

Recalculations - Lead (Pb)

The marginally small changes within the **National Total** reported for **1990 (+0.08 t | +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] | | absolute | 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 | 0,00 | 0,00 | 0,00 | | |
| 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 | 0,00 | 0,00 | 0,00 | | |

The negligibly small changes within the **National Total** reported for **2020 (-0.04 t or -0.03 %)** 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 65 %), 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] | | absolute | relative | |
| NATIONAL TOTAL | 142,64 | 142,60 | -0,04 | -0,03% | sub-category chapters |
| NFR 1 - Energy | 77,62 | 77,73 | 0,11 | 0,15% | sub-category chapters |
| 1.A.1.a | 5,87 | 5,84 | -0,04 | -0,61% | here |
| 1.A.1.b | 4,85 | 4,69 | -0,16 | -3,34% | here |
| 1.A.1.c | 0,081 | 0,075 | -0,006 | -7,26% | here |
| 1.A.2.g vii | 0,000682 | 0,000719 | 0,000038 | 5,54% | here |
| 1.A.2.g viii | 0,492 | 0,676 | 0,18 | 37,48% | here |
| 1.A.3.a i(i) | 0,01 | 0,01 | 0,00 | -0,42% | here |
| 1.A.3.a ii(i) | 0,23 | 0,23 | 0,00 | 0,03% | here |
| 1.A.3.b i | 0,02988 | 0,02989 | 0,00000 | 0,01% | here |
| 1.A.3.b ii | 0,00205 | 0,00211 | 0,00006 | 3,16% | here |
| 1.A.3.b iii | 0,00733 | 0,00250 | -0,00483 | -65,91% | here |
| 1.A.3.b iv | 0,00069 | 0,00070 | 0,00001 | 1,11% | here |
| 1.A.3.b vi | 43,95 | 43,77 | -0,19 | -0,43% | here |
| 1.A.3.b vii | 0,05746 | 0,05743 | -0,00003 | -0,05% | here |
| 1.A.3.c | 0,083 | 0,084 | 0,001 | 0,93% | here |
| 1.A.4.a i | 17,77 | 18,15 | 0,38 | 2,14% | here |
| 1.A.4.a ii | 0,0000726 | 0,0000733 | 0,0000006 | 0,89% | here |
| 1.A.4.b i | 4,08 | 4,02 | -0,06 | -1,35% | here |
| 1.A.4.b ii | 0,00017 | 0,00013 | -0,00004 | -21,39% | here |
| 1.A.4.c i | 0,05960 | 0,05960 | -0,00001 | -0,01% | here |
| 1.A.4.c ii | 0,000812 | 0,000847 | 0,000035 | 4,35% | here |
| NFR 2 - IPPU | 64,97 | 64,82 | -0,15 | -0,24% | sub-category chapters |

| | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 142,64 | 142,60 | -0,04 | -0,03% | sub-category chapters |
| NFR 1 - Energy | 77,62 | 77,73 | 0,11 | 0,15% | sub-category chapters |
| 2.A.1 | 0,388 | 0,232 | -0,16 | -40,26% | here |
| 2.A.3 | 0,62 | 0,62 | 0,00 | 0,26% | here |
| 2.G | 0,001431 | 0,001426 | -0,000004 | -0,31% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,053 | 0,053 | 0,000 | 0,00% | |
| NFR 6 - Other | NA | | | | |