

Recalculations - Chromium (Cr)

The negligibly small change in 1990 National Total (-0.001 t or -0.001 %) is dominated by revisions in NFRs 1.A.2.g vii, 1.A.4.c ii and 5.E with some less significant changes throughout NFRs 1 and 2.

Here, the strongest percental change occurs with NFR 1.A.3.a ii with minus 62 %

Table 1: Changes in emission estimates for 1990

	Submission 2018	Submission 2021	Difference		Reasoning
NFR Sector	[t]		absolute	relative	see description and reasoning in sub-category chapters
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	-0,0000016	-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 %	here
NFR 2 - IPPU	43,3769	43,3769	0,0000	0,0002 %	sub-category chapters
2.G	0,6744	0,6745	0,0001	0,01 %	here
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 2021 National Total reported 2021 (+1.82 t and +2.66 %) dominated by a revision in 1.A.3.c with plus 1.5 t where annual mileage and, hence, abrasive emissions were revised for 2021.

The significant percental change occurring in NFR 1.A.3.b iii results from a data error in annual submission.

Table 2: Changes of emission estimates for 2021

	Submission 2018	Submission 2021	Difference		Reasoning
NFR Sector	[t]		absolute	relative	see description and reasoning in sub-category chapters
NATIONAL TOTAL	68,17	69,98	1,82	2,66 %	sub-category chapters
NFR 1 - Energy	49,56	51,36	1,80	3,63 %	sub-category chapters
1.A.1.a	3,83	3,84	0,01	0,30 %	here
1.A.1.b	1,25	1,31	0,06	5,20 %	here
1.A.1.c	0,0409	0,0444	0,0035	8,58 %	here
1.A.2.g vii	0,010	0,007	-0,003	-33,0 %	here
1.A.2.g viii	0,23	0,22	-0,01	-5,55 %	here
1.A.3.a i(i)	0,00000037	0,00000035	-0,00000002	-5,24 %	here
1.A.3.a ii(i)	0,00000462	0,00000462	0,00000000	0,0 %	here
1.A.3.b i	0,208	0,206	-0,002	-1,08 %	here
1.A.3.b ii	0,0353	0,0347	-0,0007	-1,88 %	here
1.A.3.b iii	0,05	0,12	0,07	130 %	here
1.A.3.b iv	0,00252	0,00255	0,00003	1,02 %	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	16,46	16,48	0,02	0,15 %	here
1.A.3.b vii	1,0181	1,0184	0,0003	0,03 %	here
1.A.3.c	20,90	22,48	1,59	7,60 %	here
1.A.3.d ii	0,029	0,031	0,002	6,10 %	here
1.A.4.a i	2,15	2,20	0,05	2,14 %	here
1.A.4.a ii	0,00121	0,00128	0,00007	6,02 %	here

	Submission 2018	Submission 2024	Difference	Reasoning
NFR Sector	[t]		relative	see description and reasoning in
NATIONAL TOTAL	68,17	69,98	1,82 2,66%	sub-category chapters
NFR 1 - Energy	49,56	51,36	1,80 3,63%	sub-category chapters
1.A.4.b i	3,22116	3,22117	0,000010,0003%	here
1.A.4.b ii	0,0067	0,0070	0,0003 4,60%	here
1.A.4.c i	0,0780	0,0783	0,0002 0,27%	here
1.A.4.c ii	0,04	0,05	0,01 30,76%	here
1.A.5.b	0,00045806	0,00045811	0,0000000501%	here
NFR 2 - IPPU	18,58006	18,59597	0,015900,09%	sub-category chapters
2.A.3	0,09895	0,09901	0,000070,07%	here
2.G	0,840583	0,856420	0,0158371,88%	here
NFR 3 - Agriculture	NA			
NFR 5 - Waste	0,030	0,028	-0,002 -5,81%	sub-category chapters
5.E	0,030	0,028	-0,002 -5,81%	here
NFR 6 - Other	NA			