

Recalculations - Chromium (Cr)

The negligibly small changes within the **1990 National Total (-0.001 t or -0.001 %)** are dominated by a **revision in NFR 5.E (-0.002 t)** together with a variety of much less significant changes throughout NFR 1.

Here, the strongest percental change occurs in NFR **1.A.3.a i(i) with minus 64 %**.

Table 1: Changes in emission estimates for 1990

f<image Cr_1990.png size="medium"		Submission 2023		Submission 2024		Difference		Reasoning
NFR Sector		[t]				relative	see description and reasoning in:	
NATIONAL TOTAL		165,692	165,690	-0,001	-0,001%	sub-category chapters		
NFR 1 - Energy		122,2858	122,2860	0,0002	0,0001%	sub-category chapters		
1.A.2.g vii		0,010	0,007	-0,003	-28,8%	here		
1.A.3.a i(i)		0,0000025	0,0000009	-0,0000015	-62,4%	here		
1.A.3.a ii(i)		0,0000355	0,0000382	0,0000027	7,61%	here		
1.A.3.c		27,6524	27,6526	0,0002	0,001%	here		
1.A.4.a ii		0,0016	0,0014	-0,0002	-12,7%	here		
1.A.4.c ii		0,039	0,042	0,003	7,74%			
NFR 2 - IPPU	43,38	43,38	0,00	0,00%				
NFR 3 - Agriculture	0,00	0,00	0,00					
NFR 5 - Waste	0,029	0,027	-0,002	-5,96%	sub-category chapters			
5.E	0,029	0,027	-0,002	-5,96%	here			
NFR 6 - Other	0,00	0,00	0,00					

The changes in the **National Total** reported for **2020 (+1.34 t and +2 %)** are dominated by a revision in **NFR 1.A.3.c with plus 1.5 t** where annual mileage and, hence, abrasive emissions were revised for 2020.

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 for 2020

		Submission 2022		Submission 2023		Difference		Reasoning
NFR Sector		[t]				relative	see description and reasoning in:	
NATIONAL TOTAL		65,72	67,05	1,34	2,03%	sub-category chapters		
NFR 1 - Energy		48,23	49,57	1,34	2,78%	sub-category chapters		
1.A.1.a		3,30	3,27	-0,03	-0,79%	here		
1.A.1.b		1,24	1,21	-0,04	-2,88%	here		
1.A.1.c		0,049	0,045	-0,004	-7,97%	here		
1.A.2.g vii		0,0100	0,0102	0,0002	2,34%	here		
1.A.2.g viii		0,21	0,26	0,06	26,81%	here		
1.A.3.a i(i)		0,000000139	0,000000138	-0,000000001	-0,42%	here		
1.A.3.a ii(i)		0,000003584	0,000003585	0,000000001	0,03%	here		
1.A.3.b i		0,2049	0,2058	0,0008	0,41%	here		
1.A.3.b ii		0,0318	0,0325	0,0007	2,15%	here		
1.A.3.b iii		0,1251	0,0426	-0,0824	-65,91%	here		
1.A.3.b iv		0,00274	0,00277	0,00003	1,11%	here		
1.A.3.b vi		16,36	16,29	-0,07	-0,43%	here		
1.A.3.b vii		1,009	1,008	0,00	-0,05%	here		
1.A.3.c		20,90	22,39	1,50	7,16%	here		
1.A.3.d ii		0,028006	0,028004	-0,000002	-0,01%	here		
1.A.4.a i		1,87	1,91	0,04	2,14%	here		
1.A.4.a ii		0,001235	0,001246	0,000011	0,89%	here		
1.A.4.b i		2,78	2,74	-0,04	-1,43%	here		

	Submission 2022	Submission 2023	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	65,72	67,05	1,34	2,03%	sub-category chapters
NFR 1 - Energy	48,23	49,57	1,34	2,78%	sub-category chapters
1.A.4.b ii	0,009	0,007	-0,002	-21,39%	here
1.A.4.c i	0,067870	0,067864	-0,000006	-0,01%	here
1.A.4.c ii	0,032	0,037	0,005	16,46%	here
NFR 2 - IPPU	17,4580	17,4556	-0,0024	-0,01%	sub-category chapters
2.A.3	0,0948	0,0950	0,0002	0,26%	here
2.G	0,8531	0,8505	-0,0027	-0,31%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,03	0,03	0,00	0,00%	
NFR 6 - Other	NA				