

Recalculations - Zinc (Zn)

The marginally small changes within the **1990 National Total (+0.005 t or +0.001 %)** result from a variety of revisions throughout NFRS 1 and 2 - with the strongest percental change occurring in **NFR 1.A.3.a i(i)** with minus 62 %.

Table 1: Changes in emission estimates for 1990

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	474.148	474.153	0.005	0.001%	sub-category chapters
NFR 1 - Energy	387.461	387.464	0.003	0.001%	sub-category chapters
1.A.2.g vii	0.021	0.015	-0.006	-27.9%	here
1.A.3.a i(i)	0.000013	0.000005	-0.000008	-62.4%	here
1.A.3.a ii(i)	0.00019	0.00020	0.00001	7.61%	here
1.A.3.c	0.917	0.921	0.003	0.37%	here
1.A.4.a ii	0.0033	0.0029	-0.0004	-12.7%	here
1.A.4.c ii	0.665	0.672	0.006	0.95%	here
NFR 2 - IPPU	86.687	86.689	0.002	0.002%	sub-category chapters
2.G	20.878	20.880	0.002	0.01%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				

The changes in the **National Total** reported for **2021 (+1.71 t and +0.61 %)** result from a **variety of revisions throughout NFRs 1 and 2**, dominated by changes within NFR sub-categories **1.A.4.a i** with +0.71 t and **2.G** with +0.37 t.

The significant percental change occurring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates for 2021

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	281,42	283,14	1,71	0,61%	sub-category chapters
NFR 1 - Energy	235,80	237,14	1,34	0,57%	sub-category chapters
1.A.1.a	4,94	4,93	-0,01	-0,16%	here
1.A.1.b	3,05	3,20	0,15	4,95%	here
1.A.1.c	0,029	0,032	0,003	11,8%	here
1.A.2.g vii	0,0233	0,0168	-0,0065	-27,8%	here
1.A.2.g viii	0,545	0,521	-0,024	-4,38%	here
1.A.3.a i(i)	0,0000019	0,0000018	-0,0000001	-5,24%	here
1.A.3.a ii(i)	0,00002422	0,00002424	0,00000002	0,07%	here
1.A.3.b i	0,729	0,726	-0,003	-0,45%	here
1.A.3.b ii	0,0785	0,0771	-0,0014	-1,76%	here
1.A.3.b iii	0,11	0,25	0,14	130%	here
1.A.3.b iv	0,01320	0,01333	0,00014	1,02%	here
1.A.3.b vi	124,00	124,14	0,13	0,11%	here
1.A.3.b vii	1,2161	1,2165	0,0004	0,03%	here
1.A.3.c	0,2640569	0,2640604	0,0000035	0,001%	here
1.A.3.d ii	0,492	0,528	0,035	7,20%	here
1.A.4.a i	33,18	33,89	0,71	2,14%	here
1.A.4.a ii	0,00255	0,00271	0,00015	6,02%	here
1.A.4.b i	64,82616	64,82612	-0,00005	-0,0001%	here
1.A.4.b ii	0,148	0,155	0,007	4,60%	here
1.A.4.c i	1,510	1,514	0,004	0,27%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	281,42	283,14	1,71	0,61%	sub-category chapters
NFR 1 - Energy	235,80	237,14	1,34	0,57%	sub-category chapters
1.A.4.c ii	0,63	0,82	0,20	31,5%	here
1.A.5.b	0,0048862	0,0048864	0,0000002	0,005%	here
NFR 2 - IPPU	45,63	46,00	0,37	0,81%	sub-category chapters
2.G	20,77	21,14	<u>0,37</u>	1,79%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				