Sri Lanka (LKA)

SDDS - DQAF View

Category: Production index

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H.Header data

H.0.7 Data category notes

[Data category notes]

Index of Industrial Production (IIP)

0. Prerequisites

0.1 Legal environment

0.1.1 Responsibility for collecting, processing, and disseminating statistics

[Laws and administrative arrangements specifying the responsibility for collecting, processing, and disseminating statistics]

The responsibility of collecting processing and disseminating data related to the socio economic condition of the country is entrusted to the Department of Census and Statistics (DCS).

0.1.2 Data sharing and coordination among data producing agencies

[Data sharing and coordination among data producing agencies are adequate.]

Data are not shared by DCS with any other institution including other data producing agencies.

0.1.3 Confidentiality of individual reporters' data

[Measures ensuring individual reporters' data are kept confidential and used for statistical purposes only.]

Statistics Ordinance under which the data collection is done controls the DCS revealing individual (firm level) data

0.1.4 Ensuring statistical reporting

[Legal mandates and/or measures to require or encourage statistical reporting.]

Firms are legally bound to give data to the DCS by statistics ordinance

0.2 Resources

0.2.1 Staff, facilities, computing resources, and financing

[Staff, facilities, computing resources, and financing for statistical programs currently available as well as what would be required for programmed statistical outputs.]

Adequate. Improvements in future by providing training to the staff involved in this

The IIP is compiled using a Microsoft excel based work file using data obtained from Monthly Survey of Industrial Production.

0.2.2 Ensuring efficient use of resources

[Measures implemented to ensure efficient use of resources.]

Initiatives have been taken to do web based data collection.

0.3 Relevance

0.3.1 Monitoring user requirements

[How the relevance and practical utility of existing statistics in meeting users' needs are monitored.]

Discussions with the Central Bank of Sri Lanka, one of the main data user when needs arise

0.4 Quality management

0.4.1 Quality policy

[Processes in place to focus on quality.]

Rechecking of data collected and justifications from the firms if needed.

0.4.2 Quality monitoring

[Processes in place to monitor quality during the planning and implementation of the statistical program]

Comparing with Annual Survey of Industries' output

0.4.3 Quality planning

[Processes in place to deal with quality considerations in planning the statistical program.]

Revising the base year every 05 years.

1. Integrity

1.1 Professionalism

1.1.1 Impartiality of statistics

[Measures to promote impartiality in production of statistics.]

Use of SLSIC the localized version of ISIC rev. 4 for classification of economic activities
Scientific methods used to select the sample
Items baskets based on Annual Survey of Industries 2015

1.1.2 Selection of data sources, methodology, and modes of dissemination

[Selection of data sources, methodology, and modes of dissemination.]

Fixed weight arithmetic mean method and Laspyers Index is used

Published on DCS website

1.1.3 Commenting on erroneous interpretation and misuse of statistics

[Entitlement to, opportunity for, and historical frequency of, comment on erroneous interpretation and misuse of statistics by the appropriate statistical entity.]

The IIP bulletin published on the website is self-explanatory and the results are interpreted in this.

1.2 Transparency

1.2.1 Disclosure of terms and conditions for statistical collection, processing, and dissemination

[Disclosure of terms and conditions for statistical collection, processing, and dissemination.]

The firms are ensured that the individual data will not be published at any instance and the firms are distributed with the IIP quarterly bulletin.

1.2.2 Internal governmental access to statistics prior to release

[Disclosure of Internal governmental access to statistics prior to their release.]

Not discussed to the government prior to release.

1.2.3 Attribution of statistical products

[Identification of statistical agencies/units producing disseminated statistics.]

There is no commentary by government officials on the release of any data by the DCS.

1.2.4 Advance notice of major changes in methodology, source data, and statistical techniques.

[Advance notice of major changes in methodology, source data, and statistical techniques.]

Will be published on the DCS website if needed.

1.3 Ethical standards

1.3.1 Guidelines for staff behavior

[Measures implementing and enforcing guidelines for staff behavior.]

2. Methodology

2.1 Concepts and definitions

2.1.1 Concepts and definitions

[Degree to which the overall structure of concepts and definitions follows internationally accepted standards, guidelines, or good practices.]

International recommendation for index of industrial production 2010 is used to compile IIP.
International Standard Industrial Classification of All economics Activities(ISIC) Revision.4

2.2 Scope

2.2.1 Scope

2.2.1.1 Scope of the data

[Scope of the data.]

Manufacturing Sector (ISIC Rev.4)

2.2.1.2 Exceptions to coverage

[Exceptions to coverage.]

Nil

2.2.1.3 Unrecorded activity

[Unrecorded activity.]

2.3 Classification/sectorization

2.3.1 Classification/sectorization

[Broad consistency of classification/sectorization systems used with internationally accepted standards, guidelines, or good practices.]

Sri Lanka Standard Industrial classification localizing version of ISIC rev 4 is used for classification

2.4 Basis for recording

2.4.1 Valuation

[Types of prices (market, historical, administrative, basic, purchasers', producer, etc.) used to value flows and stocks.]

Industrial production volume is collected

2.4.2 Recording basis

[Degree to which recording meets requirements for accrual accounting.]

2.4.3 Grossing/netting procedures

[Broad consistency of grossing/netting procedures with internationally accepted standards, guidelines, or good practices.]

3. Accuracy and reliability

3.1 Source data

3.1.1 Source data collection programs

[Comprehensiveness of source data from administrative and survey data collection programs, and appropriateness of the collection modality for country-specific conditions.]

Based on Monthly survey of Industrial Production. A sample of 215 establishments from the private sector and the administrative data from the government and semi government industries were covered for data collection.

3.1.2 Source data definitions, scope, sectorization, classifications, valuation, and time of recording

[Degree to which source data approximate definitions, scope, sectorization, classifications, valuation, and time of recording required (as described in 2.1.1-2.4.3).]

3.1.3 Source data timeliness

[Source data timeliness relative to what is required for producing statistical outputs whose timeliness meets applicable data standard (SDDS requirements or GDDS recommendations).]

SDDS - within 06 weeks

3.2 Assessment of source data

3.2.1 Source data assessment

[Routine assessment of source data—including censuses, sample surveys, and administrative records (e.g., for coverage, sample error, response error, and nonsampling error); whether assessment results are monitored; how results are used to guide statistical processes.]

Measures are taken to supervise the data collection if needed and editing.

3.3 Statistical techniques

3.3.1 Source data statistical techniques

[Statistical techniques in data compilation to deal with data sources (e.g., to align them with target concepts from 2.1.1).]

Deadlines for providing the monthly output data for selected firms. Imputation technique is used to fill the non-response data gaps

3.3.2 Other statistical procedures

[Statistical techniques employed in other statistical procedures (e.g., data adjustments and transformations, and statistical analysis).]

Weights used have been calculated based on the Annual Survey of Industries. The data are not seasonally adjusted.

3.4 Data validation

3.4.1 Validation of intermediate results

[Assessment and investigation of statistical discrepancies in intermediate data.]

3.4.2 Assessment of intermediate data

[Assessment and investigation of statistical discrepancies in intermediate data.]

3.4.3 Assessment of discrepancies and other problems in statistical outputs

[Investigation of statistical discrepancies and other potential indicators of problems in statistical outputs.]

3.5 Revision studies

3.5.1 Revision studies and analyses

[Periodicity with which studies and analyses of revisions and/or updates are carried out; whether and how they are used internally to inform statistical processes (see also 4.3.3).]

It is planned to increase the coverage of the index with next revision to the based year.

4. Serviceability

4.1 Periodicity and timeliness

4.1.1 Periodicity

[Periodicity of statistical outputs relative to applicable dissemination standard (SDDS requirement or GDDS recommendation).]

Monthly.

4.1.2 Timeliness

[Timeliness of statistical outputs relative to applicable dissemination standard (SDDS requirement or GDDS recommendation).]

Monthly index is released within six weeks' of the end of each month.

4.2 Consistency

4.2.1 Internal consistency

[Consistency of statistics within the dataset.]

Trend in other key variables such as exports, imports are considered.

4.2.2 Temporal consistency

[Consistency or reconcilability of statistics over a reasonable period of time.]

4.2.3 Intersectoral and cross-domain consistency

[Consistency or reconcilability of statistics with those obtained through other data sources and/or statistical frameworks.]

4.3 Revision

4.3.1 Revision and/or update schedule

[Transparency and regularity of revision/update schedule.]

It is planned to revisit the based year of IIP every 5 years.

4.3.2 Identification of preliminary and/or revised/updated data

[Identification of preliminary and/or revised/updated data.]

Data on the IIP are released on a provisional basis, and revised if necessary, generally annually.

4.3.3 Dissemination of revision studies and analyses

[Dissemination of revision studies and analyses (see also 3.5.1).]

Revised index is released within 10 weeks' of the end of each year.

5. Accessibility

5.1 Data

5.1.1 Statistical presentation

[Statistics are presented in a way that facilitates proper interpretation and meaningful comparisons (layout and clarity of text, tables, and charts).]

Data on the IIP are made available on the web site of the DCS, by way of the Press release, Monthly web release and Quarterly bulletin. Its website http://www.statistics.gov.lk

5.1.2 Dissemination media and format

5.1.2.1 Hard copy - New release

[Hard copy - New release.]

Monthly press release, Monthly web release and Quarterly bulletin

5.1.2.2 Hard copy - Weekly bulletin

[Hard copy - Weekly bulletin.]

Nil

5.1.2.3 Hard copy - Monthly Bulletin

[Hard copy - Monthly Bulletin.]

Nil

5.1.2.4 Hard copy - Quarterly bulletin

[Hard copy - Quarterly bulletin.]

Yes - Quarterly Bulletin

5.1.2.5 Hard copy - Other

[Hard copy - Other.]

Press Release

5.1.2.6 Electronic - On-line bulletin or data

[Electronic - On-line bulletin or data.]

Monthly web released and Quarterly bulletin are on the website of DCS

5.1.2.7 Electronic - Other

[Electronic - Other.]

Nil

5.1.3 Advance release calendar

[Pre-announcement of the release schedule for statistics.]

Included in the DCS advanced data release calendar

5.1.3.1 ARC Note

[ARC Note.]

5.1.4 Simultaneous release

[Degree to which statistics are made available to all users at the same time, and modalities used to achieve this.]

5.1.5 Dissemination on request

[Dissemination on request of unpublished but non-confidential statistics.]

Nil

5.2 Metadata

5.2.1 Dissemination of documentation on concepts, scope, classifications, basis of recording, data sources, and statistical techniques

[Dissemination of documentation on concepts, scope, classifications, basis of recording, data sources, and statistical techniques, including annotation of differences from internationally accepted standards, guidelines.]

Metadata is available on the website

5.2.2 Disseminated level of detail

[Customization of detail and format of tables for the target groups of users.]

Data are released only in aggregated form. Individual data are not shared with any others.

5.3 Assistance to users

5.3.1 Dissemination of information on contact points

[Dissemination of information on contact points for each subject field.]

5.3.2 Availability of documents and services catalogs

[Dissemination of catalogs of publications, documents, and other services, including information on any charges.]

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