

## Recalculations - Dioxines & Furanes (PCDD/F)

The significant changes within the **National Total** reported for **1990 (-9 g or -1.11 %)** are by far dominated by a **revision in NFR 5.E (-9.04 g)** together with several **smaller changes throughout NFR 1.A**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[g]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>814.14</b>	<b>805.10</b>	<b>-9.04</b>	<b>-1.11%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>522.7609</b>	<b>522.7612</b>	<b>0.0003</b>	<b>0.000001</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.08	0.06	-0.02	-28.0%	<a href="#">here</a>
1.A.4.a ii	0.013	0.011	-0.002	-12.7%	<a href="#">here</a>
1.A.4.c ii	0.27	0.29	0.02	9.15%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>242.10</b>	<b>242.10</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>49.29</b>	<b>40.25</b>	<b>-9.04</b>	<b>-18.3%</b>	<b>sub-category chapters</b>
<b>NFR 6 - Other</b>	<b>NA</b>				

The significant changes within the **National Total** reported for **2021 (-8.5 g or -7.3 %)** are dominated by a revision in **NFR 5.E (-9.04 g)** together with a variety of less significant changes throughout NFR 1.

The most significant percental change occurs for **NFR 1.A.4.c ii with plus 31 %**.

Table 2: Changes of emission estimates 2021

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[g]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>116.03</b>	<b>107.56</b>	<b>-8.47</b>	<b>-7.30%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>52.43</b>	<b>53.00</b>	<b>0.57</b>	<b>1.09%</b>	<b>sub-category chapters</b>
1.A.1.a	3.88	3.89	0.01	0.35%	<a href="#">here</a>
1.A.1.b	0.01299	0.01296	-0.00003	-0.23%	<a href="#">here</a>
1.A.1.c	0.050	0.054	0.004	7.17%	<a href="#">here</a>
1.A.2.a	0.0234	0.0225	-0.0009	-3.76%	<a href="#">here</a>
1.A.2.g vii	0.089	0.064	-0.025	-28.2%	<a href="#">here</a>
1.A.2.g viii	1.29	1.16	-0.12	-9.60%	<a href="#">here</a>
1.A.3.b i	4.99044	4.99038	-0.00006	-0.001%	<a href="#">here</a>
1.A.3.b ii	0.623184	0.623191	0.000007	0.001%	<a href="#">here</a>
1.A.3.b iii	0.23	0.25	0.02	7.53%	<a href="#">here</a>
1.A.3.b iv	0.2821524004	0.2821523998	-0.0000000006	-0.0000002%	<a href="#">here</a>
1.A.3.c	0.02506	0.02508	0.00002	0.07%	<a href="#">here</a>
1.A.3.d ii	1.80	1.94	0.14	7.86%	<a href="#">here</a>
1.A.4.a i	21.07	21.24	0.17	0.79%	<a href="#">here</a>
1.A.4.a ii	0.0099	0.0105	0.0006	6.02%	<a href="#">here</a>
1.A.4.b i	15.78	16.05	0.28	1.75%	<a href="#">here</a>
1.A.4.b ii	0.054	0.056	0.002	4.60%	<a href="#">here</a>
1.A.4.c i	1.68	1.70	0.02	1.18%	<a href="#">here</a>
1.A.4.c ii	0.26	0.35	0.08	30.6%	<a href="#">here</a>
1.A.4.c iii	0.0246624	0.0246624	0.0000000	0.00%	<a href="#">here</a>
1.A.5.a	0.2263	0.2265	0.0002	0.08%	<a href="#">here</a>
1.A.5.b	0.016781	0.016782	0.000001	0.005%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>17.53</b>	<b>17.53</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>46.07</b>	<b>37.03</b>	<b>-9.04</b>	<b>-19.6%</b>	<b>sub-category chapters</b>

	Submission 2023	Submission 2024	Difference		Reasoning
<b>NFR Sector</b>	<b>[g]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>116.03</b>	<b>107.56</b>	<b>-8.47</b>	<b>-7.30%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>52.43</b>	<b>53.00</b>	<b>0.57</b>	<b>1.09%</b>	<b>sub-category chapters</b>
5.E	44.64	35.60	-9.04	-20.3%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				