



**NATIONAL STATISTICAL COMMITTEE
OF THE REPUBLIC OF BELARUS**

Statistics on children: assessing the quality of administrative data

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Expert meeting on statistics on children

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Improving the work of statistical bodies with administrative data

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:

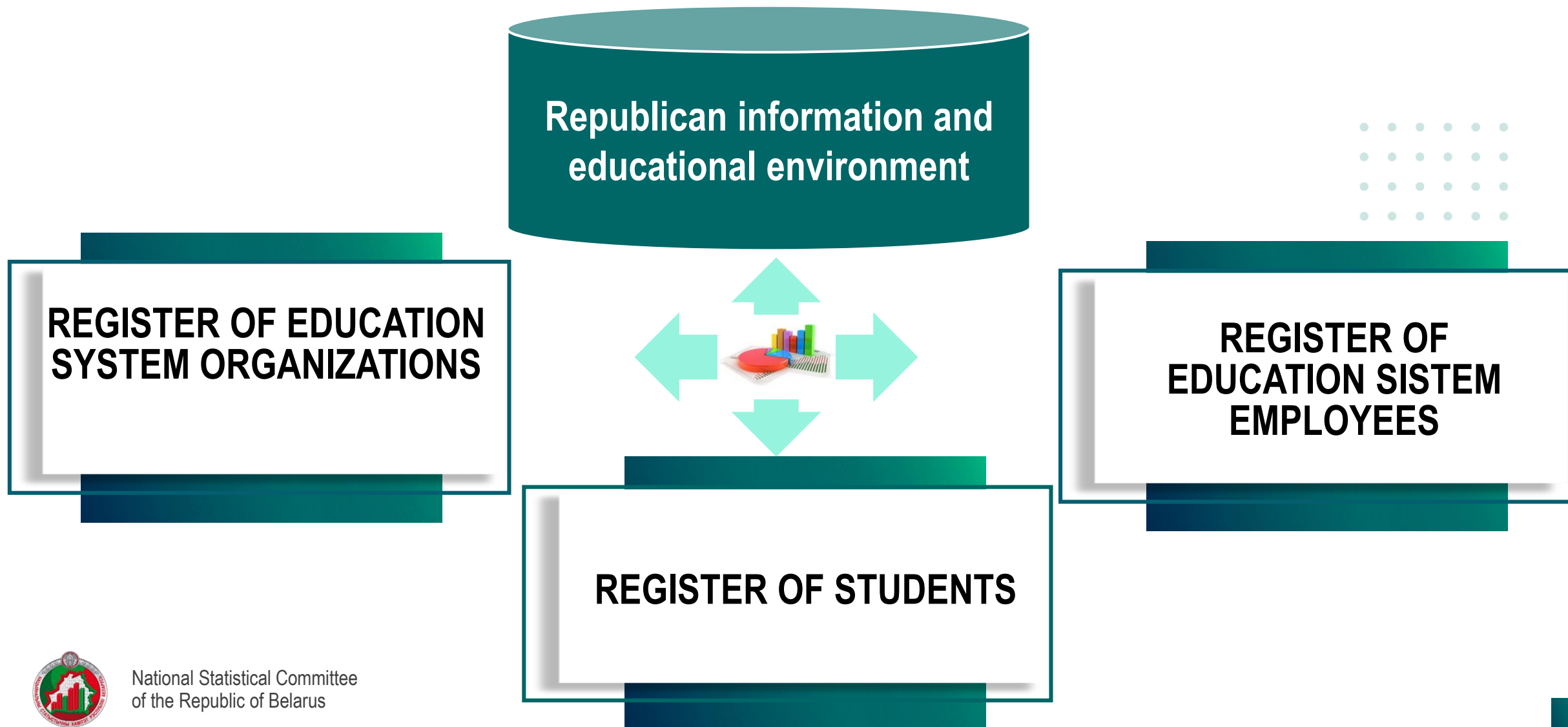
- "Alternative care facilities"

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

Administrative data: Children in alternative care		
	in boarding schools for orphans and children left without parental care (according to the Ministry of Education) (as of September 1, 2019)	in boarding houses for disabled children (according to the Ministry of Labour and Social Protection) (at the end of 2019)
Total children	130	551
boys	94	356
girls	36	195
Population Census: Population aged 0-17 living in		
	boarding schools for orphans and children left without parental care (as of October 4, 2019)	boarding homes for disabled children (as of October 4, 2019)
Total children	127	549
boys	90	352
girls	37	197



Comparison with MICS 6 data

Administrative data of the Ministry of Education		MICS6	
Name indicator	Value, %	Name indicator	Value, %
Admission of children in primary school	75.1	Admission of children in primary school	75.0
<u>Methodology:</u> 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		<u>Methodology:</u> 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!



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