

## Recalculations - Cadmium (Cd)

The atomically small changes within the **National Total** reported for **1990 (-0.001 t or -0.004 %)** result from a variety of **revisions throughout NFRs 1 and 5**.

The most significant percental change occurs for NFR **1.A.3.a i(i) with minus 62 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>29.101</b>	<b>29.100</b>	<b>-0.001</b>	<b>-0.004%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>12.75910</b>	<b>12.75914</b>	<b>0.00003</b>	<b>0.0003%</b>	sub-category chapters
1.A.2.g vii	0.000063	0.000046	-0.000016	-26.3%	<a href="#">here</a>
1.A.3.a i(i)	0.00000008	0.00000003	-0.00000005	-62.4%	<a href="#">here</a>
1.A.3.a ii(i)	0.0000011	0.0000012	0.0000001	7.61%	<a href="#">here</a>
1.A.3.c	0.01293	0.01296	0.00003	0.27%	<a href="#">here</a>
1.A.4.a ii	0.000009	0.000008	-0.000001	-12.7%	<a href="#">here</a>
1.A.4.c ii	0.006557	0.006574	0.000018	0.27%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>16.27</b>	<b>16.27</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.075</b>	<b>0.074</b>	<b>-0.001</b>	<b>-1.53%</b>	sub-category chapters
5.E	0.019	0.018	-0.001	-6.02%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				

The changes within the **National Total** reported for **2021 (+0.14 t or +1.28 %)** 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 2021

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>10.87</b>	<b>11.01</b>	<b>0.14</b>	<b>1.28%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>2.94</b>	<b>3.08</b>	<b>0.14</b>	<b>4.62%</b>	sub-category chapters
1.A.1.a	0.73	0.74	0.01	1.34%	<a href="#">here</a>
1.A.1.b	1.03	1.15	<u>0.12</u>	11.7%	<a href="#">here</a>
1.A.1.c	0.00747	0.00803	0.00056	7.51%	<a href="#">here</a>
1.A.2.g vii	0.00008	0.00006	-0.00001	-19.5%	<a href="#">here</a>
1.A.2.g viii	0.108	0.106	-0.002	-1.86%	<a href="#">here</a>
1.A.3.a i(i)	0.000000012	0.000000011	-0.000000001	-5.24%	<a href="#">here</a>
1.A.3.a ii(i)	0.0000001468	0.0000001469	0.0000000001	0.07%	<a href="#">here</a>
1.A.3.b i	0.003636	0.003635	-0.000001	-0.03%	<a href="#">here</a>
1.A.3.b ii	0.000244	0.000240	-0.000004	-1.55%	<a href="#">here</a>
1.A.3.b iii	0.0003	0.0007	0.0004	<u>130%</u>	<a href="#">here</a>
1.A.3.b iv	0.000080	0.000081	0.000001	1.02%	<a href="#">here</a>
1.A.3.b vi	0.19726	0.19753	0.00026	0.13%	<a href="#">here</a>
1.A.3.b vii	0.002969	0.002970	0.000001	0.03%	<a href="#">here</a>
1.A.3.d ii	0.004607	0.004961	0.000354	7.69%	<a href="#">here</a>
1.A.4.a i	0.221	0.226	0.005	2.14%	<a href="#">here</a>
1.A.4.a ii	0.0000071	0.0000075	0.0000004	6.02%	<a href="#">here</a>
1.A.4.b i	0.611872	0.611879	0.000007	0.001%	<a href="#">here</a>
1.A.4.b ii	0.0015	0.0016	0.0001	4.60%	<a href="#">here</a>
1.A.4.c i	0.00963	0.00966	0.00003	0.27%	<a href="#">here</a>

	Submission 2023	Submission 2024	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10.87</b>	<b>11.01</b>	<b>0.14</b>	<b>1.28%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2.94</b>	<b>3.08</b>	<b>0.14</b>	<b>4.62%</b>	<b>sub-category chapters</b>
1.A.4.c ii	0.006	0.008	0.002	31.5%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>7.88813</b>	<b>7.89190</b>	<b>0.00377</b>	<b>0.05%</b>	<b>sub-category chapters</b>
2.A.3	0.017120	0.017131	0.000012	0.07%	<a href="#">here</a>
2.G	0.84175	0.84551	0.00376	0.45%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.037</b>	<b>0.036</b>	<b>-0.001</b>	<b>-3.10%</b>	<b>sub-category chapters</b>
5.E	0.020	0.018	-0.001	-5.86%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				