

Recalculations - Dioxines & Furanes (PCDD/F)

The small changes within the **National Total** reported for **1990 (-1.05 g or -0.13 %)** are dominated by revisions in NFRs **1.A.3.d ii with -0.80 g** and **1.A.3.b i with -0.25g** together with several small changes throughout **NFR 1.A.**

The most significant percental change occurs for **NFR 1.A.3.d ii with plus 74 %**.

Table 1: Changes of emission estimates 1990

| NFR Sector | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|--|
| | [g] | | | relative | |
| NATIONAL TOTAL | 814,95 | 813,90 | -1,05 | -0,13% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 523,57 | 522,52 | -1,05 | -0,20% | sub-category chapters |
| 1.A.2.g vii | 0,0818 | 0,0819 | 0,0001 | 0,17% | here |
| 1.A.3.b i | 14,59 | 14,84 | 0,25 | 1,68% | here |
| 1.A.3.b ii | 0,24 | 0,25 | 0,01 | 3,85% | here |
| 1.A.3.b iv | 0,51 | 0,50 | -0,01 | -2,38% | here |
| 1.A.4.a ii | 0,01271 | 0,01270 | -0,00001 | -0,09% | here |
| 1.A.4.b ii | 0,09394 | 0,09396 | 0,00002 | 0,02% | here |
| 1.A.4.c ii | 0,2685 | 0,2684 | -0,0001 | -0,05% | here |
| 1.A.4.c iii | 0,07 | 0,03 | -0,04 | -53,84% | here |
| 1.A.5.b | 0,18 | 0,13 | -0,04 | -23,46% | here |
| NFR 2 - IPPU | 242,10 | 242,10 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 49,29 | 49,29 | 0,00 | 0,00% | |
| NFR 6 - Other | NA | | | | |

Changes within the **National Total** reported for **2019 (+1.35 g or +1.14 %)** are dominated by a revision in **NFR 1.A.3.b i with +1.23 g**.

However, the most significant percental change occurs for **NFR 1.A.5.b with minus 62 %**.

Table 2: Changes of emission estimates 2019

| NFR Sector | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|-------------|--------------|--|
| | [g] | | | relative | |
| NATIONAL TOTAL | 118,72 | 120,07 | 1,35 | 1,14% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 51,17 | 52,47 | 1,31 | 2,55% | sub-category chapters |
| 1.A.1.a | 4,08 | 4,17 | 0,09 | 2,25% | here |
| 1.A.1.b | 0,015 | 0,0155 | -0,002 | -1,28% | here |
| 1.A.1.c | 0,12 | 0,07 | -0,04 | -36,40% | here |
| 1.A.2.a | 0,0232 | 0,0245 | 0,0013 | 5,54% | here |
| 1.A.2.g vii | 0,08359 | 0,08357 | -0,00002 | -0,03% | here |
| 1.A.2.g viii | 1,215 | 1,195 | -0,019 | -1,60% | here |
| 1.A.3.b i | 7,05 | 8,28 | <u>1,23</u> | 17,42% | here |
| 1.A.3.b ii | 0,842 | 0,846 | 0,005 | 0,55% | here |
| 1.A.3.b iii | 0,3841 | 0,3844 | 0,0002 | 0,06% | here |
| 1.A.3.b iv | 0,34 | 0,53 | 0,20 | 58,76% | here |
| 1.A.3.c | 0,021 | 0,024 | 0,003 | 12,93% | here |
| 1.A.3.d ii | 2,04 | 1,97 | -0,07 | -3,47% | here |
| 1.A.4.a i | 18,32 | 18,22 | -0,11 | -0,57% | here |
| 1.A.4.a ii | 0,00989 | 0,00990 | 0,00002 | 0,18% | here |
| 1.A.4.b i | 14,65 | 14,67 | 0,03 | 0,17% | here |
| 1.A.4.b ii | 0,071 | 0,073 | 0,002 | 2,64% | here |
| 1.A.4.c i | 1,497 | 1,494 | -0,003 | -0,20% | here |
| 1.A.4.c ii | 0,196 | 0,194 | -0,002 | -0,89% | here |
| 1.A.4.c iii | 0,05 | 0,03 | -0,02 | -37,07% | here |

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|-------------|-----------------|--|
| NFR Sector | [g] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 118,72 | 120,07 | 1,35 | 1,14% | sub-category chapters |
| NFR 1 - Energy | 51,17 | 52,47 | 1,31 | 2,55% | sub-category chapters |
| 1.A.5.a | 0,09 | 0,14 | 0,05 | 54,09% | here |
| 1.A.5.b | 0,06 | 0,02 | -0,04 | -62,20% | here |
| 1.B.1.b | 0,016 | 0,018 | 0,002 | 9,50% | here |
| NFR 2 - IPPU | 19,72 | 19,72 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 47,83 | 47,88 | 0,05 | 0,10% | sub-category chapters |
| 5.C.2 | 3,15 | 3,20 | 0,05 | 1,44% | here |
| NFR 6 - Other | NA | | | | |