

Special Data Dissemination Standard Plus (project)



Ukraine

Financial soundness indicators

Tier 1 capital to risk-weighted assets

Tier 1 capital to assets

Nonperforming loans net of provisions to capital

Nonperforming loans to total gross loans

Return on assets

Liquid assets to short-term liabilities

Net open position in foreign exchange to capital

Residential real estate prices

Contact person:

Ms. Anna Teteruk
Statistics and Reporting Department
National Bank of Ukraine
9, Instytutska St.
Kyiv, Ukraine 01601
+380 44 527 37 25

Anna.Teteruk@bank.gov.ua

Ms. Maya Smyshlyaeva
Statistics and Reporting Department
National Bank of Ukraine
9, Instytutska St.
Kyiv, Ukraine 01601
+380 44 527 32 05

Maia.Smyshliaieva@bank.gov.ua

[0 – 1. Information related to the National Bank of Ukraine as a whole](#)

2. Methodology	
<u>2.1 Concepts and definitions</u>	<p>2.1.1 Concepts and definitions</p> <p>In accordance with the <i>The Special Data Dissemination Standard Plus, guide for adherents and users (IMF, 2015)</i> dissemination financial soundness indicators:</p> <ul style="list-style-type: none">– Tier 1 capital to risk-weighted assets;– Tier 1 capital to assets;– Nonperforming loans net of provisions to capital;– Nonperforming loans to total gross loans;– Return on assets;– Liquid assets to short-term liabilities (the calculation of the indicator was stopped starting from 1 December 2022);– Net open position in foreign exchange to capital;– Residential real estate prices (Housing Price Index (HPI)).

	<p>The concept and definitions of data falling under financial soundness indicators category comply with international standards and recommendations set forth in the <i>Financial Soundness Indicators: Compilation Guide (IMF)</i>.</p> <p>Indicators are based on banking supervision, as well as monetary and financial statistics.</p> <p>The definitions of indicators based on banking supervision correspond to the definitions of the Basel Committee on Banking Supervision (BCBS).</p> <p>The definitions of housing price index (HPI) conform to the definitions of the <i>Handbook on Residential Property Prices Indices (Eurostat, ILO, IMF, OECD, UNECE, the World Bank, 2013)</i>.</p>
<p><u>2.2 Scope</u></p>	<p>2.2.1 Scope</p> <p><i>Scope of the data</i></p> <p>Deposit-taking corporations covers 100 percent of banks with separate subdivisions on the territory of Ukraine and abroad (except banks under liquidation or in receivership). Consolidation Basis: <i>Other</i>.</p> <p>HPI are calculated separately for new housing (the primary market) and previously owned housing (the secondary market) when housing is a trade object.</p> <p>Observations over prices in primary and secondary housing markets are conducted quarterly on a sample basis by the list of units (organizations) that provide trading services in housing.</p> <p>Calculation of average housing prices and their indices is performed at the state level with the breakdown by Ukrainian regions and for the country as the whole.</p> <p><i>Exceptions to coverage</i></p> <p>Deposit takers in distress or in receivership are not included.</p> <p>One-room houses, dormitories, and housing built by family members or with the use of other types of unpaid labor are excluded from the HPI. Housing prices observations are not conducted in rural areas.</p>
<p><u>2.3 Classification/sectorization</u></p>	<p>2.3.1 Classification/sectorization</p> <p>Full intragroup adjustments are made.</p> <p>The SSO units are enterprises which according to the Classification of institutional sectors of economy of Ukraine (KICE) belong to sectors S.11 “Non-financial corporations” and S.12 “Financial corporations” (apart from S.121, S.129), in accordance with the Classification of types of economic activity SC 009:2010 (KVED) to classes 41.10 “Organization of buildings construction”, 41.20 “Construction of residential</p>

	<p>and non-residential buildings”, of section F “Construction” and to classes 68.10 “Purchase and sale of one’s own real estate”, 68.31 “Real estate agencies”, section L “Transactions with real estate” for calculating the housing price index.</p>
<p><u>2.4 Basis for recording</u></p>	<p>2.4.1 Valuation</p> <p>Data of the financial soundness indicators are in percentage, components of the financial soundness indicators are in millions of national currency - hryvnia.</p> <p>Principle of ownership is used.</p> <p>Stocks denominated in foreign currency are converted into national currency amounts, using the official exchange rate of hryvnia versus foreign currencies, determined by the National Bank of Ukraine.</p> <p>When calculating the HPI transactions are valued at the actual sale prices of the residential property.</p> <p>2.4.2 Basis for recording</p> <p>Data on stocks of assets and liabilities are compiled using accrual basis accounting, where revenues and expenses are recorded in the period when they occur.</p> <p>The HPI calculation is made on the basis of actual price (value) for selling an apartment according to purchase-and-sale agreement.</p> <p>2.4.3 Grossing/netting procedures</p> <p>Data are compiled in accordance with International Financial Reporting Standards (IFRS) as well as the methodology of compiling indicators of banking supervision and monetary and financial statistics.</p> <p>HPI construction consists of the following steps:</p> <ul style="list-style-type: none"> • selection of urban settlements; • selection of representative goods; • selection of units (organizations); • set-up of weight structure; • calculation of average prices; • calculation of solo and general prices indices. <p>The basis of information base to produce weight structure (weight coefficients) on primary market is the data from the state statistical observation “Indicators of the beginning and completion of construction” regarding the areas of residential buildings put into service for the previous year. On the secondary market – data from the state statistical observation “Changes in prices on housing market” regarding the values of apartments sold during the previous year. The weight coefficients to produce housing price indices by region and Ukraine as a whole are calculated using administrative data from the Ministry of Justice on the number of agreements</p>

	<p>made for purchase-and-sale apartments for the previous year. The weight coefficients to produce housing price indices by region and Ukraine as a whole are calculated using administrative data from the Ministry of Justice on the number of agreements made for purchase-and-sale apartments for the previous year.</p>
<p>3. Accuracy and reliability</p>	
<p><u>3.1 Source data</u></p>	<p>3.1.1 Source data collection programs</p> <p>Data are compiled through the automated data collection and processing system in accordance with the <i>Rules of Organizing the Statistical Reporting to be Submitted to the National Bank of Ukraine approved by Resolution of the Board of the National Bank of Ukraine No.120 of November 13, 2018 (as amended)</i>.</p> <p>For the calculation of HPI, information on prices in primary and secondary housing markets is obtained in city-centers of oblasts, Kyiv, and other urban settlements.</p> <p>The toolkit for statistical observations is Form No.1 Prices (housing) (quarterly) “Report on housing market prices” approved by Order No. 207 dated 4 July 2014 of the State Statistics Service of Ukraine (as amended).</p> <p>3.1.2 Source data definitions, scope, classifications, valuation, and time of recording</p> <p>Source data are in full conformity with source data definitions, scope, classifications, valuation and time of recording (iss. 2.1.1 – 2.4.3).</p> <p>Source data for financial soundness indicators are banking supervision data as well as the monetary and financial statistics data.</p> <p>Source data for HPI conform to the definitions, scope, classifications, valuation, and time of recording required as set forth in paragraphs 9.3, 9.8, 9.12, 9.34, 9.38 of the <i>Handbook on Residential Property Prices Indices (Eurostat, ILO, IMF, OECD, UNECE, the World Bank, 2013)</i>.</p> <p>3.1.3 Source data timeliness</p> <p>Statistical reports are submitted by banks on time. If necessary, the deadline of submission of statistical reports to the National Bank of Ukraine can be extended for 2 - 3 hours by special permission of the National Bank of Ukraine.</p> <p>For the calculation of HPI, the provision of input data is timely for their compilation and dissemination.</p>

<p><u>3.2 Assessment of source data</u></p>	<p>3.2.1 Assessment of source data</p> <p>The system of statistical data collection and assessment is fully automated and provides for data monitoring at each stage of processing. At this, non-submission of data and delays are virtually impossible.</p> <p>In case, some significant mistakes are found, amendments shall be made to report forms and files on the basis of the relevant permission of the National Bank of Ukraine. Simultaneously, the required assistance is rendered as regards some urgent data revisions and their recurrent release.</p> <p>The quality of compilation, processing and revision of source data is cross-checked, all discrepancies are analyzed.</p> <p>For the calculation of HPI source statistic data from all sources of information are analyzed as for their compliance with the compilation methodology.</p> <p>The initial information obtained from respondents is verified for correctness and accuracy of submission. Arithmetical and logical control as well as completeness of information submitted by respondents is automatically monitored by means of electronic information processing. Detected errors are analyzed and corrected during further data processing. The observation also covers the alternative information sources which are compared among themselves in the part where they are comparable.</p> <p>3.2.2 Other statistical procedures</p> <p>The data from alternative sources of information are compared with each other in parts in which they are comparable.</p>
<p><u>3.3 Statistical techniques</u></p>	<p>3.3.1 Source data statistical techniques</p> <p>Data are submitted in electronic files and are processed automatically by means of software complex which can validate the source data by means of predetermined codes of analytical records and their combinations.</p> <p>For the calculation of HPI in the event of temporary lack of sales of apartments of a certain type, procedures for data imputation using methods of imputation of the overall average over region is applied.</p> <p>No adjustment of time series with a seasonal factor is applied.</p> <p>3.3.2 Other statistical procedures</p> <p>No other statistical procedures are applied.</p> <p>For the calculation of HPI average prices for one sq. m of a total living area for every representative goods within a region and within Ukraine in the primary and secondary housing markets are calculated using a formula of the average compound unweighted. Average prices for one sq. m of a total</p>

	<p>living area within regions and within Ukraine overall, based on the number of rooms, in the primary and secondary housing markets are calculated based on average prices using a formula of the average weighted. Individual price indices in the primary and secondary housing markets are calculated based on average prices for representative goods.</p> <p>General price indices in the primary and secondary housing markets within regions and within Ukraine overall are calculated using the Laspeyres formula.</p>
<p><u>3.4 Data validation</u></p>	<p>3.4.1 Validation of intermediate results</p> <p>The financial soundness indicators based on the reporting data of banks are final. Intermediate statistical data are not compiled.</p> <p>Intermediate data are assessed and validated by HPI.</p> <p>3.4.2 Assessment of intermediate data</p> <p>The financial soundness indicators based on the reporting data of banks are final.</p> <p>When compiling HPI, control of the accuracy of carrying out observations via routine checks of filling the form and of the adequacy of explanations as regards an unusual or sizable change in prices is exercised.</p> <p>3.4.3 Assessment of discrepancies and other problems in statistical outputs</p> <p>Data are regularly monitored and analyzed.</p>
<p><u>3.5 Revision studies</u></p>	<p>3.5.1 Revision studies and analyses</p> <p>Reported data are final and not subject to revisions.</p>
<p>4. Serviceability</p>	
<p><u>4.1 Periodicity and timeliness</u></p>	<p>4.1.1 Periodicity</p> <p>Data are compiled and disseminated quarterly according to the SDDS Plus requirements to the data periodicity.</p> <p>4.1.2 Timeliness</p> <p>Financial soundness indicators for I, II, III quarterles is made no later than 45 calendar day after following the reporting quarter. Dissemination of data for IV quarterle is made no later than 55 calendar day after following the reporting quarter.</p> <p>HPI are distributed on the website of the State Statistics Service of Ukraine for the 50 day of the month following the reporting quarter.</p>
<p><u>4.2 Consistency</u></p>	<p>4.2.1 Internal consistency</p>

	<p>Indicators of banks' reporting are consistent with data on the balances and statistical reporting of banks by the end of the reporting period.</p> <p>Statistics comparability is ensured by the methodological unity of forming, obtaining, and cross monitoring indicators.</p> <p>4.2.2 Temporal consistency</p> <p>Financial soundness indicators for previous reporting periods are calculated in accordance with the methodology of banking supervision and monetary and financial statistics, taking into account accounting standards and statistical reporting of banks are distributed, starting with data from the IV quarter of 2005.</p> <p>HPI have been disseminated since Q12016 (the reference year of 2016 = 100). The HPI data by Ukraine as a whole are disseminated since Q12019 (the reference year of 2019 = 100).</p> <p>4.2.3 Intersectoral and cross-domain consistency</p> <p>Secondary data sources are not used for verification of data.</p>
<p><u>4.3 Revision</u></p>	<p>4.3.1 Revision schedule</p> <p>Data revision schedule is not applicable.</p> <p>4.3.2 Identification of preliminary and/or revised data</p> <p>Preliminary data are not used. Data are final when first released.</p> <p>4.3.3 Dissemination of revision studies and analyses</p> <p>In case of changes in the methodology of calculating indicators or adjustments as to data dissemination etc., the National Bank of Ukraine shall inform State Statistics Service of Ukraine on those changes and publish them on the official website of the National Bank of Ukraine in the “Financial Soundness Indicators” section by link and the “Supervisory Data” section by link.</p> <p>In case of changing the methodology of HPI calculations or date of outputs dissemination the relevant information shall be placed on the official web-site of the State Statistics Service of Ukraine (http://www.ukrstat.gov.ua/).</p>
<p>5. Доступність</p>	
<p><u>5.1 Data</u></p>	<p>5.1.1 Statistical presentation</p> <p>Data is distributed electronically.</p> <p>5.1.2 Dissemination media and format</p> <p><i>On paper – Express issues</i></p>

- *On paper – weekly newsletter*
- *On paper – monthly bulletin*
- *On paper – quarterly bulletin*
- *On paper – other*
- *Electronic form – a newsletter or on-line data*
- *Electronic – Other*

The *Financial soundness indicators* is published quarterly on the official website of the National Bank of Ukraine in Excel format in “Data categories according to SDDS Plus (project)” on “Special Data Dissemination Standard” section [by link](#), in “Financial Soundness Indicators” section [by link](#), and in PDF format is available in the publication Monetary and Financial Statistics in “Publications” section on the official website of the National Bank of Ukraine [by link](#).

Data on HPIs are published in Word and PDF format in the “Report on social and economic situation in Ukraine” in “Statistical information” / “Economic statistics” / “Prices” / “Housing price indices” section and in “Special Data Dissemination Standard IMF” section on the official website of the State Statistics Service of Ukraine (<http://www.ukrstat.gov.ua/>).

5.1.3 Advance release calendar

An Advance Release Calendar is available on the section "Data categories according to SDDS Plus (project)" on the page "Statistics Release Calendars" on the official website of the National Bank of Ukraine [by link](#) and on the official website of the State Statistics Service of Ukraine in “Special Data Dissemination Standard IMF” section (<http://www.ukrstat.gov.ua/>).

5.1.4 Simultaneous release

Data are available to all users and are released according to the release calendar on the page “Data categories according to SDDS Plus (project)/ Financial Soundness Indicators (FSIs), component according to SDDS Plus” on “Special Data Dissemination Standard” section on the official website of the National Bank of Ukraine [by link](#), and in “Special Data Dissemination Standard IMF” section on the official website of the State Statistics Service of Ukraine (<http://www.ukrstat.gov.ua/>).

5.1.5 Dissemination on request

	<p>Data are provided upon request by a contact person.</p> <p>HPI for Ukraine are provided upon users' requests with specifying the number of rooms. Classified information that is used for further calculations of aggregate data is not subject to be provided upon requests.</p>
<p><u>5.2 Metadata accessibility</u></p>	<p>5.2.1 Dissemination of documentation on concepts, scope, classifications, basis of recording, data sources, and statistical techniques</p> <p>Methodological materials are available in “Statistics” section on the official website of the National Bank of Ukraine by link and by link.</p> <p>The methodology on HPIs calculation is provided in the Methodological provisions on organization of statistical observations of price developments in the primary and secondary housing markets and on price indices calculation, which are placed on the official web-site of the State Statistics Service of Ukraine in “Methodology and classifiers” / “Statistical methodology” / “Economic statistics” / “Prices” section at http://www.ukrstat.gov.ua/metod_polog/menu/menu /2 cin.htm.</p> <p>5.2.2 Disseminated level of detail</p> <p>Only consolidated statistical information is subject to dissemination.</p> <p>Data on HPIs for Ukraine broken down by the number of rooms in an apartment are available.</p>
<p><u>5.3 Assistance to users</u></p>	<p>5.3.1 Publicizing contact points</p> <p>Contact person information.</p> <p>Information about other contacts is for financial soundness indicators released on the official website of the National Bank of Ukraine (http://bank.gov.ua/).</p> <p>Information on contact persons on HPI is provided in statistical publications, the catalog of which is posted on the official website of the State Statistics Committee of Ukraine (http://www.ukrstat.gov.ua/) in the section “Publications”.</p> <p>5.3.2 Availability of documents and services catalogs</p> <p>Information on dissemination of documents, publications, and other services is available to all users on the official website of the National Bank of Ukraine (http://bank.gov.ua/).</p> <p>The catalog of official statistical publications of the State Statistics Service of Ukraine is posted on its official web-site (http://www.ukrstat.gov.ua/) in “Publications” section and is available for all users.</p>