

Recalculations - Arsenic (As)

The negligibly small changes within the **1990 National Total (-0.002 t or -0.002 %)** are dominated by a **revision in NFR 5.E (-0.002 t)** together with a variety of much less significant changes throughout NFR 1.

Here, the strongest percental change occurs in NFR **1.A.3.a i(i) with minus 64 %**.

Table 1: Changes of emission estimates for 1990

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	85.919	85.917	-0.002	-0.002%	sub-category chapters
NFR 1 - Energy	82.3658553	82.3658556	0.0000004	0.0000005%	sub-category chapters
1.A.2.g vii	0.00012	0.00009	-0.00003	-27.1%	here
1.A.3.a i(i)	0.0000001	0.0000000	-0.0000001	-62.4%	here
1.A.3.a ii(i)	0.0000017	0.0000018	0.0000001	7.61%	here
1.A.3.c	0.0135046	0.0135049	0.0000003	0.003%	here
1.A.4.a ii	0.000018	0.000016	-0.000002	-12.7%	here
1.A.4.c ii	0.00015	0.00019	0.00004	23.4%	here
NFR 2 - IPPU	3.52	3.52	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.030	0.028	-0.002	-5.96%	sub-category chapters
5.E	0.030	0.028	-0.002	-5.96%	here
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2021 (+0.08 t or +1.53 %)** result from a **variety of revisions throughout NFRs 1, 2 and 5**.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous 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	5,34	5,42	0,08	1,53%	sub-category chapters
NFR 1 - Energy	4,26	4,34	0,08	1,96%	sub-category chapters
1.A.1.a	1,97	2,01	0,04	1,87%	here
1.A.1.b	0,87	0,92	0,04	5,11%	here
1.A.1.c	0,0053	0,0057	0,0004	6,67%	here
1.A.2.g vii	0,00014	0,00011	-0,00003	-23,0%	here
1.A.2.g viii	0,21	0,20	-0,01	-4,73%	here
1.A.3.a i(i)	0,000000017	0,000000017	-0,000000001	-5,24%	here
1.A.3.a ii(i)	0,0000002202	0,0000002203	0,0000000002	0,07%	here
1.A.3.b i	0,005752	0,005744	-0,000009	-0,15%	here
1.A.3.b ii	0,000454	0,000446	-0,000007	-1,63%	here
1.A.3.b iii	0,0006	0,0014	0,0008	130%	here
1.A.3.b iv	0,000120	0,000121	0,000001	1,02%	here
1.A.3.b vi	0,5071	0,5078	0,0007	0,14%	here
1.A.3.b vii	0,036765	0,036777	0,000013	0,03%	here
1.A.3.c	0,00125525	0,00125527	0,00000002	0,002%	here
1.A.3.d ii	0,014526	0,014530	0,000004	0,02%	here
1.A.4.a i	0,47	0,48	0,01	2,14%	here
1.A.4.a ii	0,000014	0,000015	0,000001	6,02%	here
1.A.4.b i	0,156809	0,156815	0,000006	0,004%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	5,34	5,42	0,08	1,53%	sub-category chapters
NFR 1 - Energy	4,26	4,34	0,08	1,96%	sub-category chapters
1.A.4.b ii	0,000022	0,000023	0,000001	4,60%	here
1.A.4.c i	0,001102	0,001105	0,000003	0,27%	here
1.A.4.c ii	0,00016	0,00021	0,00005	29,3%	here
1.A.5.b	0,000124161	0,000124163	0,000000002	0,002%	here
NFR 2 - IPPU	1,0507	1,0509	0,0002	0,02%	sub-category chapters
2.A.3	0,1923	0,1926	0,0002	0,13%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,031	0,029	-0,002	-5,81%	sub-category chapters
5.E	0,031	0,029	-0,002	-5,81%	here
NFR 6 - Other	NA				