

# Recalculations - Mercury (Hg)

The marginally small changes within the **National Total** reported for **1990 (+0.016 t or +0.05 %)** result almost entirely from **newly implemented emission estimates in NFRs 1.B.2.a.i and 1.B.2.b**. The **re-allocation of emissions within NFR 1.A.3.b** has no effect on the National Totals.

The most significant percental change occurs for NFR **1.A.3.b. ii** with plus 25 %.

Table 1: Changes of emission estimates 1990

|                            | Submission 2022 | Submission 2023 | Difference   |              | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|--------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |              | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>35,51</b>    | <b>35,53</b>    | <b>0,016</b> | <b>0,05%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>26,45</b>    | <b>26,46</b>    | <b>0,016</b> | <b>0,06%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,00622         | 0,00623         | 0,00001      | 0,17%        | <a href="#">here</a>              |
| 1.A.3.b i                  | 0,2868          | 0,2873          | 0,0004       | 0,14%        | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0,0088          | 0,0110          | 0,0022       | 25,13%       | <a href="#">here</a>              |
| 1.A.3.b iii                | 0,0567          | 0,0539          | -0,0028      | -4,87%       | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0,0043          | 0,0045          | 0,0001       | 2,99%        | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,000968        | 0,000967        | -0,000001    | -0,09%       | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,00751         | 0,00750         | -0,00001     | -0,13%       | <a href="#">here</a>              |
| 1.B.2.a i                  | NA              | 0,004           | 0,004        |              |                                   |
| 1.B.2.b                    | NA              | 0,012           | 0,012        |              |                                   |
| <b>NFR 2 - IPPU</b>        | <b>9,033</b>    | <b>9,033</b>    | <b>0,000</b> | <b>0,00%</b> |                                   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |              |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,035</b>    | <b>0,035</b>    | <b>0,00</b>  | <b>0,00%</b> |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |              |                                   |

The changes within the **National Total** reported for **2020 (-0.12 t or -1.10 %)** result from several changes throughout **NFRs 1 and 2** that more or less cancel out each other.

The most significant percental change, occuring in NFR 1.A.3.b iii (minus 66 %), not affecting the National Total, results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

|                       | Submission 2022 | Submission 2023 | Difference   |               | Reasoning                         |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector            | [t]             |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>6,29</b>     | <b>6,00</b>     | <b>-0,29</b> | <b>-4,60%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b> | <b>4,50</b>     | <b>4,14</b>     | <b>-0,36</b> | <b>-8,03%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a               | 3,14            | 2,77            | -0,37        | -11,76%       | <a href="#">here</a>              |
| 1.A.1.b               | 0,237           | 0,238           | 0,000        | 0,16%         | <a href="#">here</a>              |
| 1.A.1.c               | 0,1436          | 0,1203          | -0,0233      | -16,26%       | <a href="#">here</a>              |
| 1.A.2.a               | 0,00120         | 0,00121         | 0,00000      | 0,33%         | <a href="#">here</a>              |
| 1.A.2.g vii           | 0,006601        | 0,006840        | 0,000239     | 3,62%         | <a href="#">here</a>              |
| 1.A.2.g viii          | 0,294           | 0,372           | 0,078        | 26,44%        | <a href="#">here</a>              |
| 1.A.3.a i(i)          | 0,000000192     | 0,000000191     | -0,000000001 | -0,42%        | <a href="#">here</a>              |
| 1.A.3.a ii(i)         | 0,000004949     | 0,000004951     | 0,000000002  | 0,03%         | <a href="#">here</a>              |
| 1.A.3.b i             | 0,1972          | 0,1975          | 0,0003       | 0,18%         | <a href="#">here</a>              |
| 1.A.3.b ii            | 0,0205          | 0,0211          | 0,0005       | 2,54%         | <a href="#">here</a>              |
| 1.A.3.b iii           | 0,08            | 0,03            | -0,05        | -65,91%       | <a href="#">here</a>              |
| 1.A.3.b iv            | 0,00378         | 0,00382         | 0,00004      | 1,11%         | <a href="#">here</a>              |
| 1.A.3.c               | 0,0032          | 0,0033          | 0,0001       | 2,68%         | <a href="#">here</a>              |
| 1.A.4.a i             | 0,046           | 0,047           | 0,001        | 3,06%         | <a href="#">here</a>              |
| 1.A.4.a ii            | 0,00077         | 0,00078         | 0,00001      | 0,89%         | <a href="#">here</a>              |
| 1.A.4.b i             | 0,287           | 0,283           | -0,004       | -1,41%        | <a href="#">here</a>              |
| 1.A.4.b ii            | 0,0008          | 0,0007          | -0,0002      | -21,39%       | <a href="#">here</a>              |

|                            | Submission 2022 | Submission 2023 | Difference   |               | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>6,29</b>     | <b>6,00</b>     | <b>-0,29</b> | <b>-4,60%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>4,50</b>     | <b>4,14</b>     | <b>-0,36</b> | <b>-8,03%</b> | <b>sub-category chapters</b>      |
| 1.A.4.c i                  | 0,00278         | 0,00275         | -0,00003     | -1,20%        | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,0078          | 0,0080          | 0,0002       | 2,27%         | <a href="#">here</a>              |
| 1.A.5.a                    | 0,00056         | 0,00057         | 0,00002      | 2,90%         | <a href="#">here</a>              |
| 1.B.1.b                    | 0,014           | 0,014           | -0,001       | -3,57%        | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>1,7387</b>   | <b>1,8109</b>   | <b>0,07</b>  | <b>4,15%</b>  | <b>sub-category chapters</b>      |
| 2.A.1                      | 0,55            | 0,66            | 0,11         | 19,82%        | <a href="#">here</a>              |
| 2.A.2                      | 0,01            | 0,01            | 0,00         | 0,00%         | <a href="#">here</a>              |
| 2.B.10.a                   | 0,07            | 0,03            | -0,04        | -52,92%       | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |               |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,05</b>     | <b>0,05</b>     | <b>0,00</b>  | <b>0,00%</b>  |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |               |                                   |