

# Recalculations - Zinc (Zn)

## Revision of zinc emissions over time:



The small changes in the **National Total reported for 1990 (-0.8 t | -0.17 %)** 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 2020	Submission 2021	Difference		Reasoning
	[t]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>475,38</b>	<b>474,59</b>	<b>-0,79</b>	<b>-0,17%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>388,04</b>	<b>387,74</b>	<b>-0,31</b>	<b>-0,08%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,0209	0,0212	0,0003	1,56%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,00002	0,00002		<a href="#">here</a>
1.A.3.a ii(i)	0,0018	0,0003	-0,0016	-84,90%	<a href="#">here</a>
1.A.3.b i	1,073	1,076	0,002	0,22%	<a href="#">here</a>
1.A.3.b ii	0,04	0,03	-0,01	-21,74%	<a href="#">here</a>
1.A.3.b iii	0,18	0,19	0,01	4,14%	<a href="#">here</a>
1.A.3.b iv	0,018	0,016	-0,001	-6,18%	<a href="#">here</a>
1.A.3.b vi	94,51	94,21	-0,31	-0,32%	<a href="#">here</a>
1.A.4.a ii	0,00326	0,00329	0,00003	0,94%	<a href="#">here</a>
1.A.4.c ii	0,6657	0,6653	-0,0004	-0,05%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>87,34</b>	<b>86,85</b>	<b>-0,48</b>	<b>-0,55%</b>	<b>sub-category chapters</b>
2.G	21,53	21,05	-0,48	-2,25%	<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 negligibly small changes in the **National Total reported for 2018 (-0.2 t | -0.06 %)** result from a variety of revisions throughout **NFR 1 and in NFR 2.G**.

Table 1: Changes in emission estimates for 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>292,95</b>	<b>292,77</b>	<b>-0,18</b>	<b>-0,06%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>234,71</b>	<b>235,92</b>	<b>1,22</b>	<b>0,52%</b>	<b>sub-category chapters</b>
1.A.1.a	6,91	6,94	0,03	0,42%	<a href="#">here</a>
1.A.1.b	3,745	3,282	-0,46	-12,37%	<a href="#">here</a>
1.A.1.c	0,0356	0,0392	0,0036	10,09%	<a href="#">here</a>
1.A.2.g vii	0,0203	0,0217	0,0014	6,99%	<a href="#">here</a>
1.A.2.g viii	0,53	0,52	-0,01	-1,61%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,00001	0,00001		<a href="#">here</a>
1.A.3.a ii(i)	0,0003	0,0002	-0,0001	-36,34%	<a href="#">here</a>
1.A.3.b i	0,80	0,81	0,01	1,15%	<a href="#">here</a>
1.A.3.b ii	0,0694	0,0700	0,0005	0,78%	<a href="#">here</a>
1.A.3.b iii	0,28	0,27	-0,01	-3,34%	<a href="#">here</a>
1.A.3.b iv	0,0142	0,0140	-0,0002	-1,19%	<a href="#">here</a>
1.A.3.b vi	137,29	137,13	-0,16	-0,12%	<a href="#">here</a>
1.A.3.b vii	1,329	1,325	-0,004	-0,28%	<a href="#">here</a>
1.A.3.c	0,262	0,226	-0,036	-13,68%	<a href="#">here</a>
1.A.3.d ii	0,61	0,64	0,03	5,08%	<a href="#">here</a>

	Submission 2020	Submission 2021	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>292,95</b>	<b>292,77</b>	<b>-0,18</b>	<b>-0,06%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>234,71</b>	<b>235,92</b>	<b>1,22</b>	<b>0,52%</b>	<b>sub-category chapters</b>
1.A.4.a i	28,87	25,39	-3,48	-12,06%	<a href="#">here</a>
1.A.4.a ii	0,0030	0,0026	-0,0005	-15,33%	<a href="#">here</a>
1.A.4.b i	51,99	57,27	5,28	10,17%	<a href="#">here</a>
1.A.4.b ii	0,21	0,20	-0,01	-4,69%	<a href="#">here</a>
1.A.4.c i	1,2863	1,2867	0,0004	0,03%	<a href="#">here</a>
1.A.4.c ii	0,37	0,40	0,03	8,52%	<a href="#">here</a>
1.A.4.c iii	0,069	0,071	0,002	3,02%	<a href="#">here</a>
1.A.5.b	0,0138	0,0142	0,0004	2,56%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>58,24</b>	<b>56,85</b>	<b>-1,40</b>	<b>-2,40%</b>	<b>sub-category chapters</b>
2.G	32,46	31,06	-1,40	-4,31%	<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>				