

# Recalculations - Polyaromatic Hydrocarbons 1 to 4

With no reportable changes within the **National Total** reported for **1990**, the only notable percental changes occur for NFRs **1.A.2.g vii with -2.10 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 1.20 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>115.67</b>	<b>115.67</b>	<b>0.00</b>	<b>0.00%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>102.40</b>	<b>102.40</b>	<b>0.00</b>	<b>0.00%</b>	sub-category chapters
1.A.2.g vii	0.0998	0.0977	-0.0021	-2.10%	<a href="#">here</a>
1.A.4.a ii	0.0195	0.0191	-0.0004	-2.16%	<a href="#">here</a>
1.A.4.c ii	0.2088	0.2114	0.0025	1.20%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>11.81</b>	<b>11.81</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>1.46</b>	<b>1.46</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The changes in the **National Total** reported for **2021 (+0.58 t or +0.78 %)** result from a **variety of revisions throughout NFR 1** with the **most significant absolute and percental change** occurring in **NFR 1.A.3.b iii (+0.62 t or +130 %)** resulting 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>NFR 1 - Energy</b>	<b>72,51</b>	<b>76,04</b>	<b>3,53</b>	<b>4,87%</b>	see description and reasoning in: sub-category chapters
<b>1.A.1.a</b>	<b>0,0474</b>	<b>0,0471</b>	<b>-0,0003</b>	<b>-0,62%</b>	<a href="#">here</a>
1.A.1.b	0,0043	0,0042	-0,0001	-2,74%	<a href="#">here</a>
1.A.1.c	0,0009	0,0008	-0,0001	-10,23%	<a href="#">here</a>
1.A.2.a	0,00029	0,00030	0,00001	1,97%	<a href="#">here</a>
1.A.2.b	IE	IE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.c	IE	IE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.d	IE	IE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.e	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.f	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.g vii	0,086	0,081	-0,005	-5,63%	<a href="#">here</a>
1.A.2.g viii	0,70	0,65	-0,05	-7,53%	<a href="#">here</a>
1.A.3.a i(i)	0,0000015	0,0000015	0,00	0,00%	<a href="#">here</a>
1.A.3.a ii(i)	0,00002144	0,00002144	0,00	0,00%	<a href="#">here</a>
1.A.3.b i	1,468	1,469	0,001	0,08%	<a href="#">here</a>
1.A.3.b ii	0,237	0,233	-0,004	-1,73%	<a href="#">here</a>
1.A.3.b iii	1,05	1,06	0,01	0,90%	<a href="#">here</a>
1.A.3.b iv	0,0153	0,0149	-0,0004	-2,57%	<a href="#">here</a>
1.A.3.b v	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.A.3.b vi	0,0848	0,0848	0,00	0,00%	<a href="#">here</a>
1.A.3.b vii	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.A.3.c	0,03228	0,03233	0,00005	0,16%	<a href="#">here</a>
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,051	0,050	-0,002	-3,03%	<a href="#">here</a>
1.A.3.e i	NA	NA	#WERT!	#WERT!	<a href="#">1.A.3.e i - Pipeline Transport ]</a>
1.A.3.e ii	NA	NA	#WERT!	#WERT!	<a href="#">1.A.3.e ii - Other Transport: Other ]</a>
1.A.4.a i	8,23	7,92	-0,30	-3,70%	<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>NFR 1 - Energy</b>	<b>72,51</b>	<b>76,04</b>	<b>3,53</b>	<b>4,87%</b>	<b>sub-category chapters</b>
<b>1.A.1.a</b>	<b>0,0474</b>	<b>0,0471</b>	<b>-0,0003</b>	<b>-0,62%</b>	<a href="#">here</a>
1.A.4.a ii	0,016	0,014	-0,003	-16,05%	<a href="#">here</a>
1.A.4.b i	59,42	63,31	3,89	6,55%	<a href="#">here</a>
1.A.4.b ii	0,0072	0,0074	0,0002	2,11%	<a href="#">here</a>
1.A.4.c i	0,595	0,587	-0,008	-1,35%	<a href="#">here</a>
1.A.4.c ii	0,23	0,24	0,01	2,87%	<a href="#">here</a>
1.A.4.c iii	0,0006279	0,0006279	0,00	0,00%	<a href="#">here</a>
1.A.5.a	0,08950	0,08950	0,00	0,00%	<a href="#">here</a>
1.A.5.b	0,0054	0,0061	0,0007	13,74%	<a href="#">here</a>
1.B.1.a	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.B.1.b	0,1363308	0,1363308	0,00	0,00%	<a href="#">here</a>
1.B.1.c	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.B.2.a i	NA	NA	#WERT!	#WERT!	
1.B.2.a iv	NA	NA	#WERT!	#WERT!	
1.B.2.a v	NA	NA	#WERT!	#WERT!	
1.B.2.b	NA	NA	#WERT!	#WERT!	
1.B.2.c	NA	NA	#WERT!	#WERT!	
1.B.2.d	NA	NA	#WERT!	#WERT!	
<b>NFR 2 - IPPU</b>	<b>3,12785</b>	<b>3,12786</b>	<b>0,00001</b>	<b>0,0003%</b>	<b>sub-category chapters</b>
2.G	0,11992	0,11993	0,00001	0,01%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>1.10</b>	<b>1.10</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				