

Recalculations - Dioxines & Furanes (PCDD/F)

The small changes within the **National Total** reported for **1990 (-1.05 g or -0.13 %)** are dominated by revisions in NFRs **1.A.3.d ii with -0.80 g** and **1.A.3.b i with -0.25g** together with several small changes throughout **NFR 1.A.**

The most significant percental change occurs for **NFR 1.A.3.d ii with plus 74 %**.

Table 1: Changes of emission estimates 1990

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[g]			relative	see description and reasoning in:
NATIONAL TOTAL	814,95	813,90	-1,05	-0,13%	sub-category chapters
NFR 1 - Energy	523,57	522,52	-1,05	-0,20%	sub-category chapters
1.A.3.b i	14,84	14,59	-0,25	-1,66%	here
1.A.3.b ii	0,25	0,24	-0,01	-3,71%	here
1.A.3.b iv	0,50	0,51	0,01	2,44%	here
1.A.3.c	0,08	0,14	0,06	74,04%	here
1.A.3.d ii	4,56	3,77	-0,80	-17,43%	here
1.A.4.b ii	0,092	0,094	0,002	2,61%	here
1.A.4.c iii	0,07	0,03	-0,04	-53,84%	here
1.A.5.b	0,18	0,13	-0,04	-23,46%	here
NFR 2 - IPPU	242,10	242,10	0,00	0,00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	49,29	49,29	0,00	0,00%	
NFR 6 - Other	NA				

Changes within the **National Total** reported for **2019 (+1.35 g or +1.14 %)** are dominated by a revision in **NFR 1.A.3.b i with +1.23 g**.

However, the most significant percental change occurs for **NFR 1.A.5.b with minus 62 %**.

Table 2: Changes of emission estimates 2019

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[g]			relative	see description and reasoning in:
NATIONAL TOTAL	118,72	120,07	1,35	1,14%	sub-category chapters
NFR 1 - Energy	51,17	52,47	1,31	2,55%	sub-category chapters
1.A.1.a	4,08	4,17	0,09	2,25%	here
1.A.1.b	0,015	0,0155	-0,002	-1,28%	here
1.A.1.c	0,12	0,07	-0,04	-36,40%	here
1.A.2.a	0,0232	0,0245	0,0013	5,54%	here
1.A.2.g vii	0,08359	0,08357	-0,00002	-0,03%	here
1.A.2.g viii	1,215	1,195	-0,019	-1,60%	here
1.A.3.b i	7,05	8,28	1,23	17,42%	here
1.A.3.b ii	0,842	0,846	0,005	0,55%	here
1.A.3.b iii	0,3841	0,3844	0,0002	0,06%	here
1.A.3.b iv	0,34	0,53	0,20	58,76%	here
1.A.3.c	0,021	0,024	0,003	12,93%	here
1.A.3.d ii	2,04	1,97	-0,07	-3,47%	here
1.A.4.a i	18,32	18,22	-0,11	-0,57%	here
1.A.4.a ii	0,00989	0,00990	0,00002	0,18%	here
1.A.4.b i	14,65	14,67	0,03	0,17%	here
1.A.4.b ii	0,071	0,073	0,002	2,64%	here
1.A.4.c i	1,497	1,494	-0,003	-0,20%	here
1.A.4.c ii	0,196	0,194	-0,002	-0,89%	here
1.A.4.c iii	0,05	0,03	-0,02	-37,07%	here
1.A.5.a	0,09	0,14	0,05	54,09%	here

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[g]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	118,72	120,07	1,35	1,14%	sub-category chapters
NFR 1 - Energy	51,17	52,47	1,31	2,55%	sub-category chapters
1.A.5.b	0,06	0,02	-0,04	-62,20%	here
1.B.1.b	0,016	0,018	0,002	9,50%	here
NFR 2 - IPPU	19,72	19,72	0,00	0,00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	47,83	47,88	0,05	0,10%	sub-category chapters
5.C.2	3,15	3,20	0,05	1,44%	here
NFR 6 - Other	NA				