

COMPLIANCE WITH REPORTING OBLIGATIONS

Note by the secretariat

This document contains information referred to in the fifteenth report of the Implementation Committee (ECE/EB.AIR/2012/16) and its recommendations to the Executive Body (ECE/EB.AIR/2012/17). 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 5 September 2012 and contains seven tables reflecting reporting under the seven Protocols in force: the 1985 Sulphur Protocol, the Protocol on Nitrogen Oxides, the Protocol on Volatile Organic Compounds (VOCs), the 1994 Protocol on Sulphur, the Protocol on Heavy Metals, the Protocol on Persistent Organic Pollutants (POPs) and the Gothenburg Protocol. The tables were prepared by the secretariat with the help of 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 4 show whether Parties have reported national totals for the pollutant required under Protocols they are Party to. Tables 4 to 7 show whether Parties have reported on time (“X^T”) in the latest reporting round. Table 5 shows reporting for total PAHs, Dioxin/Furans, HCB - the three POPs for which Parties to the Protocol have emission reduction obligations. Table 6 shows heavy metal reporting of the priority metals (Cd, Pb and Hg). Table 7 shows reporting under the Gothenburg Protocol for SO₂, NO_x, VOCs and ammonia.

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 31 July 2012.

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
Albania	-	-
Austria	X	X
Belarus	X	X
Belgium	X	X
Bulgaria	X	X
Canada	X	X
Czech Republic	X	X
Denmark	X	X
Estonia	X	X
Finland	X	X
France	X	X
Germany	X	X
Hungary	X	X
Italy	X	X
Liechtenstein	X	X
Lithuania	X	X
Luxembourg	X	X
Netherlands	X	X
Norway	X	X
Russian Federation	X	X
Slovakia	X	X
Sweden	X	X
Switzerland	X	X
The FYR of Macedonia	-	X
Ukraine	X	X
Total	92%	96%

X Data received

- No data received

n/a - Reporting obligation not applicable

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

Party	Base year	Annual totals
	1987 (for US only – 1978)	2010
Albania	-	-
Austria	X	X
Belarus	X	X
Belgium	X	X
Bulgaria	X	X
Canada	X	X
Croatia	-	X
Cyprus	X	X
Czech Republic	X	X
Denmark	X	X
Estonia	X	X
Finland	X	X
France	X	X
Germany	X	X
Greece	X	X
Hungary	X	X
Ireland	X	X
Italy	X	X
Liechtenstein	X	X
Lithuania	X	X
Luxembourg	X	X
Netherlands	X	X
Norway	X	X
Russian Federation	X	X
Slovakia	X	X
Slovenia	X	X
Spain	X	X
Sweden	X	X
Switzerland	X	X
The FYR of Macedonia	-	X
Ukraine	X	X
United Kingdom	X	X
United States	X	X
European Union	X	X
Total	91%	97%

X Data received

- No data received

n/a - Reporting obligation not applicable

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

Party (base year)	Annual totals / TOMAs	
	Base year	2010
Austria (1988)	X	X
Belgium (1988)	-	X
Bulgaria (1988)	X	X
Croatia (1988)	-	X
Czech Republic (1990)	X	X
Denmark (1985)	X	X
Estonia (1988)	X	X
Finland (1988)	X	X
France (1988)	X	X
Germany (1988)	X	X
Hungary (1988)	X	X
Italy (1990)	X	X
Liechtenstein (1984)	X	X
Lithuania (1988)	X	X
Luxembourg (1990)	X	X
Monaco (1990)	X	X
Netherlands (1988)	X	X
Norway (1989)	X	X
Slovakia (1990)	X	X
Spain (1988)	X	X
Sweden (1988)	X	X
Switzerland (1984)	X	X
The FYR of Macedonia (1988)	-	X
United Kingdom (1988)	X	X
Total	88%	100%

X Data received

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

n/a - Reporting obligation not applicable

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

Party	Annual totals	Gridded data for EMEP Parties		
	2010	2000	2005	2010
Austria	X ^T	X	X	X
Belgium	X ^T	n/a	X	X ^T
Bulgaria	X ^T	n/a	X	X ^T
Canada*	X ^T	n/a	n/a	n/a
Croatia	X ^T	X	X	X ^T
Cyprus	X ^T	n/a	X	X ^T
Czech Republic	X ^T	X	X	X
Denmark	X ^T	X	X	X ^T
Finland	X ^T	X	X	X ^T
France	X ^T	X	X	-
Germany	X ^T	X	X	X ^T
Greece	X ^T	X	X	X
Hungary	X ^T	n/a	X	-
Ireland	X ^T	X	X	X
Italy	X ^T	X	X	-
Liechtenstein	X ^T	n/a	n/a	n/a
Lithuania	X ^T	n/a	X	X ^T
Luxembourg	X ^T	-	-	-
Monaco	X ^T	n/a	n/a	n/a
Netherlands	X ^T	X	X	X ^T
Norway	X ^T	X	X	X ^T
Slovakia	X ^T	X	X	X ^T
Slovenia	X ^T	X	X	X
Spain	X ^T	X	X	X ^T
Sweden	X ^T	X	X	X ^T
Switzerland	X ^T	X	X	-
The FYR of Macedonia	X ^T	n/a	n/a	-
United Kingdom	X ^T	X	X	-
European Union	X	X	X	X
Total	100%	95%	96%	73%

X^T Data received on time, i.e. by 15 February for annual totals and by 1 March for gridded data; 30 April for the European Union (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

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

Party (base year)	Annual totals						Gridded data					
	Base year			2010			2005			2010		
	Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB	Diox	PAH	HCB
Austria (1987)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X	X	X
Belgium (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Bulgaria (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Canada* (1990)	X	X	X	X ^T	X ^T	X ^T	n/a	n/a	n/a	n/a	n/a	n/a
Croatia (1990)	X	X	X	X ^T	X ^T	NA ^T	n/a	n/a	n/a	X ^T	X ^T	NA ^T
Cyprus (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Czech Republic (1990)	X	X	-	X ^T	X ^T	X ^T	X	X	X	X	X	X
Denmark (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Estonia(PAH - 1995; Diox - 1990; HCB - 1995)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Finland (1994)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
France (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	-	-	-
Germany (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Hungary (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	-	-	-
Iceland (1990)	X	X	X	X	X	X	X	X	NE	X	X	NE
Italy (1990)	X	X	X	X	X	X	X	X	NE	-	-	-
Latvia (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	-	-	-
Liechtenstein (1990)	X	X	NA	X	X	NA	n/a	n/a	n/a	n/a	n/a	n/a
Lithuania (1990)	X	X	NA	X ^T	X ^T	NE ^T	X	X	NA	X ^T	X ^T	NA ^T
Luxembourg (1990)	X	X	X	X	X	X	-	-	-	-	-	-
Netherlands (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Norway (1990)	X	X	NE	X ^T	X ^T	NE ^T	NE	NE	NE	NE ^T	NE ^T	NE ^T
Republic of Moldova (1990)	X	X	X	X	X	X	-	-	-	-	-	-
Romania (1989)	NE	NE	NE	X ^T	X ^T	X ^T	NE	NE	NE	-	-	-

Slovakia (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Slovenia (1990)	X	X	X	X ^T	X ^T	X ^T	n/a	n/a	n/a	X	X	X
Spain (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	X	X ^T	X ^T	X ^T
Sweden (1990)	X	X	X	X ^T	X ^T	X ^T	X	X	NE	X ^T	X ^T	X ^T
Switzerland (1990)	X	X	NO/NA/IE	X ^T	X ^T	NO/NE/NA/IE ^T	X	X	NO	-	-	-
The FYR of Macedonia (1990)	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a	n/a
United Kingdom (1990)	X	X	X	X ^T	X ^T	X ^T	X	NE	NE	-	-	-
European Union (1990)	X	X	X	X	X	X	X	X	X	X	X	X
Total	97%	97%	94%	97%	97%	97%	92%	92%	92%	68%	68%	68%

X^T Data received on time i.e. by 15 February for annual totals and by 1 March for gridded data; 30 April for the European Union (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

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)

NR "Not reported" (notation key from the Emission Reporting Guidelines used by Party)

NO "Not Occurring" (notation key from the Emission Reporting Guidelines used by Party)

IE "Included Elsewhere" (notation key from the Emission Reporting Guidelines used by Party)

*Party outside the geographic scope of EMEP

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

Party (base year)	Annual totals				Gridded data	
	Base year	2008	2009	2010	2005	2010
Austria (1985)	X	X	X	X ^T	X	X
Belgium (1990)	X	X	X	X ^T	X	X ^T
Bulgaria (1990)	X	X	X	X ^T	X	X ^T
Canada* (1990)	X	n/a	X	X ^T	n/a	n/a
Croatia (1990)	X	X	X	X ^T	n/a	X ^T
Cyprus (1990)	X	X	X	X ^T	X	X ^T
Czech Republic (1990)	X	X	X	X ^T	X	X
Denmark (1990)	X	X	X	X ^T	X	X ^T
Estonia (1990)	X	X	X	X ^T	X	X ^T
Finland (1990)	X	X	X	X ^T	X	X ^T
France (1990)	X	X	X	X ^T	X	-
Germany (1990)	X	X	X	X ^T	X	X ^T
Hungary (1990)	X	X	X	X ^T	X	-
Latvia (1990)	X	X	X	X ^T	X	-
Liechtenstein (1990)	NA	NA	NA	NA	n/a	n/a
Lithuania (1990)	X	X	X	X ^T	X	X ^T
Luxembourg (1990)	X	-	-	-	-	-
Monaco (1992)	X	X	X	X ^T	n/a	n/a
Netherlands (1990)	X	X	X	X ^T	X	X ^T
Norway (1990)	X	X	X	X ^T	NE	NE
Republic of Moldova (1990)	X	X	X	X	-	-
Romania (1989)	NE	X	X	X ^T	NE	-
Slovakia (1990)	X	X	X	X ^T	X	X ^T
Slovenia (1990)	X	X	X	X ^T	X	X
Sweden (1990)	X	X	X	X ^T	X	X ^T
Switzerland (1990)	X	X	X	X ^T	X	-
The FYR of Macedonia (1990)	X	X	X	X ^T	n/a	n/a
United Kingdom (1990)	X	X	X	X ^T	X	-
United States* (1990)	X	X	n/a	n/a	n/a	n/a
European Union (1990)	X	X	X	X	X	X
Total	100%	97%	97%	97%	92%	68%

X^T Data received on time i.e. by 15 February for annual totals and by 1 March for gridded data; 30 April for the European Union (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

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).

NR "Not reported" (notation key from the Emission Reporting Guidelines used by Party)

*Party outside the geographic scope of EMEP

Table 7:
Emissions reported by Parties to Gothenburg Protocol

Party	Annual totals				Gridded data							
	2010				2005				2010			
	SO ₂	NO _x	VOCs	NH ₃	SO ₂	NO _x	VOCs	NH ₃	SO ₂	NO _x	VOCs	NH ₃
Belgium	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Bulgaria	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Croatia	X ^T	X ^T	X ^T	X ^T	n/a	n/a	n/a	n/a	X ^T	X ^T	X ^T	X ^T
Cyprus	X ^T	X ^T	X ^T	X ^T	X	n/a	n/a	n/a	X ^T	X ^T	X ^T	X ^T
Czech Republic	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X	X	X	X
Denmark	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Finland	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
France	X ^T	X ^T	X ^T	X ^T	n/a	n/a	n/a	n/a	-	-	-	-
Germany	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Hungary	X ^T	X ^T	X ^T	X ^T	X	X	X	X	-	-	-	-
Latvia	X ^T	X ^T	X ^T	X ^T	X	X	X	X	-	-	-	-
Lithuania	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Luxembourg	X ^T	X ^T	X ^T	X ^T	-	-	-	-	-	-	-	-
Netherlands	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Norway	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Portugal	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X	X	X	X
Romania	X ^T	X ^T	X ^T	X ^T	X	X	X	X	-	-	-	-
Slovakia	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Slovenia	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X	X	X	X
Spain	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Sweden	X ^T	X ^T	X ^T	X ^T	X	X	X	X	X ^T	X ^T	X ^T	X ^T
Switzerland	X ^T	X ^T	X ^T	X ^T	X	X	X	X	-	-	-	-
United Kingdom	X ^T	X ^T	X ^T	X ^T	X	X	X	X	-	-	-	-
United States*	X	X	X	X	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
European Union	X	X	X	X	X	X	X	X	X	X	X	X
Total	100%	100%	100%	100%	95%	95%	95%	95%	71%	71%	71%	71%

X^T Data received on time i.e. by 15 February for annual totals and by 1 March for gridded data; 30 April for the European Union (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

*Party outside the geographic scope of EMEP

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

Party Protocol	1985 Sulphur (Q.1)	1988 NOx (Q.2–6)	1991¹ VOCs (Q.7–12)	1994 Sulphur (Q.13–17)	1998² POPs (Q.18–31)	1998³ 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	C(q.61)
14. Germany	B	B	B	B	B	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
20. Latvia					None	None	None

¹ 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.

² Questions 28-29 are not mandatory. The obligation became effective after 23 October 2011.

³ Questions 35-36 are not mandatory. The obligation became effective after 23 October 2011.

Party Protocol	1985 Sulphur (Q.1)	1988 NOx (Q.2–6)	1991⁴ VOCs (Q.7–12)	1994 Sulphur (Q.13–17)	1998⁵ POPs (Q.18–31)	1998⁶ Heavy Metals (Q.32–38)	1999 Gothenburg (Q. 39–66)
21. Liechtenstein	A	A	A	A	A	A	
22. Lithuania	B	B	B	B	B	B	B
23. Luxembourg	None	None	None	None	None	None	None
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.

⁴ 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.

⁵ Questions 28-9 are not mandatory. The obligation became effective after 23 October 2011.

⁶ Questions 35-36 are not mandatory. The obligation became effective after 23 October 2011.

Executive Body, thirty-first session, Geneva, 11 – 13 December 2012
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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.
<div style="background-color: #cccccc; width: 50px; height: 15px; display: inline-block;"></div>	Not applicable (not Party to the Protocol at the time of the reporting deadline of 31 March 2010).
R	Reply by a non-Party to the Protocol
