

Recalculations - Benzo[a]Pyrene

The marginally small changes within the **National Total** reported for **1990 (+0.007 t or +0.03 %)** result almost entirely from **revisions in NFR sub-categories 1.A.3.b i, 1.A.3.b ii and 1.A.3.b iii** together with much less significant changes throughout NFR 1.

However, the most significant percental change occurs for **NFR 1.A.3.b ii with plus 27 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	26,98	26,99	0,007	0,03%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	25,46	25,47	0,007	0,03%	sub-category chapters
1.A.2.g vii	0,0349	0,0349	0,0001	0,17%	here
1.A.3.b i	0,2868	0,2934	0,0066	2,30%	here
1.A.3.b ii	0,0122	0,0155	0,0033	27,12%	here
1.A.3.b iii	0,0545	0,0519	-0,0027	-4,87%	here
1.A.3.b iv	0,0042	0,0043	0,0001	2,99%	here
1.A.4.a ii	0,00549	0,00549	-0,00001	-0,09%	here
1.A.4.c ii	0,04192	0,04186	-0,00005	-0,13%	here
NFR 2 - IPPU	0,96	0,96	0,00	0,00%	sub-category chapters
NFR 3 - Agriculture		NA			
NFR 5 - Waste	0,56	0,56	0,00	0,00%	
NFR 6 - Other		NA			

The negligibly small changes within the **National Total** reported for **2019 (-0,01 t or -0.04 %)** result from a variety of revisions throughout **NFRs 1, 2 and 5**.

However, the most significant percental changes occur for **NFRs 1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 2: Changes of emission estimates 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	16,09	16,10	0,01	0,04%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	15,61	15,63	0,02	0,10%	sub-category chapters
1.A.1.a	0,042	0,043	0,001	3,06%	here
1.A.1.b	0,00313	0,00306	-0,00007	-2,15%	here
1.A.1.c	0,0013	0,0010	-0,0003	-22,79%	here
1.A.2.a	0,000116	0,000123	0,000006	5,54%	here
1.A.2.g vii	0,035188	0,035193	0,000005	0,02%	here
1.A.2.g viii	0,025	0,021	-0,004	-16,25%	here
1.A.3.a i(i)	0,0000013	0,0000002	-0,0000011	-83,52%	here
1.A.3.a ii(i)	0,000029	0,000005	-0,000024	-83,69%	here
1.A.3.b i	0,4225	0,4230	0,0004	0,11%	here
1.A.3.b ii	0,0597	0,0590	-0,0007	-1,10%	here
1.A.3.b iii	0,0777	0,0776	-0,0001	-0,15%	here
1.A.3.b iv	0,00362	0,00358	-0,00004	-1,10%	here
1.A.3.c	0,007	0,008	0,001	13,34%	here
1.A.3.d ii	0,0153	0,0148	-0,0005	-3,47%	here
1.A.4.a i	1,7334	1,7333	-0,0001	-0,01%	here
1.A.4.a ii	0,00428	0,00429	0,00001	0,18%	here
1.A.4.b i	12,91	12,92	0,01	0,07%	here
1.A.4.b ii	0,0039	0,0041	0,0002	4,50%	here
1.A.4.c ii	0,041	0,041	0,00	0,10%	here
1.A.4.c iii	0,00036	0,00022	-0,00013	-37,07%	here

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	16,09	16,10	0,01	0,04%	sub-category chapters
NFR 1 - Energy	15,61	15,63	0,02	0,10%	sub-category chapters
1.A.5.a	0,009	0,013	0,005	56,31%	here
1.A.5.b	0,0028	0,0025	-0,0003	-9,93%	here
1.B.1.b	0,04	0,04	0,01	13,04%	here
NFR 2 - IPPU	0,066	0,051	-0,015	-22,71%	sub-category chapters
2.C.1	0,013	NE	-0,013	-100%	here
2.C.3	0,003	0,001	-0,002	-69,43%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,41	0,42	0,01	1,44%	sub-category chapters
5.C.2	0,41	0,42	0,01	1,44%	here
NFR 6 - Other	NA				