

## Recalculations - Zinc (Zn)

The marginal changes in the **National Total** reported for **1990 (-0.44 t or -0.09 %)** result from a variety of revisions throughout **NFR 1 and in NFR 2.G**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>474,59</b>	<b>474,15</b>	<b>-0,44</b>	<b>-0,09%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>387,74</b>	<b>387,46</b>	<b>-0,28</b>	<b>-0,07%</b>	sub-category chapters
1.A.3.a i(i)	0,000019	0,000013	-0,000006	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	0,0003	0,0002	-0,0001	-33,33%	<a href="#">here</a>
1.A.3.c	0,91	0,92	0,01	1,27%	<a href="#">here</a>
1.A.3.d ii	1,27	1,00	-0,27	-21,38%	<a href="#">here</a>
1.A.4.b i	18,179	18,179	0,00	0,00%	<a href="#">here</a>
1.A.4.b ii	0,32	0,33	0,01	2,78%	<a href="#">here</a>
1.A.4.c iii	0,02	0,01	-0,01	-53,83%	<a href="#">here</a>
1.A.5.b	0,050	0,038	-0,01	-24,61%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>86,85</b>	<b>86,69</b>	<b>-0,16</b>	<b>-0,19%</b>	sub-category chapters
2.G	21,05	20,88	-0,16	-0,78%	<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>			

The small changes in the **National Total** reported for **2019 (+2.29 t or +0.78 %)** are dominated by a revision in **NFR 2.G with plus 2.42 t** together with a variety of less significant revisions throughout **NFR 1**.

However, the most significant percental changes occur for **NFRs 1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 2: Changes in emission estimates for 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>294,748</b>	<b>297,040</b>	<b>2,29</b>	<b>0,78%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>239,604</b>	<b>239,477</b>	<b>-0,13</b>	<b>-0,05%</b>	sub-category chapters
1.A.1.a	5,245	5,277	0,03	0,61%	<a href="#">here</a>
1.A.1.b	3,222	3,131	-0,09	-2,81%	<a href="#">here</a>
1.A.1.c	0,037	0,035	-0,002	-4,70%	<a href="#">here</a>
1.A.2.g vii	0,02176	0,02175	-0,00001	-0,04%	<a href="#">here</a>
1.A.2.g viii	0,51	0,47	-0,04	-7,59%	<a href="#">here</a>
1.A.3.a i(i)	0,000008	0,000001	-0,000007	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	0,00017	0,00003	-0,00015	-83,69%	<a href="#">here</a>
1.A.3.b i	0,8145	0,8150	0,0005	0,06%	<a href="#">here</a>
1.A.3.b ii	0,0723	0,0715	-0,0008	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,2741	0,2737	-0,0004	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,01421	0,01405	-0,00016	-1,10%	<a href="#">here</a>
1.A.3.c	0,23	0,26	0,03	12,58%	<a href="#">here</a>
1.A.3.d ii	0,58	0,54	-0,04	-6,64%	<a href="#">here</a>
1.A.4.a ii	0,002557	0,002561	0,000005	0,18%	<a href="#">here</a>
1.A.4.b ii	0,199	0,203	0,004	1,88%	<a href="#">here</a>
1.A.4.c ii	0,40	0,39	-0,01	-1,72%	<a href="#">here</a>
1.A.4.c iii	0,014	0,009	-0,005	-37,07%	<a href="#">here</a>
1.A.5.b	0,018	0,007	-0,011	-62,86%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>55,14</b>	<b>57,56</b>	<b>2,42</b>	<b>4,39%</b>	sub-category chapters
2.G	30,44	32,86	2,42	7,95%	<a href="#">here</a>

	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>294,748</b>	<b>297,040</b>	<b>2,29</b>	<b>0,78%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>239,604</b>	<b>239,477</b>	<b>-0,13</b>	<b>-0,05%</b>	<b>sub-category chapters</b>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				
<b>NFR 6 - Other</b>	<b>NA</b>				