

Consumer price indices in February 2020

13.03.2020


4,7%

an increase compared with the corresponding month of the previous year

Consumer prices in February 2020 compared with the corresponding month of the previous year increased by 4,7% (with an increase of prices of services – by 6,4% and goods – by 4,1%).

As related to the previous month consumer prices increased by 0,7% (with an increase of prices of services – by 1,1% and goods by 0,5%).

Table 1. Consumer price indices in January and February 2020

SPECIFICATION	I 2020*		II 2020			I-II 2020
	I 2019= =100	XII 2019= =100	II 2019= =100	XII 2019= =100	I 2020= =100	I-II 2019= =100
TOTAL	104,3	100,9	104,7	101,6	100,7	104,5
Food and non-alcoholic beverages	107,5	101,9	107,5	102,7	100,8	107,5
Alcoholic beverages and tobacco	102,6	101,4	104,1	103,0	101,7	103,3
Clothing and footwear	98,4	95,5	99,0	94,3	98,8	98,7
Housing, water, electricity, gas and other fuels	106,2	103,0	107,3	104,5	101,5	106,8
Furnishings, household equipment and routine household maintenance	100,3	100,2	100,3	100,1	99,9	100,3
Health	103,6	100,7	103,7	101,1	100,4	103,7
Transport	102,1	99,2	101,4	98,7	99,5	101,8
Communication	101,9	99,7	101,9	100,4	100,8	101,9
Recreation and culture	103,3	100,9	103,7	101,4	100,5	103,5
Education	104,8	100,5	104,9	100,8	100,3	104,9
Restaurants and hotels	105,6	100,7	106,3	101,6	100,9	105,9
Miscellaneous goods and services	101,5	99,3	102,1	99,8	100,5	101,8

* 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 the 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 were differences in the consumption expenditures of households in 2019 in particular groups being significant in the consumption structure.

There was an increase in the share of expenditures, among others, for Communication, Food and non-alcoholic beverages, Recreation and culture and Health. On the other hand, there was a decrease in the share of expenditures, among others, for Housing, water, electricity, gas and other fuels, Transport as well as Alcoholic beverages and tobacco. Therefore, a different contribution of price changes in particular groups to the total consumer price index was observed, than recorded for the compilations of preliminary data for January of the current year. In January of the current year, as related to January of the previous year, consumer prices increased by 4,3%, compared with the preliminarily estimated increase of 4,4%. According to final data, consumer price index for January of the current year, as related to the previous month, did not change (price increase of 0,9%).

In January 2020, as related to January 2019, consumer prices increased by 4,3% and were at a lower level compared with the preliminarily estimated increase (of 4,4%)

Table 2. Weighting system used in the compilations of consumer price indices in the years 2016-2020

SPECIFICATION	2016	2017	2018	2019	2020
Food and non-alcoholic beverages	24,04	24,28	24,36	24,89	25,24
Alcoholic beverages and tobacco	6,56	6,38	6,19	6,37	6,25
Clothing and footwear	5,47	5,68	5,37	4,94	4,94
Housing, water, electricity, gas and other fuels	21,04	20,53	20,35	19,17	18,44
Furnishings, household equipment and routine household maintenance	4,99	5,14	5,25	5,70	5,80
Health	5,45	5,56	5,69	5,12	5,29
Transport	8,72	8,63	8,74	10,34	9,89
Communication	5,27	5,20	4,87	4,18	4,54
Recreation and culture	6,63	6,89	6,92	6,44	6,62
Education	1,01	0,97	1,00	1,07	1,15
Restaurants and hotels	5,04	5,23	5,71	6,20	6,12
Miscellaneous goods and services	5,78	5,51	5,55	5,58	5,72

Contribution of price changes to the total consumer price index

In February of the current year, compared with the previous month, the highest contribution to the total consumer price index came from higher prices related to Dwelling (by 1,1%), Food (by 0,9%), Alcoholic beverages and tobacco (by 1,7%) and Restaurants and hotels (by 0,9%), which increased the index by 0,28 pp, 0,21 pp, 0,10 pp and 0,06 pp, respectively. Lower prices of Clothing and footwear (by 1,2%) and related to Transport (by 0,5%) decreased the index by 0,06 pp, and 0,04 pp, respectively.

Compared with the corresponding month of the previous year, higher prices of Food (by 8,1%) and related to Dwelling (by 5,6%) increased the index by 1,84 pp and 1,37 pp, respectively. Lower prices of Clothing and footwear (by 1,0%) lowered the index by 0,05 pp.

Chart 1. Contribution of price changes of selected groups of consumer goods and services in February 2020 (change in pp compared with the previous period)

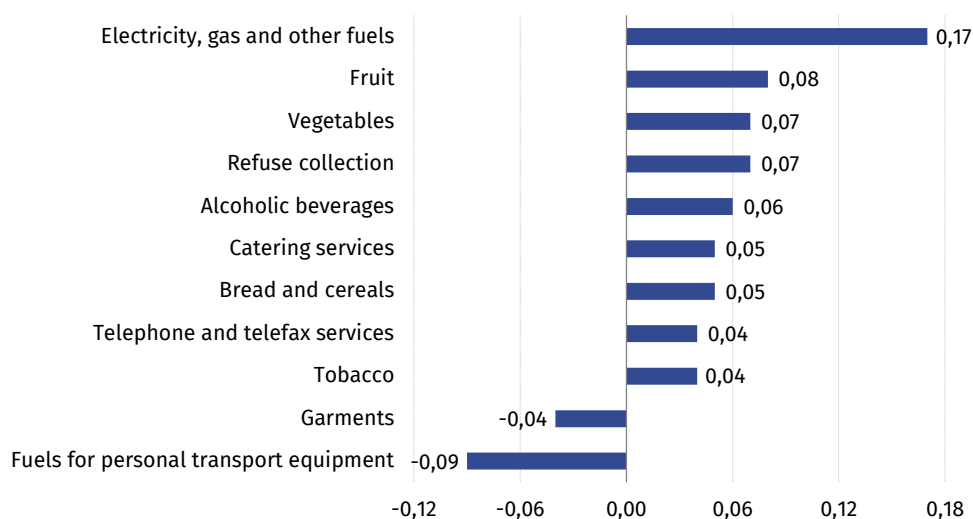


Chart 2. Consumer prices (change in % compared with the previous period)

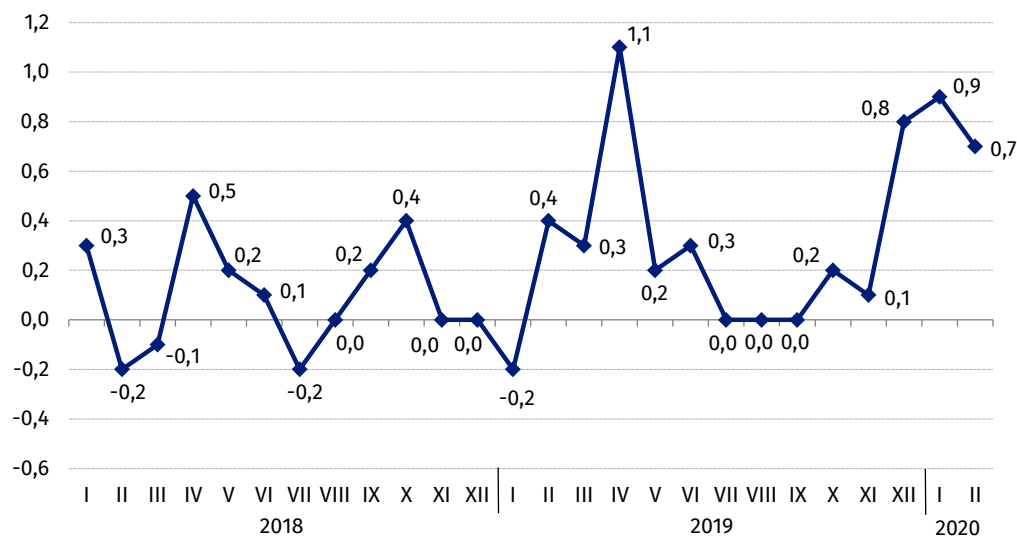
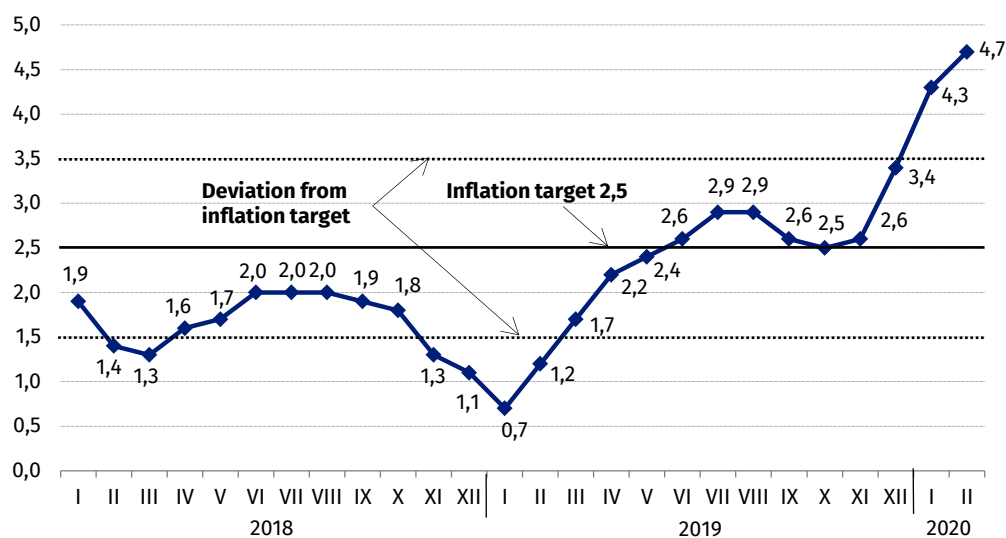
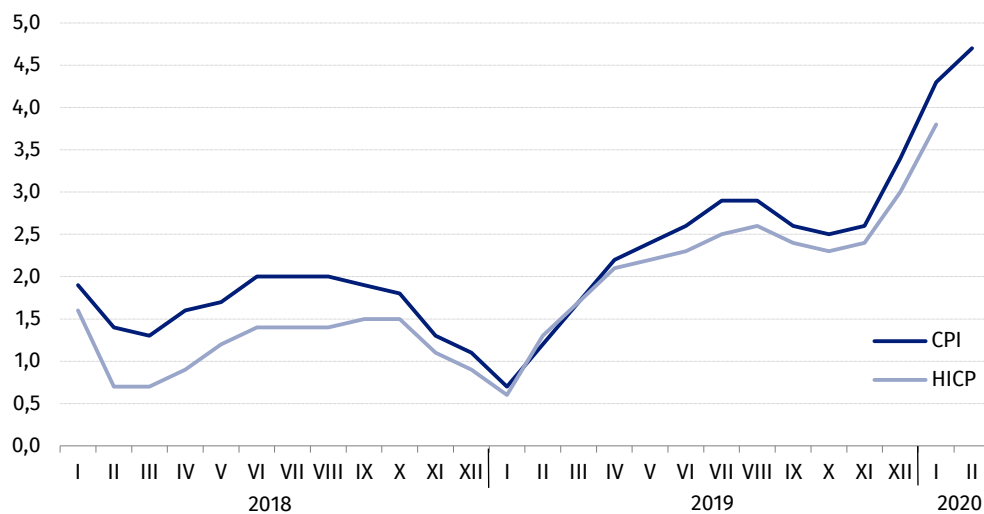


Chart 3. Consumer prices
(change in % compared with the corresponding period of the previous year)



In February 2020 the consumer price index was above the upper band for 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)



* Final data with the exception of the HICP data for January 2020 (preliminary data).

Table 3. Consumer price indices in January and February 2020

SPECIFICATION	I 2020		II 2020			I-II 2020
	I 2019= =100	XII 2019= =100	II 2019= =100	XII 2019= =100	I 2020= =100	I-II 2019= =100
TOTAL	104,3	100,9	104,7	101,6	100,7	104,5
Goods	103,8	101,0	104,1	101,5	100,5	103,9
Services	105,9	100,6	106,4	101,7	101,1	106,2
FOOD, NON-ALCOHOLIC BEVERAGES, ALCOHOLIC BEVERAGES AND TOBACCO	106,5	101,8	106,8	102,8	101,0	106,7
FOOD AND NON-ALCOHOLIC BEVERAGES	107,5	101,9	107,5	102,7	100,8	107,5
Food	108,1	102,0	108,1	102,9	100,9	108,1
of which:						
Rice	106,3	100,9	106,0	101,4	100,5	106,1
Flour	105,1	101,6	104,5	102,4	100,8	104,8
Bread	106,5	101,0	107,6	103,0	102,0	107,0
Pasta products and couscous	103,1	99,9	104,5	101,0	101,2	103,8
Meat	114,1	101,8	114,0	101,6	99,8	114,0
of which:						
Beef	101,6	101,2	102,6	101,1	99,9	102,1
Veal	103,8	101,0	103,7	100,9	99,9	103,8
Pork	125,4	102,1	124,9	99,6	97,5	125,1
Poultry	109,6	102,5	107,3	101,8	99,3	108,4
Dried, salted or smoked meat	113,1	101,5	114,1	102,4	100,9	113,6
Fish and seafood	104,9	101,0	105,2	101,7	100,7	105,0
Milk, cheese and eggs	102,4	101,1	102,7	101,4	100,2	102,5
of which:						
Milk	104,2	101,3	105,6	102,6	101,3	104,9
Yoghurt, cream, milk-based desserts, milk-based beverages and other similar milk-based products	103,6	101,1	103,6	101,3	100,2	103,6
Cheese and curd	102,2	101,0	102,1	101,0	100,0	102,1
Eggs	98,1	101,1	98,6	100,8	99,7	98,3
Oils and fats	96,8	101,8	97,5	101,6	99,8	97,2
Vegetable fats	100,6	101,2	100,6	101,5	100,2	100,6
Animal fats	94,2	102,2	95,3	101,8	99,6	94,7
of which butter	92,3	102,2	93,4	101,5	99,3	92,8
Fruit	115,8	108,0	118,7	113,0	104,5	117,3
Vegetables	111,5	103,0	108,5	105,4	102,3	109,9
Sugar	115,9	100,9	108,3	100,9	100,0	111,9
Non-alcoholic beverages	102,0	100,6	102,0	100,7	100,2	102,0
of which:						
Coffee	101,6	100,7	100,5	100,3	99,6	101,1
Tea	100,6	100,8	102,2	101,3	100,6	101,4
Cocoa and powdered chocolate	104,6	101,7	104,2	102,3	100,6	104,4
Mineral or spring waters	102,5	100,8	102,9	101,0	100,2	102,7
Fruit and vegetable juices	103,8	100,7	104,1	101,8	101,1	103,9

SPECIFICATION	I 2020		II 2020			I-II 2020
	I 2019= =100	XII 2019= =100	II 2019= =100	XII 2019= =100	I 2020= =100	I-II 2019= =100
ALCOHOLIC BEVERAGES AND TOBACCO	102,6	101,4	104,1	103,0	101,7	103,3
Alcoholic beverages	102,2	101,3	103,4	102,7	101,4	102,8
Tobacco	103,7	101,6	105,7	104,0	102,4	104,7
CLOTHING AND FOOTWEAR	98,4	95,5	99,0	94,3	98,8	98,7
of which:						
Garments	98,1	94,9	98,4	93,9	98,9	98,2
Footwear	98,9	96,6	100,3	95,3	98,6	99,6
DWELLING	104,8	102,3	105,6	103,5	101,1	105,2
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	106,2	103,0	107,3	104,5	101,5	106,8
of which:						
Actual rentals for housing	106,3	101,5	106,5	102,6	101,1	106,4
Water supply	102,7	100,3	103,0	100,8	100,5	102,9
Refuse collection	147,4	115,7	150,6	121,9	105,4	149,0
Sewage collection	104,8	101,1	104,6	101,7	100,6	104,7
Electricity, gas and other fuels	104,0	103,0	105,5	104,7	101,6	104,8
Electricity	109,4	107,6	113,2	111,7	103,8	111,3
Gas	99,0	99,1	98,8	99,0	99,9	98,9
Liquid and solid fuels	99,8	100,0	99,6	99,9	99,8	99,7
Heat energy	102,6	100,6	102,7	101,0	100,4	102,7
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	100,3	100,2	100,3	100,1	99,9	100,3
of which:						
Furniture and furnishings	98,7	100,2	98,9	99,9	99,8	98,8
Household appliances	98,2	99,6	98,6	99,7	100,2	98,4
Cleaning and maintenance products	101,4	100,6	101,0	100,0	99,4	101,2
Domestic services and household services	106,4	101,3	106,9	102,6	101,3	106,6
HEALTH	103,6	100,7	103,7	101,1	100,4	103,7
of which:						
Pharmaceutical products	103,1	100,3	103,0	100,4	100,1	103,1
Therapeutic appliances and equipment	101,5	100,3	101,5	100,7	100,3	101,5
Medical services	107,0	101,5	107,5	102,6	101,1	107,2
Dental services	105,1	101,1	105,8	102,5	101,3	105,4
Hospital services	102,4	102,6	102,9	103,1	100,5	102,6
TRANSPORT	102,1	99,2	101,4	98,7	99,5	101,8
of which:						
Purchase of vehicles	97,9	100,6	97,2	100,5	99,9	97,5
of which motor cars	97,7	100,6	97,0	100,4	99,9	97,4
Fuels for personal transport equipment	103,5	101,4	102,4	99,9	98,5	102,9
Diesel	103,0	102,7	101,9	101,4	98,7	102,4
Petrol	103,7	100,7	102,6	99,6	98,8	103,1
Liquid petroleum gas and other fuels for personal transport equipment	103,6	101,4	102,9	96,3	95,0	103,2
Transport services	101,4	82,1	100,5	85,3	104,0	100,9

SPECIFICATION	I 2020		II 2020			I-II 2020
	I 2019= =100	XII 2019= =100	II 2019= =100	XII 2019= =100	I 2020= =100	I-II 2019= =100
COMMUNICATION	101,9	99,7	101,9	100,4	100,8	101,9
of which:						
Telephone and telefax equipment	91,3	98,8	89,8	97,1	98,3	90,5
Telephone and telefax services	102,4	99,7	102,3	100,5	100,8	102,4
RECREATION AND CULTURE	103,3	100,9	103,7	101,4	100,5	103,5
of which:						
Audio-visual, photographic and information processing equipment	95,5	99,2	95,4	99,0	99,8	95,4
Recreational and cultural services	102,1	100,5	102,7	101,3	100,8	102,4
of which:						
Recreational and sporting services	104,0	100,7	104,7	101,4	100,7	104,3
Cultural services	101,3	100,4	102,0	101,3	100,9	101,7
of which television and radio licence fees, subscriptions	99,5	100,1	99,8	100,3	100,2	99,6
Books	106,0	96,6	105,0	95,2	98,6	105,5
Newspapers and periodicals	104,0	103,2	104,5	103,6	100,4	104,2
Stationery and drawing materials	102,8	100,0	103,4	100,6	100,6	103,1
Package holidays	108,8	103,2	109,3	103,4	100,2	109,1
Package domestic holidays	106,8	102,2	106,9	102,7	100,4	106,9
Package international holidays	110,4	104,0	111,0	104,0	100,0	110,7
EDUCATION	104,8	100,5	104,9	100,8	100,3	104,9
RESTAURANTS AND HOTELS	105,6	100,7	106,3	101,6	100,9	105,9
MISCELLANEOUS GOODS AND SERVICES	101,5	99,3	102,1	99,8	100,5	101,8
of which:						
Personal care	102,0	100,3	102,2	100,9	100,5	102,1
of which:						
Hairdressing salons and personal grooming establishments	106,9	102,0	107,8	103,6	101,6	107,4
Articles for personal hygiene and wellness, esoteric products and beauty products	101,0	100,0	101,1	100,3	100,3	101,0
Social protection	107,6	102,9	108,3	104,2	101,3	107,9
Insurance	99,1	94,3	101,3	94,8	100,5	100,2
Charges by banks and post offices	101,1	100,0	101,1	100,0	100,0	101,1

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