

Contents

Acknowledgements	7
1. Introduction to Services Trade by Enterprise Characteristics	8
1.1. Why Statistics on Services Trade by Enterprise Characteristics	8
1.2. Advantages of micro data linking	9
1.3. Relationship between STEC and TEC statistics	9
1.4. STEC in relation to other international methodological standards	9
1.5. About the STEC Compilers Guide	10
2. STEC – Scope and Definitions	11
2.1. Scope	11
2.2. Definitions	11
2.2.1. Trade value	11
2.2.2. Counterpart areas	12
2.2.3. Flow	12
2.2.4. Activity of enterprises	12
2.2.5. Enterprise size class	13
2.2.6. Services categories	13
2.2.7. Type of ownership	14
2.2.8. Services export intensity and services import intensity	15
3. STEC in relation to other statistics	16
3.1. Annual International Trade in Service Statistics (ITSS) under the BoP framework	16
3.2. Trade by enterprise characteristics (TEC)	17
3.3. Foreign Affiliate Trade Statistics (FATS)	17
3.4. Structural Business Statistics (SBS)	18
3.5. National Accounts (NA) Statistics, Supply and Use tables and TiVA	18
3.6. Foreign Direct Investment (FDI) Statistics	19
4. Data linking	20
4.1. Identifying enterprises	20
4.1.1. Enterprises and legal units	20
4.1.2. The central role of the business register in data linking	21
4.1.3. Preferred data sources for enterprise characteristics variables	22

4.2. Linking services trade collected at the enterprise level	23
4.2.1. Linking the ITSS survey	23
4.2.2. International Transactions Reporting System	24
4.3. Recommendations on the use of grossed up figures from ITSS survey	24
4.4. Potentially un-linkable service trade flows	25
4.4.1. Travel services	26
4.4.2. Financial services (FISIM)	26
4.4.3. Special purpose entities (SPE)	26
4.4.4. The CIF/FOB adjustment of freight transport services	26
4.4.5. Government services	27
4.4.6. Trade by households	27
4.4.7. Illegal, non-market and non-observed transactions	27
4.4.8. Other non-linkable services	27
5. Strategies for selected common challenges	28
5.1. Large and complex businesses and demographic events	28
5.2. Administrative units versus statistical units	29
5.3. Consolidated returns	29
5.4. Missing statistical business register data	29
5.5. Treatment of non-response and non-coverage data	29
6. The STEC tables	30
6.1. Overview of the STEC tables	30
6.1.1. Methodological page	30
6.1.2. STEC Table 1 – Enterprise size class and NACE activity	31
6.1.3. STEC Table 2 – Service item and NACE activity	31
6.1.4. STEC Table 3 – NACE activity and type of ownership	31
6.1.5. STEC Table 4 – NACE activity and exports and imports intensity	32
6.1.6. STEC Table 5 – Service item and enterprise size class	32
6.1.7. STEC Table 6 – Service item and type of ownership	32
6.2. Additional remarks for filling out the STEC tables	32
6.2.1. Cells with zero trade	32
6.2.2. Confidential cells	32
6.3. STEC Data reporting	33
6.3.1. Excel template for STEC Tables	33
6.3.2. SAS database solution	33

6.4. STEC data validation	33
6.4.1. STEC Data validation at national level	33
6.4.2. STEC data validation at Eurostat	33
7. Confidentiality	34
7.1. Primary confidentiality rules	34
7.2. Data priority when performing secondary confidentiality	34
7.2.1. Applying confidentiality in the STEC tables – some examples	35
8. Data transmission to Eurostat, treatment and dissemination	39
8.1. Transmission	39
8.2. STEC data treatment	39
8.3. STEC data dissemination	39
8.3.1. Analysing STEC data: issue of the non-matching data	39
9. Country experiences	41
9.1. Austria	41
9.1.1. Data Sources	41
9.1.2. Linking ITSS with SBS, FDI and FATS	43
9.1.3. Differences to International Trade in Services Statistics (ITSS)	44
9.2. The Czech Republic	46
9.2.1. The sources used to make STEC	46
9.3. Denmark	47
9.3.1. The sources used to make STEC	47
9.3.2. Possible assumptions for data that cannot be linked to SBR	49
9.4. Estonia	50
9.4.1. Trade of services data	50
9.4.2. Linking trade of services data with business register	50
9.4.3. Compilation of STEC datasets	50
9.5. Ireland	51
9.5.1. STEC sources	51
9.5.2. Data linking	52
9.6. Luxembourg	53
9.6.1. Different sources for ITSS compilation and their use in STEC	53
9.6.2. Other sources and their use to compile STEC	53

9.7. United Kingdom	55
9.7.1. Background	55
9.7.2. Data Collection	55
9.7.3. International Trade in Services (ITS) Survey	55
9.7.4. STEC compilation	55
9.7.5. Confidentiality	56
9.7.6. Other Assumptions	56
9.7.7. STEC tables simplifications	56
9.8. The Netherlands	57
9.8.1. The sources used to make STEC	57
9.8.2. Other Assumptions	60
9.8.3. Confidentiality	60
10. Annexes	61
Annex I. Country example of grossing up by using Horwitz-Thompson formula	61
Annex II. List of Abbreviations	63
Annex III. STEC Tables	64