

# Recalculations - Benzo[a]Pyrene

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 -2.02 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 0.49 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>26.9894</b>	<b>26.9895</b>	<b>0.0001</b>	<b>0.0004%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>25.4657</b>	<b>25.4658</b>	<b>0.0001</b>	<b>0.0004%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.035	0.025	-0.010	-28.3%	<a href="#">here</a>
	1.A.4.a ii	0.0055	0.0048	-0.0007	-12.7% <a href="#">here</a>
1.A.4.c ii	0.04	0.05	0.01	25.3%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0.96</b>	<b>0.96</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>		<b>NA</b>			
<b>NFR 5 - Waste</b>	<b>0.56</b>	<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>		<b>NA</b>			

The small changes within the **National Total** reported for **2021 (+0.09 t or +0.5 %)** result from a **variety of small revisions throughout NFR 1**.

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	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>17.45</b>	<b>17.53</b>	<b>0.09</b>	<b>0.49%</b>	<b>sub-category chapters</b>
NFR 1 - Energy	17.22	17.30	0.09	0.50%	sub-category chapters
1.A.1.a	0.0429	0.0426	-0.0002	-0.56%	<a href="#">here</a>
1.A.1.b	0.0031	0.0030	-0.0001	-3.73%	<a href="#">here</a>
1.A.1.c	0.0008	0.0009	0.0001	14.4%	<a href="#">here</a>
1.A.2.a	0.000117	0.000113	-0.000004	-3.76%	<a href="#">here</a>
1.A.2.g vii	0.037	0.026	-0.011	-30.1%	<a href="#">here</a>
1.A.2.g viii	0.021	0.020	-0.001	-5.19%	<a href="#">here</a>
1.A.3.a i(i)	0.00000032	0.00000030	-0.00000002	-5.24%	<a href="#">here</a>
1.A.3.a ii(i)	0.000004036	0.000004039	0.000000003	0.07%	<a href="#">here</a>
1.A.3.b i	0.372	0.365	-0.006	-1.74%	<a href="#">here</a>
1.A.3.b ii	0.064	0.063	-0.001	-1.94%	<a href="#">here</a>
1.A.3.b iii	0.03	0.07	0.04	130%	<a href="#">here</a>
1.A.3.b iv	0.00336	0.00339	0.00003	1.02%	<a href="#">here</a>
1.A.3.b vi	0.02952	0.02956	0.00004	0.13%	<a href="#">here</a>
1.A.3.c	0.008391	0.008397	0.000006	0.07%	<a href="#">here</a>
1.A.3.d ii	0.014	0.015	0.001	7.86%	<a href="#">here</a>
1.A.4.a i	2.01	2.05	0.04	2.14%	<a href="#">here</a>
1.A.4.a ii	0.00427	0.00453	0.00026	6.00%	<a href="#">here</a>
1.A.4.b i	14.30	14.31	0.01	0.06%	<a href="#">here</a>
1.A.4.b ii	0.00298	0.00312	0.00014	4.60%	<a href="#">here</a>
1.A.4.c i	0.1626	0.1630	0.0004	0.27%	<a href="#">here</a>
1.A.4.c ii	0.05	0.06	0.01	29.2%	<a href="#">here</a>
1.A.5.a	0.022196	0.022206	0.000010	0.04%	<a href="#">here</a>
1.A.5.b	0.0020353	0.0020356	0.0000003	0.01%	<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>17.45</b>	<b>17.53</b>	<b>0.09</b>	<b>0.49%</b>	<b>sub-category chapters</b>
<b>NFR 2 - IPPU</b>	<b>0.05</b>	<b>0.05</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.18</b>	<b>0.18</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				