

# Recalculations - Total Suspended Particles (TSP)

The small changes within the **National Total** reported for **1990 (-4.0 kt or -0.2 %)** are dominated by a revision in NFRs sub-categories **1.A.3.c** (-5.84 kt) and **3.D.c** (+1.43 kt) together with less significant revisions in NFRs 1 and 3.

The strongest percental change occurs for NFR **3.B.4.e** with **plus 175 %**.

Table 1: Changes in emission estimates for 1990

	Submission 2023	Submission 2024	Difference	Reasoning	
NFR Sector	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>2.019,60</b>	<b>2.015,59</b>	<b>-4,01</b>	<b>-0,20%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>1.397,65</b>	<b>1.391,90</b>	<b>-5,74</b>	<b>-0,41%</b>	<b>sub-category chapters</b>
1.A.2.g vii	5,05	4,94	-0,11	-2,16%	<a href="#">here</a>
1.A.3.c	13,08	7,24	-5,84	-44,64%	<a href="#">here</a>
1.A.4.a ii	1,33	1,30	-0,03	-2,16%	<a href="#">here</a>
1.A.4.c ii	15,65	15,88	0,23	1,48%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>543,41</b>	<b>543,41</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>73,51</b>	<b>75,24</b>	<b>1,73</b>	<b>2,36%</b>	<b>sub-category chapters</b>
3.B.4.e	0,18	0,48	0,31	175%	<a href="#">here</a>
3.D.c	23,45	24,88	1,43	6,09%	<a href="#">here</a>
NFR 5 - Waste	5,04	5,04	0,00	0,00%	
<b>NFR 6 - Other</b>	<b>NA</b>				

The changes within the **National Total** reported for **2021 (-9.42 kt or -2.80 %)** are dominated by revised emission estimates for **NFRs 1.B.1.b** (-4.33 kt), **2.A.5.a** (-4.25 kt) and **5.C.2** (-1.70 kt) together with several less significant revisions in NFRs **1, 2, 3 and 5**.

The most significant percental change occurs for **NFR 1.B.1.b** with **minus 87 %**.

Table 2: Changes in emission estimates for 2021

	Submission 2023	Submission 2024	Difference	Reasoning	
NFR Sector	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>336.87</b>	<b>327.45</b>	<b>-9.42</b>	<b>-2.80%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>88.79</b>	<b>85.55</b>	<b>-3.22</b>	<b>-3.63%</b>	<b>sub-category chapters</b>
1.A.1.a	4.53	4.50	-0.03	-0.65%	<a href="#">here</a>
1.A.1.b	0.55	0.58	0.04	6.86%	<a href="#">here</a>
1.A.1.c	0.41	0.43	0.01	2.84%	<a href="#">here</a>
1.A.2.a	0.071	0.070	-0.001	-1.46%	<a href="#">here</a>
1.A.2.g vii	0.73	0.48	-0.25	-34.4%	<a href="#">here</a>
1.A.2.g viii	2.79	2.59	-0.20	-7.26%	<a href="#">here</a>
1.A.3.a i(i)	0.0339	0.0334	-0.0005	-1.58%	<a href="#">here</a>
1.A.3.a ii(i)	0.014	0.011	-0.003	-20.0%	<a href="#">here</a>
1.A.3.b i	1.97	1.85	-0.12	-6.23%	<a href="#">here</a>
1.A.3.b ii	1.168	1.147	-0.021	-1.80%	<a href="#">here</a>
1.A.3.b iii	1.12	1.13	0.01	0.95%	<a href="#">here</a>
1.A.3.b iv	0.94	0.92	-0.02	-2.15%	<a href="#">here</a>
1.A.3.b vi	16.95	16.97	0.02	0.15%	<a href="#">here</a>
1.A.3.b vii	14.31	14.34	0.02	0.17%	<a href="#">here</a>
1.A.3.c	8.11	8.71	0.60	7.38%	<a href="#">here</a>
1.A.3.d ii	0.8211	0.8579	0.0368	4.48%	<a href="#">here</a>
1.A.4.a i	2.51	2.46	-0.05	-1.83%	<a href="#">here</a>
1.A.4.a ii	0.174	0.185	0.011	6.57%	<a href="#">here</a>
1.A.4.b i	19.08	19.17	0.08	0.44%	<a href="#">here</a>
1.A.4.b ii	0.13	0.13	0.01	5.18%	<a href="#">here</a>

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]		relative	see description and reasoning in:	
<b>NATIONAL TOTAL</b>	<b>336.87</b>	<b>327.45</b>	<b>-9.42</b>	<b>-2.80%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>88.79</b>	<b>85.55</b>	<b>-3.22</b>	<b>-3.63%</b>	<b>sub-category chapters</b>
1.A.4.c i	0.525	0.529	0.004	0.77%	<a href="#">here</a>
1.A.4.c ii	2.92	3.87	0.95	32.7%	<a href="#">here</a>
1.A.5.a	0.054	0.054	0.000	0.06%	<a href="#">here</a>
1.B.1.b	4.97	0.64	<u>-4.33</u>	<u>-87.2%</u>	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>181.86</b>	<b>177.52</b>	<b>-4.34</b>	<b>-2.38%</b>	<b>sub-category chapters</b>
2.A.3	0.46	0.37	-0.09	-19.3%	<a href="#">here</a>
2.A.5.a	40.09	35.84	<u>-4.25</u>	<u>-10.6%</u>	<a href="#">here</a>
2.C.2	0.00542	0.00513	-0.00029	-5.38%	<a href="#">here</a>
2.D.3.b	0.232	0.228	-0.004	-1.71%	<a href="#">here</a>
2.G	2.74	2.75	0.01	0.20%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>60.56</b>	<b>60.59</b>	<b>0.03</b>	<b>0.05%</b>	<b>sub-category chapters</b>
3.D.c	20.97	21.00	0.03	0.13%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>5.67</b>	<b>3.77</b>	<b>-1.90</b>	<b>-33.4%</b>	<b>sub-category chapters</b>
5.A	0.019	0.018	-0.001	-4.04%	<a href="#">here</a>
5.C.2	2.28	0.58	<u>-1.70</u>	<u>-74.6%</u>	<a href="#">here</a>
5.E	3.35	3.16	-0.19	-5.69%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				