

Recalculations - Carbon monoxide (CO)

The small changes in the **National Total** reported for **1990 (+0.33 kt or +0.002 %)** result from revisions in NFR sub-categories **1.A.2.g vii**, **1.A.4.a ii**, and **1.A.4.c ii**.

Table 1: Changes in emission estimates for 1990

| NFR Sector | Submission 2024 | Submission 2025 | Difference | | Reasoning |
|----------------------------|------------------|------------------|-------------|---------------|--|
| | [kt] | | | relative | |
| NATIONAL TOTAL | 13,320.20 | 13,320.53 | 0.33 | 0.002% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 12,050.36 | 12,050.69 | 0.33 | 0.003% | sub-category chapters |
| 1.A.2.g vii | 74.39 | 73.97 | -0.43 | -0.57% | here |
| 1.A.4.a ii | 6.17 | 6.05 | -0.13 | -2.05% | here |
| 1.A.4.c ii | 110.83 | 111.72 | 0.88 | 0.80% | here |
| NFR 2 - IPPU | 1,248.77 | 1,248.77 | 0.00 | 0.00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 21.08 | 21.08 | 0.00 | 0.00% | |
| NFR 6 - Other | NA | | | | |

The small changes in the **National Total** reported for **2021 (+9.9 kt or +0.38 %)** are dominated by partly opposing revisions within NFRs **1.A.2.g vii** (+39.42 kt), **1.A.3.b i** (-18.7 kt), **1.A.4.c ii** (+18.8 kt) and **2.C.3** (-30.5 kt).

Here, the most significant percental changes occur for NFRs **1.A.3.d ii** with plus 120 % and **1.B.1.b** with minus 96 %.

Table 2: Changes in emission estimates for 2021

| NFR Sector | Submission 2024 | Submission 2025 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|--------------|--|
| | [kt] | | | relative | |
| NATIONAL TOTAL | 2,539,17 | 2,568,11 | 28,94 | 1,14% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 1,799,87 | 1,828,53 | 28,66 | 1,59% | sub-category chapters |
| 1.A.1.a | 94,69 | 94,23 | -0,46 | -0,49% | here |
| 1.A.1.b | 2,08 | 1,59 | -0,49 | -23,66% | here |
| 1.A.1.c | 11,51 | 11,44 | -0,07 | -0,63% | here |
| 1.A.2.a | 32,51 | 30,84 | -1,67 | -5,14% | here |
| 1.A.2.b | 0,123 | 0,126 | 0,003 | 2,59% | here |
| 1.A.2.e | 0,082 | 0,085 | 0,003 | 3,79% | here |
| 1.A.2.f | 1,61 | 1,32 | -0,29 | -18,25% | here |
| 1.A.2.g vii | 177,09 | 188,15 | 11,06 | 6,24% | here |
| 1.A.2.g viii | 18,63 | 16,93 | -1,71 | -9,16% | here |
| 1.A.3.a i(i) | 4,29 | 4,30 | 0,01 | 0,22% | here |
| 1.A.3.a ii(i) | 2,26634 | 2,26647 | 0,00013 | 0,01% | here |
| 1.A.3.b i | 638,00 | 639,47 | 1,47 | 0,23% | here |
| 1.A.3.b ii | 38,73 | 38,76 | 0,03 | 0,08% | here |
| 1.A.3.b iii | 28,95 | 29,33 | 0,39 | 1,33% | here |
| 1.A.3.b iv | 62,60 | 61,28 | -1,32 | -2,11% | here |
| 1.A.3.c | 1,142 | 1,146 | 0,004 | 0,34% | here |
| 1.A.3.d ii | 6,97 | 6,91 | -0,05 | -0,77% | here |
| 1.A.4.a i | 48,25 | 46,86 | -1,39 | -2,89% | here |
| 1.A.4.a ii | 1,54 | 1,37 | -0,18 | -11,43% | here |
| 1.A.4.b i | 434,82 | 461,62 | 26,80 | 6,16% | here |
| 1.A.4.b ii | 80,65 | 82,75 | 2,09 | 2,60% | here |
| 1.A.4.c i | 15,60 | 15,73 | 0,13 | 0,84% | here |
| 1.A.4.c ii | 84,69 | 78,76 | -5,94 | -7,01% | here |
| 1.A.4.c iii | 0,02 | 0,02 | 0,00 | 0,00% | here |
| 1.A.5.a | 1,617 | 1,617 | 0,00 | 0,00% | here |

| | Submission 2024 | Submission 2025 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|-----------------|--|
| NFR Sector | [kt] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 2.539,17 | 2.568,11 | 28,94 | 1,14% | sub-category chapters |
| NFR 1 - Energy | 1.799,87 | 1.828,53 | 28,66 | 1,59% | sub-category chapters |
| 1.A.5.b | 10,358 | 10,605 | 0,25 | 2,38% | here |
| NFR 2 - IPPU | 723,337 | 723,612 | 0,27 | 0,04% | sub-category chapters |
| 2.A.2 | 11,23 | 11,47 | 0,24 | 2,13% | here |
| 2.A.3 | 0,51 | 0,55 | 0,03 | 6,57% | here |
| 2.G | 11,939 | 11,940 | 0,001 | 0,01% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 15,97 | 15,97 | 0,00 | 0,00% | |
| 5.C.1.b v | 0,11 | 0,11 | 0,00 | 0,00% | here |
| 5.C.1.b vi | NA | NA | #WERT! | #WERT! | |
| 5.C.2 | 15,86 | 15,86 | 0,00 | 0,00% | here |
| 5.D.1 | NA NA | #WERT! #WERT! | | | here |
| 5.D.2 | NA | NA | #WERT! | #WERT! | here |
| 5.D.3 | NO | NO | #WERT! | #WERT! | |
| 5.E | NE | NE | #WERT! | #WERT! | here |
| NFR 6 - Other | 0,00 | 0,00 | 0,00 | #DIV/0! | |