

pollutant-specific data:	NOx	NM VOC	SOx	NH3	PM2.5	PM10	TSP	BC	CO	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	PCDD/F	B[a]P	B[b]F	B[k]F	[x]P	PAH1-4	HCb	PCB

Recalculations - Polyaromatic Hydrocarbons 1 to 4

With no reportable changes within the **National Total** reported for **1990**, the only notable percental changes occur for NFRs **1.A.2.g vii with -2.10 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 1.20 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	
NATIONAL TOTAL	115.67	115.67	0.00	0.00%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	102.40	102.40	0.00	0.00%	sub-category chapters
1.A.2.g vii	0.0998	0.0977	-0.0021	-2.10%	here
1.A.4.a ii	0.0195	0.0191	-0.0004	-2.16%	here
1.A.4.c ii	0.2088	0.2114	0.0025	1.20%	here
NFR 2 - IPPU	11.81	11.81	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	1.46	1.46	0.00	0.00%	
NFR 6 - Other	NA				

The significant changes within the **National Total** reported for **2022 (+3.53 t or +4.87 %)** are dominated by revisions in NFR sub-categories **1.A.4.b i with +3.89 t** and **1.A.4.a i with -0.30 t** together with a variety of small revisions throughout NFR 1.

However, the most significant percental change occurs in NFR **1.A.4.a ii with minus 16 %**.

Table 2: Changes of emission estimates 2022

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	
NFR 1 - Energy	72.51	76.04	3.53	4.87%	see description and reasoning in: sub-category chapters
1.A.1.a	0.0474	0.0471	-0.0003	-0.62%	here
1.A.1.b	0.0043	0.0042	-0.0001	-2.74%	here
1.A.1.c	0.0009	0.0008	-0.0001	-10.23%	here
1.A.2.a	0.00029	0.00030	0.00001	1.97%	here
1.A.2.g vii	0.086	0.081	-0.005	-5.63%	here
1.A.2.g viii	0.70	0.65	-0.05	-7.53%	here
1.A.3.b i	1.468	1.469	0.001	0.08%	here
1.A.3.b ii	0.237	0.233	-0.004	-1.73%	here
1.A.3.b iii	1.05	1.06	0.01	0.90%	here
1.A.3.b iv	0.0153	0.0149	-0.0004	-2.57%	here
1.A.3.c	0.03228	0.03233	0.00005	0.16%	here
1.A.3.d ii	0.051	0.050	-0.002	-3.03%	here
1.A.4.a i	8.23	7.92	-0.30	-3.70%	here
1.A.4.a ii	0.016	0.014	-0.003	-16.05%	here
1.A.4.b i	59.42	63.31	3.89	6.55%	here
1.A.4.b ii	0.0072	0.0074	0.0002	2.11%	here
1.A.4.c i	0.595	0.587	-0.008	-1.35%	here
1.A.4.c ii	0.23	0.24	0.01	2.87%	here
1.A.5.b	0.0054	0.0061	0.0007	13.74%	here
NFR 2 - IPPU	3.12785	3.12786	0.00001	0.0003%	sub-category chapters
2.G	0.11992	0.11993	0.00001	0.01%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NFR 1 - Energy	72.51	76.04	3.53	4.87%	sub-category chapters
1.A.1.a	0.0474	0.0471	-0.0003	-0.62%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	1.10	1.10	0.00	0.00%	
NFR 6 - Other	NA				