Level 3 national report on quality of statistics underlying the MIP indicators

Statistical domain: Housing Price statistics

Country: Latvia

Institution: Central Statistical Bureau of Latvia

Reference year: 2024

Date of update: 03/2025

National report providing information on quality, sources and methods, together with information on the statistical processes used for the compilation of the statistics underlying the MIP indicators (including concrete specifications for housing price statistics) – 2025 update

Reporting institution: Central Statistical Bureau of Latvia

Selected principles					Some specific examples for indicators and related questions (Response options, unless indicated otherwise: not implemented; partially implemented; fully implemented)	Statistical domain specifications
European Code of Practice principles	Public Commitment on European Statistics by the ESCB	Selected elements				
Institutional Environment	*Institutional Environment*	*CoP/PC*	*IMF DQAF*	*SIMS*	*Question(s)*	*LFS*
CoP1 Professional Independence	PC1 Professional Independence	1.1/1.1	1.1.1 1.1.2		The independence of [name of reporting institution], from political and other external interference in developing, producing and disseminating official statistics is guaranteed by law. *Legal basis: Please confirm the independence by referring to the relevant national and EU legal act(s) and the formulation used in the legal act.*	According to the laws of the Republic of Latvia, Cabinet Regulations and the By-Laws of the Central Statistical Bureau, the CSB is a direct administration body subordinated to the Ministry of Economics and acting as the main performer and coordinator of the official statistical work in the country. The CSB is responsible for organization of the statistical work and authenticity of the data it has produced

					The [name of reporting institution] has an annual statistical work programme which is made public. *Statistics work programme: Please confirm the existence of a statistics work programme and specify where to find it (or similar document), if available.*	by summarizing the information obtained from respondents. The Cabinet Regulation No. 732 "By-Laws of the Central Statistical Bureau of Latvia" issued on 27 November 2018 defines general organisational structure, functions, tasks and rights of the CSB. In order to ensure the credibility and quality of the statistics, CSB strives to comply with the European Statistics Code of Practice. Observing the Regulation of the European Parliament and of the Council on European Statistics, including Article 12 about the quality of statistics, CSB prepares quality reports in selected statistical domains in accordance with the European Union requirements. As of December 2016 the CSB is obliged to comply with 393 EU legal acts binding in the field of statistics. National Program of Statistical Information adopted by the Cabinet of Ministers covers also housing price statistics (house price index and owner-occupied housing price index). Program is available in Latvian language on https://likumi.lv/ta/id/357495-noteikumi-par-oficialas-statistikas-programmu-20252027gadam
		1.4/1.5				
CoP2 Mandate for data	PC2 Mandate for data	2.1/2.1	0.1.1	S 7.1	The mandate(s) of the [name of institution(s)] to collect information for the development, production and dissemination	CSB is the main performer and coordinator of the official statistical work in the country including compilation and

Statistical Processes	Statistical Processes	CoP/PC	IMF DQAF	SIMS	Question(s)	LFS
collection	collection				of European Statistics is specified in law. *Allocation of responsibilities: Please explain the allocation of responsibilities in producing the relevant statistics.* *Legal basis: Please confirm the mandate by referring to the relevant legal act(s) and any other kind of formal agreements.*	dissemination of the Latvian house price index. House price index follows definitions and concepts as set out in the Commission Implementing Regulation (EU) 2023/1470 of 17 July 2023 laying down the methodological and technical specifications in accordance with Regulation (EU) 2016/792 of the European Parliament and of the Council as regards the house price index and the owner-occupied housing price index..
CoP6 Impartiality and objectivity	PC6 Impartiality and objectivity	6.6/6.6	1.2.4	S9.1 + S9.2 S.20.1	Advance notice is given on release calendars and on major revisions or changes in methodologies, source data and techniques. *Advance release calendar: Please confirm the existence of an advance release calendar and provide a link to it.* *Revision policy: Please explain succinctly the revision policy and provide a link to material on the revision policy, if existent.*	Quarterly house price index data release calendar is available on the Official statistics portal: https://stat.gov.lv/en/calendar?Dates=%22Next+year%22&Themes=%222366%22&ContentTypes=%22All+formats%22 House price index data are published on the 75th day after the end of the current quarter. Revised data for previous quarter are published together with the provisional data of current quarter.
Statistical Processes	*Statistical Processes*	**CoP/PC**	***IMF DQAF***	***SIMS***	**Question(s)**	**LFS**
CoP7 Sound methodology	PC7 Sound methodology	7.1/7.1	2.1 2.2 2.3	S4.3 S4.4	Please specify the relevant statistical standards to which the statistics abide *Links/references to existing comprehensive methodological documentation on specific aspects of the national sources and methods*	House price index follows definitions and concepts as set out in the Commission Implementing Regulation (EU) 2023/1470 of 17 July 2023 laying down the methodological and technical specifications in accordance with Regulation

					2.4	S4.5 S4.6 S 6 S12.1	*can also be provided*	(EU) 2016/792 of the European Parliament and of the Council as regards the house price index and the owner-occupied housing price index.. HPI is available at the level of detail established by the Regulation. It covers all transactions of residential properties on the territory of the country purchased by households. HPI metadata available on Official statistics portal: https://stat.gov.lv/en/metadata/2561-house-price-index/det
							Please specify adherence or deviations from concepts and rules according to international standards and highlight coverage gaps that are of <u>material relevance</u> for the statistics. Please indicate whether actions to address the deviations and coverage gaps are envisaged.	The house price index covers all transactions of dwellings made by households regardless of its final use. This index covers not only the transactions that are new to the household sector but also all that are traded between households. Index figures for the purchase of new and existing dwellings are compiled on the basis of full transaction prices and dwelling characteristics provided by State Unified Computerised Land Register (Land Register). Transaction prices include the value of land. The house price index is a chain-linked Laspeyres-type price index. House price index data are presented in the form of index numbers (current reference year: 2015) and quarterly growth rates. Land Registry is the main source for the compilation of

Statistical Output	Statistical Output	CoP/PC	IMF DQAF	SIMS	Question(s)	LFS
						weights. Weights reflect structure of the dwelling purchases by households during the previous calendar year.
CoP8 Appropriate Statistical procedures	PC8 Appropriate Statistical procedures	8.2/8.2	3.1 3.3 3.4	S12.1 S21.1 S21.3 S 21.5-6	Please provide a succinct assessment of the robustness of the statistics by elaborating briefly on the relevant sources of information, statistical methods and procedures used across the various frequencies. _Please provide links/references to existing comprehensive methodological documentation on specific aspects of the national statistical procedures. The objective should be to get an overview on how much the statistical output are anchored in actual collected data rather than on estimation methods or similar judgemental inputs._	The administrative data has first to be pre-processed before arriving at a list of transactions that will enter the price index. The pre-processing includes detection of outliers. To get the most comparable data and exclude outliers only transactions within predefined parameters are used. Also manual identification of outliers based on the market situation is used. For quality adjustment hedonic re-pricing method was selected. Individual regression coefficients (model is reviewed annually) were developed for every stratum. A loglinear specification is used in which the logarithm of price is used as dependent variable. Weight figures are annually updated and reflect structure of the dwelling purchases during the previous calendar year. The weights are price–updated to Q4 T-1.
Statistical Output	_Statistical Output_	CoP/PC	_IMF DQAF_	_SIMS_	_Question(s)_	LFS
CoP11 Relevance	PC11 Relevance	11.1-11.3	0.3	S.14	Please specify briefly why the statistics are relevant by referring to the multiple purposes for which the statistics are used at (i) international, (ii) EU and (iii) national level. References to the statistical legislation and other formal or informal commitments could	House price index is of key importance to a wide range of users for macro- and micro-level decision making. House price index is used for the analysis of the housing market dynamics at international, EU and national level.

					be sufficient. In addition, if applicable, the outcome of user consultation processes could also be given.	House price index is one of the European Commission's Macroeconomic Imbalances Procedure headline indicators. Nationally, the house price index responds to the needs of user groups interested in the behaviour of the domestic housing market, including Ministry of Economics, Bank of Latvia, and economic analysts.
CoP12 Accuracy and reliability	PC12 Accuracy and reliability (including stability)	12.1/12.1	3.5	S 15.1 S 15.2 S15.3 S.18.2 S 20.2	The analysis should be based on the following indicators (to be compiled by the ECB/Eurostat on a common data vintage) on the reliability of first releases for the relevant series (selected for their material impact and to avoid compensatory effects in the case of balancing items): - Directional reliability indicators; - Revisions' indicators (e.g. MAPE, MACE or RMSRE depending on the indicator). and provide a succinct assessment of the accuracy and reliability of the statistics on the basis of the results, with an attempt to provide a relative objective measure, explaining also the main reasons for revisions.	The accuracy of the house price index is assured by strictly following Eurostat's methodological recommendations. The Latvian house price index is not subject to sampling error, because index calculation is based on administrative data which cover the universe of dwelling transactions. The house price index data may be subjected to periodic and systematic revisions. Provisional data are published on the 75th day after the end of the current quarter. Revised data for previous quarter are published together with the provisional data of current quarter.
					Please provide a succinct assessment of the level of the statistical discrepancies ("*internal consistency*") focusing on their size and direction (systematic bias).	All data are checked for completeness and consistency with statistical concepts and definitions. Quality control implemented within the house price index production process allows to detect and correct errors in the received

						data file. Outliers are identified applying predefined parameters for each stratum and excluded from the index.
CoP13 Timeliness and punctuality	PC13 Timeliness (including punctuality)	13.1 13.4	4.1	S.16	Please specify the timeliness requirements for international and EU purposes and the national target publication dates. Please specify punctuality defined as deviations in relation to the timeliness requirements and target dates specified above.	At National level, house price indices are disseminated according to the preannounced release schedule. For the EU purposes data are sent for quarterly indices: 85 days after the end of the reference period (indices) and no later than June 15 of the reference year for weights. There is no record of delays in the transmission and dissemination of the data.
CoP14 Coherence and comparability	PC14 Consistency and comparability	14.1/14.1	4.2.1 4.2.2 4.2.3	S17.2 S 18.1	Please provide a succinct assessment of the results of the consistency check of the statistics with other related domains or data sets with which the statistics must show coherence ("*external consistency*"). The results should provide a relative objective measure to facilitate cross-country comparability, e.g. be presented as a ratio of the inconsistency between compared statistics, as a percentage of GDP, where appropriate.	The owner-occupied housing price index may partly overlap the scope of the house price index. House price indices are regularly compared to other sources of information on the housing market development trends (e.g., real estate agencies data). Some data on real estate prices/market overviews are published by real estate agencies but no information available on the methodology and aggregation methods.
					Please provide a succinct assessment of the time consistency, specifying (i) whether the time series presents breaks and if so explaining the reasons for the breaks; (ii) the length of the series for which back data are consistent; and (iii) whether the statistics are consistent across the various frequencies	Data available starting from the first quarter of 2006 for all index series. No breaks in time series recorded.

					(monthly/quarterly/annual) where relevant.	
CoP15 Accessibility and Clarity	PC15 Accessibility and Clarity	15.1/15.1	5.1.1 5.2.1	S9.3 S 11 S12.1	Please provide a brief description of the dissemination policy and dissemination means, including links to the data and respective metadata.	A database with house price index numbers and weights is available on Official statistics portal: https://stat.gov.lv/en/search?Search=%22%22&DataSource=%22data%22&Type=%5B%22other_format%22%2C%22table%22%5D&Themes=%222366%22 Indices are released quarterly. Microdata not disseminated.