

## Recalculations - Lead (Pb)

The marginally small changes within the **National Total** reported for **1990 (+0.08 t or +0.004 %)** are dominated by revisions in **NFRs 1.A.3.a i(i) and 1.A.3.a i(ii)** where leaded avgas is applied.

Here, the most significant percental change occurs for NFR **1.A.3.a i(i) with minus 62 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>1,899.19</b>	<b>1,899.27</b>	<b>0.08</b>	<b>0.004%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>1,499.00</b>	<b>1,499.08</b>	<b>0.08</b>	<b>0.005%</b>	sub-category chapters
1.A.2.g vii	2.0893	2.0891	-0.0002	-0.01%	<a href="#">here</a>
1.A.3.a i(i)	0.16	0.06	-0.10	-62.4%	<a href="#">here</a>
1.A.3.a ii(i)	2.33	2.50	0.18	7.61%	<a href="#">here</a>
1.A.3.c	0.2468	0.2470	0.0002	0.07%	<a href="#">here</a>
1.A.4.a ii	0.00009	0.00008	-0.00001	-12.7%	<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>0.1475</b>	<b>0.1469</b>	<b>-0.0006</b>	<b>-0.39%</b>	sub-category chapters
5.E	0.0095	0.0089	-0.0006	-6.07%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				

The small changes within the **National Total** reported for **2021 (+0.82 kt or +0.53 %)** are dominated by a handful of **stronger revisions in NFR 1** with the biggest change occurring for NFR sub-category **1.A.4.a i with plus 0.44 kt** together with a variety of less significant revisions throughout NFRs 1, 2, 3 and 5.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous submission.

Table 2: Changes of emission estimates 2021

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>154.45</b>	<b>155.27</b>	<b>0.82</b>	<b>0.53%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>82.06</b>	<b>82.88</b>	<b>0.82</b>	<b>1.00%</b>	sub-category chapters
1.A.1.a	6.66	6.71	0.06	0.83%	<a href="#">here</a>
1.A.1.b	4.84	5.12	0.28	5.87%	<a href="#">here</a>
1.A.1.c	0.068	0.074	0.005	7.39%	<a href="#">here</a>
1.A.2.g vii	0.00071	0.00055	-0.00016	-22.3%	<a href="#">here</a>
1.A.2.g viii	0.56	0.53	-0.03	-5.92%	<a href="#">here</a>
1.A.3.a i(i)	0.024	0.023	-0.001	-5.24%	<a href="#">here</a>
1.A.3.a ii(i)	0.3028	0.3030	0.0002	0.07%	<a href="#">here</a>
1.A.3.b i	0.03022	0.03018	-0.00004	-0.13%	<a href="#">here</a>
1.A.3.b ii	0.00230	0.00227	-0.00004	-1.62%	<a href="#">here</a>
1.A.3.b iii	0.003	0.007	0.004	130%	<a href="#">here</a>
1.A.3.b iv	0.000639	0.000646	0.000007	1.02%	<a href="#">here</a>
1.A.3.b vi	44.21	44.27	0.06	0.15%	<a href="#">here</a>
1.A.3.b vii	0.05797	0.05799	0.00002	0.03%	<a href="#">here</a>
1.A.3.d ii	0.040	0.042	0.002	4.60%	<a href="#">here</a>
1.A.4.a i	20.45	20.89	0.44	2.14%	<a href="#">here</a>
1.A.4.a ii	0.000071	0.000075	0.000004	6.02%	<a href="#">here</a>
1.A.4.b i	4.6614	4.6615	0.0001	0.003%	<a href="#">here</a>
1.A.4.b ii	0.000129	0.000135	0.000006	4.60%	<a href="#">here</a>
1.A.4.c i	0.0685	0.0687	0.0002	0.27%	<a href="#">here</a>

	Submission 2023	Submission 2024	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>154.45</b>	<b>155.27</b>	<b>0.82</b>	<b>0.53%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>82.06</b>	<b>82.88</b>	<b>0.82</b>	<b>1.00%</b>	<b>sub-category chapters</b>
1.A.4.c ii	0.00085	0.00110	0.00025	29.5%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>72.3353</b>	<b>72.3358</b>	<b>0.00048</b>	<b>0.001%</b>	<b>sub-category chapters</b>
2.A.3	0.64401	0.64446	0.00045	0.07%	<a href="#">here</a>
2.G	0.00141	0.00144	0.00003	1.88%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.0527</b>	<b>0.0521</b>	<b>-0.0006</b>	<b>-1.09%</b>	<b>sub-category chapters</b>
5.E	0.0097	0.0092	-0.0006	-5.92%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				