nonalcoholic beverages, bananas, chocolate candy bars, chocolate syrup, and about half of the index weight for sugar.

<sup>5</sup> Calculated from the CPI beef and veal component by excluding veal cutlets and beef liver.

<sup>6</sup> Energy includes gasoline, motor oil, fuel oil, coal, gas, and electricity.

\* Not seasonally adjusted.

† revised. See table 11.

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



**Table 2. CPI—seasonally adjusted U.S. city average, by commodity and service group and expenditure class**

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Consumer price index for urban wage earners and clerical workers, 1967=100										
Group and class	Seasonally adjusted indexes				Seasonally adjusted annual rate percent change for—					
	July 1977	August 1977	September 1977	October 1977	3 months ending in—				6 months ending in—	
					January 1977	April 1977	July 1977	October 1977	April 1977	October 1977
Commodity and service groups										
All items	-	-	-	-	6.1	9.9	6.4	3.8	8.0	5.1
Commodities	175.5	176.0	176.3	176.7	5.6	10.3	4.5	2.8	7.9	3.6
Food	194.0	194.5	194.7	194.9	2.9	17.4	6.4	1.9	9.9	4.1
Food at home	191.9	192.3	192.4	192.5	2.2	18.9	5.6	1.3	10.2	3.4
Cereals and bakery products	184.6	185.5	187.1	186.7	-3.5	3.8	7.7	4.6	1	6.2
Meats, poultry, and fish	177.2	178.2	178.4	179.1	2.1	7.8	-2.2	4.4	4.9	2.0
Dairy products	177.1	178.7	177.9	176.9	-7.0	-9.9	18.1	-5.5	-4.0	8.4
Fruits and vegetables	185.2	186.1	188.9	191.7	-3.7	49.0	-26.8	14.8	19.8	-8.3
Other foods at home	236.1	233.9	231.7	229.4	17.8	38.6	33.9	-10.9	27.8	9.2
Food away from home	202.1	203.2	203.7	204.2	6.5	12.0	9.6	4.2	9.2	6.9
Commodities less food	165.3	165.8	166.2	166.7	6.7	6.1	3.2	3.4	6.4	3.3
Nondurables less food	166.8	167.5	168.0	168.8	5.6	4.8	5.2	4.9	5.2	5.0
Apparel commodities	152.1	153.1	152.5	152.8	5.3	1.9	5.4	1.9	3.6	3.6
Men's and boys'	154.3	154.9	155.3	155.1	4.1	5.4	4.5	2.1	4.7	3.3
Women's and girls'	147.5	148.8	146.7	147.1	6.9	-1.9	7.7	-1.1	2.4	3.2
Footwear	156.8	157.6	157.9	158.6	4.3	4.2	3.1	4.7	4.2	3.9
Other apparel commodities	160.3	161.6	162.8	163.7	6.9	2.3	3.6	8.8	4.6	6.1
Nondurables less food and apparel	175.5	176.0	177.2	178.4	5.8	6.2	4.9	6.8	6.0	5.9
Gasoline and motor oil	185.7	186.1	187.2	189.8	2	8.2	6	9.1	4.1	4.8
Tobacco products	166.9	167.1	170.3	172.4	9.5	2.2	1.5	13.8	5.8	7.5
Alcoholic beverages	151.7	150.9	151.7	152.0	2.5	2.4	5.2	8	2.4	3.0
Fuel oil and coal	287.1	289.6	290.9	291.0	16.7	22.7	9.6	5.5	19.7	7.6
Other nondurables	170.7	171.4	172.2	172.8	6.5	5.2	8.1	5.0	5.9	6.6
Durable commodities	163.4	163.5	163.8	163.8	8.7	8.5	5	1.0	8.6	7
Household durables	151.6	152.1	152.5	152.9	5.3	5.2	2.4	3.5	5.2	2.9
New automobiles	142.3	143.2	144.0	144.8	5.3	1.4	5.2	7.2	3.4	6.2
Used automobiles	183.3	178.9	174.5	170.8	33.4	22.6	-22.2	-24.6	27.9	-23.4
Other durables <sup>1</sup>	172.0	172.9	174.4	175.0	4.5	7.7	7.0	7.2	6.1	7.1
Services	195.7	196.7	197.7	198.4	6.7	9.7	9.3	5.6	8.2	7.4
Rent	153.8	154.6	155.5	156.1	7.0	5.7	5.9	6.1	6.4	6.0
Services less rent	203.3	204.2	205.3	206.1	7.1	10.1	9.8	5.6	8.6	7.7
Household services less rent	216.3	217.3	218.1	218.8	6.7	10.5	11.9	4.7	8.6	8.2
Transportation services	190.0	191.0	191.6	191.7	6.9	8.8	8.6	3.6	7.8	6.1
Medical care services	217.7	218.9	220.7	222.2	12.6	10.2	8.9	8.5	11.4	8.7
Other services	171.4	172.3	173.3	174.1	6.2	5.4	6.1	6.5	5.8	6.3
Special indexes:										
All items less food <sup>1</sup>	179.1	179.8	180.9	181.6	5.0	7.9	6.7	5.7	6.4	6.2
Nondurable commodities <sup>1</sup>	180.1	180.8	181.0	181.4	3.3	12.1	6.2	2.9	7.6	4.6
Apparel commodities less footwear	151.3	152.2	151.5	151.6	5.3	1.6	6.3	8	3.4	3.5
Services less medical care services <sup>1</sup>	191.6	192.5	193.9	194.7	6.8	7.6	8.6	6.6	7.2	7.6
Insurance and finance	215.2	216.0	216.6	216.0	3.4	14.6	13.7	1.5	8.9	7.4
Utilities and public transportation	189.5	190.3	190.8	192.0	10.6	6.3	12.7	5.4	8.4	9.0
Housekeeping and home maintenance service <sup>1</sup>	226.0	227.2	228.5	229.7	4.5	7.0	8.8	6.7	5.7	7.7
Appliances (including radio and TV)	126.3	126.3	126.7	126.7	1.6	2.6	2.6	1.3	2.1	1.9
Expenditure classes										
All items	-	-	-	-	6.1	9.9	6.4	3.8	8.0	5.1
Food <sup>1</sup>	194.0	194.5	194.7	194.9	2.9	17.4	6.4	1.9	9.9	4.1
Housing	190.5	191.4	192.7	193.6	6.8	8.1	8.4	6.7	7.5	7.5
Shelter <sup>1,2</sup>	192.2	193.2	194.7	195.6	4.7	8.1	9.9	7.3	6.4	8.6
Rent	153.8	154.6	155.5	156.1	7.0	5.7	5.9	6.1	6.4	6.0
Homeownership <sup>1,3</sup>	206.2	207.4	209.1	210.0	4.0	9.0	10.8	7.6	6.5	9.2
Fuel and utilities <sup>4</sup>	204.3	205.9	206.9	208.3	13.6	9.4	12.4	8.1	11.5	10.2
Gas and electricity	216.6	218.7	219.5	221.5	15.0	10.0	16.9	9.4	12.5	13.1
Household furnishings and operation	177.6	178.3	178.5	179.1	6.0	5.4	5.1	3.4	5.7	4.3
Apparel and upkeep	154.8	155.4	155.4	155.6	6.3	2.4	5.9	2.1	4.3	4.0
Transportation	177.4	177.6	177.7	177.9	8.2	10.0	-9.9	1.1	9.1	1
Private	176.8	176.8	177.1	177.2	8.8	10.1	-1.1	9	9.4	-1.1
Public	184.4	184.2	183.4	183.5	3.2	7.6	7.0	-1.9	5.4	2.4
Health and recreation <sup>1</sup>	174.1	174.7	176.1	177.1	7.2	5.8	6.5	7.1	6.5	6.8
Medical care <sup>1</sup>	203.5	204.9	206.3	207.2	11.5	10.7	9.1	7.5	11.1	8.3
Personal care <sup>1</sup>	171.3	172.1	172.8	173.9	5.7	5.4	7.1	6.2	5.6	6.6
Reading and recreation	157.5	158.6	159.5	160.3	4.8	2.3	3.9	7.3	3.6	5.6
Other goods and services	159.1	158.9	160.8	161.7	5.8	2.6	3.6	6.7	4.2	5.1
Special indexes:										
All items less shelter <sup>1</sup>	180.2	180.8	181.2	181.7	4.8	10.8	6.2	3.4	7.7	4.8
All items less medical care <sup>1</sup>	181.4	182.0	182.6	183.1	4.0	10.3	6.9	3.8	7.1	5.3
All items less mortgage interest costs <sup>1</sup>	180.4	181.0	181.6	182.1	5.2	10.3	6.5	3.8	7.7	5.1
All items less food and energy <sup>5</sup>	176.8	177.3	177.9	178.5	6.6	7.0	6.8	3.9	6.8	5.4
CPI—domestically produced farm foods <sup>1,6</sup>	180.4	180.8	179.7	179.2	-2	11.5	2.9	-2.6	5.5	1
CPI—selected beef cuts <sup>7</sup>	162.0	159.4	160.1	163.2	22.7	-2	-10.2	3.0	10.6	-3.8

<sup>1</sup> Not seasonally adjusted.

<sup>2</sup> Also includes hotel and motel rates not shown separately.

<sup>3</sup> Includes home purchase, mortgage interest, taxes, insurance, and maintenance and repairs.

<sup>4</sup> Also includes residential telephone, fuel oil, coal, water, and sewerage service not shown separately.

<sup>5</sup> Energy includes gasoline, motor oil, fuel oil, coal, gas, and electricity.

<sup>6</sup> Calculated from the CPI food at home component by excluding fish, nonalcoholic

beverages, bananas, chocolate candy bars, chocolate syrup, and about half of the index weight for sugar.

<sup>7</sup> Calculated from the CPI beef and veal component by excluding veal cutlets and beef liver.

<sup>8</sup> Revised.

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

Table 3. CPI—food items, U.S. city average

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Item and group	Index		Percent change to October 1977 from—		
	October 1977		October 1976	September 1977	
	Unadjusted	Seasonally adjusted	Unadjusted	Unadjusted	Seasonally adjusted
Food .....	194.4	194.9	7.0	-0.1	0.1
Food away from home .....	204.6	204.2	8.1	.4	.2
Restaurant meals .....	201.3	(1)	7.0	.3	(1)
Snacks .....	220.5	219.8	13.1	.8	.4
Food at home .....	191.7	192.5	6.7	-.3	.1
Cereals and bakery products .....	185.6	186.7	3.1	.4	-.2
Flour .....	137.5	139.0	-9.8	-.1	-1.8
Cracker meal .....	234.4	235.6	5.2	.3	.1
Corn flakes .....	184.2	185.5	11.8	.7	.4
Rice .....	184.9	186.0	-3.7	-.2	-1.3
Bread, white .....	162.9	162.9	.2	-.4	-1.5
Bread, whole wheat .....	183.5	183.7	1.8	-.2	-.8
Cookies .....	221.7	222.6	15.3	1.9	1.0
Layer cake .....	194.5	196.5	5.2	.4	1.2
Cinnamon rolls .....	196.9	197.7	1.0	1.4	.3
Meats, poultry, and fish .....	180.9	179.1	3.5	-.7	.4
Meats .....	176.3	173.0	2.1	-.8	-.3
Beef and veal .....	163.7	162.6	3.2	-.2	1.8
Steak, round .....	163.5	163.8	6.0	1.2	4.7
Steak, sirloin .....	164.9	162.9	6.0	-4.2	-1.6
Steak, porterhouse .....	182.1	178.9	5.3	-3.8	-1.9
Rump roast .....	155.5	155.0	1.8	-.7	2.2
Rib roast .....	194.2	191.3	6.6	.4	1.4
Chuck roast .....	162.9	161.1	1.7	1.6	3.5
Hamburger .....	156.1	154.4	-.5	1.2	1.2
Beef liver .....	123.3	(1)	-.6	.9	(1)
Veal cutlets .....	192.0	192.0	5.1	-.8	-.6
Pork .....	194.2	188.0	1.3	-1.7	-.3
Chops .....	182.5	176.7	5.6	-2.2	-.5
Loin roast .....	194.1	186.6	3.7	-.9	.5
Sausage .....	223.9	214.7	0	-1.0	-1.5
Ham, whole .....	192.6	191.5	.5	1.3	0
Picnics .....	173.2	168.0	-.2	-2.3	-2.9
Bacon .....	203.2	189.9	-2.0	-3.1	-1.2
Other meats .....	179.0	176.9	1.3	-.5	-.8
Lamb chops .....	196.4	197.6	6.4	-.3	.9
Frankfurters .....	163.7	160.3	.6	-.1	-.2
Ham, canned .....	198.1	196.3	-2.5	-.5	-3.6
Bologna sausage .....	177.1	174.0	2.1	-.7	-.3
Salami sausage .....	170.7	168.0	1.7	-.3	-.8
Liverwurst .....	166.6	164.3	-.8	-1.2	-.8
Poultry .....	158.5	155.5	6.2	-1.1	2.2
Frying chicken .....	159.3	156.8	6.3	-1.8	2.7
Chicken breasts .....	168.3	166.3	7.2	-.6	2.0
Turkey .....	145.2	140.2	4.5	2.2	.5
Fish .....	260.3	260.8	11.0	.6	.3
Shrimp, frozen .....	249.9	(1)	8.2	-.9	(1)
Fish, fresh or frozen .....	294.3	(1)	11.6	1.1	(1)
Tuna fish, canned .....	222.0	224.9	17.0	1.6	1.9
Sardines, canned .....	274.6	273.5	8.9	.7	.2
Dairy products .....	176.2	176.9	2.0	.5	-.6
Milk, fresh, grocery .....	163.4	164.7	-.2	.5	-.3
Milk, fresh, skim .....	182.7	183.8	1.7	.4	-.2
Milk, evaporated .....	222.6	(1)	7.3	0	(1)
Ice cream .....	171.4	171.7	5.5	.8	-.1
Cheese, American process .....	207.5	210.0	2.4	.7	.1
Butter .....	165.8	161.6	4.3	.2	-1.3
Fruits and vegetables .....	184.0	191.7	4.8	.4	1.5
Fresh fruits and vegetables .....	178.6	191.2	3.9	.6	2.2
Fresh fruits .....	183.0	184.1	10.1	1.4	5.1
Apples .....	161.3	178.0	6.2	-11.0	6.0
Bananas .....	163.5	163.0	8.4	5.0	5.0
Oranges .....	198.6	184.9	17.4	7.5	5.1
Orange juice, fresh .....	184.2	(1)	17.5	1.7	(1)
Grapefruit .....	200.9	174.4	1.8	1.7	6.1
Grapes .....	240.4	259.9	13.6	14.6	8.3
Strawberries .....	(2)	(2)	(2)	(2)	(2)
Watermelon .....	(2)	(2)	(2)	(2)	(2)
Fresh vegetables .....	175.3	195.9	-.8	-.1	-.1
Potatoes .....	176.1	199.9	7.2	-5.1	-3.2
Onions .....	164.2	175.4	7.3	-5.8	.6
Asparagus .....	(2)	(2)	(2)	(2)	(2)
Cabbage .....	156.1	169.9	11.7	10.9	10.3
Carrots .....	173.5	177.2	4.0	.6	-3.4
Celery .....	182.6	190.0	8.6	3.9	.9
Cucumbers .....	130.4	156.9	-7.5	-4.2	-13.1
Lettuce .....	194.0	(1)	-23.6	3.9	(1)
Peppers, green .....	138.3	179.6	8.9	1.7	4.1
Spinach .....	226.0	226.0	11.9	.8	-.9
Tomatoes .....	169.4	207.1	.4	2.0	-.1

See footnotes at end of table.

Table 3. CPI—food items, U.S. city average—Continued

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Item and group	Index		Percent change to October 1977 from—		
	October 1977		October 1976	September 1977	
	Unadjusted	Seasonally adjusted	Unadjusted	Unadjusted	Seasonally adjusted
Food—Continued					
Food at home—Continued					
Fruits and vegetables—Continued					
Processed fruits and vegetables .....	192.1	193.3	6.1	0.3	0.3
Fruit cocktail, canned .....	186.3	184.8	3.6	.6	.9
Pears, canned .....	159.6	158.6	2.0	-.1	-.6
Pineapple-grapefruit drink, canned .....	187.3	185.4	5.9	-.4	-1.5
Orange juice concentrate, frozen .....	209.6	(1)	37.2	3.8	(1)
Lemonade concentrate, frozen .....	187.7	188.5	3.2	.7	0
Beets, canned .....	203.8	(1)	7.6	-.3	(1)
Peas, green canned .....	157.6	157.3	-1.3	-1.4	-1.7
Tomatoes, canned .....	198.7	(1)	10.8	0	(1)
Dried beans .....	238.8	246.4	-6.4	-.3	-1.0
Broccoli, frozen .....	195.7	(1)	22.5	2.2	(1)
Other food at home .....	230.5	229.4	18.1	-.9	-1.0
Eggs .....	154.5	152.2	-13.9	-7.3	-4.6
Fats and oils .....	197.8	195.5	13.5	-1.1	-3.2
Margarine .....	214.1	209.7	12.9	-2.3	-4.2
Salad dressing, Italian .....	168.8	170.0	10.1	1.5	1.1
Salad or cooking oil .....	210.6	207.1	16.2	-2.0	-3.8
Sugar and sweets .....	234.6	235.8	10.0	.6	-1.0
Sugar .....	177.6	177.1	-3.2	-.6	-4.1
Grape jelly .....	217.3	(1)	-1.3	.4	(1)
Chocolate bar .....	294.3	(1)	27.8	1.6	(1)
Syrup, chocolate flavored .....	241.8	245.0	12.3	.2	-1.4
Nonalcoholic beverages .....	343.2	(1)	48.8	-.9	(1)
Coffee .....	479.5	(1)	74.2	-1.6	(1)
Coffee, instant .....	385.1	(1)	55.6	-.3	(1)
Tea .....	196.2	(1)	27.9	1.8	(1)
Carbonated drink, cola flavored .....	207.4	(1)	5.8	.1	(1)
Carbonated drink, fruit flavored .....	207.9	(1)	3.9	.1	(1)
Prepared and partially prepared foods .....	178.1	178.6	4.2	1.0	1.0
Bean soup, canned .....	206.6	209.1	-1.4	.3	1.0
Chicken soup, canned .....	153.2	(1)	10.5	1.4	(1)
Spaghetti, canned .....	174.9	174.6	6.5	2.5	2.6
Mashed potatoes, instant .....	161.5	161.3	1.6	.4	.4
Potatoes, french fried, frozen .....	188.1	186.6	3.5	.9	1.2
Baby foods .....	190.0	(1)	10.6	1.2	(1)
Sweet pickle relish .....	188.2	189.7	2.8	2.0	.3
Pretzels .....	162.8	163.3	1.9	-.6	-.1

<sup>1</sup> Not available.<sup>2</sup> Priced only in season.

Table 4. CPI—nonfood commodities and services, U.S. city average

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Item and group	Other index base	Indexes		Percent change to October 1977 from—	
		September 1977	October 1977	October 1976	September 1977
Housing .....		192.7	193.6	7.5	0.5
Shelter <sup>1</sup> .....		194.7	195.6	7.5	.5
Rent, residential .....		155.3	156.1	6.3	.5
Homeownership <sup>2</sup> .....		209.1	210.0	7.8	.4
Mortgage interest rates .....		140.1	140.2	-.4	.1
Property taxes .....		183.0	184.2	9.3	.7
Property insurance premium .....		156.8	157.3	6.0	.3
Maintenance and repairs .....		218.5	219.6	7.5	.5
Maintenance and repair commodities <sup>3</sup> .....		182.3	182.5	7.4	.1
Exterior house paint .....		168.7	170.0	3.3	.8
Interior house paint .....		159.5	161.5	5.6	1.3
Maintenance and repair services .....		234.2	235.7	7.6	.6
Repainting living and dining rooms .....		246.1	247.3	7.0	.5
Reshingling house roof .....		257.1	259.8	8.7	1.1
Residing house .....		222.6	223.9	8.1	.6
Replacing sink .....		227.0	227.3	5.7	.1
Repairing furnace .....		228.1	230.8	8.3	1.2
Fuel and utilities .....		205.5	206.8	10.9	.6
Fuel oil and coal .....		285.1	287.2	13.5	.7
Fuel oil, No. 2 .....		281.7	283.6	13.6	.7
Gas and electricity .....		218.0	219.3	12.8	.6
Gas .....		242.3	246.4	17.9	1.7
Electricity .....		195.3	194.1	7.4	-.6
Other utilities:					
Residential telephone services .....		131.7	131.9	.8	.2
Residential water and sewerage services .....		215.1	218.4	11.9	1.5
Household furnishings and operation <sup>4</sup> .....		178.9	179.5	5.0	.3
Housefurnishings .....		157.9	158.4	4.1	.3
Textiles .....		158.3	158.5	4.6	.1
Sheets, full, flat .....		154.4	154.9	-1.2	.3
Curtains, tailored .....		146.8	145.4	.1	-1.0
Bedsprings .....		165.4	167.9	10.7	1.5
Draperies, fabrics .....		201.2	200.0	10.3	-.6
Pillows, bed .....		136.1	136.3	2.9	.1
Slipcovers and throws, ready-made .....		144.3	145.2	3.3	.6
Furniture and bedding .....		159.1	159.5	4.3	.3
Bedroom furniture, chest and dresser .....	Mar. 70	141.0	141.7	4.9	.5
Sofas, upholstered .....		145.0	145.6	3.0	.4
Cocktail tables .....	Dec. 71	128.7	128.9	-1.9	.2
Dining room chairs .....	Mar. 70	148.2	148.3	6.8	.1
Recliners, upholstered .....	Dec. 71	114.3	114.2	1.8	-.1
Sofas, dual purpose .....		143.7	143.4	3.6	-.2
Bedding, mattress and box springs .....	June 70	138.8	139.3	2.6	.4
Aluminum folding chairs .....		( <sup>s</sup> )	( <sup>s</sup> )	( <sup>s</sup> )	( <sup>s</sup> )
Cribs .....		166.3	166.9	7.1	.4
Floor coverings .....		141.3	141.5	2.5	.1
Broadloom carpeting .....		128.0	127.5	1.5	-.4
Vinyl sheet goods .....		171.7	174.4	4.6	1.6
Vinyl floor tile .....		172.6	173.6	3.9	.6
Appliances (excluding radio and TV) .....		141.5	142.0	3.5	.4
Washing machines, electric .....		146.5	147.5	3.1	.7
Vacuum cleaners .....		126.3	124.8	2.0	-1.2
Refrigerators, refrigerator-freezers, electric .....		140.6	141.5	3.6	.6
Ranges, free standing, gas or electric .....		144.0	145.2	3.3	.8
Clothes dryers, electric .....		157.4	157.7	3.9	.2
Air conditioners, demountable .....		( <sup>s</sup> )	( <sup>s</sup> )	( <sup>s</sup> )	( <sup>s</sup> )
Room heaters, electric, portable .....		( <sup>s</sup> )	135.8	3.3	( <sup>s</sup> )
Garbage disposal units .....		140.6	141.2	3.9	.4
Other housefurnishings:					
Dinnerware, fine china .....		207.8	207.3	7.5	-.2
Flatware, stainless steel .....		186.0	186.5	2.6	.3
Table lamps, with shade .....		154.1	153.8	3.6	-.2
Lawn mowers, power, rotary type .....		167.5	167.8	1.6	.2
Electric drills, hand-held .....		130.1	130.7	1.9	.5
Housekeeping supplies:					
Laundry soaps and detergents .....		188.8	188.9	6.6	.1
Paper napkins .....		242.8	245.5	10.2	1.1
Toilet tissue .....		267.7	268.8	10.2	.4
Housekeeping services:					
Domestic services, general housework .....		223.6	223.8	4.2	.1
Baby sitter services .....		229.2	229.6	4.5	.2
Postal charges .....		225.6	225.6	0	0
Laundry, flatwork, finished service .....		226.0	227.0	9.3	.4
Licensed day care services, preschool child .....		174.1	177.7	7.8	2.1
Washing machine repairs .....		211.6	212.0	4.0	.2

See footnotes at end of table.

Table 4. CPI—nonfood commodities and services, U.S. city average—Continued

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Item and group	Other index base	Indexes		Percent change to October 1977 from—	
		September 1977	October 1977	October 1976	September 1977
Apparel and upkeep <sup>6</sup>		156.2	157.2	4.2	0.6
Apparel commodities		153.5	154.6	3.6	.7
Apparel commodities less footwear		152.6	153.7	3.5	.7
Men's and boys'		155.8	156.2	4.1	.3
Men's:					
Topcoats and all-weather coats		156.0	156.8	1.9	.5
Suits, year round weight		141.7	140.4	-1.6	-.9
Sport jackets	June 74	95.6	96.6	-1.4	1.0
Jackets, lightweight		147.9	147.8	5.0	-.1
Slacks, heavyweight		119.0	120.8	-.9	1.5
Slacks, lightweight		151.3	152.4	2.4	.7
Trousers, work		177.2	177.4	8.2	.1
Shirts, work		176.2	174.1	7.5	-1.2
Shirts, business or dress		145.8	146.8	7.2	.7
T-shirts		179.8	180.8	12.0	.6
Socks		140.7	140.6	3.8	-.1
Handkerchiefs		174.4	175.5	6.7	.6
Boys':					
Coats, heavyweight		126.1	128.1	.2	1.6
Sport coats, wool or wool blends		130.3	131.8	1.9	1.2
Dungarees		206.7	206.5	5.5	-.1
Undershorts		173.1	173.6	10.1	.3
Women's and girls'		148.6	150.2	2.8	1.1
Women's:					
Coats, heavyweight		163.4	166.8	2.1	2.1
Carcoats, heavyweight		166.3	170.8	-.5	2.7
Sweaters		152.9	157.3	10.9	2.9
Skirts, winter weight		159.6	162.6	1.2	1.9
Skirts, summer weight		146.7	148.7	5.1	1.4
Blouses		149.3	150.5	3.4	.8
Dresses, street, year round weight		157.2	156.1	3.0	-.7
Slips		136.9	137.0	7.7	.1
Panties		162.3	162.3	6.6	0
Girdles		138.3	138.8	4.0	.4
Brassieres		155.8	158.0	3.4	1.4
Hose or panty hose, nylon		93.4	92.4	.7	-1.1
Anklets or knee-length socks		140.1	140.8	2.8	.5
Gloves, fabric		127.9	127.2	-.4	-.5
Handbags		172.8	171.7	-1.6	-.6
Girls':					
Raincoats		122.9	126.2	-12.2	2.7
Skirts, fall and winter		156.2	160.7	-2.0	2.9
Dresses		139.8	141.0	1.9	.9
Slacks, fall and winter		176.7	183.2	3.5	3.7
Slips		143.8	144.7	4.3	.6
Handbags		154.3	153.5	5.1	-.5
Other apparel commodities		163.1	163.7	5.3	.4
Diapers		214.8	215.6	9.9	.4
Yard goods		174.2	174.5	7.1	.2
Wrist watches, men's and women's		142.7	142.8	.4	.1
Footwear		158.1	159.1	4.1	.6
Men's:					
Shoes, street		166.4	166.8	5.1	.2
Shoes, work, high		185.9	186.0	6.7	.1
Women's:					
Shoes, street, pump		148.5	149.5	2.3	.7
Shoes, evening, pump		141.7	142.4	3.7	.5
Shoes, casual		159.5	160.1	3.0	.4
Houseslippers, scuff		152.9	155.3	4.2	1.6
Children's:					
Shoes, oxford		160.3	161.3	3.2	.6
Sneakers, boys', oxford type		153.6	158.1	6.2	2.9
Dress shoes, girls'		166.8	167.2	3.5	.2
Apparel services:					
Drycleaning		172.5	173.3	6.4	.5
Automatic laundry service		161.6	162.6	12.1	.6
Laundry, men's shirts		179.3	180.7	7.1	.8
Tailoring charges		177.0	177.1	7.3	.1
Shoe repairs		165.5	166.0	9.4	.3
Transportation		<sup>7</sup> 178.4	178.6	4.5	.1
Private <sup>8</sup>		<sup>7</sup> 177.8	177.9	4.5	.1
Automobiles, new		141.1	145.7	4.7	3.3
Automobiles, used		182.5	178.0	-1.1	-2.5
Gasoline, regular, premium, and unleaded		190.5	190.0	4.4	-.3
Motor oil		167.0	168.7	4.8	1.0
Tires		138.0	138.3	.2	.2
Auto repairs (mechanical) and maintenance <sup>9</sup>		206.7	207.6	7.6	.4
Auto insurance premiums		<sup>7</sup> 215.9	214.5	9.4	-.6
Auto registration fees		142.2	142.2	7.1	0
Parking fees, private and municipal		195.3	197.1	4.9	.9

See footnotes at end of table.

**Table 4. CPI—nonfood commodities and services, U.S. city average—Continued**

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Item and group	Other index base	Indexes		Percent change to October 1977 from—	
		September 1977	October 1977	October 1976	September 1977
<b>Transportation—Continued</b>					
Public .....		184.1	184.4	3.9	0.2
Local transit fares .....		179.1	179.1	1.9	0
Taxicab fares .....		192.7	194.8	8.3	1.1
Railroad fares, coach .....		186.1	186.1	10.1	0
Airplane fares, chiefly coach .....		184.3	184.3	3.7	0
Bus fares, intercity .....		232.2	232.2	14.0	0
<b>Health and recreation</b> .....		176.1	177.1	6.6	.6
Medical care <sup>10</sup> .....		206.3	207.2	9.7	.4
Drugs and prescriptions .....		135.9	136.7	6.9	.6
Over-the-counter items .....		150.8	151.1	6.9	.2
Multiple vitamin concentrates .....		109.7	109.1	2.7	-.5
Aspirin compounds .....		150.2	151.1	7.5	.6
Liquid tonics .....		122.5	122.1	.6	-.3
Adhesive bandages, packages .....		216.1	217.0	14.7	.4
Cold tablets or capsules .....		138.0	137.8	3.7	-.1
Cough syrup .....		156.7	158.0	6.2	.8
Prescriptions .....		123.5	124.6	6.9	.9
Anti-infectives .....		75.1	75.6	3.3	.7
Sedative and hypnotics .....		175.1	177.2	6.6	1.2
Ataractics .....		117.8	117.7	1.7	-.1
Antispasmodics .....		153.3	156.0	12.0	1.8
Cough preparations .....		204.6	205.2	11.0	.3
Cardiovasculars and antihypertensives .....		126.4	126.9	4.4	.4
Analgesics, internal .....		126.4	126.6	4.6	.2
Hormones .....		123.6	126.0	12.6	1.9
<b>Professional services:</b>					
Physicians' fees .....		209.9	210.7	9.1	.4
General physician, office visits .....		216.2	216.8	9.1	.3
General physician, house visits .....		208.8	209.0	8.0	.1
Obstetrical cases .....		210.9	212.3	7.3	.7
Pediatric care, office visits .....		216.3	219.0	11.8	1.2
Psychiatrist, office visits .....		175.4	175.8	6.0	.2
Herniorrhaphy, adult .....		187.3	187.7	7.5	.2
Tonsillectomy and adenoidectomy .....		206.3	206.6	12.5	.1
Dentists' fees .....		188.8	189.6	8.0	.4
Fillings, adult, amalgam, one surface .....		195.3	196.1	8.7	.4
Extractions, adult .....		190.4	191.6	8.9	.6
Dentures, full upper .....		173.9	174.4	5.5	.3
<b>Other professional services:</b>					
Examination, prescription, and dispensing of eyeglasses .....		170.7	171.4	6.4	.4
Routine laboratory tests .....		172.1	172.9	5.4	.5
<b>Hospital service charges</b> .....	Jan. 72	167.6	168.5	10.5	.5
Semiprivate rooms .....		306.3	307.9	11.3	.5
Operating room charges .....		318.7	319.8	12.1	.3
X-ray, diagnostic series, upper GI .....		192.8	193.5	7.9	.4
Laboratory tests .....	Jan. 72	150.4	151.7	6.3	.9
Anti-infectives .....	Jan. 72	135.2	136.1	9.9	.7
Tranquilizers .....	Jan. 72	147.2	147.7	13.4	.3
Electrocardiogram .....	Jan. 72	146.4	146.8	6.0	.3
Intravenous solution .....	Jan. 72	159.3	159.8	8.6	.3
Physical therapy .....	Jan. 72	170.8	171.6	11.1	.5
Oxygen, inhalation therapy .....	Jan. 72	144.1	145.9	9.3	1.2
<b>Personal care</b> .....		172.8	173.9	6.1	.6
Toilet goods .....		169.2	170.5	5.9	.8
Toothpaste, standard dentifrice .....		144.5	146.2	4.1	1.2
Toilet soap, hard-milled .....		211.5	211.5	10.1	0
Hand lotions .....		176.2	177.7	6.6	.9
Shaving cream .....		137.1	139.3	.9	1.6
Face powder .....		174.1	174.7	1.7	.3
Deodorants .....		126.5	129.0	5.5	2.0
Cleansing tissues .....		239.0	239.4	8.6	.2
Home permanent wave kits .....		137.6	139.2	6.3	1.2
<b>Personal care services</b> .....		176.6	177.5	6.4	.5
Men's haircuts .....		176.0	177.3	5.7	.7
Beauty shop services .....		177.2	177.8	7.0	.3
Women's haircuts .....		213.6	214.5	9.9	.4
Shampoo and wave sets, plain .....		175.0	175.6	6.0	.3
Permanent waves, cold .....		144.9	145.2	5.4	.2
<b>Reading and recreation</b> <sup>11</sup> .....		159.8	160.6	4.6	.5
Recreational goods .....		131.4	131.6	2.5	.2
TV sets, portable and console .....		101.4	101.5	-1.1	.1
TV replacement tubes .....		176.2	177.7	6.5	.9
Radios, portable and table models .....		105.3	104.2	-.8	-1.0
Tape recorders, portable .....		95.0	94.3	-2.3	-.7
Phonograph records, stereophonic .....		127.0	127.0	2.4	0
Movie cameras, 8mm .....		96.3	96.2	.7	-.1
Film, 35mm, color .....		134.2	134.3	4.8	.1
Golf balls .....		104.4	104.9	.9	.5

See footnotes at end of table.

**Table 4. CPI—nonfood commodities and services, U.S. city average—Continued**

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Item and group	Other index base	Indexes		Percent change to October 1977 from—	
		September 1977	October 1977	October 1976	September 1977
Health and recreation—Continued					
Reading and recreation—Continued					
Recreational goods—Continued					
Basketballs, rubber or vinyl cover .....		150.6	150.1	1.6	-0.3
Fishing rods, fresh-water spincasting .....		128.3	128.0	2.6	-.2
Bowling balls .....		134.4	134.3	1.8	-.1
Bicycles, boys' .....		148.4	148.4	1.2	0
Tricycles .....		156.3	157.5	3.6	.8
Dog food, canned or boxed .....		185.5	186.5	6.1	.5
Recreational services .....		163.5	164.1	4.1	.4
Indoor movie admissions .....		188.9	187.9	4.4	-.5
Adult .....		178.9	177.9	2.2	-.6
Children's .....		217.4	216.3	9.8	-.5
Drive-in movie admissions .....		192.4	193.4	5.2	.5
Bowling fees, evening .....		155.0	158.0	6.0	1.9
Golf green fees .....		174.5	174.3	4.2	-.1
TV repair .....		110.2	110.5	1.6	.3
Film developing .....		121.3	121.7	-1.6	.3
Reading and education:					
Newspapers, street sale and delivery .....		195.0	195.4	6.5	.2
Magazines, single copy and subscription .....		204.1	203.8	8.4	-.1
Piano lessons, beginner .....		156.1	156.8	5.7	.4
Other goods and services .....		160.6	161.5	4.6	.6
Tobacco products .....		170.0	171.7	6.6	1.0
Cigarettes, nonfilter tip, regular size .....		172.6	174.7	7.1	1.2
Cigarettes, filter tip, king size .....		172.9	174.4	6.6	.9
Cigars, domestic, regular size .....		135.5	136.3	3.7	.6
Alcoholic beverages .....		151.9	152.3	2.7	.3
Beer, at home .....		146.6	146.4	1.1	-.1
Whiskey, spirit blended and straight bourbon .....		118.5	118.6	1.8	.1
Wine, dessert and table .....		163.1	164.7	4.1	1.0
Beer, away from home .....		174.8	175.8	4.4	.6
Financial and miscellaneous personal expenses:					
Funeral services, adult .....		157.6	158.2	4.7	.4
Bank service charges, checking account .....		134.4	134.7	3.5	.2
Legal services, short form will .....		216.0	216.2	7.1	.1

<sup>1</sup> Also includes hotel and motel rates not shown separately.

<sup>2</sup> Also includes home purchase costs not shown separately.

<sup>3</sup> Also includes pine shelving, furnace filters, packaged dry cement mix, and shrubbery not shown separately.

<sup>4</sup> Also includes window shades, nails, carpet sweepers, air deodorizers, steel wool scouring pads, envelopes, reupholstering, and moving expenses.

<sup>5</sup> Priced only in season.

<sup>6</sup> Also includes men's sport shirts, women's and girls' lightweight coats, women's slacks, bathing suits, girls' shorts, earrings, and zippers not shown separately.

<sup>7</sup> Revised indexes, see table 11.

<sup>8</sup> Also includes storage batteries and drivers' license fees not shown separately.

<sup>9</sup> Includes prices for water pump replacement, motor tune-up, automatic transmission repair, front-end alignment, and chassis lubrication; does not include prices for auto body repairs. In the CPI this component represents consumers' direct, out-of-pocket expenses for automobile repairs and maintenance.

<sup>10</sup> Also includes health insurance not shown separately.

<sup>11</sup> Also includes outboard motors, nondurable toys, college tuition fees, paperback books, and college textbooks, not shown separately.

**Table 5. CPI—selected areas, all items index**

(Consumer price index for urban wage earners and clerical workers)

Area <sup>1</sup>	Pricing schedule <sup>2</sup>	Indexes			Percent change from:		
		1967=100	1957-59=100	Other bases			
		October 1977			October 1976	July 1977	September 1977
U.S. city average .....	M	184.5	214.6		6.5	1.0	0.3
Chicago .....	M	178.8	203.2		6.3	1.4	.2
Detroit .....	M	183.1	210.4		6.8	.3	.2
Los Angeles—Long Beach .....	M	181.6	213.6		5.9	.7	0
N.Y.—Northeastern N.J. ....	M	187.6	223.3		4.8	.6	.2
Philadelphia .....	M	187.0	218.5		6.8	1.2	.3
		October 1977			October 1976	July 1977	
Boston .....	1	<sup>3</sup> 185.7	<sup>4</sup> 222.5		5.5	.7	
Houston .....	1	192.7	220.5		5.9	.6	
Minneapolis—St. Paul .....	1	187.0	216.7		7.8	1.4	
Pittsburgh .....	1	183.5	211.0		7.4	1.6	
		August 1977			August 1976	May 1977	
Buffalo .....	2	182.7		<sup>5</sup> 200.8	6.2	.8	
Cleveland .....	2	181.1	204.5		6.2	.7	
Dallas .....	2	182.4		<sup>5</sup> 197.2	7.9	1.7	
Milwaukee .....	2	178.7	201.7		5.7	.4	
San Diego .....	2	184.1		<sup>6</sup> 193.5	7.0	1.9	
Seattle .....	2	180.2	211.8		8.8	2.3	
Washington .....	2	185.5	216.1		7.2	1.8	
		September 1977			September 1976	June 1977	
Atlanta .....	3	183.0	210.5		6.6	2.2	
Baltimore .....	3	188.8	219.2		7.0	1.6	
Cincinnati .....	3	185.2	210.2		7.6	1.8	
Honolulu .....	3	173.4		<sup>7</sup> 186.9	5.7	1.7	
Kansas City .....	3	180.6	214.4		7.1	.9	
St. Louis .....	3	179.1	209.2		7.2	1.0	
San Francisco—Oakland .....	3	184.0	219.0		8.3	1.8	

<sup>1</sup> Area coverage includes the urban portion of the corresponding Standard Metropolitan Statistical Area (SMSA) except for New York and Chicago which have more extensive Standard Consolidated Areas. Area definitions were established for the 1960 Census and exclude revisions made since 1960.

<sup>2</sup> Foods, fuels, and several other items priced every month in all cities; most other goods and services priced as indicated:

M — Every month.

1 — January, April, July, and October.

2 — February, May, August, and November.

3 — March, June, September, and December.

<sup>3</sup> Revised indexes (1967=100): January 1977, 178.9; April 1977, 181.8; July 1977, 184.5.

<sup>4</sup> Revised indexes (1957-59=100): January 1977, 214.3; April 1977, 217.8; July 1977, 211.0.

<sup>5</sup> November 1963=100.

<sup>6</sup> February 1965=100.

<sup>7</sup> December 1963=100.

NOTE: Price changes within areas are found in the Consumer Price Index; differences in living costs among areas are found in family budgets.

**Table 6. CPI—areas <sup>1</sup> priced monthly, by expenditure class, percent change from September 1977 to October 1977**

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Expenditure class	U.S. city average	Chicago	Detroit	Los Angeles—Long Beach	New York—Northeastern New Jersey	Philadelphia
All items .....	0.3	0.2	0.2	0	0.2	0.3
Food .....	-.1	.2	.4	.2	.2	.5
Housing .....	.5	.3	-.1	-.5	.2	-.1
Apparel and upkeep .....	.6	-1.5	.4	1.2	-.4	.9
Transportation .....	.1	.1	0	-.3	.4	-.1
Health and recreation .....	.6	.8	.4	.6	.2	.5
Medical care .....	.4	.6	.1	.8	.5	-.1
Personal care .....	.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Reading and recreation .....	.5	1.1	.1	.1	.2	.7
Other goods and services .....	.6	1.1	.6	.7	.1	1.2

<sup>1</sup> See footnote 1, table 5.

<sup>2</sup> Not available.



Table 7. CPI—selected areas, by expenditure class

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Expenditure class	U.S. city average	Boston	Chicago	Detroit	Houston	Los Angeles— Long Beach	Minne- apolis	New York— North- eastern New Jersey	Phila- delphia	Pitts- burgh
Indexes, October 1977										
All items .....	184.5	<sup>2</sup> 185.7	178.8	183.1	192.7	181.6	187.0	187.6	187.0	183.5
Food .....	194.4	193.5	195.5	188.7	199.9	188.7	200.6	196.7	201.1	196.9
Food at home .....	191.7	190.0	194.2	185.1	192.1	186.8	193.6	197.3	197.1	193.2
Cereals and bakery products .....	185.6	191.3	188.1	196.0	178.4	184.5	195.0	189.3	197.1	196.2
Meats, poultry, and fish .....	180.9	181.8	185.3	173.8	188.6	179.4	183.4	179.5	186.6	185.2
Dairy products .....	176.2	169.1	170.0	176.2	183.3	162.0	192.1	180.1	180.7	171.7
Fruits and vegetables .....	184.0	179.7	195.6	163.2	192.4	175.2	181.6	200.6	189.7	185.4
Other food at home .....	230.5	230.2	235.3	223.2	210.6	225.9	215.3	245.0	236.1	226.5
Food away from home .....	204.6	206.0	201.0	204.7	227.5	193.9	231.5	195.2	218.1	218.9
Housing .....	193.6	187.0	176.3	186.7	210.0	191.3	202.9	194.4	195.1	192.0
Shelter .....	195.6	183.5	177.3	191.1	226.4	199.2	214.1	192.7	204.8	195.6
Rent, residential .....	156.1	168.5	( <sup>3</sup> )	153.7	159.5	( <sup>3</sup> )	154.1	173.3	( <sup>3</sup> )	154.6
Homeownership .....	210.0	189.4	191.9	198.4	250.0	211.2	224.4	206.3	214.2	207.2
Fuel and utilities .....	206.8	209.6	180.8	205.0	193.7	169.3	199.9	225.2	196.5	201.7
Fuel oil and coal .....	287.2	275.3	283.6	287.3	-	-	290.0	293.8	279.6	-
Gas and electricity .....	219.3	187.0	191.2	218.5	214.9	199.5	207.0	257.2	203.0	242.2
Household furnishings and operation .....	179.5	180.0	170.6	161.2	188.2	174.4	172.4	180.8	176.5	176.6
Apparel and upkeep .....	157.2	162.5	144.2	148.6	175.3	146.9	149.8	152.3	145.7	150.2
Men's and boys' .....	156.2	150.8	134.1	155.3	160.6	140.9	153.1	141.0	149.1	142.7
Women's and girls' .....	150.2	164.8	137.3	132.9	178.8	141.3	141.5	147.3	127.3	147.9
Footwear .....	159.1	161.3	150.6	148.8	170.3	151.3	153.3	156.4	156.3	157.6
Transportation .....	<sup>4</sup> 178.6	<sup>5</sup> 207.5	182.1	177.3	168.4	181.1	168.5	195.5	185.6	179.9
Private .....	<sup>6</sup> 177.9	<sup>7</sup> 213.9	181.6	177.4	168.8	182.8	169.5	185.8	186.8	180.8
Public .....	184.4	168.1	185.8	174.0	162.1	149.2	154.2	232.8	178.9	174.3
Health and recreation .....	177.1	172.4	179.3	191.5	185.1	173.7	175.6	182.3	181.9	177.7
Medical care .....	207.2	196.7	212.6	243.4	223.0	209.7	188.9	220.5	226.6	205.1
Personal care .....	173.9	169.4	( <sup>3</sup> )	178.2	182.2	( <sup>3</sup> )	178.3	( <sup>3</sup> )	171.6	170.6
Reading and recreation .....	160.6	161.6	160.4	158.8	155.7	146.1	172.7	168.4	159.9	160.6
Other goods and services .....	161.5	163.3	166.5	166.6	163.1	162.0	162.2	163.1	162.7	171.2
Percent changes, July 1977 to October 1977										
All items .....	1.0	0.7	1.4	0.3	0.6	0.7	1.4	0.6	1.2	1.6
Food .....	-1.1	-1.5	1.3	-1.3	-1.5	.6	.2	-1.6	.3	.5
Food at home .....	-1.6	-1.2	1.5	-1.0	-1.0	.3	-1.2	-1.9	.2	.4
Cereals and bakery products .....	1.3	.5	1.8	2.1	-1.8	1.3	-1.1	1.2	.9	2.8
Meats, poultry, and fish .....	.3	.8	1.3	-1.1	-1.3	1.9	.3	0	.4	1.5
Dairy products .....	1.2	.6	5.7	.5	-2.2	2.5	3.7	.7	2.2	.8
Fruits and vegetables .....	-5.2	-8.2	-1.0	-8.2	1.0	-3.3	-2.3	-5.1	-6.2	-5.7
Other food at home .....	-1.4	-1.9	.9	1.5	-1.8	-1.8	-2.1	-1.2	2.9	1.8
Food away from home .....	1.4	2.1	.9	2.6	.8	1.3	1.8	.5	.7	.8
Housing .....	1.6	.3	1.8	-.4	.7	.4	2.2	1.0	1.9	2.9
Shelter .....	1.8	-.2	2.4	.5	1.9	-.1	3.5	1.4	1.2	2.8
Rent, residential .....	1.6	1.1	( <sup>3</sup> )	<sup>8</sup> 1.4	1.5	( <sup>3</sup> )	1.9	<sup>8</sup> 1.8	( <sup>3</sup> )	3.2
Homeownership .....	1.8	-.8	2.7	.2	2.0	-.5	3.6	1.2	1.2	2.7
Fuel and utilities .....	1.6	1.1	.4	-5.4	-4.0	2.4	-1.7	-.1	3.3	4.4
Fuel oil and coal .....	1.2	2.3	1.4	.6	-	-	.4	1.3	2.0	-
Gas and electricity .....	1.5	.1	-.4	-9.5	-6.8	2.8	-2.8	-1.2	5.6	5.5
Household furnishings and operation .....	1.2	.7	1.1	.9	.9	1.3	.6	.8	2.4	1.9
Apparel and upkeep .....	2.5	5.0	1.6	1.2	3.4	3.2	.7	2.6	2.4	2.0
Men's and boys' .....	2.4	3.1	1.3	2.9	-1.0	5.1	3.0	2.8	1.5	2.6
Women's and girls' .....	3.2	9.1	2.1	1.0	6.0	3.8	-1.6	2.2	3.2	2.3
Footwear .....	2.1	1.2	.7	-2.8	3.0	.9	1.3	4.9	3.6	1.7
Transportation .....	-.3	-.5	-.8	.2	-1.0	-1.1	-.5	.3	.4	-.3
Private .....	-.4	-.6	-1.0	.1	-1.1	-1.2	-.6	.4	.5	-.4
Public .....	.5	.7	1.3	.4	.1	.3	1.6	.2	.2	.8
Health and recreation .....	1.7	1.8	2.3	2.0	1.6	2.0	2.8	.8	1.3	2.1
Medical care .....	1.8	2.3	2.0	2.6	2.0	2.3	1.1	1.0	.6	1.7
Personal care .....	1.5	1.7	( <sup>3</sup> )	1.6	1.3	( <sup>3</sup> )	2.6	( <sup>3</sup> )	1.4	1.5
Reading and recreation .....	1.8	1.3	2.1	1.8	.3	1.1	6.1	2.4	1.2	1.6
Other goods and services .....	1.5	1.9	2.6	1.5	2.6	2.3	1.2	-.5	2.6	3.4

<sup>1</sup> See footnote 1, table 5.<sup>2</sup> Revised indexes: January 1977, 178.9; April 1977, 181.6; July 1977, 184.5.<sup>3</sup> Not available.<sup>4</sup> Revised indexes: January 1977, 172.2; February 1977, 173.2; March 1977, 174.7; April 1977, 176.7; May 1977, 178.1; June 1977, 179.1; July 1977, 179.2; August 1977, 178.8; September 1977, 178.4.<sup>5</sup> Revised indexes: January 1977, 203.0; April 1977, 206.6; July 1977, 208.5.<sup>6</sup> Revised indexes: January 1977, 171.5; February 1977, 172.6; March 1977, 174.0; April 1977, 176.2; May 1977, 177.7; June 1977, 178.6; July 1977, 178.7; August 1977, 178.2; September 1977, 177.8.<sup>7</sup> Revised index: January 1977, 209.1; April 1977, 213.1; July 1977, 215.2.<sup>8</sup> Change from August 1977.

Table 8. CPI—food groups, selected areas

(Consumer price index for urban wage earners and clerical workers, 1967=100)

Area <sup>1</sup>	Total food	Food at home						Food away from home
		Total	Cereals and bakery products	Meats, poultry, and fish	Dairy products	Fruits and vegetables	Other foods at home	
Indexes, October 1977								
U.S. city average . . . . .	194.4	191.7	185.6	180.9	176.2	184.0	230.5	204.6
Atlanta . . . . .	200.5	199.1	190.9	181.7	196.4	204.8	225.5	205.1
Baltimore . . . . .	198.9	196.2	178.8	188.4	174.6	194.0	236.8	209.3
Boston . . . . .	193.5	190.0	191.3	181.8	169.1	179.7	230.2	206.0
Buffalo . . . . .	191.0	188.8	184.8	177.8	175.4	177.2	228.1	203.3
Chicago . . . . .	195.5	194.2	188.1	185.3	170.0	195.6	235.3	201.0
Cincinnati . . . . .	202.0	203.8	195.4	187.3	179.8	203.1	254.0	195.2
Cleveland . . . . .	197.3	196.2	198.8	184.8	190.0	177.8	231.0	203.6
Dallas . . . . .	193.1	187.0	184.5	174.9	173.4	179.5	216.7	215.1
Detroit . . . . .	188.7	185.1	196.0	173.8	176.2	163.2	223.2	204.7
Honolulu . . . . .	195.9	191.6	173.4	189.7	190.5	190.2	213.3	208.0
Houston . . . . .	199.9	192.1	178.4	188.6	183.3	192.4	210.6	227.5
Kansas City . . . . .	196.2	191.6	182.2	179.4	185.7	179.8	226.6	210.8
Los Angeles—Long Beach . . . . .	188.7	186.8	184.5	179.4	162.0	175.2	225.9	193.9
Milwaukee . . . . .	190.6	187.5	185.1	177.1	179.7	180.1	216.0	( <sup>2</sup> )
Minneapolis—St. Paul . . . . .	200.6	193.6	195.0	183.4	192.1	181.6	215.3	231.5
N.Y.—Northeastern N.J. . . . .	196.7	197.3	189.3	179.5	180.1	200.6	245.0	195.2
Philadelphia . . . . .	201.1	197.1	197.1	186.6	180.7	189.7	236.1	218.1
Pittsburgh . . . . .	196.9	193.2	196.2	185.2	171.7	185.4	226.5	218.9
St. Louis . . . . .	194.6	193.4	194.8	175.8	183.3	186.4	233.4	200.3
San Diego . . . . .	193.7	181.5	174.3	176.8	163.4	175.0	212.4	( <sup>2</sup> )
San Francisco—Oakland . . . . .	190.2	191.3	183.6	184.3	169.1	174.6	239.0	186.4
Seattle . . . . .	190.8	188.9	183.5	184.3	172.0	169.6	226.7	196.9
Washington . . . . .	202.5	196.1	196.8	178.0	160.7	195.4	246.8	218.7
Percent changes, September 1977 to October 1977								
U.S. city average . . . . .	-0.1	-0.3	0.4	-0.7	0.5	0.4	-0.9	0.4
Atlanta . . . . .	.3	.2	1.2	-.7	.9	.8	-.3	.8
Baltimore . . . . .	-.3	-.4	0	.3	.6	-1.8	-.8	.2
Boston . . . . .	-.2	-.6	.8	-.5	0	-1.3	-1.3	1.2
Buffalo . . . . .	-.1	-.1	-.3	-.6	.3	1.2	-.5	0
Chicago . . . . .	.2	-.1	.5	.2	.4	-.3	-.8	1.1
Cincinnati . . . . .	.4	.4	-.8	-.1	.1	1.8	.6	.7
Cleveland . . . . .	1.9	2.2	2.8	.9	4.9	2.2	2.2	.4
Dallas . . . . .	-.6	-.7	-.6	-1.6	1.5	.2	-1.3	-.1
Detroit . . . . .	.4	0	-.9	.1	.3	2.4	-1.3	2.2
Honolulu . . . . .	-.1	-.2	.6	-.5	-.2	-.2	-.1	.1
Houston . . . . .	-.2	-.5	-1.3	-.6	.7	.2	-.9	.6
Kansas City . . . . .	.1	.1	-.9	.4	.7	1.3	-.7	.1
Los Angeles—Long Beach . . . . .	.2	.2	.7	-.2	.7	1.3	-.7	.4
Milwaukee . . . . .	-.9	-1.1	-.6	-2.9	-.1	.6	-.8	( <sup>2</sup> )
Minneapolis—St. Paul . . . . .	1.0	1.1	.1	.1	2.1	4.7	-.4	.8
N.Y.—Northeastern N.J. . . . .	.2	.1	.7	-.3	.6	1.0	-.6	.2
Philadelphia . . . . .	.5	.6	2.6	-.3	.8	.6	.2	.3
Pittsburgh . . . . .	.4	.4	.9	-.6	.1	3.2	-.2	.4
St. Louis . . . . .	-.6	-.7	-.9	-.6	-.7	.9	-1.6	-.1
San Diego . . . . .	.5	.7	.3	1.3	.4	1.8	-.4	( <sup>2</sup> )
San Francisco—Oakland . . . . .	0	-.2	1.5	-1.3	.4	1.6	-1.1	.7
Seattle . . . . .	0	-.3	-.2	-.2	0	1.7	-1.6	.7
Washington . . . . .	-.1	-.5	-1.4	-.9	1.3	.1	-.8	.6

<sup>1</sup> See footnote 1, table 5.<sup>2</sup> Not available.

**Table 9. CPI—gasoline indexes, U.S. city average and selected areas**

(Consumer price index for urban wage earners and clerical workers, January 1976=100)

Area <sup>1</sup>	Leaded regular gasoline			Unleaded regular gasoline			Premium gasoline		
	Index		Percent change to October 1977 from—	Index		Percent change to October 1977 from—	Index		Percent change to October 1977 from—
	September 1977	October 1977		September 1977	October 1977		September 1977	October 1977	
U.S. city average .....	107.7	107.3	-0.4	110.1	109.9	-0.2	108.7	108.5	-0.2
Atlanta .....	108.1	107.9	-.2	113.8	113.5	-.3	111.9	111.9	0
Baltimore .....	104.8	103.6	-1.1	108.7	107.6	-1.0	107.0	106.8	-.2
Boston .....	106.3	106.1	-.2	112.1	112.1	0	108.8	108.8	0
Buffalo .....	106.8	106.5	-.3	107.8	107.8	0	107.5	107.5	0
Chicago .....	107.6	107.2	-.4	109.7	109.3	-.4	108.4	108.0	-.4
Cincinnati .....	107.2	107.3	.1	110.2	110.4	.2	107.5	107.7	.2
Cleveland .....	105.4	104.8	-.6	109.3	109.5	.2	106.8	106.4	-.4
Dallas .....	110.7	110.0	-.6	113.1	113.0	-.1	111.0	110.8	-.2
Detroit .....	107.5	107.1	-.4	112.4	112.4	0	110.1	110.0	-.1
Honolulu .....	105.4	105.3	-.1	106.4	106.3	-.1	105.4	105.3	-.1
Houston .....	110.0	109.2	-.7	112.1	111.5	-.5	109.7	109.1	-.5
Kansas City .....	109.2	107.4	-1.6	111.9	111.0	-.8	109.4	108.5	-.8
Los Angeles—Long Beach .....	108.4	108.4	0	110.0	110.0	0	108.2	108.3	.1
Milwaukee .....	109.0	108.4	-.6	111.8	111.4	-.4	109.3	109.4	.1
Minneapolis—St. Paul .....	108.7	108.2	-.5	111.5	111.1	-.4	109.7	109.4	-.3
N.Y.—Northeastern N.J. ....	104.4	103.5	-.9	108.6	108.3	-.3	106.9	106.4	-.5
Philadelphia .....	106.3	106.0	-.3	110.2	109.5	-.6	108.2	107.9	-.3
Pittsburgh .....	107.8	107.5	-.3	110.4	109.8	-.5	109.5	109.2	-.3
St. Louis .....	108.5	108.7	.2	110.5	110.6	.1	108.8	108.9	.1
San Diego .....	106.9	106.2	-.7	109.0	108.1	-.8	107.1	106.4	-.7
San Francisco—Oakland .....	108.1	107.8	-.3	107.9	107.7	-.2	106.5	106.3	-.2
Seattle .....	111.4	111.7	.3	112.1	112.4	.3	111.5	111.5	0
Washington .....	106.4	106.0	-.4	110.3	109.6	-.6	108.5	108.0	-.5

<sup>1</sup> Area coverage includes the urban portion of the corresponding Standard Metropolitan Statistical Area (SMSA) except for New York and Chicago where the more extensive Standard Consolidated Areas are used. Area definitions are those established for the 1960 Census and do not include revisions made since 1960.

**Table 10. CPI—gasoline average prices, U.S. city average and selected areas**

(Consumer price index for urban wage earners and clerical workers)

Consumer price index for urban wage earners and clerical workers)

Area <sup>1</sup>	Leaded regular gasoline			Unleaded regular gasoline			Premium gasoline		
	Average price per gallon								
	August 1977	September 1977	October 1977	August 1977	September 1977	October 1977	August 1977	September 1977	October 1977
U.S. city average .....	\$0.630	\$0.629	\$0.627	\$0.667	\$0.666	\$0.665	\$0.684	\$0.684	\$0.683
Atlanta .....	.614	.624	.622	.675	.684	.682	.693	.701	.701
Baltimore .....	.629	.626	.619	.666	.667	.660	.689	.689	.688
Boston .....	.624	.622	.621	.673	.674	.674	.684	.684	.684
Buffalo .....	.641	.634	.632	.674	.665	.665	.699	.689	.689
Chicago .....	.650	.645	.643	.696	.693	.690	.701	.696	.693
Cincinnati .....	.617	.617	.617	.653	.653	.654	.670	.669	.670
Cleveland .....	.611	.617	.613	.647	.650	.651	.664	.671	.668
Dallas .....	.597	.595	.591	.628	.628	.628	.642	.642	.641
Detroit .....	.625	.623	.621	.680	.679	.679	.694	.696	.695
Honolulu .....	.721	.722	.721	.738	.740	.740	.764	.766	.765
Houston .....	.582	.580	.575	.614	.612	.609	.633	.632	.629
Kansas City .....	.606	.605	.595	.640	.637	.632	.656	.655	.650
Los Angeles—Long Beach .....	.631	.633	.633	.669	.672	.672	.676	.678	.679
Milwaukee .....	.596	.593	.590	.634	.632	.630	.651	.648	.649
Minneapolis—St. Paul .....	.629	.625	.622	.664	.659	.657	.697	.695	.693
N.Y.—Northeastern N.J. ....	.672	.624	.619	.667	.668	.666	.692	.694	.690
Philadelphia .....	.620	.620	.618	.676	.674	.670	.693	.694	.692
Pittsburgh .....	.623	.626	.624	.663	.664	.661	.683	.684	.682
St. Louis .....	.618	.615	.616	.645	.643	.644	.669	.668	.669
San Diego .....	.641	.645	.640	.682	.685	.679	.693	.696	.691
San Francisco—Oakland .....	.663	.663	.662	.682	.682	.681	.703	.702	.701
Seattle .....	.640	.639	.641	.664	.665	.667	.688	.689	.689
Washington .....	.644	.640	.638	.692	.692	.687	.712	.711	.708

<sup>1</sup> Area coverage includes the urban portion of the corresponding Standard Metropolitan Statistical Area (SMSA) except for New York and Chicago where the more extensive Standard Consolidated Areas are used. Area definitions are those established for the 1960 Census and do not include revisions made since 1960.

**Table 11. CPI—U.S. city average: Indexes for components affected by revision of the auto insurance component, revised<sup>1</sup> and as previously published**

(1967=100 unless otherwise indicated)

Item	January 1977		February 1977		March 1977		April 1977		May 1977	
	Revised	Previously published	Revised	Previously published	Revised	Previously published	Revised	Previously published	Revised	Previously published
Services .....	187.4	187.5	N. C.	188.7	N. C.	190.0	191.2	191.3	192.2	192.3
Services less rent .....	194.3	194.4	N. C.	195.6	197.0	197.1	N. C.	198.4	199.4	199.5
Transportation services .....	182.9	183.2	183.3	183.6	184.8	185.1	186.7	186.9	187.4	187.7
Special indexes:										
Services less medical care services .....	N. C.	184.3	N. C.	185.3	N. C.	186.5	N. C.	187.7	188.6	188.7
Insurance and finance .....	202.8	202.9	204.3	204.5	205.5	205.6	207.8	207.9	208.7	208.8
Transportation .....	172.2	172.3	173.2	173.3	174.7	174.8	176.7	176.8	178.1	178.2
Private transportation .....	171.5	171.6	172.6	172.7	174.0	174.1	176.2	176.3	177.7	177.8
Auto insurance rates .....	201.3	202.1	203.0	203.8	205.2	206.0	209.3	210.1	209.5	210.3
All items less food .....	N. C.	172.9	N. C.	174.0	N. C.	175.1	176.2	176.3	N. C.	177.3
All items less shelter .....	173.0	173.1	N. C.	175.0	N. C.	176.1	N. C.	177.5	N. C.	178.4
All items less medical care .....	174.1	174.2	N. C.	176.0	N. C.	177.0	N. C.	178.4	N. C.	179.4
All items less mortgage interest costs .....	N. C.	173.3	N. C.	175.1	N. C.	176.2	N. C.	177.6	178.5	178.6
All items less food and energy .....	N. C.	170.5	N. C.	171.5	N. C.	172.6	N. C.	173.7	N. C.	174.7
			June 1977		July 1977		August 1977		September 1977	
			Revised	Previously published	Revised	Previously published	Revised	Previously published	Revised	Previously published
Services .....			N. C.	193.7	N. C.	195.3	N. C.	196.3	N. C.	197.7
Services less rent .....			N. C.	201.1	N. C.	202.8	203.8	203.9	205.3	205.4
Transportation services .....			188.7	189.0	189.4	189.6	190.0	190.2	191.0	191.3
Special indexes:										
Services less medical care services .....			N. C.	190.1	N. C.	191.6	192.5	192.6	N. C.	193.9
Insurance and finance .....			210.7	210.8	213.5	213.6	214.5	214.7	216.2	216.4
Transportation .....			179.1	179.2	179.2	179.3	178.8	178.9	178.4	178.5
Private transportation .....			178.6	178.7	178.7	178.8	178.2	178.3	177.8	177.9
Auto insurance rates .....			211.7	212.4	212.7	213.5	213.8	214.6	215.9	216.7
All items less food .....			N. C.	178.4	179.1	179.2	179.8	179.9	N. C.	180.9
All items less shelter .....			179.6	179.7	N. C.	180.2	N. C.	180.8	N. C.	181.2
All items less medical care .....			N. C.	180.6	N. C.	181.4	N. C.	182.0	N. C.	182.6
All items less mortgage interest costs .....			N. C.	179.7	N. C.	180.4	N. C.	181.0	N. C.	181.6
All items less food and energy .....			N. C.	175.7	176.4	176.5	177.1	177.2	N. C.	178.3

<sup>1</sup> In accordance with standard Bureau practice, indexes for automobile insurance, and all higher level components which include automobile insurance, have been re-calculated to take into account the partial refund to consumers in Massachusetts of insurance premiums paid earlier this year. Revised values are the official indexes. N.C.=no change.

# Appendix: Technical Notes

## Brief Explanation of the CPI

The Consumer Price Index (CPI) measures average changes in prices of goods and services usually bought by urban wage earners and clerical workers. It is based on prices of about 400 items which were selected to represent the movement of prices of all goods and services purchased by wage earners and clerical workers. Prices for these items are obtained in urban portions of 39 major statistical areas and 17 smaller cities, which were chosen to represent all urban places in the United States. They are collected from about 18,000 establishments—grocery and department stores, hospitals, filling stations, and other types of stores and service establishments.

Prices of food, fuels, and a few other items are obtained every month in all 56 locations. Prices of most other commodities and services are collected every month in the five largest areas and every 3 months in other areas. Prices of most goods and services are obtained by

personal visits of the Bureau's trained representatives. Mail questionnaires are used to obtain local transit fares, public utility rates, newspaper prices, fuel prices, and certain other items.

In calculating the index, price changes for the various items in each location are averaged together with weights which represent their importance in the spending of all wage earners and clerical workers. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for 23 areas.

The index measures price changes from a designated reference date—1967—which equals 100.0. An increase of 22 percent, for example, is shown as 122.0. This change can also be expressed in dollars as follows: The price of a base period "market basket" of goods and services bought by urban wage earners and clerical workers has risen from \$10 in 1967 to \$12.20.

## A Note About Calculating Index Changes

Movements of the indexes from one month to another are usually expressed as percent changes rather than changes in index points because index point changes are affected by the level of the index in relation to its base period while percent changes are not. The example in the accompanying box illustrates the computation of index point and percent changes.

Seasonally adjusted percent changes in the U.S. All Items Index are based on seasonal adjustment factors and seasonally adjusted indexes carried to two decimal places. This procedure helps to eliminate rounding error in the percent changes.

Percent changes for 3-month and 6-month periods are expressed as annual rates and are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the current rate were maintained for a 12-month

period. BLS does not publish annual rates based on data for 1 month.

<i>Index Point Change</i>	
CPI	123.8
Less previous index	<u>123.2</u>
Equals index point change:	0.6
<i>Percent Change</i>	
Index point difference,	<u>0.6</u>
Divided by the previous index,	123.2
Equals,	0.005
Results multiplied by one hundred	0.005×100
Equals percent change:	0.5

## A Note on Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, the Bureau of Labor Statistics publishes seasonally adjusted as well as unadjusted changes each month.

For analyzing general price trends in the economy, seasonally adjusted changes are usually preferred, since they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year—such as price movements resulting from changing

climatic conditions, production cycles, model changeovers, holidays, and sales.

The unadjusted data are of primary interest to consumers concerned about the prices they actually pay. Unadjusted data are also used extensively for escalation purposes. Many collective bargaining contract agreements and pension plans, for example, tie compensation changes to the Consumer Price Index unadjusted for seasonal variation.

# Reliability of Percent Changes in the CPI

A system of "replicated" samples introduced into the index structure in the 1964 revision permits an estimate of sampling error for the CPI.<sup>1</sup> The table below shows standard errors for monthly, quarterly, and annual *percent*

**Average standard errors of percent changes in the CPI based on 1976 data**

Component	Standard error		
	Monthly change	Quarterly change	Annual change
All items .....	.04	.05	.10
Food at home .....	.10	.11	.22
Food away from home ..	.08	.14	.31
Housing .....	.06	.10	.18
Apparel and upkeep .....	.15	.27	.25
Transportation .....	.07	.12	.20
Medical care .....	.14	.19	.27
Personal care .....	.16	.26	.64
Reading and recreation ..	.09	.16	.33
Other goods and services .....	.11	.12	.18

*changes* in the CPI for all items and for nine commodity groupings based on 1975 averages. The figures may be interpreted as follows: The chances are about 95 out of 100 that the percent change in the CPI as computed differs from the corresponding "complete coverage" change by less than twice the standard error.

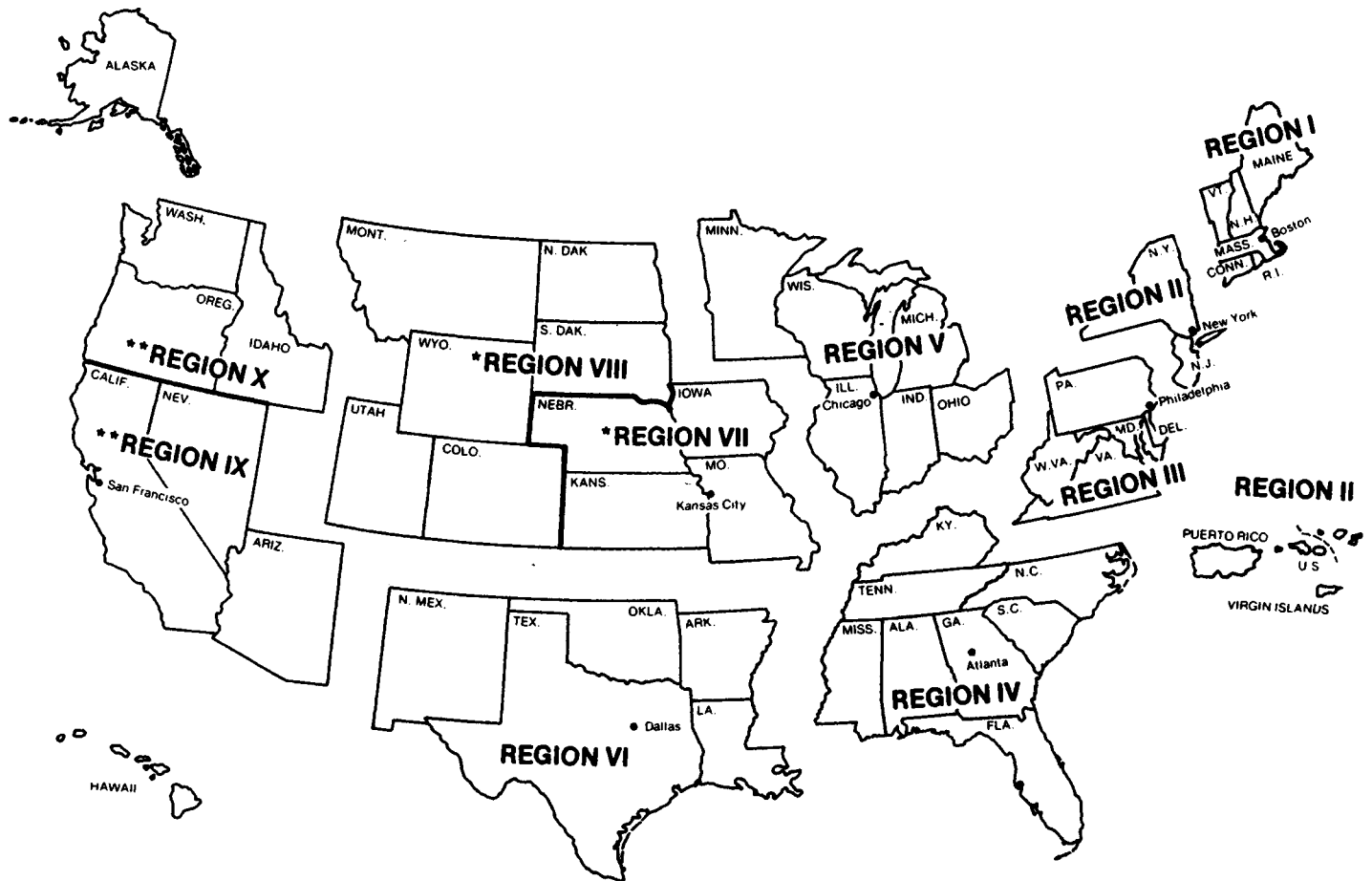
Because the CPI is rounded to one decimal place, some ambiguity may arise in interpreting small index changes. As the table indicates, for example, a month-to-month change of 0.1 percent in the all items CPI is significant. Because of rounding, however, a change of this size in the published index might result from a much smaller change in the unrounded value. Hence, any particular change of 0.1 percent may or may not be significant. On the other hand, a published change of 0.2 percent for a 1-month period is always significant.

This replaces the table of average errors based on 1975 data which was included in the CPI report through December 1976.

<sup>1</sup> The method of deriving these estimates is described in a paper by Marvin Wilkerson, "Measurement of Sampling Error in the Consumer Price Index," *Journal of the American Statistical Association*, September 1967.

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Kansas City, Mo. 64106  
Phone: (816) 374-2481

**Regions IX and X\*\***  
450 Golden Gate Avenue  
Box 36017  
San Francisco, Calif. 94102  
Phone: (415) 556-4678

\*Regions VII and VIII are serviced  
by Kansas City  
\*\*Regions IX and X are serviced  
by San Francisco