

pollutant-specific data:	NO _x	NM _{VOC}	SO _x	NH ₃	PM _{2.5}	PM ₁₀	TSP	BC	CO	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	PCDD/F	B[a]P	B[b]F	B[k]F	I[x]P	PAH1-4	HCB	PCB

Recalculations - Dioxines & Furanes (PCDD/F)

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 -2.02 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 0.49 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[g]			relative	see description and reasoning in:
NATIONAL TOTAL	805.10	805.10	0.00	0.00%	sub-category chapters
NFR 1 - Energy	522.76	522.76	0.00	0.00%	sub-category chapters
1.A.2.g vii	0.0590	0.0578	-0.0012	-2.02%	here
1.A.4.a ii	0.0111	0.0108	-0.0002	-2.16%	here
1.A.4.c ii	0.2929	0.2944	0.0014	0.49%	here
NFR 2 - IPPU	242.10	242.10	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	40.25	40.25	0.00	0.00%	
NFR 6 - Other	NA				

The significant changes within the **National Total** reported for **2022 (+4.83 g or +4.48 %)** are dominated by revisions in NFR sub-categories **5.E with +4.99 g**, **1.A.4.b i with +0.85 g** and **1.A.4.a i with -0.74 g** 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 16.1 %**.

Table 2: Changes of emission estimates 2022

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[g]			relative	see description and reasoning in:
NATIONAL TOTAL	107.67	112.50	4.83	4.48%	sub-category chapters
NFR 1 - Energy	51.93	51.77	-0.16	-0.31%	sub-category chapters
1.A.1.a	4.05	4.00	-0.05	-1.16%	here
1.A.1.b	0.015	0.014	-0.001	-5.16%	here
1.A.1.c	0.059	0.065	0.01	10.21%	here
1.A.2.a	0.0209	0.0214	0.0004	2.10%	here
1.A.2.g vii	0.058	0.055	-0.002	-3.84%	here
1.A.2.g viii	1.15	1.05	-0.10	-8.58%	here
1.A.3.b i	4.827	4.813	-0.014	-0.29%	here
1.A.3.b ii	0.563	0.550	-0.013	-2.36%	here
1.A.3.b iii	0.2128	0.2125	-0.0002	-0.11%	here
1.A.3.b iv	0.295	0.286	-0.009	-3.08%	here
1.A.3.c	0.02369	0.02373	0.00004	0.16%	here
1.A.3.d ii	1.67	1.62	-0.05	-3.03%	here
1.A.4.a i	20.79	20.06	-0.74	-3.55%	here
1.A.4.a ii	0.009	0.008	-0.001	-16.10%	here
1.A.4.b i	15.98	16.83	0.85	5.32%	here
1.A.4.b ii	0.056	0.052	-0.004	-6.70%	here
1.A.4.c i	1.52	1.50	-0.02	-1.30%	here
1.A.4.c ii	0.34	0.32	-0.02	-5.46%	here
1.A.5.b	0.0183	0.0188	0.0005	2.65%	here
NFR 2 - IPPU	16.32	16.32	0.00	0.00%	

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[g]			relative	see description and reasoning in:
NATIONAL TOTAL	107.67	112.50	4.83	4.48%	sub-category chapters
NFR 1 - Energy	51.93	51.77	-0.16	-0.31%	sub-category chapters
NFR 3 - Agriculture	NA				
NFR 5 - Waste	39.42	44.41	4.99	12.65%	sub-category chapters
5.E	36.08	41.07	<u>4.99</u>	13.82%	here
NFR 6 - Other	NA				