HM emissions and pollution levels in 1990 and 2012

	Pb		Cd		Hg	
	1990	2012	1990	2012	1990	2012
Emissions, t	394*	39*	0.292*	0.161*	0.521*	0.287*
Deposition to the country						
Total deposition to the country, t	484	214.62	7.21	5.51	2.55	2.01
- Anthropogenic deposition from national sources, t	61.1	5.51	0.05	0.03	0.11	0.02
- Anthropogenic deposition from other countries, t	140	19.18	0.61	0.40	0.52	0.16
- Intercontinental transport (non-EMEP sources), t	80.8	65.20	5.07	3.47	0.06	0.06
- Secondary sources (wind re-suspension), t	182	124.72	1.49	1.61	1.86	1.76
Deposition from the country anthropogenic sources						
Deposition to other countries (EMEP region), t	140	13.37	0.11	0.06	0.09	0.02
Deposition to the regional seas (Pb - t, Cd, Hg – kg):						
- Baltic Sea	0.14	0.13	0.00	0.00	0.00	0.00
- Black Sea	0.04	0.03	0.00	0.00	0.00	0.00
- Caspian Sea	0.004	0.004	0.00	0.00	0.00	0.00
- Mediterranean Sea	0.01	0.01	0.00	0.00	0.00	0.00
- North Sea	21.6	2.36	0.02	0.01	0.01	0.004
Mean annual air concentrations, ng/m^3	16.8	5.58	0.19	0.12	1.59	1.39

* expert estimates

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[b]	t		g TEQ[a]		kg		kg	
	0.280	0.280	35	35	1.1	1.1	14	3.3
Deposition to the country	kg		g TEQ		kg		kg	
Total deposition to the country	122.4	612.0	905.4	732.3	21039.7	2488.2	628.5	159.9
- Anthropogenic deposition from national sources	0.0	45.0	67.37	64.72	0.62	0.60	41.81	5.79
- Anthropogenic deposition from other countries	115.3	499.1	121.7	110.1	45.35	15.27	54.09	10.99
- Intercontinental transport (global sources)[c]	-	-	90.00	69.35	6258.7	863.8	111.7	18.83
- Secondary sources (re-volatilization)[d]	7.09	67.90	626.3	488.0	14735.1	1608.5	421.0	124.3
Deposition from the country anthropogenic sources								
Deposition to other countries (EMEP region)	0.0	46.1	35.16	36.47	0.13	0.13	9.12	1.32
Deposition to the regional seas								
- Baltic Sea	0.00	0.16	0.02	0.09	1.2E-04	1.4E-04	7.2E-03	1.7E-03
- Black Sea	0.00	0.52	0.05	0.27	2.6E-02	2.6E-02	7.3E-01	1.1E-01
- Caspian Sea	0.00	4.89	2.53	2.68	1.3E-03	1.2E-03	6.4E-02	8.1E-03
- Mediterranean Sea	0.00	0.56	0.06	0.33	5.1E-02	5.0E-02	1.5E+00	2.0E-01
- North Sea	0.00	0.11	0.01	0.05	8.6E-05	1.1E-04	3.4E-03	8.0E-04
Mean annual air concentrations	ng/m^3		fg TEQ/m^3		pg/m^3		pg/m^3	
	0.01	0.01	8.02	7.26	211.8	25.59	1.66	0.43

[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