

## Recalculations - Lead (Pb)

The atomically small changes within the **National Total** reported for **1990 (-0.0003 t | -0.00001 %)** result from a variety of revisions throughout NFRs 1. Here, the **re-allocation** of emissions **from NFR 1.A.3.b i (-8.3 t) to 1.A.3.b ii (+7.7 t)** and **1.A.3.b iv (+0.6 t)** has no effect on the National Totals.

The most significant percental change occurs for NFR **1.A.3.b. ii** with plus 23 %.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>1.899,1933</b>	<b>1.899,1930</b>	<b>-0,0003</b>	<b>-0,00001%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>1.499,0004</b>	<b>1.499,0002</b>	<b>-0,0003</b>	<b>-0,00002%</b>	sub-category chapters
1.A.2.g vii	2,0890	2,0893	0,0002	0,01%	<a href="#">here</a>
1.A.3.b i	1.225,20	1.216,92	-8,28	-0,68%	<a href="#">here</a>
1.A.3.b ii	34,15	41,84	7,69	22,52%	<a href="#">here</a>
1.A.3.b iii	0,0053	0,0051	-0,0003	-4,87%	<a href="#">here</a>
1.A.3.b iv	26,29	26,88	0,59	2,26%	<a href="#">here</a>
1.A.4.a ii	0,00	0,00	0,00	-0,09%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>400,05</b>	<b>400,05</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,15</b>	<b>0,15</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The negligibly small changes within the **National Total** reported for **2020 (-0.04 t or -0.03 %)** result from several changes throughout **NFRs 1 and 2** that more or less cancel out each other.

The most significant percental change, occurring in NFR 1.A.3.b iii (minus 65 %), results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>142,64</b>	<b>142,60</b>	<b>-0,04</b>	<b>-0,03%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>77,62</b>	<b>77,73</b>	<b>0,11</b>	<b>0,15%</b>	sub-category chapters
1.A.1.a	5,87	5,84	-0,04	-0,61%	<a href="#">here</a>
1.A.1.b	4,85	4,69	-0,16	-3,34%	<a href="#">here</a>
1.A.1.c	0,081	0,075	-0,006	-7,26%	<a href="#">here</a>
1.A.2.g vii	0,000682	0,000719	0,000038	5,54%	<a href="#">here</a>
1.A.2.g viii	0,492	0,676	0,18	37,48%	<a href="#">here</a>
1.A.3.a i(i)	0,01	0,01	0,00	-0,42%	<a href="#">here</a>
1.A.3.a ii(i)	0,23	0,23	0,00	0,03%	<a href="#">here</a>
1.A.3.b i	0,02988	0,02989	0,00000	0,01%	<a href="#">here</a>
1.A.3.b ii	0,00205	0,00211	0,00006	3,16%	<a href="#">here</a>
1.A.3.b iii	0,00733	0,00250	-0,00483	-65,91%	<a href="#">here</a>
1.A.3.b iv	0,00069	0,00070	0,00001	1,11%	<a href="#">here</a>
1.A.3.b vi	43,95	43,77	-0,19	-0,43%	<a href="#">here</a>
1.A.3.b vii	0,05746	0,05743	-0,00003	-0,05%	<a href="#">here</a>
1.A.3.c	0,083	0,084	0,001	0,93%	<a href="#">here</a>
1.A.4.a i	17,77	18,15	0,38	2,14%	<a href="#">here</a>
1.A.4.a ii	0,0000726	0,0000733	0,0000006	0,89%	<a href="#">here</a>
1.A.4.b i	4,08	4,02	-0,06	-1,35%	<a href="#">here</a>
1.A.4.b ii	0,00017	0,00013	-0,00004	-21,39%	<a href="#">here</a>
1.A.4.c i	0,05960	0,05960	-0,00001	-0,01%	<a href="#">here</a>
1.A.4.c ii	0,000812	0,000847	0,000035	4,35%	<a href="#">here</a>

	Submission 2022	Submission 2023	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>142,64</b>	<b>142,60</b>	<b>-0,04</b>	<b>-0,03%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>77,62</b>	<b>77,73</b>	<b>0,11</b>	<b>0,15%</b>	<b>sub-category chapters</b>
<b>NFR 2 - IPPU</b>	<b>64,97</b>	<b>64,82</b>	<b>-0,15</b>	<b>-0,24%</b>	<b>sub-category chapters</b>
2.A.1	0,388	0,232	-0,16	-40,26%	<a href="#">here</a>
2.A.3	0,62	0,62	0,00	0,26%	<a href="#">here</a>
2.G	0,001431	0,001426	-0,000004	-0,31%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,053</b>	<b>0,053</b>	<b>0,000</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				