

TWINNING CONTRACT

2023/447-234



EU for Further Development of Statistics System in BiH



MISSION REPORT

Activity 1.2C: Section K variables developed

Mission carried out by

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10-13 March 2026

Version: Final

EU FOR FURTHER DEVELOPMENT OF STATISTICS SYSTEM IN BIH



Funded by
the European Union



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List of Abbreviations

BHAS	Agency for Statistics of Bosnia and Herzegovina
BiH	Bosnia and Herzegovina
CBBH	Central Bank of Bosnia and Herzegovina
EC	European Commission
EU	European Union
FBiH	Federation of Bosnia and Herzegovina
FIS	Institute for Statistics of the Federation of Bosnia and Herzegovina
MS	EU Member State
RSIS	Institute for Statistics of Republika Srpska
RTA	Resident Twinning Adviser
ToR	Terms of Reference



Executive Summary

During the mission discussions about some special units in BiH were conducted and resulted in a few recommendations on altering NACE or institutional sector in agreement with other interested parties.

The main focus of the mission was, however, to validate the formulas used for the variables included for the Section K in the EBS regulation. The validation was made based on the SBS manual of December 2024. Overall, the consultants find the formulas well founded and composed. The most difficult definitions are from the value of output for the respective NACE divisions. However, only a few recommendations have been made for adding or deleting items from the formulas.

1. General comments

This mission report was prepared within the EU Twinning Project "Further Development of the Statistics System in Bosnia and Herzegovina". It was the fourth mission to be devoted to the Project Component 1 – Business Statistics, Subcomponent 1.2 - Structural Business Statistics.

The purposes of the mission were:

- Analyses of formulas for the calculation of variables for Section K
- Consultation on the coverage of special units in Section K

The consultants would like to express many thanks to all officials and individuals from Bosnia and Herzegovina whom they met, for their kind support and valuable information, which highly facilitated the work of the consultants.

The views and observations stated in this report are those of the consultants and do not necessarily correspond to the views of EU, BHAS, FIS, RSIS, CBBH, Statistics Denmark, Statistics Finland, Statistical Office of the Republic of Slovenia, The Italian National Institute of Statistics and Statistics Sweden.

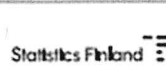
2. Assessment and results

The consultants from Statistics Sweden presented how they work with and compile data for SBS Section K and also coverage of enterprises included in this section. The BiH experts presented and explained how certain "special units" in section K operate in BiH and the difficulties and issues they cause in the calculations.

Further, the consultants and the BiH experts discussed the construction of the Enterprise concept and how it is dependent on the quality in the Statistical Business Register (SBR) and the Business Group register. The Large Case Unit of Statistics Sweden contributes with insight and profiling of the largest enterprise groups in Sweden and on that knowledge consolidation shares are calculated. All other enterprise groups are profiled automatically based on structures in the Business Group register. All consolidation is carried out by the SBS team.

The main focus on the mission was, however, to discuss and validate the formulas used for the Section K. The BiH experts shared documents for the consultants to evaluate, and on which all discussions were based. The consultants based their validation on the SBS manual of December 2024.

In the Chapter 3 below the conclusions and the recommendation of the mission are presented divided by topic/NACE.



3. Conclusions and recommendations

Regarding the special units it was agreed that some of them should not be included in the Section K for SBS since they do not fulfil the requirement of a market producer according to the EBS regulation. It was agreed that NACE 64.11 should only include the central bank and no other enterprises. It was proposed that the statistical NACE might be altered for some organisations, but such a decision must be made in agreement with all involved parties (e.g. National Accounts, SBR and the organisation itself).

The recommendation of the consultants is to consider altering institutional sector, or NACE, for the special units, in agreement with all involved parties.

For the formulas of the variables of the Section K, one difficulty is that the annual data on which the calculations are made are different between RSIS and FIS and an agreement on how to calculate each variable for each NACE must be made.

Variables are listed below, in both text and with variable number, in brackets the variable number according to the EBS-regulation implemented as of reference year 2021.

NACE 64.11

The proposed formulas for all variables were approved by the consultants.

NACE 64.19 and 64.9

The formulas for net turnover, variable 12110, (250101) were approved by the consultants.

After discussion the recommendation of the consultants for the formulas for value of output, variable 12120, (250301), is to add row number AOP242 to the formula for FBiH, and for RS add row number AOP243 to the formula.

All other formulas were approved by the consultants.

NACE 64.2 and 64.3

For net turnover, variable 12110, (250101) the recommendation of the consultants after a discussion is to remove row numbers AOP216 and AOP217 from the formula for FBiH and to change the formula for RS from row AOP201 to just include rows AOP202+AOP203.

After the suggested adjustments of net turnover, the formulas for variable value of output 12120, (250301), the consultants recommend to be altered for RS from row AOP201 to rows AOP202+AOP203+AOP205. However, the BiH experts want to examine the aggregates and how an exclusion/inclusion of depreciation of premiums/discounts on securities at amortized value affects the aggregates. For FBiH the formula is approved.

All other formulas were approved by the consultants.

NACE 65.11, 65.12 and 65.2

In the regulation and the SBS manual, there is a small difference between the formulas for NACE 65.11 and 65.12 (and 65.2) for net turnover, variable 12110, (250101). However, the difference is not significant enough for different formulas for BiH. The recommendation is for RS to add rows AOP209+AOP210 to the formula for net turnover. For FBiH the formula is approved.

For value of output, variable 12120, (250301), the FBiH had a question regarding row AOP060, which after discussion it is recommended that it should be included. RS had a similar question about row AOP256, which is also recommended to be included. For RS row AOP276+AOP277 is recommended to be added to the formulas as well as rows AOP280 and AOP281.

For total purchases of goods and services, variable 13110, (240101), it is recommended by the consultants that row AOP055 for FBiH is excluded from the formula. With this the formulas for FBiH and RS are more consistent. For RS the formula is approved. All other formulas were approved by the consultants.

NACE 66

Since the enterprises in this division has the same items in their annual reports as the other parts of SBS, no discussions about this NACE occurred.

General comments:

Regarding the three variables concerning employment and employees, the consultants want to remind the BiH experts of the rules of Eurostat, that Full-time-equivalents, variable 16140 (220103) is always lower than, or equal to, Number of employees, variable 16130 (220102), who in turn should be lower than, or equal to, Number of employees and self-employed persons, variable 16110 (220101).

Regarding the variables concerning Wages and salaries, variable 13320 (220302), and Social security costs, variable 13330 (220303), the consultants agree with the Bih experts that use of already existing statistics in BiH could be helpful for the NACE divisions in the Section K where these are not available in the admin data.

For variable Expenses on services provided through agency workers, 13131, (240103), where the beneficiaries do not have any available data, the consultants explained that Sweden uses a model-approach based on quotas from sections M and N to cover the variable. The variable is for sections M and N surveyed in Sweden and the ratio of the variable compared with total purchases of goods and services. The consultants suggests that a similar solution could be used in BiH as well.

Variable Expenses of long-term rental and operational leases, 13411, (240104) is not required for the Section K according to the EBS-regulation, and the SBS manual as of December 2024.



Annex 1. Terms of Reference for the current mission

Terms of Reference

EU Twinning Project BA 19 IPA ST 01 23

**Component 1 - Business Statistics
Subcomponent 1.2 – Structural Business Statistics**

Timing: 10nd (at 9:30* a.m.) - 13th March (noon) 2026
(* Meeting with beneficiaries starts at 11 a.m.)

**Venue: Agency for Statistics of Bosnia and Herzegovina, Sarajevo
Bosnia and Herzegovina**

Activity 1.2C: SBS variables for Section K developed according to the EBS regulation

The mission will prioritize addressing the project result: SBS variables for Section K developed according to the EBS regulation.

1. Mandatory result

SBS variables for Section K developed according to the EBS regulation.

Methodology for the implementation of statistical unit “enterprise” in structural business statistics developed in line with new EBS regulation.

2. Purpose of the activity:

- Analyses of formulas for the calculation of variables for Section K
- Consultation on the coverage of special units in Section K

3. Expected output of the activity:

- Formulas for the calculation of variables for Section K agreed
- The coverage of special units in Section K discussed
- Mission report

Annex 2. Persons met

BHAS:

- Bojana Cicovic, Head of Department for Structural Business Statistics
- Haris Buljugic, Junior statistician, SBS Department

FIS:

- Alma Colpa, Senior adviser for SBS

RSIS:

- Sladjana Nikic, Senior Statistician
- Danica Babic, Senior Statistician

MS Experts:

- Mariah Nilsson, Statistics Sweden
- Barbro von Hofsten, Statistics Sweden

RTA Team:

- Niels Madsen, RTA
- Senka Ahmetović-Palić, Language assistant
- Damir Omeragić, Interpreter

Signatures

For the approval of the contents of this report, representatives from BHAS, FIS and RSIS as well as MS experts and the RTA sign here:



Component leader, BHAS



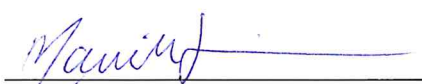
Component leader, FIS



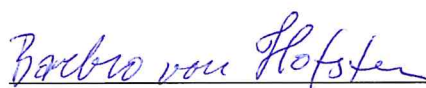
Component leader, RSIS



RTA



MS Expert



MS Expert