

CPI Detailed Report

November 1977



Consumer Price Index
U.S. City Average
and Selected Areas

U.S. Department of Labor
Bureau of Labor Statistics



CPI Detailed Report

For November 1977

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



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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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Note: For an announcement of the publication date for the revised Consumer Price Index, see page 2.

Price Movements

November 1977

The Consumer Price Index (CPI) rose 0.5 percent in November before seasonal adjustment to 185.4 percent of its 1967 base. The November CPI was 6.7 percent higher than in November 1976.

Seasonally adjusted changes

On a seasonally adjusted basis, the CPI rose 0.5 percent in November, following increases of 0.3 percent in each of the 3 preceding months. The November increases for food and other commodities were much larger than in recent months. Food prices rose 0.6 percent in November compared with 0.1 percent in recent months.

Prices of other commodities rose 0.5 percent in November compared with an average monthly increase of 0.2 percent in the June through October period. Charges for services rose 0.4 percent in November, the fourth consecutive month of moderate increase (table A).

The index for food purchased in grocery stores increased 0.7 percent in November after seasonal adjustment, following 4 months of relatively small changes. In November,

beef prices rose 2.7 percent after seasonal adjustment, and fresh fruit prices advanced 6.3 percent—both more than in October. Egg prices turned up after declining for 3 months. Prices for pork, poultry, cereal and bakery products, and processed fruits and vegetables showed small increases in November. On the other hand, fresh vegetable prices declined 0.6 percent after seasonal adjustment in November. Prices for dairy products, fats and oil products, and coffee continued to decline. The index for food away from home—restaurant meals and snacks—increased 0.3 percent in November after seasonal adjustment, about the same as in recent months.

The index for commodities other than food rose 0.5 percent after seasonal adjustment in November. This was much more than in recent months primarily because of changes in the new and used car price indexes. The new car index rose 1.5 percent in November, compared with 0.6 percent in each of the 3 preceding months. Prices of 1978-model cars continued to be phased into the CPI, and prices of imported cars increased. The used car index edged up 0.1 percent in November after seasonal adjustment, after

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:										
November	0.3	0.3	-0.3	-0.3	0.4	0.4	0.5	0.4	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	.8	6.1	5.2
February	1.0	1.0	2.3	2.0	.6	.7	.7	.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	.6	.8	9.9	6.8
May .....	.6	.6	.4	.7	.7	.4	.5	.6	8.4	6.7
June .....	.7	.6	1.0	.8	.4	.2	.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
November .....	.5	.5	.6	.6	.4	.5	.5	.4	4.4	6.7

declining sharply from April through October. Among other nonfood commodities, the November increases of 0.7 percent for alcoholic beverages and 0.5 percent for apparel were larger than in October. The index for gasoline and motor oil rose 0.8 percent after seasonal adjustment in November, but this was less than in October. The fuel oil and coal index declined by 0.8 percent after seasonal adjustment in November, the first decline since early in 1976.

The services index rose 0.4 percent in November after seasonal adjustment, the same as in October. Charges for transportation services and household services other than rent increased 0.2 percent and 0.3 percent, respectively, in November—about the same as in recent months and substantially less than most monthly increases during the first half of the year. Among household services, the index for gas and electricity declined 0.4 percent in November after seasonal adjustment, the first decline since early in 1976. The index for mortgage interest rates declined in November for the fourth consecutive month. The medical care services index rose 0.5 percent in November, the smallest increase this year. The annual adjustment to the health insurance component for retained earnings, which is based on data obtained from the Department of Health, Education, and Welfare and was originally scheduled for inclusion in the October index, was not included in the November index either. The adjustment will be made as soon as the data are available.

Monthly changes in detail (not seasonally adjusted)

The index for food purchased in grocery stores rose 0.7 percent before seasonal adjustment in November. A large

part of this rise was due to higher prices for fresh fruits and vegetables, beef, and bakery products. Prices also rose for other foods such as butter, cheese, frozen orange juice, dried beans, eggs, and chocolate bars. These increases were offset partially by lower prices for pork, poultry, salad and cooking oil, sugar, and coffee. The index for food away from home increased 0.4 percent before seasonal adjustment in November.

The index for commodities other than food rose 0.4 percent before seasonal adjustment in November. Prices rose for most nonfood commodities, led by increases of 1.7 percent in new cars, 1.1 percent for fuel oil, 0.8 percent for apparel, and 0.6 percent for both tobacco products and alcoholic beverages. The used car index, on the other hand, declined 1.7 percent before seasonal adjustment, and gasoline prices declined 0.1 percent.

The index for services rose 0.5 percent before seasonal adjustment in November. The index for transportation services rose 0.4 percent reflecting increases in charges for auto repairs and in local transit, taxicab, and railroad fares; the index for auto insurance showed no change. The index for household services other than rent increased 0.5 percent in November as a result of increases in mortgage interest costs, property taxes, natural gas, and laundry services. Electricity rates, however, declined sharply. The medical care services index increased 0.5 percent; physicians' fees rose 0.6 percent, while dentists' fees and hospital service charges increased 0.4 percent. The rent index rose 0.6 percent, and there were relatively large increases in charges for beauty shop services and for apparel-related services such as drycleaning and laundering men's shirts.

Announcement to users of the Consumer Price Index

The Bureau of Labor Statistics will begin publishing the revised Consumer Price Index (CPI) with the release of the January 1978 index, now scheduled for February 27. At that time the Bureau will publish three Consumer Price Indexes: (1) A new CPI for All Urban Consumers; (2) a revised CPI for Urban Wage Earners and Clerical Workers; and (3) the present unrevised CPI for Urban Wage Earners and Clerical Workers. The present unrevised CPI will be discontinued after the June 1978 index is published. The new CPI and the revised CPI will continue into the future.

The CPI for All Urban Consumers will include, in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage—salaried workers, the self-employed, the retirees, and the unemployed. This index will cover approximately 80 percent of the total noninstitutional civilian population of the United States. The revised CPI for Urban Wage Earners and Clerical Workers represents about one-half of the pop-

ulation covered by the CPI for All Urban Consumers. (Neither index will include persons in the military services or in institutions, or persons living outside urban areas such as farm families.) Parties that use the CPI in escalation or in other contractual agreements may have a choice of adapting their existing contracts to either the new CPI for All Urban Consumers or to the revised CPI for Urban Wage Earners and Clerical Workers.

BLS will publish the present unrevised CPI for 6 months after the introduction of the new series so that those who have difficulty making the transition quickly to the revised CPI or to the new CPI will have some extra time. The unrevised index will not be available after publication of the June 1978 index.

Both the revised CPI and the new CPI will be linked to the present series. For the national index and for the five areas for which indexes are published monthly, this will be accomplished by linking each of the indexes to the unrevised CPI as of December 1977. The December 1977

index will be the same for the revised CPI, the new CPI, and the unrevised CPI. Each index will move upward or downward from that level in accordance with subsequent changes in prices. Indexes for other areas will be linked in accordance with the schedule shown in table B.

The base period for the revised and the new CPI will be 1967=100, the same as for the unrevised index.

Areas indexes. The number of CPI's for local areas will be expanded from the present level of 24 to 28. The four

additional indexes will cover Miami, Florida; Portland Oregon; Scranton, Pennsylvania; and Denver, Colorado. The U.S. index and those for the five largest cities will continue to be published monthly. Indexes for all other areas will be published bi-monthly instead of quarterly as at present. (See table B.)

Regional indexes. Regional CPI's *cross-classified* by population size will be introduced. These indexes will enable users in local areas for which an index is not published to

Table B. Publication schedule for area indexes: New Series CPI

Monthly	Pivot month ¹	First published index
Chicago, Ill.—Northwestern Ind	December 1977	January 1978
Detroit, Mich	"	"
L.A.—Long Beach, Anaheim, Calif	"	"
N.Y., N.Y.—Northeastern N.J.	"	"
Philadelphia, Penn.—N.J.	"	"
January, March, May, July, September, November		
Miami, Fla ²	November 1977	January 1978
Milwaukee, Wis.	"	"
Northeast, Pa. (Scranton)	"	"
San Diego, Calif	"	"
Seattle—Everett, Wash	"	"
Washington, D.C.—Md.—Va	"	"
February, April, June, August, October, December		
Anchorage, Alaska ³	January 1978	March 1978
Boston, Mass	"	"
Denver-Boulder, Colo.	"	"
Portland, Ore.—Wash	"	"
Baltimore, Md	March 1978	May 1978
Cincinnati, Ohio—Ky.—Ind	"	"
St. Louis, Mo.—Ill.	"	"
February, April, June, August, October, December		
Atlanta, Ga	December 1977	February 1978
Honolulu, Hawaii	"	"
Kansas City, Mo.—Kan	"	"
San Francisco—Oakland, Calif	"	"
Buffalo, N.Y	February 1978	April 1978
Cleveland, Ohio	"	"
Dallas—Ft. Worth, Texas	"	"
Houston, Texas	April 1978	June 1978
Minneapolis—St. Paul, Minn. Wis	"	"
Pittsburgh, Penn	"	"

¹ Pivot month: The month in which the indexes for the old series are set at the same level; each index will move upward or downward from the at level in accordance with subsequent changes in prices.

² Miami base period—November 1977; no index in the old series for Miami.

³ Anchorage base period—October 1967=100.

NOTE: Area indexes for the unrevised old series—both for monthly and quarterly areas—will be terminated with publication of the June 1978 index. The change from quarterly to bimonthly publication schedules for local area indexes in the revised CPI may present problems for some users of the CPI. The Bureau is prepared to provide, upon requests, estimates of local area indexes for those months covered under the previous quarterly publication schedule but not under the new bimonthly schedule.

get a better approximation of the CPI for their area by using the appropriate population-size class measure for their region.

The ability to produce this information results from a major expansion in the number of areas in which price data are collected for the CPI—to 85 from 56 areas in the unrevised index. The sample for the unrevised index was based on the 1960 Census of Population. The new 85-area design is a probability sample of urban areas based on the 1970 Census of Population.

The cross-classified indexes, as well as indexes by regions only and population-size only, will be published bi-monthly.

Source of data. Improvements were made in obtaining the updated 1972-73 consumption weights for the CPI through changes in sample design and collection methods.

Substantial improvements were also made in the method of selecting retail stores in which price data are collected for the CPI. The selection of retail stores was based, for the most part, on the results of a household survey—referred to as Point-of-Purchase Survey—in which families across the country were asked for information on the store names and location and the amount they spent in retail stores for many different categories of goods and services. Data provided from this household survey have been used to develop a consistent, objective, and scientifically-based sample of retail stores and service establishments for the CPI.

In addition, a major change in the process of product selection for pricing within stores was introduced. At present, the data collector selects items which conform to detailed specifications prepared by BLS, which are basically the same for every store across the country. Under the new procedure, the selection of each item is keyed to the sales experience of the store in which it is priced. The collector will work from a list of fairly general categories in selecting the item to be priced. The new procedure gives each variety, brand, size, etc., chance of selection proportional to its importance in total sales for the general category in the particular store. Once selected, the same item will continue to be priced. As a result, a considerably larger range of goods and services will be priced, giving a better representation of the varieties that exist in the market place.

Timeliness of data. Food items in the CPI—now priced in the first week of each month—will be priced during the entire month for the new series. This change will put the food component on the same basis as other components of the CPI

The collection of prices of other items will be spread more evenly over the month and prices now obtained on a quarterly cycle will be shifted to a bi-monthly cycle.

Consequently, the CPI will be more representative of the month as a whole, and price changes will be reflected more quickly.

Materials about the revision, including more specific information for parties using the CPI in escalator or other

contractual agreements, are available upon request from the following BLS National and Regional Offices:

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

Region I
1603 JFK Federal Bldg.
Government Center
Boston, Mass. 02203
Phone: (617) 223-6761

Region II
Suite 3400
1515 Broadway
New York, N.Y. 10036
Phone: (212) 399-5405

Region III
3535 Market Street
P.O. Box 13309
Philadelphia, Pa. 19101
Phone: (215) 596-1154

Region IV
1371 Peachtree Street, N.E.
Atlanta, Ga. 30309
Phone: (404) 881-4418

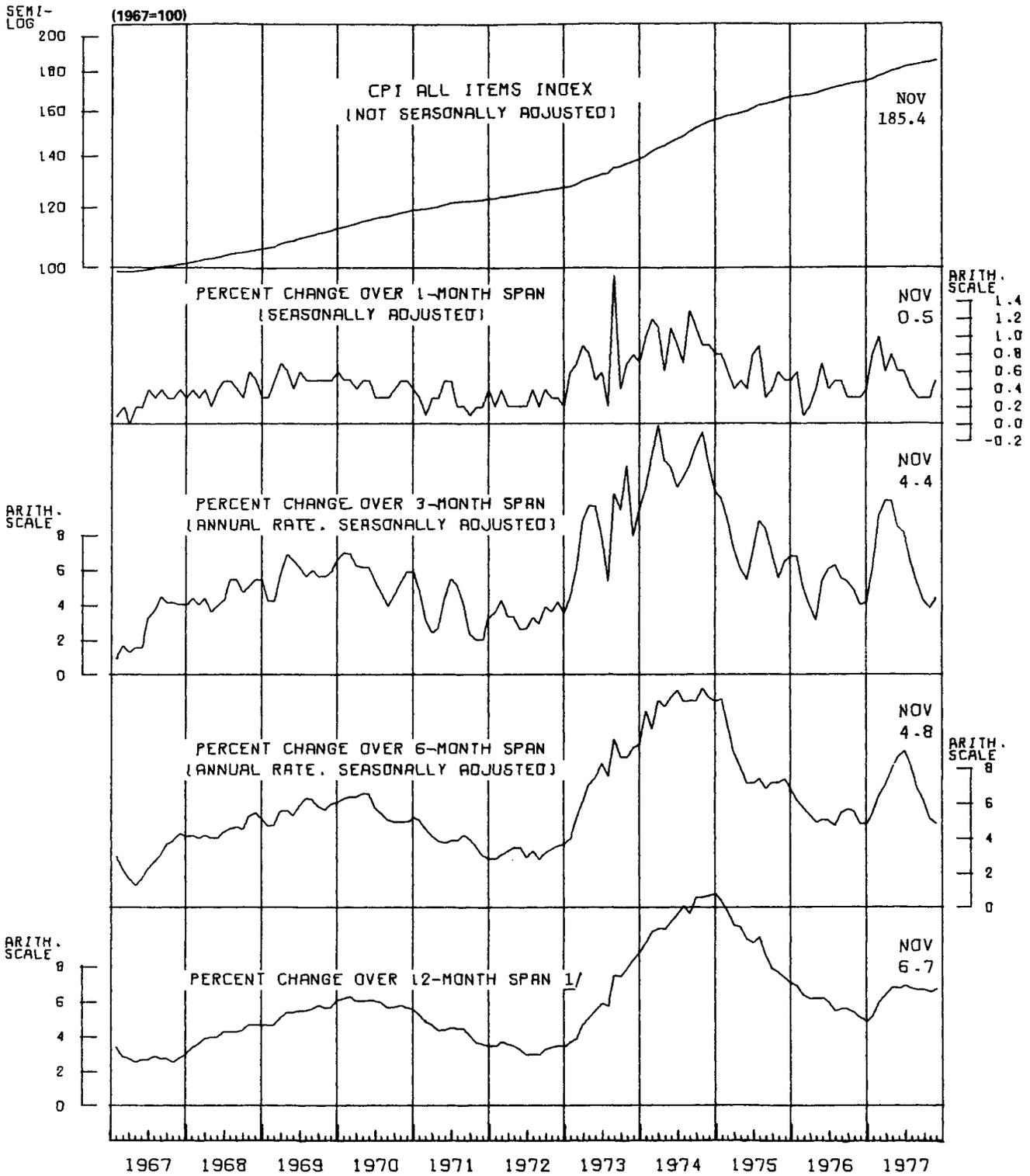
Region V
9th Floor
Federal Office Building
230 S. Dearborn Street
Chicago, Ill. 60604
Phone: (312) 353-1880

Region VI
Second Floor
555 Griffin Square Building
Dallas, Tex. 75202
Phone: (214) 749-3516

Regions VII and VIII
911 Walnut Street
Kansas City, Mo. 64106
Phone: (816) 374-2481

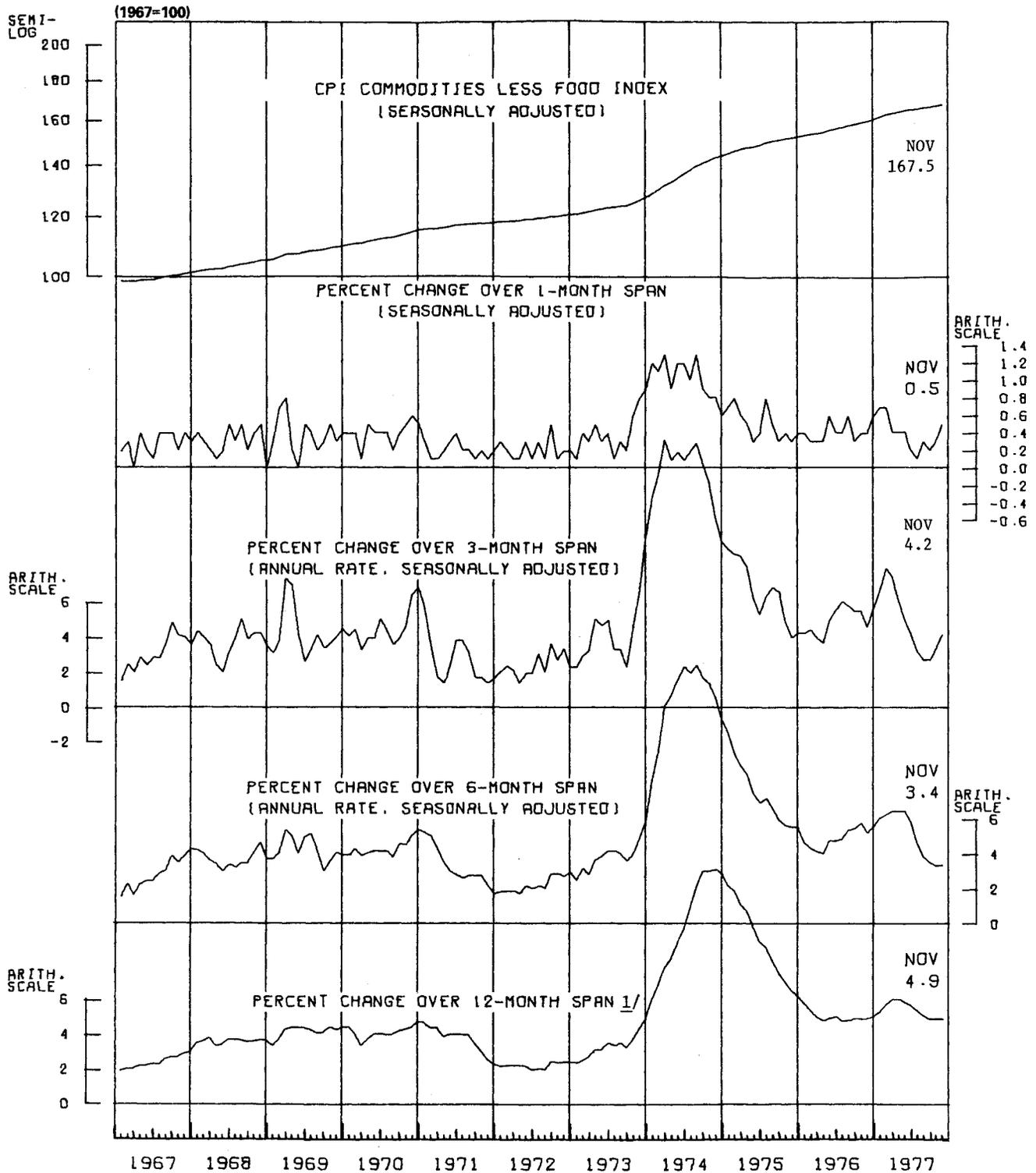
Regions IX and X
450 Golden Gate Avenue
Box 36017
San Francisco, Calif. 94102
Phone: (415) 556-4678

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



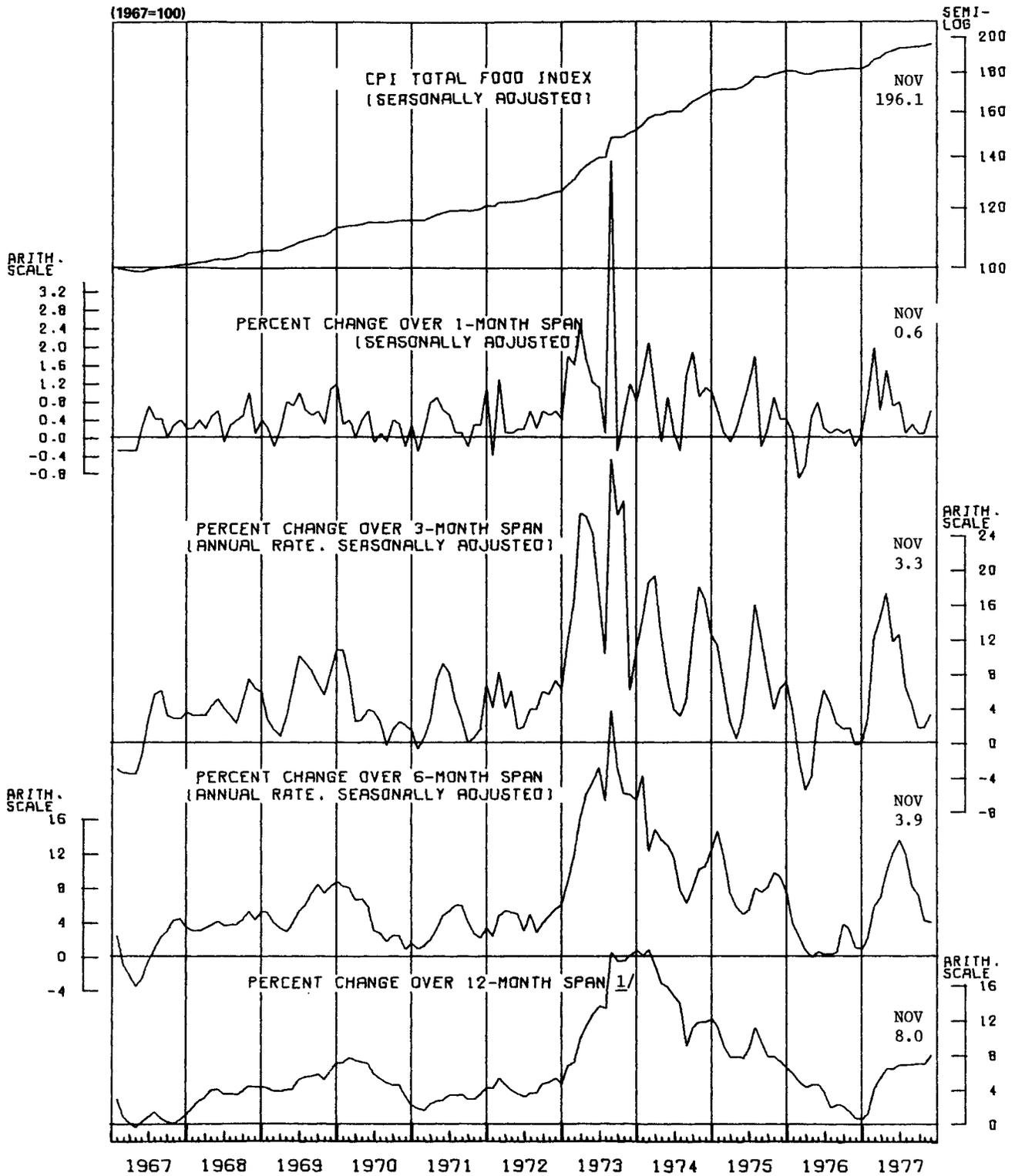
1/ Computed from the unadjusted series.
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Chart 2. Commodities less food index and its rate of change, 1967-77



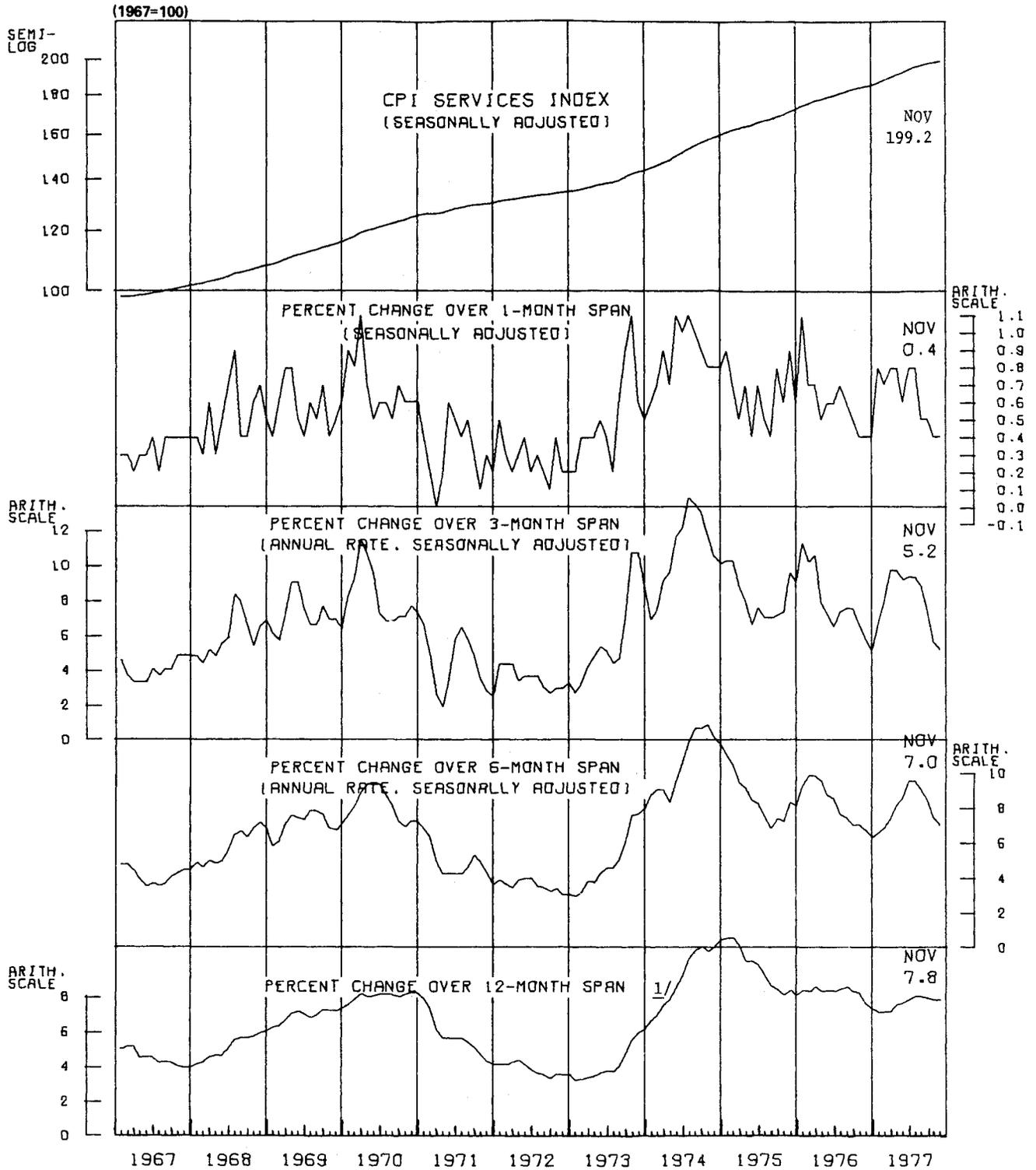
^{1/} Computed from the unadjusted series.
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Chart 3. Total food index and its rate of change, 1967-77



^{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.
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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 November 1977 from—		Seasonally adjusted percent change from—		
		December 1976	October 1977	November 1977	November 1976	October 1977	August to September	September to October	October to November
All items	100.000	184.5	185.4	215.7	6.7	0.5	0.3	0.3	0.5
All items (1957-59=100)	-	214.6	215.7	-	-	-	-	-	-
Commodities	62.468	177.0	177.9	195.6	6.1	.5	.2	.2	.5
Food	23.667	194.4	195.6	215.7	8.0	.6	.1	.1	.6
Food at home	18.456	191.7	193.0	215.7	7.9	.7	.1	.1	.7
Cereals and bakery products	2.537	185.6	187.1	215.7	4.0	.8	.9	-.2	.2
Meats, poultry, and fish	5.700	180.9	181.9	215.7	5.8	.6	.1	.4	1.8
Dairy products	2.841	176.2	176.5	215.7	2.8	.2	-.4	-.6	-.6
Fruits and vegetables	3.019	184.0	188.7	215.7	8.0	2.6	1.5	1.5	1.5
Other foods at home	4.360	230.5	230.1	215.7	16.6	-.2	-.9	-1.0	0
Food away from home	5.210	204.6	205.4	215.7	8.1	.4	.2	.2	.3
Commodities less food	38.801	167.4	168.1	195.6	4.9	.4	.2	.3	.5
Nondurables less food	22.795	169.2	170.1	195.6	5.1	.5	.3	.5	.4
Apparel commodities	7.811	154.6	155.9	195.6	3.9	.8	-.4	.2	.5
Men's and boys'	2.467	156.2	158.0	195.6	4.8	1.2	.3	-.1	.8
Women's and girls'	3.378	150.2	151.4	195.6	2.8	.8	-1.4	.3	.3
Footwear	1.383	159.1	159.9	195.6	4.0	.5	.2	.4	.3
Other apparel commodities	.582	163.7	164.5	195.6	5.2	.5	.7	.6	.3
Nondurables less food and apparel	14.984	177.9	178.6	195.6	5.7	.4	.7	.7	.4
Gasoline and motor oil	3.426	188.5	188.4	195.6	4.5	-.1	.6	1.4	.8
Tobacco products	1.873	171.7	172.8	195.6	6.2	.6	1.9	1.2	.3
Alcoholic beverages	2.217	152.3	153.2	195.6	3.1	.6	.5	.2	.7
Fuel oil and coal	1.060	287.2	289.9	195.6	12.4	.9	.4	0	-.8
Other nondurables	6.408	173.0	173.5	195.6	5.9	.3	.5	.3	.3
Durable commodities	16.006	165.0	165.5	195.6	4.7	.3	.2	0	.6
Household durables	4.444	153.2	153.7	195.6	4.0	.3	.3	.3	.3
New automobiles	1.909	145.7	148.2	195.6	6.1	1.7	.6	.6	1.5
Used automobiles	2.323	178.0	175.0	195.6	-2.2	-1.7	-2.5	-2.1	.1
Other durables	7.329	175.0	176.1	195.6	7.1	.6	.9	.3	*.6
Services	37.532	198.5	199.5	195.6	7.8	.5	.5	.4	.4
Rent	4.525	156.1	157.0	195.6	6.4	.6	.6	.4	.7
Services less rent	33.007	206.2	207.2	195.6	8.0	.5	.5	.4	.3
Household services less rent	16.208	219.2	220.4	195.6	8.8	.5	.4	.3	.3
Transportation services	5.295	191.3	192.0	195.6	6.5	.4	.3	.1	.2
Medical care services	5.958	222.0	223.0	195.6	9.0	.5	.8	.7	.5
Other services	5.547	174.3	175.3	195.6	6.1	.6	.6	.5	.6
Special indexes:									
All items less food	76.333	181.6	182.5	195.6	6.4	.5	.6	.4	*.5
Nondurable commodities	46.462	181.4	182.4	195.6	6.5	.6	.1	.2	*.6
Apparel commodities less footwear	6.428	153.7	155.1	195.6	3.8	.9	-.5	.1	.5
Services less medical care services	31.575	194.7	195.7	195.6	7.6	.5	.7	.4	.5
Insurance and finance	9.864	216.9	218.4	195.6	8.8	.7	.3	-.3	.4
Utilities and public transportation	5.675	191.4	191.7	195.6	8.3	.2	.3	.6	.1
Housekeeping and home maintenance service	4.830	229.7	230.7	195.6	6.8	.4	.6	.5	*.4
Appliances (including radio and TV)	1.395	127.0	127.1	195.6	1.8	.1	.3	0	-.1
Expenditure classes									
All items	100.000	184.5	185.4	215.7	6.7	0.5	0.3	0.3	0.5
Food	23.667	194.4	195.6	215.7	8.0	.6	.1	.1	.6
Housing	34.202	193.6	194.6	215.7	7.7	.5	.7	.5	*.5
Shelter ¹	21.256	195.6	196.9	215.7	8.1	.7	.8	.5	*.7
Rent	4.525	156.1	157.0	215.7	6.4	.6	.6	.4	.7
Homeownership ²	16.328	210.0	211.5	215.7	8.6	.7	.8	.4	*.7
Fuel and utilities ³	5.414	206.8	207.4	215.7	10.2	.3	.5	.7	-.1
Gas and electricity	2.913	219.3	219.5	215.7	11.9	.1	.4	.9	-.4
Household furnishings and operation	7.532	179.5	180.1	215.7	4.9	.3	.1	.3	.3
Apparel and upkeep	9.194	157.2	158.5	215.7	4.3	.8	0	.1	.4
Transportation	13.548	178.6	178.7	215.7	4.3	.1	.1	.1	.2
Private	12.227	177.9	178.0	215.7	4.3	.1	.2	.1	.2
Public	1.321	184.4	184.7	215.7	4.0	.2	-.4	.1	.3
Health and recreation	19.013	177.1	177.9	215.7	6.3	.5	.8	.6	*.5
Medical care	6.734	207.2	208.1	215.7	8.8	.4	.7	.4	*.4
Personal care	2.554	173.9	175.5	215.7	6.5	.9	.4	.6	*.9
Reading and recreation	5.143	160.6	160.9	215.7	4.4	.2	.6	.5	.2
Other goods and services	4.582	161.5	162.4	215.7	4.6	.6	1.2	.6	.4
Special indexes:									
All items less shelter	78.744	181.7	182.5	215.7	6.4	.4	.2	.3	*.4
All items less medical care	93.266	183.1	184.1	215.7	6.6	.5	.3	.3	*.5
All items less mortgage interest costs	95.840	182.1	183.0	215.7	6.6	.5	.3	.3	*.5
CPI—domestically produced farm foods ⁴	15.827	179.2	180.9	215.7	4.5	.9	-.6	-.3	*.9
CPI—selected beef cuts ⁵	1.806	164.5	166.8	215.7	3.9	1.4	.4	1.9	2.7
All items less food and energy ⁶	68.934	179.0	179.9	215.7	6.1	.5	.3	.3	.4
Purchasing power of consumer dollar:									
1967=\$1.00	-	54.2	53.9	100.0	-6.3	-.6	-	-	-
1957-59=\$1.00	-	46.6	46.4	100.0	-	-	-	-	-

¹ Also includes hotel and motel rates not shown separately.
² Includes home purchase, mortgage interest, taxes, insurance, and maintenance and repairs.
³ Also includes residential telephone, fuel oil, coal, water, and sewerage services not shown separately.
⁴ 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.
⁵ Calculated from the CPI beef and veal component by excluding veal cutlets and beef liver.
⁶ Energy includes gasoline, motor oil, fuel oil, coal, gas, and electricity.
* Not seasonally adjusted.

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)

Group and class	Seasonally adjusted indexes				Seasonally adjusted annual rate percent change for					
	August 1977	September 1977	October 1977	November 1977	3 months ending in				6 months ending in	
					February 1977	May 1977	August 1977	November 1977	May 1977	November 1977
Commodity and service groups										
All items	-	-	-	-	9.1	8.4	5.2	4.4	8.7	4.8
Commodities	176.0	176.3	176.7	177.6	9.9	7.4	3.5	3.7	8.7	3.6
Food	194.5	194.7	194.9	196.1	12.4	11.8	4.4	3.3	12.1	3.9
Food at home	192.3	192.4	192.5	193.9	13.6	11.9	3.4	3.4	12.7	3.4
Cereals and bakery products	185.5	187.1	186.7	187.1	-3.5	7.8	8.4	3.5	2.0	5.9
Meats, poultry, and fish	178.2	178.4	179.1	182.3	7.4	8.0	-1.3	9.5	7.7	4.0
Dairy products	178.7	177.9	176.9	175.8	-6.2	10.9	14.4	-6.3	2.0	3.5
Fruits and vegetables	186.1	188.9	191.7	194.5	40.8	-9.8	-10.4	19.3	12.7	3.4
Other foods at home	233.9	231.7	229.4	229.4	29.2	40.0	10.8	-7.5	34.5	1.2
Food away from home	203.2	203.7	204.2	204.8	9.8	11.8	7.6	3.2	10.8	5.4
Commodities less food	165.8	166.2	166.7	167.5	8.0	5.0	2.7	4.2	6.5	3.4
Nondurables less food	167.5	168.0	168.8	169.5	6.1	4.7	4.7	4.9	5.4	4.8
Apparel commodities	153.1	152.5	152.8	153.5	6.1	1.9	6.5	1.0	4.0	3.8
Men's and boys'	154.9	155.3	155.1	156.4	8.3	2.9	4.0	3.9	5.6	3.9
Women's and girls'	148.8	146.7	147.1	147.6	4.8	-3	10.6	-3.2	2.2	3.5
Footwear	157.6	157.9	158.6	159.1	5.6	3.7	3.1	3.9	4.6	3.5
Other apparel commodities	161.6	162.8	163.7	164.2	6.0	4.6	3.8	6.6	5.3	5.2
Nondurables less food and apparel	176.0	177.2	178.4	179.1	6.0	6.2	3.7	7.2	6.1	5.5
Gasoline and motor oil	186.1	187.2	189.8	191.3	1.1	7.6	-1.7	11.7	4.3	4.8
Tobacco products	167.1	170.3	172.4	173.0	7.1	2.2	1.4	14.9	4.6	8.0
Alcoholic beverages	150.9	151.7	152.0	153.0	1.1	4.6	1.1	5.7	2.9	3.3
Fuel oil and coal	289.6	290.9	291.0	288.7	25.5	17.0	9.8	-1.2	21.2	4.1
Other nondurables	171.4	172.2	172.8	173.3	6.8	5.1	7.3	4.5	6.0	5.9
Durable commodities	163.5	163.8	163.8	164.8	10.8	5.3	0	3.2	8.0	1.6
Household durables	152.1	152.5	152.9	153.4	5.5	4.1	2.9	3.5	4.8	3.2
New automobiles	143.2	144.0	144.8	147.0	4.4	4.6	4.3	11.0	4.5	7.6
Used automobiles	178.9	174.5	170.8	170.9	44.3	2.1	-25.6	-16.7	21.4	-21.3
Other durables ¹	172.9	174.4	175.0	176.1	6.7	7.1	6.7	7.6	6.9	7.2
Services	196.7	197.7	198.4	199.2	8.0	9.2	8.8	5.2	8.6	7.0
Rent	154.6	155.5	156.1	157.2	6.4	6.3	6.5	6.9	6.3	6.7
Services less rent	204.2	205.3	206.1	206.8	8.6	9.3	9.1	5.2	9.0	7.1
Household services less rent	217.3	218.1	218.8	219.5	9.4	10.5	11.2	4.1	9.9	7.6
Transportation services	191.0	191.6	191.7	192.0	5.9	10.9	7.4	2.1	8.4	4.7
Medical care services	218.9	220.7	222.2	223.4	9.1	11.1	7.5	8.5	10.1	8.0
Other services	172.3	173.3	174.1	175.1	6.2	5.6	6.0	6.7	5.9	6.3
Special indexes:										
All items less food ¹	179.8	180.9	181.6	182.5	5.7	7.8	5.8	6.1	6.8	6.0
Nondurable commodities ¹	180.8	181.0	181.4	182.4	8.9	7.8	5.7	3.6	8.3	4.7
Apparel commodities less footwear	152.2	151.5	151.6	152.4	6.1	1.6	7.1	5	3.9	3.8
Services less medical care services ¹	192.5	193.9	194.7	195.7	7.7	7.3	8.5	6.8	7.5	7.7
Insurance and finance	216.0	216.6	216.0	216.9	8.1	15.2	11.1	1.7	11.6	6.3
Utilities and public transportation	190.3	190.8	192.0	192.1	9.1	9.6	10.8	3.8	9.3	7.2
Housekeeping and home maintenance service ¹	227.2	228.5	229.7	230.7	5.1	7.3	8.3	6.3	6.2	7.3
Appliances (including radio and TV)	126.3	126.7	126.7	126.6	2.6	2.9	1.3	1.0	2.8	1.1
Expenditure classes										
All items	-	-	-	-	9.1	8.4	5.2	4.4	8.7	4.8
Food	194.5	194.7	194.9	196.1	12.4	11.8	4.4	3.3	12.1	3.9
Housing ¹	191.4	192.7	193.6	194.6	8.2	7.4	8.4	6.9	7.8	7.6
Shelter ^{1,2}	193.2	194.7	195.6	196.9	7.2	8.0	9.4	7.9	7.6	8.6
Rent	154.6	155.5	156.1	157.2	6.4	6.3	6.5	6.9	6.3	6.7
Homeownership ^{1,3}	207.4	209.1	210.0	211.5	7.0	8.8	10.5	8.1	7.8	9.3
Fuel and utilities ⁴	205.9	206.9	208.3	208.0	13.1	11.1	12.8	4.1	12.1	8.4
Gas and electricity	218.7	219.5	221.5	220.6	14.8	12.5	17.4	3.5	13.6	10.2
Household furnishings and operation	178.3	178.5	179.1	179.7	6.9	3.3	6.1	3.2	5.1	4.6
Apparel and upkeep	155.4	155.4	155.6	156.3	5.7	3.2	5.9	2.3	4.5	4.1
Transportation	177.6	177.7	177.9	178.3	9.4	8.0	-1.6	1.6	8.7	0
Private	176.8	177.1	177.2	177.6	10.7	6.6	-1.6	1.8	8.6	.1
Public	184.2	183.4	183.5	184.0	4.1	10.7	2.0	-4	7.4	.8
Health and recreation ¹	174.7	176.1	177.1	177.9	6.1	6.0	5.7	7.5	6.1	6.6
Medical care ¹	204.9	206.3	207.2	208.1	9.7	10.0	9.1	6.4	9.8	7.7
Personal care ¹	172.1	172.8	173.9	175.5	4.7	6.9	6.3	8.1	5.8	7.2
Reading and recreation	158.6	159.5	160.3	160.7	4.5	2.3	5.2	5.4	3.4	5.3
Other goods and services	158.9	160.8	161.7	162.4	4.2	3.4	1.8	9.1	3.8	5.4
Special indexes:										
All items less shelter ¹	180.8	181.2	181.7	182.5	8.2	8.0	5.5	3.8	8.1	4.6
All items less medical care ¹	182.0	182.6	183.1	184.1	7.9	8.0	5.9	4.7	7.9	5.3
All items less mortgage interest costs ¹	181.0	181.6	182.1	183.0	8.2	8.0	5.7	4.5	8.1	5.1
All items less food and energy ⁵	177.3	177.9	178.5	179.2	7.5	6.9	5.6	4.4	7.2	5.0
CPI—domestically produced farm foods ^{1,6}	180.8	179.7	179.2	180.9	13.3	-1.3	6.4	.2	5.7	3.3
CPI—selected beef cuts ⁷	159.4	160.1	163.2	167.6	10.3	-2	-13.1	22.2	4.9	3.1

¹ Not seasonally adjusted.

² Also includes hotel and motel rates not shown separately.

³ Includes home purchase, mortgage interest, taxes, insurance, and maintenance and repairs.

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

⁵ Energy includes gasoline, motor oil, fuel oil, coal, gas, and electricity.

⁶ 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.

⁷ Calculated from the CPI beef and veal component by excluding veal cutlets and beef liver.

⊖=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 November 1977 from—		
	November 1977		November 1976	October 1977	
	Unadjusted	Seasonally adjusted	Unadjusted	Unadjusted	Seasonally adjusted
Food	195.6	196.1	8.0	0.6	0.6
Food away from home	205.4	204.8	8.1	.4	.3
Restaurant meals	202.2	(¹)	7.0	.4	(¹)
Snacks	221.1	220.7	13.1	.3	.4
Food at home	193.0	193.9	7.9	.7	.7
Cereals and bakery products	187.1	187.1	4.0	.8	.2
Flour	135.8	135.5	-9.6	-1.2	-2.5
Cracker meal	234.9	237.0	5.8	.2	.6
Corn flakes	184.0	183.3	11.5	-1.1	-1.2
Rice	186.3	185.4	-2.6	.8	-.3
Bread, white	162.3	161.8	-.1	-.4	-.7
Bread, whole wheat	185.3	183.8	2.8	1.0	.1
Cookies	233.8	236.9	24.5	5.5	6.4
Layer cake	200.9	200.3	7.9	3.3	1.9
Cinnamon rolls	193.7	192.0	-2.5	-1.6	-2.9
Meats, poultry, and fish	181.9	182.3	5.8	.6	1.8
Meats	177.5	176.1	4.6	.7	1.8
Beef and veal	166.0	167.0	4.1	1.4	2.7
Steak, round	165.4	166.1	5.3	1.2	1.4
Steak, sirloin	168.2	169.7	7.8	2.0	4.2
Steak, porterhouse	185.9	186.6	8.0	2.1	4.3
Rump roast	158.6	159.4	3.3	2.0	2.8
Rib roast	197.8	199.2	8.7	1.9	4.1
Chuck roast	167.1	166.6	2.8	2.6	3.4
Hamburger	156.8	157.1	-.5	.4	1.7
Beef liver	123.6	(¹)	1.4	.2	(¹)
Veal cutlets	196.6	196.8	7.8	2.4	2.5
Pork	193.8	188.2	6.3	-.2	.1
Chops	183.3	180.1	8.8	.4	1.9
Loin roast	194.2	190.6	8.1	.1	2.1
Sausage	226.7	221.0	6.2	1.3	2.9
Ham, whole	199.4	196.1	8.8	3.5	2.4
Picnics	174.4	167.7	3.4	.7	-.2
Bacon	194.8	186.8	2.7	-4.1	-1.6
Other meats	180.0	178.0	3.2	.6	.6
Lamb chops	199.5	201.1	8.8	1.6	1.8
Frankfurters	164.4	162.5	2.6	.4	1.4
Ham, canned	199.8	194.9	-.5	.9	-.7
Bologna sausage	176.7	174.4	3.0	-.2	.2
Salami sausage	171.5	169.0	2.8	.5	.6
Liverwurst	166.8	165.8	2.0	.1	.9
Poultry	157.4	155.8	8.9	-.7	.2
Frying chicken	157.7	156.9	9.7	-1.0	.1
Chicken breasts	166.5	166.5	7.0	-1.1	.1
Turkey	147.5	141.1	7.3	1.6	-.6
Fish	262.4	261.9	11.4	.8	.4
Shrimp, frozen	252.3	(¹)	9.1	1.0	(¹)
Fish, fresh or frozen	298.6	(¹)	13.2	1.5	(¹)
Tuna fish, canned	222.7	223.4	15.1	.3	-.7
Sardines, canned	275.7	273.8	9.1	.4	.1
Dairy products	176.5	175.8	2.8	.2	-.6
Milk, fresh, grocery	163.8	163.5	.7	.2	-.7
Milk, fresh, skim	182.6	182.6	1.6	-.1	-.7
Milk, evaporated	223.0	(¹)	6.9	.2	(¹)
Ice cream	170.5	170.8	6.1	-.5	-.5
Cheese, American process	208.3	207.5	3.8	.4	-1.2
Butter	166.9	162.4	6.6	.7	.5
Fruits and vegetables	188.7	194.5	8.0	2.6	1.5
Fresh fruits and vegetables	185.0	195.4	8.4	3.6	2.2
Fresh fruits	186.7	195.7	11.9	2.0	6.3
Apples	164.0	182.6	3.7	1.7	2.6
Bananas	167.8	176.1	12.8	2.6	8.0
Oranges	208.6	197.0	23.9	5.0	6.5
Orange juice, fresh	186.3	(¹)	18.7	1.1	(¹)
Grapefruit	167.3	183.2	5.5	-16.7	5.0
Grapes	249.4	259.8	11.7	3.7	0
Strawberries	(²)	(²)	(²)	(²)	(²)
Watermelon	(²)	(²)	(²)	(²)	(²)
Fresh vegetables	183.9	194.8	5.8	4.9	-.6
Potatoes	179.6	202.3	9.1	2.0	1.2
Onions	159.7	179.0	7.3	-2.7	2.1
Asparagus	(²)	(²)	(²)	(²)	(²)
Cabbage	203.7	215.6	43.3	30.5	26.9
Carrots	182.4	188.6	2.7	5.1	6.4
Celery	193.7	186.1	12.4	6.1	-2.1
Cucumbers	169.1	215.1	23.4	29.7	37.1
Lettuce	179.2	(¹)	-16.2	-7.6	(¹)
Peppers, green	158.2	168.1	.8	14.4	-6.4
Spinach	232.9	236.2	16.6	3.1	4.5
Tomatoes	179.5	188.2	2.6	6.0	-9.1

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 November 1977 from—		
	November 1977		November 1976	October 1977	
	Unadjusted	Seasonally adjusted	Unadjusted	Unadjusted	Seasonally adjusted
Food—Continued					
Food at home—Continued					
Fruits and vegetables—Continued					
Processed fruits and vegetables	194.2	193.6	7.2	1.1	0.2
Fruit cocktail, canned	186.3	184.8	4.5	0	0
Pears, canned	160.0	158.1	2.4	.3	-.3
Pineapple-grapefruit drink, canned	188.5	187.6	7.1	.6	1.2
Orange juice concentrate, frozen	214.1	-	42.0	2.1	-
Lemonade concentrate, frozen	187.9	187.3	2.2	.9	-.6
Beets, canned	205.4	-	8.2	.8	-
Peas, green, canned	158.4	157.0	-1.7	.5	-.2
Tomatoes, canned	198.9	-	10.3	.1	-
Dried beans	250.0	249.3	-1.6	4.7	1.2
Broccoli, frozen	196.6	-	22.1	.5	-
Other food at home	230.1	229.4	16.6	-.2	0
Eggs	157.9	156.2	-11.6	2.2	2.6
Fats and oils	197.2	193.0	12.2	-.3	-1.3
Margarine	214.3	207.5	13.4	.1	-1.0
Salad dressing, Italian	168.8	168.6	8.0	0	-.8
Salad or cooking oil	208.9	203.6	14.3	-.8	-1.7
Sugar and sweets	236.3	235.1	11.3	.7	-.3
Sugar	177.0	171.3	-2.9	-.3	-3.3
Grape jelly	218.2	(¹)	-.2	.4	(¹)
Chocolate bar	300.8	(¹)	31.4	2.2	(¹)
Syrup, chocolate flavored	241.4	240.9	12.2	-.2	-1.7
Nonalcoholic beverages	337.4	(¹)	41.9	-1.7	(¹)
Coffee	464.4	(¹)	60.2	-3.1	(¹)
Coffee, instant	384.2	(¹)	52.1	-.2	(¹)
Tea	199.7	(¹)	28.8	1.8	(¹)
Carbonated drink, cola flavored	208.2	(¹)	6.5	.4	(¹)
Carbonated drink, fruit flavored	207.7	(¹)	3.5	-.1	(¹)
Prepared and partially prepared foods	179.9	179.7	4.4	1.0	.6
Bean soup, canned	207.9	209.2	-.6	.6	0
Chicken soup, canned	153.9	(¹)	8.3	.5	(¹)
Spaghetti, canned	176.9	176.4	6.8	1.1	1.0
Mashed potatoes, instant	162.0	161.5	1.7	.3	.1
Potatoes, french fried, frozen	192.5	190.2	5.4	2.3	1.9
Baby foods	191.0	(¹)	10.7	.5	(¹)
Sweet pickle relish	191.4	191.0	3.0	1.7	.7
Pretzels	163.9	164.9	2.1	.7	1.0

¹ Not available.

² 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 November 1977 from—	
		October 1977	November 1977	November 1976	October 1977
Housing		193.6	194.6	7.7	0.5
Shelter ¹		195.6	196.9	8.1	.7
Rent, residential		156.1	157.0	6.4	.6
Homeownership ²		210.0	211.5	8.6	.7
Mortgage interest rates		140.2	140.2	.7	0
Property taxes		184.2	185.9	9.5	.9
Property insurance premium		157.3	157.9	6.1	.4
Maintenance and repairs		219.6	220.4	7.5	.4
Maintenance and repair commodities ³		182.5	183.1	7.1	.3
Exterior house paint		170.0	171.9	3.3	1.1
Interior house paint		161.5	160.8	4.0	-4.4
Maintenance and repair services		235.7	236.6	7.5	.4
Repainting living and dining rooms		247.3	247.8	6.4	.2
Reshingling house roof		259.8	261.5	9.0	.7
Residing house		223.9	224.8	8.1	.4
Replacing sink		227.3	228.0	5.9	.3
Repairing furnace		230.8	231.3	8.0	.2
Fuel and utilities		206.8	207.4	10.2	.3
Fuel oil and coal		287.2	289.9	12.4	.9
Fuel oil, No. 2		283.6	286.6	12.5	1.1
Gas and electricity		219.3	219.5	11.9	.1
Gas		246.4	250.0	17.3	1.5
Electricity		194.1	191.1	6.0	-1.5
Other utilities:					
Residential telephone services		131.9	132.0	.4	.1
Residential water and sewerage services		218.4	219.9	12.3	.7
Household furnishings and operation ⁴		179.5	180.1	4.9	.3
Housefurnishings		158.4	158.7	3.8	.2
Textiles		158.5	158.5	4.1	0
Sheets, full, flat		154.9	151.9	-3.5	-1.9
Curtains, tailored		145.4	145.7	-.7	.2
Bedspreads		167.9	168.6	9.6	.4
Drapery fabrics		200.0	200.5	10.1	.3
Pillows, bed		136.3	138.4	3.4	1.5
Slipcovers and throws, ready-made		145.2	144.9	4.2	-.2
Furniture and bedding		159.5	160.2	3.8	.4
Bedroom furniture, chest and dresser	Mar. 70	141.7	142.8	4.7	.8
Sofas, upholstered		145.6	145.7	2.2	.1
Cocktail tables	Dec. 71	128.9	129.8	-3.1	.7
Dining room chairs	Mar. 70	148.3	148.4	5.8	.1
Recliners, upholstered	Dec. 71	114.2	114.7	1.3	.4
Sofas, dual purpose		143.4	142.8	2.7	-.4
Bedding, mattress and box springs	June 70	139.3	139.9	2.3	.4
Aluminum folding chairs	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Cribs		166.9	168.0	6.7	.7
Floor coverings		141.5	142.3	3.3	.6
Broadloom carpeting		127.5	128.3	2.4	.6
Vinyl sheet goods		174.4	175.3	5.2	.5
Vinyl floor tile		173.6	174.4	4.2	.5
Appliances (excluding radio and TV)		142.0	142.1	3.2	.1
Washing machines, electric		147.5	147.5	3.0	0
Vacuum cleaners		124.8	125.1	1.1	.2
Refrigerators, refrigerator-freezers, electric		141.5	142.2	3.9	.5
Ranges, free standing, gas or electric		145.2	145.2	3.4	0
Clothes dryers, electric		157.7	157.6	3.6	-.1
Air conditioners, demountable	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Room heaters, electric, portable		135.8	136.1	1.9	.2
Garbage disposal units		141.2	140.6	3.4	-.4
Other housefurnishings:					
Dinnerware, fine china		207.3	207.4	8.1	0
Flatware, stainless steel		186.5	186.8	2.7	.2
Table lamps, with shade		153.8	154.2	4.8	.3
Lawn mowers, power, rotary type		167.8	169.5	(⁶)	1.0
Electric drills, hand-held		130.7	131.0	1.6	.2
Housekeeping supplies:					
Laundry soaps and detergents		188.9	188.6	6.0	-.2
Paper napkins		245.5	248.0	10.4	1.0
Toilet tissue		268.8	270.5	8.8	.6
Housekeeping services:					
Domestic services, general housework		223.8	224.3	4.5	.2
Baby sitter services		229.6	230.5	4.3	.4
Postal charges		225.6	225.6	0	0
Laundry, flatwork, finished service		227.0	229.1	9.5	.9
Licensed day care services, preschool child		177.7	178.4	7.5	.4
Washing machine repairs		212.0	213.5	4.2	.7

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 November 1977 from—	
		October 1977	November 1977	November 1976	October 1977
Apparel and upkeep ⁷		157.2	158.5	4.3	0.8
Apparel commodities		154.6	155.9	3.9	.8
Apparel commodities less footwear		153.7	155.1	3.8	.9
Men's and boys'		156.2	158.0	4.8	1.2
Men's:					
Topcoats and all-weather coats		156.8	158.6	3.0	1.1
Suits, year round weight		140.4	141.7	-2.3	.9
Sport jackets	June 74	96.6	97.2	2.1	.6
Jackets, lightweight		147.8	148.7	4.4	.6
Slacks, heavyweight		120.8	121.3	1.4	.4
Slacks, lightweight		152.4	153.4	1.9	.7
Trousers, work		177.4	179.1	8.5	1.0
Shirts, work		174.1	176.9	9.1	1.6
Shirts, business or dress		146.8	148.9	7.6	1.4
T-shirts		180.8	181.3	12.0	.3
Socks		140.6	140.9	2.5	.2
Handkerchiefs		175.5	176.2	6.5	.4
Boys':					
Coats, heavyweight		128.1	133.5	5.5	4.2
Sport coats, wool or wool blends		131.8	133.8	3.7	1.5
Dungarees		206.5	210.7	7.1	2.0
Undershorts		173.6	173.9	9.9	.2
Women's and girls'		150.2	151.4	2.8	.8
Women's:					
Coats, heavyweight		166.8	168.4	1.5	1.0
Carcoats, heavyweight		170.8	172.1	1.4	.8
Sweaters		157.3	161.0	11.1	2.4
Skirts, winter weight		162.6	171.6	3.9	5.5
Skirts, summer weight		148.7	151.1	4.4	1.6
Blouses		150.5	150.4	1.3	-.1
Dresses, street, year round weight		156.1	158.1	3.0	1.3
Slips		137.0	137.2	5.2	.1
Panties		162.3	163.1	5.8	.5
Girdles		138.8	139.7	2.4	.6
Brassieres		158.0	158.8	3.4	.5
Hose or panty hose, nylon		92.4	93.1	-.1	.8
Anklets or knee-length socks		140.8	143.6	4.0	2.0
Gloves, fabric		127.2	129.0	-.3	1.4
Handbags		171.7	173.6	-.9	1.1
Girls':					
Raincoats		126.2	121.1	14.5	-4.0
Skirts, fall and winter		160.7	160.9	-1.4	.1
Dresses		141.0	139.8	-.3	-.9
Slacks, fall and winter		183.2	185.3	6.3	1.1
Slips		144.7	144.6	3.4	-.1
Handbags		153.5	154.1	5.8	.4
Other apparel commodities		163.7	164.5	5.2	.5
Diapers		215.6	216.4	8.9	.4
Yard goods		174.5	174.9	5.5	.2
Wrist watches, men's and women's		142.8	143.7	1.3	.6
Footwear		159.1	159.9	4.0	.5
Men's:					
Shoes, street		166.8	168.6	4.9	1.1
Shoes, work, high		186.0	187.3	6.3	.7
Women's:					
Shoes, street, pump		149.5	150.9	2.1	.9
Shoes, evening, pump		142.4	142.9	3.6	.4
Shoes, casual		160.1	160.3	3.0	.1
Houseslippers, scuff		155.3	156.0	4.3	.5
Children's:					
Shoes, oxford		161.3	161.3	4.8	0
Sneakers, boys', oxford type		158.1	158.5	5.4	.3
Dress shoes, girls'		167.2	166.6	2.9	-.4
Apparel services:					
Drycleaning		173.3	174.9	6.4	.9
Automatic laundry service		162.6	164.1	11.6	.9
Laundry, men's shirts		180.7	183.0	8.1	1.3
Tailoring charges		177.1	178.1	7.6	.6
Shoe repairs		166.0	167.0	8.0	.6
Transportation		178.6	178.7	4.3	.1
Private ⁸		177.9	178.0	4.3	.1
Automobiles, new		145.7	148.2	6.1	1.7
Automobiles, used		178.0	175.0	-2.2	-1.7
Gasoline, regular, premium, and unleaded		190.0	189.8	4.5	-.1
Motor oil		168.7	169.5	4.8	.5
Tires		138.3	138.6	-.6	.2
Auto repairs (mechanical) and maintenance ⁹		207.6	208.6	7.6	.5
Auto insurance premiums		214.5	214.6	7.8	0
Auto registration fees		142.2	142.2	7.1	0
Parking fees, private and municipal		197.1	198.6	4.5	.8

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 November 1977 from—	
		October 1977	November 1977	November 1976	October 1977
Transportation—Continued					
Public		184.4	184.7	4.0	0.2
Local transit fares		179.1	179.5	2.1	.2
Taxicab fares		194.8	195.3	7.6	.3
Railroad fares, coach		186.1	186.4	10.1	.2
Airplane fares, chiefly coach		184.3	184.3	3.7	0
Bus fares, intercity		232.2	232.2	14.0	0
Health and recreation					
Medical care ¹⁰		177.1	177.9	6.3	.5
Drugs and prescriptions		207.2	208.1	8.8	.4
Over-the-counter items		136.7	137.3	6.8	.4
Multiple vitamin concentrates		151.1	151.6	6.7	.3
Aspirin compounds		109.1	110.4	3.3	1.2
Liquid tonics		151.1	152.9	8.4	1.2
Adhesive bandages, packages		122.1	122.1	.3	0
Cold tablets or capsules		217.0	215.4	12.8	-.7
Cough syrup		137.8	138.4	3.6	.4
Prescriptions		158.0	158.7	6.2	.4
Anti-infectives		124.6	125.3	7.0	.6
Sedative and hypnotics		75.6	75.8	3.0	.3
Ataractics		177.2	178.1	6.3	.5
Antispasmodics		117.7	117.8	1.5	.1
Cough preparations		156.0	158.2	12.8	1.4
Cardiovasculars and antihypertensives		205.2	205.3	10.7	0
Analgesics, internal		126.9	217.3	4.3	.3
Hormones		126.6	126.6	4.8	0
Professional services:		126.0	127.2	13.5	1.0
Physicians' fees:					
General physician, office visits		210.7	211.9	8.7	.6
General physician, house visits		216.8	218.0	8.4	.6
Obstetrical cases		209.0	209.7	7.3	.3
Pediatric care, office visits		212.3	215.1	8.3	1.3
Psychiatrist, office visits		219.0	220.1	10.9	.5
Herniorrhaphy, adult		175.8	176.6	6.1	.5
Tonsillectomy and adenoidectomy		187.7	188.5	7.2	.4
Dentists' fees		206.6	208.2	13.0	.8
Fillings, adult, amalgam, one surface		189.6	190.4	7.8	.4
Extractions, adult		196.1	197.2	8.5	.6
Dentures, full upper		191.6	191.9	8.5	.2
Other professional services:		174.4	174.7	5.4	.2
Examination, prescription, and dispensing of eyeglasses					
Routine laboratory tests		171.4	172.0	6.3	.4
Hospital service charges	Jan. 72	172.9	172.9	5.6	0
Semiprivate rooms		168.5	169.1	9.9	.4
Operating room charges		307.9	308.8	10.6	.3
X-ray, diagnostic series, upper GI		319.8	321.4	11.8	.5
Laboratory tests	Jan. 72	193.5	194.6	8.2	.6
Anti-infectives	Jan. 72	151.7	152.4	6.2	.5
Tranquillizers	Jan. 72	136.1	136.4	8.1	.2
Electrocardiogram	Jan. 72	147.7	148.2	12.8	.3
Intravenous solution	Jan. 72	146.8	147.0	5.7	.1
Physical therapy	Jan. 72	159.8	160.2	8.1	.3
Oxygen, inhalation therapy	Jan. 72	171.6	172.1	11.5	.3
Personal care		145.9	146.6	9.6	.5
Toilet goods		173.9	175.5	6.5	.9
Toothpaste, standard dentifrice		170.5	171.4	5.8	.5
Toilet soap, hard-milled		146.2	146.8	3.7	.4
Hand lotions		211.5	212.6	10.0	.5
Shaving cream		177.7	178.5	6.6	.5
Face powder		139.3	140.1	1.1	.6
Deodorants		174.7	174.1	.5	-.3
Cleansing tissues		129.0	130.2	5.9	.9
Home permanent wave kits		239.4	241.4	8.5	.8
Personal care services		139.2	140.6	7.7	1.0
Men's haircuts		177.5	179.7	7.2	1.2
Beauty shop services		177.3	177.8	5.6	.3
Women's haircuts		177.8	181.3	8.4	2.0
Shampoo and wave sets, plain		214.5	225.6	14.2	5.2
Permanent waves, cold		175.6	176.8	6.3	.7
Reading and recreation ¹¹		145.2	146.0	5.4	.6
Recreational goods		160.6	160.9	4.4	.2
TV sets, portable and console		131.6	131.9	2.5	.2
TV replacement tubes		101.5	101.5	-1.5	0
Radios, portable and table models		177.7	179.2	7.2	.8
Tape recorders, portable		104.2	104.5	-1.0	.3
Phonograph records, stereophonic		94.3	94.4	-1.7	.1
Movie cameras, 8mm		127.0	128.7	3.9	1.3
Film, 35mm, color		96.2	95.6	-.1	-.6
Golf balls		134.3	134.2	4.8	-.1
		104.9	104.6	.7	-.3

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 November 1977 from—	
		October 1977	November 1977	November 1976	October 1977
Health and recreation—Continued					
Reading and recreation—Continued					
Recreational goods—Continued					
Basketballs, rubber or vinyl cover		150.1	150.5	2.7	0.3
Fishing rods, fresh-water spincasting		128.0	128.1	2.5	.1
Bowling balls		134.3	134.6	1.7	.2
Bicycles, boys'		148.4	147.6	.6	-.5
Tricycles		157.5	158.6	3.7	.7
Dog food, canned or boxed		186.5	187.7	5.5	.6
Recreational services		164.1	164.1	3.9	0
Indoor movie admissions		187.9	185.1	3.1	-1.5
Adult		177.9	175.5	1.4	-1.3
Children's		216.3	212.5	7.4	-1.8
Drive-in movie admissions		193.4	194.5	6.3	.6
Bowling fees, evening		158.0	161.2	6.7	2.0
Golf green fees		174.3	(⁵)	(⁵)	(⁵)
TV repair		110.5	111.3	2.1	.7
Film developing		121.7	120.7	-2.5	-.8
Reading and education:					
Newspapers, street sale and delivery		195.4	196.1	5.9	.4
Magazines, single copy and subscription		203.8	203.5	8.2	-.1
Piano lessons, beginner		156.8	157.7	5.6	.6
Other goods and services		161.5	162.4	4.6	.6
Tobacco products		171.7	172.8	6.2	.6
Cigarettes, nonfilter tip, regular size		174.7	175.9	6.6	.7
Cigarettes, filter tip, king size		174.4	175.5	6.2	.6
Cigars, domestic, regular size		136.3	136.7	3.1	.3
Alcoholic beverages		152.3	153.2	3.1	.6
Beer, at home		146.4	147.6	1.5	.8
Whiskey, spirit blended and straight bourbon		118.6	118.8	2.4	.2
Wine, dessert and table		164.7	166.3	4.7	1.0
Beer, away from home		175.8	176.5	4.7	.4
Financial and miscellaneous personal expenses:					
Funeral services, adult		158.2	158.8	4.8	.4
Bank service charges, checking account		134.7	135.7	3.1	.7
Legal services, short form will		216.2	216.1	6.5	0

¹ Also includes hotel and motel rates not shown separately.
² Also includes home purchase costs not shown separately.
³ Also includes pine shelving, furnace filters, packaged dry cement mix, and shrubbery not shown separately.
⁴ Also includes window shades, nails, carpet sweepers, air deodorizers, steel wool scouring pads, envelopes, reupholstering, and moving expenses.
⁵ Priced only in season.
⁶ Not available.
⁷ 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.

⁸ Also includes storage batteries and drivers' license fees not shown separately.
⁹ 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.
¹⁰ Also includes health insurance not shown separately.
¹¹ 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 ¹	Pricing schedule ²	Indexes			Percent change from:				
		1967=100	1957-59=100	Other bases	November 1976	August 1977	October 1977		
November 1977							November 1976	August 1977	October 1977
U.S. city average	M	185.4	215.7		6.7	1.1	0.5		
Chicago	M	179.4	203.8		6.5	1.2	.3		
Detroit	M	184.5	211.9		7.0	1.0	.8		
Los Angeles—Long Beach	M	182.9	215.1		6.3	1.3	.7		
N.Y.—Northeastern N.J.	M	188.5	224.4		5.3	.7	.5		
Philadelphia	M	187.4	218.8		6.7	1.3	.2		
October 1977							October 1976	July 1977	
Boston	1	185.7	222.5		5.5	0.7			
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			
November 1977							November 1976	August 1977	
Buffalo	2	185.1		³ 203.5	6.5	1.3			
Cleveland	2	184.4	208.2		6.6	1.8			
Dallas	2	183.8		³ 198.7	7.0	.8			
Milwaukee	2	181.6	205.0		6.5	1.6			
San Diego	2	186.6		⁴ 196.1	7.3	1.4			
Seattle	2	182.5	214.4		8.7	1.3			
Washington	2	188.1	219.1		7.8	1.4			
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		⁵ 186.9	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			

¹ 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.

² 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.

³ November 1963=100.

⁴ February 1965=100.

⁵ 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 ¹ priced monthly, by expenditure class, percent change from October 1977 to November 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	0.5	0.3	0.8	0.7	0.5	0.2
Food .....	.6	-.2	1.0	.7	.9	.7
Housing .....	.5	.8	.9	1.5	.1	-.2
Apparel and upkeep .....	.8	.8	.4	.5	1.1	.1
Transportation .....	.1	-.2	.1	-.5	.1	0
Health and recreation .....	.5	.3	.8	.2	.5	.2
Medical care .....	.4	.2	.7	.4	.3	.1
Personal care .....	.9	(²)	(²)	(²)	(²)	(²)
Reading and recreation .....	.2	.6	.4	.1	-1.0	.4
Other goods and services .....	.6	-.1	1.5	.1	.7	.1

¹ See footnote 1, table 5.

² Not available.

Table 7. CPI—selected areas¹, by expenditure class

(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
Indexes, November 1977						
All items	185.4	179.4	184.5	182.9	188.5	187.4
Food	195.6	195.2	190.6	190.0	198.5	202.6
Food at home	193.0	193.6	187.3	188.3	199.3	199.0
Cereals and bakery products	187.1	184.5	198.7	186.0	194.8	197.7
Meats, poultry, and fish	181.9	185.8	174.4	180.5	181.0	189.0
Dairy products	176.5	169.9	176.5	162.7	180.1	181.7
Fruits and vegetables	188.7	197.3	171.2	180.6	204.8	194.8
Other food at home	230.1	232.8	224.2	225.7	245.2	236.4
Food away from home	205.4	201.3	205.5	194.7	196.4	218.0
Housing	194.6	177.7	188.3	194.2	194.6	194.7
Shelter	196.9	179.2	192.5	203.2	193.7	204.3
Rent, residential	157.0	145.9	(²)	162.9	(²)	170.2
Homeownership	211.5	194.1	200.1	215.8	208.1	213.1
Fuel and utilities	207.4	181.5	208.6	169.0	222.5	195.6
Fuel oil and coal	289.9	286.0	293.5	-	296.4	281.3
Gas and electricity	219.5	192.1	223.4	198.3	248.6	200.3
Household furnishings and operation	180.1	170.7	161.8	174.9	180.9	176.4
Apparel and upkeep	158.5	145.3	149.2	147.6	154.0	145.8
Men's and boys'	158.0	135.0	154.7	141.4	142.4	150.5
Women's and girls'	151.4	137.9	134.4	142.3	148.7	127.2
Footwear	159.9	152.6	149.9	151.3	158.0	153.9
Transportation	178.7	181.8	177.5	180.2	195.6	185.6
Private	178.0	181.2	177.7	181.8	185.9	186.8
Public	184.7	185.8	174.0	149.1	232.8	178.9
Health and recreation	177.9	179.8	193.0	174.0	183.2	182.3
Medical care	208.1	213.0	245.0	210.5	221.2	226.8
Personal care	175.5	(²)	(²)	(²)	183.7	(²)
Reading and recreation	160.9	161.4	159.5	146.3	166.7	160.5
Other goods and services	162.4	166.4	169.1	162.1	164.2	162.8
Percent changes, August 1977 to November 1977						
All items	1.1	1.2	1.0	1.3	0.7	1.3
Food	.2	.5	.6	1.0	0	1.7
Food at home	-.1	.3	.1	.8	-.3	2.1
Cereals and bakery products	2.4	-.4	2.7	3.0	4.4	4.2
Meats, poultry, and fish	.1	1.0	-.9	1.1	.2	1.3
Dairy products	.8	1.1	.8	1.6	.6	1.7
Fruits and vegetables	-1.8	1.2	-2.1	.3	-3.9	3.0
Other food at home	-.9	-1.6	1.2	-.7	-1.1	1.5
Food away from home	1.2	1.3	2.5	1.4	.7	.4
Housing	1.7	2.0	1.2	1.9	.7	1.0
Shelter	1.9	2.6	1.3	2.3	1.6	.8
Rent, residential	1.7	³ 1.0	(²)	³ 1.6	(²)	³ 1.4
Homeownership	2.0	2.8	1.2	2.1	2.0	.6
Fuel and utilities	1.4	.6	.8	.2	-1.7	.3
Fuel oil and coal	2.0	2.7	2.7	-	1.7	2.6
Gas and electricity	1.0	-.3	1.2	-.1	-4.9	-.9
Household furnishings and operation	1.1	.9	1.1	1.3	.4	1.7
Apparel and upkeep	2.4	1.2	1.2	2.8	1.4	1.3
Men's and boys'	2.4	.1	1.0	2.8	.7	1.6
Women's and girls'	3.0	.4	2.3	3.8	1.2	1.2
Footwear	1.7	2.1	-2.1	1.1	1.9	.9
Transportation	-.1	-.7	-.1	-1.2	.3	.8
Private	-.1	-.9	-.1	-1.3	.4	.9
Public	.7	1.3	.4	.3	.2	.2
Health and recreation	1.8	2.1	1.9	1.6	1.4	1.6
Medical care	1.6	1.6	1.3	1.9	1.1	.4
Personal care	2.0	(²)	(²)	(²)	3.6	(²)
Reading and recreation	1.8	2.3	1.9	.5	1.1	1.9
Other goods and services	2.1	2.1	3.0	2.1	1.3	2.6

See footnotes at end of table.

Table 7. CPI—selected areas¹, by expenditure class—Continued

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

Expenditure class	Buffalo	Cleveland	Dallas	Milwaukee	San Diego	Seattle	Washington
Indexes, November 1977							
All items	185.1	184.4	183.8	181.6	186.6	182.5	188.1
Food	191.7	199.3	195.6	192.1	195.5	191.8	204.1
Food at home	189.1	198.5	189.9	189.2	183.6	190.1	198.2
Cereals and bakery products	185.1	194.7	186.5	187.5	176.0	186.3	198.6
Meats, poultry, and fish	176.5	188.0	177.9	181.6	180.2	186.6	178.9
Dairy products	174.9	190.6	174.8	179.5	164.2	171.7	161.4
Fruits and vegetables	181.3	184.4	187.5	179.6	181.3	174.0	203.5
Other food at home	228.6	233.9	217.1	215.9	210.9	224.7	247.6
Food away from home	206.2	204.0	216.3	203.6	225.6	197.1	219.1
Housing	195.5	182.1	188.1	183.1	207.6	197.3	193.7
Shelter	182.1	178.0	190.1	180.2	231.1	208.3	192.1
Rent, residential	160.1	144.4	145.1	155.4	175.4	159.1	161.7
Homeownership	186.1	183.9	210.2	187.9	254.3	222.9	209.7
Fuel and utilities	265.4	216.2	199.4	208.6	163.7	189.0	216.4
Fuel oil and coal	299.2	-	-	302.8	-	265.8	300.3
Gas and electricity	287.6	233.6	242.8	223.1	184.9	173.8	254.1
Household furnishings and operation	181.2	175.2	176.8	173.4	168.2	176.8	184.7
Apparel and upkeep	180.5	161.5	157.7	174.8	149.2	157.9	155.8
Men's and boys'	231.4	162.3	158.1	172.9	154.2	161.8	155.6
Women's and girls'	163.7	159.9	143.5	179.1	134.7	144.1	136.7
Footwear	162.1	151.2	159.6	170.7	147.9	159.9	159.3
Transportation	173.7	173.2	184.2	175.4	176.6	163.7	177.8
Private	174.4	181.6	184.4	173.6	178.4	165.6	176.6
Public	163.6	118.6	181.8	195.0	143.9	152.8	185.0
Health and recreation	170.4	191.5	178.0	174.8	169.5	169.7	185.1
Medical care	186.1	231.7	201.5	204.6	200.1	197.0	220.5
Personal care	171.5	190.0	182.3	178.8	164.8	181.3	172.5
Reading and recreation	160.6	165.5	160.5	168.1	151.1	157.7	160.0
Other goods and services	162.9	174.1	158.0	154.2	156.1	152.3	184.7
Percent changes, August 1977 to November 1977							
All items	1.3	1.8	0.8	1.6	1.4	1.3	1.4
Food	.4	3.6	.6	-.3	1.1	-.3	.9
Food at home	.1	4.2	-.5	-.4	1.4	-.7	.8
Cereals and bakery products	2.0	7.1	3.0	4.3	1.7	4.3	4.6
Meats, poultry, and fish	-.1	4.2	1.2	-.9	3.3	1.1	-1.7
Dairy products	.3	5.2	2.1	-.4	1.1	.4	1.8
Fruits and vegetables	-1.5	1.0	1.1	-4.2	1.2	-3.4	1.1
Other food at home	.4	4.4	-2.3	0	-.8	-3.7	1.6
Food away from home	1.7	.5	.8	.4	.5	1.2	1.2
Housing	1.6	.9	1.3	3.2	2.1	2.0	1.8
Shelter	1.3	.6	1.6	4.6	2.3	2.2	2.4
Rent, residential	1.5	2.7	2.3	.8	2.0	2.9	1.4
Homeownership	1.3	.3	1.4	5.7	2.5	2.1	2.8
Fuel and utilities	3.0	-.3	.9	1.7	.8	1.7	-.2
Fuel oil and coal	1.9	-	-	1.1	-	2.9	1.6
Gas and electricity	3.9	-.4	-.9	2.3	0	1.9	-.8
Household furnishings and operation	1.1	2.9	.9	.5	1.8	1.7	1.5
Apparel and upkeep	2.2	1.8	1.0	4.0	1.2	2.3	1.7
Men's and boys'	7.5	.8	2.1	6.3	-.4	3.6	2.0
Women's and girls'	-1.1	2.6	-.8	4.4	1.6	1.4	1.0
Footwear	.4	2.2	1.9	1.3	1.3	2.1	1.7
Transportation	.8	1.3	-.6	.3	.5	-.8	.2
Private	.8	1.1	-1.2	.3	.5	-1.0	.2
Public	.2	3.0	7.3	-.9	.3	.3	.1
Health and recreation	2.0	1.9	1.0	1.0	1.1	1.9	1.8
Medical care	1.4	1.6	2.1	1.5	1.3	1.7	.7
Personal care	1.3	1.1	1.4	1.9	.4	2.8	2.7
Reading and recreation	2.6	2.9	-.9	1.9	.6	2.3	1.5
Other goods and services	3.0	1.8	.9	-1.0	2.0	1.5	3.8

¹ See footnote 1, table 5.

² Not available.

³ Change from September 1977.

Table 8. CPI—food groups, selected areas

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

Area ¹	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, November 1977								
U.S. city average	195.6	193.0	187.1	181.9	176.5	188.7	230.1	205.4
Atlanta	200.6	199.1	192.3	179.4	196.8	207.0	226.5	205.1
Baltimore	200.1	197.7	182.9	188.3	176.1	196.4	238.2	209.7
Boston	194.2	190.9	191.0	183.0	169.2	183.5	229.9	206.1
Buffalo	191.7	189.1	185.1	176.5	174.9	181.3	228.6	206.2
Chicago	195.2	193.6	184.5	185.8	169.9	197.3	232.8	201.3
Cincinnati	201.8	203.6	195.2	186.6	180.1	205.7	251.8	195.2
Cleveland	199.3	198.5	194.7	188.0	190.6	184.4	233.9	204.0
Dallas	195.6	189.9	186.5	177.9	174.8	187.5	217.1	216.3
Detroit	190.6	187.3	198.7	174.4	176.5	171.2	224.2	205.5
Honolulu	195.9	191.7	174.5	190.0	190.6	190.3	212.3	207.7
Houston	202.3	194.6	189.1	190.3	185.0	194.7	210.1	229.2
Kansas City	196.5	191.9	184.5	178.8	187.4	181.5	224.7	211.3
Los Angeles—Long Beach	190.0	188.3	186.0	180.5	162.7	180.6	225.7	194.7
Milwaukee	192.1	189.2	187.5	181.6	179.5	179.6	215.9	203.6
Minneapolis—St. Paul	200.6	193.6	199.0	184.2	185.9	186.9	212.9	231.9
N.Y.—Northeastern N.J.	198.5	199.3	194.8	181.0	180.1	204.8	245.2	196.4
Philadelphia	202.6	199.0	197.7	189.0	181.7	194.8	236.4	218.0
Pittsburgh	198.7	195.2	194.0	188.3	173.4	187.4	229.7	219.4
St. Louis	195.1	193.8	200.8	175.6	183.0	190.0	228.9	200.9
San Diego	195.5	183.6	176.0	180.2	164.2	181.3	210.9	225.6
San Francisco—Oakland	191.6	193.1	181.8	187.8	169.3	181.0	237.9	186.2
Seattle	191.8	190.1	186.3	186.6	171.7	174.0	224.7	197.1
Washington	204.1	198.2	198.6	178.9	161.4	203.5	247.6	219.1
Percent changes, October 1977 to November 1977								
U.S. city average	0.6	0.7	0.8	0.6	0.2	2.6	-0.2	0.4
Atlanta	0	0	.7	-1.3	.2	1.1	.4	0
Baltimore .....	.6	.8	2.3	-.1	.9	1.2	.6	.2
Boston .....	.4	.5	-.2	.7	.1	2.1	-.1	0
Buffalo .....	.4	.2	.2	-.7	-.3	2.3	.2	1.4
Chicago	-.2	-.3	-1.9	.3	-.1	.9	-1.1	.1
Cincinnati	-.1	-.1	-.1	-.4	.2	1.3	-.9	0
Cleveland	1.0	1.2	-2.1	1.7	.3	3.7	1.3	.2
Dallas	1.3	1.6	1.1	1.7	.8	4.5	.2	.6
Detroit	1.0	1.2	1.4	.3	.2	4.9	.4	.4
Honolulu	0	.1	.6	.2	.1	.1	-.5	-.1
Houston	1.2	1.3	6.0	.9	.9	1.2	-.2	.7
Kansas City .....	.2	.2	1.3	-.3	.9	.9	-.8	.2
Los Angeles—Long Beach .....	.7	.8	.8	.6	.4	3.1	-.1	.4
Milwaukee .....	.8	.9	1.3	2.5	-.1	-.3	0	(²)
Minneapolis—St. Paul	0	0	2.1	.4	-3.2	2.9	-1.1	.2
N.Y.—Northeastern N.J. ....	.9	1.0	2.9	.8	0	2.1	.1	.6
Philadelphia .....	.7	1.0	.3	1.3	.6	2.7	.1	0
Pittsburgh .....	.9	1.0	-1.1	1.7	1.0	1.1	1.4	.2
St. Louis .....	.3	.2	3.1	-.1	-.2	1.9	-1.9	.3
San Diego .....	.9	1.2	1.0	1.9	.5	3.6	-.7	(²)
San Francisco—Oakland .....	.7	.9	-1.0	1.9	.1	3.7	-.5	-.1
Seattle .....	.5	.6	1.5	1.2	-.2	2.6	-.9	.1
Washington .....	.8	1.1	.9	.5	.4	4.1	.3	.2

¹ See footnote 1, table 5.

² 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 ¹	Leaded regular gasoline			Unleaded regular gasoline			Premium gasoline		
	Index		Percent change to November 1977 from—	Index		Percent change to November 1977 from—	Index		Percent change to November 1977 from—
	October 1977	November 1977	October 1977	October 1977	November 1977	October 1977	October 1977	November 1977	October 1977
U.S. city average	107.3	107.2	-0.1	109.9	109.8	-0.1	108.5	108.4	-0.1
Atlanta	107.9	107.8	-.1	113.5	113.3	-.2	111.9	111.8	-.1
Baltimore	103.6	103.6	0	107.6	107.5	-.1	106.8	106.8	0
Boston	106.1	106.0	-.1	112.1	112.0	-.1	108.8	108.8	0
Buffalo	106.5	106.9	.4	107.8	108.5	.6	107.5	106.7	-.7
Chicago	107.2	107.2	0	109.3	109.4	.1	108.0	108.0	0
Cincinnati	107.3	106.7	-.6	110.4	109.9	-.5	107.7	107.3	-.4
Cleveland	104.8	103.7	-1.0	109.5	108.3	-1.1	106.4	105.7	-.7
Dallas	110.0	110.1	.1	113.0	113.1	.1	110.8	110.9	.1
Detroit	107.1	106.3	-.7	112.4	111.9	-.4	110.0	109.8	-.2
Honolulu	105.3	105.2	-.1	106.3	106.3	0	105.3	105.3	0
Houston	109.2	109.0	-.2	111.5	111.5	0	109.1	109.2	.1
Kansas City	107.4	107.8	.4	111.0	111.2	.2	108.5	108.7	.2
Los Angeles—Long Beach	108.4	107.5	-.8	110.0	110.0	0	108.3	108.2	-.1
Milwaukee	108.4	108.4	0	111.4	111.3	-.1	109.4	109.3	-.1
Minneapolis—St. Paul	108.2	107.3	-.8	111.1	111.0	-.1	109.4	109.2	-.2
N.Y.—Northeastern N.J.	103.5	103.4	-.1	108.3	108.2	-.1	106.4	106.6	.2
Philadelphia	106.0	106.0	0	109.5	109.6	.1	107.9	107.8	-.1
Pittsburgh	107.5	107.4	-.1	109.8	109.8	0	109.2	109.2	0
St. Louis	108.7	108.4	-.3	110.6	110.5	-.1	108.9	108.9	0
San Diego	106.2	106.1	-.1	108.1	108.2	.1	106.4	106.6	.2
San Francisco—Oakland	107.8	107.0	-.7	107.7	106.5	-1.1	106.3	105.8	-.5
Seattle	111.7	111.5	-.2	112.4	112.2	-.2	111.5	111.1	-.4
Washington	106.0	105.9	-.1	109.6	109.2	-.4	108.0	107.6	-.4

¹ 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)

Area ¹	Leaded regular gasoline			Unleaded regular gasoline			Premium gasoline		
	Average price per gallon								
	September 1977	October 1977	November 1977	September 1977	October 1977	November 1977	September 1977	October 1977	November 1977
U.S. city average	\$0.629	\$0.627	\$0.626	\$0.666	\$0.665	\$0.664	\$0.684	\$0.683	\$0.682
Atlanta .....	.624	.622	.622	.684	.682	.681	.701	.701	.701
Baltimore .....	.626	.619	.619	.667	.660	.660	.689	.688	.688
Boston .....	.622	.621	.621	.674	.674	.673	.684	.684	.684
Buffalo .....	.634	.632	.635	.665	.665	.669	.689	.689	.684
Chicago .....	.645	.643	.643	.693	.690	.691	.696	.693	.693
Cincinnati .....	.617	.617	.614	.653	.654	.651	.669	.670	.668
Cleveland .....	.617	.613	.607	.650	.651	.644	.671	.668	.664
Dallas .....	.595	.591	.592	.628	.628	.628	.642	.641	.642
Detroit .....	.623	.621	.616	.679	.679	.676	.696	.695	.694
Honolulu .....	.722	.721	.721	.740	.740	.740	.766	.765	.765
Houston .....	.580	.575	.574	.612	.609	.609	.632	.629	.629
Kansas City .....	.605	.595	.597	.637	.632	.634	.655	.650	.651
Los Angeles—Long Beach .....	.633	.633	.627	.672	.672	.672	.678	.679	.678
Milwaukee .....	.593	.590	.590	.632	.630	.630	.648	.649	.648
Minneapolis—St. Paul .....	.625	.622	.617	.659	.657	.656	.695	.693	.691
N.Y.—Northeastern N.J. ....	.624	.619	.618	.668	.666	.665	.694	.690	.692
Philadelphia .....	.620	.618	.618	.674	.670	.671	.694	.692	.691
Pittsburgh .....	.626	.624	.624	.664	.661	.661	.684	.682	.682
St. Louis .....	.615	.616	.615	.643	.664	.643	.668	.669	.669
San Diego .....	.645	.640	.640	.685	.679	.680	.696	.691	.693
San Francisco—Oakland .....	.663	.662	.657	.682	.681	.673	.702	.701	.697
Seattle .....	.639	.641	.640	.665	.667	.666	.689	.689	.687
Washington .....	.640	.638	.637	.692	.687	.685	.711	.708	.705

¹ 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.

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 x 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.¹ The table below shows standard errors for monthly, quarterly, and annual *percent*

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.

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

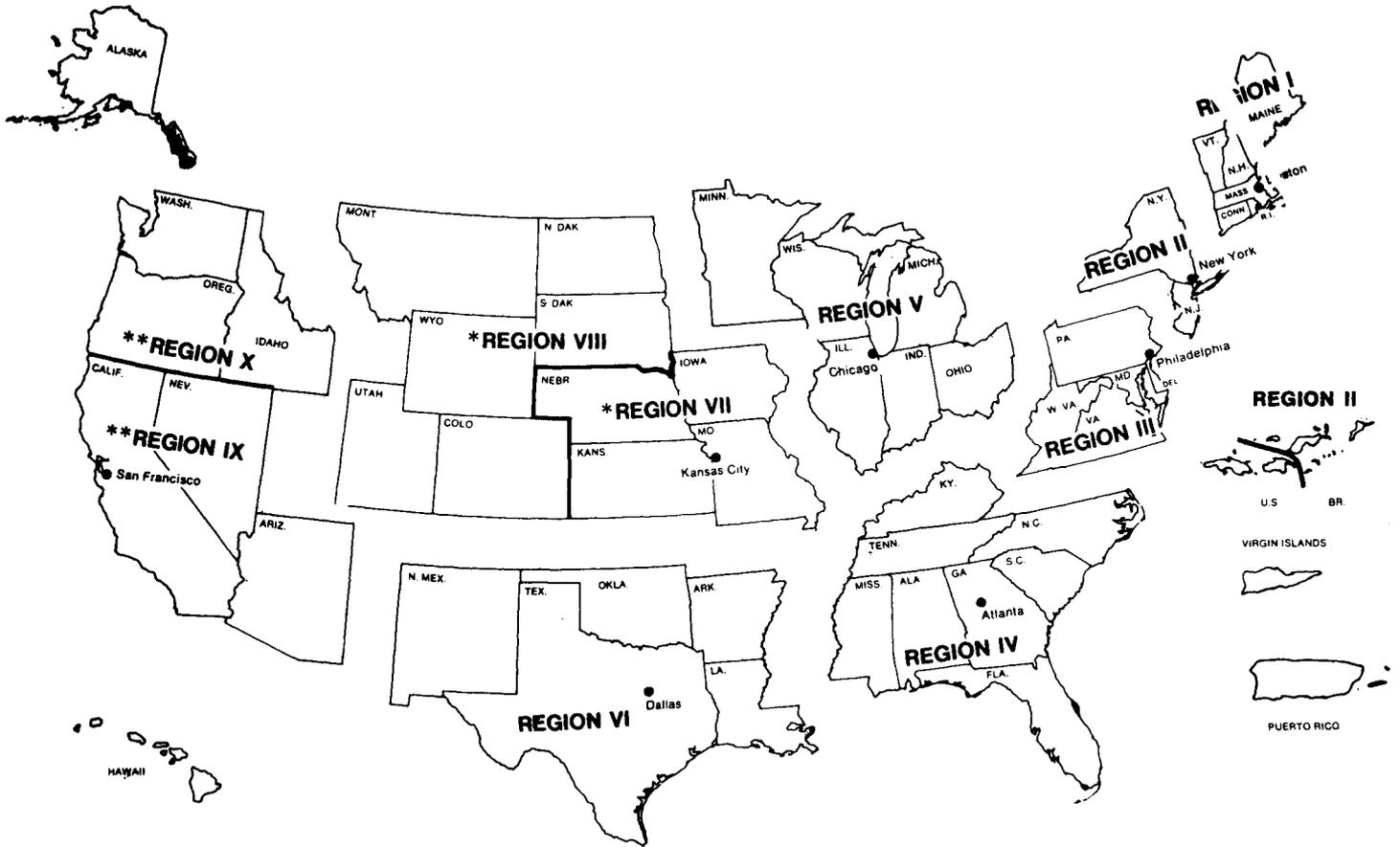
Because the CPI is rounded to one decimal place, some ambiguity may arise in interpreting small index changes. As the table indicates, for example, a month-to-month change of 0.1 percent in the all items CPI is significant. Because of rounding, however, a change of this size in the published index might 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.

¹ 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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