HM emissions and pollution levels in 1990 and 2012

	Pb		Cd		Hg	
	1990	2012	1990	2012	1990	2012
Emissions, t	350	16	0.593	0.378	0.623	0.378
Deposition to the country						
Total deposition to the country, t	213	34.40	1.29	0.86	0.56	0.40
- Anthropogenic deposition from national sources, t	77.9	3.10	0.14	0.08	0.10	0.06
- Anthropogenic deposition from other countries, t	98.8	7.77	0.57	0.27	0.22	0.07
- Intercontinental transport (non-EMEP sources), t	2.29	2.05	0.55	0.45	0.01	0.01
- Secondary sources (wind re-suspension), t	34	21.47	0.04	0.05	0.24	0.26
Deposition from the country anthropogenic sources						
Deposition to other countries (EMEP region), t	215	9.81	0.35	0.22	0.14	0.08
Deposition to the regional seas (Pb - t, Cd, Hg – kg):						
- Baltic Sea	2.87	0.08	0.004	0.002	0.001	0.001
- Black Sea	33.1	1.50	0.05	0.04	0.02	0.01
- Caspian Sea	1.59	0.07	0.002	0.001	0.001	0.000
- Mediterranean Sea	2.15	0.17	0.003	0.004	0.001	0.001
- North Sea	0.262	0.01	0.00	0.00	0.00	0.00
Mean annual air concentrations, ng/m^3	50.3	4.46	0.20	0.10	1.74	1.41

POP emissions and pollution levels in 1990 and 2012

	B[a]P		PCDD/Fs		HCB		PCB-153	
	1990	2012	1990	2012	1990	2012	1990	2012
Emissions	t		g TEQ[a]		kg		kg	
	4.7	3.8	16	11	46	0.576	8.0[b]	1.2[b]
Deposition to the country	kg		g TEQ		kg		kg	
Total deposition to the country	1462.8	1354.1	381.0	190.0	1180.2	141.4	60.36	15.77
- Anthropogenic deposition from national sources	785.6	557.2	27.93	16.60	13.56	0.18	3.42	0.51
- Anthropogenic deposition from other countries	555.2	639.2	139.4	54.36	6.17	1.48	13.01	2.23
- Intercontinental transport (global sources)[c]	-	-	8.84	6.23	252.6	33.9	4.41	0.70
- Secondary sources (re-volatilization)[d]	121.9	157.7	204.8	112.8	907.9	105.8	39.51	12.33
Deposition from the country anthropogenic sources								
Deposition to other countries (EMEP region)	1093.0	1178.4	38.32	23.75	14.33	0.14	3.20	0.47
Deposition to the regional seas								
- Baltic Sea	9.45	14.73	0.17	0.13	1.8E-02	2.3E-04	5.6E-03	1.1E-03
- Black Sea	5.83	10.70	0.15	0.11	3.8E-02	4.5E-04	7.3E-03	1.3E-03
- Caspian Sea	0.26	1.40	0.02	0.02	1.2E-02	1.7E-04	1.8E-03	3.3E-04
- Mediterranean Sea	104.2	185.0	3.19	2.18	6.0E-01	9.3E-03	1.6E-01	2.9E-02
- North Sea	3.40	9.35	0.07	0.07	1.2E-02	1.3E-04	3.4E-03	5.7E-04
Mean annual air concentrations	ng/m^3		fg TEQ/m^3		pg/m^3		pg/m^3	
	0.71	0.53	50.80	0.02	270.3	33.52	5.96	1.50

[a] Toxicity of PCDD/Fs is expressed according to the NATO toxic equivalents scheme (I-TEQ)
[b] Expert estimate
[c] Model assessment of B[a]P pollution was focused on the emission sources of the EMEP countries neglecting the intercontinental transport
[d] Estimates of secondary sources contribution for B[a]P represent re-volatilization fluxes resulted from the accumulation of pollutant during one year