



Standardized European Diabetes Reports

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Definition

A “template” is a document or file having a preset format, used as a starting point for a particular application so that the format does not have to be recreated each time it is used



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The objective of WP7

To select an initial set of indicators from those defined in WP2 (clinical review) and to define how results for these will be reported, displayed, and explained.



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BIRO-users

- The report templates should satisfy the need for different types of audience
 - Governance
 - Health care and research
 - People, with or without diabetes

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Assigned priority and feasibility for each indicator

Priority: “How important is it to include the selected data item”

- Priority scale: subjective, consensus based
- 1=High, 2=Intermediate, 3=Low

Feasibility: “How feasible is it to collect the selected data item”

- Feasibility Scale: subjective, consensus based
- A=High, B=Intermediate, C=Low

Example

1) Demographic characteristics	Priority Level	Feasibility	Strata
a) Age (Classes)	1	A	X
b) Gender	1	A	X
c) Ethnicity	2	C	
d) Education	2	C	
e) Employment status	2	C	

Strata: “Indicates whether or not the data item should be stratified for output”

BIRO consortium decision: Only data items and indicators with high priority (1) and high feasibility (A) will be included in the further reports template.

Stratification factors and units for each indicator

2. Clinical characteristics		
2.2.1 Obesity		
2.2.1.1 Weight	kg	(Gender x Age x Type of diabetes)
2.2.1.2 BMI	Kg/m ²	(Gender x Age x Type of diabetes)

Indicators and statistical output for each BIRO-user

Governance

Indicator	Planned statistical outputs
1. Demographic characteristics	
1.1 Age (Classes)	Table, <u>histogram</u>
1.2 Gender	Table, <u>histogram</u>
2. Clinical characteristics	
2.1 Diabetes status	
2.1.1 Type of diabetes	Table, <u>histogram</u>
2.1.2 Duration of diabetes	<u>Table</u> , <u>histogram</u>
2.2 Risk factors for diab. complications	
2.2.1 Obesity	
2.2.1.1 Weight	Table, <u>lines</u>
2.2.1.2 BMI	Table, <u>lines</u>

Underlined
preferred
output

Different
output
according
to target
audience

Health care and research

Indicator	Planned statistical outputs
1. Demographic characteristics	
1.1 Age (Classes)	Table, <u>histogram</u>
1.2 Gender	Table, <u>histogram</u>
2. Clinical characteristics	
2.1 Diabetes status	
2.1.1 Type of diabetes	Table, <u>histogram</u>
2.1.2 Duration of diabetes	<u>Table</u> , <u>histogram</u>
2.2 Risk factors for diab. complications	
2.2.1 Obesity	
2.2.1.1 Weight	Table, lines, starplot, <u>boxplot</u>
2.2.1.2 BMI	Table, lines, starplot, <u>boxplot</u>



Final BIRO Report Indicators

- Demographic Characteristics (N=2)
- Clinical Characteristics (N=18)
- Health System (N=21)
- Population (N=3)
- Risk Adjusted (N=28)
 - Epidemiology (N=2)
 - Process Quality (N=16)
 - Intermediate Outcomes (N=7)
 - Terminal Outcomes (N=3)

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HTML-codes

- HTML-codes for the statistical engine output (WP 8) were written based on the information in WP7.
- All the codes are included in the WP7 appendix.

The EUBIRD logo consists of the text "EUBIRD" in a bold, yellow font with a blue outline, set against a green background. A small globe icon is positioned between the "I" and "R".

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Conclusions (1)

- The BIRO project has identified an ad hoc reports template including N=72 data items and indicators
- Precise characteristics are assigned to identify strata to be used for tabular and graphical outputs
- Targeted audiences have different statistical outputs assigned to visualize results
- The reports template is the basis for development of a regular update of the statistical engine

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Conclusions (2)

- The reports template serves as a recipe for the publication of diabetes indicators by the BIRO Consortium, providing the flexibility required to undertake a potential update in the further development of BIRO and EUBIROD

Bergen

