

## 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 2021	Submission 2022	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 changes within the **National Total** reported for **2019 (-3.1 t or -1.92 %)** are dominated by changes in **NFR 1.A.3.a ii(i) with -1.82 t** and **NFR 2.A.3 with -1.04 t** together with more or less significant revisions throughout NFRs 1, 2 and 5.

The most significant percental changes occur for **NFRs 1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 2: Changes of emission estimates 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>160,78</b>	<b>157,69</b>	<b>-3,09</b>	<b>-1,92%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>86,13</b>	<b>84,08</b>	<b>-2,05</b>	<b>-2,38%</b>	sub-category chapters
1.A.1.a	6,84	6,88	0,04	0,64%	<a href="#">here</a>
1.A.1.b	5,13	4,96	-0,17	-3,22%	<a href="#">here</a>
1.A.1.c	0,081	0,079	-0,002	-2,80%	<a href="#">here</a>
1.A.2.g vii	0,000653	0,000652	-0,000001	-0,17%	<a href="#">here</a>
1.A.2.g viii	0,564	0,546	-0,02	-3,30%	<a href="#">here</a>
1.A.3.a i(i)	0,10	0,02	-0,08	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	2,18	0,35	-1,82	-83,69%	<a href="#">here</a>
1.A.3.b i	0,03363	0,03364	0,00002	0,05%	<a href="#">here</a>
1.A.3.b ii	0,00211	0,00208	-0,00002	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,00759	0,00758	-0,00001	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,00069	0,00068	-0,00001	-1,10%	<a href="#">here</a>
1.A.3.c	0,09	0,10	0,01	7,15%	<a href="#">here</a>
1.A.3.d ii	0,05	0,04	-0,01	-16,78%	<a href="#">here</a>
1.A.4.a ii	0,0000710	0,0000712	0,0000001	0,18%	<a href="#">here</a>
1.A.4.b i	4,299	4,300	0,001	0,02%	<a href="#">here</a>
1.A.4.b ii	0,00017	0,00018	0,00001	4,29%	<a href="#">here</a>
1.A.4.c ii	0,000752	0,000752	-0,000001	-0,07%	<a href="#">here</a>
1.A.4.c iii	0,0015	0,0010	-0,0006	-37,07%	<a href="#">here</a>
1.A.5.b	0,002	0,001	-0,001	-54,40%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>74,55</b>	<b>73,50</b>	<b>-1,04</b>	<b>-1,40%</b>	sub-category chapters
2.A.3	1,68	0,64	-1,04	-62,00%	<a href="#">here</a>

	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>160,78</b>	<b>157,69</b>	<b>-3,09</b>	<b>-1,92%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>86,13</b>	<b>84,08</b>	<b>-2,05</b>	<b>-2,38%</b>	<b>sub-category chapters</b>
2.G	0,0014	0,0016	0,0002	12,10%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				<b>sub-category chapters</b>
<b>NFR 5 - Waste</b>	<b>0,111</b>	<b>0,112</b>	<b>0,001</b>	<b>1,32%</b>	<b>sub-category chapters</b>
5.C.2	0,101	0,102	0,001	1,44%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				