HM emissions and pollution levels in 1990 and 2012

	Pb		Cd		Hg	
	1990	2012	1990	2012	1990	2012
Emissions, t	151	4.7	0.621	0.554	1.1	0.363
Deposition to the country						
Total deposition to the country, t	243	40.33	5.76	1.87	1.55	0.72
- Anthropogenic deposition from national sources, t	38.2	1.21	0.74	0.09	0.43	0.02
- Anthropogenic deposition from other countries, t	134	17.64	2.98	1.15	0.55	0.11
- Intercontinental transport (non-EMEP sources), t	2.07	2.06	1.98	0.57	0.02	0.01
- Secondary sources (wind re-suspension), t	68.8	19.42	0.06	0.06	0.56	0.57
Deposition from the country anthropogenic sources						
Deposition to other countries (EMEP region), t	96.3	2.73	2.44	0.35	1.16	0.06
Deposition to the regional seas (Pb - t, Cd, Hg – kg):						
- Baltic Sea	8.15	0.43	0.29	0.08	0.14	0.01
- Black Sea	1.19	0.03	0.02	0.002	0.01	0.00
- Caspian Sea	0.2	0.003	0.004	0.000	0.002	0.00
- Mediterranean Sea	0.71	0.02	0.01	0.00	0.01	0.00
- North Sea	0.6	0.04	0.02	0.01	0.01	0.001
Mean annual air concentrations, ng/m^3	10.9	1.29	0.21	0.06	1.66	1.37

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	
	5.7	3.9	24	24	0.218	0.227	23[b]	5.8[b]
Deposition to the country	kg		g TEQ		kg		kg	
Total deposition to the country	3323.9	3138.2	451.7	205.1	2341.3	282.0	82.46	19.63
- Anthropogenic deposition from national sources	1370.4	1217.2	39.31	26.69	0.07	0.06	10.37	2.50
- Anthropogenic deposition from other countries	1736.2	1580.2	199.3	70.09	12.67	1.15	16.48	2.64
- Intercontinental transport (global sources)[c]	-	-	24.37	12.57	606.2	77.2	10.66	1.34
- Secondary sources (re-volatilization)[d]	217.3	340.8	188.7	95.75	1722.3	203.6	44.95	13.15
Deposition from the country anthropogenic sources								
Deposition to other countries (EMEP region)	2245.8	2444.2	52.06	34.63	0.12	0.08	9.87	2.45
Deposition to the regional seas								
- Baltic Sea	144.8	230.3	2.44	2.61	2.8E-03	2.5E-03	3.9E-01	1.3E-01
- Black Sea	8.74	17.68	0.25	0.16	6.6E-04	4.3E-04	3.3E-02	7.0E-03
- Caspian Sea	1.63	2.55	0.06	0.02	1.7E-04	1.2E-04	8.8E-03	1.6E-03
- Mediterranean Sea	6.13	22.00	0.36	0.23	1.0E-03	5.5E-04	4.0E-02	7.8E-03
- North Sea	14.09	46.83	0.18	0.38	2.4E-04	2.1E-04	2.1E-02	9.9E-03
Mean annual air concentrations	ng/m^3		fg TEQ/m^3		pg/m^3		pg/m^3	
	0.41	0.43	18.79	0.01	249.9	29.87	2.22	0.57

[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