



REPUBLIC OF CROATIA
CROATIAN BUREAU OF STATISTICS



QUALITY REPORT FOR STATISTICAL SURVEY

Annual Report on Kindergartens and Other Legal Entities Implementing Preschool Education Programmes (DV-PO), 2021/2022 Pedagogic Year

Organisational unit: Demographic and Social Statistics Directorate, Education, Culture and
Information Society Department

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0. Basic information

- Purpose, goal, and subject of the survey

Kindergartens and other legal entities implementing preschool education by type of programme, founder, language in which the preschool programme is conducted; children by sex and age, by time spent in day-care, children who are residents of foreign countries; children in nurseries, children with developmental difficulties; education groups, nutrition, employment status of parent/guardian, preschool institutions, employed persons by sex, expertise, educational attainment, type and FTE, kindergarten teachers and teachers by age groups

- Reference period

Calendar year

- Legal acts and other agreements

Legal acts that determine liability and authorisation of the Croatian Bureau of Statistics related to collection, processing and dissemination of statistics are the following:

- Relevant national standards: Preschool Education Act (OG, Nos 10/97 and 107/07), Official Statistics Act (OG, Nos 103/03, 75/09, 59/12, 12/13 and 25/20 – consolidated text), Decision on the National Classification of Activities – NKD 2007 (OG, No. 58/07), Ordinance on the Classification of Business Entities According to the National Classification of Activities – NKD 2007 (OG, No. 80/07), Register of Spatial Units – RPJ (codes of cities/municipalities, settlements), Ordinance on Register of Spatial Units (OG, No. 37/08), National Standard Classification of Education – NSKO (OG, No. 105/01)
- Relevant international standards: International Standard Classification of Education (ISCED-97), UNESCO Document BPE 98/WS/1, Instructions on Use of Letter and Numeric Codes of Countries and Currencies in International Payment Transactions, ISO 3166 and ISO 4217 (OG, Nos 99/03 and 104/03).

- Classification system

International Standard Classification of Education, Codebook of Countries

- Concepts and definitions

Data are the result of statistical data processing collected through the Annual Report on Kindergartens and Other Legal Entities Implementing Preschool Education Programmes (DV-PO form) from self-contained kindergartens, kindergartens with departments, departments and other legal entities (basic schools, playrooms in libraries and other health, social, sports and cultural institutions and organisations implementing preschool education programmes) in the Republic of Croatia active in the 2021/2022 pedagogic year, and refer to 31 October 2021. Definitions of preschool education and care programmes intended for preschool children are implemented in nursery and kindergarten groups in kindergarten, irrespective of the founder, and can be classified as follows: regular programmes, preschool programme and shorter programmes. Preschool education programmes (not kindergartens) in other legal entities are realised in basic schools, in health institutions caring for children with developmental difficulties, in social institutions caring for children with developmental difficulties, as playrooms in libraries, shorter programmes in cultural institutions and shorter programmes in different organisations. All preschool education programmes must be verified by the Ministry of Science and Education; they are organised as constitutional units of the legal entities in question and fulfil all conditions required for work with preschool children. Kindergartens are public institutions that provide preschool education as a public service. Kindergarten can be established by the Republic of Croatia and local government units (state-owned kindergarten), religious communities (kindergartens established by religious communities) and other domestic legal entities and natural persons (private kindergartens). Departments are dislocated parts of a central kindergarten, which include one or more education groups established by kindergartens as required.

Preschool upbringing in kindergartens covers children of six months of age until school age. Preschool education conducted in kindergartens and other legal entities for children over three years of age in the Republic of Croatia corresponds to the level 0 of the National Standard Classification of Education (NSKO) and the International Standard Classification of Education (ISCED 2011). Preschool programme provides for children aged six years who do not attend a regular preschool education programme as a preparation for school. Shorter programmes include various contents (foreign languages, religious education, sport groups, dancing, musical or art classes etc.), which children attend for few hours per week or month.

- **Statistical units**

Kindergartens and other legal entities implementing preschool education programmes

- **Statistical population**

Statistical population includes all legal entities that implemented preschool education programmes. All preschool education programmes must be verified by the Ministry of Science and Education; they are organised as constitutional units of the legal entities in question and fulfil all conditions required for work with preschool children.

1. Relevance

1.1. Data users

Data users are:

- internal users: demographic and national accounts departments
- external users: Ministry of Science and Education – local and regional government and self-government units, Eurostat – researchers or independent researchers.

1.1.1. User needs

Users frequently require more detailed data.

1.1.2. User satisfaction

The first user satisfaction survey of the Croatian Bureau of Statistics was conducted in 2013, the second one in 2015, and the last one at the end of 2022. The survey results can be checked on the website of the Croatian Bureau of Statistics <https://dzs.gov.hr/highlighted-themes/quality/user-satisfactionsurveys/686>

1.2. Completeness

The survey has been conducted in the Croatian Bureau of Statistics and it is harmonised with the national legislation.

1.2.1. Data completeness rate

The indicator is not computed.

2. Accuracy and reliability

2.1. Sampling error

Not applicable (the survey is not based on the sample).

2.1.1. Sampling error indicators

The indicator is not applicable.

2.2. Non-sampling error

Not applicable.

2.2.1. Coverage error

Not applicable.

2.2.2. Over-coverage rate

The indicator is not applicable.

2.2.3. Measurement errors

A treatment includes data verification, while errors that emerged are checked by phone with reporting units before correction.

2.2.4. Non-response errors

Reporting units are contacted by phone when necessary.

2.2.5. Unit non-response rate

The indicator is not applicable.

2.2.6. Item non-response rate

The indicator is not applicable.

2.2.7. Processing errors

Data that have been incorrectly entered either by the reporting unit or during data processing are verified and corrected (if necessary).

2.2.8. Imputation rate

The indicator is not applicable.

2.2.9. Model assumption error

Not applicable.

2.3. Data revision

2.3.1. Data revision – policy

The users of statistical data are informed about revision (preliminary, final data) on the website of the Croatian Bureau of Statistics.

2.3.2. Data revision – practice

Provisional figures are not published in this survey and therefore regular revisions are not planned.

2.3.3. Data revision – average size

The indicator is not applicable.

2.4. Seasonal adjustment

Not applicable.

3. Timeliness and punctuality

3.1. Timeliness

July for a current pedagogic year: T + 9

3.1.1. Timeliness – first results

The indicator is not applicable.

3.1.2. Timeliness – final results

Time lag of final results is: T + 9

3.2. Punctuality

The data were released in July instead in June due to technical difficulties.

3.2.1. Punctuality – delivery and publication

Delivery and publication is: 0

4. Accessibility and clarity

The media used in data dissemination in the survey on kindergartens and other legal entities implementing preschool education programmes are the following:

- for printed publications – the First Release and Statistical Reports
- website of the Croatian Bureau of Statistics – electronic versions of the First Release and Statistical Reports.

4.1. News release

Survey data are released in the First Release OBR-2022-1-1 Kindergartens and Other Legal Entities Implementing Preschool Education Programmes, Beginning of 2021/2022 Pedagogic Year

4.2. Online database

Not applicable.

4.3. Microdata access

Conditions under which certain users can have access to microdata are regulated by the Ordinance on the Conditions and Manner of Use of Statistical Data for Scientific Purposes.

4.4. Documentation on methodology

Methodological documents are available in printed form of the First Release and the Statistical Reports, as well as in electronic version on the website of the Croatian Bureau of Statistics.

5. Coherence and comparability

5.1. Asymmetry for mirror flows statistics

Not applicable.

5.2. Comparability over time

Data are comparable to those from previous years.

5.2.1. Length of comparable time series

The indicator is not applicable.

5.2.2. Reasons for break in time series

There is no break in time series.

5.3. Coherence – short-term and structural data

The indicator is not computed.

5.4. Coherence – national accounts

The indicator is not computed.

5.5. Coherence – administrative sources

The indicator is not computed.

6. Cost and burden

6.1. Cost

Costs are associated with data production through material costs and employees' incomes (earnings etc.).

6.2. Burden

The burden with this survey is minimal.