

# 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
<b>NATIONAL TOTAL</b>						
2.056,96	2.050,52	-6,44				-0,31%
sub-category chapters						
NFR 1 - Energy						
1.407,71	1.406,91	-0,80				-0,06%
sub-category chapters						
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>	
NFR 2 - IPPU						
570,85	565,43	-5,42				-0,95%
sub-category chapters						
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>	
NFR 3 - Agriculture						
67,70	67,48	-0,22				-0,32%
sub-category chapters						
3.B.1.a	7,92	7,70	-0,22	-2,73%	<a href="#">here</a>	
NFR 5 - Waste						
10,70	10,70	0,00				0,00%
NFR 6 - Other						
NA						

> **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