

Recalculations - Total Suspended Particles (TSP)

Revision of TSP emissions over time

The small changes within the **National Total reported for 1990 (-6.44 kt | -0.31 %)** are dominated by a revision of emission estimates for **NFR 2.G (-5.48 kt)** together with less significant revisions in NFRs 1, 2 and 3.

The strongest relative changes occur for **NFRs 2.C.7.a with plus 62 %** and **2.G with minus 56 %**.

Table 1: Changes in emission estimates for 1990

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	2.056,96	2.050,52	-6,44	-0,31%	sub-category chapters
NFR 1 - Energy	1.407,71	1.406,91	-0,80	-0,06%	sub-category chapters
1.A.2.g vii	7,06	7,18	0,11	1,62%	here
1.A.3.a i(i)	0,03	0,05	0,02	49,25%	here
1.A.3.a ii(i)	0,08	0,05	-0,03	-37,74%	here
1.A.3.b i	16,96	17,17	0,20	1,20%	here
1.A.3.b ii	4,22	2,71	-1,51	-35,86%	here
1.A.3.b iii	28,38	29,56	1,17	4,14%	here
1.A.3.b iv	2,38	2,23	-0,15	-6,18%	here
1.A.3.b vi	12,71	12,67	-0,04	-0,30%	here
1.A.4.a ii	1,51	1,53	0,01	0,93%	here
1.A.4.b ii	0,17	0,22	0,06	32,50%	here
1.A.4.c ii	13,61	12,96	-0,65	-4,81%	here
NFR 2 - IPPU	570,85	565,43	-5,42	-0,95%	sub-category chapters
2.C.7.a	0,10	0,17	0,07	62,34%	here
2.G	9,74	4,26	-5,48	-56,29%	here
NFR 3 - Agriculture	67,70	67,48	-0,22	-0,32%	sub-category chapters
3.B.1.a	7,92	7,70	-0,22	-2,73%	here
NFR 5 - Waste	10,70	10,70	0,00	0,00%	
NFR 6 - Other	NA				

The changes within the **National Total reported for 2018 (-4.18 kt | -1.08 %)** are dominated by revised emission estimates for **NFR 2.G (-5.16 kt)**. In addition, several more or less significant revisions occur in NFRs **1, 2, 3 and 5**.

The most significant relative changes occur for **NFRs 2.C.7.c with minus 73 %** and **2.G with minus 51 %**.

Table 2: Changes in emission estimates for 2018

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	387,72	383,54	-4,18	-1,08%	sub-category chapters
NFR 1 - Energy	100,68	101,56	0,88	0,88%	sub-category chapters
1.A.1.a	5,52	5,59	0,07	1,23%	here
1.A.1.b	0,43	0,58	0,14	32,54%	here
1.A.1.c	0,49	0,53	0,04	7,70%	here
1.A.2.a	0,083	0,081	-0,002	-2,21%	here
1.A.2.g vii	0,88	0,97	0,10	10,86%	here
1.A.2.g viii	2,74	2,58	-0,16	-5,93%	here
1.A.3.a i(i)	0,09	0,08	-0,01	-7,58%	here
1.A.3.a ii(i)	0,03	0,04	0,01	43,17%	here
1.A.3.b i	3,01	3,14	0,13	4,37%	here
1.A.3.b ii	1,345	1,348	0,003	0,25%	here
1.A.3.b iii	1,99	1,94	-0,05	-2,69%	here
1.A.3.b iv	0,94	0,98	0,04	3,86%	here

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	387,72	383,54	-4,18	-1,08%	sub-category chapters
NFR 1 - Energy	100,68	101,56	0,88	0,88%	sub-category chapters
1.A.3.b vi	18,62	18,60	-0,03	-0,15%	here
1.A.3.b vii	15,71	15,69	-0,02	-0,16%	here
1.A.3.c	8,58	8,57	-0,02	-0,23%	here
1.A.3.d ii	1,13	1,16	0,03	2,73%	here
1.A.3.e i	0,00760	0,00763	0,00003	0,45%	1.A.3.e i - Pipeline Transport]
1.A.4.a i	2,36	2,09	-0,27	-11,48%	here
1.A.4.a ii	0,25	0,21	-0,04	-14,65%	here
1.A.4.b i	17,78	19,34	1,56	8,77%	here
1.A.4.b ii	0,134	0,127	-0,007	-4,97%	here
1.A.4.c i	0,513	0,506	-0,006	-1,26%	here
1.A.4.c ii	3,86	3,24	-0,62	-15,99%	here
1.A.4.c iii	0,088	0,091	0,002	2,70%	here
1.A.5.a	0,028	0,029	0,001	2,07%	here
1.A.5.b	0,0702	0,0703	0,0001	0,14%	here
NFR 2 - IPPU	216,90	211,90	-5,00	-2,31%	sub-category chapters
2.A.3	0,22	0,22	0,00	-0,80%	here
2.A.5.a	41,07	41,25	0,18	0,44%	here
2.C.2	0,0058	0,0053	-0,0005	-8,04%	here
2.C.7.a	0,067	0,063	-0,004	-6,50%	here
2.C.7.c	0,02	0,01	-0,01	-73,35%	here
2.G	10,11	4,95	-5,16	-51,06%	here
NFR 3 - Agriculture	61,06	60,99	-0,07	-0,11%	sub-category chapters
3.B.3	17,36	17,32	-0,04	-0,22%	here
3.B.4.g i	10,16	10,15	-0,01	-0,13%	here
3.B.4.g ii	3,72	3,71	-0,01	-0,38%	here
NFR 5 - Waste	9,0815	9,0813	-0,0002	0,00%	sub-category chapters
5.A	0,0213	0,0211	-0,0002	-0,87%	here
NFR 6 - Other	NA				