

Explanation of Key Trends - Fine Particulate Matter (PM₁₀)

Main drivers

Between 1995 and 2024, **total PM₁₀ emissions dropped by 49,2%**.

The Main Drivers for PM₁₀ emissions are **Fuel Combustion (NFR 1.A)** with 48% of total 1995 emissions and a 63 % reduction between 1995 and 2024 and, as a total, the **Industrial Processes (NFR 2)** (and here especially **Handling of Bulk Products NFR 2.L**) with 38 % of total 1995 emissions and a 46% reduction.

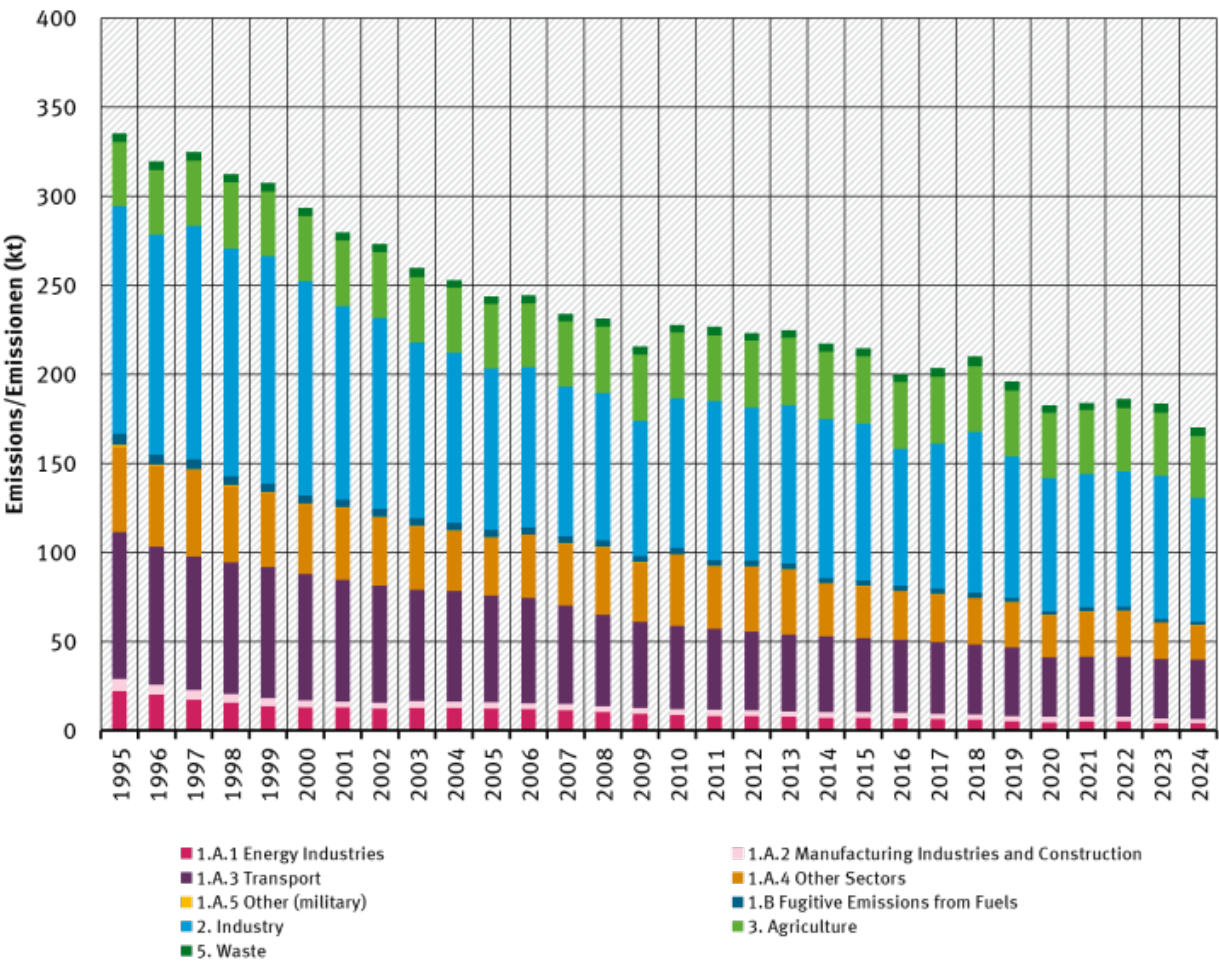
Within NFR 1.A, **Transport (NFR 1.A.3)** produces the biggest part of PM₁₀ emissions. Here, about 88 % of the 2024 Transport PM₁₀ emissions are produced by **Road Transport (NFR 1.A.3.b)**. About 18 % of these emissions are directly caused by **fuel combustion (NFRs 1.A.3.b.i-iv)** whereas 82 % stem from **tyre and brake wear (NFR 1.A.3.b.vi) and road abrasion (vii)**.

Table: PM₁₀ Emissions 1990-2024, in kilotonnes [kt]

														Trend: latest compared to	
1995	2000	2005	2010	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	1995	previous year
335	294	244	228	215	200	203	210	196	183	184	186	184	170	-49.2%	-7.3%

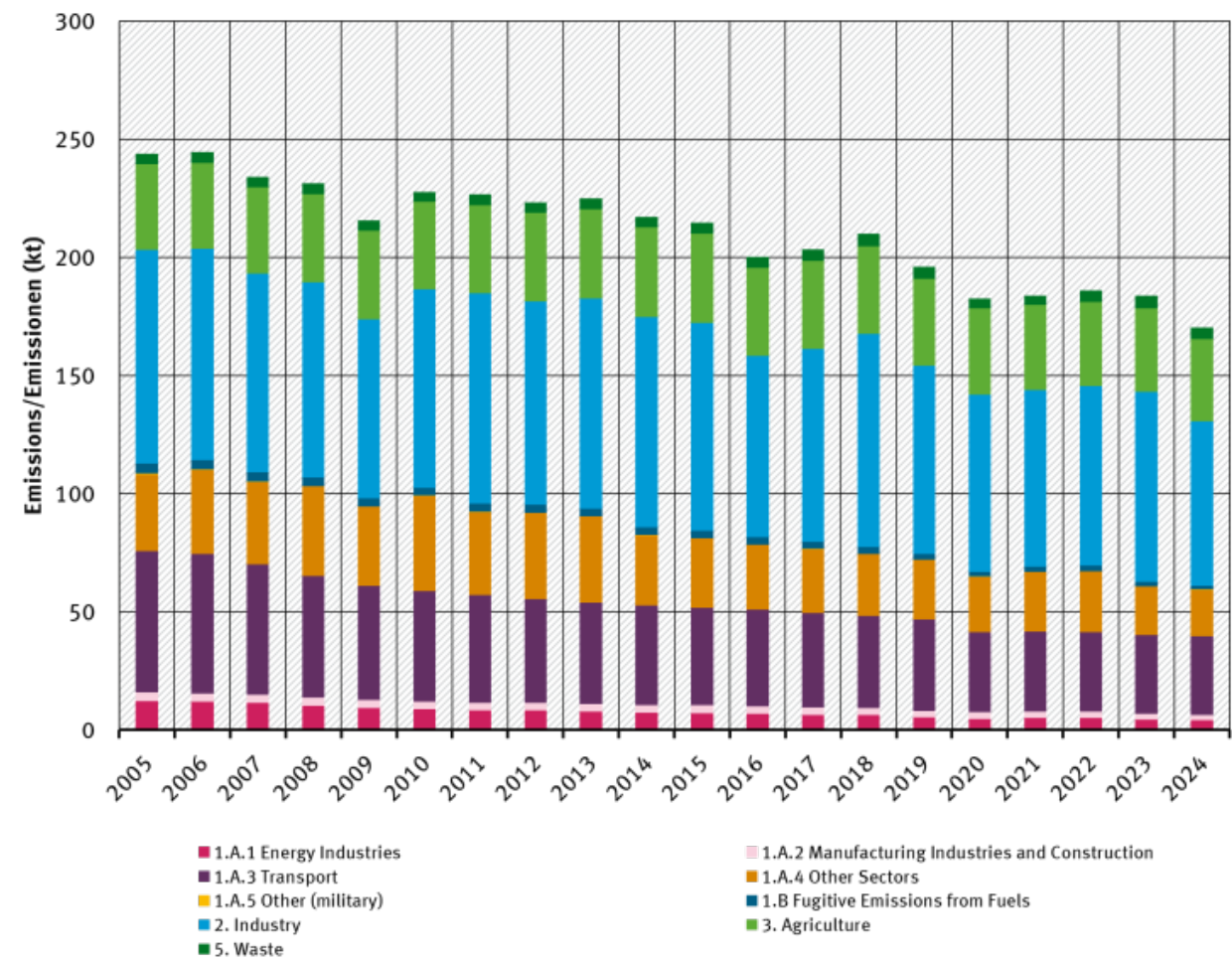
Fine Particulate Matter / Feinstaub (PM10)

Emissions per Sector / Sektorale Emissionen



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Quelle: German Emission Inventory (04.02.2026)