

Recalculations - Polyaromatic Hydrocarbons 1 to 4

The strong changes within the **National Total** reported for **1990 (-59 t or -33 %)** are dominated by changes in **NFRs 1.B.1.b** (-35 t), **2.A.1** (-6.90 t) and **2.C.3** (-17 t).

However, the most significant percental change occurs for **NFR 1.A.3c with plus 164 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			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 significant changes in the **National Total** reported for **2019 (-6.36 t or -8.28 %)** are dominated by revisions in **NFRs 2.A.1 with -5.99 t** and **1.B.1.b with -0.29 t**.

Table 2: Changes in emission estimates for 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	76,79	70,44	-6,36	-8,28%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	66,23	65,91	-0,33	-0,49%	sub-category chapters
1.A.1.a	0,70	0,72	0,02	3,06%	here
1.A.1.b	0,0156	0,0152	-0,0004	-2,63%	here
1.A.1.c	0,16	0,10	-0,06	-38,36%	here
1.A.2.a	0,000326	0,000345	0,000019	5,69%	here
1.A.2.g vii	0,1384	0,1385	0,0001	0,08%	here
1.A.2.g viii	0,76	0,71	-0,05	-6,55%	here
1.A.3.a i(i)	0,000006	0,000001	-0,000005	-83,52%	here
1.A.3.a ii(i)	0,00014	0,00002	-0,00012	-83,69%	here
1.A.3.b i	1,6208	1,6224	0,0016	0,10%	here
1.A.3.b ii	0,2157	0,2133	-0,0024	-1,10%	here
1.A.3.b iii	1,191	1,189	-0,002	-0,15%	here
1.A.3.b iv	0,0150	0,0148	-0,0002	-1,10%	here
1.A.3.c	0,029	0,033	0,004	13,13%	here
1.A.3.d ii	0,062	0,060	-0,002	-3,47%	here
1.A.4.a i	7,098	7,097	-0,001	-0,01%	here
1.A.4.a ii	0,01743	0,01746	0,00003	0,18%	here
1.A.4.b i	52,87	52,91	0,04	0,07%	here
1.A.4.b ii	0,0090	0,0094	0,0004	4,50%	here
1.A.4.c i	0,5900	0,5899	-0,0001	-0,01%	here
1.A.4.c ii	0,1653	0,1655	0,0002	0,13%	here

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	76,79	70,44	-6,36	-8,28%	sub-category chapters
NFR 1 - Energy	66,23	65,91	-0,33	-0,49%	sub-category chapters
1.A.4.c iii	0,00146	0,00092	-0,00054	-37,07%	here
1.A.5.a	0,035	0,055	0,020	56,30%	here
1.A.5.b	0,007	0,006	-0,001	-14,99%	here
1.B.1.b	0,44	0,15	-0,29	-66,70%	here
NFR 2 - IPPU	9,49	3,44	-6,04	-63,69%	sub-category chapters
2.A.1	6,02	0,03	-5,99	-99,58%	here
2.C.1	3,272	3,285	0,013	0,40%	here
2.C.3	0,066	0,001	-0,065	-98,63%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	1,069	1,083	0,014	1,31%	sub-category chapters
5.C.1.b v	0,00143	0,00001	-0,00142	-99,12%	here
5.C.2	1,068	1,083	0,015	1,44%	here
NFR 6 - Other	NA				