

Recalculations - Zinc (Zn)

The small changes in the **National Total reported for 1990 (-0.8 t | -0.17 %)** result from a variety of revisions throughout **NFR 1 and in NFR 2.G**.

Table 1: Changes in emission estimates for 1990

| NFR Sector | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|---|
| | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 474,59 | 474,15 | -0,44 | -0,09% | sub-category chapters |
| NFR 1 - Energy | 387,74 | 387,46 | -0,28 | -0,07% | sub-category chapters |
| 1.A.1.a | 116,166 | 116,166 | 0,00 | 0,00% | here |
| 1.A.1.b | 3,980 | 3,980 | 0,00 | 0,00% | here |
| 1.A.1.c | 97,774 | 97,774 | 0,00 | 0,00% | here |
| 1.A.2.a | NE | NE | #WERT! | #WERT! | here |
| 1.A.2.b | NE | NE | #WERT! | #WERT! | here |
| 1.A.2.c | IE | IE | #WERT! | #WERT! | here |
| 1.A.2.d | IE | IE | #WERT! | #WERT! | here |
| 1.A.2.e | NE | NE | #WERT! | #WERT! | here |
| 1.A.2.f | IE | IE | #WERT! | #WERT! | here |
| 1.A.2.g vii | 0,0212 | 0,0212 | 0,0000 | 0,00% | here |
| 1.A.2.g viii | 46,336 | 46,336 | 0,00 | 0,00% | here |
| 1.A.3.a i(i) | 0,000 | 0,00001 | 0,00001 | | here |
| 1.A.3.a ii(i) | 0,0003 | 0,0002 | -0,0001 | -33,33% | here |
| 1.A.3.b i | 1,076 | 1,076 | 0,000 | 0,00% | here |
| 1.A.3.b ii | 0,03 | 0,03 | 0,00 | 0,00% | here |
| 1.A.3.b iii | 0,19 | 0,19 | 0,00 | 0,00% | here |
| 1.A.3.b iv | 0,016 | 0,016 | 0,000 | 0,00% | here |
| 1.A.3.b v | NA | NA | #WERT! | #WERT! | here |
| 1.A.3.b vi | 94,21 | 94,21 | 0,00 | 0,00% | here |
| 1.A.3.b vii | 0,907 | 0,907 | 0,00 | 0,00% | here |
| 1.A.3.c | 0,906 | 0,917 | 0,01 | 1,27% | here |
| 1.A.3.d i(ii) | IE | IE | #WERT! | #WERT! | |
| 1.A.3.d ii | 1,275 | 1,002 | -0,27 | -21,38% | here |
| 1.A.3.e i | NA | NA | #WERT! | #WERT! | 1.A.3.e i - Pipeline Transport] |
| 1.A.3.e ii | NA | NA | #WERT! | #WERT! | 1.A.3.e ii - Other Transport: Other] |
| 1.A.4.a i | 2,507 | 2,507 | 0,00 | 0,00% | here |
| 1.A.4.a ii | 0,00329 | 0,00329 | 0,00000 | 0,00% | here |
| 1.A.4.b i | 18,179 | 18,179 | 0,00 | 0,00% | here |
| 1.A.4.b ii | 0,325 | 0,334 | 0,01 | 2,78% | here |
| 1.A.4.c i | 3,098 | 3,098 | 0,00 | 0,00% | here |
| 1.A.4.c ii | 0,6653 | 0,6653 | 0,0000 | 0,00% | here |
| 1.A.4.c iii | 0,021 | 0,009 | -0,01 | -53,83% | here |
| 1.A.5.a | NE | NE | #WERT! | #WERT! | here |
| 1.A.5.b | 0,050 | 0,038 | -0,01 | -24,61% | here |
| 1.B.1.a | NA | NA | #WERT! | #WERT! | here |
| 1.B.1.b | NA | NA | #WERT! | #WERT! | here |
| 1.B.1.c | NA | NA | #WERT! | #WERT! | here |
| 1.B.2.a i | NA | NA | #WERT! | #WERT! | |
| 1.B.2.a iv | NA | NA | #WERT! | #WERT! | |
| 1.B.2.a v | NA | NA | #WERT! | #WERT! | |
| 1.B.2.b | NA | NA | #WERT! | #WERT! | |
| 1.B.2.c | NA | NA | #WERT! | #WERT! | |
| 1.B.2.d | NA | NA | #WERT! | #WERT! | |
| NFR 2 - IPPU | 86,85 | 86,69 | -0,16 | -0,19% | sub-category chapters |

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 474,59 | 474,15 | -0,44 | -0,09% | sub-category chapters |
| NFR 1 - Energy | 387,74 | 387,46 | -0,28 | -0,07% | sub-category chapters |
| 2.A.1 | NE | NE | #WERT! | #WERT! | here |
| 2.A.2 | NA | NA | #WERT! | #WERT! | here |
| 2.A.3 | NA | NA | #WERT! | #WERT! | here |
| 2.A.5.a | NA | NA | #WERT! | #WERT! | here |
| 2.A.5.b | NA | NA | #WERT! | #WERT! | here |
| 2.A.5.c | NA | NA | #WERT! | #WERT! | here |
| 2.A.6 | NA | NA | #WERT! | #WERT! | here |
| 2.B.1 | NA | NA | #WERT! | #WERT! | here |
| 2.B.2 | NA | NA | #WERT! | #WERT! | here |
| 2.B.3 | NA | NA | #WERT! | #WERT! | here |
| 2.B.5 | NA | NA | #WERT! | #WERT! | here |
| 2.B.6 | NA | NA | #WERT! | #WERT! | here |
| 2.B.7 | NA | NA | #WERT! | #WERT! | here |
| 2.B.10.a | NA | NA | #WERT! | #WERT! | here |
| 2.B.10.b | NA | NA | #WERT! | #WERT! | here |
| 2.C.1 | NA | NE | #WERT! | #WERT! | here |
| 2.C.2 | NA | NA | #WERT! | #WERT! | here |
| 2.C.3 | 9,63 | 9,63 | 0,00 | 0,00% | here |
| 2.C.4 | NE | NE | #WERT! | #WERT! | here |
| 2.C.5 | 0,24 | 0,24 | 0,00 | 0,00% | here |
| 2.C.6 | 31,86 | 31,86 | 0,00 | 0,00% | here |
| 2.C.7.a | 24,09 | 24,09 | 0,00 | 0,00% | here |
| 2.C.7.b | NE | NE | #WERT! | #WERT! | here |
| 2.C.7.c | NA | NA | #WERT! | #WERT! | here |
| 2.C.7.d | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.a | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.b | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.c | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.d | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.e | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.f | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.g | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.h | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.i | NA | NA | #WERT! | #WERT! | here |
| 2.G | 21,05 | 20,88 | -0,16 | -0,78% | here |
| NFR 3 - Agriculture | | NA | | | |
| NFR 5 - Waste | | NA | | | |
| NFR 6 - Other | | NA | | | |

The negligibly small changes in the **National Total reported for 2018 (-0.2 t | -0.06 %)** result from a variety of revisions throughout **NFR 1 and in NFR 2.G**.

Table 1: Changes in emission estimates for 2018

| | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | | [t] | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 292,95 | 292,77 | -0,18 | -0,06% | sub-category chapters |
| NFR 1 - Energy | 234,71 | 235,92 | 1,22 | 0,52% | sub-category chapters |
| 1.A.1.a | 6,91 | 6,94 | 0,03 | 0,42% | here |
| 1.A.1.b | 3,745 | 3,282 | -0,46 | -12,37% | here |
| 1.A.1.c | 0,0356 | 0,0392 | 0,0036 | 10,09% | here |
| 1.A.2.g vii | 0,0203 | 0,0217 | 0,0014 | 6,99% | here |
| 1.A.2.g viii | 0,53 | 0,52 | -0,01 | -1,61% | here |

| | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 292,95 | 292,77 | -0,18 | -0,06% | sub-category chapters |
| NFR 1 - Energy | 234,71 | 235,92 | 1,22 | 0,52% | sub-category chapters |
| 1.A.3.a i(i) | NE | 0,00001 | 0,00001 | | here |
| 1.A.3.a ii(i) | 0,0003 | 0,0002 | -0,0001 | -36,34% | here |
| 1.A.3.b i | 0,80 | 0,81 | 0,01 | 1,15% | here |
| 1.A.3.b ii | 0,0694 | 0,0700 | 0,0005 | 0,78% | here |
| 1.A.3.b iii | 0,28 | 0,27 | -0,01 | -3,34% | here |
| 1.A.3.b iv | 0,0142 | 0,0140 | -0,0002 | -1,19% | here |
| 1.A.3.b vi | 137,29 | 137,13 | -0,16 | -0,12% | here |
| 1.A.3.b vii | 1,329 | 1,325 | -0,004 | -0,28% | here |
| 1.A.3.c | 0,262 | 0,226 | -0,036 | -13,68% | here |
| 1.A.3.d ii | 0,61 | 0,64 | 0,03 | 5,08% | here |
| 1.A.4.a i | 28,87 | 25,39 | -3,48 | -12,06% | here |
| 1.A.4.a ii | 0,0030 | 0,0026 | -0,0005 | -15,33% | here |
| 1.A.4.b i | 51,99 | 57,27 | 5,28 | 10,17% | here |
| 1.A.4.b ii | 0,21 | 0,20 | -0,01 | -4,69% | here |
| 1.A.4.c i | 1,2863 | 1,2867 | 0,0004 | 0,03% | here |
| 1.A.4.c ii | 0,37 | 0,40 | 0,03 | 8,52% | here |
| 1.A.4.c iii | 0,069 | 0,071 | 0,002 | 3,02% | here |
| 1.A.5.b | 0,0138 | 0,0142 | 0,0004 | 2,56% | here |
| NFR 2 - IPPU | 58,24 | 56,85 | -1,40 | -2,40% | sub-category chapters |
| 2.G | 32,46 | 31,06 | -1,40 | -4,31% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |