

# 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

NFR Sector	Submission 2024	Submission 2025	Difference	Reasoning	see description and reasoning in:
	[kt]			relative	
<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 rather small changes within the **National Total** reported for **2022 (-2.52 kt or -0.77 %)** 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 2022

NFR Sector	Submission 2024	Submission 2025	Difference	Reasoning	see description and reasoning in:
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>330,456</b>	<b>327,926</b>	<b>-2,53</b>	<b>-0,77%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>86,131</b>	<b>80,579</b>	<b>-5,55</b>	<b>-6,45%</b>	<b>sub-category chapters</b>
1.A.1.a	4,77	4,38	-0,39	-8,10%	<a href="#">here</a>
1.A.1.b	0,66	0,76	0,10	14,69%	<a href="#">here</a>
1.A.1.c	0,4090	0,4095	0,0005	0,13%	<a href="#">here</a>
1.A.2.a	0,064	0,069	0,01	8,17%	<a href="#">here</a>
1.A.2.g vii	0,36	0,34	-0,02	-6,54%	<a href="#">here</a>
1.A.2.g viii	3,02	2,45	-0,56	-18,74%	<a href="#">here</a>
1.A.3.a i(i)	0,0511	0,0512	0,0001	0,19%	<a href="#">here</a>
1.A.3.a ii(i)	0,01464	0,01465	0,00001	0,04%	<a href="#">here</a>
1.A.3.b i	1,81	1,82	0,01	0,30%	<a href="#">here</a>
1.A.3.b ii	1,201	1,187	-0,01	-1,20%	<a href="#">here</a>
1.A.3.b iii	0,99	1,00	0,01	1,25%	<a href="#">here</a>
1.A.3.b iv	1,01	0,98	-0,03	-2,98%	<a href="#">here</a>
1.A.3.c	9,00	3,25	-5,75	-63,85%	<a href="#">here</a>
1.A.3.d ii	0,7436	0,7315	-0,01	-1,63%	<a href="#">here</a>
1.A.4.a i	2,31	2,23	-0,08	-3,40%	<a href="#">here</a>
1.A.4.a ii	0,149	0,126	-0,02	-15,74%	<a href="#">here</a>
1.A.4.b i	18,64	19,81	1,17	6,26%	<a href="#">here</a>
1.A.4.b ii	0,13	0,11	-0,03	-20,20%	<a href="#">here</a>
1.A.4.c i	0,499	0,501	0,003	0,50%	<a href="#">here</a>
1.A.4.c ii	3,68	3,73	0,05	1,23%	<a href="#">here</a>

	Submission 2024	Submission 2025	Difference		Reasoning
<b>NFR Sector</b>	<b>[kt]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>330,456</b>	<b>327,926</b>	<b>-2,53</b>	<b>-0,77%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>86,131</b>	<b>80,579</b>	<b>-5,55</b>	<b>-6,45%</b>	<b>sub-category chapters</b>
1.A.5.b	0,07	0,09	0,02	34,13%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>180,62</b>	<b>180,85</b>	<b>0,22</b>	<b>0,12%</b>	<b>sub-category chapters</b>
2.A.2	0,274	0,279	0,006	2,16%	<a href="#">here</a>
2.A.3	0,36	0,46	0,10	27,66%	<a href="#">here</a>
2.A.5.a	37,79	37,29	-0,50	-1,33%	<a href="#">here</a>
2.A.5.b	37,39	38,50	1,11	2,97%	<a href="#">here</a>
2.G	4,04	4,05	0,01	0,33%	<a href="#">here</a>
2.L	88,07	87,57	-0,50	-0,57%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>59,06</b>	<b>61,42</b>	<b>2,36</b>	<b>3,99%</b>	<b>sub-category chapters</b>
3.B.3	12,16	12,17	0,01	0,07%	<a href="#">here</a>
3.B.4.d	0,0149	0,0146	-0,0003	-1,79%	<a href="#">here</a>
3.B.4.e	0,16	0,46	0,30	184,49%	<a href="#">here</a>
3.B.4.g i	10,45	10,13	-0,31	-3,00%	<a href="#">here</a>
3.B.4.g ii	3,62	3,51	-0,12	-3,22%	<a href="#">here</a>
3.B.4.g iii	1,27	1,08	-0,19	-14,86%	<a href="#">here</a>
3.B.4.g iv	0,86	0,83	-0,03	-3,39%	<a href="#">here</a>
3.B.4.h	0,004754	0,004749	-0,000005	-0,10%	<a href="#">here</a>
3.D.c	21,02	23,71	2,69	12,82%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>4,64</b>	<b>5,08</b>	<b>0,44</b>	<b>9,54%</b>	<b>sub-category chapters</b>
5.A	0,0183	0,0181	-0,0002	-1,16%	<a href="#">here</a>
5.E	3,20	3,65	0,44	13,82%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				