

# Consumer price indices in February 2023

15.03.2023


**18.4%**

an increase compared with the corresponding month of the previous year

Consumer prices in February 2023, compared with the corresponding month of the previous year, increased by 18,4% (with an increase of prices of goods – by 20,2% and services – by 13,3%). As related to the previous month consumer prices increased by 1,2% (of which services – by 1,6% and goods – by 1,1%).

**Table 1. Consumer price indices in January and February 2023**

SPECIFICATION	01 2023 <sup>a</sup>		02 2023			01-02 2023
	01 2022= =100	12 2022= =100	02 2022= =100	12 2022= =100	01 2023= =100	01-02 2022=100
TOTAL	116,6	102,5	118,4	103,8	101,2	117,5
Food and non-alcoholic beverages	120,6	101,9	124,0	103,7	101,8	122,3
Alcoholic beverages and tobacco	109,8	101,2	111,1	103,7	102,4	110,5
Clothing and footwear	106,5	96,2	106,6	95,3	99,0	106,5
Housing, water, electricity, gas and other fuels	121,6	108,4	122,7	108,9	100,5	122,1
Furnishings, household equipment and routine household maintenance	113,8	101,2	113,4	101,7	100,5	113,6
Health	110,7	101,7	110,1	102,4	100,7	110,4
Transport	116,5	98,8	123,7	99,9	101,1	120,0
Communication	106,3	101,4	107,8	104,3	102,9	107,1
Recreation and culture	116,7	102,4	116,0	104,8	102,3	116,3
Education	113,9	101,4	114,0	102,1	100,7	114,0
Restaurants and hotels	117,6	101,4	117,2	102,5	101,2	117,4
Miscellaneous goods and services	111,9	101,7	112,8	102,7	101,0	112,3

<sup>a</sup> Final 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. In accordance with the existing rules 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.

There was an increase in the share of expenditures for, among others, Food and non-alcoholic beverages, Transport, Restaurants and hotels and Housing, water, electricity, gas and other fuels. On the other hand, there was a decrease in the share of expenditures for, among others, Alcoholic beverages and tobacco, Furnishings, household equipment and routine household maintenance, as well as Communication.

Therefore, the contribution of price changes in particular groups to the total consumer price index differs from the one recorded for the compilations of preliminary data for January of the current year. According to final data in January of the current year, as related to January of the previous year, consumer prices increased by 16,6%, compared with the preliminarily estimated increase of 17,2%. According to final data in January of the current year, as related to previous month, the index increased by 2,5%, compared with the preliminarily estimated increase of 2,4%.

In January 2023, as related to January 2022, consumer prices increased by 16,6% compared with the preliminarily estimated increase of 17,2%

**Table 2. Weighting system used in the compilations of consumer price indices in the years 2019-2023**

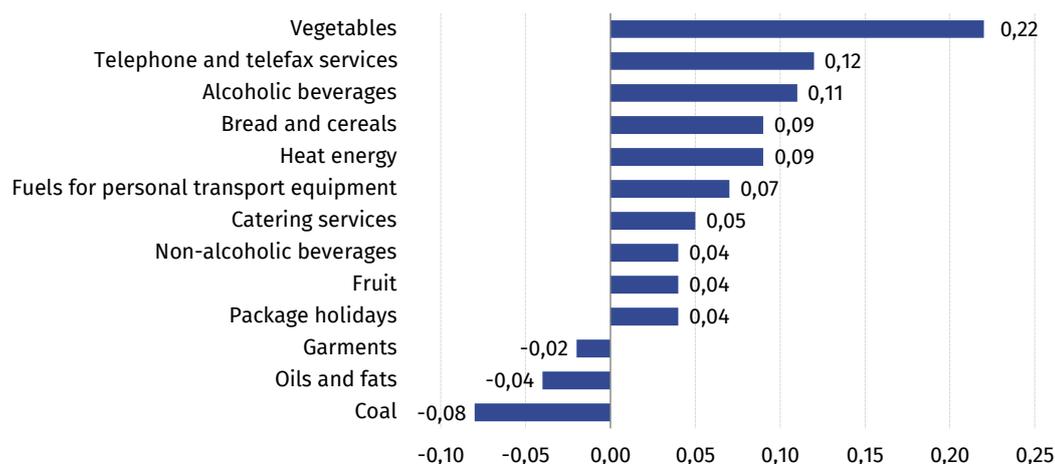
SPECIFICATION	2019	2020	2021	2022	2023
Food and non-alcoholic beverages	24,89	25,24	27,77	26,59	27,01
Alcoholic beverages and tobacco	6,37	6,25	6,91	6,32	5,75
Clothing and footwear	4,94	4,94	4,21	4,47	4,27
Housing, water, electricity, gas and other fuels	19,17	18,44	19,14	19,33	19,63
Furnishings, household equipment and routine household maintenance	5,70	5,80	5,83	5,71	5,29
Health	5,12	5,29	5,39	5,69	5,71
Transport	10,34	9,89	8,88	9,54	9,92
Communication	4,18	4,54	5,00	4,90	4,48
Recreation and culture	6,44	6,62	5,78	6,07	6,14
Education	1,07	1,15	1,02	1,16	1,21
Restaurants and hotels	6,20	6,12	4,56	4,77	5,11
Miscellaneous goods and services	5,58	5,72	5,51	5,45	5,48

### Contributions of price changes to the total consumer price index

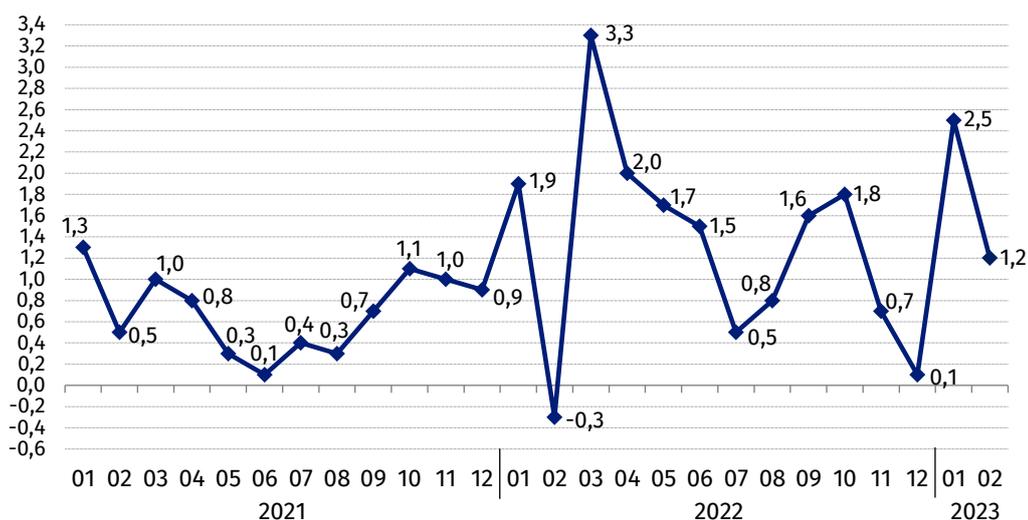
In February of the current year, compared with the previous month, the highest contribution to the total consumer price index came from higher prices related to Food (by 1,8%), Recreation and culture (by 2,3%), Alcoholic beverages and tobacco (by 2,4%) and Dwelling (by 0,5%), which increased the index by 0,44 pp, 0,14 pp each, and 0,13 pp, respectively. Lower prices related to Clothing and footwear (by 1,0%) decreased the index by 0,04 pp.

Compared with the corresponding month of the previous year, higher prices related to Food (by 24,7%), Dwelling (by 20,7%) and Transport (by 23,7%) increased the index by 5,97 pp, 5,19 pp and 2,12 pp, respectively.

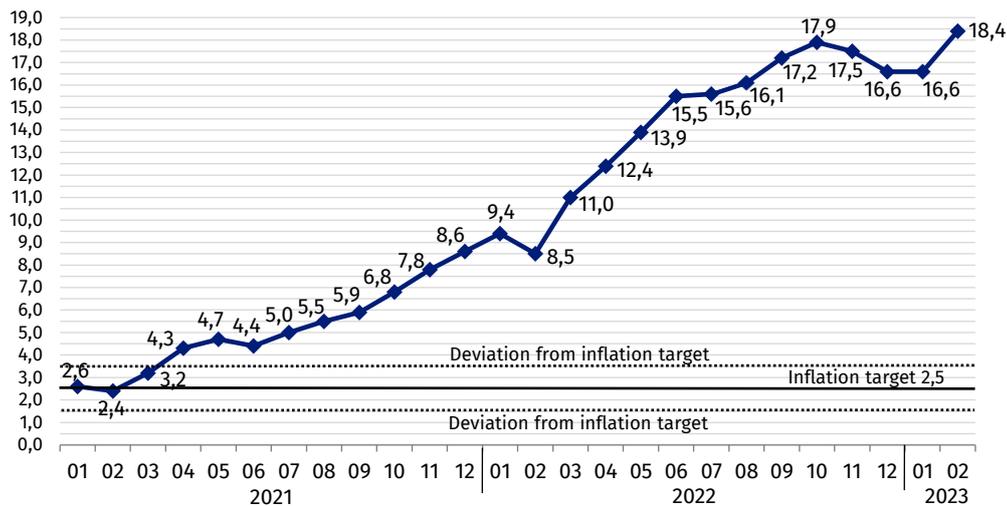
**Chart 1. Contribution of price changes of selected groups of consumer goods and services in February 2023 (change in pp compared with the previous period)**



**Chart 2. Changes in consumer prices as related to the previous period (in %)**

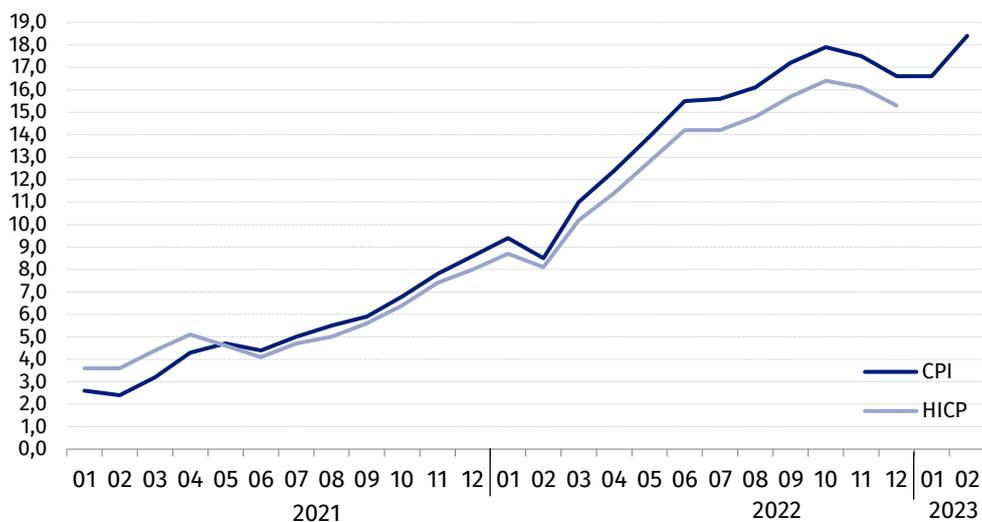


**Chart 3. Changes in consumer prices as related to the corresponding period of the previous year (in %)**



Since April 2021 the consumer price index is above the upper band for deviations from inflation target determined by the Monetary Policy Council (2,5% +/- 1 pp)

**Chart 4. Changes in prices according to consumer price index (CPI) and harmonised index of consumer prices (HICP) as related to the corresponding period of the previous year (in %)**



**Table 3. Consumer price indices in January and February 2023**

SPECIFICATION	01 2023 <sup>a</sup>		02 2023			01-02 2023
	01 2022= =100	12 2022= =100	02 2022= =100	12 2022= =100	01 2023= =100	01-02 2022=100
TOTAL	116,6	102,5	118,4	103,8	101,2	117,5
Goods	117,7	102,9	120,2	104,1	101,1	118,9
Services	113,3	101,3	113,3	102,9	101,6	113,3
FOOD, NON-ALCOHOLIC BEVER- AGES, ALCOHOLIC BEVERAGES AND TOBACCO	118,7	101,8	121,6	103,7	101,9	120,1
FOOD AND NON-ALCOHOLIC BEV- ERAGES	120,6	101,9	124,0	103,7	101,8	122,3
Food	121,1	102,0	124,7	103,8	101,8	122,9
of which:						
Rice	127,1	101,7	129,9	101,2	99,6	128,5
Flour	132,8	102,2	132,8	102,4	100,2	132,8
Bread	126,4	102,6	126,6	104,1	101,5	126,5
Pasta products and couscous	120,8	100,8	124,0	101,8	100,9	122,4
Meat	122,8	100,5	126,2	100,9	100,4	124,4
of which:						
Beef	117,1	100,7	118,3	101,1	100,5	117,7
Veal	111,0	100,3	111,5	100,3	100,1	111,2
Pork	126,1	100,1	133,5	99,5	99,4	129,7
Poultry	125,4	101,2	125,9	100,8	99,5	125,7
Dried, salted or smoked meat	120,4	100,4	123,6	101,4	101,0	122,0
Fish and seafood	121,1	100,8	123,5	101,9	101,1	122,3
Milk, cheese and eggs	126,1	101,4	129,8	102,3	100,9	128,0
of which:						
Milk	134,3	100,7	137,8	101,2	100,5	136,1
Yoghurt, cream, milk-based desserts, milk-based bever- ages and other similar milk- based products	123,6	102,1	127,8	103,4	101,3	125,7
Cheese and curd	123,6	101,0	126,5	101,8	100,8	125,1
Eggs	130,1	102,3	135,6	102,8	100,5	132,8
Oils and fats	124,3	99,7	121,5	96,4	96,6	122,9
Vegetable fats	132,1	101,3	131,6	100,9	99,7	131,8
Animal fats	118,4	98,5	113,7	92,6	94,1	116,1
of which butter	116,7	98,2	111,2	91,7	93,4	114,0
Fruit	113,7	107,0	117,9	109,2	102,1	115,8
Vegetables	114,3	104,3	122,3	111,8	107,2	118,3
Sugar	187,2	101,3	185,2	100,5	99,2	186,2
Non-alcoholic beverages	115,5	101,2	116,4	103,0	101,8	115,9
of which:						
Coffee	122,1	101,0	119,9	103,0	101,9	121,0
Tea	111,6	101,4	111,2	102,8	101,3	111,4
Cocoa and powdered choco- late	120,2	102,0	122,4	105,9	103,8	121,3
Mineral or spring waters	114,6	101,0	115,9	101,9	100,8	115,2
Fruit and vegetable juices	108,9	101,2	113,1	103,5	102,2	111,0

SPECIFICATION	01 2023 <sup>a</sup>		02 2023			01-02 2023
	01 2022= =100	12 2022= =100	02 2022= =100	12 2022= =100	01 2023= =100	01-02 2022=100
ALCOHOLIC BEVERAGES AND TOBACCO	109,8	101,2	111,1	103,7	102,4	110,5
Alcoholic beverages	111,5	101,3	112,7	103,9	102,6	112,1
Tobacco	105,0	100,9	106,6	102,9	102,0	105,8
CLOTHING AND FOOTWEAR	106,5	96,2	106,6	95,3	99,0	106,5
of which:						
Garments	106,7	96,5	107,2	95,8	99,2	106,9
Footwear	105,0	95,4	104,4	94,2	98,8	104,7
DWELLING	120,0	106,9	120,7	107,4	100,5	120,3
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	121,6	108,4	122,7	108,9	100,5	122,1
of which:						
Actual rentals for housing	118,0	101,7	118,2	102,8	101,1	118,1
Water supply	103,4	101,0	105,4	103,2	102,2	104,4
Refuse collection	107,5	103,6	108,6	105,0	101,4	108,0
Sewage collection	110,0	101,8	110,0	103,0	101,1	110,0
Electricity, gas and other fuels	129,7	112,6	131,1	112,6	100,0	130,4
Electricity	123,1	122,3	122,4	122,3	100,0	122,7
Gas	116,1	118,2	123,7	117,8	99,6	119,8
Liquid and solid fuels	160,5	96,5	153,6	93,1	96,5	157,1
Heat energy	136,3	108,2	140,0	112,2	103,6	138,2
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	113,8	101,2	113,4	101,7	100,5	113,6
of which:						
Furniture and furnishings	114,1	101,5	111,7	100,3	98,8	112,9
Household appliances	106,7	99,8	107,0	100,5	100,7	106,9
Cleaning and maintenance products	116,2	102,6	116,2	102,9	100,3	116,2
Domestic services and household services	120,0	103,3	120,3	104,9	101,5	120,2
HEALTH	110,7	101,7	110,1	102,4	100,7	110,4
of which:						
Pharmaceutical products	107,3	101,0	107,4	101,5	100,5	107,4
Therapeutic appliances and equipment	108,5	100,4	108,3	100,9	100,5	108,4
Medical services	116,6	102,9	115,7	104,1	101,2	116,2
Dental services	117,3	103,3	115,9	104,5	101,1	116,6
Hospital services	120,1	108,4	116,1	109,4	100,9	118,0
TRANSPORT	116,5	98,8	123,7	99,9	101,1	120,0
of which:						
Purchase of vehicles	107,9	100,8	107,5	101,2	100,4	107,7
of which motor cars	107,6	100,7	107,2	101,0	100,3	107,4
Fuels for personal transport equipment	118,8	100,0	130,8	101,2	101,2	124,5
Diesel	132,5	99,5	140,9	97,7	98,2	136,5
Petrol	115,3	100,1	127,7	102,5	102,4	121,2
Liquid petroleum gas and other fuels for personal transport equipment	95,1	101,5	115,4	107,4	105,8	104,6
Transport services	121,5	80,6	121,8	82,4	102,2	121,6

SPECIFICATION	01 2023 <sup>a</sup>		02 2023			01-02 2023
	01 2022= =100	12 2022= =100	02 2022= =100	12 2022= =100	01 2023= =100	01-02 2022=100
COMMUNICATION	106,3	101,4	107,8	104,3	102,9	107,1
of which:						
Telephone and telefax equipment	99,5	99,9	98,7	99,7	99,8	99,1
Telephone and telefax services	106,6	101,4	108,2	104,4	103,0	107,4
RECREATION AND CULTURE	116,7	102,4	116,0	104,8	102,3	116,3
of which:						
Audio-visual, photographic and information processing equipment	99,2	101,1	99,4	101,3	100,2	99,3
Recreational and cultural services	111,9	101,7	113,5	104,8	103,1	112,7
of which:						
Recreational and sporting services	114,3	102,7	113,7	103,5	100,7	114,0
Cultural services	110,7	101,1	113,5	105,6	104,5	112,1
of which television and radio licence fees, subscriptions	110,7	101,1	114,5	106,8	105,6	112,6
Books	112,0	99,3	113,1	99,3	100,0	112,6
Newspapers and periodicals	116,7	105,0	114,9	106,6	101,5	115,8
Stationery and drawing materials	119,7	100,5	118,3	101,4	100,8	119,0
Package holidays	126,8	104,2	120,4	107,2	102,8	123,5
Package domestic holidays	119,9	104,8	118,2	105,6	100,8	119,0
Package international holidays	132,2	103,9	121,9	108,2	104,2	126,8
EDUCATION	113,9	101,4	114,0	102,1	100,7	114,0
RESTAURANTS AND HOTELS	117,6	101,4	117,2	102,5	101,2	117,4
MISCELLANEOUS GOODS AND SERVICES	111,9	101,7	112,8	102,7	101,0	112,3
of which:						
Personal care	114,6	102,7	115,6	104,0	101,3	115,1
of which:						
Hairdressing salons and personal grooming establishments	114,2	102,2	113,4	103,5	101,2	113,8
Articles for personal hygiene and wellness, esoteric products and beauty products	115,0	103,0	116,5	104,4	101,4	115,8
Social protection	122,7	105,4	122,0	106,6	101,1	122,4
Insurance	104,5	98,4	106,1	98,5	100,1	105,3
Charges by banks and post offices	106,4	100,5	106,5	100,8	100,3	106,5

a Final 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.

In case of quoting Statistics Poland data, please provide information: "Source of data: Statistics Poland", and in case of publishing calculations made on data published by Statistics Poland, please include the following disclaimer: "Own study based on figures from Statistics Poland".

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