

# 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 change occurs for **NFR 2.C.7.a with plus 62 %**.

Table 1: Changes in emission estimates for 1990

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

The significant changes within the **National Total reported for 2018 (+ 15.95 kt | + 4.41 %)** are dominated by revised emission estimates for NFR 2.A.5.a (+ 18.26 kt).

In addition, several more or less significant revisions occur in NFRs **1, 2, 3 and 5**.

Table 2: Changes in emission estimates for 2018

