

# Recalculations - Total Suspended Particles (TSP)

The small changes within the **National Total** reported for **1990 (-28.3 kt or -1.38 %)** are dominated by newly revised emission estimates for NFRs **2.A.5.a (-18.9 kt or -22.9 %)** and **5.C.2 (-5.5 kt or -74.7 %)** together with less significant revisions and re-allocations in NFRs 1, 2 and 3. The strongest percental change occurs for NFR 2.C.7.c with reallocation-related +13,543 %. **Table 1: Changes in emission estimates for 1990** ^ ^ Submission 2023 ^ Submission 2024 ^ Difference ^ Reasoning ^ ^ NFR Sector ^ [kt] || ^ relative ^ see description and reasoning in: ^ ^ NATIONAL TOTAL ^ 2.047,88 ^ 2.019,60 ^ -28,28 ^ -1,38% ^ sub-category chapters ^ ^ NFR 1 - Energy ^ 1.401,35 ^ 1.397,65 ^ -3,71 ^ -0,26% ^ sub-category chapters ^ | 1.A.2.g vii | 7,19 | 5,05 | -2,14 | -29,8% | [here](#) | | 1.A.3.a i(i) | 0,047 | 0,045 | -0,002 | -3,78% | [here](#) | | 1.A.3.a ii(i) | 0,040 | 0,037 | -0,003 | -6,79% | [here](#) | | 1.A.3.c | 13,07 | 13,08 | 0,01 | 0,05% | [here](#) | | 1.A.3.d ii | 7,17 | 7,17 | 0,00 | 0,03% | [here](#) | | 1.A.4.a ii | 1,53 | 1,33 | -0,19 | -12,7% | [here](#) | | 1.A.4.b ii | 0,2929 | 0,2930 | 0,0001 | 0,05% | [here](#) | | 1.A.4.c ii | 12,93 | 15,65 | 2,71 | 21,0% | [here](#) | | 1.B.1.b | 150,22 | 146,13 | -4,10 | -2,73% | [here](#) ^ NFR 2 - IPPU ^ 562,34 ^ 543,41 ^ -18,93 ^ -3,37% ^ sub-category chapters ^ | 2.A.5.a | 82,51 | 63,58 | -18,93 | -22,9% | [here](#) | | 2.C.1 | 150,89 | 44,38 | -106,51 | -70,6% | [here](#) | | 2.C.7.c | 0,79 | 107,29 | 106,51 | 13,543% | [here](#) | | 2.D.3.b | 0,30 | 0,30 | 0,00 | -1,04% | [here](#) | | 2.H.1 | 15,53 | 0,11 | -15,42 | -99,3% | [here](#) | | 2.H.3 | NA | 15,42 | 15,42 | | [here](#) ^ NFR 3 - Agriculture ^ 73,48 ^ 73,51 ^ 0,02 ^ 0,03% ^ sub-category chapters ^ | 3.B.4.h | NE | 0,02 | 0,02 | | [here](#) ^ NFR 5 - Waste ^ 10,70 ^ 5,04 ^ -5,67 ^ -52,9% ^ sub-category chapters ^ | 5.C.2 | 7,33 | 1,86 | -5,47 | -74,7% | [here](#) | | 5.E | 3,26 | 3,07 | -0,19 | -5,84% | [here](#) | The strong changes within the National Total reported for 2020 (-20.6 kt or -5.43 %) are dominated by revised emission estimates for NFR 2.L (-19.04 kt). In addition, several more or less significant revisions occur in NFRs 1, 2, 3 and 5. The most significant percental change occurs for NFR 2.A.3 with plus 127 %\*\*.

Table 2: Changes in emission estimates for 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>337,470</b>	<b>335,708</b>	<b>-1,76</b>	<b>-0,52%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>87,766</b>	<b>85,415</b>	<b>-2,35</b>	<b>-2,68%</b>	<b>sub-category chapters</b>
1.A.1.a	4,11	4,07	-0,03	-0,80%	<a href="#">here</a>
1.A.1.b	0,514	0,541	0,027	5,35%	<a href="#">here</a>
1.A.1.c	0,45	0,44	-0,01	-2,85%	<a href="#">here</a>
1.A.2.a	0,070	0,069	-0,002	-2,58%	<a href="#">here</a>
1.A.2.g vii	0,826	0,840	0,014	1,69%	<a href="#">here</a>
1.A.2.g viii	2,45	2,69	0,23	9,59%	<a href="#">here</a>
1.A.3.a i(i)	0,033	0,031	-0,002	-6,61%	<a href="#">here</a>
1.A.3.a ii(i)	0,01	0,01	0,00	-6,17%	<a href="#">here</a>
1.A.3.b i	2,20	2,11	-0,09	-4,19%	<a href="#">here</a>
1.A.3.b ii	1,083	1,086	0,003	0,32%	<a href="#">here</a>
1.A.3.b iii	1,52	0,89	-0,62	-41,08%	<a href="#">here</a>
1.A.3.b iv	1,00	1,03	0,03	2,96%	<a href="#">here</a>
1.A.3.b vi	16,85	16,78	-0,07	-0,43%	<a href="#">here</a>
1.A.3.b vii	14,23	14,18	-0,05	-0,35%	<a href="#">here</a>
1.A.3.c	8,09	8,67	0,58	7,13%	<a href="#">here</a>
1.A.3.d ii	0,7986	0,7990	0,0004	0,05%	<a href="#">here</a>
1.A.4.a i	2,24	2,33	0,10	4,27%	<a href="#">here</a>
1.A.4.a ii	0,192	0,193	0,002	0,88%	<a href="#">here</a>
1.A.4.b i	17,27	17,03	-0,24	-1,41%	<a href="#">here</a>
1.A.4.b ii	0,16	0,13	-0,03	-21,14%	<a href="#">here</a>
1.A.4.c i	0,481	0,480	-0,001	-0,13%	<a href="#">here</a>
1.A.4.c ii	3,04	3,11	0,07	2,40%	<a href="#">here</a>
1.A.5.a	0,038	0,041	0,002	6,40%	<a href="#">here</a>
1.A.5.b	0,06	0,06	-0,01	-8,55%	<a href="#">here</a>
1.B.1.a	5,46	3,22	-2,24	-41,01%	<a href="#">here</a>
1.B.1.b	4,529	4,530	0,001	0,02%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>183,76</b>	<b>182,20</b>	<b>-1,56</b>	<b>-0,85%</b>	<b>sub-category chapters</b>
2.A.1	1,57	0,78	-0,79	-50,35%	<a href="#">here</a>

	Submission 2022	Submission 2023	Difference		Reasoning
<b>NFR Sector</b>	<b>[kt]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>337,470</b>	<b>335,708</b>	<b>-1,76</b>	<b>-0,52%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>87,766</b>	<b>85,415</b>	<b>-2,35</b>	<b>-2,68%</b>	<b>sub-category chapters</b>
2.A.3	0,45	0,47	0,02	3,59%	<a href="#">here</a>
2.A.5.a	41,62	41,62	0,00	0,00%	<a href="#">here</a>
2.A.5.b	36,30	35,31	-0,99	-2,72%	<a href="#">here</a>
2.B.7	0,10	0,14	0,04	35,2%	<a href="#">here</a>
2.C.2	0,00538	0,00542	0,00004	0,80%	<a href="#">here</a>
2.G	2,90	2,90	0,00	0,01%	<a href="#">here</a>
2.H.1	0,02	0,18	0,16	710%	<a href="#">here</a>
2.H.2	0,93	0,93	0,01	0,73%	<a href="#">here</a>
2.I	1,33	1,33	0,00	0,00%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>60,26</b>	<b>62,41</b>	<b>2,15</b>	<b>3,57%</b>	<b>sub-category chapters</b>
3.B.3	16,99	15,66	-1,33	-7,84%	<a href="#">here</a>
3.B.4.g i	10,29	10,01	-0,28	-2,75%	<a href="#">here</a>
3.D.c	17,27	21,04	3,77	21,81%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>5,68</b>	<b>5,68</b>	<b>0,00</b>	<b>-0,02%</b>	<b>sub-category chapters</b>
5.A	0,020	0,019	-0,001	-5,35%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				