

Recalculations - Lead (Pb)

The marginally small changes within the **National Total** reported for **1990 (+0.08 t or +0.004 %)** are dominated by revisions in **NFRs 1.A.3.a i(i) and 1.A.3.a i(ii)** where leaded avgas is applied.

Here, 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 | |
| NATIONAL TOTAL | 1,899.19 | 1,899.27 | 0.08 | 0.004% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 1,499.00 | 1,499.08 | 0.08 | 0.005% | sub-category chapters |
| 1.A.2.g vii | 2.0893 | 2.0891 | -0.0002 | -0.01% | here |
| 1.A.3.a i(i) | 0.16 | 0.06 | -0.10 | -62.4% | here |
| 1.A.3.a ii(i) | 2.33 | 2.50 | 0.18 | 7.61% | here |
| 1.A.3.c | 0.2468 | 0.2470 | 0.0002 | 0.07% | here |
| 1.A.4.a ii | 0.00009 | 0.00008 | -0.00001 | -12.7% | here |
| NFR 2 - IPPU | 400.05 | 400.05 | 0.00 | 0.00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0.1475 | 0.1469 | -0.0006 | -0.39% | sub-category chapters |
| 5.E | 0.0095 | 0.0089 | -0.0006 | -6.07% | here |
| NFR 6 - Other | NA | | | | |

The small changes within the **National Total** reported for **2021 (+0.82 kt or +0.53 %)** are dominated by a handful of **stronger revisions in NFR 1** with the biggest change occurring for NFR sub-category **1.A.4.a i with plus 0.44 kt** together with a variety of less significant revisions throughout NFRs 1, 2, 3 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 | |
| NATIONAL TOTAL | 154.45 | 155.27 | 0.82 | 0.53% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 82.06 | 82.88 | 0.82 | 1.00% | sub-category chapters |
| 1.A.1.a | 6.66 | 6.71 | 0.06 | 0.83% | here |
| 1.A.1.b | 4.84 | 5.12 | 0.28 | 5.87% | here |
| 1.A.1.c | 0.068 | 0.074 | 0.005 | 7.39% | here |
| 1.A.2.g vii | 0.00071 | 0.00055 | -0.00016 | -22.3% | here |
| 1.A.2.g viii | 0.56 | 0.53 | -0.03 | -5.92% | here |
| 1.A.3.a i(i) | 0.024 | 0.023 | -0.001 | -5.24% | here |
| 1.A.3.a ii(i) | 0.3028 | 0.3030 | 0.0002 | 0.07% | here |
| 1.A.3.b i | 0.03022 | 0.03018 | -0.00004 | -0.13% | here |
| 1.A.3.b ii | 0.00230 | 0.00227 | -0.00004 | -1.62% | here |
| 1.A.3.b iii | 0.003 | 0.007 | 0.004 | 130% | here |
| 1.A.3.b iv | 0.000639 | 0.000646 | 0.000007 | 1.02% | here |
| 1.A.3.b vi | 44.21 | 44.27 | 0.06 | 0.15% | here |
| 1.A.3.b vii | 0.05797 | 0.05799 | 0.00002 | 0.03% | here |
| 1.A.3.d ii | 0.040 | 0.042 | 0.002 | 4.60% | here |
| 1.A.4.a i | 20.45 | 20.89 | 0.44 | 2.14% | here |
| 1.A.4.a ii | 0.000071 | 0.000075 | 0.000004 | 6.02% | here |
| 1.A.4.b i | 4.6614 | 4.6615 | 0.0001 | 0.003% | here |
| 1.A.4.b ii | 0.000129 | 0.000135 | 0.000006 | 4.60% | here |
| 1.A.4.c i | 0.0685 | 0.0687 | 0.0002 | 0.27% | here |

| | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|----------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 154.45 | 155.27 | 0.82 | 0.53% | sub-category chapters |
| NFR 1 - Energy | 82.06 | 82.88 | 0.82 | 1.00% | sub-category chapters |
| 1.A.4.c ii | 0.00085 | 0.00110 | 0.00025 | 29.5% | here |
| NFR 2 - IPPU | 72.3353 | 72.3358 | 0.00048 | 0.001% | sub-category chapters |
| 2.A.3 | 0.64401 | 0.64446 | 0.00045 | 0.07% | here |
| 2.G | 0.00141 | 0.00144 | 0.00003 | 1.88% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0.0527 | 0.0521 | -0.0006 | -1.09% | sub-category chapters |
| 5.E | 0.0097 | 0.0092 | -0.0006 | -5.92% | here |
| NFR 6 - Other | NA | | | | |