

# Recalculations - Particulate Matter <10µm

## Revision of PM<sub>10</sub> emissions over time:



Changes within the **National Total reported for 1995 (-9.7 kt | -2.7 %)** are dominated by changes in **NFR 2.G (- 8.81 kt or -58.7 %)** together with less significant revisions throughout NFRs 1, 2 and 3.

Table 1: Changes of emission estimates 1995

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[kt]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>355,89</b>	<b>346,18</b>	<b>-9,71</b>	<b>-2,73%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>174,27</b>	<b>173,44</b>	<b>-0,83</b>	<b>-0,48%</b>	<b>sub-category chapters</b>
1.A.2.a	0,1642	0,1640	-0,0001	-0,07%	<a href="#">here</a>
1.A.2.g vii	5,41	5,51	0,11	1,97%	<a href="#">here</a>
1.A.3.a i(i)	0,04	0,06	0,02	40,61%	<a href="#">here</a>
1.A.3.a ii(i)	0,03	0,04	0,01	33,95%	<a href="#">here</a>
1.A.3.b i	18,36	18,68	0,33	1,77%	<a href="#">here</a>
1.A.3.b ii	7,82	6,15	-1,68	-21,42%	<a href="#">here</a>
1.A.3.b iii	27,34	28,33	1,00	3,65%	<a href="#">here</a>
1.A.3.b iv	1,012	1,051	0,04	3,88%	<a href="#">here</a>
1.A.3.b vi	11,16	11,12	-0,03	-0,31%	<a href="#">here</a>
1.A.4.a ii	1,04	1,05	0,02	1,46%	<a href="#">here</a>
1.A.4.b ii	0,12	0,15	0,03	26,60%	<a href="#">here</a>
1.A.4.c ii	10,00	9,34	-0,67	-6,65%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>144,91</b>	<b>136,11</b>	<b>-8,80</b>	<b>-6,07%</b>	<b>sub-category chapters</b>
2.C.7.a	0,07	0,08	0,01	17,58%	<a href="#">here</a>
2.G	15,01	6,20	-8,81	-58,68%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>28,79</b>	<b>28,71</b>	<b>-0,08</b>	<b>-0,27%</b>	<b>sub-category chapters</b>
3.B.1.a	3,44	3,36	-0,08	-2,24%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>7,92</b>	<b>7,92</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>		<b>NA</b>			

Changes within the **National Total reported for 2018 (-3.80 kt | -1.80 %)** are dominated by changes in **NFR 2.G (-4.70 kt or -48.7 %)** together with less significant revisions throughout NFRs 1, 2 and 3.

The most significant relative change occurs for **NFR 2.C.7.c with minus 73.4 %**.

Table 2: Changes of emission estimates 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[kt]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>203,61</b>	<b>193,78</b>	<b>-9,83</b>	<b>-4,83%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>75,33</b>	<b>75,13</b>	<b>-0,20</b>	<b>-0,26%</b>	<b>sub-category chapters</b>
1.A.1.a	4,38	4,39	0,01	0,28%	<a href="#">here</a>
1.A.1.b	0,534	0,537	0,003	0,65%	<a href="#">here</a>
1.A.1.c	0,35	0,33	-0,02	-5,33%	<a href="#">here</a>
1.A.2.a	0,076	0,077	0,001	1,61%	<a href="#">here</a>
1.A.2.g vii	0,892	0,890	-0,002	-0,22%	<a href="#">here</a>
1.A.2.g viii	2,31	2,28	-0,03	-1,18%	<a href="#">here</a>
1.A.3.a i(i)	0,076	0,075	-0,001	-1,64%	<a href="#">here</a>
1.A.3.a ii(i)	0,03	0,03	-0,01	-22,41%	<a href="#">here</a>
1.A.3.b i	2,88	2,74	-0,14	-4,90%	<a href="#">here</a>

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[kt]		relative	see description and reasoning in:	
<b>NATIONAL TOTAL</b>	<b>203,61</b>	<b>193,78</b>	<b>-9,83</b>	<b>-4,83%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>75,33</b>	<b>75,13</b>	<b>-0,20</b>	<b>-0,26%</b>	<b>sub-category chapters</b>
1.A.3.b ii	1,206	1,193	-0,01	-1,07%	<a href="#">here</a>
1.A.3.b iii	1,75	1,76	0,01	0,44%	<a href="#">here</a>
1.A.3.b iv	0,99	0,98	-0,01	-1,10%	<a href="#">here</a>
1.A.3.c	8,64	8,66	0,02	0,22%	<a href="#">here</a>
1.A.3.d ii	1,03	0,92	-0,11	-11,10%	<a href="#">here</a>
1.A.4.a i	2,20	2,20	0,01	0,32%	<a href="#">here</a>
1.A.4.a ii	0,2012	0,2009	-0,0003	-0,14%	<a href="#">here</a>
1.A.4.b i	18,18	18,26	0,09	0,48%	<a href="#">here</a>
1.A.4.b ii	0,13	0,17	0,04	34,65%	<a href="#">here</a>
1.A.4.c i	0,51	0,47	-0,04	-7,33%	<a href="#">here</a>
1.A.4.c ii	3,077	3,081	0,004	0,12%	<a href="#">here</a>
1.A.4.c iii	0,020	0,013	-0,01	-34,68%	<a href="#">here</a>
1.A.5.a	0,02	0,03	0,01	52,83%	<a href="#">here</a>
1.A.5.b	0,11	0,09	-0,02	-18,50%	<a href="#">here</a>
1.B.1.b	0,355	0,360	0,004	1,25%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>91,03</b>	<b>81,33</b>	<b>-9,70</b>	<b>-10,66%</b>	<b>sub-category chapters</b>
2.A.3	0,15	0,08	-0,07	-45,86%	<a href="#">here</a>
2.A.5.a	13,72	13,57	-0,15	-1,06%	<a href="#">here</a>
2.A.6	0,9796	0,9800	0,0004	0,04%	<a href="#">here</a>
2.C.2	0,00341	0,00344	0,00004	1,03%	<a href="#">here</a>
2.G	4,70	4,73	0,03	0,69%	<a href="#">here</a>
2.H.1	0,01847	0,01845	-0,00002	-0,11%	<a href="#">here</a>
2.L	51,00	41,48	-9,52	-18,66%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>30,41</b>	<b>30,43</b>	<b>0,02</b>	<b>0,08%</b>	<b>sub-category chapters</b>
3.B.1.a	2,73	2,87	0,15	5,43%	<a href="#">here</a>
3.B.1.b	1,70	1,68	-0,02	-1,16%	<a href="#">here</a>
3.B.4.d	0,0054	0,0056	0,0001	2,35%	<a href="#">here</a>
3.B.4.e	0,069	0,074	0,005	6,67%	<a href="#">here</a>
3.B.4.g i	2,145	2,143	-0,002	-0,11%	<a href="#">here</a>
3.B.4.g ii	1,850	1,830	-0,02	-1,08%	<a href="#">here</a>
3.B.4.g iii	1,36	1,30	-0,06	-4,74%	<a href="#">here</a>
3.B.4.g iv	0,65	0,63	-0,02	-3,62%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>6,84</b>	<b>6,89</b>	<b>0,05</b>	<b>0,72%</b>	<b>sub-category chapters</b>
5.C.2	3,46	3,51	0,05	1,44%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				