

COMPLIANCE WITH REPORTING OBLIGATIONS

Note by the secretariat

This document contains information referred to in the twenty-third report of the Implementation Committee (ECE/EB.AIR/2020/2). This information provided the basis for the Committee's evaluation of compliance by Parties with their obligation to report emission data.

The document presents the status of emission data reporting as of 1 September 2020 and contains seven tables reflecting reporting under the seven Protocols in force: the 1985 Sulphur Protocol, the Protocol on Nitrogen Oxides (Protocol on NO_x), the Protocol on Volatile Organic Compounds (Protocol on VOCs), the 1994 Protocol on Sulphur, the Protocol on Heavy Metals, the Protocol on Persistent Organic Pollutants (Protocol on POPs) and the Protocol to Abate Acidification, Eutrophication and Ground-level Ozone (Gothenburg Protocol). The tables were prepared based on information provided by the EMEP Centre on Emission Inventories and Projections (CEIP).

The “X’s” in the tables correspond to submissions of emission data by each Party to CEIP with respective notification sent to the secretariat. Tables 1 to 3 indicate whether Parties have reported national totals for specific pollutants as required by the Protocols they are Party to (and data for the Tropospheric Ozone Management Area (TOMA) in the case of Norway under the Protocol on VOCs). Tables 4 to 7 indicate whether Parties have reported on time (“X^T”) in the latest reporting round. In addition to reporting of national totals, these tables indicate submission of gridded data for pollutants as required by respective Protocol. Table 4 shows reporting of national total and gridded emission data for SO_x. Table 5 shows reporting of the total and gridded PAHs, dioxin/furans, and HCB emission data - the pollutants for which Parties to the Protocol on POPs have emission reduction obligations. Table 6 shows total and gridded emission data for the priority metals Cd, Pb and Hg under the Protocol on Heavy Metals. Table 7 shows reported national total and gridded emission data under the Gothenburg Protocol for SO₂, NO_x, VOCs and ammonia. National total emission data is presented on the basis of ‘fuel sold’ and ‘fuel used’ for the six Parties to the Gothenburg Protocol¹ that may choose the ‘fuel used’ option for compliance purposes. Table 7 also presents data on projections reporting under the Gothenburg Protocol for the years 2020, 2025 and 2030.

¹ These six countries are: Belgium, Lithuania, Luxembourg, the Netherlands, Switzerland and the United Kingdom.

STATUS OF EMISSION DATA REPORTED BY PARTIES TO THE PROTOCOLS

Table 1:
Emissions reported by Parties to the 1985 Protocol on Sulphur

	Party	Base year	2017	2018
		1980		
1	Albania	X	X	-
2	Austria	X	X	X
3	Belarus	X	X	X
4	Belgium	X	X	X
5	Bulgaria	X	X	X
6	Canada	X	X	X
7	Czechia	X	X	X
8	Denmark	X	X	X
9	Estonia	X	X	X
10	Finland	X	X	X
11	France	X	X	X
12	Germany	X	X	X
13	Hungary	X	X	X
14	Italy	X	X	X
15	Liechtenstein	X	X	X
16	Lithuania	X	X	X
17	Luxembourg	X	X	X
18	Netherlands	X	X	X
19	Norway	X	X	X
20	Russian Federation	X	X	X
21	Slovakia	X	X	X
22	Sweden	X	X	X
23	Switzerland	X	X	X
24	North Macedonia	X	X	X
25	Ukraine	X	X	X
	Total*	100%	100%	96%

X Data received

- No data received

n/a - Reporting obligation not applicable

*In the total only the provision of data indicated as "X" is counted.

The absence of data indicated with "-" and the provision of notation keys are counted as "not reported".

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

**Table 2:
Emissions reported by Parties to the Protocol on Nitrogen Oxides**

	Party	Base year	2017	2018
		1987 (for US only - 1978)		
1	Albania	X	X	-
2	Austria	X	X	X
3	Belarus	X	X	X
4	Belgium	X	X	X
5	Bulgaria	X	X	X
6	Canada*	X	X	X
7	Croatia	X	X	X
8	Cyprus	X	X	X
9	Czechia	X	X	X
10	Denmark	X	X	X
11	Estonia	X	X	X
12	Finland	X	X	X
13	France	X	X	X
14	Germany	X	X	X
15	Greece	X	X	X
16	Hungary	X	X	X
17	Ireland	X	X	X
18	Italy	X	X	X
19	Liechtenstein	X	X	X
20	Lithuania	X	X	X
21	Luxembourg	X	X	X
22	Netherlands	X	X	X
23	Norway	X	X	X
24	Poland	X	X	X
25	Russian Federation	X	X	X
26	Slovakia	X	X	X
27	Slovenia	X	X	X
28	Spain	X	X	X
29	Sweden	X	X	X
30	Switzerland	X	X	X
31	North Macedonia	X	X	X
32	Ukraine	X	X	X
33	United Kingdom	X	X	X
34	United States*	X	X	X
35	EU-28	X	X	X
	Total**	100%	100%	97%

X Data received

- No data received

*Party outside the geographic scope of EMEP

**In the total only the provision of data indicated as "X" is counted.

The absence of data indicated with "-" and the provision of notation keys are counted as "not reported".

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

**Table 3:
Emissions reported by Parties to the Protocol on VOCs**

	Party (base year)	Annual totals / TOMAs		Gridded data		
		base year	2018	2005	2010	2015
1	Austria (1988)	X	X	X	X	X ^x
2	Belgium (1988)	X	X	X	X	X ^x
3	Bulgaria (1988)	X	X	X	X	X ^x
4	Croatia (1988)	X	X	X ^x	X ^x	X ^x
5	Czechia(1990)	X	X	X	X	X ^x
6	Denmark (1985)	X	X	X	X	X ^x
7	Estonia (1988)	X	X	X	X	X
8	Finland (1988)	X	X	X	X	X ^x
9	France (1988)	X	X	X	X	X
10	Germany (1988)	X	X	X ^x	X ^x	X ^x
11	Hungary (1988)	X	X	X	X	X ^x
12	Italy (1990)	X	X	X	X	X ^x
13	Liechtenstein (1984)	X	X	n/a	n/a	-
14	Lithuania (1988)	X	X	X	X	X ^x
15	Luxembourg (1990)	X	X	X	X	X ^x
16	Monaco (1990)	X	X	n/a	n/a	X ^x
17	Netherlands (1988)	X	X	X ^x	X ^x	X ^x
18	Norway (1989)	X	X	X ^x	X ^x	X ^x
	Norway (1989) (TOMA)	X	X			
19	Slovakia (1990)	X	X	X	X	X ^x
20	Spain (1988)	X	X	X ^x	X ^x	X ^x
21	Sweden (1988)	X	X	X	X	X
22	Switzerland (1984)	X	X	X ^x	X ^x	X ^x
23	North Macedonia (1988)	X	X	n/a	n/a	X ^x
24	United Kingdom (1988)	X	X	X	X ^x	X ^x
	Total*	100%	100%	100%	100%	96%

Annual data:

X Data received

- No data received (or blank cells in the reporting table)

n/a - Reporting obligation not applicable

*In the total only the provision of data indicated as "X" is counted.

The absence of data indicated with "-" and the provision of notation keys are counted as "not reported".

Gridded data:

X gridded data received in 50x50 km² resolution

X^x gridded data received (also) in 0.1°x0.1° (long-lat) resolution

n/a Reporting obligation not applicable

- No data received

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

**Table 4:
Emissions reported by Parties to the 1994 Protocol on Sulphur**

	Party	2018	Gridded data		
			2005	2010	2015
1	Austria	X ^T	X	X	X ^x
2	Belgium	X ^T	X	X	X ^x
3	Bulgaria	X ^T	X	X	X ^x
4	Canada*	X ^T			
5	Croatia	X ^T	X ^x	X ^x	X ^x
6	Cyprus	X ^T	X	X	X
7	Czechia	X ^T	X	X	X ^x
8	Denmark	X ^T	X	X	X ^x
9	Finland	X ^T	X	X	X ^x
10	France	X ^T	X	X	X
11	Germany	X ^T	X ^x	X ^x	X ^x
12	Greece	X ^T	X	X	X
13	Hungary	X ^T	X	X	X ^x
14	Ireland	X ^T	X	X	X ^x
15	Italy	X	X	X	X ^x
16	Liechtenstein	X	n/a	n/a	-
17	Lithuania	X ^T	X	X	X ^x
18	Luxembourg	X ^T	X	X	X ^x
19	Monaco	X	n/a	n/a	X ^x
20	Netherlands	X	X ^x	X ^x	X ^x
21	Norway	X ^T	X ^x	X ^x	X ^x
22	Slovakia	X ^T	X	X	X ^x
23	Slovenia	X ^T	X	X	X ^x
24	Spain	X ^T	X ^x	X ^x	X ^x
25	Sweden	X ^T	X	X	X
26	Switzerland	X ^T	X ^x	X ^x	X ^x
27	North Macedonia	X ^T	n/a	n/a	X ^x
28	United Kingdom	X ^T	X	X ^x	X ^x
29	EU-28 (EU-27)**	X ^T	X	X	X ^x
	EU-12	X ^T			
	Total***	100%	100%	100%	96%

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

X ¹	Data received on time. i.e. by 15 February for annual totals and 30 April for the EU (only for the current reporting round)		
X	Data received late (only for the current reporting round)		
-	No data received		
n/a	Reporting obligation not applicable		
*	Party outside the geographic scope of EMEP		
**	The EU reports annual data for EU 28 in its NFR. Gridded data are for EU27.		
***	In the total only the provision of data indicated as "X" or "XT" is counted.		
	The absence of data indicated with "-" and the provision of notation keys are counted as "not reported".	X	gridded data received in 50x50 km ² resolution
		X ²	gridded data received (also) in 0.1°x0.1° (long-lat) resolut
	EU-12 has not been considered as part of the Total.	n/a	Reporting obligation not applicable
		-	No data received

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

**Table 5:
Emissions reported by Parties to the Protocol on POPs**

	Party (base year)	Base year			Annual totals			Gridded data								
		Diox	PAH	HCB	2018			PCDD/Fs			PAHs			HCB		
					2005	2010	2015	2005	2010	2015	2005	2010	2015			
1	Austria (1987)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
2	Belgium (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
3	Bulgaria (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
4	Canada* (1990)	X	X	X	X†	X†	X†									
5	Croatia (1990)	X	X	X	X†	X†	X†	X*	X*	X*	X*	X*	X*	X*	X*	X*
6	Cyprus (1990)	X	X	X	X†	X†	X†	X	X	X	X	X	X	X	X	X
7	Czechia (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
8	Denmark (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
9	Estonia (PAH - 1995; Diox - 1990; HCB - 1995)	X	X	X	X†	X†	X†	X	X	X	X	X	X	X	X	X
10	Finland (1994)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
11	France (1990)	X	X	X	X†	X†	X†	X	X	X	X	X	X	X	X	X
12	Germany (1990)	X	X	X	X†	X†	X†	X*	X*	X*	X*	X*	X*	X*	X*	X*
13	Hungary (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
14	Iceland (1990)	X	X	X	X	X	X	X	X	-	X	X	-	X	X	-
15	Italy (1990)	X	X	X	X	X	X	X	X	X*	X	X*	NE	X	X	X*
16	Latvia (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
17	Liechtenstein (1990)	X	X	X	X	X	X	n/a	n/a	-	n/a	n/a	-	n/a	n/a	-
18	Lithuania (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
19	Luxembourg (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
20	Montenegro (1990)	X	X	X	X	X	X	n/a	n/a	-	n/a	n/a	-	n/a	n/a	-
21	Netherlands (1990)	X	X	X	X	X	X	X*	X*	X*	X*	X*	X*	X*	X*	X*
22	Norway (1990)	X	X	X	X†	X†	X†	X*	X*	X*	X*	X*	X*	X*	X*	X*
23	Republic of Moldova (1990)	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
24	Romania (1989)	X	X	X	X†	X†	X†	X*	X*	X*	X*	X*	X*	X*	X*	X*
25	Serbia (1990)	X	X	X	X†	X†	X†	n/a	n/a	-	n/a	n/a	-	n/a	n/a	-
26	Slovakia (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
27	Slovenia (1990)	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
28	Spain (1990)	X	X	X	X†	X†	X†	X*	X*	X*	X*	X*	X*	X*	X*	X*
29	Sweden (1990)	X	X	X	X†	X†	X†	X	X	X	X	X	X	X	X	X
30	Switzerland (1990)	X	X	X	X†	X†	X†	X*	X*	X*	X*	X*	X*	X*	X*	X*
31	North Macedonia (1990)	X	X	X	X†	X†	X†	n/a	n/a	X*	n/a	n/a	X*	n/a	n/a	X*
32	United Kingdom (1990)	X	X	X	X†	X†	X†	X	X*	X*	X	X*	X	X*	X*	X*
33	EU-28 (1990)**	X	X	X	X†	X†	X†	X	X	X*	X	X	X*	X	X	X*
	Total***	100%	100%	100%	97%	97%	97%	97%	97%	84%	97%	97%	84%	94%	97%	84%

X† Data received on time, i.e. by 15 February for annual totals and 30 April for the EU (only for the current reporting round)
X Data received late (only for the current reporting round)
- No data received
n/a Reporting obligation not applicable
NE "Not Estimated" (notation key from the Guidelines for reporting emissions and projections data used by Party)
* Party outside the geographic scope of EMEP
** The EU reports annual data for EU 28 in its NFR. Gridded data are for EU27.
*** In the total only the provision of data indicated as "X" or "X†" is counted. The absence of data indicated with "-" and the provision of notation keys are counted as "not reported".

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

Table 6:

Emissions reported by Parties to the Protocol on Heavy Metals

	Party (Base year)	Base year			Gridded data		
			2017	2018	2005	2010	2015
1	Austria (1985)	X	X	X ^T	X	X	X ^x
2	Belgium (1990)	X	X	X ^T	X	X	X ^x
3	Bulgaria (1990)	X	X	X ^T	X	X	X ^x
4	Canada* (1990)	X	X	X ^T			
5	Croatia (1990)	X	X	X ^T	X ^x	X ^x	X ^x
6	Cyprus (1990)	X	X	X ^T	X	X	X
7	Czech Republic (1990)	X	X	X ^T	X	X	X ^x
8	Denmark (1990)	X	X	X ^T	X	X	X ^x
9	Estonia (1990)	X	X	X ^T	X	X	X
10	Finland (1990)	X	X	X ^T	X	X	X ^x
11	France (1990)	X	X	X ^T	X	X	X
12	Germany (1990)	X	X	X ^T	X ^x	X ^x	X ^x
13	Hungary (1990)	X	X	X ^T	X	X	X ^x
14	Latvia (1990)	X	X	X ^T	X	X	X ^x
15	Liechtenstein (1990)	X	X	X	n/a	n/a	-
16	Lithuania (1990)	X	X	X ^T	X	X	X ^x
17	Luxembourg (1990)	X	X	X ^T	X	X	X ^x
18	Monaco (1992)	X	X	X	n/a	n/a	X ^x
19	Montenegro (1990)	X	X	X	n/a	n/a	-
20	Netherlands (1990)	X	X	X	X ^x	X ^x	X ^x
21	Norway (1990)	X	X	X ^T	X ^x	X ^x	X ^x
22	Portugal (1990)	X	X	X ^T	X	X	X ^x
23	Republic of Moldova (1990)	X	X	-	-	-	-
24	Romania (1989)	X	X	X ^T	X ^x	X	X ^x
25	Serbia (1990)	X	X	X ^T	n/a	n/a	-
26	Slovakia (1990)	X	X	X ^T	X	X	X ^x
27	Slovenia (1990)	X	X	X ^T	X	X	X ^x
28	Spain (1990)	X	X	X ^T	X ^x	X ^x	X ^x
29	Sweden (1990)	X	X	X ^T	X	X	X
30	Switzerland (1990)	X	X	X ^T	X ^x	X ^x	X ^x
31	North Macedonia (1990)	X	X	X ^T	n/a	X	X ^x
32	United Kingdom (1990)	X	X	X ^T	X	X ^x	X ^x
33	United States* (1990)	X	n/a	n/a			
34	EU-28 (1990)**	X	X	X ^T	X	X	X ^x
	Total***	100%	100%	97%	97%	97%	88%

X ^T	Data received on time, i.e. by 15 February for annual totals and 30 April for the EU (only for the current rep. rc X		gridded data received in 50x50 km ² resolution
X	Data received late (only for the current reporting round)		X ^x gridded data received (also) in 0.1x0.1 (long-lat) resolution
-	No data received (or blank cells in the reporting table)		n/a Reporting obligation not applicable
n/a	Reporting obligation not applicable		- No data received
NE	"Not Estimated" (notation key from the Guidelines for reporting emissions and projections data used by Party)		
*	Party outside the geographic scope of EMEP		
**	The EU reports annual data for EU 28 in its NFR. Gridded data are for EU27.		
***	In the total only the provision of data indicated as "X" or "X ^T " is counted. The absence of data indicated with "-" and the provision of notation keys are counted as "not reported".		

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

**Table 7:
Emissions reported by Parties to the Gothenburg Protocol: annual data and projections**

	Party	Projections*																Gridded data												
		2018				2020				2025				2030				VOCs			Sulphur			NO _x			NH ₃			
		SO ₂	NO _x	VOCs	NH ₃	SO ₂	NO _x	VOCs	NH ₃	SO ₂	NO _x	VOCs	NH ₃	SO ₂	NO _x	VOCs	NH ₃	2005	2010	2015	2005	2010	2015	2005	2010	2015	2005	2010	2015	
1	Belgium (fuel sold)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X	X [*]	X	X	X [*]	X	X	X [*]	X	X	X [*]
	Belgium (fuel used)	X [†]	X [†]	X [†]	X [†]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a												
2	Bulgaria	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X	X	X [*]	X	X	X [*]	X	X	X [*]
3	Canada	X [†]	X [†]	X [†]	X [†]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a												
4	Croatia	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
5	Cyprus	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	Czech Republic	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X	X	X [*]	X	X	X [*]	X	X	X [*]
7	Denmark	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	Finland	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	France	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Germany	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
11	Hungary	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	Latvia	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	Lithuania (fuel sold)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Lithuania (fuel used)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a												
14	Luxembourg (fuel sold)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Luxembourg (fuel used)	X [†]	X [†]	X [†]	X [†]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a											
15	Netherlands (fuel sold)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
	Netherlands (fuel used)	X	X	X	X	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a												
16	Norway	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
17	Portugal	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	Romania	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
19	Slovakia	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	Slovenia	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	Spain (EMEP territory)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
22	Sweden	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	Switzerland (fuel sold)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]	X [*]
	Switzerland (fuel used)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	n/a	n/a	n/a	n/a	X	X	X	X													
24	North Macedonia	X [†]	X [†]	X [†]	X [†]	X	X	X	-	-	-	-	-	-	-	-	-	n/a	n/a	X [*]	n/a	n/a	X [*]	n/a	n/a	X [*]	n/a	n/a	X [*]	
25	United Kingdom (fuel sold)	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X [*]	X [*]	X [*]	X	X [*]	X [*]	X	X [*]	X [*]	X [*]
	United Kingdom (fuel used)	X [†]	X [†]	X [†]	X [†]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a												
26	United States	X	X	X	X	X	X	X	X	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a													
	United States (PEMA)**	-	-	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a													
	EU-28 (EU-27)**	X [†]	X [†]	X [†]	X [†]	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	EU-15	X [†]	X [†]	X [†]	X [†]	-	-	-	-	-	-	-	-	-	-	-	-													
	Total****	97%	97%	97%	100%	100%	100%	98%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%

**Fortieth session of the Executive Body
for the Convention on Long-range Transboundary Air Pollution
Informal document no.2**

X ^T	Data received on time. i.e. by 15 February for annual totals and 15 March for projections and 30 April for the EU for annual totals and projections (only for the current reporting round)
X	Data received late (only for the current reporting round)
-	No data received (or blank cells in the reporting table)
n/a	Reporting obligation not applicable
*	The value reported under projections is the national total value for the entire territory, which is based on fuel sold. Only the United Kingdom report the projected value based on fuel used. Parties to the Gothenburg Protocol within the geographical scope of EMEP shall regularly update their projections and report every four years from 2015 onward their updated projections, for the years 2020, 2025 and 2030.
**	Party outside the geographic scope of EMEP
***	Obligations for EU28 are included under the revised GP. The EU reports annual data for EU 28 in its NFR. Gridded data are for EU27.
****	In the total only the provision of data indicated as "X" or "XT" is counted. The absence of data indicated with "-" and the provision of notation keys are counted as "not reported". EU-15 has not been considered as part of the Total.

According to the guidelines there are 8 countries that can report emissions on the basis of fuel used for compliance purposes under the GP;
6 of these are Parties to the Protocol and are indicated in blue above; the non-submission of "fuel used" data does not indicate a case of non-reporting

The US has obligations under the GP for PEMA's instead of the entire territory; see below for the difference in PEMA's per pollutant

SO _x	48 contiguous United States and District of Columbia (indicative ceiling)
NO _x and VOC	Connecticut, Delaware, the District of Columbia, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin (indicative ceiling)

X	gridded data received in 50x50 km ² resolution
X ^x	gridded data received (also) in 0.1°x0.1° (long-lat) resolution
n/a	Reporting obligation not applicable
-	No data received