



GENERAL METHODOLOGICAL EXPLANATION

Data Publication Section

REVISION OF STATISTICAL DATA



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1 PURPOSE OF STATISTICAL DATA REVISION

The purpose of data revision is to provide users with high-quality statistical data.

2 DEFINITIONS AND EXPLANATIONS

Statistical data are numerical values presenting the size of the observed phenomenon. Due to simplification, further on the term “data” is used.

Statistical information are statistical signs, comments, tables, charts, figures, maps, definitions, methodological explanations and other text explaining the content of statistical data.

Published data are the data that have been disseminated to the public – mostly via the Internet, occasionally also in printed publications, at press conferences etc.

The status of data determines whether the published data are final or provisional and thus subject to revision.

Provisional data are the data that will be subject to planned revision due to the inclusion of a more complete/additional data source or due to seasonal adjustment and/or elimination of calendar effects.

Final data are the data that will not be subject to any planned revision.

Data revision is a statistical process that changes the value of published data.

Experimental statistics are usually newly developed statistics and data that are still being developed and evaluated and have not yet reached full maturity as regards harmonisation, coverage or methodology. New methods or new data sources are also often used.

These methodological explanations do not describe unplanned data revisions due to errors (irregularities in published statistical data and information). Errors are described in the methodological explanations [“Correction of errors in published statistical data and information”](#).

The Statistical Office classifies data revision in relation to planning, time of implementation and purpose.

3 TYPES OF DATA REVISION IN RELATION TO PLANNING

3.1 PLANNED DATA REVISION

A planned data revision is subject to the following reasons:

a) Due to user needs for timely information, data are published as soon as they meet the criteria for the quality of official statistical data, although they do not yet meet the quality that can be achieved by using additional statistical procedures. Therefore, such published data are labelled with the status “provisional data”. Based on more complete or subsequently acquired answers about the phenomenon and/or analyses, these data are then corrected, improved or completed (revised), and are published subsequently with the status label “final data”.

b) Seasonal adjustment and/or elimination of calendar effects.

c) Changes in methodology and classifications.

3.2 UNPLANNED DATA REVISION

An unplanned data revision is not part of the regular statistical process. It occurs due to unpredictable changes in the methodology, unpredictable emergence of new data and data of

higher quality, due to unforeseen changes regarding reporting units that transmit their data to the Statistical Office, unforeseen obstacles in data processing and publishing, and errors in data processing and publishing (e.g. a key unit corrects its data for the past few months; an unforeseen change in the administrative data source).

4 TYPES OF DATA REVISION IN RELATION TO TIME OF IMPLEMENTATION

The reasons for data revision in relation to time of implementation fall into two categories:

- a) **Regular revisions** arise due to the inclusion of a more complete/additional data source or a change in the data source, seasonal adjustment and/or elimination of calendar effects.
- b) **Occasional revisions** are a consequence of the inclusion of a new/more complete/additional data source that becomes the standard in subsequent data releases or is a consequence of an unforeseen obstacle in data processing and publishing, and change in methodology.

5 TYPES OF DATA REVISION IN RELATION TO ITS PURPOSE

The reasons for data revision in relation to its purpose are:

- a) Inclusion of a more complete/additional data source or a change in the data source.
- b) Seasonal adjustment and/or elimination of calendar effects.
- c) Transition to a new base period.
- d) Improvement of methodology due to a change in the statistical method or a change in classifications, concepts and definitions.
- e) Elimination or errors (not errors in the sense of irregularities in publishing statistical data and information, the correction of which is regulated by the Guideline for correction of errors in published statistical data and information at the Statistical Office of the Republic of Slovenia).

6 THE FREQUENCY OF PLANNED DATA REVISIONS

The **frequency of planned data revisions** is balanced with the need to provide top quality data and with the simplicity of use. Data are revised when newer data / data of higher quality can significantly contribute to the quality of data-based decision-making and when due to publication deadlines determined by the European or national legislation or due to unforeseen obstacles in data processing and publication, less accurate data are published on the basis of incomplete coverage.

7 MONITORING THE LONG-TERM EFFECT OF DATA REVISION

To improve the quality, we monitor the long-term effect of data revision and regularly report about it in Chapter “Coherence” of the Quality Reports.

8 INFORMING DATA USERS ABOUT THE FORTHCOMING, PLANNED DATA REVISIONS

Due to the change in methodology or classifications, the planned data revisions are announced to data users in advance, namely in the methodological note that is part of the first release; in the case of planned major revisions, data users are informed in a different way (e.g. Twitter, Facebook).

9 DATA RELEASES

Every publication of statistical data contains information about the status of published data – i.e. whether the data are provisional, final or experimental statistics. Due to the specific character of national and regional accounts, the statuses of published data are not marked (stating “no status”).

The release of provisional data is always followed by the release of final data.

In the SiStat Database, the table title indicates the status of published data. If the status “provisional data” or “experimental statistics” is not given, the data are final. There is also a note under the table containing information about the status of the data (how long the data are considered to be provisional; after this period, the data become final). In the SiStat Database, newer versions of data always replace older ones.

At the first release of provisional data of an individual statistical survey, we also add in the methodological note information on when the provisional or final data from this field will be published next. In the case of experimental statistics, the title of the release clearly states that these are experimental statistics, and the methodological note explains why the data are published as experimental statistics and thus warns users that the quality of published data is still unstable or that we cannot guarantee it yet.

In promotional and occasional releases, we indicate the status of data only if they are provisional. Otherwise the release is marked with "no status".

Methodological explanations for individual statistical surveys contain – in the chapter on publishing and data revision – notes about the policy on publishing provisional data with the following elements: type of data revision in relation to planning, purpose and time of implementation.

In addition to information from the previous paragraph, the chapter “Coherence” in Quality Reports sets out for individual statistical surveys information on coherence between provisional and final data, and the reasons for possible major differences between provisional and final data.

10 STATISTICAL SURVEYS IN WHICH DATA ARE REVISED

List of statistical surveys subject to revision of statistical data (from 1 January 2023)

	Label	Survey
1	DEM-ROJ	Births
2	DEM-UMR	Deaths
3	DEM-PRIZ	Acknowledgment and ascertainment of paternity and adoption of children
4	DEM-POR	Marriages
5	DEM-RAZ	Divorces
6	SEL	Migration
7	ZAP/M	Monthly report on earnings paid by legal persons
8	ZAP-ISD, ZAP-SD	Labour Cost Index, Labour Cost – Annual Estimates
9	ZAP-SP/L	Structure of earnings statistics
10	ZAP-DELURE	Survey on hours worked
11	ESSPROS	European System of Integrated Social Protection Statistics
12	SSP/L	Statistics on the performance of enterprises
13	PROIZ-SK/M	Total market production index
14	SPR-DEM/L	Business demography
15	POSL-P/ČL	Quarterly survey on the performance of business entities
16	R-RD-IZV	Research and development by R&D providers
17	IND/L	Industrial production
18	IND-PN/M	Turnover and stocks in industry
19	E1-EE/L	Electricity and heat production with technical data on energy facilities
20	E-REE	Consumption of electrical energy by end users
21	E11-TG/L	Coal extraction and sale
22	E1-EE/M	Electricity and heat production
23	E5-EED/M	Electric power distribution
24	E6-NAF/M	Production and supply of crude oil, natural gas, petrochemical material, additives and other hydrocarbons
25	E7-NP/M	Production of petroleum products
26	E8-NPT/M	Petroleum products trade
27	E10-TGT/M	Solid fuel trade
28	E11-TG/M	Coal extraction
29	GRAD/M	Construction and new orders
30	GRAD-GD/M	Building permits
31	TRG-D/M	Wholesale
32	TRG/M	Retail trade and repair of motor vehicles
33	STOR/M	Business and other service activities
34	STOR-IO/M	Index of service and trade production
35	KO-TEL/ČL	Electronic communication services
36	KO-TEL/L	Performance of enterprises in the telecommunications sector
37	TR-CES-P/M	Passengers in road public scheduled transport
38	TR-VKM	Road traffic – vehicle kilometres
39	KME-KOK	Agri-environmental indicators
40	ERK	Economic accounts for agriculture
41	KME-BIL-RAST/L	Crop supply balance sheet
42	KME-BIL-ŽIV/L	Animal supply balance sheet

43	KME-JUN	Area sown
44	KME-ZGK-P/L KME-ZGK-K/L	Production of early crops and early fruits and yield forecast of some important late crops
45	KME-POZP-P/L, KME-POZP-K/L	Yield forecast of late crops, late fruit and grapes
46	KME-DEC	Livestock and area sown in autumn sowing
47	KME-ŽIV/L	Animal production
48	KME-ZAKOL/M	Livestock slaughter in slaughterhouses
49	KME-MLEKO	Milk and milk products
50	KME-INPUT/M	Agricultural input prices
51	KME-OPKP/M	Purchase of agricultural products
52	KME-LES/M	Purchase of wood
53	KME-JUNSTRK	Integrated farm statistics