Statistics on children: assessing the quality of administrative data

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Expert meeting on statistics on children

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New version of the Law “On state statistics”

✓ **right** of statistical authorities:

“...to use information resources, databases of government bodies and other organizations free of charge, and also have remote access to them...”

✓ **duty** of data providers:

“...to ensure the composition, structure and level of detail of the administrative data they receive necessary for the compilation of official statistical information...”

➢ **Priority is given to the use of administrative data**

➢ **Quality management of administrative data is ensured**
Providers of administrative data on children

- ✔ Ministry of Education
- ✔ Ministry of Health
- ✔ Ministry of Labor and Social Protection
- ✔ Ministry of Internal Affairs
- ✔ Supreme Court

Experimental assessment of the quality of administrative data
Experimental quality assessment of administrative data related to children

- Completing a questionnaire to assess the quality of administrative data
- Conducting an assessment of their collection and processing jointly with the administrative data provider
- Comparing administrative data with the results of state statistical observations
Assessment of dataset on children in alternative care

- The process of obtaining data is regulated
- Terms and definitions are documented
- Compliance with classification criteria
- Identical identifiers of observation unit
- Logical, arithmetic, completeness controls
- Errors are not systemic, they are edited by data provider
- The data provider is interested in data quality

➢ Digitization of the results obtained
➢ Conformity ranking
➢ Improving processes and procedures
Assessment of collection and processing processes of administrative data provider

- Legal basis for data collection ensured
- Instructional documentation available
- Data presentation formats approved
- Arithmetic and logical controls
- Data disaggregation by territory, gender, age

Information and analytical systems:
- "Electronic education"
- "Registration of preschool institutions"

Software products:
- "Alternative care facilities"

Personalized registration:
- "Republican data bank on orphans and children left without parental care"
- “Database on children with special developmental needs who need special education”
Register systems of information and educational environment
Comparison with Census data

<table>
<thead>
<tr>
<th>Administrative data: Children in alternative care</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>in boarding schools for orphans and children left without parental care</td>
<td>in boarding houses for disabled children</td>
</tr>
<tr>
<td>(according to the Ministry of Education)</td>
<td>(according to the Ministry of Labour and Social Protection)</td>
</tr>
<tr>
<td>(as of September 1, 2019)</td>
<td>(at the end of 2019)</td>
</tr>
<tr>
<td>Total children</td>
<td>130</td>
</tr>
<tr>
<td>boys</td>
<td>94</td>
</tr>
<tr>
<td>girls</td>
<td>36</td>
</tr>
<tr>
<td>Population Census: Population aged 0-17 living in</td>
<td></td>
</tr>
<tr>
<td>boarding schools for orphans and children left without parental care</td>
<td>boarding homes for disabled children</td>
</tr>
<tr>
<td>(as of October 4, 2019)</td>
<td>(as of October 4, 2019)</td>
</tr>
<tr>
<td>Total children</td>
<td>127</td>
</tr>
<tr>
<td>boys</td>
<td>90</td>
</tr>
<tr>
<td>girls</td>
<td>37</td>
</tr>
</tbody>
</table>
## Comparison with MICS 6 data

<table>
<thead>
<tr>
<th>Administrative data of the Ministry of Education</th>
<th>MICS6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name indicator</td>
<td>Value, %</td>
</tr>
<tr>
<td>Admission of children in primary school</td>
<td>75.1</td>
</tr>
</tbody>
</table>

**Methodology:**
The ratio of the number of students aged 6 years in the 1st grade to the population at the age of 6 years, expressed as a percentage

**Methodology:**
Percentage of children of primary school entry age who are currently attending first grade
Next steps

- Approval of data quality management methodology
- Assessment of the quality of all administrative data sets
- Ranking of datasets and metadata according to quality criteria
- Improvement processes and procedures for working with administrative data and providers
THANK YOU FOR YOUR ATTENTION!