

# Chromium (Cr)

## Revisions of chromium emissions over time:

The small changes in the **National Total reported for 1990 (-0.32 t | -0.19 %)** are dominated by a revision in **NFR 2.G (-0.28 t)**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>166,13</b>	<b>165,81</b>	<b>-0,32</b>	<b>-0,19%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>122,46</b>	<b>122,42</b>	<b>-0,04</b>	<b>-0,03%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,0096	0,0097	0,0002	1,61%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,000004	0,000004		<a href="#">here</a>
1.A.3.a ii(i)	0,0004	0,0001	-0,0003	-84,90%	<a href="#">here</a>
1.A.3.b i	0,2349	0,2350	0,0001	0,05%	<a href="#">here</a>
1.A.3.b ii	0,013	0,009	-0,004	-27,77%	<a href="#">here</a>
1.A.3.b iii	0,087	0,091	0,004	4,14%	<a href="#">here</a>
1.A.3.b iv	0,0033	0,0031	-0,0002	-6,18%	<a href="#">here</a>
1.A.3.b vi	12,33	12,30	-0,04	-0,30%	<a href="#">here</a>
1.A.4.a ii	0,00154	0,00155	0,00001	0,94%	<a href="#">here</a>
1.A.4.c ii	0,0390	0,0388	-0,0002	-0,43%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>43,64</b>	<b>43,36</b>	<b>-0,28</b>	<b>-0,64%</b>	<b>sub-category chapters</b>
2.G	0,96	0,68	-0,28	-29,13%	<a href="#">here</a>
<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 in the **National Total reported for 2018 (-0.92 t | -1.20 %)** are dominated by a revision in **NFR 2.G (-0.74 t)**.

Table 1: Changes in emission estimates for 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>76,18</b>	<b>75,26</b>	<b>-0,92</b>	<b>-1,20%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>55,88</b>	<b>55,69</b>	<b>-0,19</b>	<b>-0,34%</b>	<b>sub-category chapters</b>
1.A.1.a	5,03	5,05	0,03	0,54%	<a href="#">here</a>
1.A.1.b	1,53	1,34	-0,19	-12,44%	<a href="#">here</a>
1.A.1.c	0,05	0,05	0,00	8,51%	<a href="#">here</a>
1.A.2.g vii	0,009	0,010	0,001	7,93%	<a href="#">here</a>
1.A.2.g viii	0,26	0,23	-0,03	-11,26%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,000002	0,000002		<a href="#">here</a>
1.A.3.a ii(i)	0,00006	0,00004	-0,00002	-36,34%	<a href="#">here</a>
1.A.3.b i	0,2299	0,2341	0,0042	1,83%	<a href="#">here</a>
1.A.3.b ii	0,0314	0,0317	0,0003	1,10%	<a href="#">here</a>
1.A.3.b iii	0,1315	0,1271	-0,0044	-3,34%	<a href="#">here</a>
1.A.3.b iv	0,00271	0,00268	-0,00003	-1,19%	<a href="#">here</a>
1.A.3.b vi	18,08	18,05	-0,03	-0,15%	<a href="#">here</a>
1.A.3.b vii	1,113	1,110	-0,003	-0,28%	<a href="#">here</a>
1.A.3.c	24,713	24,711	-0,002	-0,01%	<a href="#">here</a>
1.A.3.d ii	0,0313	0,0311	-0,0002	-0,61%	<a href="#">here</a>
1.A.4.a i	1,88	1,65	-0,22	-11,96%	<a href="#">here</a>
1.A.4.a ii	0,0014	0,0012	-0,0002	-15,33%	<a href="#">here</a>
1.A.4.b i	2,69	2,94	0,25	9,34%	<a href="#">here</a>

	Submission 2020	Submission 2021	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>76,18</b>	<b>75,26</b>	<b>-0,92</b>	<b>-1,20%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>55,88</b>	<b>55,69</b>	<b>-0,19</b>	<b>-0,34%</b>	<b>sub-category chapters</b>
1.A.4.b ii	0,0095	0,0091	-0,0004	-4,46%	<a href="#">here</a>
1.A.4.c i	0,0673	0,0676	0,0002	0,36%	<a href="#">here</a>
1.A.4.c ii	0,0263	0,0274	0,0010	3,90%	<a href="#">here</a>
1.A.4.c iii	0,0029	0,0029	0,0001	2,97%	<a href="#">here</a>
1.A.5.b	0,00091	0,00092	0,00001	1,37%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>20,27</b>	<b>19,54</b>	<b>-0,73</b>	<b>-3,58%</b>	<b>sub-category chapters</b>
2.A.3	0,162	0,162	-0,001	-0,38%	<a href="#">here</a>
2.G	1,57	0,85	-0,72	-46,10%	<a href="#">here</a>
<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>				