

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] | | absolute | relative | |
| NATIONAL TOTAL | 29,101 | 29,100 | -0,001 | -0,004% | see description and reasoning in: 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, occurring 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 2023 | Submission 2024 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|--------------|---|
| | [t] | | absolute | relative | |
| NATIONAL TOTAL | 10,87 | 11,01 | 0,14 | 1,28% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 2,94 | 3,08 | 0,14 | 4,62% | sub-category chapters |
| 1.A.1.a | 0,73 | 0,74 | 0,01 | 1,34% | here |
| 1.A.1.b | 1,03 | 1,15 | 0,12 | 11,7% | here |
| 1.A.1.c | 0,00747 | 0,00803 | 0,00056 | 7,51% | here |
| 1.A.2.g vii | 0,00008 | 0,00006 | -0,00001 | -19,5% | here |
| 1.A.2.g viii | 0,108 | 0,106 | -0,002 | -1,86% | here |
| 1.A.3.a i(i) | 0,000000012 | 0,000000011 | -0,000000001 | -5,24% | here |
| 1.A.3.a ii(i) | 0,0000001468 | 0,0000001469 | 0,0000000001 | 0,07% | here |
| 1.A.3.b i | 0,003636 | 0,003635 | -0,000001 | -0,03% | here |
| 1.A.3.b ii | 0,000244 | 0,000240 | -0,000004 | -1,55% | here |
| 1.A.3.b iii | 0,0003 | 0,0007 | 0,0004 | 130% | here |
| 1.A.3.b iv | 0,000080 | 0,000081 | 0,000001 | 1,02% | here |
| 1.A.3.b vi | 0,19726 | 0,19753 | 0,00026 | 0,13% | here |
| 1.A.3.b vii | 0,002969 | 0,002970 | 0,000001 | 0,03% | here |
| 1.A.3.d ii | 0,004607 | 0,004961 | 0,000354 | 7,69% | here |
| 1.A.4.a i | 0,221 | 0,226 | 0,005 | 2,14% | here |
| 1.A.4.a ii | 0,0000071 | 0,0000075 | 0,0000004 | 6,02% | here |
| 1.A.4.b i | 0,611872 | 0,611879 | 0,000007 | 0,001% | here |
| 1.A.4.b ii | 0,0015 | 0,0016 | 0,0001 | 4,60% | here |
| 1.A.4.c i | 0,00963 | 0,00966 | 0,00003 | 0,27% | here |
| 1.A.4.c ii | 0,006 | 0,008 | 0,002 | 31,5% | here |

| | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|----------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 10,87 | 11,01 | 0,14 | 1,28% | sub-category chapters |
| NFR 1 - Energy | 2,94 | 3,08 | 0,14 | 4,62% | sub-category chapters |
| NFR 2 - IPPU | 7,88813 | 7,89190 | 0,00377 | 0,05% | sub-category chapters |
| 2.A.3 | 0,017120 | 0,017131 | 0,000012 | 0,07% | here |
| 2.G | 0,84175 | 0,84551 | 0,00376 | 0,45% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,037 | 0,036 | -0,001 | -3,10% | sub-category chapters |
| 5.E | 0,020 | 0,018 | -0,001 | -5,86% | here |
| NFR 6 - Other | NA | | | | |