

Revised estimate of gross domestic product for the year 2022

05.10.2023


105.3
 GDP growth in 2022

According to the revised estimate, gross domestic product (GDP) in 2022 increased by 5.3% in comparison to 2021. The result has changed compared to previously published on 20th April 2023 by 0.2 percentage points.

Statistics Poland developed a full, revised estimation of gross domestic product (GDP) for 2022 based on annual sources of information and the revised final estimate for 2021.

The presented data on GDP and its components for 2022 have been revised in comparison to the previously published on 20th April 2023 due to taking into account the more complete annual information on the results in 2022 in the following statistical areas: corporate finance, foreign trade in goods and services and notification of the deficit and debt of the general government sector for the purpose of October EDP notification.

The result of the revised estimate of gross domestic product for 2022 are changes in absolute levels and real GDP dynamics and its components.

The following table presents a comparison of data published on 20th April 2023 with current data, i.e. after implementation of updated sources.

Table 1. Real growth of GDP and its components for 2019-2022

SPECIFICATION	2019	2020	2021	2022
	previous year = 100			
GDP, data from 20.04.2023	104.4	98.0	106.9	105.1
GDP, data from 05.10.2023	104.5	98.0	106.9	105.3
Difference	0.1*	0.0	0.0	0.2
Gross value added, data from 20.04.2023	104.3	98.0	106.6	105.0
Gross value added, data from 05.10.2023	104.3	98.0	106.6	105.5
Difference	0.0	0.0	0.0	0.5
Domestic demand, data from 20.04.2023	103.3	97.3	108.5	105.1
Domestic demand, data from 05.10.2023	103.3	97.3	108.5	105.2
Difference	0.0	0.0	0.0	0.1

The changes in absolute values of the main aggregates in 2022 affected the real growth of GDP.

Consumption expenditure of the households sector, data from 20.04.2023	103.5	96.4	106.2	103.3
Consumption expenditure of the households sector, data from 05.10.2023	103.5	96.4	106.2	105.2
Difference	0.0	0.0	0.0	1.9
Public consumption, data from 20.04.2023	106.5	104.9	105.0	98.0
Public consumption, data from 05.10.2023	106.5	104.9	105.0	100.3
Difference	0.0	0.0	0.0	2.3
Investments, data from 20.04.2023	106.2	97.7	101.2	105.0
Investments, data from 05.10.2023	106.2	97.7	101.2	104.9
Difference	0.0	0.0	0.0	-0.1
Import of goods and services, data from 20.04.2023	103.2	97.6	116.1	106.2
Import of goods and services, data from 05.10.2023	103.2	97.6	116.1	106.8
Difference	0.0	0.0	0.0	0.6
Export of goods and services, data from 20.04.2023	105.3	98.9	112.3	106.2
Export of goods and services, data from 05.10.2023	105.3	98.9	112.3	106.7
Difference	0.0	0.0	0.0	0.5

* The difference in GDP growth for 2019 year results from adopted data rounding procedure, depending on the reporting periods (annual, quarterly).

Table 2 presents GDP data for 2019-2021 and the revised estimate for 2022, along with the structure for that year.

Table 3 presents the dynamics of GDP and its components for 2019-2022, including gross value added by type of activity.

Table 2. Gross domestic product (current prices)

SPECIFICATION	2019	2020	2021	2022	
	In mln PLN				in per- cent
Final consumption expenditure total	1 734 712	1 766 884	1 971 715	2 335 889	76,1
of which:					
consumption expenditure in households sector	1 303 144	1 299 737	1 454 876	1 745 350	56,9

GDP in 2022 increased by 5.3% in comparison to 2021 and was 0.2 p.p. higher than GDP published on 20th April 2023.

public consumption expenditure	412 432	445 409	493 245	560 767	18,3
Gross capital formation	469 061	438 531	572 310	687 566	22,4
of which:					
gross fixed capital formation	432 916	428 090	442 354	515 574	16,8
Exports of goods and service	1 217 371	1 238 754	1 518 244	1 922 863	62,7
Imports of goods and services	1 132 652	1 106 497	1 430 967	1 878 823	61,2
Domestic demand	2 203 773	2 205 415	2 544 025	3 023 455	98,6
Gross domestic product	2 288 492	2 337 672	2 631 302	3 067 495	100
of which:					
Gross value added	2 011 356	2 059 056	2 289 681	2 732 891	89,1
of which:					
Agriculture, forestry and fishing	54 225	60 051	58 990	87 118	2,8
Industry	499 518	508 938	591 970	683 297	22,3
mining and quarrying	32 966	30 682	36 708	55 171	1,8
manufacturing	387 327	385 068	456 773	536 302	17,5
electricity, gas, steam and air conditioning supply	53 780	64 491	67 189	56 587	1,8
water supply; sewerage, waste management and remediation activities	25 445	28 697	31 300	35 237	1,2
Construction	155 827	153 753	147 550	178 447	5,8
Trade; repair of motor vehicles	323 025	328 740	373 129	442 153	14,4
Transportation and storage	144 386	137 987	146 446	188 565	6,1
Accommodation and catering	29 954	23 356	30 600	38 516	1,3
Information and communication	84 861	93 983	112 103	134 383	4,4
Financial and insurance activities	86 805	86 756	88 678	142 716	4,7
Real estate activities	113 612	118 922	126 571	146 228	4,8

Professional, scientific and technical activities	118 615	123 135	131 743	154 988	5,1
Administrative and support service activities	65 031	64 970	72 167	82 991	2,7
Public administration and defence; compulsory social security	110 962	119 524	127 556	145 214	4,7
Education	93 941	101 384	110 013	117 703	3,8
Human health and social work activities	93 708	98 552	129 078	137 430	4,5
Arts, entertainment and recreation	15 860	16 607	17 750	21 812	0,7
Other service activities	20 826	22 208	25 135	31 102	1,0
Activities of households as employers and products-producing activities of households for own use	200	190	202	228	0,0

Table 3. Indices of gross domestic product (constant prices)

SPECIFICATION	2019	2020	2021	2022
	previous year = 100			
Final consumption expenditure total	104.1	98.5	105.8	104.1
of which:				
consumption expenditure in households sector	103.5	96.4	106.2	105.2
public consumption expenditure	106.5	104.9	105.0	100.3
Gross capital formation	100.5	92.5	119.4	109.2
of which:				
gross fixed capital formation	106.2	97.7	101.2	104.9
Exports of goods and services	105.3	98.9	112.3	106.7
Imports of goods and services	103.2	97.6	116.1	106.8
Domestic demand	103.3	97.3	108.5	105.2
Gross domestic product	104.5	98.0	106.9	105.3
of which:				

Gross value added	104.3	98.0	106.6	105.5
of which:				
Agriculture, forestry and fishing	97.8	115.3	88.5	101.1
Industry	104.7	96.5	100.0	107.6
mining and quarrying	98.2	89.9	102.3	121.0
manufacturing	106.2	94.5	97.8	113.0
electricity, gas, steam and air conditioning supply	99.2	110.5	104.9	63.3
water supply; sewerage, waste management and remediation activities	103.0	105.4	115.4	107.6
Construction	99.2	92.0	108.7	105.1
Trade; repair of motor vehicles	103.8	97.7	111.7	102.3
Transportation and storage	102.6	90.3	115.3	106.9
Accommodation and catering	100.8	74.2	120.9	106.6
Information and communication	106.6	107.9	121.2	103.7
Financial and insurance activities	110.1	87.0	91.4	141.8
Real estate activities	118.2	104.2	102.5	104.8
Professional, scientific and technical activities	103.7	102.1	111.4	104.8
Administrative and support service activities	109.8	94.5	111.2	102.9
Public administration and defence; compulsory social security	105.5	103.7	100.8	103.5
Education	103.8	104.2	102.6	94.6
Human health and social work activities	98.7	102.5	123.3	96.7
Arts, entertainment and recreation	99.8	101.7	102.4	107.7
Other service activities	97.9	99.9	108.1	106.2
Activities of households as employers and products-producing activities of households for own use	92.5	91.8	100.9	98.6

Quarterly data on GDP, consistent with the annual data presented in this news release (tables 2 and 3) as well as the first and second quarter of 2023, will be published on 23rd October this 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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Related information

[The Statistics Poland information on the updated 2021-2022 quarterly GDP estimate](#)

Data available in databases

[Knowledge Databases – National Accounts](#)

Terms used in official statistics

[Gross domestic product](#)

[Gross value added](#)

[Gross capital formation](#)