Info Sapiens LLC

34 Lesi Ukrainky Blvd, 2nd entrance, 6th floor Kyiv, 01133, Ukraine

Tel.: + 38 (066) 410 5763 https://www.sapiens.com.ua/ https://www.facebook.com/InfoSapiensLLC/





November 18, 2020

Contact person:

Anastasia Herasymenko Research Manager anastasia.herasymenko@sapiens.com.ua

Press Release

Consumer confidence Index in October 2020 decreased by 9.2 p. to the level of 62.4.

According to the data provided by Info Sapiens "Consumer confidence of Ukrainians", conducted by Info Sapiens and financially supported by Dragon Capital, the Consumer Confidence Index (CCI) equals 62.4 in October, which is 9.2 points lower than in September. All indicator`s components have decreased.

In October 2020, the Consumer confidence Index (CCI) equaled 62.4, that is 9.2 points lower than the indicator in September.

Index of the Current Situation (ICS) decreased and equals 54.9, which is 9.8 p. lower than previous month. The components of this index have changed as follows:

- Index of Current Personal Financial Standing (x1) equals 46.9, which is 8.0 points lower than the indicator in September;
- Index of Propensity to Consume (x5) decreased by 11.7 p. and equals 63.0.

In October, *Index of Economic Expectations (IEE)* have decreased by 8.7 to the level of 67.4. The components of this index have changed as follows:

- Index of Expected Changes in Personal Financial Standing (x2) decreased by 7.6 points comparing to the previous month and equals 73.1;
- Index of Expectations of the Country's Economic Development Over the Next Year (x3) decreased by 10.5 points and equals 52.9;
- Index of Expectations of the Country's Economic Development over the Next 5 Years (x4) declined to the level of 76.2, which is 8.1 points lower than in September.

In October, the indicator of *Index of Expectations of Changes in Unemployment* slightly increased to the level of 147.0, which is 3.5 p. higher than previous month. *Index of Inflationary Expectations* stays almost unchanged on the level 187.3, which is 0.5 points higher than last month. Expectations of Ukrainians regarding the hryvna's exchange rate in the coming three months haven't changed: *Index of Devaluation Expectations* stays stable on the level of 160.6.

'In October 2020, the lowest value of the Consumer confidence Index for the period from January 2019 was recorded. Indices of expected economic development in 1 year and 5 years, which increased significantly in April 2019 after the presidential elections, now returned to the level of 2017-2018. Other components of the CCI have also declined in October but have not "broken" the minimum level within last 2 years. The lowest value of the Index of current personal financial situation was recorded in June 2020, and the Index of propensity to consume - in April 2020.' — as Info Sapiens analysts comment.

Info Sapiens LLC

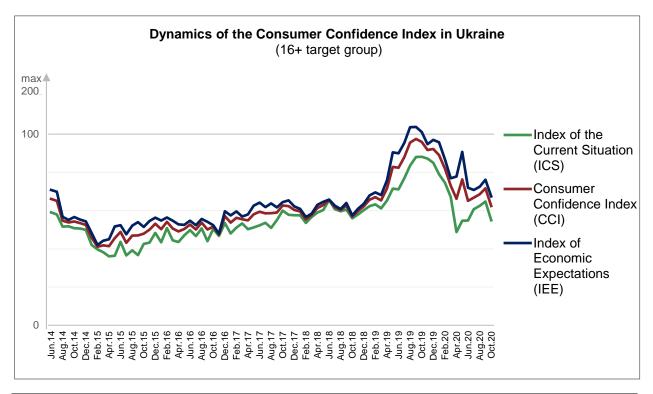
34 Lesi Ukrainky Blvd, 2nd entrance, 6th floor Kviv, 01133, Ukraine

Tel.: + 38 (066) 410 5763 https://www.sapiens.com.ua/ https://www.facebook.com/InfoSapiensLLC/





Dragon & Capital



Dynamics of the Consumer Confidence Index in Ukraine (16+ target group)						
Month, year	Consumer Confidence Index (CCI)	Index of the Current Situation (ICS)	Index of Economic Expectations (IEE)	Index of Expectations of Changes in Unemployment (IECU)	Index of Inflationary Expectations (IIE)	Index of Devaluation Expectations (IDE)
10'20	62,4	54,9	67,4	147,0	187,3	160,6
09'20	71,6	64,8	76,1	143,5	186,8	160,8
10`19	95,9	88,1	101,1	111,6	179,1	129,3

How the indices are calculated

The survey «Consumer confidence in Ukraine» was conducted by GfK Ukraine since June 2000. From 2019 this project is provided by Info Sapiens. From January 2009 consumer confidence survey is conducted on a monthly basis.

In Ukraine. the Consumer Confidence Index is determined through a random survey of domestic households. The poll involves 1.000 individuals aged 16+. (Up to April 2014 the poll involved 1.000 respondents aged 15-59). A representative sample is selected by gender and age, also by type and size of settlement. In April 2014 Autonomous Republic of Crimea was excluded from the sample of consumer confidence research in Ukraine. The margin of error is 3.2%. In April and May 2020, the survey was conducted via CATI method with calls on mobile phones. Dates of the survey: October 10-29th.

To define the CCI. respondents are asked these questions:

- 1. How has the financial standing of your family changed over the last six months?
- 2. How do you think your family's financial standing will change in the next six months?
- 3. Looking at economic conditions in the country as a whole. do you think the next 12 months will be good or bad?
- 4. Looking at the next five years. will they be good ones or bad ones for the country's economy?
- 5. In terms of large purchases for your home. do you think now is generally a good time or a bad time to make such purchases?

Info Sapiens LLC

34 Lesi Ukrainky Blvd, 2nd entrance, 6th floor Kyiv, 01133, Ukraine

Tel.: + 38 (066) 410 5763 https://www.sapiens.com.ua/







Each of these questions is related to a corresponding index:

- Index of Current Personal Financial Standing (x1);
- Index of Expected Changes in Personal Financial Standing (x2);
- Index of Expected Economic Conditions in the Country Over the Next Year (x3);
- Index of Expected Economic Conditions in the Country Over the Next 5 Years (x4);
- Index of Propensity to Consume (x5).

Indices are constructed thus: the share of negative answers is deducted from the share of positive answers. and 100 is added to this difference in order to eliminate negative values. On the basis of these five indices, three aggregate indices are calculated:

- Consumer Confidence Index (CCI) as the arithmetic average of indices x1-x5;
- Index of the Current Situation (ICS) as the arithmetic average of indices x1 and x5;
- Index of Economic Expectations (IEE) as the arithmetic average of indices x2. x3. and x4.

Index values range from 0 to 200. The index equals 200 when all respondents positively assess the economic situation. It totals 100 when the shares of positive and negative assessments are equal. Indices of less than 100 indicate the prevalence of negative assessments.

To determine the Index of Expected Changes in Unemployment (IECU). the Index of Inflationary Expectations (IIE) and the Index of Devaluation Expectations (IDE). the respondents are asked these three questions:

- 1. Do you think that within next 12 months the number of unemployed (people who do not have job and are looking for work) will increase. will remain roughly the same. or will decrease?
- 2. How do you think that prices for major consumer goods and services will change in the next 1-2 months?
- 3. How do you think the USD value will change towards the UAH value during the next 3 months?

The IECU. the IIE and the IDE are calculated thus: the share of answers that indicate a decrease of unemployment/inflation/devaluation is subtracted from the share of answers that indicate the growth of unemployment/inflation/devaluation. and 100 is added to the difference to eliminate negative values. The values of indices can vary from 0 to 200. The index totals 200 when all residents expect an increase in unemployment/inflation/devaluation.

About Info Sapiens

Research agency Info Sapiens specializes in public opinion polls. behavioral studies and secondary data analysis. Our team complies with the ICC/ESOMAR International Code of Marketing and Social Research Practice and is a member of Ukrainian Marketing Association.

Info Sapiens provides fieldwork for GfK Ukraine projects and also independently conducts research projects. namely social and political surveys including «Consumer confidence in Ukraine». More information about the company and its services is available on the website or facebook page.