

# Consumer price indices in February 2018

**15.03.2018**

**99,8**

 compared with the previous  
month (January 2018)

**In February 2018, compared with the previous month, consumer prices decreased by 0,2% (of which goods – by 0,3% with the prices of services remaining at the same level). Compared with the corresponding month of the previous year, consumer prices increased by 1,4% (of which services – by 2,3% and goods – by 1,0%).**

**Table 1. Consumer price indices in January and February 2018**

SPECIFICATION	I 2018*		II 2018			I-II 2018
	I 2017= =100	XII 2017= =100	II 2017= =100	XII 2017= =100	I 2018= =100	I-II 2017= =100
<b>TOTAL</b>	<b>101,9</b>	<b>100,3</b>	<b>101,4</b>	<b>100,1</b>	<b>99,8</b>	<b>101,6</b>
Food and non-alcoholic beverages	104,8	101,2	103,4	100,8	99,6	104,1
Alcoholic beverages and tobacco	101,2	100,5	101,0	100,7	100,2	101,1
Clothing and footwear	95,5	96,1	95,8	94,7	98,5	95,6
Housing, water, electricity, gas and other fuels	102,1	100,3	102,1	100,4	100,1	102,1
Furnishings, household equipment and routine household maintenance	100,3	100,5	100,5	100,7	100,2	100,4
Health	101,8	100,4	101,9	100,7	100,3	101,8
Transport	98,8	99,4	98,0	98,8	99,4	98,4
Communication	102,0	100,2	100,6	98,8	98,6	101,3
Recreation and culture	102,5	100,9	101,5	100,9	100,0	102,0
Education	102,1	100,3	102,1	100,3	100,1	102,1
Restaurants and hotels	103,0	100,4	103,0	100,5	100,2	103,0
Miscellaneous goods and services	99,9	99,8	100,1	100,2	100,4	100,0

Compared with the previous month, in February 2018 less was paid mainly for Clothing and footwear (by 1,5%) and for Communication (by 1,4%)

\* Data compiled after introducing the annually updated weighting system which is based on the structure of households' expenditure (excluding own consumption) from the year preceding the surveyed year.

## Annual update of the weighting system

Statistics Poland, similarly to previous years, in February of the current year carried out an update of the weighting system used in the compilations of consumer price index. The weighting system is based on the structure of households' expenditures on purchasing consumer goods and services from the year preceding the surveyed year, obtained from the household budget survey. In the light of these surveys, there have been differences in the consumption expenditures of households in 2017 for particular groups being significant in the consumption structure.

There was an increase in the share of expenditures, among others, for Restaurants and hotels, Health, Transport, Furnishings, household equipment and routine household maintenance and Food and non-alcoholic beverages. There was a decrease in the share of expenditures, among others, for Communication and Clothing and footwear. Therefore, a different impact of price changes in particular groups on the total consumer price index have been observed, than recorded for the compilations of preliminary data for January of the current year. In January of the current year, compared with January of the previous year, consumer prices increased by 1,9% and were at comparable level to the preliminarily estimated increase. According to final data, consumer price index for January of the current year, compared with the previous month, did not change against the preliminarily estimated (price increase of 0,3%).

In January 2018, compared with January 2017, consumer prices increased by 1,9% and were at a comparable level to the preliminarily estimated increase

**Table 2. Weighting system used in the compilations of consumer price indices in the years 2014-2018**

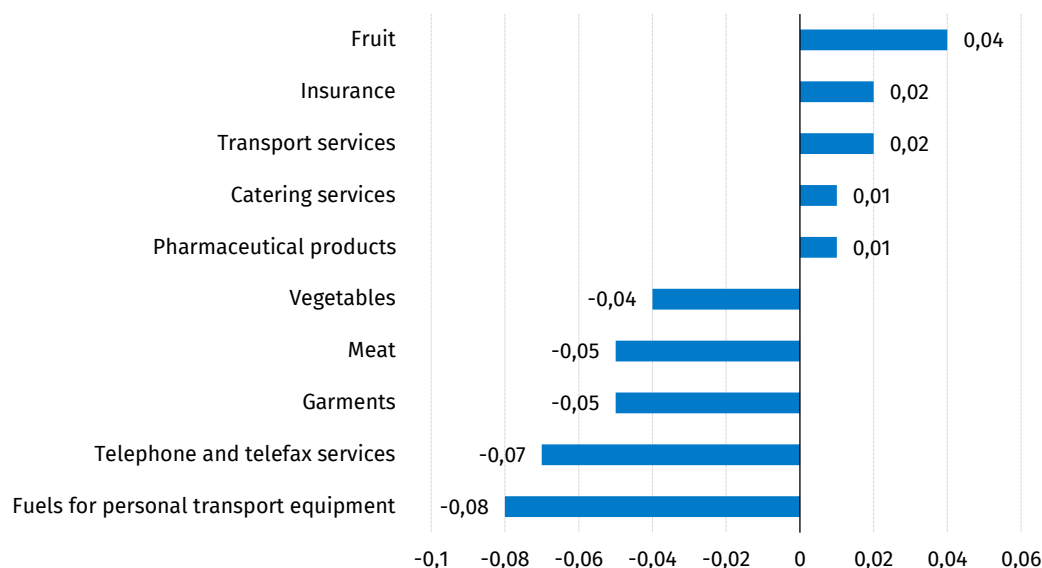
SPECIFICATION	2014	2015	2016	2017	2018
Food and non-alcoholic beverages	24,64	24,36	24,04	24,28	24,36
Alcoholic beverages and tobacco	6,56	6,53	6,56	6,38	6,19
Clothing and footwear	5,02	5,35	5,47	5,68	5,37
Housing, water, electricity, gas and other fuels	21,70	21,06	21,04	20,53	20,35
Furnishings, household equipment and routine household maintenance	4,59	4,85	4,99	5,14	5,25
Health	5,22	5,20	5,45	5,56	5,69
Transport	9,24	9,02	8,72	8,63	8,74
Communication	5,41	5,28	5,27	5,20	4,87
Recreation and culture	6,36	6,42	6,63	6,89	6,92
Education	1,17	1,04	1,01	0,97	1,00
Restaurants and hotels	4,56	5,24	5,04	5,23	5,71
Miscellaneous goods and services	5,53	5,65	5,78	5,51	5,55

Compared with the previous year, in the compilations of consumer price index in 2018, the highest increase of the share of expenditures was observed for Restaurants and hotels (by 0,48 pp)

### Impacts of price changes on the total consumer price index

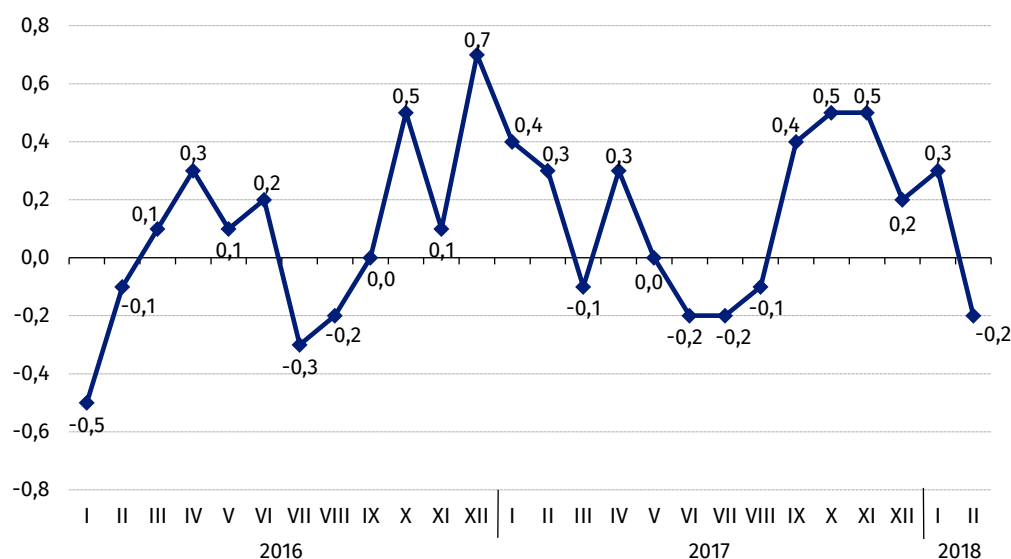
In February of the current year, compared with the previous month, the greatest impact on the total consumer price index had lower prices of Food (by 0,4%), Clothing and footwear (by 1,5%) and related to Communication (by 1,4%), which lowered the index by 0,10 pp, 0,08 pp and 0,07 pp, respectively. Higher prices related to Dwelling (by 0,1%) increased the index by 0,03 pp. Compared with the corresponding month of the previous year, higher prices of Food (by 3,6%) and related to Dwelling (by 1,8%) increased the index by 0,79 pp and 0,46 pp, respectively. Lower prices of Clothing and footwear (by 4,2%) and related to Transport (by 2,0%) lowered the index by 0,22 pp and 0,18 pp, respectively.

**Chart 1. Impact of price changes of selected groups of consumer goods and services in February 2018 (change in pp compared with the previous period)**



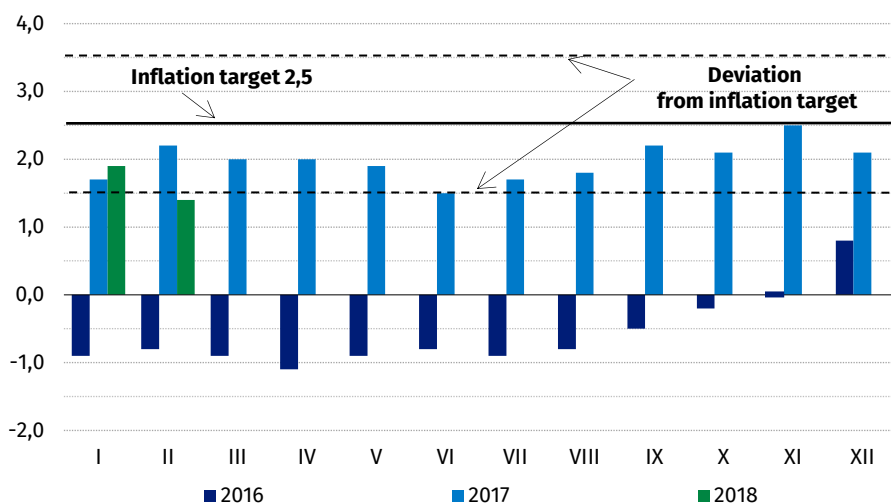
In February 2018, the greatest impact on the total consumer price index had the lower prices of Fuels for personal transport equipment and Telephone and telefax services, which lowered the index by 0,08 pp and 0,07 pp, respectively

**Chart 2. Consumer prices (change in % compared with the previous period)**



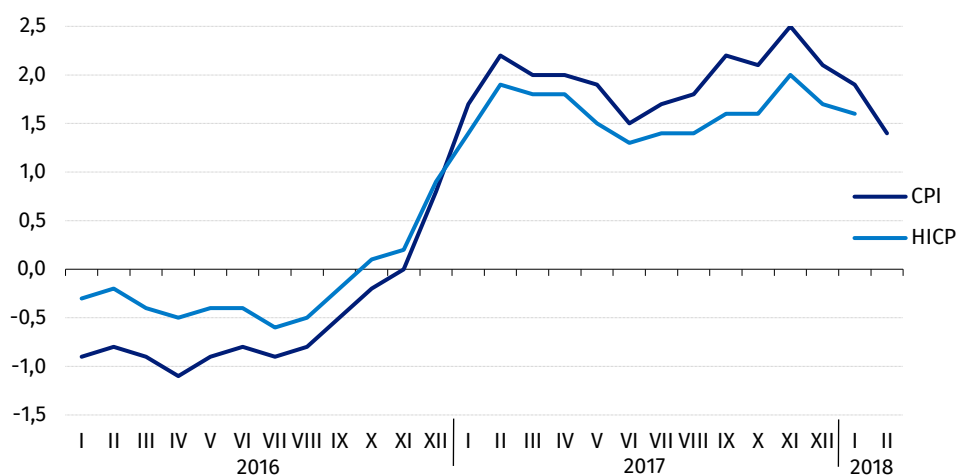
Compared with the previous month, in February 2018 consumer prices decreased by 0,2%

**Chart 3. Consumer prices (change in % compared with the corresponding period of the previous year)**



In February 2018, consumer price index was below the deviations from inflation target determined by the Monetary Policy Council (2,5% +/- 1 pp)

**Chart 4. Consumer price index (CPI) and harmonised index of consumer prices (HICP) (change in % compared with the corresponding period of the previous year)**



**Table 3. Consumer price indices in January and February 2018**

SPECIFICATION	I 2018		II 2018			I-II 2018
	XII 2017= =100	I 2017= =100	I 2018= =100	II 2017= =100	XII 2017= =100	I-II 2017= =100
<b>TOTAL</b>	<b>100,3</b>	<b>101,9</b>	<b>99,8</b>	<b>101,4</b>	<b>100,1</b>	<b>101,6</b>
Goods	100,3	101,5	99,7	101,0	100,0	101,3
Services	100,1	102,8	100,0	102,3	100,1	102,6

SPECIFICATION	I 2018		II 2018			I-II 2018
	XII 2017= =100	I 2017= =100	I 2018= =100	II 2017= =100	XII 2017= =100	I-II 2017= =100
FOOD AND NON-ALCOHOLIC BEVERAGES	101,2	104,8	99,6	103,4	100,8	104,1
Food	101,2	105,1	99,6	103,6	100,8	104,3
of which:						
Rice	101,1	101,7	99,9	100,6	101,1	101,2
Flour	102,6	101,4	99,7	100,5	102,2	101,0
Bread	100,8	104,4	100,4	104,6	101,3	104,5
Pasta products and couscous	99,8	101,8	100,2	102,3	100,0	102,0
Meat	100,2	104,3	99,3	103,7	99,5	104,0
of which:						
Beef	100,5	103,8	100,1	104,0	100,6	103,9
Veal	100,5	102,5	100,4	103,2	100,8	102,9
Pork	99,7	102,9	97,7	101,4	97,5	102,1
Poultry	100,4	106,2	99,9	105,8	100,3	106,0
Dried, salted or smoked meat	100,4	104,7	99,5	104,1	99,9	104,4
Fish and seafood	100,6	101,3	100,1	100,8	100,8	101,0
Milk, cheese and eggs	100,1	110,3	99,1	108,7	99,2	109,5
of which:						
Milk	100,3	102,8	99,4	102,3	99,7	102,5
Yoghurt, cream, milk-based desserts, milk-based beverages and other similar milk-based products	100,4	108,7	100,1	108,3	100,5	108,5
Cheese and curd	100,4	103,8	99,3	102,7	99,7	103,2
Eggs	98,9	143,2	96,8	135,7	95,7	139,4
Oils and fats	99,2	114,3	98,1	111,3	97,3	112,8

SPECIFICATION	I 2018		II 2018			I-II 2018
	XII 2017= =100	I 2017= =100	I 2018= =100	II 2017= =100	XII 2017= =100	I-II 2017= =100
Vegetable fats	101,3	102,9	99,3	101,3	100,6	102,1
Animal fats	97,7	124,9	97,1	120,5	94,8	122,7
of which butter	97,5	126,5	97,0	121,8	94,6	124,1
Fruit	106,9	112,6	102,5	112,7	109,6	112,6
Vegetables	104,5	102,7	98,4	95,1	102,8	98,8
Sugar	96,5	79,2	91,1	71,9	87,8	75,5
Non-alcoholic beverages	100,7	101,4	100,2	101,6	100,9	101,5
of which:						
Coffee	100,3	102,9	100,6	103,2	100,8	103,0
Tea	100,5	102,3	99,9	102,1	100,4	102,2
Cocoa and powdered chocolate	101,7	103,3	100,6	103,2	102,3	103,2
Mineral or spring waters	101,0	99,9	100,3	100,5	101,4	100,2
Fruit and vegetable juices	101,8	101,7	101,2	102,5	103,0	102,1
ALCOHOLIC BEVERAGES AND TOBACCO	100,5	101,2	100,2	101,0	100,7	101,1
Alcoholic beverages	100,6	100,5	100,1	100,4	100,7	100,5
Tobacco	100,3	103,1	100,3	102,4	100,7	102,7
CLOTHING AND FOOTWEAR	96,1	95,5	98,5	95,8	94,7	95,6
of which:						
Garments	95,7	94,3	98,5	94,5	94,3	94,4
Footwear	96,9	97,8	98,4	98,5	95,3	98,2
DWELLING	100,3	101,8	100,1	101,8	100,4	101,8
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	100,3	102,1	100,1	102,1	100,4	102,1

SPECIFICATION	I 2018		II 2018			I-II 2018
	XII 2017= =100	I 2017= =100	I 2018= =100	II 2017= =100	XII 2017= =100	I-II 2017= =100

of which:

Actual rentals for housing	100,4	103,4	100,4	103,1	100,8	103,3
Water supply	100,3	101,6	100,0	101,3	100,3	101,5
Refuse collection	101,4	103,6	100,9	104,0	102,3	103,8
Sewage collection	100,5	102,0	100,1	101,9	100,6	101,9
Electricity, gas and other fuels	100,1	101,7	99,9	101,8	100,0	101,7
Electricity	100,0	100,0	100,0	100,0	100,0	100,0
Gas	100,0	98,0	100,0	98,9	100,0	98,4
Liquid and solid fuels	100,3	109,5	99,7	108,6	100,0	109,0
Heat energy	100,2	100,3	100,1	100,6	100,3	100,4
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	100,5	100,3	100,2	100,5	100,7	100,4

of which:

Furniture and furnishings	100,8	100,8	100,3	101,0	101,1	100,9
Household appliances	100,3	98,8	100,2	99,0	100,5	98,9
Cleaning and maintenance products	100,8	99,7	100,1	100,1	100,9	99,9
Domestic services and household services	100,6	104,2	100,4	104,1	101,0	104,2
HEALTH	100,4	101,8	100,3	101,9	100,7	101,8

of which:

Pharmaceutical products	100,2	100,6	100,3	100,8	100,5	100,7
Therapeutic appliances and equipment	99,9	101,9	100,2	102,0	100,2	102,0
Medical services	100,5	104,2	100,4	104,0	100,9	104,1

SPECIFICATION	I 2018		II 2018			I-II 2018
	XII 2017= =100	I 2017= =100	I 2018= =100	II 2017= =100	XII 2017= =100	I-II 2017= =100
Dental services	100,8	104,2	100,4	104,2	101,2	104,2
Hospital services	101,2	99,4	101,0	100,3	102,2	99,9
TRANSPORT	99,4	98,8	99,4	98,0	98,8	98,4

of which:

Purchase of vehicles	99,0	93,7	100,5	95,1	99,5	94,4
Motor cars	99,0	93,3	100,5	94,8	99,5	94,0
Fuels for personal transport equipment	100,8	99,0	98,4	97,2	99,2	98,1
Diesel	101,2	99,2	98,5	97,7	99,6	98,4
Petrol	100,9	99,3	98,6	97,6	99,5	98,5
Liquid petroleum gas and other fuels for personal transport equipment	99,3	96,1	97,3	93,0	96,6	94,5
Transport services	91,2	102,2	102,5	101,6	93,4	101,9
COMMUNICATION	100,2	102,0	98,6	100,6	98,8	101,3

of which:

Telephone and telefax equipment	97,5	86,8	99,3	86,6	96,8	86,7
Telephone and telefax services	100,2	102,4	98,6	101,1	98,8	101,8
RECREATION AND CULTURE	100,9	102,5	100,0	101,5	100,9	102,0

of which:

Audio-visual, photographic and information processing equipment	99,4	97,3	99,9	97,2	99,2	97,2
Recreational and cultural services	102,7	105,3	98,0	101,4	100,7	103,3

of which:

Recreational and sporting services	99,9	101,7	100,4	102,5	100,3	102,1
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SPECIFICATION	I 2018		II 2018			I-II 2018
	XII 2017= =100	I 2017= =100	I 2018= =100	II 2017= =100	XII 2017= =100	I-II 2017= =100
Cultural services	103,7	106,6	97,2	101,0	100,8	103,8
of which television and radio licence fees, subscriptions	106,1	109,6	95,1	99,8	100,9	104,6
Books	98,4	93,2	102,3	93,5	100,7	93,4
Newspapers and periodicals	101,8	103,9	99,8	105,1	101,6	104,5
Stationery and drawing materials	100,3	102,0	100,2	102,1	100,5	102,1
Package holidays	100,3	103,3	100,6	102,7	100,9	103,0
Package domestic holidays	100,4	102,3	100,9	102,9	101,3	102,6
Package international holidays	100,2	104,2	100,3	102,5	100,6	103,3
EDUCATION	100,3	102,1	100,1	102,1	100,3	102,1
RESTAURANTS AND HOTELS	100,4	103,0	100,2	103,0	100,5	103,0
MISCELLANEOUS GOODS AND SERVICES	99,8	99,9	100,4	100,1	100,2	100,0
of which:						
Personal care	100,6	100,2	100,1	100,4	100,8	100,3
of which:						
Hairdressing salons and personal grooming establishments	100,8	103,6	100,3	103,7	101,1	103,6
Articles for personal hygiene and wellness, esoteric products and beauty products	100,6	99,7	100,1	99,8	100,8	99,8
Social protection	101,7	104,0	100,3	103,9	102,0	103,9
Insurance	97,1	97,1	102,0	98,7	99,1	97,9
Charges by banks and post offices	100,0	100,8	89,9	85,7	89,9	93,1

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[Price index of consumer goods and services](#)

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