

# 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 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>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 a revision in NFRs sub-categories **1.A.3.c** (-5.75 kt) and **3.D.c** (+2.69 kt) together with less significant revisions in NFRs 1 and 3.

The strongest percental change occurs for NFR **3.B.4.e** with **plus 185 %**.

Table 2: Changes in emission estimates for 2022

	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>330.46</b>	<b>327.93</b>	<b>-2.53</b>	<b>-0.77%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>86.13</b>	<b>80.58</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>
1.A.5.b	0.07	0.09	0.02	34.13%	<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>330.46</b>	<b>327.93</b>	<b>-2.53</b>	<b>-0.77%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>86.13</b>	<b>80.58</b>	<b>-5.55</b>	<b>-6.45%</b>	<b>sub-category chapters</b>
<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	185%	<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>				