

Appendix C: Source allocation budgets for nitrogen in the year 2000

Source-receptor matrices for oxidized, reduced and total (oxidized + reduced) nitrogen in the year 2000 are presented in this Appendix, in Tables C1, C2 and C3, respectively. Annual total emissions from the EMEP Contracting Parties, as well as emissions from the international ship traffic on the European seas are the nitrogen emission sources included in the SR matrices. Six sub-basins of the Baltic Sea and the entire Baltic Sea basin are on the receptor side, where the annual nitrogen deposition in the year 2000 is calculated. All abbreviations for sources and receptors are explained in the Introduction chapter.

Similar source-receptor matrices for oxidized, reduced and total (oxidized + reduced) nitrogen deposition to the catchments of the Baltic Sea, in the year 2000 are presented in Tables C4, C5 and C6, respectively.

Country codes:

AL	Albania	ATL	Remaining NE Atlantic Ocean
AT	Austria	MED	Mediterranean Sea
BE	Belgium	BLS	Black Sea
BG	Bulgaria	NAT	Natural marine sources
DK	Denmark	BY	Belarus
FI	Finland	UA	Ukraine
FR	France	MD	Moldova, Republic of
GR	Greece	EE	Estonia
HU	Hungary	LV	Latvia
IS	Iceland	LT	Lithuania
IE	Ireland	CZ	Czech Republic
IT	Italy	SK	Slovakia
LU	Luxembourg	SI	Slovenia
NL	Netherlands	HR	Croatia
NO	Norway	BA	Bosnia and Herzegovina
PL	Poland	CS	Serbia and Montenegro
PT	Portugal	MK	Macedonia, Foremer Yougoslav Rep.
RO	Romania	KZ	Kazakhstan
ES	Spain	GE	Georgia
SE	Sweden	CY	Cyprus
CH	Switzerland	AM	Armenia
TR	Turkey	MT	Malta
GB	United Kingdom	ASI	Remaining Asiatic areas
REM	Remaining Land Areas	DE	Germany
BAS	Baltic Sea	RU	Russian Federation
NOS	North Sea		

Table C1. Source-receptor matrix for annual depositions of oxidized nitrogen to sub-basins of the Baltic Sea in the year 2000. Units: kt N yr⁻¹ region⁻¹.

Emitters:	Receptors: sub-basins						Baltic Sea
	GUB	GUF	GUR	BAP	BES	KAT	
DK	0.78	0.28	0.26	3.62	0.67	0.89	6.51
EE	0.31	0.41	0.08	0.23	0.00	0.00	1.03
FI	2.37	0.79	0.20	1.02	0.01	0.02	4.42
DE	3.38	1.22	1.03	16.10	2.84	2.60	27.17
LT	0.30	0.11	0.12	0.56	0.01	0.01	1.10
LV	0.27	0.12	0.15	0.38	0.01	0.01	0.93
PL	2.65	0.75	0.74	11.38	0.35	0.39	16.26
RU	1.51	0.94	0.27	1.60	0.04	0.05	4.41
SE	2.79	0.48	0.34	3.58	0.15	0.35	7.68
AL	0.01	0.00	0.00	0.02	0.00	0.00	0.03
AM	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AT	0.29	0.09	0.07	1.02	0.06	0.09	1.62
BY	0.39	0.16	0.12	0.67	0.01	0.01	1.36
BE	0.53	0.17	0.14	1.94	0.49	0.46	3.73
BA	0.05	0.01	0.02	0.17	0.00	0.00	0.26
BG	0.05	0.01	0.02	0.16	0.00	0.00	0.25
HR	0.08	0.02	0.02	0.24	0.01	0.01	0.37
CY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CZ	0.81	0.25	0.22	3.29	0.24	0.33	5.15
FR	1.43	0.50	0.40	4.79	1.05	1.24	9.41
GE	0.01	0.00	0.00	0.00	0.00	0.00	0.01
GR	0.05	0.01	0.02	0.16	0.00	0.00	0.25
HU	0.28	0.09	0.09	1.06	0.02	0.03	1.57
IS	0.01	0.00	0.00	0.02	0.00	0.00	0.04
IE	0.08	0.02	0.02	0.26	0.06	0.06	0.50
IT	0.97	0.38	0.27	3.11	0.22	0.23	5.18
KZ	0.02	0.00	0.00	0.01	0.00	0.00	0.03
LU	0.03	0.01	0.01	0.10	0.02	0.02	0.20
MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NL	0.82	0.27	0.21	3.16	0.88	0.83	6.16
NO	0.51	0.12	0.08	0.85	0.10	0.19	1.85
PT	0.06	0.02	0.02	0.20	0.04	0.04	0.37
MD	0.02	0.00	0.01	0.03	0.00	0.00	0.07
RO	0.23	0.07	0.07	0.62	0.01	0.01	1.01
SK	0.20	0.06	0.05	0.68	0.02	0.02	1.03
SI	0.08	0.02	0.02	0.24	0.01	0.01	0.38
ES	0.40	0.15	0.11	1.23	0.26	0.32	2.48
CH	0.12	0.04	0.03	0.33	0.06	0.06	0.65
MK	0.01	0.00	0.00	0.03	0.00	0.00	0.06
TR	0.05	0.02	0.03	0.15	0.00	0.00	0.24
UA	0.35	0.11	0.07	0.50	0.00	0.00	1.03
GB	1.67	0.53	0.40	5.72	1.54	1.71	11.58
BAS	3.62	1.07	0.83	9.76	0.60	0.87	16.76
BLS	0.02	0.00	0.01	0.03	0.00	0.00	0.06
MED	0.16	0.06	0.06	0.65	0.04	0.04	1.02
NOS	1.06	0.33	0.26	3.85	1.04	1.19	7.73
ATL	0.29	0.09	0.07	0.86	0.19	0.23	1.74
ASI	0.00	0.00	0.00	0.00	0.00	0.00	0.01
EMEP	29.14	9.77	6.94	84.40	11.08	12.37	153.69

Table C2. Source-receptor matrix for annual depositions of reduced nitrogen to sub-basins of the Baltic Sea in the year 2000. Units: kt N yr⁻¹ region⁻¹.

Emitters:	Receptors: sub-basins						Baltic Sea
	GUB	GUF	GUR	BAP	BES	KAT	
DK	0.52	0.19	0.17	4.83	4.59	4.99	15.30
EE	0.17	0.50	0.12	0.21	0.00	0.00	1.00
FI	1.98	0.28	0.04	0.29	0.00	0.00	2.59
DE	2.21	0.75	0.60	13.12	6.48	2.81	25.97
LT	0.35	0.14	0.20	1.07	0.01	0.01	1.79
LV	0.22	0.13	0.68	0.61	0.01	0.00	1.65
PL	2.54	0.59	0.61	14.11	0.43	0.44	18.73
RU	0.70	0.53	0.11	1.15	0.02	0.01	2.53
SE	1.62	0.23	0.17	4.62	0.14	0.62	7.40
AL	0.04	0.01	0.01	0.06	0.00	0.00	0.11
AM	0.00	0.00	0.00	0.00	0.00	0.00	0.01
AT	0.22	0.05	0.04	0.63	0.06	0.08	1.08
BY	0.91	0.35	0.33	1.87	0.03	0.01	3.51
BE	0.22	0.06	0.06	0.84	0.37	0.29	1.85
BA	0.05	0.02	0.02	0.17	0.01	0.00	0.26
BG	0.08	0.01	0.01	0.19	0.00	0.00	0.30
HR	0.07	0.02	0.01	0.19	0.01	0.01	0.30
CY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CZ	0.35	0.08	0.08	1.22	0.10	0.12	1.96
FR	0.82	0.28	0.23	2.93	0.95	1.03	6.24
GE	0.02	0.01	0.00	0.02	0.00	0.00	0.05
GR	0.03	0.01	0.01	0.09	0.00	0.00	0.14
HU	0.24	0.09	0.06	0.77	0.02	0.03	1.22
IS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IE	0.05	0.02	0.01	0.24	0.07	0.04	0.42
IT	0.57	0.23	0.15	1.51	0.13	0.14	2.73
KZ	0.01	0.00	0.00	0.01	0.00	0.00	0.01
LU	0.02	0.00	0.00	0.06	0.02	0.02	0.12
MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NL	0.38	0.11	0.08	1.73	0.92	0.68	3.90
NO	0.20	0.03	0.02	0.33	0.02	0.06	0.66
PT	0.03	0.01	0.01	0.10	0.02	0.02	0.20
MD	0.07	0.02	0.02	0.18	0.00	0.00	0.30
RO	0.53	0.15	0.11	1.15	0.02	0.02	1.98
SK	0.12	0.03	0.02	0.37	0.01	0.02	0.57
SI	0.06	0.01	0.01	0.14	0.01	0.01	0.25
ES	0.27	0.10	0.07	0.74	0.15	0.18	1.51
CH	0.13	0.05	0.03	0.36	0.08	0.07	0.71
MK	0.03	0.01	0.00	0.05	0.00	0.00	0.08
TR	0.04	0.01	0.01	0.11	0.00	0.00	0.18
UA	1.28	0.37	0.22	1.93	0.02	0.00	3.82
GB	0.33	0.10	0.08	1.36	0.44	0.41	2.73
BAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MED	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASI	0.01	0.00	0.00	0.01	0.00	0.00	0.02
EMEP	17.47	5.60	4.42	59.38	15.17	12.13	114.17

Table C3. Source-receptor matrix for annual depositions of total nitrogen to sub-basins of the Baltic Sea in the year 2000. Units: kt N yr⁻¹ region⁻¹.

Emitters:	Receptors: sub-basins						Baltic Sea
	GUB	GUF	GUR	BAP	BES	KAT	
DK	1.30	0.46	0.43	8.46	5.27	5.88	21.80
EE	0.48	0.91	0.20	0.43	0.01	0.01	2.03
FI	4.34	1.06	0.24	1.31	0.02	0.03	7.01
DE	5.59	1.97	1.63	29.21	9.32	5.41	53.14
LT	0.65	0.25	0.32	1.63	0.03	0.01	2.89
LV	0.49	0.25	0.83	0.99	0.01	0.01	2.58
PL	5.20	1.34	1.34	25.49	0.78	0.83	34.99
RU	2.22	1.47	0.38	2.75	0.06	0.06	6.94
SE	4.40	0.71	0.51	8.21	0.29	0.97	15.08
AL	0.04	0.01	0.01	0.08	0.00	0.00	0.14
AM	0.01	0.00	0.00	0.00	0.00	0.00	0.01
AT	0.52	0.14	0.11	1.65	0.12	0.16	2.70
BY	1.30	0.51	0.46	2.54	0.04	0.02	4.87
BE	0.75	0.23	0.20	2.79	0.85	0.75	5.58
BA	0.10	0.03	0.04	0.35	0.01	0.01	0.52
BG	0.13	0.02	0.03	0.35	0.01	0.00	0.55
HR	0.14	0.04	0.04	0.43	0.02	0.02	0.68
CY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CZ	1.17	0.33	0.30	4.51	0.35	0.44	7.11
FR	2.25	0.78	0.63	7.73	2.00	2.27	15.65
GE	0.03	0.01	0.00	0.03	0.00	0.00	0.07
GR	0.08	0.02	0.03	0.25	0.00	0.00	0.38
HU	0.52	0.18	0.15	1.83	0.05	0.06	2.79
IS	0.01	0.00	0.00	0.02	0.00	0.00	0.04
IE	0.13	0.04	0.03	0.49	0.13	0.10	0.92
IT	1.53	0.61	0.42	4.62	0.35	0.37	7.91
KZ	0.02	0.00	0.00	0.01	0.00	0.00	0.04
LU	0.05	0.01	0.01	0.16	0.04	0.04	0.32
MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NL	1.19	0.38	0.29	4.88	1.80	1.51	10.06
NO	0.71	0.14	0.10	1.18	0.13	0.25	2.51
PT	0.09	0.03	0.03	0.30	0.06	0.07	0.57
MD	0.10	0.02	0.03	0.21	0.00	0.00	0.37
RO	0.76	0.22	0.18	1.77	0.03	0.04	2.99
SK	0.32	0.09	0.08	1.05	0.03	0.04	1.60
SI	0.13	0.03	0.03	0.38	0.02	0.02	0.62
ES	0.67	0.26	0.17	1.97	0.41	0.50	3.99
CH	0.25	0.09	0.06	0.69	0.14	0.13	1.36
MK	0.04	0.01	0.01	0.08	0.00	0.00	0.14
TR	0.09	0.03	0.04	0.26	0.00	0.00	0.42
UA	1.63	0.48	0.29	2.43	0.02	0.00	4.85
GB	2.00	0.63	0.49	7.09	1.99	2.12	14.31
BAS	3.62	1.07	0.83	9.76	0.60	0.87	16.76
BLS	0.02	0.00	0.01	0.03	0.00	0.00	0.06
MED	0.16	0.06	0.06	0.65	0.04	0.04	1.02
NOS	1.06	0.33	0.26	3.86	1.04	1.19	7.73
ATL	0.29	0.09	0.07	0.87	0.19	0.23	1.74
ASI	0.01	0.00	0.00	0.01	0.00	0.00	0.03
EMEP	46.61	15.37	11.36	143.79	26.25	24.50	267.87

Table C4. Source-receptor matrix for annual depositions of oxidized nitrogen to the catchments of the Baltic Sea in the year 2000. Units: kt N yr⁻¹ region⁻¹.

Emitters:	Receptors: sub-basins						Baltic Sea
	GUB	GUF	GUR	BAP	BES	KAT	
DK	4.00	3.10	1.72	11.60	1.64	4.54	26.61
EE	1.43	4.19	0.71	0.63	0.01	0.04	7.01
FI	14.50	14.58	1.61	2.60	0.04	0.22	33.56
DE	14.32	13.07	7.31	77.66	7.21	11.59	131.18
LT	1.00	1.74	1.77	2.80	0.03	0.09	7.43
LV	0.96	1.83	1.35	1.15	0.02	0.05	5.36
PL	9.00	10.19	8.05	85.29	0.90	3.09	116.53
RU	8.30	27.59	5.73	6.81	0.10	0.41	48.95
SE	14.57	5.86	2.10	11.52	0.39	3.95	38.39
AL	0.02	0.04	0.02	0.15	0.00	0.00	0.24
AM	0.01	0.01	0.00	0.00	0.00	0.00	0.02
AT	0.99	1.00	0.57	6.34	0.14	0.41	9.45
BY	1.45	3.28	2.69	3.85	0.03	0.13	11.44
BE	2.42	1.92	0.93	7.51	1.19	2.05	16.01
BA	0.14	0.18	0.16	1.44	0.01	0.03	1.95
BG	0.13	0.29	0.22	1.01	0.01	0.01	1.67
HR	0.21	0.24	0.17	1.78	0.02	0.05	2.46
CY	0.00	0.00	0.00	0.00	0.00	0.00	0.01
CZ	2.99	3.13	1.92	26.37	0.61	1.50	36.51
FR	6.39	5.19	2.59	20.29	2.49	5.25	42.21
GE	0.02	0.02	0.02	0.01	0.00	0.00	0.07
GR	0.12	0.23	0.15	0.80	0.00	0.01	1.32
HU	0.87	1.10	0.84	8.61	0.06	0.28	11.76
IS	0.07	0.03	0.02	0.06	0.01	0.01	0.20
IE	0.46	0.32	0.13	0.94	0.15	0.31	2.31
IT	3.16	3.57	1.99	15.93	0.52	1.09	26.27
KZ	0.05	0.09	0.03	0.04	0.00	0.00	0.20
LU	0.12	0.10	0.05	0.43	0.05	0.11	0.86
MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NL	4.14	3.28	1.50	12.46	2.14	3.68	27.19
NO	4.38	1.78	0.57	3.09	0.25	1.38	11.47
PT	0.23	0.21	0.12	0.73	0.08	0.16	1.53
MD	0.07	0.10	0.07	0.20	0.00	0.00	0.44
RO	0.73	1.19	0.74	4.03	0.03	0.13	6.84
SK	0.64	0.82	0.57	5.62	0.04	0.19	7.89
SI	0.23	0.21	0.16	1.70	0.02	0.06	2.38
ES	1.56	1.39	0.73	4.97	0.59	1.24	10.48
CH	0.46	0.47	0.20	1.85	0.14	0.26	3.38
MK	0.04	0.06	0.04	0.24	0.00	0.00	0.38
TR	0.13	0.35	0.32	0.51	0.00	0.01	1.33
UA	1.34	2.26	1.06	2.60	0.01	0.09	7.36
GB	9.68	6.49	2.82	21.95	3.76	8.24	52.92
BAS	13.75	10.81	4.78	25.35	1.48	4.92	61.08
BLS	0.06	0.12	0.09	0.16	0.00	0.00	0.43
MED	0.51	0.76	0.48	3.37	0.09	0.19	5.40
NOS	5.73	3.90	1.80	14.40	2.54	5.82	34.18
ATL	1.76	1.10	0.45	3.20	0.45	1.03	7.98
ASI	0.01	0.02	0.01	0.01	0.00	0.00	0.06
EMEP	133.13	138.22	59.35	402.07	27.29	62.66	822.71

Table C5. Source-receptor matrix for annual depositions of reduced nitrogen to the catchments of the Baltic Sea in the year 2000. Units: kt N yr⁻¹ region⁻¹.

Emitters:	Receptors: sub-basins						Baltic Sea
	GUB	GUF	GUR	BAP	BES	KAT	
DK	2.66	1.94	1.05	12.17	17.85	16.45	44.30
EE	0.69	3.16	0.96	0.37	0.00	0.02	5.21
FI	11.47	6.20	0.30	0.62	0.01	0.06	18.66
DE	8.89	6.90	3.83	61.01	30.82	10.53	107.59
LT	1.14	1.71	3.95	7.95	0.05	0.11	14.90
LV	0.71	1.58	3.54	1.25	0.02	0.03	7.13
PL	8.60	7.43	6.16	150.78	1.62	3.10	177.11
RU	3.38	17.58	3.40	4.92	0.05	0.17	29.49
SE	8.05	2.25	0.94	14.99	0.31	7.44	34.21
AL	0.12	0.13	0.05	0.34	0.00	0.01	0.65
AM	0.01	0.02	0.01	0.01	0.00	0.00	0.05
AT	0.70	0.67	0.35	4.51	0.22	0.32	6.69
BY	3.00	7.09	10.72	21.13	0.11	0.27	42.28
BE	0.97	0.63	0.33	3.18	1.50	1.16	7.09
BA	0.17	0.21	0.11	0.92	0.02	0.03	1.44
BG	0.25	0.26	0.13	0.81	0.01	0.03	1.49
HR	0.21	0.21	0.12	1.16	0.02	0.04	1.76
CY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CZ	1.21	1.05	0.64	15.82	0.41	0.54	19.51
FR	3.58	2.65	1.34	12.21	3.96	3.93	25.91
GE	0.08	0.10	0.04	0.08	0.00	0.01	0.30
GR	0.09	0.14	0.08	0.44	0.01	0.02	0.78
HU	0.82	0.97	0.53	5.58	0.08	0.21	8.17
IS	0.01	0.01	0.00	0.01	0.00	0.00	0.03
IE	0.29	0.20	0.07	0.74	0.27	0.21	1.66
IT	1.77	2.04	1.17	8.58	0.51	0.65	14.50
KZ	0.04	0.05	0.01	0.01	0.00	0.00	0.11
LU	0.10	0.06	0.02	0.25	0.07	0.08	0.55
MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NL	1.84	1.23	0.59	6.61	3.93	2.57	14.98
NO	1.80	0.38	0.13	0.88	0.08	0.86	4.10
PT	0.16	0.12	0.06	0.40	0.07	0.09	0.88
MD	0.27	0.36	0.19	0.77	0.00	0.03	1.62
RO	1.76	2.19	1.19	6.27	0.06	0.28	11.73
SK	0.41	0.45	0.26	4.80	0.04	0.12	6.07
SI	0.20	0.15	0.10	1.06	0.03	0.05	1.57
ES	1.06	0.97	0.48	2.95	0.62	0.70	6.52
CH	0.48	0.43	0.17	1.97	0.31	0.29	3.51
MK	0.08	0.07	0.03	0.23	0.00	0.01	0.41
TR	0.15	0.20	0.15	0.33	0.01	0.01	0.85
UA	4.77	8.03	4.05	10.02	0.05	0.42	27.33
GB	1.86	1.13	0.49	4.87	1.81	1.76	11.14
BAS	0.00	0.00	0.00	0.00	0.00	0.00	0.01
BLS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MED	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASI	0.03	0.05	0.03	0.04	0.00	0.00	0.15
EMEP	73.89	80.97	47.75	371.04	64.95	52.57	662.38

Table C6. Source-receptor matrix for annual depositions of total nitrogen to the catchments of the Baltic Sea in the year 2000. Units: kt N yr⁻¹ region⁻¹.

Emitters:	Receptors: sub-basins						Baltic Sea
	GUB	GUF	GUR	BAP	BES	KAT	
DK	6.66	5.04	2.77	23.77	20.38	20.99	70.91
EE	2.12	7.35	1.67	1.01	0.01	0.05	12.22
FI	25.97	20.79	1.91	3.22	0.06	0.28	52.22
DE	23.21	19.97	11.15	138.68	43.25	22.12	238.77
LT	2.14	3.45	5.72	10.76	0.09	0.20	22.32
LV	1.67	3.41	4.89	2.40	0.04	0.09	12.48
PL	17.60	17.62	14.21	236.08	2.98	6.19	293.63
RU	11.68	45.17	9.13	11.74	0.21	0.58	78.44
SE	22.62	8.10	3.04	26.51	0.81	11.39	72.60
AL	0.14	0.17	0.07	0.49	0.01	0.01	0.89
AM	0.02	0.02	0.01	0.02	0.00	0.00	0.07
AT	1.69	1.67	0.92	10.85	0.44	0.73	16.14
BY	4.46	10.38	13.41	24.98	0.16	0.40	53.72
BE	3.39	2.54	1.26	10.69	3.61	3.21	23.10
BA	0.31	0.39	0.26	2.35	0.03	0.06	3.40
BG	0.38	0.56	0.35	1.81	0.03	0.04	3.16
HR	0.42	0.45	0.29	2.93	0.05	0.09	4.22
CY	0.00	0.00	0.00	0.00	0.00	0.00	0.01
CZ	4.20	4.18	2.56	42.18	1.38	2.04	56.02
FR	9.98	7.83	3.94	32.50	8.34	9.18	68.12
GE	0.10	0.12	0.05	0.09	0.00	0.01	0.37
GR	0.22	0.37	0.23	1.25	0.02	0.02	2.10
HU	1.69	2.07	1.37	14.19	0.16	0.49	19.93
IS	0.08	0.04	0.02	0.07	0.01	0.01	0.23
IE	0.74	0.51	0.20	1.68	0.54	0.53	3.97
IT	4.94	5.61	3.16	24.51	1.40	1.73	40.77
KZ	0.09	0.13	0.03	0.05	0.00	0.00	0.31
LU	0.22	0.16	0.07	0.68	0.16	0.19	1.41
MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NL	5.98	4.50	2.08	19.06	7.72	6.25	42.17
NO	6.18	2.17	0.71	3.97	0.51	2.24	15.57
PT	0.39	0.33	0.18	1.13	0.22	0.25	2.41
MD	0.34	0.46	0.26	0.96	0.00	0.04	2.06
RO	2.49	3.39	1.93	10.30	0.09	0.41	18.58
SK	1.05	1.27	0.82	10.43	0.11	0.31	13.96
SI	0.42	0.35	0.26	2.76	0.07	0.11	3.95
ES	2.63	2.36	1.21	7.93	1.66	1.94	17.00
CH	0.94	0.90	0.37	3.82	0.56	0.54	6.89
MK	0.11	0.12	0.06	0.48	0.01	0.01	0.79
TR	0.27	0.55	0.47	0.84	0.01	0.02	2.17
UA	6.11	10.29	5.11	12.63	0.06	0.51	34.69
GB	11.54	7.61	3.31	26.81	8.40	10.00	64.06
BAS	13.75	10.81	4.78	25.35	2.16	4.91	61.07
BLS	0.06	0.12	0.09	0.16	0.00	0.00	0.43
MED	0.51	0.76	0.48	3.37	0.16	0.19	5.40
NOS	5.73	3.90	1.79	14.40	4.44	5.82	34.18
ATL	1.76	1.10	0.45	3.20	0.78	1.02	7.97
ASI	0.04	0.08	0.04	0.05	0.00	0.00	0.20
EMEP	207.02	219.19	107.10	773.11	111.13	115.22	1485.10

