

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
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Recalculations - Chromium (Cr)

With the marginal changes in NFRs **1.A.2.g vii**, **1.A.4.a ii** and **1.A.4.c ii** canceling each other out, the remarkable changes within the **National Total** reported for **1990 (+8.37 t or +5 %)** result entirely from a revision in **NFR 1.A.3.b vi with +8.37 t**, also resembling the strongest percental change with **+68 %**.

Table 1: Changes of emission estimates for 1990

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	165.69	174.06	8.37	5.05%	sub-category chapters
NFR 1 - Energy	122.29	130.66	8.37	6.85%	sub-category chapters
1.A.2.g vii	0.0067865	0.0067870	0.0000005	0.01%	here
1.A.3.b vi	12.30	20.67	8.37	68.09%	here
1.A.4.a ii	0.0013248	0.0013244	-0.0000004	-0.03%	here
1.A.4.c ii	0.041945	0.041943	-0.000002	-0.005%	here
NFR 2 - IPPU	3.52	3.52	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.03	0.03	0.00	0.00%	
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2022 (-2.89 t or -4.14 %)** are dominated by a revision in NFR sub-category **1.A.3.c with -3.30 t** together with a variety of revisions throughout NFRs 1, 2 and 5.

However, the most significant percental change occurs in **NFR 1.A.1.b with plus 19.3 %**.

Table 2: Changes of emission estimates for 2022

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	69.96	67.07	-2.89	-4.14%	sub-category chapters
NFR 1 - Energy	52.88	49.99	-2.89	-5.47%	sub-category chapters
1.A.1.a	4.14	4.13	-0.02	-0.40%	here
1.A.1.b	1.42	1.69	0.27	19.31%	here
1.A.1.c	0.040	0.044	0.004	9.56%	here
1.A.2.g vii	0.0060	0.0056	-0.0003	-5.67%	here
1.A.2.g viii	0.20	0.21	0.01	6.42%	here
1.A.3.b i	0.2151	0.2153	0.0002	0.08%	here
1.A.3.b ii	0.036	0.035	-0.001	-1.73%	here
1.A.3.b iii	0.114	0.115	0.001	0.90%	here
1.A.3.b iv	0.0028	0.0027	-0.0001	-2.57%	here
1.A.3.c	23.31	20.02	-3.30	-14.14%	here
1.A.3.d ii	0.025	0.024	-0.001	-2.55%	here
1.A.4.a i	2.16	2.08	-0.08	-3.70%	here
1.A.4.a ii	0.0011	0.0009	-0.0002	-16.10%	here
1.A.4.b i	3.25	3.46	0.21	6.56%	here
1.A.4.b ii	0.0069	0.0063	-0.0007	-9.48%	here
1.A.4.c i	0.070	0.069	-0.001	-1.35%	here
1.A.4.c ii	0.049	0.046	-0.003	-6.24%	here
1.A.5.b	0.00049	0.00054	0.00005	10.39%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	69.96	67.07	-2.89	-4.14%	sub-category chapters
NFR 1 - Energy	52.88	49.99	-2.89	-5.47%	sub-category chapters
NFR 2 - IPPU	17.050	17.047	-0.003	-0.02%	sub-category chapters
2.A.3	0.100	0.102	0.001	1.32%	here
2.G	0.873	0.869	-0.004	-0.51%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.028	0.032	0.004	13.82%	sub-category chapters
5.E	0.028	0.032	0.004	13.82%	here
NFR 6 - Other	NA				