

NATIONAL EXPERIENCE IN IMPLEMENTING SDMX AND USING SDGs DATA LAB

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Main stages of SDMX implementation:

- Creation of the National Reporting Platform for SDGs based on the national data structures implemented according to the SDMX principle;
- Pilot exchange with the International Labour Organisation;
- Uploading global DSDs for SDG indicators;
- Data transmission to SDGs Data Lab;
- API-related enhancement of the National Reporting Platform for SDGs.

Stage I – creation of the National Reporting Platform for SDGs with national data structures

Taken into account:



International recommendations



Best practices of SDG data collection and dissemination



SDMX – Statistical Data and Metadata eXchange standard



Issues of concern:



Global DSDs for SDG indicators missing



Uploading of national data structures implemented according to the SDMX principle

<http://sdgplatform.belstat.gov.by/>

Stage II – pilot data exchange with the ILO in the SDMX format



1)



Belstat

Transmission of national data sets



ILO

adjustment of national data sets in compliance with global DSDs for SDG indicators



2)



Belstat

Fine-tuning of national data sets taking into account adjustments



ILO

Confirmation of their compliance

Stage III – uploading of global DSDs for SDG indicators

✓ Experience of data exchange with the ILO



↔ fine-tuning

✓ Developed global DSDs available

Goal 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

← End poverty in all its forms everywhere →

Target Global indicators

National indicators
 International dataset

Target	Global indicators
1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day	1.1.1 Proportion of population living below the international poverty line by sex, age, employment status and geographical location (urban/rural)
	1.1.1.SI_POV_DAY1 Proportion of population below international poverty line (%) 1.1.1.SI_POV_EMP1 Employed population below international poverty line, by sex and age (%)
	<input type="button" value="To indicator →"/>
	<input type="button" value="To indicator →"/>

↔ 520 data sets uploaded

<http://sdgplatform.belstat.gov.by/>

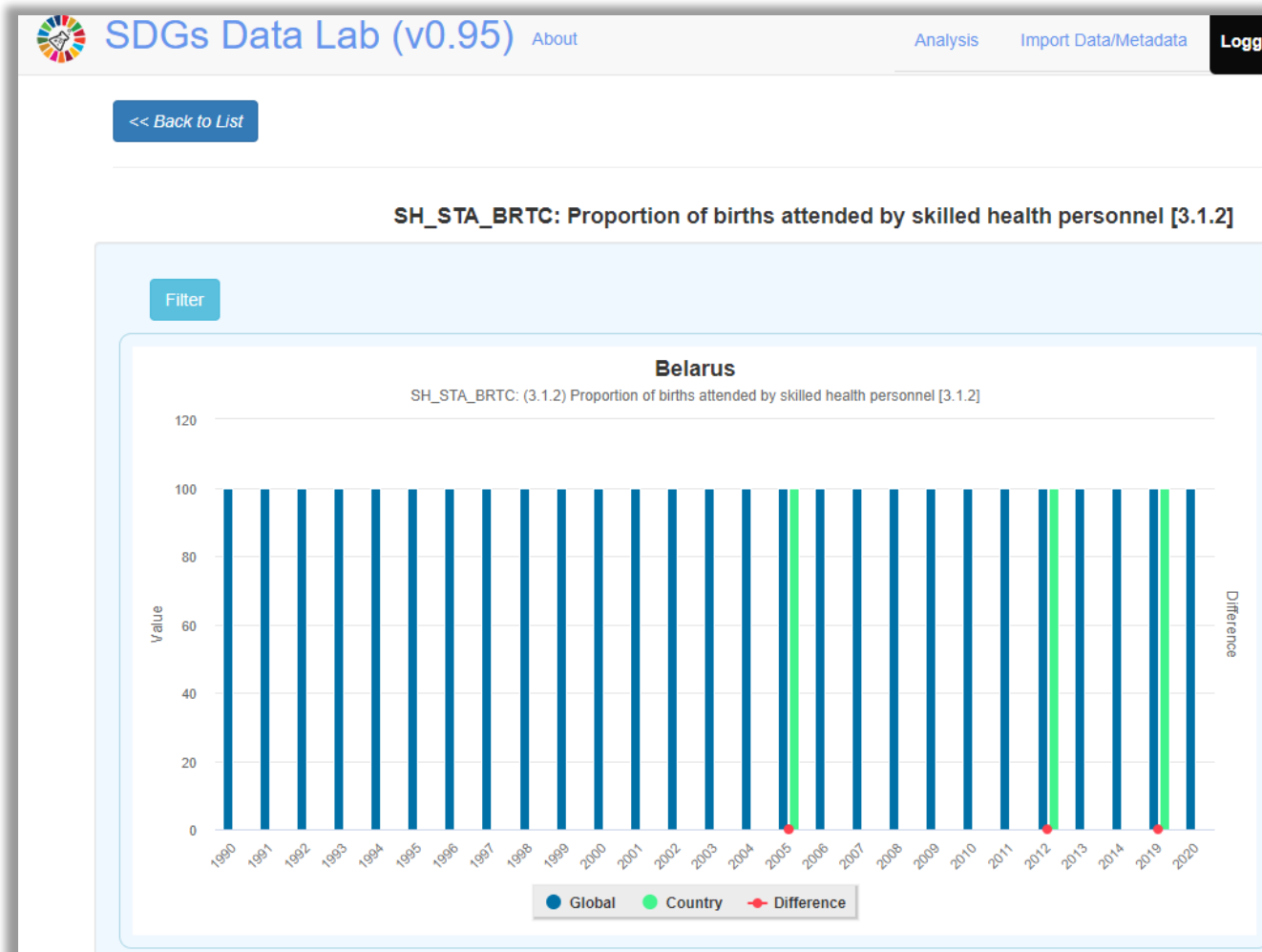
SDGs Data Lab



Transmission of national data sets



Belstat



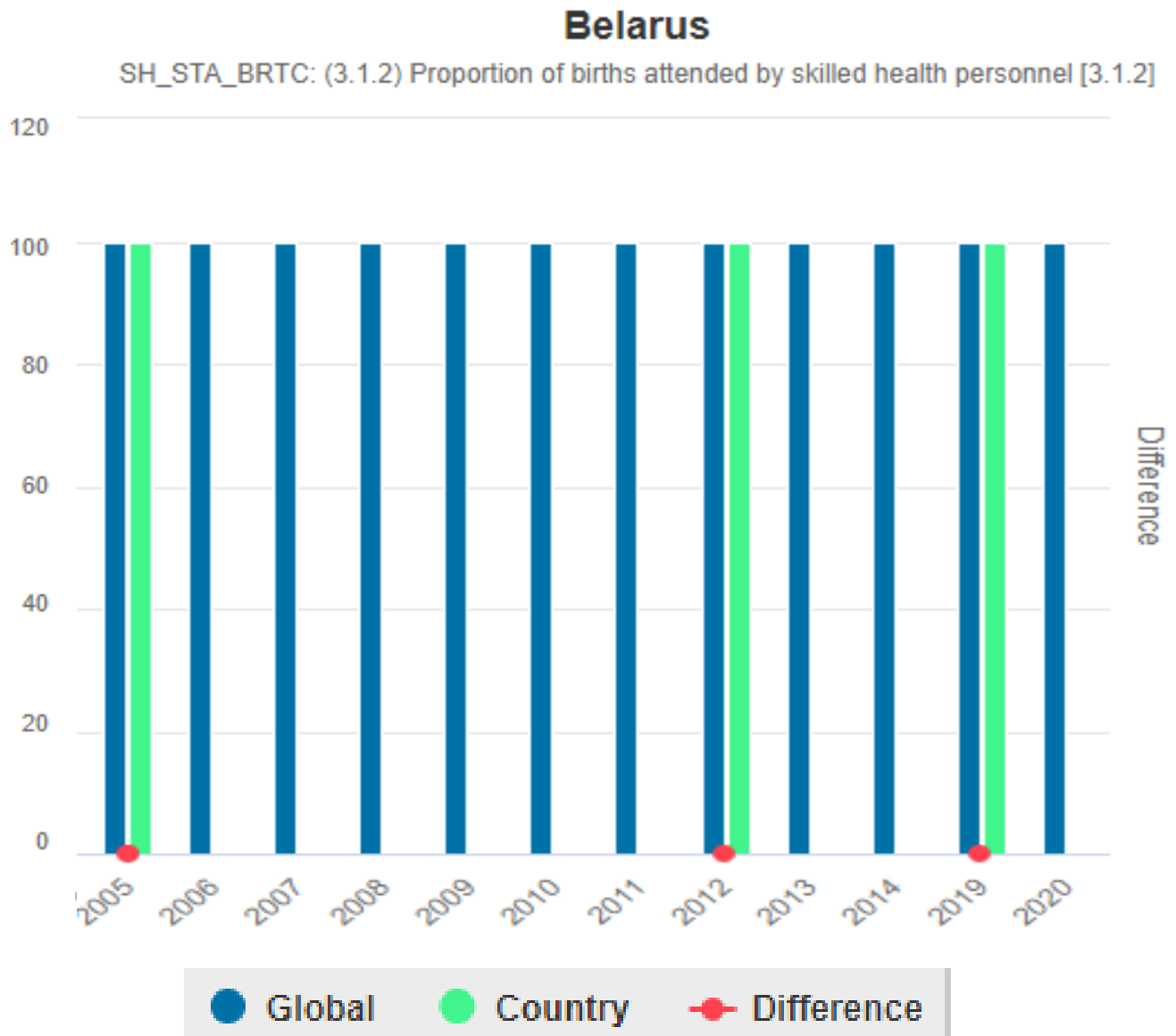
Transmission of data sets



Custodian agencies

Benefits of SDGs Data Lab

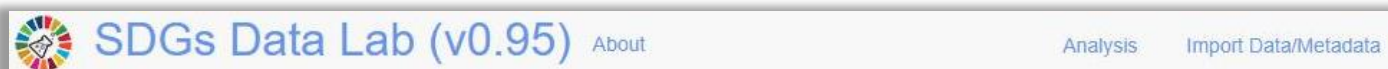
- Ensures simultaneous access to national and global data and metadata
- Allows for comparative analysis and identifying of discrepancies between national and global data
- Ultimately, aims at the comparability of indicators at the global level



Issues of concern

3.2.1.SH_DYN_MORT

SDG Lab



There were some errors, please review this file : Error list

unstats.un.org/SDGLab/Import/DisplayContentOfErrorOrWarningFile?fileName=20230331_162506_Errors.txt

```
Error : ERR : SH_DYN_MORT : Return the following ERROR : Object reference not set to an instance of an object.
Error : ERR : SH_DYN_MORT : Return the following ERROR : Object reference not set to an instance of an object.
Error : ERR : SH_DYN_MORT : Return the following ERROR : Object reference not set to an instance of an object.
```

SDG Global Database (unstats.un.org)

Indicator 3.2.1, Series : Under-five mortality rate, by sex (deaths per 1,000 live births) SH_DYN_MORT

Disaggregated by Age Sex

[Go to Metadata](#) [Select years to hide](#)

Country	Age	Sex	2015	2016	2017	2018	2019	2020	2021
Belarus	<5Y	BOTHSEX	4.1 ^E	3.9 ^E	3.6 ^E	3.4 ^E	3.1 ^E	2.9 ^E	2.7 ^E
Belarus	<5Y	FEMALE	3.6 ^E	3.4 ^E	3.2 ^E	2.9 ^E	2.7 ^E	2.6 ^E	2.4 ^E
Belarus	<5Y	MALE	4.6 ^E	4.3 ^E	4.1 ^E	3.8 ^E	3.5 ^E	3.3 ^E	3 ^E

SDMX WEB Service (data.un.org)

UNdata A world of information

SDMX Web Service Powered by SDMX Reference Infrastructure

Criteria View Results

Download: [HTML] [SDMX-ML] [XLS] [PDF]

Drag & drop the yellow background blocks to corresponding X, Y and Z axis. The Z axis is for the components used for filtering the visible data, the X axis is for the horizontal components used for creating the header of the table, while Y axis is for the components used as first columns. Use the Apply button to confirm any changes, Cancel to revert them.

Slice (Z-axis):

FREQ REPORTING_TYPE SERIES REF_AREA SEX AGE URBANISATION INCOME_WEALTH_QUANTILE EDUCATION_LEV OCCUPATION CUST_BREAKDOWN COMPOSITE_BREAKDOWN

DISABILITY_STATUS ACTIVITY PRODUCT TIME_PERIOD

Frequency of observation [A] - Annual
 Reporting type [G] - Global
 SDG Series [SH_DYN_MORT] - Under-five mortality rate [3.2.1]
 Reference area [112] - Belarus
 Sex [_T] - Both sexes or no breakdown by sex
 Age [Y0T4] - under 5 years old
 Degree of urbanisation [_T] - Total
 Income or wealth quantile [_T] - Total (national average) or no breakdown
 Education level [_T] - Total or no breakdown by education level
 Occupation [_T] - All occupations or no breakdown by Occupation
 Custom Breakdown [_T] - No breakdown
 Composite breakdown [_T] - No breakdown
 Disability status [_T] - No breakdown
 Economic activity [_T] - No breakdown
 Type of product [_T] - No breakdown
 Time period [2015]

Horizontal (X-axis):

Vertical (Y-axis): 4.1

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SDMX User Forum



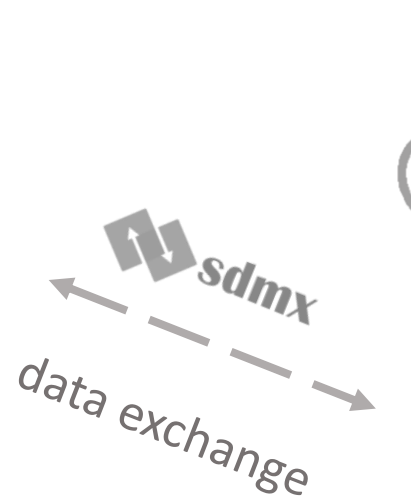
<https://www.yammer.com/unstats/>



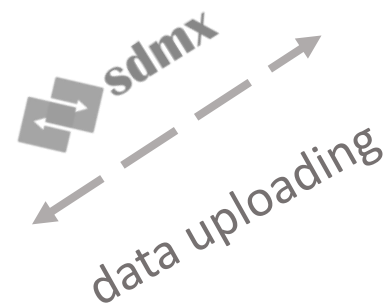
API interface



Custodian agencies



Platform



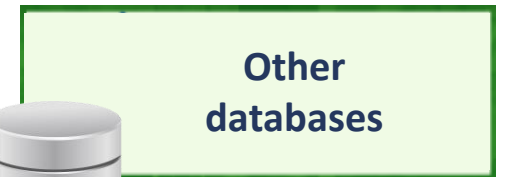
SDGs Data Lab (v0.95)



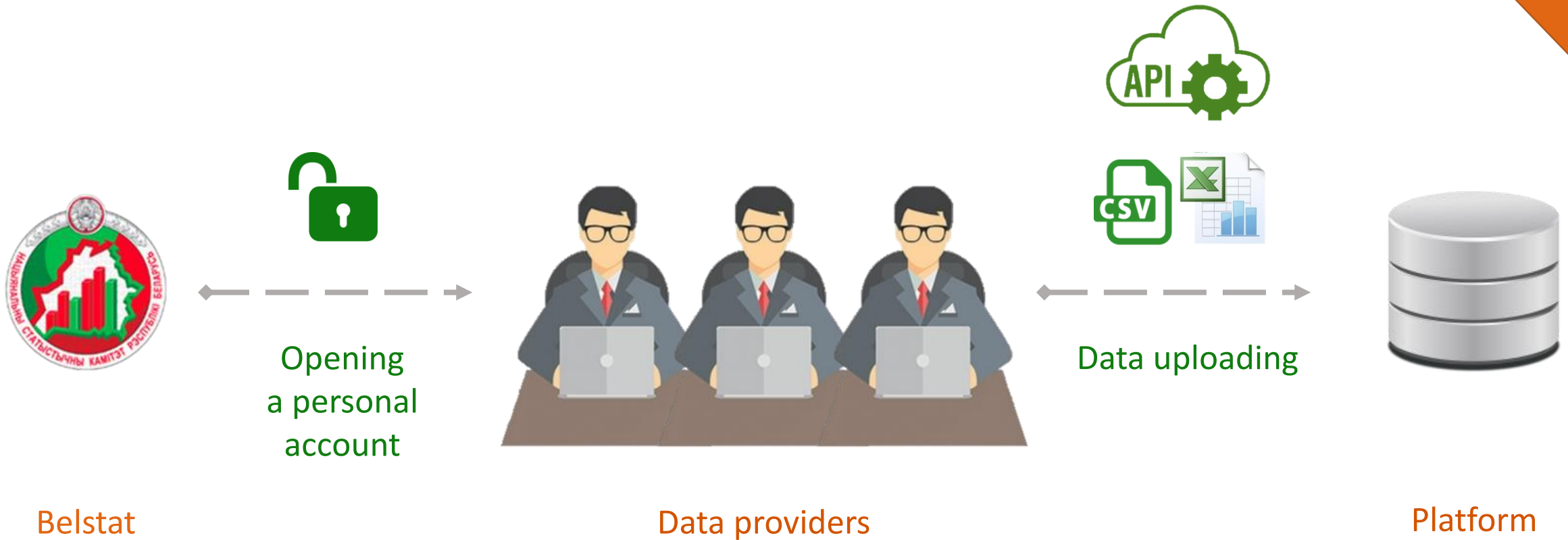
<http://gender.belstat.gov.by/home/>



<http://www.childrenportal.belstat.gov.by/#/main>



Optimising data flows at the national level





THANK YOU

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<https://www.belstat.gov.by/en>



<http://sdgplatform.belstat.gov.by>



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