

Recalculations - Dioxines & Furanes (PCDD/F)

The small changes within the **National Total** reported for **1990 (-1.05 g or -0.13 %)** result from 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

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [t] | | absolute | relative | see description and reasoning in: |
| NATIONAL TOTAL | 814,95 | 813,90 | -1,05 | -0,13% | sub-category chapters |
| NFR 1 - Energy | 523,57 | 522,52 | -1,05 | -0,20% | sub-category chapters |
| 1.A.3.b i | 14,84 | 14,59 | -0,25 | -1,66% | here |
| 1.A.3.b ii | 0,25 | 0,24 | -0,01 | -3,71% | here |
| 1.A.3.b iv | 0,50 | 0,51 | 0,01 | 2,44% | here |
| 1.A.3.c | 0,08 | 0,14 | 0,06 | 74,04% | here |
| 1.A.3.d ii | 4,56 | 3,77 | -0,80 | -17,43% | here |
| 1.A.4.b ii | 0,092 | 0,094 | 0,002 | 2,61% | 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 changes in **NFRs 1.A.4.a i and 1.A.4.b i**.

However, the most significant relative change occurs for **NFR 2.G with minus 50 %**.

Table 2: Changes of emission estimates 2019

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|-------------|--------------|-----------------------------------|
| NFR Sector | [g] | | absolute | 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.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 | 1,23 | 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 |
| 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% | sub-category chapters |
| NFR 3 - Agriculture | 0,00 | 0,00 | 0,00 | #DIV/0! | sub-category chapters |
| 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 | 0,00 | 0,00 | 0,00 | #DIV/0! | |