

Recalculations - Polyaromatic Hydrocarbons 1 to 4

The marginally small changes within the **National Total** reported for **1990 (+0.0001 t or +0.001 %)** result almost entirely from **revisions in several sub-categories of NFR 1** with the most significant percental change occurs for **1.A.3.a i(i) with minus 62 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]		absolute	relative	
NATIONAL TOTAL	118,56	115,75	-2,81	-2,37%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	105,29	102,48	-2,81	-2,67%	sub-category chapters
1.A.1.a	2,89	0,12	-2,78	-95,99%	here
1.A.1.b	0,03	0,01	-0,03	-81,40%	here
1.A.2.g vii	0,1399	0,1401	0,0002	0,17%	here
1.A.3.b i	1,219	1,242	0,023	1,86%	here
1.A.3.b ii	0,047	0,060	0,013	26,86%	here
1.A.3.b iii	0,836	0,795	-0,041	-4,87%	here
1.A.3.b iv	0,017	0,018	0,001	2,99%	here
1.A.4.a ii	0,02238	0,02236	-0,00002	-0,09%	here
1.A.4.c ii	0,1659	0,1657	-0,0002	-0,13%	here
NFR 2 - IPPU	11,80	11,80	0,00	0,00%	sub-category chapters
NFR 3 - Agriculture	NA				
NFR 5 - Waste	1,46	1,46	0,00	0,00%	
NFR 6 - Other	NA				

The changes in the **National Total** reported for **2020 (-1.73 t and -2.6 %)** result from a **variety of revisions throughout NFR 1** dominated by a revision in NFR sub-category **1.A.1.a with -0,61 t or -94,23 %**.

The significant percental change occurring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]		absolute	relative	
NATIONAL TOTAL	66,60	64,87	-1,73	-2,60%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	63,21	61,48	-1,73	-2,74%	sub-category chapters
1.A.1.a	0,65	0,04	-0,61	-94,23%	here
1.A.1.b	0,013	0,003	-0,011	-78,75%	here
1.A.1.c	0,0900	0,0897	-0,0003	-0,34%	here
1.A.2.a	0,000305	0,000300	-0,000005	-1,66%	here
1.A.2.g vii	0,1442	0,1476	0,0034	2,37%	here
1.A.2.g viii	0,67	0,90	0,22	33,07%	here
1.A.3.a i(i)	0,000000577	0,000000575	-0,000000002	-0,42%	here
1.A.3.a ii(i)	0,000014904	0,000014909	0,000000005	0,03%	here
1.A.3.b i	1,40	1,41	0,01	0,62%	here
1.A.3.b ii	0,210	0,214	0,004	1,97%	here
1.A.3.b iii	1,15	0,39	-0,76	-65,91%	here
1.A.3.b iv	0,0151	0,0153	0,0002	1,11%	here
1.A.3.b vi	0,0825	0,0822	-0,0003	-0,40%	here
1.A.3.c	0,032	0,034	0,002	6,26%	here
1.A.3.d ii	0,053542	0,053539	-0,000004	-0,01%	here
1.A.4.a i	7,13	7,29	0,15	2,16%	here
1.A.4.a ii	0,0178	0,0180	0,0002	0,89%	here
1.A.4.b i	50,57	49,82	-0,75	-1,48%	here
1.A.4.b ii	0,009	0,007	-0,002	-21,39%	here

	Submission 2022	Submission 2023	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	66,60	64,87	-1,73	-2,60%	sub-category chapters
NFR 1 - Energy	63,21	61,48	-1,73	-2,74%	sub-category chapters
1.A.4.c i	0,5789	0,5789	-0,0001	-0,01%	here
1.A.4.c ii	0,176	0,178	0,003	1,56%	here
1.A.5.a	0,063	0,067	0,004	6,65%	here
1.A.5.b	0,005	0,005	0,000	0,00%	here
1.B.1.b	0,130	0,131	0,001	0,88%	here
NFR 2 - IPPU	2,94	2,94	0,00	0,00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,46	0,46	0,00	0,00%	
NFR 6 - Other	NA				