

Quality indicators on data by enterprise characteristics (TEC)

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Coverage – Time (Concept 3.8.)

Definition: the length of time for which data are available

TABLE 1 LENGTH OF AVAILABLE TIME SERIES PER REPORTING COUNTRY

Reporter	Period covered
Belgium	2012-2022
Bulgaria	2012-2022
Czechia	2012-2022
Denmark	2012-2022
Germany	2012-2022
Estonia	2012-2022
Ireland	2013-2022
Greece	2012-2022
Spain	2012-2022
France	2012-2022
Croatia	2012-2022
Italy	2012-2022
Cyprus	2012-2022
Latvia	2012-2022
Lithuania	2012-2022
Luxembourg	2012-2022
Hungary	2012-2022
Malta	2012-2022
Netherlands	2012-2022
Austria	2012-2022
Poland	2012-2022
Portugal	2012-2022
Romania	2012-2022
Slovenia	2012-2022
Slovakia	2012-2022
Finland	2012-2022
Sweden	2012-2022
Iceland	2014-2021
Liechtenstein	n.a
Norway	2015-2021
Switzerland	2016-2022
United Kingdom	2012-2019
United Kingdom (Northern Ireland)	2021-2022
Bosnia and Herzegovina	2016-2022
Montenegro	:
North Macedonia	2019-2021
Albania	:
Serbia	2012-2022
Turkey	2015-2022
Kosovo	2017-2020

Special values:

n.a.: Not applicable (:): Not available

Data completeness – rate (Concept 12.3.1.)

Definition: ratio of the number of data cells provided to the number of data cells required by Eurostat

For TEC data, this indicator corresponds to the ratio of the number of datasets provided to the number of datasets required.

A distinction should be introduced between datasets to be mandatorily provided and datasets for which the transmission to Eurostat is optional. From 2022 reference period all datasets are mandatory.

TABLE 2 LIST OF DATASETS TO BE PROVIDED AND THEIR MANDATORY/OPTIONAL STATUS

Online data code in Data Browser	Dataset description	Mandatory/optional status
<u>ext_tec06</u>	Trade by type of trader	Mandatory
<u>ext_tec01</u>	Trade by activity sector and enterprise size class	Mandatory
<u>ext_tec02</u>	Concentration of trade by activity	Mandatory
<u>ext_tec03</u>	Trade by partner country and activity	Mandatory
<u>ext_tec04</u>	Trade by number of partner countries and activity	Mandatory
<u>ext_tec05</u>	Trade by commodity and activity	Mandatory
<u>ext_tec07</u>	Trade by type of ownership	Mandatory since reference year 2022, optional before
<u>ext_tec08</u>	Trade by export intensity	Mandatory since reference year 2022, optional before
<u>ext_tec09</u>	Trade by activity sector	Mandatory since reference year 2022, optional before
<u>ext_tec10</u>	Trade by partner country and size class	Mandatory since reference year 2022, optional before

Nota Bene: In addition to the datasets described just above, reporting countries should also provide an additional dataset including information on the reference populations and used for the validation of data before dissemination.

TABLE 3 DATA COMPLETENESS RATE BY REPORTING COUNTRY AND REFERENCE PERIOD CONSIDERING THE DATASETS TO BE MANDATORILY PROVIDED

Reporter/Time	2014	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Bulgaria	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Czechia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Denmark	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Germany	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Estonia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Ireland	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Greece	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Spain	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
France	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Croatia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Italy	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cyprus	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Latvia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Lithuania	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Luxembourg	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hungary	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Malta	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Netherlands	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Austria	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Poland	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Portugal	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Romania	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Slovenia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Slovakia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Finland	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Sweden	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Iceland	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
Liechtenstein	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100%	0.0%
Switzerland	n.a.	n.a.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
United Kingdom	100.0%	100.0%	100.0%	100.0%	100.0%	0%	n.a.	n.a.	n.a.
United Kingdom (Northern Ireland)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	100%	100%
Bosnia and Herzegovina	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	90.9%
Montenegro	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
North Macedonia	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%
Albania	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Serbia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Turkey	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	85.0%	64.0%
Kosovo	0.0%	0.0%	0.0%	71.4%	100.0%	100.0%	100.0%	0%	0%

Special values:

n.a.: Not applicabl

TABLE 4 DATA COMPLETENESS RATES BY REPORTING COUNTRY AND BY REFERENCE PERIOD CONSIDERING THE DATASETS PROVIDED ON A VOLUNTARY BASIS UNTIL 2021 REFERENCE PERIOD

Reporter/Time	2014	2015	2016	2017	2018	2019	2020	2021
Belgium	100.0%	100.0%	100.0%	100.0%	75.0%	100.0%	100.0%	100.0%
Bulgaria	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Czechia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Denmark	0.0%	0.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
Germany	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Estonia	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ireland	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	100%
Greece	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Spain	75.0%	75.0%	75.0%	75.0%	75.0%	100.0%	100.0%	100.0%
France	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Croatia	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Italy	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	100.0%
Cyprus	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
Latvia	50.0%	0.0%	0.0%	50.0%	0.0%	100.0%	100.0%	100.0%
Lithuania	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Luxembourg	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hungary	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Malta	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Netherlands	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Austria	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Poland	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
Portugal	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Romania	75.0%	75.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Slovenia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Slovakia	100.0%	0.0%	0.0%	0.0%	100.0%	75.0%	75.0%	75.0%
Finland	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
Sweden	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Iceland	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	50.0%	100.0%
Liechtenstein	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	0.0%	100.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%
Switzerland	n.a.	n.a.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
United Kingdom	50.0%	100.0%	75.0%	25.0%	0.0%	0%	n.a.	n.a.
United Kingdom (Northern Ireland)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	100%
Bosnia and Herzegovina	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montenegro	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
North Macedonia	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%
Albania	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Serbia	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Turkey	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Kosovo	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	100.0%	0%

Special values:

n.a.: Not applicable

Unit non-response – rate (Concept 13.3.3.1.)

Definition: the ratio of the number of units with no information or not usable information to the total number of in-scope (eligible) units.

For TEC data, this indicator corresponds to the matching rate between trade and business registers.

TABLE 5 PERCENTAGE OF ENTERPRISES IMPORTING AND EXPORTING FROM/TO WORLD SUCCESSFULLY MATCHED

Flow Reporter/Time	Import					Export				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Belgium	100	100	100	99.9	99.9	100	99.8	99.9	99.9	99.9
Bulgaria	100	100	100	75.7	100	100	100	100	98.5	99.9
Czechia	61	61.2	48.7	25.7	37.9	94.4	93.8	91.4	89.4	83.8
Denmark	98.6	98.5	98.5	98.7	99	99.1	99	99	99.1	99.1
Germany	87	91.4	89	90.6	92.7	89.4	94.1	93.3	94.3	95.1
Estonia	100	100	100	100	100	100	100	100	100	100
Ireland	99.7	99.5	100	100	100	99.6	99.4	100	100	100
Greece	97.7	97.7	97.6	95.3	96.1	99.3	99.3	99.4	98.9	99.3
Spain	98.4	99.6	99.7	99.6	99.7	98.5	99.7	99.7	99.7	99.8
France	90	95.8	95.7	92.9	97.2	96.8	96.5	96.5	94.3	96.7
Croatia	100	99.9	98.6	99.5	99.1	100	99.8	99.3	99.2	74.2
Italy	72	99.3	99.9	99.9	96.6	93.8	97.5	97.4	97.3	95.1
Cyprus	99.8	99.9	99.9	100	99.9	99.9	100	100	99.9	99.9
Latvia	99.9	100	99.9	100	100	100	100	100	100	100
Lithuania	100	100	100	100	100	100	100	100	100	100
Luxembourg	100	100	100	100	99.9	100	100	100	100	100
Hungary	100	100	100	100	100	100	100	100	100	100
Malta	100	100	99.4	99.7	100	100	100	99.5	99.7	100
Netherlands	96.1	96.2	96.2	96	96.8	96.8	97.3	97.1	96.7	97
Austria	96	96.5	96.6	96.2	96.7	97.2	97.7	97.9	97.5	97.8
Poland	100	100	100	100	100	100	100	100	100	100
Portugal	100	100	100	100	100	100	100	100	100	100
Romania	98.9	99	100	100	100	98.4	98.6	100	100	100
Slovenia	100	100	100	100	100	100	100	100	100	100
Slovakia	99.7	99.8	100	100	100	99.9	99.8	100	100	100
Finland	99.3	99.6	99.7	99.6	99.6	98	99.2	98.9	97.8	99.3
Sweden	100	100	100	100	100	100	100	100	100	100
Iceland	99.7	100	100	100	:	99.9	99.9	100	100	:
Liechtenstein	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	96.8	100	100	100	:	98.6	100	100	100	:
Switzerland	100	100	100	100	100	100	100	100	100	100
United Kingdom	91.1	:	:	:	:	95.1	:	:	:	:
United Kingdom (Northern Ireland)	:	:	:	96	97.3	:	:	:	97.5	97.3
Bosnia and Herzegovina	99.9	100	100	100	100	100	100	100	100	100
Montenegro	:	100	100	:	:	:	100	100	:	:
North Macedonia	:	99.8	99.9	99.9	:	:	100	100	100	:
Albania	:	:	:	:	:	:	:	:	:	:
Serbia	100	100	100	100	100	100	100	100	100	100
Turkey	97.1	96.8	96.8	100	99.9	99.9	99.9	100	100	100
Kosovo	99.5	99.5	99.8	:	:	99.9	99.9	100	:	:

Special values:

n.a.: Not applicable (:): Not available

TABLE 6 PERCENTAGE OF IMPORTS AND EXPORTS FROM/TO WORLD FOR WHICH THE TRADER MATCH WITH BUSINESS REGISTER

Flow Reporter/Time	Import					Export				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Belgium	100	100	100	100	100	100	99.8	100	99.9	99.9
Bulgaria	100	100	100	100	100	100	100	100	100	100
Czechia	91.3	90.8	91.2	91	90.5	92.7	92.6	92.2	91.5	91.6
Denmark	92.3	94.4	95.4	93.2	91.5	96.5	96.9	96.7	95.7	92.6
Germany	97.3	98.9	99.1	99.4	99.4	98	98.9	99	99.3	99.4
Estonia	100	100	100	100	100	100	100	100	100	100
Ireland	98.3	96.1	96.5	97.2	96.8	98.7	98.4	98.1	99.7	99.7
Greece	99.9	99.5	99.8	100	100	100	100	100	99.9	100
Spain	99.9	100	99.9	99.9	100	100	100	100	100	100
France	99.7	99.6	99.7	99.5	99.7	99.7	99.7	99.7	99.6	99.7
Croatia	100	99.9	99.9	99.9	99.9	100	100	99.9	99.9	98.8
Italy	91.5	99.8	99.8	99.6	99.5	97.9	99.6	99.6	99.6	99.8
Cyprus	100	100	100	100	100	100	100	100	100	100
Latvia	100	100	100	100	100	100	100	100	100	100
Lithuania	100	100	100	100	100	100	100	100	100	100
Luxembourg	100	100	100	100	100	100	100	100	100	100
Hungary	100	100	100	100	100	100	100	100	100	100
Malta	100	100	99.4	100	100	100	100	100	100	100
Netherlands	96.1	99	98.8	96.7	99.4	95.4	98.4	98.5	96.6	99.6
Austria	99.9	99.7	99.9	99.8	99.3	99.9	99.9	100	99.9	99.9
Poland	100	100	100	100	100	100	100	100	100	100
Portugal	100	100	100	100	100	100	100	100	100	100
Romania	95	95.2	100	100	100	93.4	92.9	100	100	100
Slovenia	100	100	100	100	100	100	100	100	100	100
Slovakia	100	100	100	100	100	100	100	100	100	100
Finland	100	100	100	99.9	99.9	100	100	99.9	99.9	100
Sweden	100	100	100	100	100	100	100	100	100	100
Iceland	100	99.6	100	100	:	100	99.4	100	100	:
Liechtenstein	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	100	100	100	99.9	:	70.6	99.6	99.7	99.7	:
Switzerland	100	100	100	100	100	100	100	100	100	100
United Kingdom	98.2	:	:	:	:	97.8	:	:	:	:
United Kingdom (Northern Ireland)	:	:	:	96	98.1	:	:	:	96.3	98.2
Bosnia and Herzegovina	100	100	100	100	100	100	100	100	100	100
Montenegro	:	100	100	:	:	:	100	100	:	:
North Macedonia	:	100	100	100	:	:	100	100	100	:
Albania	:	:	:	:	:	:	:	:	:	:
Serbia	100	100	100	100	100	100	100	100	100	100
Turkey	100	100	100	100	100	100	100	100	100	100
Kosovo	100	99.8	100	:	:	100	100	100	:	:

Special values:

n.a.: Not applicable (:): Not available

Item non-response – rate (Concept 13.3.3.2.)

Definition: the ratio of the in-scope (eligible) units which have not responded to a particular item and the in-scope units that are required to respond to that particular item.

For TEC, the item non-response is computed for several business characteristics:

- The NACE activity,
- The enterprise size class, and
- The type of control.

Item non-response is also computed for the following trade characteristics:

- The intra-EU partner country,
- The extra-EU partner country,
- The number of partner country,
- The export intensity.

For each of these characteristics, the share of enterprises for which the information is unknown is calculated as well as the associated share of trade.

TABLE 7 NON-RESPONSE RATE FOR NACE ACTIVITY EXPRESSED IN NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	[0;10[	0.0
Czechia	0.0	0.0
Denmark	1.1	0.8
Germany	0.0	0.0
Estonia	0.0	0.0
Ireland	0.0	0.0
Greece	0.7	[0;10[
Spain	0.0	0.0
France	0.0	0.0
Croatia	0.0	0.0
Italy	0.0	0.0
Cyprus	[0;10[	[0;10[
Latvia	0.0	0.0
Lithuania	0.0	0.1
Luxembourg	1.4	1.3
Hungary	0.0	0.0
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	0.0	0.1
Portugal	0.0	0.0
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	0.0	0.0
Finland	0.0	0.0
Sweden	0.5	1.4
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.5	0.2
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.1	0.0
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:):not available; n.a.: not applicable; [0;10[less than 10%;

TABLE 8 NON-RESPONSE RATE EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES FOR NACE ACTIVITY BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	[0;10[	0.0
Czechia	0.0	0.0
Denmark	0.4	0.4
Germany	0.0	0.0
Estonia	[0;10[	0.0
Ireland	0.0	0.0
Greece	0.0	0.2
Spain	0.0	0.0
France	0.0	0.0
Croatia	0.0	0.0
Italy	0.0	0.0
Cyprus	[0;10[	[0;10[
Latvia	0.0	0.0
Lithuania	0.0	0.0
Luxembourg	0.3	0.3
Hungary	0.0	0.0
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	[0;10[	[0;10[
Poland	0.1	0.1
Portugal	0.0	0.0
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	0.0	0.0
Finland	0.0	0.0
Sweden	0.6	0.6
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.1	0.0
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10

TABLE 9 NON-RESPONSE RATE FOR THE SIZE CLASS OF ENTERPRISES EXPRESSED IN NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	1.8	1.5
Czechia	13.7	9.1
Denmark	17.5	14.1
Germany	0.0	0.0
Estonia	0.0	0.0
Ireland	0.0	0.0
Greece	2.6	1.1
Spain	0.0	0.0
France	0.0	0.0
Croatia	26.5	23.7
Italy	0.0	0.0
Cyprus	4.4	7.8
Latvia	0.1	0.0
Lithuania	0.0	0.0
Luxembourg	18.6	17.0
Hungary	12.1	9.8
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	1.6	1.2
Portugal	3.1	1.1
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	1.2	1.8
Finland	0.5	1.0
Sweden	0.0	0.0
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.5	0.2
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.2	0.2
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	6.4	4.7
Turkey	0.4	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%

TABLE 10 NON-RESPONSE RATE FOR THE SIZE CLASS OF ENTERPRISES EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	1.3	2.0
Czechia	1.6	1.4
Denmark	8.9	6.0
Germany	0.0	0.0
Estonia	[0;10[	0.0
Ireland	0.0	0.0
Greece	0.1	0.1
Spain	0.0	0.0
France	0.0	0.0
Croatia	14.9	11.4
Italy	0.0	0.0
Cyprus	1.9	4.0
Latvia	3.4	1.4
Lithuania	0.0	0.0
Luxembourg	12.4	23.3
Hungary	1.3	1.0
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	0.1	0.0
Portugal	0.0	0.0
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	0.7	1.0
Finland	0.6	0.3
Sweden	0.0	0.0
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	1.0	0.5
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%;

TABLE 11 NON-RESPONSE RATE FOR THE TYPE OF OWNERSHIP EXPRESSED IN NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	85.4	81.4
Czechia	0.0	0.0
Denmark	17.2	9.8
Germany	79.4	68.4
Estonia	0.0	0.0
Ireland	0.0	0.0
Greece	0.0	0.0
Spain	0.0	0.0
France	0.0	0.0
Croatia	3.5	3.1
Italy	0.0	0.0
Cyprus	2.2	2.8
Latvia	0.0	0.0
Lithuania	0.0	0.0
Luxembourg	5.6	4.6
Hungary	9.4	6.7
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	94.7	93.9
Portugal	12.3	6.2
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	92.2	85.5
Finland	1.0	1.3
Sweden	0.0	0.0
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.5	0.2
United Kingdom (Northern Ireland)	[80;90[	[80;90[
Bosnia and Herzegovina	5.8	7.8
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	84.4	83.6
Turkey	:	:
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [80;90[between 80% and 90%;

TABLE 12 NON-RESPONSE RATE FOR THE TYPE OF OWNERSHIP EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.1
Bulgaria	30.8	30.2
Czechia	0.0	0.0
Denmark	6.3	3.9
Germany	8.9	6.5
Estonia	0.1	0.0
Ireland	0.0	0.0
Greece	0.0	0.0
Spain	0.0	0.0
France	0.0	0.0
Croatia	3.0	6.5
Italy	0.0	0.0
Cyprus	0.6	2.4
Latvia	0.0	0.0
Lithuania	0.0	0.0
Luxembourg	11.3	15.9
Hungary	2.1	2.1
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	25.3	28.3
Portugal	0.7	0.5
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	18.7	14.0
Finland	5.8	2.3
Sweden	0.0	0.0
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[30;40[	[10;20[
Bosnia and Herzegovina	14.1	21.3
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	25.4	20.7
Turkey	:	:
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [10;20[between 10% and 20%; [30;40[between 30% and 40%.

TABLE 13 NON RESPONSE RATE FOR THE INTRA-EU PARTNER EXPRESSED IN NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	1.4	2.3
Czechia	0.0	0.0
Denmark	0.0	0.4
Germany	94.8	83.3
Estonia	91.1	82.3
Ireland	22.8	56.9
Greece	[0;10[	[0;10[
Spain	88.4	79.6
France	0.0	0.1
Croatia	[0;10[	0.9
Italy	0.1	1.6
Cyprus	83.2	81.9
Latvia	0.0	0.1
Lithuania	83.5	75.3
Luxembourg	0.0	0.0
Hungary	0.0	0.0
Malta	0.0	3.4
Netherlands	41.7	13.9
Austria	93.5	83.7
Poland	92.8	83.4
Portugal	0.0	0.0
Romania	87.5	69.1
Slovenia	0.0	0.0
Slovakia	0.7	1.0
Finland	[0;10[	[0;10[
Sweden	93.6	74.7
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[80;90[	[70;80[
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.1	0.1
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%; [70;80[between 70% and 80%; [80;90[between 80% and 90%.

TABLE 14 NON RESPONSE RATE FOR THE INTRA-EU PARTNER EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	[0;10[	0.0
Bulgaria	0.3	4.7
Czechia	0.0	0.0
Denmark	[0;10[	[0;10[
Germany	6.0	3.3
Estonia	9.2	5.9
Ireland	0.6	0.8
Greece	2.1	0.0
Spain	4.1	4.9
France	0.0	0.1
Croatia	[0;10[	0.1
Italy	0.0	0.7
Cyprus	5.7	15.9
Latvia	0.0	0.2
Lithuania	4.3	2.2
Luxembourg	0.0	0.0
Hungary	0.0	0.0
Malta	0.0	9.4
Netherlands	4.0	1.2
Austria	5.5	2.2
Poland	4.1	1.7
Portugal	0.0	1.4
Romania	4.4	2.8
Slovenia	0.0	0.0
Slovakia	0.1	0.1
Finland	[0;10[	[0;10[
Sweden	4.2	1.9
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%;

TABLE 15 NON RESPONSE RATE FOR THE EXTRA-EU PARTNER EXPRESSED IN NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.4
Bulgaria	0.4	1.3
Czechia	0.0	0.0
Denmark	0.7	0.6
Germany	0.0	1.1
Estonia	38.3	1.2
Ireland	1.1	9.7
Greece	0.4	0.0
Spain	0.1	1.3
France	1.5	0.4
Croatia	0.3	1.9
Italy	0.1	1.0
Cyprus	[0;10[	5.0
Latvia	0.0	1.1
Lithuania	0.3	0.6
Luxembourg	[0;10[	[0;10[
Hungary	0.0	0.0
Malta	0.0	2.8
Netherlands	0.2	1.0
Austria	0.0	0.0
Poland	0.4	2.4
Portugal	0.1	0.7
Romania	0.3	1.0
Slovenia	[0;10[	0.2
Slovakia	0.2	1.9
Finland	[0;10[	[0;10[
Sweden	0.1	0.1
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	1.3	1.2
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.1	0.0
Turkey	1.6	9.6
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%;

TABLE 16 NON RESPONSE RATE FOR THE EXTRA-EU PARTNER EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	[0;10[	3.2
Bulgaria	0.7	4.0
Czechia	0.0	0.0
Denmark	0.6	1.5
Germany	0.0	0.7
Estonia	1.5	9.1
Ireland	0.4	0.4
Greece	0.7	0.0
Spain	0.0	4.7
France	0.2	1.5
Croatia	1.0	0.4
Italy	0.0	0.8
Cyprus	[0;10[	13.0
Latvia	0.0	0.2
Lithuania	1.8	1.4
Luxembourg	[0;10[	[0;10[
Hungary	0.0	0.0
Malta	0.0	1.2
Netherlands	0.8	2.0
Austria	0.0	0.2
Poland	0.5	2.7
Portugal	0.5	6.8
Romania	0.0	0.4
Slovenia	[0;10[	0.0
Slovakia	0.1	0.2
Finland	[0;10[	[0;10[
Sweden	0.0	0.9
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.1	0.7
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	13.9	3.1
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10.

TABLE 17 NON-RESPONSE RATE FOR THE NUMBER OF PARTNER COUNTRIES EXPRESSED IN NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	0.0	0.0
Czechia	0.0	0.0
Denmark	0.0	0.0
Germany	0.0	0.0
Estonia	0.0	0.0
Ireland	0.0	0.0
Greece	0.0	0.0
Spain	60.9	43.8
France	0.0	0.0
Croatia	0.0	0.0
Italy	0.2	1.8
Cyprus	0.0	0.0
Latvia	0.0	0.0
Lithuania	0.0	0.0
Luxembourg	0.0	0.0
Hungary	0.0	0.0
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	74.2	60.5
Portugal	0.0	0.0
Romania	0.0	0.1
Slovenia	0.0	0.0
Slovakia	0.0	0.0
Finland	74.1	48.3
Sweden	60.3	28.7
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.5	0.2
United Kingdom (Northern Ireland)	[70;80]	[70;80]
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%; %; [70;80[between 70% and 80%.

TABLE 18 NON-RESPONSE RATE FOR THE NUMBER OF PARTNER COUNTRIES EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.0	0.0
Bulgaria	0.0	0.0
Czechia	0.0	0.0
Denmark	0.0	0.0
Germany	0.0	0.0
Estonia	0.0	0.0
Ireland	0.0	0.0
Greece	0.0	0.0
Spain	2.1	1.5
France	0.0	0.0
Croatia	0.0	0.0
Italy	0.2	0.4
Cyprus	0.0	0.0
Latvia	0.0	0.0
Lithuania	0.0	0.0
Luxembourg	0.0	0.0
Hungary	0.0	0.0
Malta	0.0	0.0
Netherlands	0.0	0.0
Austria	0.0	0.0
Poland	2.5	1.1
Portugal	0.0	0.0
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	0.0	0.0
Finland	3.1	1.3
Sweden	1.2	0.3
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	0.0	0.0
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	0.0	0.0
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%.

TABLE NON-RESPONSE RATE FOR THE COMMODITY EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	4.7	2.0
Bulgaria	0.0	0.0
Czechia	0.0	0.0
Denmark	0.0	0.0
Germany	4.3	2.5
Estonia	0.0	0.0
Ireland	0.1	[0;10[
Greece	0.4	1.2
Spain	2.1	2.8
France	0.0	0.4
Croatia	0.0	0.3
Italy	4.6	[0;10[
Cyprus	3.4	2.3
Latvia	4.4	3.2
Lithuania	2.7	1.9
Luxembourg	0.0	0.0
Hungary	5.7	3.8
Malta	[0;10[	1.0
Netherlands	7.2	3.0
Austria	4.3	1.5
Poland	2.6	1.4
Portugal	0.0	0.2
Romania	3.2	2.3
Slovenia	0.0	0.0
Slovakia	0.1	0.1
Finland	3.2	1.9
Sweden	2.8	0.6
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	0.0	0.0
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	[0;10[	[0;10[
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	:	:
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10%.

TABLE 20 NON-RESPONSE RATE FOR THE EXPORT INTENSITY EXPRESSED IN PERCENTAGE OF NUMBER OF ENTERPRISES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	0.4	0.2
Bulgaria	0.0	0.0
Czechia	4.5	7.2
Denmark	5.2	15.4
Germany	1.0	0.6
Estonia	0.0	0.0
Ireland	4.3	19.8
Greece	1.5	4.8
Spain	0.0	1.7
France	1.7	17.4
Croatia	0.0	0.0
Italy	1.1	0.6
Cyprus	4.7	5.4
Latvia	0.7	0.4
Lithuania	0.1	0.5
Luxembourg	8.8	4.8
Hungary	1.4	7.5
Malta	0.5	4.4
Netherlands	1.0	4.2
Austria	11.4	45.3
Poland	0.0	0.0
Portugal	2.0	0.7
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	3.0	15.8
Finland	0.3	3.0
Sweden	1.0	10.3
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	1.5	8.3
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	:	:
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	:	:
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10.

TABLE 21 NON-RESPONSE RATE FOR THE EXPORT INTENSITY EXPRESSED IN PERCENTAGE OF IMPORT AND EXPORT VALUES BY REPORTING COUNTRY AND FLOW, 2022

Reporter/Flow	Imports	Exports
Belgium	[0;10[	1.0
Bulgaria	0.0	0.0
Czechia	5.7	7.8
Denmark	12.1	0.7
Germany	0.3	0.1
Estonia	0.0	0.0
Ireland	7.4	4.7
Greece	0.3	0.9
Spain	0.3	0.2
France	0.4	1.0
Croatia	0.0	0.0
Italy	0.3	0.1
Cyprus	10.7	26.7
Latvia	0.8	1.4
Lithuania	0.0	0.0
Luxembourg	1.1	0.4
Hungary	2.1	2.1
Malta	0.3	1.7
Netherlands	23.9	25.4
Austria	49.8	52.4
Poland	0.0	0.0
Portugal	0.8	0.3
Romania	0.0	0.0
Slovenia	0.0	0.0
Slovakia	6.6	10.1
Finland	0.5	0.3
Sweden	0.5	0.6
Iceland	:	:
Liechtenstein	n.a.	n.a.
Norway	:	:
Switzerland	6.8	3.8
United Kingdom (Northern Ireland)	[0;10[	[0;10[
Bosnia and Herzegovina	:	:
Montenegro	:	:
North Macedonia	:	:
Albania	:	:
Serbia	0.0	0.0
Turkey	:	:
Kosovo	:	:

Special values:

(:): not available; n.a.: not applicable; [0;10[less than 10.

Time lag - first result (Concept 14.1.1.)

Definition: the number of days (or weeks or months) from the last day of the reference period to the day of publication of first results.

TABLE 22 TIME LAG OF FIRST RESULTS EXPRESSED IN NUMBER OF DAYS

Reporter/Time	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	560	535	527	397	526	546	579	355
Bulgaria	545	543	543	547	546	546	823	458
Czechia	617	507	554	543	531	561	537	333
Denmark	541	537	537	541	546	638	544	374
Germany	547	545	527	513	532	490	355	342
Estonia	554	625	556	1410	630	559	531	355
Ireland	545	508	543	505	521	518	557	373
Greece	543	542	543	548	541	566	546	363
Spain	568	557	520	552	547	588	564	363
France	546	543	543	550	540	539	536	352
Croatia	547	543	547	543	619	546	626	340
Italy	516	520	537	539	563	567	546	353
Cyprus	551	517	537	582	533	543	535	352
Latvia	524	508	541	518	524	494	468	361
Lithuania	547	537	543	543	547	546	545	356
Luxembourg	638	530	509	547	477	456	474	347
Hungary	547	542	544	541	538	568	474	345
Malta	575	912	544	525	602	643	543	354
Netherlands	567	558	547	560	542	614	531	354
Austria	547	545	544	540	541	519	536	352
Poland	561	541	514	1397	555	523	544	523
Portugal	482	537	544	554	538	386	347	348
Romania	571	516	493	507	461	469	376	340
Slovenia	538	528	523	526	528	515	448	356
Slovakia	537	529	533	540	534	641	546	355
Finland	623	541	576	534	545	545	531	362
Sweden	544	541	540	543	545	544	516	355
Iceland	851	549	592	630	553	561	561	:
Liechtenstein	n.a.							
Norway	656	786	703	659	547	545	637	:
Switzerland	:	747	530	501	519	515	370	426
United Kingdom	552	543	544	542	:	:	n.a.	n.a.
United Kingdom (Northern Ireland)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	599	354
Bosnia and Herzegovina	:	1083	1038	632	542	517	495	353
Montenegro	:	:	:	:	:	:	:	:
North Macedonia	:	:	:	:	1007	754	557	:
Albania	:	:	:	:	:	:	:	:
Serbia	1929	699	1206	760	507	510	663	466
Turkey	889	549	705	536	528	480	466	369
Kosovo	:	:	1272	922	587	648	:	:

Special values:

(:): not available; n.a.: not applicable

Punctuality – delivery (Concept 14.2.1.)

Definition: the number of days between the delivery/release date of data and the target date on which they were scheduled for delivery/release.

TABLE 23 DELAY IN NUMBER OF DAYS OF DATA DELIVERY

Reporter/Time	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	13	0	0	0	0	0	33	0
Bulgaria	0	0	0	0	0	0	277	93
Czechia	70	0	8	0	0	15	0	0
Denmark	0	0	0	0	0	92	0	9
Germany	0	0	0	0	0	0	0	0
Estonia	7	79	10	863	83	13	0	0
Ireland	0	0	0	0	0	0	11	8
Greece	0	0	0	1	0	20	0	0
Spain	21	11	0	5	0	42	18	0
France	0	0	0	3	0	0	0	0
Croatia	0	0	1	0	72	0	80	0
Italy	0	0	0	0	16	21	0	0
Cyprus	4	0	0	35	0	0	0	0
Latvia	0	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0	0
Luxembourg	91	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	22	0	0
Malta	28	366	0	0	55	97	0	0
Netherlands	20	12	1	13	0	68	0	0
Austria	0	0	0	0	0	0	0	0
Poland	14	0	0	850	8	0	0	158
Portugal	0	0	0	7	0	0	0	0
Romania	24	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	95	0	0
Finland	76	0	30	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	0
Iceland	304	3	46	83	6	15	15	:
Liechtenstein	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Norway	109	240	157	112	0	0	91	:
Switzerland	:	201	0	0	0	0	0	61
United Kingdom	5	0	0	0	:	:	n.a.	n.a.
United Kingdom (Northern Ireland)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	53	0
Bosnia and Montenegro	:	537	492	85	0	0	0	0
North Macedonia	:	:	:	:	:	:	:	:
Albania	:	:	:	:	460	208	11	:
Serbia	1382	153	660	213	0	0	117	101
Turkey	342	3	159	0	0	0	0	4
Kosovo	:	:	726	375	40	102	:	:

Special values:

(:): not available; n.a.: not applicable