

## 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

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>474,148</b>	<b>474,153</b>	<b>0,005</b>	<b>0,001%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>387,461</b>	<b>387,464</b>	<b>0,003</b>	<b>0,001%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,021	0,015	-0,006	-27,9%	<a href="#">here</a>
1.A.3.a i(i)	0,000013	0,000005	-0,000008	-62,4%	<a href="#">here</a>
1.A.3.a ii(i)	0,00019	0,00020	0,00001	7,61%	<a href="#">here</a>
1.A.3.c	0,917	0,921	0,003	0,37%	<a href="#">here</a>
1.A.4.a ii	0,0033	0,0029	-0,0004	-12,7%	<a href="#">here</a>
1.A.4.c ii	0,665	0,672	0,006	0,95%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>86,687</b>	<b>86,689</b>	<b>0,002</b>	<b>0,002%</b>	<b>sub-category chapters</b>
2.G	20,878	20,880	0,002	0,01%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		
<b>NFR 5 - Waste</b>	<b>0,000</b>	<b>0,000</b>	<b>0,00</b>		
<b>NFR 6 - Other</b>	<b>0,000</b>	<b>0,000</b>	<b>0,00</b>		

The small changes in the **National Total** reported for **2020 (-0.93 t and -0.35 %)** result from a **variety of revisions throughout NFRs 1 and 2**.

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 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>267,315</b>	<b>266,383</b>	<b>-0,93</b>	<b>-0,35%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>220,766</b>	<b>219,897</b>	<b>-0,87</b>	<b>-0,39%</b>	<b>sub-category chapters</b>
1.A.1.a	4,120	4,095	-0,03	-0,62%	<a href="#">here</a>
1.A.1.b	3,039	2,953	-0,09	-2,85%	<a href="#">here</a>
1.A.1.c	0,037	0,033	-0,004	-9,80%	<a href="#">here</a>
1.A.2.g vii	0,023	0,024	0,001	3,88%	<a href="#">here</a>
1.A.2.g viii	0,41	0,59	0,17	41,43%	<a href="#">here</a>
1.A.3.a i(i)	0,000000727	0,000000724	-0,000000003	-0,42%	<a href="#">here</a>
1.A.3.a ii(i)	0,000018773	0,000018779	0,000000006	0,03%	<a href="#">here</a>
1.A.3.b i	0,720	0,721	0,001	0,15%	<a href="#">here</a>
1.A.3.b ii	0,070	0,072	0,002	2,62%	<a href="#">here</a>
1.A.3.b iii	0,26	0,09	-0,17	-65,91%	<a href="#">here</a>
1.A.3.b iv	0,0143	0,0145	0,0002	1,11%	<a href="#">here</a>
1.A.3.b vi	123,52	122,91	-0,61	-0,49%	<a href="#">here</a>
1.A.3.b vii	1,2052	1,2046	-0,0006	-0,05%	<a href="#">here</a>
1.A.3.c	0,24	0,26	0,01	6,13%	<a href="#">here</a>
1.A.3.d ii	0,47848	0,47845	-0,00003	-0,01%	<a href="#">here</a>
1.A.4.a i	28,82	29,44	0,62	2,14%	<a href="#">here</a>
1.A.4.a ii	0,00261	0,00264	0,00002	0,89%	<a href="#">here</a>
1.A.4.b i	55,78	54,93	-0,86	-1,54%	<a href="#">here</a>
1.A.4.b ii	0,19	0,15	-0,04	-21,39%	<a href="#">here</a>
1.A.4.c i	1,3135	1,3134	-0,0001	-0,01%	<a href="#">here</a>
1.A.4.c ii	0,49	0,61	0,12	24,44%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>46,55</b>	<b>46,49</b>	<b>-0,06</b>	<b>-0,13%</b>	<b>sub-category chapters</b>

	Submission 2022	Submission 2023	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>267,315</b>	<b>266,383</b>	<b>-0,93</b>	<b>-0,35%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>220,766</b>	<b>219,897</b>	<b>-0,87</b>	<b>-0,39%</b>	<b>sub-category chapters</b>
2.G	21,82	21,75	-0,06	-0,29%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>		<b>NA</b>			
<b>NFR 5 - Waste</b>		<b>NA</b>			
<b>NFR 6 - Other</b>		<b>NA</b>			