

Recalculations - Black Carbon (BC)

The changes within the **National Total** reported for **1995 (+1.07 kt or +2.81 %)** result form a **variety of revisions in NFRs 1 and 5** with the **most significant changes in sub-categories 1.A.2.g vii** (-1.47 kt) and **1.A.4.c ii** (+2.7 kt).

Table 1: Changes of emission estimates 2000

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	38.13	39.20	1.07	2.81%	sub-category chapters
NFR 1 - Energy	37.46	38.45	0.99	2.65%	sub-category chapters
1.A.2.g vii	2.28	0.81	-1.47	-64.4%	here
1.A.3.a i(i)	0.02843	0.02818	-0.00025	-0.89%	here
1.A.3.a ii(i)	0.0144	0.0141	-0.0004	-2.53%	here
1.A.3.b iii	9.9631	9.9550	-0.0081	-0.08%	here
1.A.3.d ii	0.7416	0.7423	0.0006	0.09%	here
1.A.4.a ii	0.49	0.26	-0.23	-47.4%	here
1.A.4.b i	1.87862	1.87862	0.00000	0.00%	here
1.A.4.b ii	0.00842	0.00844	0.00002	0.21%	here
1.A.4.c ii	3.97	6.68	2.70	68.1%	here
NFR 2 - IPPU	0.017	0.017	0.000	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.65	0.73	0.08	11.8%	sub-category chapters
5.C.2	0.32	0.42	0.10	30.0%	here
5.E	0.33	0.31	-0.02	-5.87%	here
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2021 (+0.32 kt or +3.25 %)** are dominated by a handful of **stronger revisions in NFRs 1, 2 and 3** with the biggest change occurring for NFR sub-category **1.A.4.c ii with plus 0.57 kt** together with a variety of less significant revisions throughout NFRs 1, 2, 3 and 5.

The most significant percental change occurs for **NFR 1.A.4.c ii with plus 32 %**.

Table 2: Changes of emission estimates 2021

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	9.90	10.22	0.32	3.25%	sub-category chapters
NFR 1 - Energy	9.45	9.76	0.31	3.27%	sub-category chapters
1.A.1.a	0.0324	0.0321	-0.0003	-0.95%	here
1.A.1.b	0.025	0.027	0.002	6.20%	here
1.A.1.c	0.00038	0.00044	0.00006	15.4%	here
1.A.2.g vii	0.54	0.34	-0.20	-36.7%	here
1.A.2.g viii	0.065	0.061	-0.004	-6.87%	here
1.A.3.a i(i)	0.0162	0.0160	-0.0002	-1.54%	here
1.A.3.a ii(i)	0.006	0.005	-0.001	-21.5%	here
1.A.3.b i	1.03	0.95	-0.08	-7.63%	here
1.A.3.b ii	0.724	0.708	-0.016	-2.21%	here
1.A.3.b iii	0.530	0.536	0.006	1.19%	here
1.A.3.b iv	0.166	0.162	-0.004	-2.14%	here
1.A.3.b vi	1.697	1.699	0.002	0.15%	here
1.A.3.c	0.0982	0.0987	0.0005	0.52%	here
1.A.3.d ii	0.23	0.24	0.01	4.97%	here
1.A.4.a i	0.53	0.54	0.01	2.14%	here
1.A.4.a ii	0.13	0.14	0.01	6.38%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	9.90	10.22	0.32	3.25%	sub-category chapters
NFR 1 - Energy	9.45	9.76	0.31	3.27%	sub-category chapters
1.A.4.b ii	0.0063	0.0066	0.0003	5.18%	here
1.A.4.c i	0.0989	0.0991	0.0003	0.27%	here
1.A.4.c ii	1.75	2.32	<u>0.57</u>	<u>32.3%</u>	here
1.A.5.a	0.01385	0.01386	0.00001	0.07%	here
NFR 2 - IPPU	0.012	0.012	0.000		
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.444	0.458	0.014	3.05%	sub-category chapters
5.C.2	0.11	0.14	0.033	30.0%	here
5.E	0.335	0.316	-0.019	-5.69%	here
NFR 6 - Other	NA				