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ЕВРОПЕЙСКАЯ ЭКОНОМИЧЕСКАЯ КОМИССИЯ
ИСПОЛНИТЕЛЬНЫЙ ОРГАН ПО КОНВЕНЦИИ
О ТРАНСГРАНИЧНОМ ЗАГРЯЗНЕНИИ ВОЗДУХА
НА БОЛЬШИЕ РАССТОЯНИЯ

Руководящий орган Совместной программы наблюдения
и оценки распространения загрязнителей воздуха
на большие расстояния в Европе (ЕМЕП)
(Двадцать пятая сессия, Женева, 3–5 сентября 2001 года)
Пункт 4 h) предварительной повестки дня

НЫНЕШНЕЕ СОСТОЯНИЕ ДАННЫХ О ВЫБРОСАХ

Записка Метеорологического синтезирующего центра – Запад,
подготовленная в консультации с секретариатом

Резюме

В настоящем документе обобщены официальные данные о выбросах SO₂, NO_x, NH₃, НМЛОС, СО, CN₄, СО₂, ТМ и отдельных СОЗ за 1980-1999 годы и прогнозы на 2010 год. За исключением значительного увеличения сообщений о СОЗ сообщенные данные об объемах выбросов в прошлом году оставались сравнительно неизменными. Выбросы диоксида серы продолжают сокращаться (за период с 1980 по 1999 год в зоне ЕМЕП - на 59%) . По другим важным соединениям тенденции к снижению являются менее выраженными. В МСЦ-3 конвенционная база данных о выбросах была еще более расширена. В целях содействия распространению информации некоторые ее части в настоящее время доступны в Интернете (<http://www.emep.int>). К концу 2001 года должны появиться дополнительные элементы.

Документы, подготовленные под руководством или по просьбе Исполнительного органа по Конвенции о трансграничном загрязнении воздуха на большие расстояния и предназначенные для ОБЩЕГО распространения, следует рассматривать в качестве предварительных до их УТВЕРЖДЕНИЯ Исполнительным органом.

I. ПРЕДСТАВЛЕНИЕ ДАННЫХ О ВЫБРОСАХ ЕЭК ООН

1. Наличие высококачественных данных о выбросах необходимо как для оценки состояния загрязнения воздуха в Европе, так и для контроля за достижением целей в области охраны окружающей среды, указанных в протоколах к Конвенции. Стороны представляют в секретариат ЕЭК их официальные данные о выбросах и соответствующую согласованную информацию в конце каждого года. Секретариат контролирует представленные данные каждой страной через соответствующие национальные органы (официальные данные) и затем направление их в Метеорологический синтезирующий центр - Запад (МСЦ-3) для хранения, обработки и проверки анализа. МСЦ-3 ведет также разработку методов контроля данных о выбросах в сотрудничестве с соответствующими участниками. В начале следующего года МСЦ-3 вносит изменения в данные в сотрудничестве со Сторонами, которые имеют возможность скорректировать и внести окончательные поправки в их данные до конца марта.

2. В ходе осуществления седьмого этапа программы ЕМЕП была поставлена задача (EB.AIR/GE.1/1998/3) ликвидировать в возможно более короткие сроки, но не позднее срока составления кадастра выбросов в 2005 году, все пробелы во временных рядах национальных итоговых данных о выбросах и данных в разбивке по секторам (уровень 1 ИНЗВ), начиная с установленных в протоколах базисных лет и в последующий период, с использованием согласованных методологий по составлению кадастров выбросов. Кроме того, в рамках ЕМЕП поставлена задача обеспечить наличие полных комплектов национальных итоговых данных о выбросах и данных о выбросах по секторам за каждые пять лет в привязке к сетке с возможностью обновления данных в промежуточные годы.

3. В этом году в ответ на необходимость усовершенствовать процедуры представления отчетности, которые позволяют получить высококачественные данные о сообщаемых выбросах и улучшить отдельные аспекты представления отчетности, были пересмотрены руководящие принципы, касающиеся ее представления. Чтобы не увеличивать объем работы Сторон, связанной с представлением отчетности, в ходе этого пересмотра важное значение было уделено согласованию процедур с другими международными группами, занимающимися сбором данных о выбросах, и четкими формулировками требований, касающихся представления отчетности.

II. ОФИЦИАЛЬНЫЕ ПРЕДСТАВЛЕНИЯ ДАННЫХ ЕВРОПЕЙСКОЙ ЭКОНОМИЧЕСКОЙ КОМИССИИ ООН В 1999 ГОДУ

4. В ноябре 2000 года секретариат распространил вопросник, касающийся данных о выбросах. Крайний срок представления данных за 1999 год и корректировок за предыдущие годы был продлен до 31 декабря 2000 года. Сторонам было предложено пользоваться Руководством по составлению кадастров атмосферных выбросов; наряду с этим на домашней странице ЕМЕП были опубликованы дополнительные пояснения по процедуре представления данных. Для облегчения представления данных секретариат при содействии МСЦ-3 подготовил индивидуализированные вопросники, содержащие таблицы для каждой Стороны с совокупными национальными данными за периоды 1980-1998 годов и 2005-2010 годов. Сторонам были также направлены таблицы для представления данных на уровне 1 ИНЗВ. С середины января по конец марта секретариат и МСЦ-3 вели активный диалог со Сторонами в целях предоставления дополнительных разъяснений и устранения пробелов и несоответствий в данных. Несмотря на трудности, связанные с соблюдением установленного временного графика, 38 из 48 Сторон (79%) представили новые или обновленные данные в течение данного раунда представления отчетности к 29 мая 2001 года.

5. За исключением значительного увеличения представления данных о СО₂ положение с представлением отчетности в прошлом году оставалось примерно на том же уровне. Что касается традиционных загрязнителей, то ежегодные итоговые данные и данные по отдельным секторам (на уровне 1 ИНЗВ) за 1999 год представили примерно 63% Сторон Конвенции. Число Сторон, представивших данные по тяжелым металлам (ТМ) и стойким органическим загрязнителям (СОЗ), составило соответственно 54% и 44%.

6. Что касается данных о выбросах в привязке к сетке за 1990, 1995 и последующие годы, то многие из Сторон Конвенции все еще не представили данных. Все Стороны, за исключением двух, представили данные в электронном виде.

7. Официальные данные о выбросах представлены в нижеследующих таблицах. В них включены все данные и исправления, полученные к 17 июня 2001 года. В частности, в таблицах 1-7, 8 и 9 приводятся соответственно национальные годовые совокупные данные по основным загрязняющим веществам, ТМ и отдельным СОЗ. В таблицах 10-18 приводятся данные о типах имеющейся по этим загрязнителям информации. Таблицы с данными о выбросах и карты выбросов по основным загрязнителям опубликованы на Web-сайте ЕМЕП (<http://www.emep.int>).

8. Для облегчения проверки соблюдения основных требований Гетеборгского протокола 1999 года в таблице 19 и относящихся к ней диаграммах V-VIII приведена информация о процентном сокращении объема выбросов SO_2 , NO_x , NH_3 и НМЛОС по сравнению с уровнем 1990 года (принят за базисный год в Гётеборгском протоколе). В таблице 19 и относящихся к ней диаграммах V-VIII перечислены страны, подписавшие и не подписавшие Протокол.

9. Полученные новые данные по состоянию на конец марта были использованы для проведения экспериментов, о результатах которых будет сообщено на двадцать пятую сессии Руководящего органа. МСЦ-3 и секретариат продолжали работу по завершению подготовки данных Сторон даже после начала экспериментов. В адрес примерно 63% Сторон были направлены замечания и вопросы. Так как более 68% из них представили ответы весьма быстро, при проведении экспериментов не удалось использовать самые последние данные и уточнения.

III. ТЕНДЕНЦИИ ИЗМЕНЕНИЯ ОБЪЕМОВ ВЫБРОСОВ В ЗОНЕ ЕМЕП

10. При заполнении всех пробелов во временных рядах представленных данных о выбросах существует возможность рассчитать изменение общего объема (антропогенных и природных) выбросов над зоной ЕМЕП начиная с 1980 года. Диаграммы I-IV наглядно иллюстрируют тенденции изменения объема выбросов соответственно по SO_2 , NO_x , NH_3 , НМЛОС.

11. Выбросы диоксида серы в Европе (диаграмма I) обнаруживают явную тенденцию к сокращению. Общий объем выбросов SO_2 в 1999 году сократился на 59% по сравнению с уровнем 1980 года. Тенденция изменения выбросов NO_x (диаграмма II) характеризуется относительно высоким уровнем эмиссии в конце 80-х годов и определенным снижением в 90-е годы. В 1990-1999 годах объем их выбросов сократился на 18%. Выбросы аммиака в Европе (диаграмма III) за период с 1990 по 1999 год сократились на 17%. Практически полная стабильность тенденции в этой категории выбросов до 1990 года объясняется прежде всего использованием значительного количества допущений вместо отсутствовавших данных по большинству стран. Данные по НМЛОС (диаграмма IV) характеризуют только антропогенные выбросы. В 90-е годы наблюдалась незначительная тенденция к снижению, благодаря которой объем выбросов с 1990 по 1999 год снизился на 27%.

12. Для целей моделирования ЕМЕП недостающие годовые данные рассчитываются методом интерполяции значений за смежные годы. При отсутствии официальных данных о выбросах вместо них используются оценки, полученные на основе информации из имеющихся открытых для доступа источников, часто в сотрудничестве с Координационным химическим центром (КХЦ) и Центром по составлению моделей для

комплексной оценки. Прогнозы на 2010 год, указанные в диаграммах I-IV, основываются на предельных значениях выбросов, предусмотренных в Гётеборгском протоколе для подписавших Протокол Сторон, на сообщенных прогнозах и на предполагаемом в настоящее время Центром по разработке моделей комплексной оценки принятии законодательств (REF8). В случае отсутствия вышеуказанных источников информации использовались последние представленные данные. Все данные, используемые при проведении экспериментов в МСЦ-3, будут представлены и проанализированы в техническом докладе для Руководящего органа на его двадцать пятой сессии (ЕМЕР/МСС-W Note 1/00).

Таблица 1. Антропогенные выбросы серы (1980-1999 годы, 2010 год) в регионе ЕЭК (тыс. т SO₂ в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	141.0	110.7	101.3	110.3	96.9	100.2	111.2	110.6	104.1	62.7	72.00	59.5	44.1	5.5	4.2	2.5	1.5	0.400	3.310	0.84 ^a	
Austria	384.5	334.2	316.3	237.5	211.8	190.0	171.4	152.9	115.1	102.1	91.0	82.2	63.4	60.3	57.0	56.4	52.9	50.6	46.6	42.0	39.0
Belarus	740	730.0	710.0	710.0	690.0	690	690	761	720	668	637	652	458	382	324	275	246.3	208.5	190	163.7	480
Belgium	828	712	694	560	500	400	377	367	354	325	372	334	318	297	253	246	240	220	212 ^a	186 ^b	106
Bosnia and Herzegovina											480.0										
Bulgaria	2050							2420	2228	2180	2008	1665	1115	1426	1480	1476	1420	1365	1251	943	856
Canada	4643	4291	3612	3625	3955	3692	3627	3762	3838	3695	3236	3245	3117	3008	2651	2681	2722	2749	2766	2499	2914
Croatia ^{de}	150.0										180.0	108.0	106.7	113.7	89.3	70.4	66.2	80.4	89.5	90.7	70
Cyprus	28	28	33	30	33	35	38	39	42	42	46	33	39	43	42	41	45	47	49	50	39
Czech Republic	2257	2341	2387	2338	2305	2277	2177	2164	2066	1998	1876	1776	1538	1419	1270	1091	946	701	443	269	283
Denmark ^k	452.1	370.4	378.7	322.9	305.5	343.5	292.2	258.8	254.9	197.7	182.6	241.1	188.3	154.0	156.4	148.5	179.6	110.0	76.92	55.91	50
Estonia ^s	287					254	256	255	254	254	252.1	245.6	187.4	153.8	149.1	118.5	125.2	119.0	110.0	102.5	57.4
Finland	584	534	484	372	368	382	331	328	302	244	260	194	141	123	114	96	105	99	90	87 ^b	110
France ^h	3211	2523	2414	1984	1770	1479	1343	1329	1220	1379	1278	1389	1211	1052	990	934	913	767	808	682 ^b	400
Georgia ⁱ	230.2	242.1	250.1	267.3	266.6	273.2	255.3	258.3	255.3	249.1	248.3	194.0	135.2	71.4	46.9	20.3	30.1	33.1	20.18	8.61	
Germany ^{jk}	7514	7441	7440	7346	7633	7732	7641	7396	6487	6165	5321	3996	3307	2945	2473	1994	1405	1127	899	831	550
Greece ^l	400					500					506	549	556	551	526	551	540	531	540		546
Hungary	1633	1580	1545	1480	1440	1404	1362	1285	1218	1102	1010	913.0	827.3	757.3	741.0	705.0	673.2	658.5	591.8	590.2 ^b	550
Iceland ^{mn}	17.8	17.8	17.8	18.2	18.8	18.1	18.4	16.2	17.5	17.3	24.0	23.1	23.9	24.5	23.8	23.9	24.1	24.5	26.8		29.4
Ireland	222	192	158	142	142	140	162	174	152	162	186	180	172	161	175	161	147	166	176	157	42
Italy	3757	3330	2850	2463	2114	1901	1929	2029	1963	1854	1651	1539	1394	1333	1271	1322	1205 ^o	1075 ^o	1039 ^o	923 ^o	842
Kazakhstan																					
Kyrgyzstan												52.1	40.8	31.6	21.0	15.7	14.0	9.9	10.8	8.72	
Latvia											119	90	79	73	86	59	59	44	40	33	157
Liechtenstein	0.389	0.365	0.341	0.317	0.293	0.269	0.245	0.221	0.197	0.173	0.149	0.145	0.142	0.138	0.134						0.110
Lithuania ^p	311	312	304	310	303	304	316	316	300	298	222	234	139	125	117	94	93	77	94	70	145
Luxembourg	24		14			16					15			15.00	13	9	8	6	4	3.822	4
Malta																					
Monaco											0.073	0.101	0.104	0.108	0.096	0.091	0.082	0.077	0.074		
Netherlands	490	464	404	323	299	258	264	263	250	204	202	173	172	164	146	147	135	118	107	100	50
Norway	137.3	128.0	110.7	103.8	95.8	98.2	91.4	73.0	67.6	58.3	52.7	44.3	36.5	35.2	34.8	33.8	33.0	30.2	29.8	28.7	22
Poland	4100					4300	4200	4200	4180	3910	3210	2995	2820	2725	2605	2376	2368	2181	1897	1719	1397
Portugal ^l	266			306.0		198	234.0	218.0	204.0		359.4	345.6	409.0	360.0	338.9	365.6	323.4	341.3	374.9		
Republic of Moldova ^{rst}	308	305	287	284	270	282	297	317	273	238	265	259.8	168.2	156.4	108.5	64.06	67.03	36.13	32.08	12.05	135
Romania	1055	1095	1104	1229	1223	1255	1293	1305	1469	1517	1311	1041	951.0	928.0	912.0						
Russian Federation ^{tu}	7161	6949	7090	6934	6503	6191	5707	5622	5145	4677	4460	4392	3839	3456	2983	2838	2685	2449	2208	2003	4297
Slovakia	780					613	604	614	589	573	543	445	380	325	239	239	227	202	179	171	210
Slovenia	234	254	256	274	250	241	247	222	210	211	196	180	186	183	177	125	112	118	123	104	27
Spain ^t	2836	2773	2749	2764	2523	2393	2267	2139	1787	2122	2049	2050	2040	1919	1875	1721	1498				
Sweden ^w	491	431	371	305	296	266	272	228	224	160	119	96	88	87	82	79	83	51	49	63	67
Switzerland	116	108	100	92	84	76	68	62	56	49	42	41	38	34	31	34	30	26	27.6	25.5	26.0
The FYR of Macedonia																		17.00	105.0 ^x		
Turkey ^y	204.5	218.0	235.7	299.1	360.8	519.8	674.4	606.4	443.1	740.7	764.7	840.6	821.3	767.8	991.5	1016	1172	1234	1361	1347	995.0
Ukraine	3849	3492	3427	3498	3470	3463	3393	3264	3211	3073	3782	2538	2376	2194	1715	1639	1293	1132			2310
United Kingdom	4880	4426	4214	3874	3711	3750	3910	3908	3839	3720	3754	3568	3447	3105	2665	2348	2010	1637	1567	1187	612.2
United States	23501	22251	20993	20449	21292	21463	20795	20580	21005	21132	21481	20906	20696	20389	19845	17408	17109	17566	17682	17116	15174
Yugoslavia	406	408	409	440	456	478	470	484	502	506	508	446	348	401	424	462	434	522	521		1135
European Community											19127				13072	12278	10181				

^a Reduction in emissions from 1993 onwards is explained by the blockade of communications in Armenia followed by a drop in energy production. The in reduction in SO₂ in 1999 can be explained by the fact that in 1999 all heating enterprises used natural gas as fuel.

^b Preliminary data.

^c 1990-1998: Distributed according to SNAP90.

^d 1999: Distributed according to SNAP97.

^e Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^f Data include those located within the EMEP area only.

^g SO₂ emissions were calculated from stationary and mobile sources.

^h Emission figures do not include air traffic above 1000 m and international sea traffic.

ⁱ Calculations are based on official statistical data. Due to economic and social difficulties the collection of statistical data within the country is inadequate.

Therefore data provided here may not be reliable.

^j Emissions from 1980-1986 are not updated.

^k Emissions from international air traffic, marine bunkers and managed forests are not included.

^l Emissions reported for 1980-1985 are to be regarded as indicative only, and are not comparable to the emissions reported after 1985.

^m 2/3 of SO₂ emissions are emitted as H₂S.

ⁿ Emissions in 1980 and 1981 are assumed to be similar to 1982 due to lack of data.

^o Emissions for 1996-1999 estimated according to SNAP97.

^p Emissions from 1990 onwards are recalculated.

^q Emissions from 1990 onwards are calculated using the categories of SNAP97.

^r Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions from the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to a decline in the national economy.

^s For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^t SO_x emissions 1980-1989 and NO_x emissions 1980-1984 do not include mobile sources.

^u SO₂ figures refer to stationary sources only, except from those in 1996-1999, which include mobile sources.

^v International transport (ie aviation and navigation) is not included in national totals except for the CO₂ figure for 1980.

^w Emissions of SO₂ and NO_x from domestic navigation/coastal shipping, for the years 1980-1993, are assumed to account for 30% of the total emissions from shipping in Sweden.

^x Data are for sectors 1-6 only. Data for sectors 7-11 are not yet ready.

^y Sum of reported sector data.

Таблица 2. Антропогенные выбросы оксидов азота (1980-1999 годы, 2010 год) в регионе ЕЭК (тыс. т NO₂ в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia		15.4	17.2	16.6	15.7	44.8	53.0	51.5	55.5	51.2	46.20	40.0	21.8	12.1	11.9	14.9	11.4	15.10	10.95	10.61	
Austria	227.8	220.2	218.2	215.4	214.5	216.7	212.7	209.1	201.9	194.4	192.6	196.2	186.7	174.7	181.7	170.4	165.6	172.3	170.8	170.8	107.0
Belarus	234	235.0	235.0	237.0	240.0	238	258	263	262	263	285	281	224	207	203	195	172.7	188.5	164	142	180
Belgium	442					325	317	338	345	357	339	335	343	341	342	336	316	306	312 ^a	292 ^a	181
Bosnia and Herzegovina																					
Bulgaria								416	415	411	361	256	230	242	230	266	259	225	223	202	266
Canada	1959	1907	1897	1884	1871	2038	2043	2131	2204	2188	2104	2003	1997	2006	2026	2032	2011	2068	2051	2056	2085
Croatia ^{bed}	60.00										87.6	65.0	56.2	59.3	65.5	65.7	68.6	73.3	76.0	72.1	87
Cyprus	13	13	14	14	14	14	15	16	17	17	18	16	19	20	20	19	21	21	22	22	23
Czech Republic	937	819	818	830	844	831	826	816	858	920	742	725	698	574	435	412	432	423	413	390	286
Denmark ^e	273.2	243.2	264.1	257.0	270.3	292.0	321.8	304.7	295.1	276.7	271.7	314.5	268.4	267.0	270.7	251.4	291.7	250.2	231.9	210.2	133
Estonia								70	70	69	67.7	63.33	39.35	38.05	41.08	42.06	44.36	44.75	46.01	39.62	
Finland	295	276	271	261	257	275	277	288	293	301	300	290	284	282	282	258	268	260	252	247	170
France ^{ef}	2014	1910	1869	1846	1841	1817	1776	1807	1808	1858	1865	1930	1886	1772	1731	1700	1684	1633	1592	1530 ^g	860
Georgia ^h	121.0	125.6	130.0	137.6	137.3	140.4	133.8	134.1	134.6	130.6	129.5	112.5	47.8	32.5	20.8	26.6	49.6	54.5	42.35	30.14	
Germany ^{hi}	3334	3259	3219	3258	3305	3276	3286	3327	3208	2989	2706	2493	2303	2189	2038	1967	1877	1781	1709	1637	1081
Greece ⁱ						306		320.0			326	333	334	331	342	341	378	361	382		344
Hungary	272.9	270	268	266	264	262.5	264.2	264.9	257.8	246.8	238.0	203.1	183.3	184.0	187.4	190.1	195.8	199.5	202.6	221.0 ^g	198
Iceland	21.2	21.2	21.2	21.8	21.7	20.5	22.3	24.0	24.9	25.3	26.3	26.7	28.4	29.3	29.2	28.4	29.6	28.6	27.7		30.0
Ireland	73	86	86	85	84	91	100	115	122	127	118	120	130	119	115	115	120	118	122	119	65
Italy	1638	1604	1605	1583	1596	1614	1690	1811	1854	1917	1938	1984	2010	1990	1789	1768	1744 ^k	1662 ^k	1594 ^k	1485 ^k	1436
Kazakhstan																					
Kyrgyzstan												20.0	8.9	6.5	3.3	3.4	3.5	3.5	3.6	2.38	
Latvia											102	74	63	56	48	42	35	44	42	39	81
Liechtenstein	0.173	0.705	0.696	0.688	0.679	0.671	0.662	0.654	0.645	0.637	0.628	0.606	0.583	0.561	0.539						0.370
Lithuania ^l	152	154	156	158	162	166	169	171	172	173	158	166	98	78	77	65	65	57	60	54	110
Luxembourg	23			21		21					23			25.00	23	21	22	18	17	16.09	11
Malta																					
Monaco											0.523	0.629	0.677	0.635	0.633	0.595	0.581	0.582	0.551		
Netherlands	583	575	562	555	573	589	587	599	602	584	580	568	556	535	510	498	501	453	423	408	260
Norway	189.6	177.7	182.0	186.7	201.0	212.8	227.9	228.6	224.0	222.7	219.2	210.0	208.2	216.7	213.8	214.2	223.1	223.9	225.0	230.6	156
Poland	1229					1500	1510	1530	1550	1480	1280	1205	1130	1120	1105	1120	1154	1114	991	953	879
Portugal ^m	166.0			192.0		96	110.0	116.0	122.0		317.0	332.7	354.4	341.8	344.9	357.8	354.4	360.9	369.3		
Republic of Moldova ^{nnp}	58	57	50	42	44	66	72	71	74	70	100	97	67.3	53	46.2	38.2	38	36.5	21.7	16.91	90
Romania	523.0	528.0	516.0	542.0	546.0	542.0	559.0	580.0	590.0	579.0	546.0	464.0	357.0	318.0	319.0						
Russian Federation ^{oq}	1734	1915	2002	1976	1879	1903	1871	2653	2358	2553	3600	3325	3093	3054	2685	2570	2467	2379	2488	2494	
Slovakia								197		227	226	205	191	184	174	182	130	125	130	118	
Slovenia	51	52	52	51	52	53	58	57	59	58	63	58	58	63	66	67	70	71	64	58	45
Spain ^r	1019	947	945	959	956	934	957	1003	1030	1131	1156	1210	1240	1202	1214	1216	1194				
Sweden ^s	404	417	412	401	411	426	432	437	432	418	338	339	329	324	331	301	302	270	257	261	148
Switzerland	170	172	174	175	177	179	176	174	172	169	154	146	138	129	124	120	113	107	104	99	79.0
The FYR of Macedonia																					
Turkey ^a	355.6	368.4	398.5	424.7	449.4	474.1	518.3	559.7	556.5	597.4	628.0	633.0	651.2	730.5	715.0	776.5	847.4	852.4	833.8	911.0	2044
Ukraine	1145	1145	1153	1153	1102	1059	1112	1094	1090	1065	1097	989.0	830.0	700.0	568.0	531.0	467.0	455.2		1094	
United Kingdom	2580	2496	2486	2498	2456	2539	2620	2729	2783	2786	2756	2631	2552	2358	2260	2088	2013	1844	1732	1603	1167
United States ^t	22121	22397	21819	21704	22581	21045	20480	20654	21517	21676	21927	22079	22437	22785	23110	22726	23635	23907	23605	23037	17687
Yugoslavia	47	50	50	53	58	58	58	60	63	62	66	57	50	54	52	59	57	66	66		147
European Community											13289				11828	11470	11350				

^a Preliminary data.

^b 1990-1998: Distributed according to SNAP90.

^c 1999: Distributed according to SNAP97.

^d Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^e Data include those located within the EMEP area only.

^f Emission figures do not include air traffic above 1000 m and international sea traffic.

^g Calculations are based on official statistical data. Due to economic and social difficulties the collection of statistical data within the country is inadequate. Therefore data provided here may not be reliable.

^h Emissions from 1980-1986 are not updated.

ⁱ Emissions from international air traffic, marine bunkers and managed forests are not included.

^j Emissions reported for 1980-1985 are to be regarded as indicative only, and are not comparable to the emissions reported after 1985.

^k Emissions for 1996-1999 estimated according to SNAP97.

^l Emissions from 1990 onwards are recalculated.

^m Emissions from 1990 onwards are calculated using the categories of SNAP97.

ⁿ Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions from the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to decline in the national economy.

^o For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^p SO_x emissions 1980-1989 and NO_x emissions 1980-1984 do not include mobile sources.

^q NO₂ figures for 1980-1989 refer to stationary and road vehicles only.

^r International transport (ie aviation and navigation) is not included in national totals except for the CO₂ figure for 1980.

^s Emissions of SO₂ and NO_x from domestic navigation/coastal shipping, for the years 1980-1993, are assumed to account for 30% of the total emissions from shipping in Sweden.

^t Data are for sectors 1-6 only. Data for sectors 7-11 are not yet ready.

^u Sum of reported sector data.

^v NO₂ emissions for the base year (1978) are 21830 kilotonnes.

Таблица 3. Антропогенные выбросы аммиака (1980-1999 годы, 2010 год) в регионе ЕЭК (тыс. т NH₃ в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia		3.1	3.1	3.0	2.8	2.0	1.7	1.7	2.0	0.2	25.00	0.11	0.05	0.01	0.006	0.006	0.004	0.004	0.002	0.003 ^a	
Austria	78.4	79.3	79.4	81.2	82.0	81.4	81.0	80.2	79.0	79.9	79.9	79.2	76.4	76.2	75.9	74.2	72.6	72.1	71.8	70.3	66.0
Belarus											4				4	4.6	4.4	4.05	4.4	4.16	4.0
Belgium						89					107	93	92	97	96	97	99	99	102 ^b	103 ^b	74
Bosnia and Herzegovina																					
Bulgaria											144	124	111	109	101	99	83	77	66	60	108
Canada																					
Croatia ^{cde}											37.1	31.7	26.8	25.5	24.2	24.9	23.4	23.0	23.3	24.4	30
Cyprus																					
Czech Republic											156	134	115	99	91	86	81	81	80	75	101
Denmark ^f	125	123	120	119	115	134.9	135.0	131.4	127.8	128.3	127.9	123.6	120.7	116.9	112.2	105.2	100.6	100.0	100.9	95.99	
Estonia ^g											24.25	22.24	18.47	13.36	12.59	10.97	9.55	9.74	9.76	8.47	
Finland	39					43.00	41	45.00			38		41.00			35.2	35.00	38	37.8	35.2	31
France ^h	805	814	817	822	807	807	812	807	788	788	790	787	776	768	774	781	795	803	807	805 ^b	780
Georgia																					
Germany ^{ij}	835	821	817	841	853	857	846	845	835	823	765	673	649	638	639	635	635	625	632	624	550
Greece											79	78	75	75	73	85	73	71	74		73
Hungary	157.0					150.0	170.0	150.0		170.0	124.0	93.00	84.00	77.00	76.00	77.00	78.00	76.00	73.53	71.09 ^b	90
Iceland																					
Ireland											112	115	117	117	119	120	122	123	127	127	116
Italy	479	475	464	504	481	487	495	497	499	481	466	451	440	449	459	461	430 ^k	443 ^k	438 ^k	448 ^k	449
Kazakhstan																					
Kyrgyzstan																					59.11
Latvia											44	42	33	20	17	17	16	15	13	12	
Liechtenstein	0.144				0.145						0.146										0.150
Lithuania ^l	85	86	86	87	88	89	89	90	89	86	84	85	81	80	80	38	36	35	35	29	84
Luxembourg											7			7.000	7	7	7	7	7	7.288	7
Malta																					
Monaco																					
Netherlands	234	240	244	244	246	248	258	258	237	232	226	228	180	191	166	146	146	188	170	175	128
Norway	22.5	23.00	23.00	23.00	23.00	23.00	23.00	23.0	21.3	22.8	22.9	23.9	25.0	24.8	24.9	25.9	26.5	26.3	27.1	26.6	23
Poland	550					550	550	550	550	550	508	450	447	382	384	380	364	350	371	341	468.0
Portugal ^{lm}											104.6	100.1	106.6	99.3	92.7	101.7	99.1	100.5	103.0		
Republic of Moldova ^{no}	52.7					57.9					49	49	44	37	35	33	31	25	25	24.8	42
Romania	340.0	332.0	327.0	311.0	359.0	343.0	350.0	329.0	339.0	341.0	300.0	267.0	255.0	223.0	221.0						
Russian Federation ^{op}	1189	1192	1214	1245	1247	1239	1286	1277	1269	1258	1191	1161	1084	903	772	824	749	730	675	657	
Slovakia											62.9	59.2	51.0	45.2	42.6	41.2	41.4	38.4	34.7	36.1	
Slovenia											24	23	23	23	22	22	22	19	20	20	20
Spain ^r	396	383	409	411	417	420	435	474	475	487	472	468	468	448	470	467	517				
Sweden ^q									54		51	51	61	61	61	61	61	59	59	55	57
Switzerland	77				60.00	73.7					71.5	61.00	62.00	63.00		69.2	71	71	68.3	68.3	63.0
The FYR of Macedonia																					
Turkey																					
Ukraine											23.00					9.100	7.7	7.000			23.00
United Kingdom											365.3	360.0	343.8	343.3	345.4	337.1	334.8	341.1	349.4	348.3	
United States						1685					3926	3977	4028	4093	4157	4226	4258	4343	4432	4503	4505
Yugoslavia																					
European Community											3789					3530					

^a Agriculture not included.

^b Preliminary data.

^c 1990-1998: Distributed according to SNAP90.

^d 1999: Distributed according to SNAP97

^e Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^f Data include those located within the EMEP area only.

^g NH3 emissions were calculated from industry and agriculture.

^h Emission figures do not include air traffic above 1000 m and international sea traffic.

ⁱ Emissions from 1980-1986 are not updated.

^j Emissions from international air traffic, marine bunkers and managed forests are not included.

^k Emissions for 1996-1999 estimated according to SNAP97.

^l Emissions from 1990 onwards are recalculated.

^m Emissions from 1990 onwards are calculated using the categories of SNAP97.

ⁿ Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to a decline in the national economy.

^o For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^p NH3 figures for 1980-1985 refer to agricultural sector only.

^q International transport (ie aviation and navigation) is not included in national totals except for the CO2 figure for 1980.

Таблица 4. Антропогенные выбросы неметановых летучих органических соединений (1980-1999 годы, 2010 год) в регионе ЕЭК (тыс. т НМЛОС в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia		25.7	24.3	23.8	21.7	92.7	98.1	104.3	92.5	90.2	81.00	69.9	30.9	19.9	17.1	23.4	17.8	35.10	16.94	17.47	
Austria	353.2	352.0	350.4	354.1	361.4	359.8	373.3	376.1	378.3	367.8	344.7	314.2	280.4	269.0	259.2	260.2	249.4	245.6	236.3	230.7	159.0
Belarus	549	546.0	543.0	543.0	540.0	516	506	509	535	511	533	546	412	372	366	367	327.7	344.7	294.0	239.9	321
Belgium						688 ^a					354	313	313	311	305	294	274	270	277 ^b	271 ^b	144
Bosnia and Herzegovina																					
Bulgaria									309		217	178	179	208	175	173	147	120	132	118	185
Canada	2099					2851	2859	2897	2964	2906	2880	2792	2730	2763	2752	2742	2760	2768	2736	2777	2927
Croatia ^{de}											105.0	86.5	63.7	69.3	74.7	74.1	81.5	79.5	78.5	72.9	90
Cyprus																					
Czech Republic						275					435	398	359	338	310	286	284	272	269	248	220
Denmark ⁱ	203	199	199	202	206	196.7	198.5	199.4	195.5	194.3	169.3	167.2	161.7	158.6	150.9	146.9	146.5	136.8	133.9	128.0	73
Estonia						81	83	83	84	87	88.4	81.9	45.4	41.6	44.65	47.5	50.2	53.92	53.7	42.33	44.2
Finland ^g								210	213		209	206	203	195	188	185	173	173	172	168	130
France ^h								2707	2671	2459	2438	2389	2266	2133	2055	1991	1914	1860	1784 ^b	1100	
Georgia ⁱ	45.5	46.8	47.8	49.8	49.3	48.5	47.6	48.2	47.8	46.0	46.4	8.2	3.9	2.2	1.7	1.5	2.4	2.8	10.84	18.63	
Germany ^{jk}	3224	3152	3134	3152	3191	3190	3218	3273	3255	3202	3221	2796	2539	2326	2158	2024	1896	1805	1723	1653	995
Greece						614 ^d					334	338	340	348	357	362	376	384	397		261
Hungary	215					232	263	228	215.0	205	205.0	149.6	141.8	149.0	142.4	150.3	150.1	145.4	140.6	149.0 ^b	137
Iceland	7.7	7.7	7.7	7.6	7.7	8.0	8.4	11.9	12.6	12.6	12.8	14.3	14.1	13.6	14.2	12.0	12.0	9.8	10.0		6.6
Ireland											110	111	114	108	107	104	110	114	115	95	55
Italy	2179	2119	2074	2045	2007	1992	2019	2088	2124	2215	2213	2293	2338	2344	2349	2368	1934 ⁱ	1861 ⁱ	1764 ⁱ	1671 ⁱ	1440
Kazakhstan																					
Kyrgyzstan												8.0	6.9	4.0	2.5	2.8	2.4	2.4	2.4	2.32	
Latvia											179	116	84	113	101	64	48	74	67	64	204
Liechtenstein	1.478	1.486	1.494	1.501	1.509	1.517	1.525	1.533	1.540	1.548	1.556	1.492	1.428	1.364	1.300						0.860
Lithuania ^m	100	102	104	105	106	112	108	108	109	109	108	111	66	52	52	77	82	81	79	68	84
Luxembourg						15					19			18.00	18	16	16	15	13	14.92	9
Malta																					
Monaco											0.700	0.805	0.926	0.829	0.825	0.755	0.702	0.643	0.586		
Netherlands	579.0	555.0	543.0	526.0	513.0	502	489.0	485.0	538.0	468.0	502	462	438	405	389	365	362	317	298	282	185
Norway	176.0	181.7	188.6	201.3	212.3	231.4	249.4	256.0	249.0	275.8	301.7	294.9	323.5	339.6	354.2	368.8	373.2	368.5	350.3	350.6	195
Poland	1036	912	889	954	985	1011	1029	1014	1026	1016	831	833	805	756	819	769	766	774	730	731	804.0
Portugal ^o						199					379.9	408.7	436.3	444.0	442.7	461.6	437.3	498.8	483.7		
Republic of Moldova ^{op}						105	101	102	102	96	157	151.2	99	74.5	65.6	61.7	64.4	68.8	42.9	22.14	100
Romania	829.0	810.0	772.0	796.0	812.0	787.0	830.0	884.0	846.0	812.0	772.0	678.0	627.0	634.0	638.0						
Russian Federation ^f	2843	2843	2582	2444	2390	2496	2338	2807	2790	3715	3566	3259	3204	2979	2861	2507	2576	2338	2332	2355	
Slovakia											148		124.0	122	108.0	107	104	90	87	79	
Slovenia								39.00			44	41	40	42	44	44	49	48	42	40	40
Spain ^f	2572	2547	2507	2545	2551	2594	2622	2679	2711	2759	2790	2737	2649	2485	2697	2635	2515				
Sweden ^q						600.0			555		526	517	485	483	478	457	458	417	413	421	245
Switzerland	323				324	324	318	311	305	298	279	261	242	226	213	200	191	182	173	165	144
The FYR of Macedonia																					
Turkey ^r	359.0	361.0	379.3	387.5	383.9	379.0	403.0	430.3	449.8	453.0	462.2	457.2	478.6	527.1	515.5	581.3	613.1	619.7	614.6	613.0	1925
Ukraine						1626	1660	1687	1604	1512	1369	1302	1171	972.0	1024	811.0	718.0	665.0		1369	
United Kingdom	2373	2350	2386	2407	2462	2475	2531	2594	2662	2693	2657	2592	2491	2387	2340	2215	2152	2050	1917	1744	1430
United States	23892	22485	21460	22565	23466	22161	21188	21053	21798	20424	19099	19277	18926	19141	19671	18977	17658	17901	16887	16461	12890
Yugoslavia																					
European Community											16888					14026					

^a The NMVOC figure for 1985 includes CH4 emissions.

^b Preliminary data.

^c 1990-1998: Distributed according to SNAP90.

^d 1999: Distributed according to SNAP97.

^e Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^f Data include those located within the EMEP area only.

^g Time series will be updated.

^h Emission figures do not include air traffic above 1000 m and international sea traffic.

ⁱ Calculations are based on official statistical data. Due to economic and social difficulties the collection of statistical data within the country is inadequate. Therefore data provided here may not be reliable.

^j Emissions from 1980-1986 are not updated.

^k Emissions from international air traffic, marine bunkers and managed forests are not included.

^l Emissions for 1996-1999 estimated according to SNAP97.

^m Emissions from 1990 onwards are recalculated.

ⁿ Emissions from 1990 onwards are calculated using the categories of SNAP97.

^o Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions from the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to a decline in the national economy.

^p For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^q International transport (ie aviation and navigation) is not included in national totals except for the CO2 figure for 1980

^r Sum of reported sector data.

Таблица 5. Антропогенные выбросы окиси углерода (1980-1999 годы, 2010 год) в регионе ЕЭК (тыс. т СО в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia		26.6	30.0	30.4	30.9	404.9	405.1	416.5	417.1	398.9	304.3	377.2	195.1	145.1	128.0	173.6	125.5	223.6	124.4	123.7	
Austria	1711	1644	1582	1548	1602	1548	1643	1602	1552	1486	1307	1287	1206	1177	1151	1049	1024	1024	970.3	864.9	
Belarus						1654	1605	1601	1590	1615	1722	1717	1381	1201	1241	1253	1242	1223	1034	786.4	1404
Belgium											1112	1120	1138	1104	1054	1032	1009	949	966 ^a	944 ^a	
Bosnia and Herzegovina																					
Bulgaria								997	995	985	891	608	768	820	855	846	613	515	650	617	750
Canada	10273					9685					10596	10153	9855	9851	9747	9653	9595	9476	9302	9425	10550
Croatia ^{bcd}											655.2	565.3	416.5	375.4	369.4	345.8	388.8	365.6	344.9	334.3	660
Cyprus																					
Czech Republic	894	0	906	0	895	899	740	738	737	884	1055	1102	1045	967	1026	874	886	877	767	686	
Denmark ^e	956.3	1075	1123	950.6	1060	993.1	998.1	1019	937.8	1000	704.0	718.3	687.3	662.1	621.7	604.9	623.9	567.1	601.1	541.3	331
Estonia						400	417	423	419	448	434.1	399.2	207.8	210.2	241.1	242.3	267.7	282.8	280.7	215.3	
Finland	660										559	552	478	457	444	436	461	474	452	547	
France ^{ef}	15737	14968	14510	14070	14133	13935	13522	13267	12843	12288	10774	10645	10221	9657	8981	8862	8277	7854	7614	7178 ^g	
Georgia ^h	648.3	617.3	632.2	647.8	651.3	636.5	642.9	638.9	647.7	597.3	526.4	441.4	129.5	142.5	148.5	249.5	390.2	429.2	353.3	222.5	
Germany ^{hi}	14046	13027	12438	11980	12176	12134	12135	12438	12080	11430	11213	9515	8351	7704	7065	6667	6234	5832	5341	4952	
Greece											1328	1369	1318	1317	1309	1340	1385	1405	1500		
Hungary	1019					931.1			963.1		997.0	913.4	835.8	796.1	774.3	761.3	726.9	733.4	736.9	755.1 ^a	800
Iceland	44.2	44.2	44.2	43.2	44.1	45.5	48.2	53.6	57.1	57.0	58.2	59.2	60.7	59.9	60.3	49.4	49.9	38.9	39.8		19.41
Ireland											401	394	395	350	329	304	307	312	318	285	322.0
Italy	7588	7478	7527	7432	7590	7692	7607	7674	7581	7735	7824	8003	7961	7755	7549	7755	6971 ⁱ	6681 ⁱ	6318 ⁱ	6051 ⁱ	4213
Kazakhstan																					
Kyrgyzstan												26.2	21.3	13.2	9.5	7.5	5.5	4.6	5.0	3.68	
Latvia											499	823	555	612	307	454	176	354	326	296	330
Liechtenstein	4.187	3.996	3.804	3.613	3.422	3.230	3.039	2.848	2.657	2.465	2.274	2.156	2.038	1.920	1.802						
Lithuania ^k	541	548	543	550	550	545	554	564	578	568	519	577	350	292	303	286	312	358	358	320	400
Luxembourg						193					175			219.0	145	107	103	80	51	49.80	33
Malta																					
Monaco											3.018	3.470	3.935	3.469	3.416	3.088	2.776	2.689	2.297		
Netherlands	1530	1418	1374	1354	1357	1381	1252	1192	1179	1131	1143	1025	983	960	907	892	903	749	722	679	
Norway	822.1	815.1	823.7	815.8	842.0	844.2	872.3	832.0	868.9	823.2	820.8	760.1	751.2	746.1	737.7	700.6	670.2	635.2	600.6	565.4	
Poland											7406		7083	8655	5115	4547	4837	4700	4301	4365	
Portugal ^l											1114	1189	1284	1269	1234	1201	1178	1143	1095		
Republic of Moldova ^{mn}	55	53	56	49	48	483	478	474	496	476	453.2	468.4	279.2	218.4	170.9	192	170.3	210.2	153.4	100.2	150
Romania	3245	3217	3152	3030	3463	3307	3378	3196	3317	3314	3186	2695	2506	2434	2325						
Russian Federation ^c	13520	15005	13617	13696	13672	14122	13142	13119	12988	12054	13174	12869	11574	11193	10495	9846	9312	10262	10284	10701	
Slovakia										491	535	485	430	456	446	435	360	352	318	310	
Slovenia	68	66	63	61	64	68	78	79	75	75	81	78	78	87	93	91	95	93	77	70	53
Spain ^e	3670	3542	3509	3539	3513	3475	3526	3633	3824	4000	3898	3992	4078	3885	3859	3448	3662				
Sweden ^o											1210	1212	1176	1148	1142	1088	1082	962	1004	924	426
Switzerland	1280	1222	1164	1106	1048	990	933	877	820	764	673	629	581	544	516	491	467	443	422	399	370
The FYR of Macedonia																		23.00	25.80 ^p		
Turkey ^q	2563	2575	2709	2772	2744	2725	2867	3041	3143	3155	3130	3110	3225	3460	3363	3552	3684	3722	3644	3607	10986
Ukraine						9832	9722	9269	9085	8794	8141	7406	5496	4218	3375	2906	2567	2516			8141
United Kingdom	7647	7608	7621	7406	7416	7192	7193	7233	7289	7517	7155	6956	6633	6140	5847	5492	5468	5184	4960	4760	2838
United States	10653	10296	10069	10558	10471	10615	99243	98298	10530	96561	89921	92350	89819	90530	94089	85329	91894	92044	87882	88398	86998
	6	8	1	3	2	5			8												
Yugoslavia																					
European Community											50008				41861	40574	39353				

^a Preliminary data.

^b 1990-1998: Distributed according to SNAP90.

^c 1999: Distributed according to SNAP97.

^d Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^e Data include those located within the EMEP area only.

^f Emission figures do not include air traffic above 1000 m and international sea traffic.

^g Calculations are based on official statistical data. Due to economic and social difficulties the collection of statistical data within the country is inadequate. Therefore data provided here may not be reliable.

^h Emissions from 1980-1986 are not updated.

ⁱ Emissions from international air traffic, marine bunkers and managed forests are not included.

^j Emissions for 1996-1999 estimated according to SNAP97.

^k Emissions from 1990 onwards are recalculated.

^l Emissions from 1990 onwards are calculated using the categories of SNAP97.

^m Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions from the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to a decline in the national economy.

ⁿ For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^o International transport (ie aviation and navigation) is not included in national totals except for the CO2 figure for 1980.

^p Data are for sectors 1-6 only. Data for sectors 7-11 are not yet ready.

^q Sum of reported sector data.

Таблица 6. Антропогенные выбросы метана (1980-1999 годы, 2010 год) в регионе ЕЭК (тыс. т CH₄ в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia											152.8				77.56	79.24	77.52				
Austria	528.7	531.1	531.3	535.4	540.6	538.9	539.9	535.7	535.8	537.1	537.6	527.1	514.5	508.3	500.1	489.5	481.3	469.6	459.0	454.4	
Belarus											955.4					429.6					1000
Belgium											590	594	592	599	598	597	597	590	593 ^a	585 ^a	
Bosnia and Herzegovina																					
Bulgaria								646	660	638	757	582	623	664	523	506	495	533	553	478	420
Canada	2072	2682	2739	2759	2785	2847	2691	2801	2934	2987	3500	3700	3800	3900	4000	4200	4300	4300	4300	4300	
Croatia ^{bcd}											169.6	159.7	144.8	147.2	138.0	134.4	134.0	127.8	123.4	126.1	150
Cyprus																					
Czech Republic											779	710	668	633	614	599	573	562	529	517	
Denmark ^k	328.3	332.8	333.2	329.5	327.7	318.8	314.3	303.5	299.9	301.8	278.8	281.0	280.9	285.4	281.7	280.6	278.9	271.8	286.5	268.8	248
Estonia											105.2	101.1	91.3	79.7	79.5	67.7	63.2	103.1	101	120.5	
Finland	660								520.0		298	279	252	229	222	223	216	208	197	189	
France ^{ef}											2945	2996	3008	3045	3054	3096	3052	2809	2783	2688 ^g	
Georgia ^g	379.8	374.5	382.2	387.4	396.1	411.2	416.3	411.9	394.6	383.3	356.4	309.1	242.5	189.6	163.3	151.9	155.5	167.4	114.3	62.93	
Germany ^{hi}	6117	6020	5914	5839	5803	5918	5875	5607	5533	5516	5571	5013	4654	4267	4022	3894	3570	3477	3353	3271	2628
Greece											438	440	440	441	446	456	453	457	465		
Hungary	1115					1173					1215	1134	1243	1165	1122	1210	1176	1131	1010	977.1 ^a	900
Iceland	15.1	15.1	15.1	14.6	14.9	15.0	14.6	14.1	13.9	13.9	14.0	13.9	13.7	13.7	13.8	13.6	13.9	13.9	13.7		3.9
Ireland											602	608	610	613	616	623	634	643	637	637	580
Italy	2176	2172	2151	2234	2206	2231	2276	2313	2344	2330	2341	2390	2362	2461	2559	2555	1923 ^j	1960 ^j	1960 ^j	1962 ^j	
Kazakhstan																					
Kyrgyzstan																					
Latvia											194	190	157	112	98	101	93	102	97	99	119
Liechtenstein	0.742				0.713						0.704										
Lithuania ^k	256	272	250	276	295	358	309	313	310	298	339	353	333	323	321	260	247	263	274	262	332
Luxembourg											24			25.00	22	23	24	24	23	23.77	26
Malta																					
Monaco											0.052	0.056	0.059	0.060	0.061	0.059	0.060	0.062	0.060		
Netherlands	971	875	876	1009	1039	1177	1049	1047	1024	1039	1293	1300	1253	1223	1203	1173	1233	1110	1060	1030	
Norway	257.2	271.0	276.0	281.0	285.0	290.0	295.0	291.1	292.6	304.8	311.8	315.6	321.8	327.6	334.6	337.1	340.5	343.0	337.9	337.2	23.00
Poland									3141		2801	2589	2474	2432	2467	2457	2252	2279	2335		
Portugal ^l											637.1	639.9	635.1	623.1	634.7	633.5	632.5	636.5	633.9		
Republic of Moldova ^{mm}											193.2	183.8	164.2	144.2	147.3	134.3	128.2	117.9	106.8	116.3	
Romania	2393	2363	2218	2272	2345	2306	2475	2732	2535	2357	1955	1725	1532	1532	1512						
Russian Federation ^{oo}	5462	5414	5396	5423	5441	5427	5400	5428	5358	5312	5174	4923	4649	3680	3542	3400	3136	2902	2474	2775	
Slovakia											322	294	268	250	244	248	254	241	222	222	
Slovenia								90.00			169	171	162	164	162	166	166	164	165	163	116
Spain ^r	1109	1146	1243	1269	1290	1311	1422	1507	1520	1613	1624	1650	1686	1710	1754	1796	1890				
Sweden ^p											324	325	321	321	303	297	297	260	256	301	262
Switzerland	312			239	287						242	243	240	238	234	233	230	227	222	217	192
The FYR of Macedonia																					
Turkey ^q	142.4	144.1	155.2	161.8	163.2	175.7	183.0	194.4	190.3	195.7	164.2	188.7	193.7	233.5	194.5	332.0	386.3	441.7	133.3	125.0	174.0
Ukraine																					
United Kingdom	3911	3907	3930	3948	3228	3760	3940	3884	3819	3752	3677	3628	3534	3179	2944	2918	2855	2764	2637		2852
United States											30689	30606	30883	30389	30784	30978	30379	30096	29754	29504	
Yugoslavia																					
European Community											20878	20380	19701	18908	18399		17766	17572	17489		

^a Preliminary data.

^b 1990-1998: Distributed according to SNAP90.

^c 1999: Distributed according to SNAP97.

^d Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^e Data include those located within the EMEP area only.

^f Emission figures do not include air traffic above 1000 m and international sea traffic.

^g Calculations are based on official statistical data. Due to economical and social difficulties the collection of statistical data within the country is inadequate. Therefore data provided here may not reliable.

^h Emissions from 1980-1986 are not updated.

ⁱ Emissions from international air traffic, marine bunkers and managed forests are not included.

^j Emissions for 1996-1999 estimated according to SNAP97.

^k Emissions from 1990 onwards are recalculated.

^l Emissions from 1990 onwards are calculated using the categories of SNAP97.

^m Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions from the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to a decline in the national economy.

ⁿ For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^o Since 1995 CH₄ emissions from wetlands, livestock and poultry have been refined by application of the coefficient from the Guidebook (1996 edition).

^p International transport (ie aviation and navigation) is not included in national totals except for the CO₂ figure for 1980.

^q Sum of reported sector data.

Таблица 7. Антропогенные выбросы диоксида углерода (1980-1999 годы, 2010 год) в регионе ЕЭК (млн. т CO₂ в год)

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia											21.40				3.000	4.400	3.300				
Austria	63.8	59.8	57.4	56.5	58.4	59.2	58.5	59.8	57.2	58.0	62.1	66.0	60.2	59.9	61.8	63.8	64.9	66.8	65.5	65.8	54.0
Belarus											101.6				67.0	61.1			64.0		96.2
Belgium											116	120	118	109	113	126	129	126	122 ^a	122 ^a	
Bosnia and Herzegovina																					
Bulgaria								100	97	98	85	67	61	63	60	63		59			101
Canada	440	442	401	387	404	421	416	434	466	490	466	456	470	468	482	494	507	518	529	529	
Croatia ^{bcd}											23.5	18.6	17.0	17.7	18.2	17.6	18.2	19.8	20.4	20.0	30
Cyprus	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	6	6	6	6	7	9
Czech Republic	196					180	179	178	173	170	163	148	134	129	124	123	129	130	125	118	161.0
Denmark ^e	64.51	55.68	58.52	54.95	57.41	63.91	65.32	63.45	59.28	54.29	53.16	63.54	58.04	59.54	63.33	60.20	73.61	64.18	59.90	57.02	60
Estonia											36.25	35.19	25.13	19.6	21.53	17.36	18.58	16.87	15.85	8.880 ^f	
Finland	54	45	43	42	43	50	48	52	52	52	59	59	57	57	63	61	67	65	64	64	59
France ^{eghi}	441	385	368	347	335	329	313	310	310	322	323	349	336	309	303	311	323	316	337	330 ^f	
Georgia ^j	34.59	36.05	37.17	39.23	39.26	39.62	36.63	36.93	36.32	34.88	36.42	28.67	17.77	10.51	7.343	5.344	8.343	9.176	7.52	4.73	
Germany ^{hi}	1105	1083	1045	1042	1070	1076	1084	1074	1059	1039	1015	976	928	918	904	903	924	893	887	858	
Greece	48					59	58	63	67	72	85	85	86	87	88	90	92	96	100		
Hungary	92.00	92	92	91	90	88.80	87.00	87.40	84.50	80.90	74.20	72.40	65.90	65.66	63.94	63.45	67.06	64.78	62.35	60.70 ^a	77
Iceland	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.3	2.3	2.3	2.4	2.5	2.5		2.9
Ireland											31.57	32.25	32.89	32.42	33.98	34.50	35.70	38.07	40.02	41.89	51.37
Italy	364	352	345	339	342	345	363	377	391	403	412	404	415	403	391	416	437 ^m	440 ^m	454 ^m	457 ^m	
Kazakhstan																					
Kyrgyzstan																					
Latvia											24	19	15	13	12	10	9.6	8.7	8.3	7.3	18
Liechtenstein	0.153	0.145	0.130	0.128	0.153	0.177	0.172	0.177	0.178	0.202	0.207	0.214	0.221	0.218	0.220						
Lithuania ⁿ	46	46	45	45	44	45	46	47	47	46	42	45	29	25	25	18	19	19	19	17.9	35
Luxembourg						11					10			11.00	9	7	7	6	5	5.143	6
Malta																					
Monaco											0.108	0.125	0.133	0.135	0.138	0.135	0.141	0.143	0.138		
Netherlands ^o	167					150					165	171	169	172	174	182	190	183	181	174	
Norway	32.3	31.7	30.8	31.8	33.7	32.1	34.6	33.3	35.4	34.3	35.1	33.5	34.3	35.8	37.7	37.8	40.9	41.2	41.4	41.6	48.60
Poland								478	488		381	368	372	364	372	349	373	362	338		
Portugal ^p											56.9	58.8	62.7	60.8	61.2	63.8	62.2	63.2	66.4		
Republic of Moldova ^{qr}											26.50	23.63	17.67	12.84	10.37	8.73	8.40	7.30	6.40	4.30	
Romania	184.0	184.0	180.0	184.0	193.0	189.0	195.0	196.0	201.0	198.0	171.0	141.0	126.0	123.0	121.0						
Russian Federation ^c	1400	1425	1450	1475	1500	1560	1600	1700	1650	1725	1670	1630	1630	1450	1580	1500	1500	1500	1500	1500	1900
Slovakia								63			60	52	49	46	43	45	45	45	44	45	
Slovenia	14	15	15	15	15	14	16	14	14	14	15	13	13	14	14	15	16	16	16	15	14
Spain ^e	191	193	192	194	184	183	184	187	183	212	216	224	233	221	233	243	230				
Sweden ^s	82	74	69	64	63	67	68	67	63	64	55	55	56	56	58	58	63	56	57	57	64
Switzerland											40.07	41.88	41.46	37.85	37.17	38.08	38.29	37.38	38.73	40.6	
The FYR of Macedonia																					
Turkey ^t	112.4	112.6	118.9	123.7	129.9	137.9	146.5	156.1	152.2	166.3	171.0	177.0	183.7	190.6	188.9	218.0	237.0	263.4	203.8	213.5	487.0
Ukraine																					
United Kingdom	603.0	579.0	570.0	564.0	548.0	567.0	581.0	586.0	586.0	577.0	592.3 ^u	596.1 ^u	581.1 ^u	565.3 ^u	561.1 ^u	551.9 ^u	571.4 ^u	546.5 ^u	568.7 ^u	536.3 ^u	620.0
United States											4913	4861	4961	5073	5169	5220	5403	5479	5490	5558	
Yugoslavia																					
European Community											3309		3263	3199	3214	3253	3329	3269	3315		

^a Preliminary data.

^b Values for the period 1980-1989 are missing because air emission inventories were not prepared for that period.

^c Projection for 2010 according to business-as-usual scenario determined in the first national communication to the United Nations Framework Convention on Climate Change.

^d Sink of CO₂ is not added to total emission of CO₂.

^e Data include those located within the EMEP area only.

^f New methodology of the Intergovernmental Panel on Climate Change (IPCC). Removal of CO₂ has increased approximately by a factor of two.

^g Emission figures do not include air traffic above 1000 m and international sea traffic.

^h Emission figures do not include international air traffic and international sea traffic.

ⁱ Net emissions including sink.s

^j Calculations are based on official statistical data. Due to economic and social difficulties the collection of statistical data within the country is inadequate. Therefore data provided here may not be reliable.

^k Emissions from 1980-1986 are not updated.

^l Emissions from international air traffic, marine bunkers and managed forests are not included.

^m Emissions for 1996-1999 estimated according to SNAP97.

ⁿ Emissions from 1990 onwards are recalculated.

^o CO₂ figures are reported under the United Nations Framework Convention on Climate Change. Current reduction plans according to EU Council agreement on the EU-National Emissions Ceilings Directive.

^p Emissions from 1990 onwards are calculated using the categories of SNAP97.

^q Since 1993 emissions located on the left side of the Dniester River are not included, except for emissions from the Moldovan electric station. The drop in emissions between 1991 and 1992 is due to a decline in the national economy.

^r For 1990-1999 emissions have been calculated according to EMEP/CORINAIR Emission Inventory Guidebook and the Greenhouse Gas Inventory Reporting Instructions.

^s International transport (ie aviation and navigation) is not included in national totals except for the CO₂ figure for 1980

^t Sum of reported sector data.

^u As reported to IPPC.

Таблица 8. Антропогенные выбросы стойких органических загрязнителей в регионе ЕЭК
(кг в год; диоксины и фураны - г Тэкв. в год; ПАУ - т в год)

Party	Year	ANNEX I									ANNEX II			ANNEX III			OTHER			
		Aldrin	Chlor-dane	Chlor-decone	Dieldrin	Endrin	Hepta-chlor	Hexa-bromo-biphenyl	Mirex	Toxa-phene	HCH	DDT	PCBs	Dioxins and furans	PAHs	HCB	PCP	SCCP	PER	TRI
Austria	1990													92.06	547.1					
	1991													85.35	504.9					
	1992													70.86	483.0					
	1993													64.28	496.4					
	1994	0	0	0	0	0	0		0	0	12000	0		58.38	477.4		0			
	1995	0	0	0	0	0	0		0	0	8056	0		61.00	520.8		0			
	1996	0	0	0	0	0	0		0	0	8640	0		60.21	514.6		0			
	1997	0	0	0	0	0	0		0	0	2324	0		56.67	481.2		0			
	1998	0	0	0	0	0	0		0	0	0	0		53.83	467.6		0			
Belarus	1999	0	0	0	0	0	0		0	0	0	0		50.62	459.5		0			
	1997													16.4						
	1998													15.68						
Belgium	1999													15.19						
	1990													448.0 ^a	354.3 ^a	487.6	5768			
	1993 ^a														294.1					
	1994													147.6 ^b	235.2	30.00 ^c				
	1995										9 ^c			437.5	274.5	236.8	16.00 ^d			
	1996										9 ^c			108.1	184.2	21.00 ^c	6.000 ^c			
	1997										9600 ^c			122.6	187.4	25.00 ^c	7.000 ^c			
	1998 ^e										9600 ^c			116.3	187.2	25.00 ^c	7.000 ^c			
	1999 ^e													135.9	189.8					
Bulgaria	1990												258.4	554.2	677.3	544	49.30			
	1995												382.2	456.0	443.4	79	10.72			
	1996												261.7	340.9	409.5	87	10.61			
	1997												227.0	309.6	364.3	47	7.54			
	1998												252.8	288.4	384.0	75.6	9.07			
	1999												247.4	245.3	286.0	46	6.36			
Croatia	1990										9400 ^f			178.6 ^f	11 ^f	0 ^f	8500	1458967		
	1996										12800 ^f			97.35 ^f	9.30 ^f	0 ^f	0	1636000		
	1997										3100 ^f			95.04 ^f	9.17 ^f	0 ^f			142700	1242000
	1998 ^f										5000			110.8	8.59	0				
	1999 ^f										5000			97.96	7.93	0				
Cyprus	1990													772			0.7			
	1990												772.9	1252	751.6					
Czech Republic	1991												772.0	1220	747.0					
	1992												741.3	1220	1131					
	1993												643.6	1140	1115					
	1994												629.8	1135	951.4					
	1995												622.9	1135	1357					
	1996												554.5	921.5	971.4					
	1997												447.8	830.2	657.4					
	1998												457.7	766.7	656.7					
	1999												485.4	643.2	556.6					
	1994										61.00			15	9.974			842555		
Denmark ^h	1995	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000		14	10.45					
	1996													21	11.46					
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000		20	11.15					
Estonia	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		20	10.49					
	1999													95	11.18					
	1990														0.308					
Estonia	1991														0.290					
	1992														0.172					
	1993														0.182					

Party	Year	ANNEX I									ANNEX II			ANNEX III			OTHER			
		Aldrin	Chlor-dane	Chlor-decone	Dieldrin	Endrin	Hepta-chlor	Hexa-bromo-biphenyl	Mirex	Toxa-phene	HCH	DDT	PCBs	Dioxins and furans	PAHs	HCb	PCP	SCCP	PER	TRI
	1994														.183					
	1995														.188					
	1996														.191					
	1997														.197					
	1998														.213					
Finland	1990													35.4 ^l	16.11 ^l					
	1991													34.8 ^l	12.74 ^l					
	1992													33.1 ^l	12.85 ^l					
	1993												5300	34.7 ^l	13.04 ^l					
	1994												1100	41.5 ^l	17.39 ^l					
	1995												15800	40.7	17.35 ^l					
	1996													39.8	16.80 ^l					
	1997													39.1	16.11 ^l					
	1998													39.5	16.25 ^l					
	1999													41.1	16.73 ^l					
France ^{hk}	1990												59	2206	2054		78200000 ^l	18800000	28400000	
	1991												66	2268	2467		69100000 ^l	16900000	25500000	
	1992												67	2312	2308		59900000 ^l	13400000	23200000	
	1993												67	2392	2282		50900000 ^l	12000000	20200000	
	1994												64	2363	1943		48700000 ^l	12600000	18800000	
	1995												60	2107	1971		42900000 ^l	11300000	18300000	
	1996												61	1865	2109		40000000 ^l	10200000	19800000	
	1997												50	1253	1886		35700000 ^l	9200000	19100000	
	1998												50	836	1927		34200000 ^l	9400000	19900000	
	1999 ^e												47	558	1896		31900000 ^l	9600000	19900000	
Germany	1990												43579 ^m	1196	420 ^{mm}	86 ^m				
	1994										15000		30894 ^m		396 ^{mm}		752	2100300		
	1995													309						
Hungary	1985												169	215.0	158	0.486			0.0365	
	1990										9281		135	180.6	132.3	0.304			0.0228	
	1991										60		120	159.7	121.6	0.506			0.038	
	1992										12		108	121.8	86.87	0.678			0.0509	
	1993										462		106	121.0	80.71	0.632			0.0474	
	1994										798		105	114.9	72.34	0.476			0.0357	
	1995										1650		101	113.5	67.62	0.660			0.0495	
	1996										2400		97.7	105.2	63.25	0.660			0.0495	
	1997										31		97.6	103.3	60.48	0.678			0.0509	
	1998										22		92.2	93.64	53.50	0.712			0.0534	
Iceland	1990	0.000																		
Kyrgyzstan	1992										0.04				1.824					
	1993										0.038				4.363					
	1994										4.898				0.27					
	1995														0.129					
	1996														0.544					
	1997										0.003				0.20					
	1998										0.003				0.202					
	1999														0.089					
Lithuania	1997												12.45	5.620	71.21					
	1998												14.20	5.970	53.14					
	1999												12.69	5.030	44.49					
Luxembourg	1990													40						
	1994													23	1.1					
	1995													24	0.6					
	1996													16	0.7					
	1997													16	0.4					
	1998													8	0.3					

Party	Year	ANNEX I									ANNEX II			ANNEX III			OTHER			
		Aldrin	Chlor-dane	Chlor-decone	Dieldrin	Endrin	Hepta-chlor	Hexa-bromo-biphenyl	Mirex	Toxa-phene	HCH	DDT	PCBs	Dioxins and furans	PAHs	HCB	PCP	SCCP	PER	TRI
	1999														0.000					
Netherlands	1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	618.0	172.0	0.000	0.000	8858000		
	1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.251	505.0	142.0		30000			
	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.283	143.0	139.0	0.0	0.0	5631000		
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	74.2	128.0	0.0	0.0	4755000		
	1996					0	0	0	0	0	0.000			60.7	109.0	0.0	0.0	4036600		
	1997										0.000			55.3	107.0	2.1	0.0	3533200		
	1998													43.8	73.1	0.0	26000	3470000		
	1999													34.8	73.2	0.0	25000	2850000		
Norway	1990	0	0	0	0	0	0	0	0	0		0			14.9 ⁰					
	1991	0	0	0	0	0	0	0	0	0		0			14.5 ⁰					
	1992	0	0	0	0	0	0	0	0	0	0	0			13.9 ⁰	120 ^p				
	1993	0	0	0	0	0	0	0	0	0	0	0			14.6 ⁰	135 ^p				
	1994	0	0	0	0	0	0	0	0	0	0	0			14.6 ⁰	125 ^p				
	1995	0	0	0	0	0	0	0	0	0	0	0			125	14.7 ⁰	80 ^p		379335	
	1996	0	0	0	0	0	0	0	0	0	0	0			105	15.2 ⁰	50 ^p	100	766800	304000
	1997	0	0	0	0	0	0	0	0	0	0	0			105	15.3 ⁰	60 ^p	100		
	1998	0	0	0	0	0	0	0	0	0	0	0				14.9 ⁰	50 ^p			
	1999	0	0	0	0	0	0	0	0	0	0	0				13.7 ⁰	40 ^p			
Poland	1990	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000	2373	368.3	163.4	0.000				
	1991													349.2	178.4					
	1992													338.1	175.6					
	1993													396.6	170.0					
	1994													360.9	235.9					
	1995	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000	2338	387.7	242.3	0.000				
	1996	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000	2342	366.2	229.6	0.000				
	1997	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000	2386	347.7	201.2	0.000				
	1998	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000	2312	290.4	181.0	0.000				
	1999	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000		0.000	2304	287.4	180.5	0.000				
Republic of Moldova	1990														6.171					
	1991														4.879					
	1992														3.993					
	1993														3.282					
	1994														3.120					
	1995														4.261					
	1996														3.595					
	1997														5.058					
	1998														4.760					
	1999														4.350					
Russian Federation ^h	1990										923.0			991	18.26	1.637				
	1991													947	17.30	1.637				
	1992													901	15.60	1.637				
	1993													878	15.29	1.687				
	1994													825	15.45	1.6				
	1995													769	15.28	1.3				
	1996													637	15.02	1.1				
	1997													614	14.99	0.979				
	1998													606	14.71	0.95				
	1999													625	15.32	0.98				
Slovakia	1990												164.8	224.5	42.0					
	1995												141.1	372.7	19.4					
	1997												138.7	194.2	18.5					
	1998												136.4	187.6	16.0					
	1999												133.9	161.0	16.6					
Slovenia	1990													357	8.60	23.61				
	1994												265	5.67	17.99					

		ANNEX I									ANNEX II			ANNEX III			OTHER			
Party	Year	Aldrin	Chlor-dane	Chlor-decone	Dieldrin	Endrin	Hepta-chlor	Hexa-bromo-biphenyl	Mirex	Toxa-phene	HCH	DDT	PCBs	Dioxins and furans	PAHs	HCb	PCP	SCCP	PER	TRI
	1995												235	4.94	17.00					
	1996												214	4.91	17.28					
	1997												194	3.82	18.89					
	1998												180	3.53	18.20					
	1999												100	3.51	18.33					
Spain^b	1990													181	301.1	9227		69		
	1991													190	307.1	8641		70		
	1992													200	284.3	14703		73		
	1993													196	288.0	7065		74		
	1994													185	281.2	7733		74		
	1995													157	232.7	6088		76		
	1996													155	252.1	6065		72		
Sweden	1990													127 ^d	182					
	1992														153					
	1993 ^d													46						
	1995														153					
Switzerland	1990	0	0	0	0	0	0	0		0		0				0		0		
	1991	0	0	0	0	0	0	0		0		0				0		0		
	1992	0	0	0	0	0	0	0		0		0				0		0		
	1993	0	0	0	0	0	0	0		0		0				0		0		
	1994	0	0	0	0	0	0	0		0		0				0		0		
	1995	0	0	0	0	0	0	0	0	0		0				0		0		
	1996	0	0	0	0	0	0	0	0	0		0				0		0		
	1997	0	0	0	0	0	0	0	0	0		0				0		0		
	1998	0	0	0	0	0	0	0	0	0		0				0		0		
	1999	0	0	0	0	0	0	0	0	0		0				0		0		
Ukraine	1997														2,948					
	1998														0,770					
United Kingdom	1990	0	0	0	0	0	0	0	0	0	100013	0	6976	1142	243.4	1267	538010	62.00		
	1991	0	0	0	0	0	0	0	0	0	86189	0	6397	1123	229.8	1259	537991	62.00		
	1992	0	0	0	0	0	0	0	0	0	74756	0	5901	1098	208.6	1280	537989	62.00		
	1993	0	0	0	0	0	0	0	0	0	65250	0	5407	1049	159.3	1255	529774	62.00		
	1994	0	0	0	0	0	0	0	0	0	57300	0	4846	953.2	149.0	1240	518780	62.00		
	1995	0	0	0	0	0	0	0	0	0	50616	0	4292	819.5	122.0	1248	511033	62.00		
	1996	0	0	0	0	0	0	0	0	0	44963	0	3750	588.6	66.77	1241	503463	62.00		
	1997	0	0	0	0	0	0	0	0	0	40158	0	3248	384.2	54.55	892.8	496159	62.00		
	1998	0	0	0	0	0	0	0	0	0	36052	0	2747	361.0	49.14	892.8	489217	62.00		
	1999										33586		2071	345.7	43.92	785.9	482498	62.00		
United States	1990												102	234	15642 ^f	1450		5639		
	1996		299				82			1	236		195	252	13992 ^f	715		5811		

^a Refers to Flanders only.

^b Refers to Brussels and Wallonia only.

^c Refers to Wallonia only.

^d Refers to Flanders and Wallonia only.

^e Preliminary data.

^f 1990-1998: Emission of POPs is distributed according to SNAP94. 1999: According to SNAP97.

^g Values for the period 1991-1995 are missing because air emission inventories were not prepared for that period.

^h Data include those located within the EMEP area only.

ⁱ Emissions prior to 1994 are underestimated and will be updated.

^j Time series will be updated.

^k Emission figures do not include air traffic above 1000 m and international sea traffic.

^l Sum of TRI, PER and TCE

^m Figures for 1990 and 1994 are not comparable because they are based on different reports.

ⁿ Figures include only Benzo(ghi)perylene and Fluoranthene (Borneff 6).

^o ECE-4 is used for the new PAH data given this year.

^p Only data for sector 4:Production processes, no data for other sectors.

^q Sweden officially reported the 1990 emission range to be 58-127 gTeq, and the 1993 emission range to be 19-46 gTeq.

^r PAHs are defined as the sum of 16 PAH, which includes: Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a, h)anthracene, Indeno(1,2,3-cd)pyrene, Acenaphthene, Acenaphthylene, Anthracene, Benzo(ghi)perylene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, Pyrene.

Таблица 9. Антропогенные выбросы тяжелых металлов в регионе ЕЭК

Party	Year	PRIORITY METALS			OTHER METALS					
		Lead	Cadmium	Mercury	Arsenic	Chromium	Copper	Nickel	Selenium	Zinc
Armenia	1983	91.00		0.01	30.00					
	1984	61.00		0.01	95.00					
	1985	44.00		0.01	62.00		5.00			
	1986	87.00					5.00			
	1987	46.00			62.00	0.20	5.00	0.30		
	1988	57.00			66.00		5.00	0.003		0.10
	1989	22.00		0.03	22.00	5.00	2.00	0.10		
	1990	11.00		0.01		4.00	2.50	0.10		
	1991	0.82		0.01		5.97	1.60	0.24		
	1992	0.61		0.008		1.8	0.068	0.239		
	1993	0.79		0.009		1.04	0.036	0.074		
	1994	0.34		0.001		0.34	0.002	0.003		
	1995	0.334		0.001		0.101	0.001	0.009		
	1996	0.009		0.0008	0.0003	0.466	0.009	0.02		0.016
	1997	0.009				0.019	0.650	0.003		
	1998	0.010				0.008	0.005	0.007		0.001
	1999	0.0053 ^a				0.073	0.008	0.004		0.021
Austria	1985	320.2	4.81	4.29						
	1990	201.9	3.09	2.64						
	1991	170.3	2.72	2.53						
	1992	116.1	2.29	2.03						
	1993	81.97	2.14	1.78						
	1994	57.06	1.84	1.55	3.300	6.600	9.200	35.50	4.700	208.4
	1995	38.61	1.64	1.44						
	1996	35.88	1.59	1.39						
	1997	35.35	1.63	1.42						
	1998	35.37	1.61	1.28						
	1999	33.64	1.50	1.19						
Belarus	1990	797.6	7.59	0.480	13.15	29.24	34.98	601.9		210.5
	1995	148.4	3.48	0.265	4.48	14.10	19.11	246.4		121.7
	1996	46.34	1.20	0.297	3.66	8.68	13.89	202.7		122.3
	1997	42.20	1.25	0.310	3.07	8.27	15.10	167.1		159.3
	1998	41.24	1.45	0.392	2.96	7.91	13.64	154.3		177.9
	1999	37.52	1.42	0.38	2.64	7.19	13.19	128.9		180.1
Belgium	1990 ^b	601.3	9.515	8.794	10.45	53.98	52.26	106.5	21.35	370.5
	1991 ^c	218.0	3.00	2.00	1.00	12.00	6.00	10.00	0.00	135.0
	1992 ^c	230.0	4.00	3.00	3.00	11.00	20.00	9.00	0.10	97.00
	1993 ^c	230.0	1.00	1.00	2.00	22.00	22.00	11.00	3.00	86.00
	1994	325.4	4.397	5.824	4.625	26.82	45.69	52.64	23.46	241.6
	1995	336.1	6.379	4.544	6.393	48.32	55.70	46.73	18.80	286.5
	1996	302.0	4.618	5.546	5.220	32.09	33.19	57.68	7.657	219.9
	1997	290.8	4.599	3.520	5.212	28.12	29.17	48.66	10.19	177.4
	1998 ^d	203.1	3.260	3.495	4.858	22.47	29.52	67.72	9.985	186.4
	1999 ^d	212.2	3.310	3.020	4.318	22.63	30.46	65.22	9.987	181.5
Bulgaria	1990	435.9	28.25	13.20						
	1995	297.5	12.82	6.88						
	1996	278.8	14.33	4.70						
	1997	231.2	14.23	4.31						
	1998	250.8	14.87	4.69						
	1999	223.5	13.57	4.06						
Croatia ^{efg}	1990	466	1.61	1.15	2.28	13.00	14.64	45.76	0.91	84.21
	1995	264	0.95	0.29						
	1996	268	1.04	0.30						
	1997	190	1.03	0.32	1.25	5.19	10.21	30.39	0.41	64.67
	1998	183	1.06	0.32	1.33	5.63	10.31	31.42	0.42	68.29
	1999	178	1.05	0.31	1.32	5.65	10.72	31.83	0.38	68.40
Cyprus	1990	81.00	0.20	0.30	0.60	1.60	1.20	1.70		1.80
	1991	63.00								
	1992	66.00								
	1993	69.00								
	1994	68.00								
	1995	67.00								
	1996	67.00								
	1997	72.00								
	1998	69.00								
	1999	75.00								
	1999	75.00								
Czech Republic	1990	269.4	4.34	7.52						
	1991	240.0	3.92	7.42						
	1992	247.0	3.61	7.28						
	1993	232.0	3.48	7.46						
	1994	202.5	3.52	7.17						
	1995	179.7	3.55	7.40						
	1996	165.4	2.94	5.86						
	1997	179.7	3.00	5.54						
	1998	169.2	2.65	5.16						
	1999	157.0	2.72	3.66						
Denmark	1990 ^h	126.8	1.125	3.171	1.447	6.2	10.04	26.49	4.236	34.56
	1994	45.63	1.156	8.196	1.333	4.724	14.97	27.46	2.928	56.32
	1995	43.03	1.120	8.485						
	1996	20.12	1.085	2.677	1.270	3.399	10.45	25.40	3.386	36.10
	1997 ^h	8.507	0.779	2.117	0.865	3.102	9.375	20.49	3.196	25.50
	1998 ^h	7.553	0.776	1.948	0.846	2.700	9.522	18.92	2.83	23.04
Estonia	1999 ^h	7.337	0.713	1.976	0.846	2.65	9.609	15.2	3.514	22.89
	1990	232.5	1.612	1.292	8.1	8.2	1.7	4.4	0.2	29.3
	1991	208.4	1.493	1.183	7.7	7.9	1.7	4.2	0.2	27.5
	1992	120.9	1.118	0.980	7.2	7.795	1.648	3.9	0.2	26.77
	1993	100.4	0.885	0.750	5.6	6.195	1.241	3.1	0.1	21.47
	1994	106.7	0.937	0.798	4.8	5.078	1.033	2.651	0.1	17.64
	1995	87.56	0.899	0.751	4.0	3.982	0.841	2.167	0.1	16.76

Party	Year	PRIORITY METALS			OTHER METALS					
		Lead	Cadmium	Mercury	Arsenic	Chromium	Copper	Nickel	Selenium	Zinc
	1996	80.16	0.941	0.778	4.3	4.236	2.344	2.352	0.1	16.34
	1997	73.08	0.978	0.773	3.8	3.874	2.255	2.068	0.1	14.33
	1998	54.66	0.829	0.664	3.5	3.368	2.158	1.929	0.1	13.23
	1999	45.04	0.776	0.611						
Finland	1990	326.1	6.3	1.1	33.2	31.6	94.4	67.0		570.5
	1991	247.4	3.4	0.9	22.1	41.4	90.7	45.1		381.4
	1992	174.7	2.9	0.8	17.5	31.2	65.5	37.1		283.7
	1993	99.7	2.9	0.6	14.3	20.5	54.1	25.9		259.6
	1994	60.1	2.4	0.7	10.7	19.6	48.9	33.6		315.7
	1995	56.6	1.7	0.7	3.5	21.7	26.7	33.8		321.7
	1996	35.0	1.5	0.8	7.2	21.2	54.5	25.1		191.4
	1997	18.5	1.1	0.6	12.3	20.5	72.3	27.8		70.3
	1998	20.3	1.3	0.5	12.4	18.2	27.4	20.8		71.2
	1999	14	0.6	0.4	3.6	18.5	4.1	16.9		57.7
France^{hi}	1990	4335	16	44	24	376	93	280	11	1944
	1991	2908	16	46	24	319	94	329	11	1783
	1992	2120	16	47	23	267	93	273	11	1627
	1993	1846	15	42	20	210	90	232	10	1429
	1994	1647	14	37	21	184	91	220	11	1355
	1995	1494	14	31	21	195	91	229	11	1305
	1996	1325	14	28	20	199	90	232	11	1324
	1997	1208	13	21	20	228	89	223	12	1418
	1998	1102	13	19	22	234	89	244	12	1411
	1999 ^d	868	12	17	21	225	88	227	12	1310
Germany	1985	5028	45.00	154.0	221.0	344.0	459.0	440.0		1900
	1990	2323	31	113	122	253	361	278	27	1323
	1995	632	11	31	32	115	79	158	25	451
	2010	294.0	11.00	24.00						
Greece	1996	470.0	3.00	13.00	4.00	10.00	14.00	101.0	0.20	52.00
Hungary	1980	574.4	7.49	8.71	21.68	22.25	38.72	66.94	4.93	97.64
	1985	528.9	6.78	8.34	22.45	22.41	36.71	74.13	4.78	99.96
	1990	680.5	5.52	6.28	15.94	16.42	28.07	42.48	3.39	96.59
	1991	487.6	4.70	5.83	14.52	14.83	23.80	48.96	3.19	70.83
	1992	207.7	4.03	4.99	10.22	11.79	18.34	48.72	2.81	62.02
	1993	187.1	4.14	5.00	10.10	12.21	18.18	57.24	2.89	67.64
	1994	155.5	4.08	4.72	9.66	11.83	16.70	54.08	2.78	46.14
	1995	126.6	3.78	4.83	8.79	10.88	15.76	50.07	2.47	48.26
	1996	99.82	3.41	4.67	8.34	10.04	14.50	42.87	2.25	45.69
	1997	89.73	3.26	4.47	7.25	9.19	14.69	46.60	2.11	44.95
	1998	82.20	3.08	4.28	6.12	7.40	14.61	45.92	1.90	39.37
	1999 ^d	38.55	2.99	4.26	6.13	7.26	14.86	43.05	1.84	39.86
Iceland	1990	12.2								
	1991	8.9								
	1992	6.8								
	1993	5.3								
	1994	4.6								
	1995	3.9								
	1996	1.7								
	1997	0.4								
	1998	0.4								
Italy	1990	4300	53.79	19.98						
	1994	2174	29.90	13.23						
Kyrgyzstan	1999	0.005				0.169				
Latvia	1990	20.3	2.46	0.37	18.80	11.50	9.900	58.80		22.70
	1991	10.1	1.79	0.32	7.570	4.810	6.140	46.00		21.70
	1992	7.94	1.71	0.27	5.470	3.930	5.570	41.70		11.00
	1993	6.18	1.68	0.22	2.340	3.690	3.430	40.60		9.550
	1994	10.3	2.2	0.37	2.680	4.710	4.860	56.80		13.30
	1995	4.69	1.44	0.17	4.450	3.490	2.760	36.70		6.540
	1996	4.12	0.36	0.1						
	1997	2.74	0.44	0.14						
	1998	3.5	0.77	0.23						
	1999	12.26	0.32	0.18						
Lithuania	1990	46.70	3.800	0.018	3.400	7.400	11.70	95.60		59.10
	1991	48.80	2.800	0.016	2.100	4.600	10.50	57.40		55.20
	1992	32.40	2.500	0.011	2.100	4.600	6.800	59.90		30.00
	1993	28.20	2.300	0.014	2.000	4.400	5.700	57.00		13.20
	1994	33.00	2.100	0.013	1.900	4.300	3.700	57.80		8.900
	1995	30.20	2.10	0.153	1.70	4.20	6.80	51.60		50.10
	1996	17.80	2.20	0.159	1.70	4.50	7.50	54.40		56.90
	1997	19.50	2.20	0.232	1.50	4.10	8.30	49.40		71.00
	1998	21.78	2.59	0.245	1.85	5.07	9.18	62.40		78.71
	1999	19.25	2.008	0.253	1.366	3.813	7.872	46.10		72.84
Luxembourg	1990	77.4	0.6	0.3						
	1994	52.5	0.5	0.2						
	1995	29.8	0.4	0.1						
	1996	26.1	0.4	0.1						
	1997	17.7	0.3	0.1						
	1998	6.8	0.2	0.1						
	1999	2.340	0.054	0.286	0.082	0.373	1.205	0.790	0.015	35.47
Netherlands	1990	272.0	2.38	3.00	1.63	12.10	44.90	84.80	0.396	331.0
	1991	251.0	2.33	2.74		11.50	46.90	85.70		325.0
	1992	233.0	2.33	2.75	1.50	11.30	48.70	96.50	0.40	317.0
	1993	213.0	1.84	2.57		13.80	49.90	90.30		270.0
	1994	164.0	1.68	1.54	1.81	10.40	50.70	95.60	0.30	277.0
	1995	152.0	1.51	1.04	1.38	9.23	50.40	96.90	0.30	270.1
	1996	106.0	1.83	1.04	1.29	7.51	43.40	95.60	0.541	267.0
	1997	72.1	1.88	0.759	1.37	6.32	47	85.1	0.332	251
	1998	47.2	1.14	0.557	1.16	4.91	41.8	51.4	0.108	90.3
	1999	35.4	1.01	0.529	1.18	5.32	44.6	51.5	0.109	91.4
Norway	1980	624								
	1981	577								

Party	Year	PRIORITY METALS			OTHER METALS					
		Lead	Cadmium	Mercury	Arsenic	Chromium	Copper	Nickel	Selenium	Zinc
	1982	651								
	1983	559								
	1984	401								
	1985	406	1.1							
	1986	341	0.0							
	1987	294	0.0							
	1988	293	0.0							
	1989	276	1.2							
	1990	184.7	1.7	1.8						
	1991	141.5	1.7	1.6						
	1992	124.5	1.7	1.5						
	1993	84.7	1.7	1.2						
	1994	21.4	1.3	1.2						108.1
	1995	19.7	1.1	1.2						109.2
	1996	7.8	1.2	1.2						103.7
	1997	7.3	1.2	1.2			9.100			
	1998	7.4	1.2	1.2						
	1999	6.3	1.1	1.2						
Poland	1990	1372	91.60	33.30	82.10	154.6	599.4	370.0		3092
	1991	1336	85.00	32.70	79.80	133.5	530.4	354.8		2781
	1992	986.0	84.10	31.90	78.90	121.6	497.3	349.8		2678
	1993	996.9	91.90	32.50	82.40	127.8	511.0	352.9		2830
	1994	966.1	85.80	32.40	76.20	120.0	478.3	322.5		2624
	1995	936.6	82.60	32.30	73.40	118.3	464.9	312.3		2580
	1996	959.7	91.20	33.60	75.60	117.0	494.8	328.3		2749
	1997	895.8	85.80	33.00	71.00	116.0	475.1	364.9		2580
	1998	736	55.4	29.5	54.3	89.8	388.7	251.3		2191
	1999	693.7	55.1	25.1	54.5	84.0	393.2	250.1		2167
Republic of Moldova	1990	253.2	3.078	4.253	5.136	9.088	10.01	100.7	0.518	12.51
	1991	220.3	3.493	3.810	3.199	7.300	7.467	83.49	0.239	8.381
	1992	102.6	1.693	3.290	2.869	4.911	4.465	59.63	0.072	5.384
	1993	71.20	1.415	1.849	1.671	4.189	3.633	48.33	0.113	4.589
	1994	23.16	0.819	1.287	1.487	2.681	2.848	27.33	0.072	3.781
	1995	33.90	0.594	0.894	1.536	2.015	2.785	17.00	0.162	3.100
	1996	27.90	0	0.954	1.551	1.631	2.748	19.58	0.057	3.007
	1997	22.36	0.364	0.571	0.908	1.397	2.033	12.02	0.038	2.052
	1998	7.898	0.328	0.406	0.596	1.037	1.389	9.667	0.065	1.371
	1999	11.21	0.148	0.180	0.210	0.479	0.796	4.374	0.007	0.628
Russian Federation ^h	1990	3591	79.4	15.6						
	1991	3553	68.2	13.4						
	1992	3095	68.8	11.4						
	1993	3276	59.0	11.8						
	1994	2643	56.6	10.4						
	1995	2426	57.4	10.4						
	1996	2304	51.0	10.1						
	1997	2247	50.4	9.6						
	1998	2262	49.0	9.4						
	1999	2339	50.9	9.9						
Slovakia	1990	166.1	9.70	12.50	150.3	78.90	103.4	78.00	8.90	110.8
	1992	182.0	12.00	5.00	96.30	72.10	84.60	52.80	12.90	96.70
	1994	90.50	7.70	3.00	55.00	13.50	55.60	22.50	9.50	79.80
	1995	91.02	11.50	4.09	41.77	14.80	51.54	38.48	9.34	79.90
	1996	97.00	11.00	3.20	92.00	11.00	95.00	41.00	8.40	94.00
	1997	84.30	11.20	3.40	47.20	9.20	64.40	35.30	10.30	73.30
	1998	69.27	9.02	2.37	39.76	11.02	52.17	35.12	8.95	66.18
	1999	53.27	7.54	1.66	12.64	11.12	22.74	30.63	5.67	54.87
Slovenia	1990	460.2	1.68	0.76						
	1991	386.0								
	1992	390.0								
	1993	398.0								
	1994	405.6	1.66	0.61						
	1995	195.5	1.71	0.65						
	1996	99.00	1.77	0.59						
	1997	80.38	1.75	0.61						
	1998	60.47	1.67	0.63						
	1999	50.20	1.62	0.60						
Spain ^h	1990	2755	13	20	33	33	94	223	42	1053
	1991	2025	14	21	36	35	105	238	46	1072
	1992	1267	15	21	41	37	105	269	46	1078
	1993	1164	14	19	39	33	103	235	45	1097
	1994	1148	14	20	42	35	103	254	50	1132
	1995	949	15	20	42	37	95	275	52	1149
	1996	944	14	18	46	33	118	223	53	1164
Sweden	1990	540.0	2.00	1.50	6.00	23.00	27.00	26.00		230.0
	1992	365.0	1.30	1.20	4.00	20.00	30.00	25.00		195.0
	1994	37.00	0.70	0.90	1.10	13.00	9.00	34.00		94.00
	1995	37.80	0.80	0.90	1.30	13.80	9.80	32.20		138.0
Switzerland	1980	1760	6.350	7.930						1280
	1985	768.0	4.740	7.840						925.0
	1990	520	4.2	6.8						841
	1991	461.0	3.90	6.10						814.0
	1992	401.0	3.60	5.40						767.0
	1993	341.0	3.10	4.70						719.0
	1994	287.0	2.70	4.00						674.0
	1995	226	2.5	3.3						607
	1996	199.7	2.30	3.10						609.2
	1997	173.9	2.20	2.90						589.6
	1998	148.6	2.18	2.63						547.3
	1999	131.2	2.18	2.63						553.4
The former Yugoslav Republic of Macedonia	1998	3.020	0.167	0.048						162.7
United Kingdom	1985		31.80	7234						
	1990	2831	21.21	29.83	88.17	145.2	129.2	422.9	130.5	1048

		PRIORITY METALS			OTHER METALS					
Party	Year	Lead	Cadmium	Mercury	Arsenic	Chromium	Copper	Nickel	Selenium	Zinc
	1991	2581	20.82	30.62	90.86	141.8	123.3	442.4	130.6	981.9
	1992	2356	20.41	28.53	90.02	139.3	117.2	444.9	125.6	991.7
	1993	2121	19.93	22.31	86.43	130.4	110.7	432.6	111.5	988.2
	1994	1869	19.15	21.77	80.03	123.9	105.1	397.2	100.3	986.0
	1995	1555	12.33	17.27	69.54	107.3	89.13	329.3	83.47	911.2
	1996	1321	10.39	13.17	64.45	97.19	80.00	294.7	78.02	800.8
	1997	1170	8.75	11.16	56.79	86.55	65.21	219.0	63.21	731.3
	1998	906.0	7.06	10.69	50.71	82.00	63.14	193.5	61.23	655.5
	1999	552.7	6.47	8.53	46.79	66.73	59.06	147.3	44.22	442.0
	2010	340.0	12.30	12.30						
United States	1990	2996	180	187	394	1003		1205	504	
	1991	3781								
	1992	3455								
	1993	3548								
	1994	3668								
	1995	3577		146						
	1996	2271	139	148	359	1050		1108	784	

^a Road transport not included.

^b Figures for 1990 refer to Flanders and Wallonia only.

^c Figures for 1991-1993 totals for Flanders only.

^d Preliminary data.

^e 1990-1998: Distributed according to SNAP90.

^f 1999: Distributed according to SNAP97.

^g Values for the period 1991-1994 are missing because air emission inventories were not prepared for that period.

^h Data include those located within the EMEP area only.

ⁱ Emission figures do not include air traffic above 1000 m and international sea traffic.

Таблица 10. Сера: Обзор национальных итоговых данных о выбросах, данных по секторам и данных в привязке к сетке, которые были сообщены и хранятся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСЦ-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

(*) Gridded 150kmx150km

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Belarus	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	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	X-X	---	---	---	---	---	---	---	---	---	---
Bulgaria	XX-	---	---	---	---	---	---	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Canada	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Croatia	X--	---	---	---	---	---	---	---	---	---	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	X--
Cyprus	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Czech Republic	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	X--
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Estonia	X--	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XX-	X--
Finland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
France	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Georgia	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
Greece	X--	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	---	X--
Hungary	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	X--
Iceland	X--	X--	X--	X--	X--	X--	X--	XX-	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	X--	XX-	XX-	---	X--
Ireland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	X-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
Liechtenstein	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	X--
Lithuania	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	X--	---	---	X--	---	XX-	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Netherlands	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Norway	XX-	X--	X--	X--	X--	XX-	X--	XX-	X--	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	XX-	XX-	X--
Poland	X--	---	---	---	---	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Portugal	X--	---	---	X--	---	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	X--
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XXX	XXX	XXX	XX-	XX-	XX-	X--
Slovakia	X--	---	---	---	---	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XXX	X--
Slovenia	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---	---	---	---
Sweden	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XXX	XX-	X-X	XXX	XX-	XX-	XX-	XX-	X--
Switzerland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	XX-	XX-
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	XX-	XX-	---	---
Turkey	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Ukraine *	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	--X	--X	X--
United Kingdom	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
United States	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Yugoslavia	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX	XX-
European Community	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	X--	X--	X--	---	---	---	---

Таблица 11. Оксиды азота: Обзор национальных совокупных данных о выбросах, данных по секторам и данных в привязке к сетке, которые были сообщены и хранятся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСЦ-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

(*) Gridded 150kmx150km

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Belarus *	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	X--	---	---	---	---	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Canada	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Croatia	X--	---	---	---	---	---	---	---	---	---	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	X--
Cyprus	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Czech Republic	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	X--
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Estonia	---	---	---	---	---	---	---	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XX-	---
Finland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
France	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Georgia	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
Greece	---	---	---	---	---	XX-	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	---	X--
Hungary	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	X--
Iceland	X--	X--	X--	X--	X--	X--	X--	XX-	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	X--	XX-	XX-	---	X--
Ireland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	-X-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
Liechtenstein	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	X--
Lithuania	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	X--	---	---	X--	---	XX-	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Netherlands	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Norway	XX-	X--	X--	X--	X--	XX-	X--	XX-	X--	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	XX-	XX-	X--
Poland	X--	---	---	---	---	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Portugal	X--	---	---	X--	---	X--	X--	X--	X--	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	X--
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XX-	XX-	---
Slovakia	---	---	---	---	---	---	---	X--	---	X--	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XXX	---
Slovenia	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---	---	---	---
Sweden	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XXX	XX-	XXX	XXX	XX-	XX-	XX-	XX-	X--
Switzerland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	XX-	XX-
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	XX-	XX-	---	---
Turkey	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Ukraine *	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	--X	--X	X--
United Kingdom	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
United States	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Yugoslavia	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	-XX	X--
European Community	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	X--	X--	X--	---	---	---	---

Таблица 12. Аммиак: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

(*) Gridded 150kmx150km

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Belarus *	---	---	---	---	---	---	---	---	---	---	X-X	---	---	--X	X--	X-X	X--	X--	X--	X--	X--
Belgium	---	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Canada	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Croatia	---	---	---	---	---	---	---	---	---	---	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	X--
Cyprus	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Czech Republic	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	X--
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Estonia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Finland	X--	---	---	---	---	X--	X--	X--	---	---	XX-	-X-	XX-	-X-	-X-	XXX	XX-	XXX	XXX	XXX	X--
France	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Georgia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
Greece	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	X--
Hungary	XX-	---	---	---	---	XX-	X--	X--	---	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Iceland	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ireland	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	-X-	-X-	-X-	-X-	-X-	-X-	-X-	-X-	---	XX-	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Liechtenstein	X--	---	---	---	X--	---	---	---	---	---	X--	---	---	---	---	---	---	---	---	---	X--
Lithuania	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	---	---	---	---	---	---	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Netherlands	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Norway	XX-	X--	X--	X--	X--	X--	X--	XX-	X--	XX-	XXX	XXX	XXX	XX-	XXX	XXX	XXX	XX-	XX-	XX-	X--
Poland	X--	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	X--	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Portugal	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	XX-	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	X--
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	XX-	---
Slovakia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Slovenia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---	---	---	---
Sweden	---	---	---	---	---	---	---	---	X--	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Switzerland	X--	---	---	---	X--	X--	---	---	---	---	XXX	XX-	XX-	XX-	-XX	XXX	XX-	XX-	XX-	XX-	XX-
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Turkey	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ukraine *	---	---	---	---	---	---	---	---	---	---	XXX	-X-	-X-	-X-	-X-	XX-	XX-	XX-	-X	-X	X--
United Kingdom	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
United States	---	---	---	---	---	X--	---	---	---	-X-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
European Community	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	---	X--	---	---	---	---	---

Таблица 13. Неметановые летучие органические соединения: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

(*) Gridded 150kmx150km

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Belarus *	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	---	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	---	XX-	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Canada	X--	---	---	---	---	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Croatia	---	---	---	---	---	---	---	---	---	---	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	X--
Cyprus	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Czech Republic	---	---	---	---	---	X--	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	X--
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Estonia	---	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Finland	---	---	---	---	---	---	---	X--	X--	---	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
France	---	---	---	---	---	---	---	---	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Georgia	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
Greece	---	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	---	X--
Hungary	X--	---	---	---	---	X--	X--	X--	XX-	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Iceland	X--	X--	X--	X--	X--	X--	X--	XX-	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	X--	X--	XX-	XX-	X--
Ireland	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	-X-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
Liechtenstein	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	X--
Lithuania	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	---	---	---	---	---	XX-	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Netherlands	X--	X--	X--	X--	X--	XX-	X--	X--	XX-	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Norway	XX-	X--	X--	X--	X--	XX-	X--	XX-	X--	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	XX-	XX-	X--
Poland	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Portugal	---	---	---	---	---	X--	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	---	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	X--
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	XX-	XX-	---
Slovakia	---	---	---	---	---	---	---	---	---	---	XX-	-X-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Slovenia	---	---	---	---	---	---	---	---	X--	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---	---	---	---
Sweden	---	---	---	---	---	X--	---	---	X--	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Switzerland	X--	---	---	---	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	XX-	XX-
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Turkey	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Ukraine *	---	---	---	---	---	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	--X	--X	X--
United Kingdom	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
United States	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
European Community	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	---	---	X--	---	---	---	---

Таблица 14. Окись углерода: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке, которые были представлены и хранятся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3Т

Totals	Sector data	Gridded 50kmx50km
X	X	X

(*) Gridded 150kmx150km

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Belarus *	---	---	---	---	---	X--	X--	X--	X--	X--	X-X	X--	X--	X-X	X--	X-X	X--	X--	X--	X--	X--
Belgium	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Canada	X--	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Croatia	---	---	---	---	---	---	---	---	---	---	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	X--
Cyprus	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-X-	---
Czech Republic	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	---
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Estonia	---	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Finland	X--	---	---	---	---	---	---	---	---	---	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---
France	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Georgia	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---
Greece	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Hungary	XX-	---	---	---	---	XX-	---	---	XX-	---	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	X--
Iceland	X--	X--	X--	X--	X--	X--	X--	XX-	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	X--	XX-	XX-	---	X--
Ireland	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	-X-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Liechtenstein	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Lithuania	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	---	---	---	---	---	XX-	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Netherlands	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Norway	XX-	X--	X--	X--	X--	XX-	X--	XX-	X--	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	XX-	XX-	---
Poland	---	---	---	---	---	---	---	---	---	---	X--	---	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Portugal	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	X--
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	XX-	---
Slovakia	---	---	---	---	---	---	---	---	---	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XXX	---
Slovenia	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---	---	---	---
Sweden	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Switzerland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XXX	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	XX-	XX-
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	XX-	XX-	---	---
Turkey	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Ukraine	---	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	X--
United Kingdom	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-
United States	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
European Community	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	X--	X--	X--	---	---	---	---

Таблица 15. Метан: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке, представленных и хранящихся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3

Totals	Sector data	Gridded 50kmx50km																			
X	X	X																			
Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	X--	X--	X--	---	---	---	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Belarus	---	---	---	---	---	---	---	---	---	---	X--	---	---	---	---	X--	---	---	---	---	X--
Belgium	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	X--	X--	X--	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Canada	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--	---
Croatia	---	---	---	---	---	---	---	---	---	---	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	X--
Cyprus	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Czech Republic	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Estonia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Finland	X--	---	---	---	---	---	---	---	X--	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
France	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Georgia	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	X--
Greece	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Hungary	XX-	-X-	-X-	-X-	-X-	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Iceland	X--	X--	X--	X--	X--	X--	X--	XX-	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	X--	XX-	XX-	---	X--
Ireland	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Liechtenstein	X--	---	---	---	X--	-X-	---	---	---	---	XX-	-X-	-X-	-X-	-X-	---	---	---	---	---	---
Lithuania	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	---	---	---	---	---	---	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Netherlands	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Norway	XX-	X--	X--	X--	X--	X--	X--	XX-	X--	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XX-	XX-	XX-	X--
Poland	---	---	---	---	---	---	---	X--	---	---	XX-	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Portugal	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Slovakia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Slovenia	---	---	---	---	---	---	---	X--	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---	---	---
Sweden	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Switzerland	X--	---	---	---	X--	X--	---	---	---	---	XXX	XX-	XX-	XX-	XXX	XXX	XX-	XX-	XX-	XX-	XX-
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Turkey	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Ukraine	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
United Kingdom	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	X--
United States	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
European Community	---	---	---	---	---	---	---	---	---	---	XX-	X--	X--	X--	X--	---	X--	X--	X--	---	---

Таблица 16. Окись углерода: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке, которые были сообщены и хранятся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	---	---	---	---	---	---	---	---	---	X--	---	---	---	X--	X--	X--	---	---	---	---
Austria	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Belarus	---	---	---	---	---	---	---	---	---	---	X--	---	---	---	X--	X--	---	---	X--	---	X--
Belgium	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	---	X--	---	---	X--
Canada	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--	---
Croatia	---	---	---	---	---	---	---	---	---	---	XX-	XXX	XXX	XXX	XXX	XX-	XXX	XXX	XXX	XX-	X--
Cyprus	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-
Czech Republic	X--	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	X--
Denmark	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Estonia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Finland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
France	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Georgia	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Germany	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---
Greece	X--	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Hungary	XX-	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XX-	X--
Iceland	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---	X--
Ireland	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Italy	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Latvia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Liechtenstein	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---	---	---	---	---	---
Lithuania	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	X--
Luxembourg	---	---	---	---	---	XX-	---	---	---	---	XX-	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Netherlands	X--	---	---	---	---	X--	---	---	---	---	X--	X--	X--	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Norway	XX-	X--	X--	X--	X--	X--	X--	XX-	X--	XX-	XX-	XX-	XX-	XXX	XXX	XXX	XXX	XX-	XX-	XX-	X--
Poland	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	XX-	X--	X--	X--	X--	---	---
Portugal	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---	---
Republic of Moldova	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Romania	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---	---	---	---	---	---
Russian Federation	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--
Slovakia	---	---	---	---	---	---	---	---	X--	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Slovenia	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Spain	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Sweden	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	X--
Switzerland	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Turkey	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-
Ukraine	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
United Kingdom	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--	X--	X--	X--	X--	X--	X--
United States	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
European Community	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	---	---

Таблица 17. Стойкие органические загрязнители: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке, которые были представлены и хранятся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

[illegible]

Таблица 18. Тяжелые металлы: Обзор национальных совокупных данных о выбросах, данных по секторам и данных с привязкой к сетке, которые были представлены и хранятся в базе данных о выбросах ЕЭК ООН/ЕМЕП в МСП-3

Totals	Sector data	Gridded 50kmx50km
X	X	X

(*) Gridded 150kmx150km

Party/Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2010
Armenia	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	X-X	X--	X--	---
Austria	---	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Belarus	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	---	XX-	XX-	XX-	XX-	XX-	---
Belgium	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	---
Bosnia and Herzegovina	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bulgaria	---	---	---	---	---	---	---	---	---	---	XXX	---	---	---	---	XX-	XX-	XX-	XX-	XX-	---
Canada	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Croatia	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	---	XX-	XXX	XXX	XXX	XX-	---
Cyprus	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	XX-	---
Czech Republic	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Denmark	---	---	---	---	---	---	---	---	---	---	XX-	-X-	-X-	-X-	XX-	XX-	XX-	XX-	XX-	XX-	---
Estonia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Finland	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XXX	XXX	---
France	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Georgia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Germany	---	---	---	---	---	X--	---	---	---	---	XX-	---	---	---	---	XX-	---	---	---	---	X--
Greece	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	---
Hungary	X--	---	---	---	---	X--	---	---	---	---	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	X--	---
Iceland	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	---	---
Ireland	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Italy	---	---	---	---	---	---	---	---	---	---	X--	---	---	---	X--	---	---	---	---	---	---
Kazakhstan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Kyrgyzstan	---	---	---	---	---	---	---	---	---	---	---	---	-X-	-X-	-X-	-X-	-X-	-X-	-X-	XX-	---
Latvia	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	X--	X--	X--	X--	---
Liechtenstein	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lithuania	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	---
Luxembourg	---	---	---	---	---	---	---	---	---	---	XX-	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	---
Malta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monaco	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Netherlands	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	XX-	XX-	XX-	XX-	---
Norway	XX-	X--	X--	X--	X--	X--	X--	XX-	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	---
Poland	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Portugal	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Republic of Moldova	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	---
Romania	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Russian Federation	---	---	---	---	---	---	---	---	---	---	XXX	XX-	XX-	XX-	XX-	XXX	XX-	XX-	XX-	XX-	---
Slovakia	---	---	---	---	---	---	---	---	---	---	X--	---	X--	---	X--	XX-	X--	X--	X--	X--	---
Slovenia	---	---	---	---	---	---	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	---
Spain	---	---	---	---	---	---	---	---	---	---	XXX	XXX	XXX	XXX	XXX	XXX	XXX	---	---	---	---
Sweden	---	---	---	---	---	---	---	---	---	---	X--	---	X--	---	X--	X--	---	-X-	-X-	-X-	---
Switzerland	X--	---	---	---	---	X--	---	---	---	---	XXX	X--	X--	X--	X--	XXX	X--	X--	XX-	XX-	---
The FYR of Macedonia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	X--	---	---
Turkey	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-X-	-X-	-X-	-X-	-X-	---
Ukraine *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
United Kingdom	---	---	---	---	---	X--	---	---	---	---	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	XX-	X--
United States	---	---	---	---	---	---	---	---	---	---	X--	X--	X--	X--	X--	X--	XX-	---	---	---	---
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
European Community	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Таблица 19. Сокращение выбросов (1990-1999 годы) по сравнению с уровнем 1999 года (отрицательная величина указывает на увеличение объема выбросов)

	SOx (тыс. тонн SO ₂ в год)			NOx (тыс. тонн NO ₂ в год)			NH ₃ (тыс. тонн NH ₃ в год)			НМЛОС (тыс. тонн НМЛОС в год)		
	1990	1999	%	1990	1999	%	1990	1999	%	1990	1999	%
Signatories to the Gothenburg Protocol												
Armenia ¹	72	0.84	98.83	46.2	10.61	77.03	25	0.003	-	81	17.47	78.43
Austria	91	42	53.85	192.6	170.8	11.32	79.9	70.3	12.02	344.7	230.7	33.07
Belgium	372	186	50	339	292	13.86	107	103	3.738	354	271	23.45
Bulgaria	2008	943	53.04	361	202	44.04	144	60	58.33	217	118	45.62
Canada ³	3236	2499	22.78	2104	2056	2.281				2880	2777	3.576
Croatia	180	90.7	49.61	87.6	72.1	17.69	37.1	24.4	34.23	105	72.9	30.57
Czech Republic	1876	269	85.66	742	390	47.44	156	75	51.92	435	248	42.99
Denmark	182.58	55.911	69.38	271.68	210.17	22.64	127.87	95.986	24.93	169.304	128.05	24.37
Finland	260	87	66.54	300	247	17.67	38	35.2	7.368	209	168	19.62
France	1278	682	46.64	1865	1530	17.96	790	805	-1.9	2459	1784	27.45
Germany	5321	831	84.38	2706	1637	39.5	765	624	18.43	3221	1653	48.68
Greece	506			326			79			334		
Hungary	1010	590.15	41.57	238	221.02	7.134	124	71.09	42.67	205	149	27.32
Ireland	186	157	15.59	118	119	-0.85	112	127	-13.4	110	95	13.64
Italy	1651	923	44.09	1938	1485	23.37	466	448	3.863	2213	1671	24.49
Latvia	119	33	72.27	102	39	61.76	44	12	72.73	179	64	64.25
Liechtenstein	0,149			0,628			0,146			1,556		
Luxembourg	15	3.8218	74.52	23	16.092	30.04	7	7.288	-4.11	19	14.92	21.47
Netherlands	202	100	50.5	580	408	29.66	226	175	22.57	502	282	43.82
Norway	52.7	28.7	45.54	219.2	230.6	-5.2	22.9	26.6	-16.2	301.7	350.6	-16.2
Poland	3210	1719	46.45	1280	953	25.55	508	341	32.87	831	731	12.03
Portugal	359.4			317			104.6			379.9		
Republic of Moldova	265	12.05	95.45	100	16.91	83.09	49	24.8	49.39	157	22.14	85.9
Romania	1311			546			300			772		
Slovakia	543	171	68.51	226	118	47.79	62.9	36.1	42.61	148	79	46.62
Slovenia	196	104	46.94	63	58	7.937	24	20	16.67	44	40	9.091
Spain	2049			1156			472			2790		
Sweden	119	63	47.06	338	261	22.78	51	55	-7.84	526	421	19.96
Switzerland	42	25.5	39.29	154	99	35.71	71.5	68.3	4.476	279	165	40.86
United Kingdom	3754.4	1187	68.38	2755.8	1602.7	41.84	365.33	348.27	4.67	2657.33	1743.8	34.38
United States ³	21481	17116	20.32	21927	23037	-5.06	3926	4503	-14.7	19099	16461	13.81
Non-Signatories to the Gothenburg Protocol												
Belarus ²	637	163.7	74.3	285	142	50.18	4	4.16	-	533	239.9	54.99
Bosnia and Herzegovina	480											
Cyprus	46	50	-8.7	18	22	-22.2						
Estonia	252.1	102.5	59.34	67.7	39.62	41.48	24.25	8.47	65.1	88.4	42.33	52.12
Georgia	248.3	8.61	96.53	129.5	30.14	76.73				46.4	18.63	59.85
Iceland	24			26.3						12.8		
Kazakhstan												
Kyrgyzstan		8.72			2.38			59.114			2.32	
Lithuania	222	70	68.47	158	54	65.82	84	29	65.48	108	68	37.04
Malta												
Monaco	0.073			0.523						0.7		
Russian Federation	4460	2003	55.09	3600	2494	30.72	1191	657	44.84	3566	2355	33.96
The FYR of Macedonia												
Turkey	764.67	1346.7	-76.1	628.04	911.04	-45.1				462.21	613.02	-32.6
Ukraine ²	3782			1097			23			1369		
Yugoslavia	508			66								
European Community	19127			13289			3789			16888		

¹ Emissions of NH₃ from agriculture are not included in 1999 value.

² Emissions of NH₃ from agriculture are not included.

³ Special notes for NH₃ and NMVOC are stated in the Gothenburg Protocol.

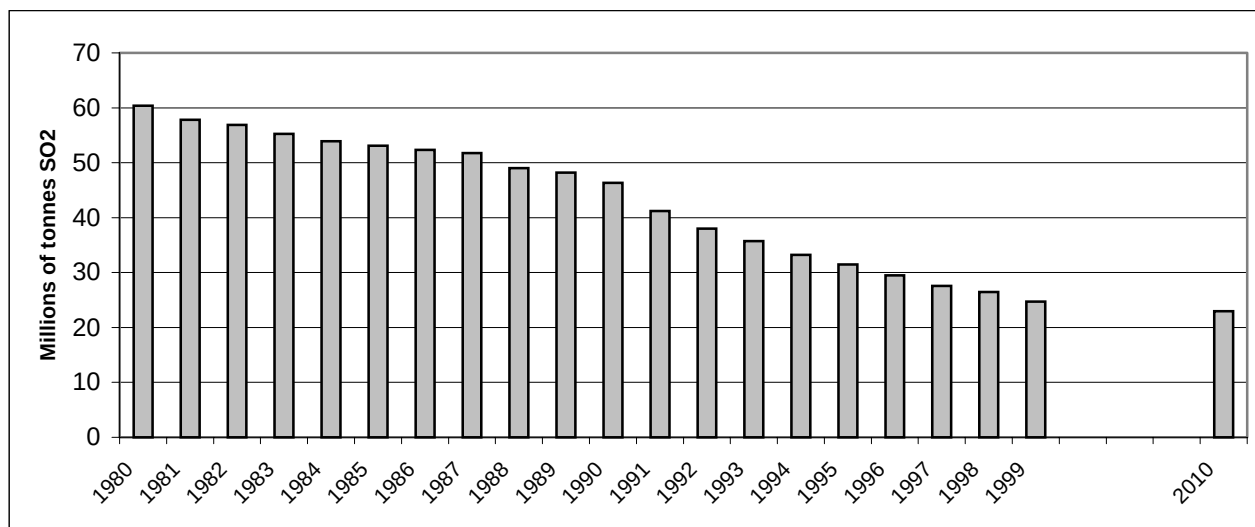


Диаграмма I. Выбросы серы в зоне ЕМЕП, 1980-1999 годы, 2010 год (млн. тонн SO₂)

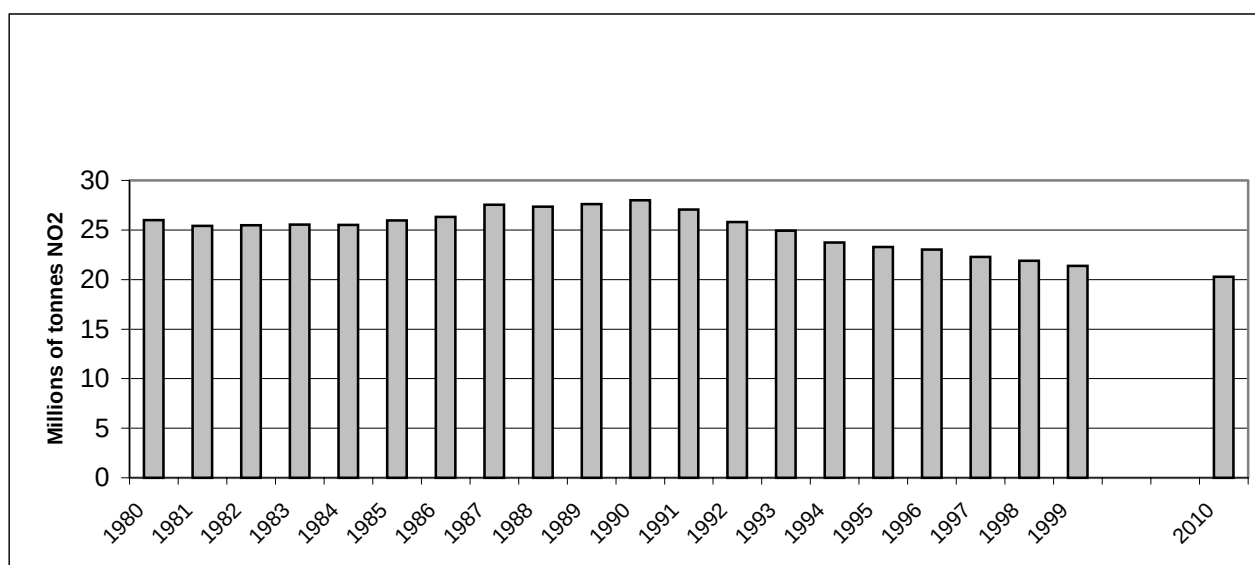


Диаграмма II. Выбросы оксидов азота в зоне ЕМЕП, 1980-1999 годы, 2010 год (млн. тонн NO₂)

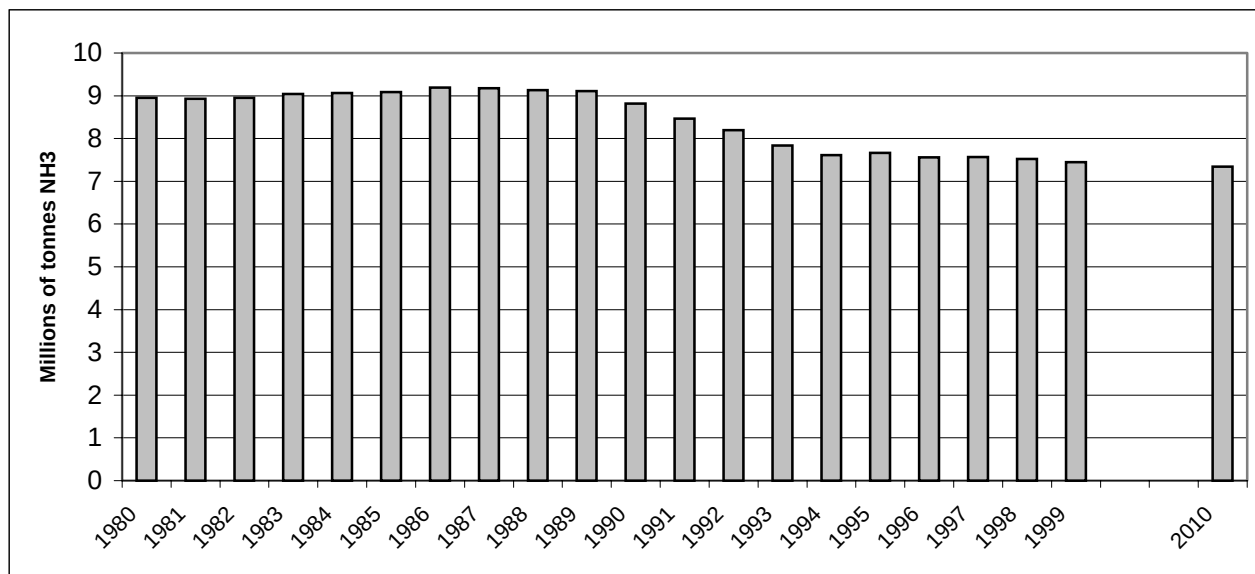


Диаграмма III. Выбросы аммиака в зоне ЕМЕП, 1980-1999 годы, 2010 год (млн. тонн NH₃)

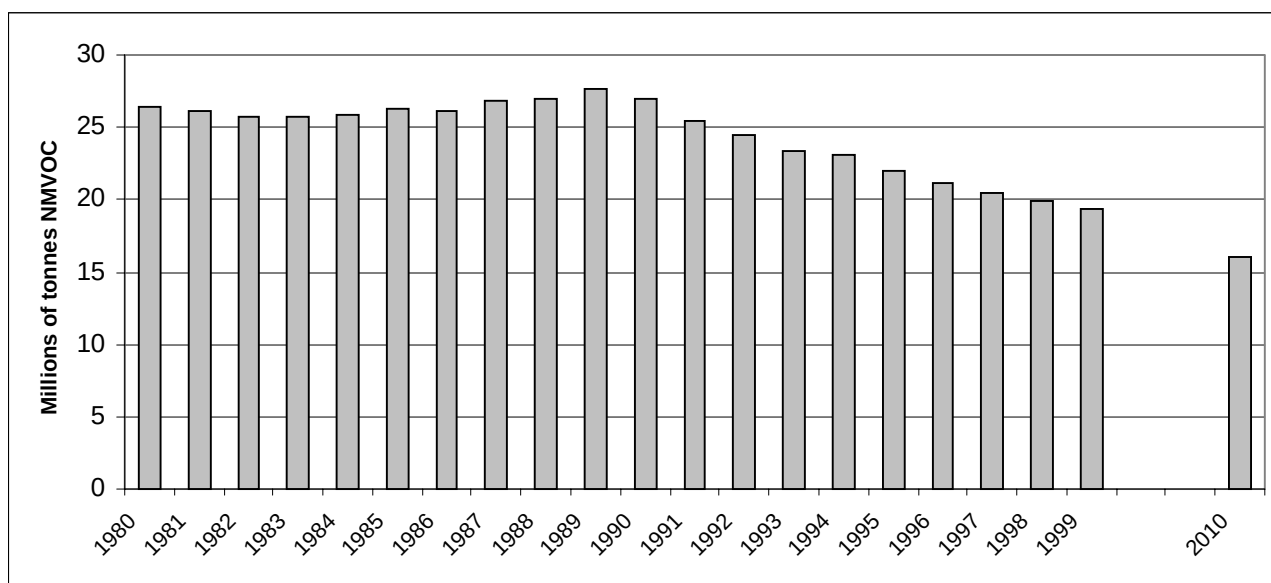


Диаграмма IV. Выбросы неметановых летучих органических соединений в зоне ЕМЕП, 1980-1999 годы, 2010 год (млн. тонн НМЛОС)

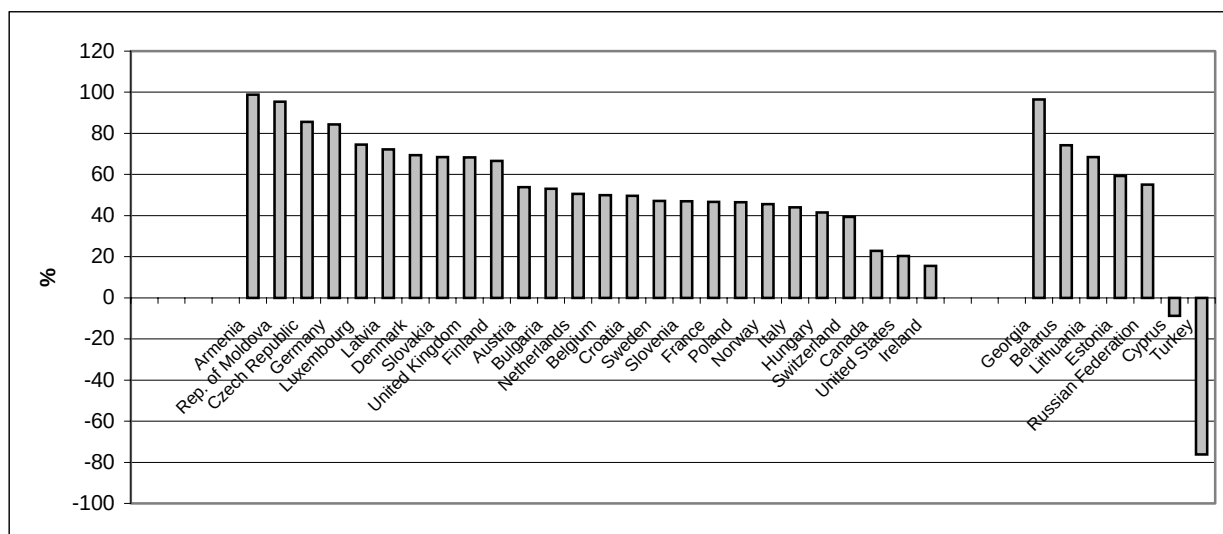


Диаграмма V. Сокращение выбросов серы в регионе ЕЭК, 1990-1999 годы (на основе последних имеющихся данных, см. таблицу 19). Слева указаны стороны, подписавшие Гетеборгский протокол 1999 года. В диаграмме указаны лишь страны, которые представили данные о выбросах за 1990 и 1999 годы

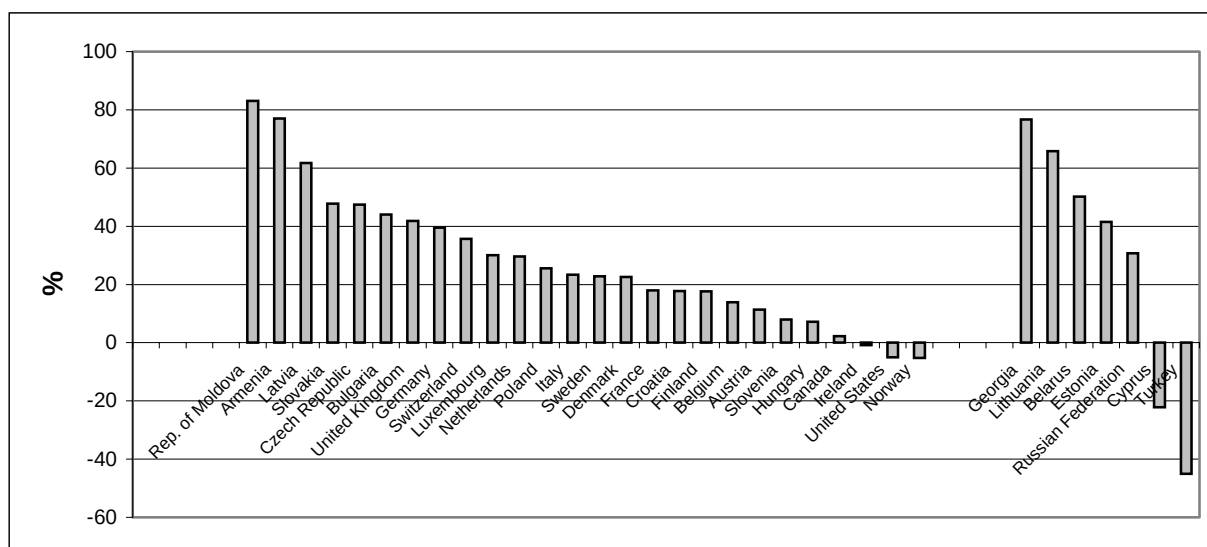


Диаграмма VI. Сокращение выбросов оксидов азота в регионе ЕЭК, 1990-1999 годы (на основе последних имеющихся данных, см. таблицу 19). Слева указаны стороны, подписавшие Гетеборгский протокол 1999 года. В диаграмме указаны лишь страны, которые представили данные о выбросах за 1990 и 1999 годы.

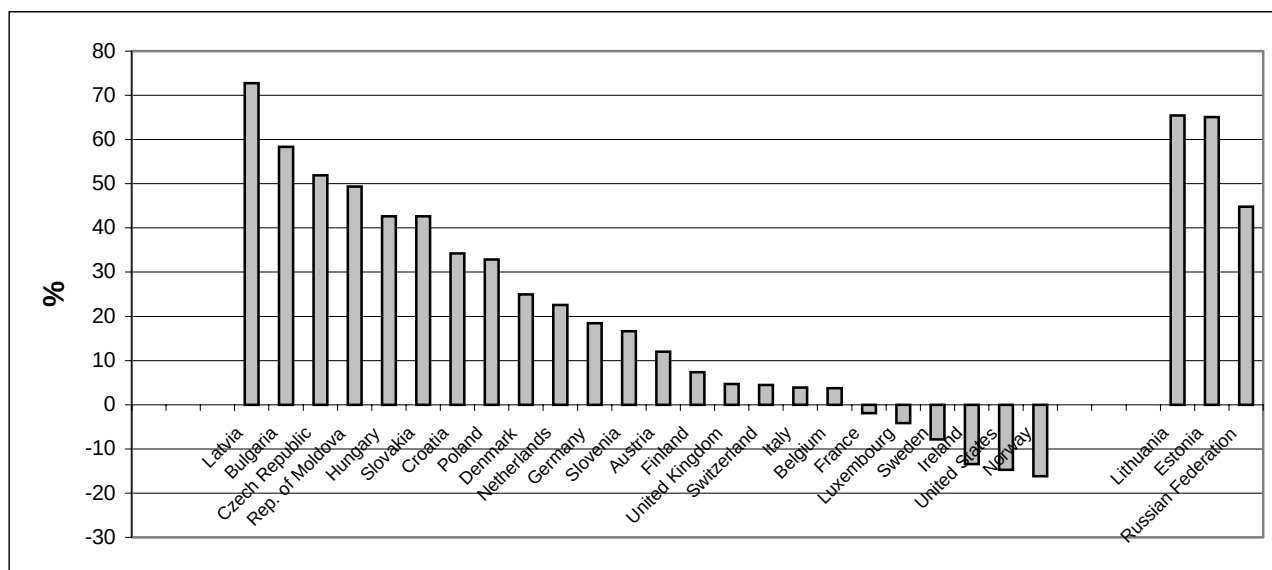


Диаграмма VII. Сокращение выбросов аммиака в регионе ЕЭК, 1990-1999 годы (на основе последних имеющихся данных, см. таблицу 19). Слева указаны стороны, подписавшие Гетеборгский протокол 1999 года. В диаграмме указаны лишь страны, которые представили данные о выбросах за 1990 и 1999 годы.

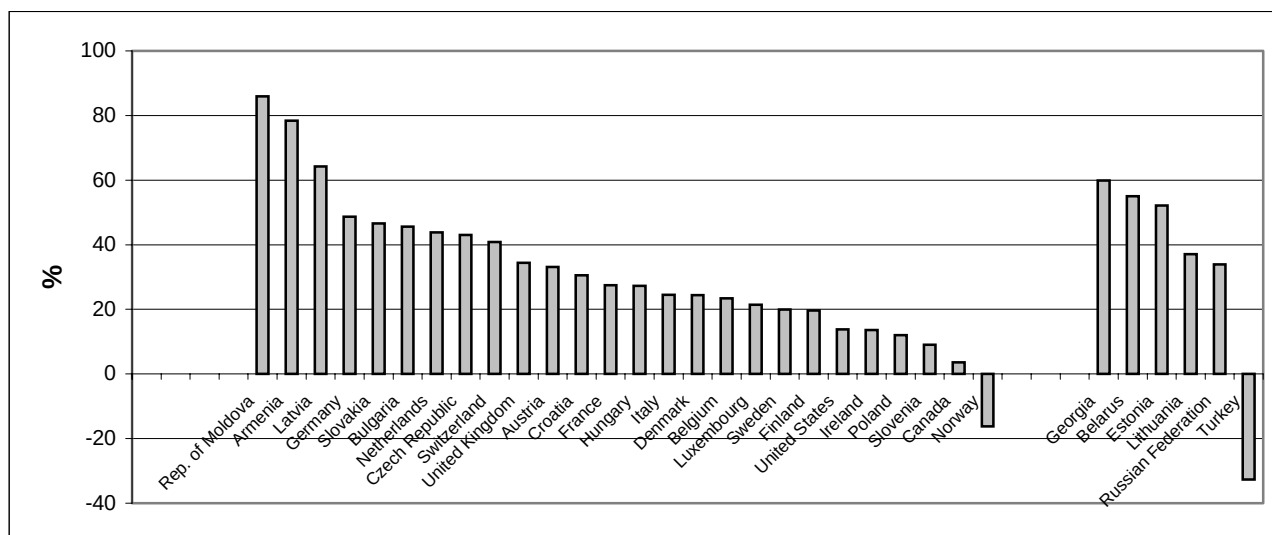


Диаграмма VIII. Сокращение выбросов неметановых летучих органических соединений в регионе ЕЭК, 1990-1999 годы (на основе последних имеющихся данных, см. таблицу 19). Слева указаны стороны, подписавшие Гетеборгский протокол 1999 года. В диаграмме указаны лишь страны, которые представили данные о выбросах за 1990 и 1999 годы.