

Recalculations - Carbon monoxide (CO)

The small changes in the **National Total** reported for **1990 (+0.33 kt or +0.002 %)** result from revisions in NFR sub-categories **1.A.2.g vii**, **1.A.4.a ii**, and **1.A.4.c ii**.

Table 1: Changes in emission estimates for 1990

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	13,320.20	13,320.53	0.33	0.002%	sub-category chapters
NFR 1 - Energy	12,050.36	12,050.69	0.33	0.003%	sub-category chapters
1.A.2.g vii	74.39	73.97	-0.43	-0.57%	here
1.A.4.a ii	6.17	6.05	-0.13	-2.05%	here
1.A.4.c ii	110.83	111.72	0.88	0.80%	here
NFR 2 - IPPU	1,248.77	1,248.77	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	21.08	21.08	0.00	0.00%	
NFR 6 - Other	NA				

The changes in the **National Total** reported for **2022 (+28.9 kt or +1.14 %)** are dominated by revisions within NFR sub-categories **1.A.2.g vii** (+11.06 kt) and **1.A.4.b i** (+26.8 kt).

In contrast, the most significant percental changes occur for NFRs **1.A.1.b with minus 23.66 %** and **1.A.2.f with minus 18.25 %**.

Table 2: Changes in emission estimates for 2022

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	2,539.17	2,568.11	28.94	1.14%	sub-category chapters
NFR 1 - Energy	1,799.87	1,828.53	28.66	1.59%	sub-category chapters
1.A.1.a	94.69	94.23	-0.46	-0.49%	here
1.A.1.b	2.08	1.59	-0.49	-23.66%	here
1.A.1.c	11.51	11.44	-0.07	-0.63%	here
1.A.2.a	32.51	30.84	-1.67	-5.14%	here
1.A.2.b	0.123	0.126	0.003	2.59%	here
1.A.2.e	0.082	0.085	0.003	3.79%	here
1.A.2.f	1.61	1.32	-0.29	-18.25%	here
1.A.2.g vii	177.09	188.15	11.06	6.24%	here
1.A.2.g viii	18.63	16.93	-1.71	-9.16%	here
1.A.3.a i(i)	4.29	4.30	0.01	0.22%	here
1.A.3.a ii(i)	2.26634	2.26647	0.00013	0.01%	here
1.A.3.b i	638.00	639.47	1.47	0.23%	here
1.A.3.b ii	38.73	38.76	0.03	0.08%	here
1.A.3.b iii	28.95	29.33	0.39	1.33%	here
1.A.3.b iv	62.60	61.28	-1.32	-2.11%	here
1.A.3.c	1.142	1.146	0.004	0.34%	here
1.A.3.d ii	6.97	6.91	-0.05	-0.77%	here
1.A.4.a i	48.25	46.86	-1.39	-2.89%	here
1.A.4.a ii	1.54	1.37	-0.18	-11.43%	here
1.A.4.b i	434.82	461.62	26.80	6.16%	here
1.A.4.b ii	80.65	82.75	2.09	2.60%	here
1.A.4.c i	15.60	15.73	0.13	0.84%	here
1.A.4.c ii	84.69	78.76	-5.94	-7.01%	here
1.A.4.c iii	0.02	0.02	0.00	0.00%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	2,539.17	2,568.11	28.94	1.14%	sub-category chapters
NFR 1 - Energy	1,799.87	1,828.53	28.66	1.59%	sub-category chapters
1.A.5.a	1.617	1.617	0.00	0.00%	here
1.A.5.b	10.358	10.605	0.25	2.38%	here
NFR 2 - IPPU	723.34	723.61	0.27	0.04%	sub-category chapters
2.A.2	11.23	11.47	0.24	2.13%	here
2.A.3	0.51	0.55	0.03	6.57%	here
2.G	11.939	11.940	0.001	0.01%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	15.97	15.97	0.00	0.00%	
NFR 6 - Other	NA				