

#COUNTRY: Estonia

#REPORTED

#YEAR: 2000

#TABLE 1A: National emissions: Main Pollutants, Particulate Matter and Heavy Metals \$

##	#Yearly minimum reporting									Additional reporting \$							
	Main pollutants					Particulate matter			Priority metals			Other metals					
#Pollutant:SOURCE	SOx (as SO2)	NOx (as NO2)	NH3	NMVOc	CO	TSP	PM10	PM2.5	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn
#Units	Gg	Gg	Gg	Gg	Gg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg
NFR1: Combustion in energy and transformation in	81,189	13,028		1,632	16,084	54687,1			31,855	0,55	0,523	9,326	8,527	2,129	6,08		43,624
NFR2: Non-industrial combustion plants	2,843	2,311		6,729	81,451	17270,5			3,582	0,102	0,014	0,145	0,884	0,194	1,338		7,437
NFR3: Combustion in manufacturing industry	10,1	2,473		0,127	4,042	4501,52			0,897	0,022	0,016	0,197	0,225	0,053	0,388		1,238
NFR4: Production Processes	0,049	0,207	0,1	2,251	0,529	1029,27			0,028				0,018	0,005	0,014		0,017
NFR5: Extraction and distribution of fossil fuels		0,005		4,499	0,196	108,52											
NFR6: Solvent and other product use			0,035	4,428		3,8											
NFR7: Road transport	0,559	19,485	0,13	13,155	96,967	702,494			4,368	0,005			0,028	0,951	0,039	0,005	0,559
NFR8: Other mobile sources and machinery	0,72	3,894		0,539	2,391	235,517				0,001			0,004	0,15	0,006	0,001	0,088
NFR9: Waste treatment and disposal			0,002	0,331													
NFR10: Agriculture			8,497														
NATIONAL PROTOCOL TOTAL	95,46	41,403	8,764	33,691	201,66	78538,7			40,73	0,68	0,553	9,668	9,686	3,482	7,865	0,006	52,963
NFR11: Other sources and sinks				34,982													
NATIONAL OVERSEAS AREAS	3,15	5,217		0,333	0,876												
NATIONAL TOTAL	98,61	46,62	8,764	69,006	202,536	78688,5			40,73	0,681	0,553	9,668	9,691	3,645	7,872	0,007	53,059

#Note:
 #Main pollutants should cover the timespan 1980 to latest year.
 #HM should cover the timespan 1990 to latest year.
 #PM should cover the timespan 2000 to latest year.

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#TABLE 2A: National sector emissions: Main Pollutants, Particulate Matter and Heavy Metals \$

#Yearly minimum reporting										Additional reporting \$								
#NFR 1: Combustion in energy and transformation industries	Main Pollutants					Particulate matter			Priority metals			Other metals						
#Pollutant: SOURCE; DESCRIPTION	SOx (as SO2)	NOx (as NO2)	NH3	NMVOC	CO	TSP	PM10	PM2.5	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	
#Units:	Gg	Gg	Gg	Gg	Gg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	
NFR1A; Electricity and heat production	79,189	12,635		0,364	6,541	52819,5			29,032	0,5	0,473	8,468	7,771	1,942	5,542		39,818	
NFR1B; Petroleum refining		0,013			0,013													
NFR1C; Manufacture of Solid Fuels and Other Energy Industries	2	0,38		1,268	9,53	1867,59			2,823	0,05	0,05	0,858	0,756	0,187	0,538		3,806	
NFR1D; Pipeline compressors																		

#NFR 2: Non-industrial combustion plants	Main Pollutants					Particulate matter			Priority metals			Other metals						
#Pollutant	SOx (as SO2)	NOx (as NO2)	NH3	NMVOC	CO	TSP	PM10	PM2.5	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	
#Units:	Gg	Gg	Gg	Gg	Gg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	
NFR2A; Other Sectors-Commercial/Institutional	1,428	0,406		0,024	0,552	625,66			0,131	0,004	0,001	0,015	0,044	0,023	0,422		0,167	
NFR2B; Other Sectors-Residential	1,306	1,853		6,692	80,617	16466,2			3,408	0,097	0,013	0,128	0,831	0,169	0,885		7,189	
NFR2C; Other Sectors-Agriculture/Forestry/Aquaculture	0,109	0,052		0,013	0,282	178,596			0,043	0,001		0,002	0,009	0,002	0,031		0,081	

#NFR 3: Combustion in manufacturing industry	Main Pollutants					Particulate matter			Priority metals			Other metals						
#Pollutant	SOx (as SO2)	NOx (as NO2)	NH3	NMVOC	CO	TSP	PM10	PM2.5	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	
#Units:	Gg	Gg	Gg	Gg	Gg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	
NFR3A; Combustion in boilers, gas-turbines and stationary engines	8,731	0,724		0,099	2,643	1421,31			0,245	0,006	0,002	0,017	0,048	0,014	0,216		0,442	
NFR3B; Industry-Iron and Steel	0,011	0,004		0,003	0,306	40,2												
NFR3C; Industry-Other	1,358	1,745		0,025	1,093	3040,01			0,652	0,016	0,014	0,18	0,177	0,039	0,172		0,796	
NFR3D; Industry-Non-ferrous metals																		
NFR3E; Industry-Pulp, Paper and Print																		

#NFR 4: Production Processes	Main Pollutants					Particulate matter			Priority metals			Other metals						
#Pollutant	SOx (as SO2)	NOx (as NO2)	NH3	NMVOC	CO	TSP	PM10	PM2.5	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	
#Units:	Gg	Gg	Gg	Gg	Gg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	Mg	
NFR4A; Fugitive emissions from processes in Petroleum Industries				0,027														
NFR4B; Fugitive emissions from coke-ovens and solid smokeless fuels produc.																		
NFR4C; Industrial Processes-Metal Production-Iron and steel	0,001	0,002	0,001	0,006	0,013	27,39			0,011				0,013		0,003			
NFR4D; Industrial Processes-Metal Production-Aluminium																		
NFR4E; Industrial Processes-Metal Production-Ferroalloys																		
NFR4F; Industrial Processes-Metal Production-Other			0,049	0,002		0,4			0,017				0,005		0,011		0,017	
NFR4G; Industrial Processes-Chemical Industry-Sulphuric acid			0,043	0,84	0,327	189,55												
NFR4H; Industrial Processes-Chemical Industry-Nitric Acid																		
NFR4I; Industrial Processes-Chemical Industry-Ammonia		0,189	0,00021		0,007													
NFR4J; Industrial processes-Other Production-Pulp and Paper	0,045			0,032		134,89												
NFR4K; Industrial processes-Other Production-Food and Drink				0,774		14,73												
NFR4L; Industrial processes-Mineral Products-Asphalt Roofing																		
NFR4M; Industrial proc.-Mineral Products-Road Paving with Asphalt																		
NFR4N; Industrial processes-Mineral Products-Other	0,003	0,003	0,007	0,57	0,04	662,31								0,005				

