

PCDD/F, g I-TEQ	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Albania	43	43	43	43	43	43	43	43	43	43	43	43	44	44	44	44	44	44
Armenia	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	48
Austria	160	135	77	67	56	58	60	59	56	54	52	57	48	51	52	53	53	48
Azerbaijan	98	98	98	98	98	98	98	98	98	98	98	99	100	101	102	102	103	104
Belarus	16	16	16	16	16	16	16	16	16	15	18	23	25	26	25	24	27	27
Belgium	592	552	520	455	481	445	359	374	245	135	116	80	58	60	62	61	57	58
Bosnia&Herzegovina	67	67	67	67	67	67	67	67	67	67	67	65	63	61	59	57	56	54
Bulgaria	554	535	515	495	476	456	341	310	288	245	233	201	219	255	239	230	247	58
Croatia	160	150	139	129	118	108	97	95	111	98	109	76	75	97	93	91	93	79
Cyprus	7.6	7.3	7.6	7.7	7.6	7.5	7.3	7.0	7.5	7.2	7.0	7.1	7.3	6.2	6.1	6.2	6.1	3.3
Czech Republic	1252	1220	1220	1140	1135	1135	922	830	767	643	744	620	177	114	187	179	175	148
Denmark	67	64	59	54	51	49	47	44	37	31	32	30	27	29	24	25	26	28
Estonia	5.7	5.4	4.3	3.6	3.8	4.5	4.9	4.8	3.8	3.4	3.4	3.5	3.7	4.1	3.7	3.3	2.7	4.8
Finland	36	35	33	35	41	41	40	39	40	41	32	31	32	32	32	26	14	12
France	1763	1814	1836	1893	1893	1694	1478	1043	938	611	520	384	357	235	315	194	121	117
Georgia	122	122	122	122	122	122	122	122	122	122	122	122	111	98	85	85	85	85
Germany	114	105	86	82	80	89	85	89	83	80	82	81	80	80	82	80	82	83
Greece	279	279	279	279	279	279	279	279	279	279	279	255	231	207	183	159	135	111
Hungary	196	175	132	129	124	116	113	109	98	99	97	98	98	99	97	95	92	85
Iceland	9.2	9.0	8.7	7.7	7.0	6.0	5.3	5.1	4.2	3.4	3.1	2.8	2.5	2.1	1.5	1.5	1.5	1.5
Ireland	27	27	26	26	25	25	25	24	21	21	22	22	30	34	26	22	22	15
Italy	472	495	475	451	441	460	419	426	413	388	369	293	283	282	289	294	302	318
Kazakhstan	288	288	288	288	288	288	288	288	288	288	288	290	292	294	296	298	300	302
Kyrgyzstan	62	62	62	62	62	62	62	62	62	62	62	63	64	65	66	67	68	69
Latvia	7.1	7.6	7.3	8.4	9.0	10	11	12	11	12	10	11	11	12	13	13	14	13
Lithuania	20.2	18.1	16.0	14.0	11.9	9.8	7.7	5.6	6.0	5.0	4.3	13	12	12	11	11	11	11
Luxembourg	45	40	34	29	23	24	16	16	8.0	6.7	5.4	4.1	2.9	1.6	1.6	1.6	1.6	1.6
Malta	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Monaco	2.4	2.4	2.6	2.9	3.1	3.1	3.3	3.8	3.5	3.6	3.7	3.9	3.5	2.9	2.6	2.6	1.9	2.6
Netherlands	742	548	427	306	185	66	54	50	43	33	31	30	29	26	28	36	26	25
Norway	129	97	95	95	93	70	49	40	34	38	34	33	32	29	32	24	24	23
Poland	529	535	517	592	520	515	484	440	381	381	333	447	433	482	387	416	449	442
Portugal	18	18	18	18	18	18	19	21	18	17	15	11	11	11	10	9	9	9
Republic of Moldova	14	11	6.9	5.5	5.1	3.0	3.4	2.9	6.4	2.4	2.4	2.2	2.5	3.9	5.2	5.5	5.5	5.5
Romania	1537	1444	1352	1260	1168	1075	983	891	799	706	614	522	430	338	245	297	268	216
Russia (European part)	991	947	901	878	825	769	637	614	606	625	631	643	655	686	716	747	778	808
Russia (Asian part)	266	254	242	236	222	207	171	165	163	168	169	173	176	184	192	201	209	217

Serbia&Montenegro*	172	172	172	172	172	172	172	172	172	172	172	170	169	167	166	164	162	161
Slovakia	136	132	128	124	120	116	106	96	109	98	90	87	91	70	65	86	67	66
Slovenia	16	17	15	14	13	12	12	12	11	11	11	10.0	10.1	10.2	9.1	8.6	8.4	8.3
Spain	181	187	195	192	186	161	160	133	134	140	147	141	142	147	150	149	157	160
Sweden	60	56	50	47	44	40	38	37	35	34	33	34	34	33	36	39	38	36
Switzerland	175	159	148	135	122	105	96	88	81	63	54	42	29	17	16	16	16	15
Tajikistan	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
The FYR of Macedonia	166	166	166	166	166	166	166	166	166	166	166	166	166	163	163	163	163	163
Turkey	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1018	1024	1029	1035	1041	1047	1053
Turkmenistan	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Ukraine	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1024	1026	1027	1029	1030	1032	1033
United Kingdom	1143	1121	1093	886	686	733	470	374	280	254	226	216	199	197	227	198	197	190
Uzbekistan	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
<b>Extended EMEP grid, kg I-TEQ</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>

\* for 2007 Serbia = 150; Montenegro = 11

Official data on PCDD/F emissions

Expert estimates:

PCDD/F emission values were estimated using official emission data for the European part of Russia and keeping ratio between the European and Asian data on the population density derived from the GEIA inventory

Expert estimates:

Denier van der Gon, H.A.C., M. van het Bolscher A.J.H. Visschedijk P.Y.J. Zandveld [2005]

Study to the effectiveness of the UNECE Persistent Organic Pollutants Protocol and costs of possible additional measures Phase I: Estimation of emission reduction resulting from the implementation of the POP Protocol, TNO report B&O-A R 2005/194

Expert estimates:

Pulles T., Kok H. and U.Quass [2006]

Application of the emission inventory model TEAM:

Uncertainties in dioxin emission estimates for central Europe.

Atmospheric Environment, 40, pp.2321-2332.

Expert estimates:

Hodjamberdiev I. [2006] Determination of dioxins, furans, PCB sources and anti-POPs campaign in Central Asia.

<http://www.ecoaccord.org/pop/ipep/hodjamberdiev.htm>.