

for pollutant-specific information, please click:	NOx	NMVOC	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	I[x]P	PAH1-4	HCB	PCB
---	---------------------	-----------------------	---------------------	---------------------	-----------------------	----------------------	---------------------	--------------------	--------------------	--------------------	-----------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	------------------------	-----------------------	-----------------------	-----------------------	-----------------------	------------------------	---------------------	---------------------

Recalculations - Cadmium (Cd)

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 -1.86 %** and **1.A.4.a ii with -2.16 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	29.10	29.10	0.00	0.00%	sub-category chapters
NFR 1 - Energy	12.76	12.76	0.00	0.00%	sub-category chapters
1.A.2.g vii	0.0000461	0.0000452	-0.00000086	-1.86%	here
1.A.4.a ii	0.0000080	0.0000078	-0.00000017	-2.16%	here
1.A.4.c ii	0.0065744	0.0065754	0.00000103	0.02%	here
NFR 2 - IPPU	16.27	16.27	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.07	0.07	0.00	0.00%	
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2022 (+0.29 t or +2.82 %)** result from a **variety of revisions throughout **NFRs 1, 2 and 5.**

Here, the most significant absolute and percental change occurs in **NFR 1.A.1.b with plus 0.25 t (plus 21.12%).**

Table 2: Changes of emission estimates 2022

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	10.32	10.62	0.29	2.82%	sub-category chapters
NFR 1 - Energy	3.18	3.47	0.29	9.11%	sub-category chapters
1.A.1.a	0.804	0.801	-0.003	-0.34%	here
1.A.1.b	1.20	1.45	0.25	21.12%	here
1.A.1.c	0.0074	0.0080	0.0007	8.97%	here
1.A.2.g vii	0.000056	0.000055	-0.000001	-1.17%	here
1.A.2.g viii	0.093	0.102	0.008	8.87%	here
1.A.3.b i	0.003809	0.003812	0.000003	0.08%	here
1.A.3.b ii	0.000250	0.000245	-0.000004	-1.73%	here
1.A.3.b iii	0.000687	0.000693	0.000006	0.90%	here
1.A.3.b iv	0.000088	0.000086	-0.000002	-2.57%	here
1.A.3.c	0.003738	0.003742	0.000004	0.11%	here
1.A.3.d ii	0.0042	0.0041	-0.0001	-2.99%	here
1.A.4.a i	0.221	0.213	-0.008	-3.70%	here
1.A.4.a ii	0.000007	0.000006	-0.000001	-16.10%	here
1.A.4.b i	0.62	0.66	0.04	6.38%	here
1.A.4.b ii	0.00154	0.00138	-0.00016	-10.24%	here
1.A.4.c i	0.0086	0.0085	-0.0001	-1.35%	here
1.A.4.c ii	0.008	0.007	-0.001	-10.55%	here
1.A.5.b	0.0000405	0.0000409	0.0000005	1.13%	here
NFR 2 - IPPU	7.0801	7.0793	-0.0008	-0.01%	sub-category chapters
2.A.3	0.0174	0.0176	0.0002	1.30%	here
2.G	0.7682	0.7672	-0.0010	-0.13%	here
NFR 3 - Agriculture	NA				

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	10.32	10.62	0.29	2.82%	sub-category chapters
NFR 1 - Energy	3.18	3.47	0.29	9.11%	sub-category chapters
NFR 5 - Waste	0.061	0.064	0.003	4.25%	sub-category chapters
5.E	0.019	0.021	0.003	13.82%	here
NFR 6 - Other	NA				