

COMPLIANCE WITH REPORTING OBLIGATIONS

Note by the secretariat

This document contains information referred to in the sixteenth report of the Implementation Committee (ECE/EB.AIR/2013/3 and ECE/EB.AIR/2013/4) and its recommendations to the Executive Body (ECE/EB.AIR/2013/5). This information provided the basis for the Committee's evaluation of compliance by Parties with their obligations to report on emission data and on strategies and policies.

Part I presents the status of emission data reporting as of 3 September 2012 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 by the secretariat in cooperation with the EMEP Centre on Emission Inventories and Projections (CEIP) and were revised to reflect the comments by the Committee.

The "X's" in the tables refer to the submission of national totals for each Party that submitted data to CEIP (and notified the secretariat about their submission). Tables 1 to 3 indicate whether Parties have reported national totals for the pollutant required under 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 ("XT") in the latest reporting round. Additionally to national totals, these tables also show gridded data for the pollutant required under the respective Protocol. Table 4 shows reporting for national total and gridded SO_x emission data. Table 5 shows reporting for total and gridded PAHs, Dioxin/Furans, HCB emission data - the three POPs for which Parties to the Protocol have emission reduction obligations. Table 6 shows total and gridded emission data for the priority metals Cd, Pb and Hg under the Protocol. 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 those six countries that may choose the 'fuel used' option for compliance purposes and are Party to the Protocol¹. Additionally, Table 7 also presents data on projection reporting for the years 2015 and 2020.

Part II presents an update by the secretariat of the overview of responses to the 2010 Questionnaire on Strategies and Policies for Air Pollution Abatement submitted by 26 August 2013.

¹ These six countries include: Belgium, Lithuania, Luxembourg, the Netherlands, Switzerland and the UK.

Part I

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	Annual totals	
		1980	2010	2011
1	Albania	-	-	-
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	Czech Republic	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	-
21	Slovakia	X	X	X
22	Sweden	X	X	X
23	Switzerland	X	X	X
24	The FYR of Macedonia	-	X	X
25	Ukraine	X	X	X
	Total*	92%	96%	92%

X Data received

- No data received.

The absence of data indicated with "-" is counted as "not reported".

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

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

	Party	Base year	Annual totals	
		1987 (for US only - 1978)	2010	2011
1	Albania	-	-	-
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
8	Cyprus	X	X	X
9	Czech Republic	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	-
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	The FYR of Macedonia	-	X	X
32	Ukraine	X	X	X
33	United Kingdom	X	X	X
34	United States*	X	X	X
35	EU-27	X	X	X
	Total**	91%	97%	94%

X Data received

- No data received. The absence of data indicated with "-" is counted as "not reported".

* Party outside the geographic scope of EMEP

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

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

	Party (base year)	Annual totals / TOMAs	
		Base year	2011
1	Austria (1988)	X	X
2	Belgium (1988)	X	X
3	Bulgaria (1988)	X	X
4	Croatia (1988)	-	X
5	Czech Republic (1990)	X	X
6	Denmark (1985)	X	X
7	Estonia (1988)	X	X
8	Finland (1988)	X	X
9	France (1988)	X	X
10	Germany (1988)	X	X
11	Hungary (1988)	X	X
12	Italy (1990)	X	X
13	Liechtenstein (1984)	X	X
14	Lithuania (1988)	X	X
15	Luxembourg (1990)	X	X
16	Monaco (1990)	X	X
17	Netherlands (1988)	X	X
18	Norway (1989)	X	X
	Norway (1989) (TOMA)	X	X
19	Slovakia (1990)	X	X
20	Spain (1988)	X	X
21	Sweden (1988)	X	X
22	Switzerland (1984)	X	X
23	The FYR of Macedonia (1988)	-	X
24	United Kingdom (1988)	X	X
	Total*	92%	100%

X Data received

- No data received. The absence of data indicated with "-" is counted as "not reported".

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

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

	Party	Annual totals	Gridded data for EMEP Parties		
		2011	2000	2005	2010
1	Austria	XT	X	X	X
2	Belgium	XT	n/a	X	X
3	Bulgaria	XT	n/a	X	X
4	Canada*	XT	n/a	n/a	n/a
5	Croatia	XT	X	X	X
6	Cyprus	XT	n/a	X	X
7	Czech Republic	XT	X	X	X
8	Denmark	XT	X	X	X
9	Finland	XT	X	X	X
10	France	XT	X	X	X
11	Germany	XT	X	X	X
12	Greece	X	X	X	X
13	Hungary	X	n/a	X	X
14	Ireland	XT	X	X	X
15	Italy	X	X	X	X
16	Liechtenstein	XT	n/a	n/a	n/a
17	Lithuania	XT	n/a	X	X
18	Luxembourg	X	-	-	-
19	Monaco	X	n/a	n/a	n/a
20	Netherlands	XT	X	X	X
21	Norway	XT	X	X	X
22	Slovakia	XT	X	X	X
23	Slovenia	XT	X	X	X
24	Spain	XT	X	X	X
25	Sweden	XT	X	X	X
26	Switzerland	XT	X	X	X
27	United Kingdom	XT	X	X	X
28	EU-27**	XT	X	X	X
	EU-12	X	-	-	-
	Total***	100%	95%	96%	96%

XT 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. The absence of data indicated with "-" is counted as "not reported".

n/a - Reporting obligation not applicable

* Party outside the geographic scope of EMEP

** The EU customarily reports data for EU 27 in its NFR

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

EU-12 has not been considered as part of the Total.

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

	Party (base year)	Base year			Annual totals												Gridded data					
					2008			2009			2010			2011			2005			2010		
		Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB
1	Austria (1987)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
2	Belgium (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
3	Bulgaria (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
4	Canada* (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	n/a	n/a	n/a	n/a	n/a	n/a
5	Croatia (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	n/a	n/a	n/a	X	X	-
6	Cyprus (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
7	Czech Republic (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
8	Denmark (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	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	XT	XT	XT	X	X	X	X	X	X
10	Finland (1994)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
11	France (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
12	Germany (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
13	Hungary (1990)	X	X	X	X	X	X	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	X	X	X	X	X	X	X	X	X
15	Italy (1990)	X	X	X	X	X	X	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	XT	XT	XT	X	X	X	X	X	X
17	Liechtenstein (1990)	X	X	-	X	X	-	X	X	-	X	X	-	XT	XT	-	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	XT	XT	X	X	X	X	X	X	X
19	Luxembourg (1990)	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
20	Montenegro (1990)	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	n/a	n/a	n/a	n/a
21	Netherlands (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X

22	Norway (1990)	X	X	NE	X	X	NE	X	X	NE	X	X	NE	XT	XT	NE	NE	NE	NE	NE	NE	
23	Republic of Moldova (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	-	-	-	-	-	-
24	Romania (1989)	NE	NE	NE	X	X	X	X	X	X	X	X	X	XT	XT	XT	NE	NE	NE	-	-	-
25	Serbia (1990)	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	n/a	n/a	n/a	n/a
26	Slovakia (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
27	Slovenia (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	n/a	n/a	n/a	X	X	X
28	Spain (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
29	Sweden (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	NE	X	X	X
30	Switzerland (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	X	X	X	NA	X	X	NA
31	The FYR of Macedonia (1990)	NE	NE	NE	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	XT	NE	NE	n/a	n/a	n/a	n/a	n/a	n/a
32	United Kingdom (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
33	EU-27 (1990)	X	X	X	X	X	X	X	X	X	X	X	X	XT	XT	XT	X	X	X	X	X	X
	Total** in %	94	94	87	100	100	9	100	100	9	100	100	93	97	94	87	85	85	73	86	86	79

XT 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

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

n/a Reporting obligation not applicable

NA "Not Applicable" (notation key from the Emission Reporting Guidelines used by Party).

NE "Not Estimated" (notation key from the Emission Reporting Guidelines used by Party).

* Party outside the geographic scope of EMEP

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

Table 6:
Emissions reported by Parties to the Protocol on Heavy Metals

	Party (Base year)	Base year	Annual totals				Gridded data	
			2008	2009	2010	2011	2005	2010
1	Austria (1985)	X	X	X	X	XT	X	X
2	Belgium (1990)	X	X	X	X	XT	X	X
3	Bulgaria (1990)	X	X	X	X	XT	X	X
4	Canada* (1990)	X	n/a	X	X	XT	n/a	n/a
5	Croatia (1990)	X	X	X	X	XT	n/a	X
6	Cyprus (1990)	X	X	X	X	XT	X	X
7	Czech Republic (1990)	X	X	X	X	XT	X	X
8	Denmark (1990)	X	X	X	X	XT	X	X
9	Estonia (1990)	X	X	X	X	XT	X	X
10	Finland (1990)	X	X	X	X	XT	X	X
11	France (1990)	X	X	X	X	XT	X	X
12	Germany (1990)	X	X	X	X	XT	X	X
13	Hungary (1990)	X	X	X	X	X	X	X
14	Latvia (1990)	X	X	X	X	XT	X	X
15	Liechtenstein (1990)	X	X	X	X	XT	n/a	n/a
16	Lithuania (1990)	X	X	X	X	XT	X	X
17	Luxembourg (1990)	X	-	-	-	-	-	-
18	Monaco (1992)	X	X	X	X	X	n/a	n/a
19	Montenegro (1990)	n/a	n/a	n/a	n/a	n/a	n/a	n/a
20	Netherlands (1990)	X	X	X	X	XT	X	X
21	Norway (1990)	X	X	X	X	XT	NE	NE
22	Republic of Moldova (1990)	X	X	X	X	XT	-	-
23	Romania (1989)	NE	X	X	X	XT	NE	NE
24	Serbia (1990)	n/a	n/a	n/a	n/a	n/a	n/a	n/a
25	Slovakia (1990)	X	X	X	X	XT	X	X
26	Slovenia (1990)	X	X	X	X	XT	X	X
27	Spain (1990)	X	X	X	X	XT	X	X
28	Sweden (1990)	X	X	X	X	XT	X	X
29	Switzerland (1990)	X	X	X	X	XT	X	X
30	The FYR of Macedonia (1990)	X	X	X	X	XT	n/a	-
31	United Kingdom (1990)	X	X	X	X	XT	X	X
32	United States* (1990)	X	X	n/a	n/a	n/a	n/a	n/a
33	EU-27 (1990)	X	X	X	X	XT	X	X
	Total**	97%	97%	97%	97%	97%	84%	81%

XT 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 (or blank cells in the reporting table)

n/a - Reporting obligation not applicable

NE "Not Estimated" (notation key from the Emission Reporting Guidelines used by Party)

* Party outside the geographic scope of EMEP

** 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".

Table 7:
Emissions reported by Parties to Gothenburg Protocol

	Party	Annual totals				Gridded data				Gridded data				Projections*				Projections*			
		2011				2005				2010				2015				2020			
		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	SO ₂	NO _x	VOCs	NH ₃
1	Belgium	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Belgium (fuel used)	XT	XT	XT	XT	X	X	X	X	X	X	X	X	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2	Bulgaria	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Croatia	XT	XT	XT	XT	n/a	n/a	n/a	n/a	X	X	X	X	X	X	X	X	X	X	X	X
4	Cyprus	XT	XT	XT	XT	X	n/a	n/a	n/a	X	X	X	X	X	X	X	X	X	X	X	X
5	Czech Republic	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	Denmark	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	Finland	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	France	XT	XT	XT	XT	n/a	n/a	n/a	n/a	X	X	X	X	X	X	X	X	X	X	X	X
9	Germany	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Hungary	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	Latvia	XT	XT	XT	XT	X	X	X	X	-	-	-	-	X	X	X	X	X	X	X	X
12	Lithuania	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Lithuania (fuel used)	XT	XT	XT	XT	X	X	X	X	X	X	X	X	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
13	Luxembourg	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	n/a	n/a
14	Netherlands	XT	XT	XT	NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Netherlands (fuel used)	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	Norway	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	Portugal	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	Romania	XT	XT	XT	XT	X	X	X	X	-	-	-	-	X	X	X	X	X	X	X	X
18	Slovakia	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	Slovenia	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

20	Spain (EMEP territory)	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	Sweden	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	Switzerland	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Switzerland (fuel used)	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	United Kingdom	XT	XT	XT	XT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	United Kingdom (fuel used)	NE	NE	NE	NE	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
24	United States ** (PEMA)	X	X	X	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	X	X	X	X	X	X	X	X	X
25	EU-27***	XT	XT	XT	XT	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
	EU-15	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total****	97%	97%	97%	93%	92%	92%	92%	92%	86%	86%	86%	86%	89%	89%	89%	89%	89%	89%	89%	89%	89%

XT 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 (or blank cells in the reporting table)

n/a Reporting obligation not applicable

NE "Not Estimated" (notation key from the Emission Reporting Guidelines used by Party).

* The value reported under projections is the national total value for the entire territory, which is based on fuel sold. Only the Netherlands report the projected value based on fuel used.

** Party outside the geographic scope of EMEP

*** Obligations for EU27 are included under the revised GP. The EU has customarily reported data for EU27 in its NFR.

**** 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

SOx 48 contiguous United States and District of Columbia (indicative ceiling)

NOx 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)

Part II

INFORMATION SUBMITTED UNDER THE 2010 QUESTIONNAIRE ON STRATEGIES AND POLICIES FOR AIR POLLUTION ABATEMENT

Table 8. 2010 review on strategies and policies: responses received by Parties to the Protocols in force until 26 August 2013

Party Protocol	1985 Sulphur (Q.1)	1988 NOx (Q.2– 6)	1991 ² VOCs (Q.7–12)	1994 Sulphur (Q.13–17)	1998 ³ POPs (Q.18–31)	1998 ⁴ Heavy Metals (Q.32–38)	1999 Gothenburg (Q. 39–66)
1. Albania	B	B					
2. Austria	A	A	A	A	A	A	
3. Belarus	B	B	R		R		R
4. Belgium	A	A	A	A	A	A	A
5. Bulgaria	A	A	A	A	A	A	A
6. Canada	A	A	R	B	A	B	R
7. Croatia		B	B	B	B	B	B
8. Cyprus	R	A	R	A	A	A	A
9. Czech Republic	A	A	A	A	A	A	A
10. Denmark	A	A	A	A	A	A	A
11. Estonia	A	A	A		A	A	R
12. Finland	A	A	A	A	A	A	A
13. France	B	B	B	B	B	B	B
14. Germany	B	B	B	B	<i>B</i>	B	B
15. Greece		B		B			
16. Hungary	A	A	A	A	A	A	B
17. Iceland					B		
18. Ireland		B		B			
19. Italy	B	B	B	B	B		R


² Questions 9-10 refer only to Parties in those areas in which national or international tropospheric ozone standards are exceeded or where transboundary fluxes originate or are expected to originate. Estonia did not respond to 9-10 and the Czech Republic did not respond to 9 but because they had no obligation to do so, they are marked as having answered all questions.

³ Questions 28-29 are not mandatory. The obligation will become effective after 23 October 2011.

⁴ Questions 35-36 are not mandatory. The obligation will become effective after 23 October 2011.

Party Protocol	1985 Sulphur (Q.1)	1988 NOx (Q.2–6)	1991⁵ VOCs (Q.7–12)	1994 Sulphur (Q.13–17)	1998⁶ POPs (Q.18–31)	1998⁷ Heavy Metals (Q.32–38)	1999 Gothenburg (Q. 39–66)
20. Latvia					None	None	None
21. Liechtenstein	A	A	A	A	A	A	
22. Lithuania	B	B	B	B	B	B	B
23. Luxembourg	B	B	B	B	B	B	C(q.64-66)
24. Monaco			B	B		B	
25. Netherlands	A	A	A	A	A	A	A
26. Norway	A	A	A	A	A	A	A
27. Portugal							A
28. Republic of Moldova					B	B	
29. Romania					A	A	A
30. Russian Federation	A	C(q.4)					
31. Slovakia	A	A	A	A	A	A	A
32. Slovenia	R	A		A	A	A	A
33. Spain		A	A	A			B
34. Sweden	A	A	A	A	A	A	A
35. Switzerland	A	A	A	A	A	A	B
36. Ukraine	A	A	R	R	R	R	R
37. United Kingdom	R	A	A	A	A	A	A
38. United States		A				A	A
39. European Union		None		None	None	None	None

Notes:

- A: Response to all questions related to the Protocol received by 1 April 2010.
 B: Response to all questions related to the Protocol received, but not by 1 April 2010.
 C (no...): Response to all questions related to the Protocol received, except those specified.
 None: No response received to any question regarding the Protocol.
 Not applicable (not Party to the Protocol).
 R Reply by a non-Party to the Protocol

⁵ Questions 9-10 refer only to Parties in those areas in which national or international tropospheric ozone standards are exceeded or where transboundary fluxes originate or are expected to originate. Estonia did not respond to 9-10 and the Czech Republic did not respond to 9 but because they had no obligation to do so, they are marked as having answered all questions.

⁶ Questions 28-9 are not mandatory. The obligation will become effective after 23 October 2011.

⁷ Questions 35-36 are not mandatory. The obligation will become effective after 23 October 2011.