Business tendency in manufacturing,

construction, trade and services – October 2022

In-depth questions about the current economic issues and the impact of war in Ukraine – assessment and expectations

General business climate indicator and its components in the last six months

graph legend related to general business climate indicator and its components in the last six monthsIn most of presented kinds of activities general business climate indicator in October is at a lower level as compared to the previous month. In majority of researched areas “diagnostic” components do not change, whereas “forecast” ones deteriorate.

⇩ -21.1

General business climate indicator for manufacturing (NSA)

Positive[[1]](#footnote-1) indicator is noted only by two sections – financial and insurance activities along with information and communication, while the most pessimistic one by entities representing sections of accommodation and food service activities, construction as well as manufacturing.

In the current month – answers provided between 1st and 10th of each month – supplementary set of questions has been added to the survey. This particular set aims to additionally diagnose the impact of war in Ukraine on business tendency and raises the issue of price developments (results in Annex).

# **ManufacturingManufacturing (graph 1)**

Value of general business climate indicator in manufacturing in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in manufacturing in 2010-2022 – seasonally and non-seasonally adjusted dataIn the current month general business climate indicator (NSA) takes the value minus 21.1 – lower than the one reported in September (minus 18.8).

# **ConstructionConstruction (graph 2)**

Value of general business climate indicator in construction in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in construction in 2010-2022 – seasonally and non-seasonally adjusted dataIn October general business climate indicator (NSA) takes the value minus 22.1 and it is lower than the one reported in the previous month (minus 19.1).

# **Wholesale tradeWholesale trade (graph 3)**

Value of general business climate indicator in wholesale trade in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in wholesale trade in 2011-2022 – seasonally and non-seasonally adjusted dataIn the current month general business climate indicator (NSA) takes the value minus 9.0 – similar to the one reported in September (minus 8.3).

**Retail trade (graph 4)**

Value of general business climate indicator in retail trade in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in retail trade in 2010-2022 – seasonally and non-seasonally adjusted dataIn October general business climate indicator (NSA) takes the value minus 11.7 and it is lower than the one reported in the previous month (minus 9.5).

******Transportation and storage (graph 5)**

Value of general business climate indicator in transportation and storage in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in transportation and storage in 2010-2022 – seasonally and non-seasonally adjusted dataIn the current month general business climate indicator (NSA) takes the value minus 7.5 – similar to the one reported in September (minus 7.2).

******Accommodation and food service activities (graph 6)**

Value of general business climate indicator in accommodation and food service activities in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in accommodation and food service activities in 2010-2022 – seasonally and non-seasonally adjusted dataIn October general business climate indicator (NSA) takes the value minus 22.9 versus minus 18.6 in September. Entities operating in accommodation formulate more negative assessments of business tendency (minus 26.1) than the ones representing food service activities (minus 18.9).

Value of general business climate indicator in food service activities in the last six months (non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in accommodation in the last six months (non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in accommodation in 2010-2022 – non-seasonally adjusted dataAccommodation (graph 6a)

Value of general business climate indicator in food service activities in 2010-2022 – non-seasonally adjusted dataFood service activities (graph 6b)

******Information and communication (graph 7)**

Value of general business climate indicator in information and communication in 2010-2022 – seasonally and non-seasonally adjusted dataValue of general business climate indicator in information and communication in the last six months (seasonally and non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)In the current month general business climate indicator (NSA) takes the positive value (plus 9.1) – slightly lower than the one reported in September (plus 10.6).

******Financial and insurance activities (graph 8)[[2]](#footnote-2)**

Value of general business climate indicator in financial and insurance activities in the last six months (non-seasonally adjusted data) and its components: “diagnostic” and “forecast” (non-seasonally adjusted data)Value of general business climate indicator in financial and insurance activities in 2010-2022 – non-seasonally adjusted dataIn October general business climate indicator (NSA) takes the value plus 9.3 and it is lower than the one noted in the previous month (plus 11.1).

# **Table 1.** **General business climate indicators** **by kind of activity**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SPECIFICATION | | Analogous month of the previous year | Previous month | **Current month** | Long-term mean |
| **Manufacturing** | seasonally adjusted indicator (SA) | -4,3 | -19,2 | **-19,1** | 2,0 |
| non-seasonally adjusted indicator (NSA) | -6,3 | -18,8 | **-21,1** | 2,0 |
| “diagnostic” component (NSA) | -4,2 | -13,1 | **-14,5** | -1,5 |
| “forecast” component (NSA) | -8,4 | -24,4 | **-27,6** | 5,5 |
| **Construction** | seasonally adjusted indicator (SA) | -10,1 | -20,8 | **-21,9** | -3,0 |
| non-seasonally adjusted indicator (NSA) | -9,4 | -19,1 | **-22,1** | -2,9 |
| “diagnostic” component (NSA) | -6,7 | -13,4 | **-14,5** | -6,1 |
| “forecast” component (NSA) | -12,1 | -24,7 | **-29,6** | 0,3 |
| **Wholesale trade** | seasonally adjusted indicator (SA) | 3,2 | -10,8 | **-8,9** | 3,5 |
| non-seasonally adjusted indicator (NSA) | 2,6 | -8,3 | **-9,0** | 3,6 |
| “diagnostic” component (NSA) | 11,4 | 2,8 | **3,6** | 9,0 |
| “forecast” component (NSA) | -6,2 | -19,4 | **-21,6** | -1,8 |
| **Retail trade** | seasonally adjusted indicator (SA) | -1,2 | -10,8 | **-11,7** | -4,3 |
| non-seasonally adjusted indicator (NSA) | -1,2 | -9,5 | **-11,7** | -4,3 |
| “diagnostic” component (NSA) | 1,0 | -1,0 | **-2,6** | -3,6 |
| “forecast” component (NSA) | -3,3 | -17,9 | **-20,8** | -4,9 |
| **Transportation and storage** | seasonally adjusted indicator (SA) | 3,1 | -8,4 | **-7,2** | -0,5 |
| non-seasonally adjusted indicator (NSA) | 2,7 | -7,2 | **-7,5** | -0,5 |
| “diagnostic” component (NSA) | 7,6 | 0,8 | **1,8** | 0,7 |
| “forecast” component (NSA) | -2,3 | -15,2 | **-16,7** | -1,7 |
| **Accommodation and food service activities** | seasonally adjusted indicator (SA) | -7,3 | -15,7 | **-17,5** | -0,4 |
| non-seasonally adjusted indicator (NSA) | -12,3 | -18,6 | **-22,9** | -0,4 |
| “diagnostic” component (NSA) | 0,7 | -4,4 | **-4,7** | -2,3 |
| “forecast” component (NSA) | -25,3 | -32,7 | **-41,1** | 1,6 |
| **Information and communication** | seasonally adjusted indicator (SA) | 16,5 | 9,6 | **8,8** | 18,4 |
| non-seasonally adjusted indicator (NSA) | 16,8 | 10,6 | **9,1** | 18,5 |
| “diagnostic” component (NSA) | 28,3 | 26,3 | **26,0** | 26,0 |
| “forecast” component (NSA) | 5,2 | -5,2 | **-7,8** | 10,9 |
| **Financial and insurance activities** | seasonally adjusted indicator (SA)[[3]](#footnote-3) | . | . | **.** | . |
| non-seasonally adjusted indicator (NSA) | 13,3 | 11,1 | **9,3** | 26,2 |
| “diagnostic” component (NSA) | 22,1 | 27,3 | **25,0** | 32,9 |
| “forecast” component (NSA) | 4,5 | -5,2 | **-6,4** | 19,5 |

Annex

In-depth questions about the current economic issues and the impact of war in Ukraine

|  |
| --- |
| Survey was conducted between 1st and 10th of the current month on a sample of entities operating in manufacturing, construction, trade as well as services. Questions were divided into two sections – questions regarding the impact of war in Ukraine and questions on price developments. Answers to this additional set are provided by respondents on a voluntary basis. The table below presents the percentage (weighted) of respondents' answers to a given question variant. Data were aggregated according to methodology of aggregation (weighing) which is used by default in regular survey. |

# **Table 2. In-depth questions about the current economic issues**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Questions** | Manufacturing | Construction | Wholesale trade | Retail trade | Transportation and storage | Accommodation and food service activities |
| **QUESTIONS ON THE IMPACT OF WAR IN UKRAINE** | | | | | | |
|  | | | | | | |
| **1. Negative effects of the ongoing war in Ukraine and its impact on your business activity in the current month will be:** | | | | | | |
| lack of negative effects | 12,7 | 11,8 | 12,6 | 13,9 | 12,6 | 19,0 |
| minor | 54,7 | 55,4 | 58,6 | 60,4 | 54,6 | 43,4 |
| serious | 27,1 | 26,4 | 24,5 | 17,7 | 24,4 | 25,0 |
| a threat to company’s stability | 5,5 | 6,4 | 4,3 | 8,0 | 8,4 | 12,6 |
| sum  (lack of negative effects + minor) | 67,4 | 67,2 | 71,2 | 74,3 | 67,2 | 62,4 |
| sum (serious + a threat to company’s stability) | 32,6 | 32,8 | 28,8 | 25,7 | 32,8 | 37,6 |
|  | | | | | | |
| **2. Out of negative effects of the ongoing war in Ukraine reported in the previous month, which of them relate to your company the most:** | | | | | | |
| drop in sales – drop in revenues | 33,1 | 17,2 | 28,8 | 26,1 | 18,9 | 35,1 |
| increase in costs | 72,1 | 85,1 | 67,3 | 67,9 | 82,4 | 81,9 |
| disruption in supply chain | 56,6 | 48,2 | 36,4 | 36,3 | 26,1 | 15,0 |
| large organisational disturbances in company’s functioning | 4,0 | 4,6 | 2,3 | 1,1 | 9,7 | 0,6 |
| problems with current financing | 6,4 | 9,9 | 8,0 | 7,4 | 8,9 | 14,9 |
| surplus stocks | 8,4 | 1,3 | 3,1 | 11,2 | 0,2 | 7,8 |
| terminating contracts with eastern contractors | 14,0 | 1,0 | 10,0 | 10,5 | 10,7 | 0,6 |
|  | | | | | | |
| **3. If your company employs workers from Ukraine, did you report in the last month one of the following situations connected with the ongoing war:[[4]](#footnote-4)** | | | | | | |
| outflow of workers from Ukraine | 34,6 | 22,5 | 10,9 | 22,4 | 30,5 | 56,9 |
| minor | 34,4 | 19,7 | 10,3 | 22,2 | 28,3 | 55,8 |
| serious | 0,2 | 2,8 | 0,6 | 0,2 | 2,2 | 1,1 |
| inflow of workers from Ukraine | 34,7 | 20,0 | 9,9 | 26,1 | 30,4 | 52,3 |
| minor | 33,8 | 19,5 | 9,8 | 25,9 | 30,2 | 45,5 |
| serious | 0,9 | 0,5 | 0,1 | 0,2 | 0,2 | 6,8 |
| does not concern | 62,0 | 75,3 | 85,1 | 69,9 | 66,8 | 41,9 |

# **Table 2. In-depth questions about the current economic issues (cont.)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Questions** | Przetwórstwo przemysłowe  Manufacturing | Budownictwo  Construction | Handel hurtowy  Wholesale trade | Handel detaliczny  Retail trade | Transport i gospodarka magazynowa  Transportation and storage | Zakwaterowanie i gastronomia  Accommodation and food service activities |
| **PRICE DEVELOPMENTS** | | | | | | |
|  | | | | | | |
| **4. How in your opinion will the prices of services/materials/raw materials used by your company as part of its activity develop?** | | | | | | |
| **In the short term (1-3 months) – compared to the current situation** | | | | | | |
| they will rise faster | 49,9 | 49,9 | 47,0 | 63,7 | 60,9 | 76,0 |
| they will rise slower | 36,7 | 37,8 | 35,3 | 27,7 | 30,7 | 17,2 |
| they will stabilise | 11,9 | 10,5 | 15,9 | 7,9 | 8,4 | 6,2 |
| they will fall | 1,5 | 1,8 | 1,8 | 0,7 | 0,0 | 0,6 |
| **In the longer term (next 12 months) – compared to the current situation** | | | | | | |
| they will rise faster | 35,2 | 41,8 | 37,6 | 50,2 | 47,8 | 65,4 |
| they will rise slower | 43,1 | 37,8 | 37,4 | 34,9 | 44,2 | 25,5 |
| they will stabilise | 20,3 | 17,7 | 22,0 | 12,5 | 4,3 | 8,5 |
| they will fall | 1,4 | 2,7 | 3,0 | 2,4 | 3,7 | 0,6 |
|  | | | | | | |
| **5. Which of the following factors will have the biggest impact on the operating costs of your company throughout the next quarter?** | | | | | | |
| **increase in costs** | | | | | | |
| prices of energy and fuel | 98,1 | 97,4 | 92,7 | 95,7 | 99,8 | 100,0 |
| prices of rent, premises etc. | 43,5 | 56,5 | 54,5 | 72,4 | 56,7 | 80,2 |
| prices of components and services | 90,8 | 84,3 | 73,0 | 77,5 | 73,4 | 92,0 |
| costs of labour | 79,9 | 85,4 | 69,1 | 78,1 | 85,5 | 92,9 |
| prices of direct import | 60,8 | 42,1 | 44,8 | 48,7 | 37,4 | 45,2 |
| changes in regulations and legal requirements | 45,8 | 57,8 | 44,7 | 57,7 | 54,2 | 46,6 |
| costs of financing (credits, loans etc.) | 59,6 | 71,0 | 55,0 | 63,8 | 71,3 | 63,9 |
| others | 31,1 | 37,1 | 28,4 | 30,1 | 38,5 | 34,5 |
| **decrease in costs** | | | | | | |
| prices of energy and fuel | 0,2 | 0,0 | 0,0 | 0,5 | 0,0 | 0,0 |
| prices of rent, premises etc. | 2,7 | 1,7 | 1,4 | 0,6 | 2,8 | 0,0 |
| prices of components and services | 0,2 | 0,0 | 0,2 | 1,9 | 0,7 | 0,6 |
| costs of labour | 1,8 | 0,3 | 0,1 | 0,1 | 0,0 | 0,6 |
| prices of direct import | 1,6 | 1,7 | 1,7 | 0,7 | 4,7 | 4,8 |
| changes in regulations and legal requirements | 2,2 | 0,9 | 1,0 | 0,8 | 2,4 | 6,3 |
| costs of financing (credits, loans etc.) | 1,9 | 0,7 | 0,9 | 4,7 | 1,4 | 3,7 |
| others | 2,2 | 2,2 | 0,9 | 0,7 | 3,3 | 7,8 |
|  | | | | | | |
| **6. Will the observed and expected changes in terms of financing of your company (cost of bank credits and their availability, mercantile credit, deferred payments etc.) cause, in the next 12 months, in the case of:** | | | | | | |
| **investment decisions** | | | | | | |
| deferring | 41,3 | 53,7 | 49,3 | 53,8 | 46,3 | 40,7 |
| acceleration | 5,8 | 1,3 | 1,4 | 1,5 | 5,2 | 6,1 |
| I have no opinion | 52,9 | 45,0 | 49,3 | 44,7 | 48,5 | 53,2 |
| **production/sale** | | | | | | |
| limitation | 31,9 | 42,1 | 35,2 | 41,4 | 23,9 | 41,0 |
| increase | 6,7 | 6,8 | 4,6 | 6,8 | 6,8 | 3,2 |
| I have no opinion | 61,4 | 51,1 | 60,2 | 51,8 | 69,3 | 55,8 |
| **employment** | | | | | | |
| limitation | 36,7 | 45,1 | 39,3 | 43,0 | 26,0 | 32,9 |
| increase | 4,8 | 4,6 | 1,6 | 1,7 | 3,0 | 3,2 |
| I have no opinion | 58,5 | 50,3 | 59,1 | 55,3 | 71,0 | 63,9 |

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

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| --- | --- |
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| --- | --- |
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1. By the phrase „positive” (positive value of the indicator) we consider a situation when percentage of entrepreneurs expecting improvement of their entities’ economic situation in the next three months or observing such an improvement outweighs percentage of entrepreneurs expecting its deterioration. [↑](#footnote-ref-1)
2. Time series does not require to be seasonally adjusted. Non-seasonally adjusted data can be analyzed and interpreted in the same way as seasonally adjusted data. [↑](#footnote-ref-2)
3. Time series does not require to be seasonally adjusted. Non-seasonally adjusted data can be analyzed and interpreted in the same way as seasonally adjusted data. [↑](#footnote-ref-3)
4. It is permissible to choose one answer for each of variants at once (“outflow” and “inflow”), therefore the sum of variants can exceed 100%. The answer “does not concern” is ticked when company does not employ workers from Ukraine or has not observed their “outflow” or “inflow” in the last month. [↑](#footnote-ref-4)