

for pollutant-specific information, please click:	<a href="#">NOx</a>	<a href="#">NMVOC</a>	<a href="#">SOx</a>	<a href="#">NH3</a>	<a href="#">PM2.5</a>	<a href="#">PM10</a>	<a href="#">TSP</a>	<a href="#">BC</a>	<a href="#">CO</a>	<a href="#">Pb</a>	<a href="#">Cd</a>	<a href="#">Hg</a>	<a href="#">As</a>	<b>Cr</b>	<a href="#">Cu</a>	<a href="#">Ni</a>	<a href="#">Se</a>	<a href="#">Zn</a>	<a href="#">PCDD/F</a>	<a href="#">B[a]P</a>	<a href="#">B[b]F</a>	<a href="#">B[k]F</a>	<a href="#">I[x]P</a>	<a href="#">PAH1-4</a>	<a href="#">HCB</a>	<a href="#">PCB</a>

## Recalculations - Chromium (Cr)

With no reportable changes within the **National Total** reported for **1990**, the only notable percental changes occur for NFRs **1.A.2.g vii with -2.10 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 0.42 %** with mutually canceling absolute changes.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>165.69</b>	<b>165.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>122.29</b>	<b>122.29</b>	<b>0.00</b>	<b>0.00%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.0070	0.0068	-0.0002	-2.10%	<a href="#">here</a>
1.A.4.a ii	0.00135	0.00132	-0.00003	-2.16%	<a href="#">here</a>
1.A.4.c ii	0.0417	0.0419	0.0002	0.42%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>43.38</b>	<b>43.38</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.03</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The changes within the **National Total** reported for **2022 (-2.89 t or -4.14 %)** are dominated by a revision in NFR sub-category **1.A.3.c with -3.30 t** together with a variety of revisions throughout NFRs 1, 2 and 5.

However, the most significant percental change occurs in **NFR 1.A.1.b with plus 19.3 %**.

Table 2: Changes of emission estimates for 2022

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>69.96</b>	<b>67.07</b>	<b>-2.89</b>	<b>-4.14%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>52.88</b>	<b>49.99</b>	<b>-2.89</b>	<b>-5.47%</b>	<b>sub-category chapters</b>
1.A.1.a	4.14	4.13	-0.02	-0.40%	<a href="#">here</a>
1.A.1.b	1.42	1.69	0.27	19.31%	<a href="#">here</a>
1.A.1.c	0.040	0.044	0.004	9.56%	<a href="#">here</a>
1.A.2.g vii	0.0060	0.0056	-0.0003	-5.67%	<a href="#">here</a>
1.A.2.g viii	0.20	0.21	0.01	6.42%	<a href="#">here</a>
1.A.3.b i	0.2151	0.2153	0.0002	0.08%	<a href="#">here</a>
1.A.3.b ii	0.036	0.035	-0.001	-1.73%	<a href="#">here</a>
1.A.3.b iii	0.114	0.115	0.001	0.90%	<a href="#">here</a>
1.A.3.b iv	0.0028	0.0027	-0.0001	-2.57%	<a href="#">here</a>
1.A.3.c	23.31	20.02	-3.30	-14.14%	<a href="#">here</a>
1.A.3.d ii	0.025	0.024	-0.001	-2.55%	<a href="#">here</a>
1.A.4.a i	2.16	2.08	-0.08	-3.70%	<a href="#">here</a>
1.A.4.a ii	0.0011	0.0009	-0.0002	-16.10%	<a href="#">here</a>
1.A.4.b i	3.25	3.46	0.21	6.56%	<a href="#">here</a>
1.A.4.b ii	0.0069	0.0063	-0.0007	-9.48%	<a href="#">here</a>
1.A.4.c i	0.070	0.069	-0.001	-1.35%	<a href="#">here</a>
1.A.4.c ii	0.049	0.046	-0.003	-6.24%	<a href="#">here</a>
1.A.5.b	0.00049	0.00054	0.00005	10.39%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>17.050</b>	<b>17.047</b>	<b>-0.003</b>	<b>-0.02%</b>	<b>sub-category chapters</b>

	Submission 2024	Submission 2025	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>69.96</b>	<b>67.07</b>	<b>-2.89</b>	<b>-4.14%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>52.88</b>	<b>49.99</b>	<b>-2.89</b>	<b>-5.47%</b>	<b>sub-category chapters</b>
2.A.3	0.100	0.102	0.001	1.32%	<a href="#">here</a>
2.G	0.873	0.869	-0.004	-0.51%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.028</b>	<b>0.032</b>	<b>0.004</b>	<b>13.82%</b>	<b>sub-category chapters</b>
5.E	0.028	0.032	0.004	13.82%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				