

# 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.

The most significant percental change occurs for NFR **1.A.3.a i(i) with minus 62 %**. **Table 1: Changes of emission estimates 1990** ^ ^ **Submission 2023** ^ **Submission 2024** ^ **Difference** | ^ **Reasoning** ^ ^ **NFR Sector** ^ **[t]** | | ^ **relative** ^ **see description and reasoning in:** ^ ^ **NATIONAL TOTAL** ^ **29,101** ^ **29,100** ^ **-0,001** ^ **-0,004%** ^ **sub-category chapters** ^ ^ **NFR 1 - Energy** ^ **12,75910** ^ **12,75914** ^ **0,00003** ^ **0,0003%** ^ **sub-category chapters** ^ | **1.A.2.g vii** | **0,000063** | **0,000046** | **-0,000016** | **-26,3%** | [here](#) | | **1.A.3.a i(i)** | **0,00000008** | **0,00000003** | **-0,00000005** | **-62,4%** | [here](#) | | **1.A.3.a ii(i)** | **0,0000011** | **0,0000012** | **0,0000001** | **7,61%** | [here](#) | | **1.A.3.c** | **0,01293** | **0,01296** | **0,00003** | **0,27%** | [here](#) | | **1.A.4.a ii** | **0,000009** | **0,000008** | **-0,000001** | **-12,7%** | [here](#) | | **1.A.4.c ii** | **0,006557** | **0,006574** | **0,000018** | **0,27%** | [here](#) | ^ **NFR 2 - IPPU** ^ **16,267** ^ **16,267** ^ **0,00** ^ **0,00%** ^ ^ **NFR 3 - Agriculture** ^ **0,00** ^ **0,00** ^ **0,00** ^ ^ ^ **NFR 5 - Waste** ^ **0,075** ^ **0,074** ^ **-0,001** ^ **-1,53%** ^ **sub-category chapters** ^ | **5.E** | **0,019** | **0,018** | **-0,001** | **-6,02%** | [here](#) | ^ **NFR 6 - Other** ^ **0,00** ^ **0,00** ^ **0,00** ^ ^ ^ **The small changes within the National Total reported for 2020 (-0.12 t or -1.10 %)** result from several changes throughout NFRs 1 and 2\*\* that more or less cancel out each other.

The most significant percental change, occuring in NFR 1.A.3.b iii (minus 66 %), not affecting the National Total, results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>10,75</b>	<b>10,63</b>	<b>-0,12</b>	<b>-1,10%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,79</b>	<b>2,75</b>	<b>-0,04</b>	<b>-1,32%</b>	<b>sub-category chapters</b>
1.A.1.a	0,626	0,622	-0,004	-0,71%	<a href="#">here</a>
1.A.1.b	1,10	1,07	-0,04	-3,26%	<a href="#">here</a>
1.A.1.c	0,009	0,008	-0,001	-7,33%	<a href="#">here</a>
1.A.2.g vii	0,000071	0,000076	0,000005	6,40%	<a href="#">here</a>
1.A.2.g viii	0,10	0,11	0,01	7,87%	<a href="#">here</a>
1.A.3.a i(i)	0,00000000441	0,00000000439	-0,00000000002	-0,42%	<a href="#">here</a>
1.A.3.a ii(i)	0,00000011377	0,00000011381	0,00000000004	0,03%	<a href="#">here</a>
1.A.3.b i	0,003596	0,003595	-0,000001	-0,02%	<a href="#">here</a>
1.A.3.b ii	0,000216	0,000224	0,000007	3,41%	<a href="#">here</a>
1.A.3.b iii	0,0008	0,0003	-0,0005	-65,91%	<a href="#">here</a>
1.A.3.b iv	0,000087	0,000088	0,000001	1,11%	<a href="#">here</a>
1.A.3.b vi	0,1963	0,1954	0,00	-0,45%	<a href="#">here</a>
1.A.3.b vii	0,002943	0,002941	-0,000002	-0,05%	<a href="#">here</a>
1.A.3.c	0,0036	0,0037	0,0001	4,13%	<a href="#">here</a>
1.A.3.d ii	0,0045	0,0045	0,0000	-0,01%	<a href="#">here</a>
1.A.4.a i	0,192	0,196	0,004	2,14%	<a href="#">here</a>
1.A.4.a ii	0,00000726	0,00000733	0,00000006	0,89%	<a href="#">here</a>
1.A.4.b i	0,529	0,522	-0,008	-1,46%	<a href="#">here</a>
1.A.4.b ii	0,0020	0,0015	-0,0004	-21,39%	<a href="#">here</a>
1.A.4.c i	0,008377	0,008376	-0,000001	-0,01%	<a href="#">here</a>
1.A.4.c ii	0,005	0,006	0,001	25,35%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>7,92</b>	<b>7,84</b>	<b>-0,08</b>	<b>-1,03%</b>	<b>sub-category chapters</b>
2.A.1	0,11	0,03	-0,08	-76,19%	<a href="#">here</a>
2.A.3	0,01640	0,01644	0,00004	0,26%	<a href="#">here</a>
2.G	0,850	0,849	-0,001	-0,07%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,0372</b>	<b>0,0372</b>	<b>0,0000</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				