

# Explanation of Key Trends - Fine Particulate Matter (PM<sub>10</sub>)

## Main drivers

Between 1995 and 2024, **total PM<sub>10</sub> emissions dropped by 49,2%**.

The Main Drivers for PM<sub>10</sub> emissions are **Fuel Combustion (NFR 1.A)** with 48% of total 1995 emissions and a 63% reduction between 1995 and 2024 and as a sum the **Industrial Processes (NFR 2)** (and especially **Handling of Bulk Products NFR 2.L** therein) with 38% of total 1995 emissions and a 46% reduction.

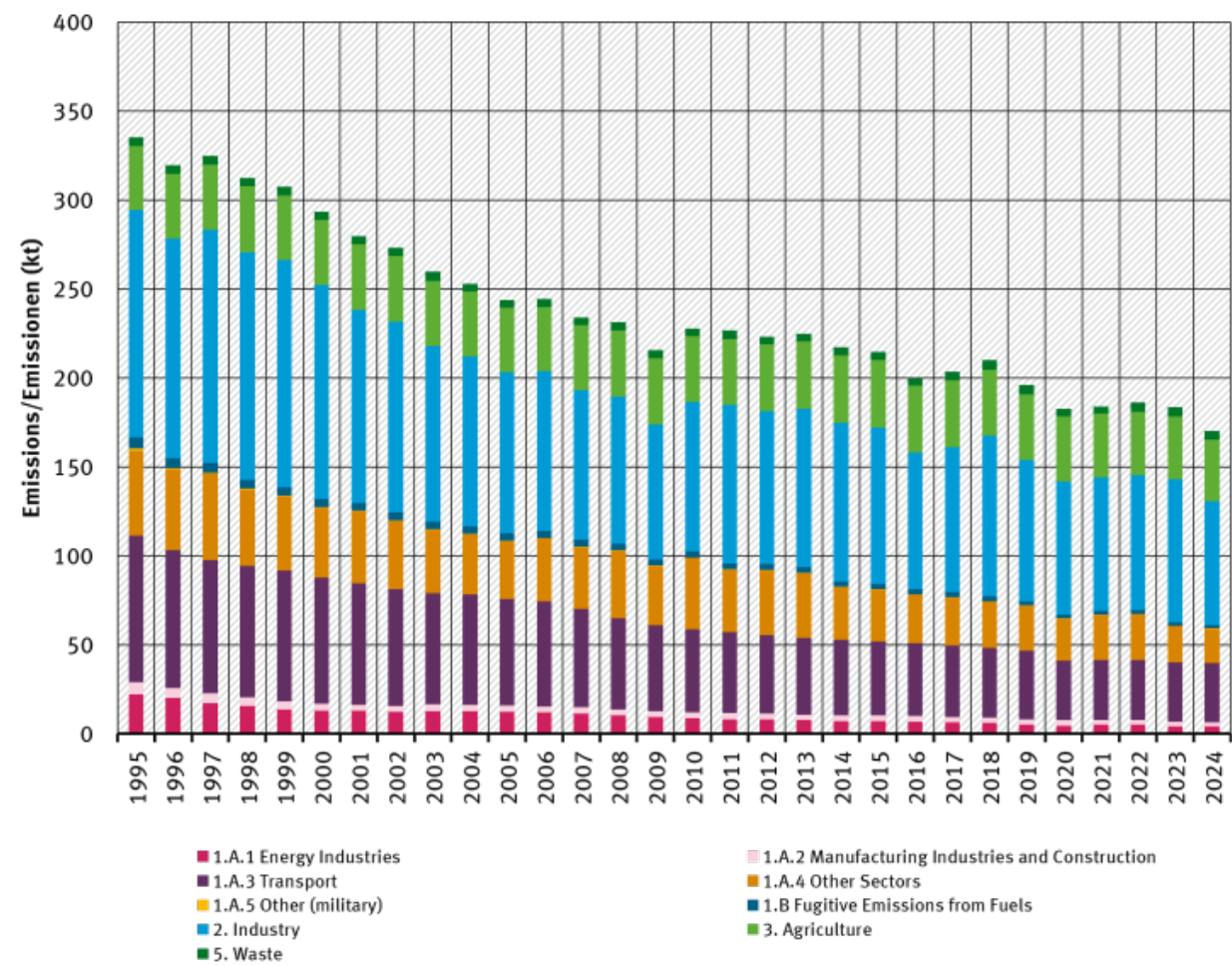
Within NFR 1.A, **Transport (NFR 1.A.3)** produces the biggest part of PM<sub>10</sub> emissions. Here, about three quarters of the 2023 Transport PM<sub>10</sub> emissions are produced by **Road Transport (NFR 1.A.3.b)**, half of which is directly caused by **fuel combustion (NFR 1.A.3.b.i - iv)** and the other half by **road abrasion and tyre and brake wear (NFR 1.A.3.b.vi - vii)**.

Table: PM<sub>10</sub> 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%         |

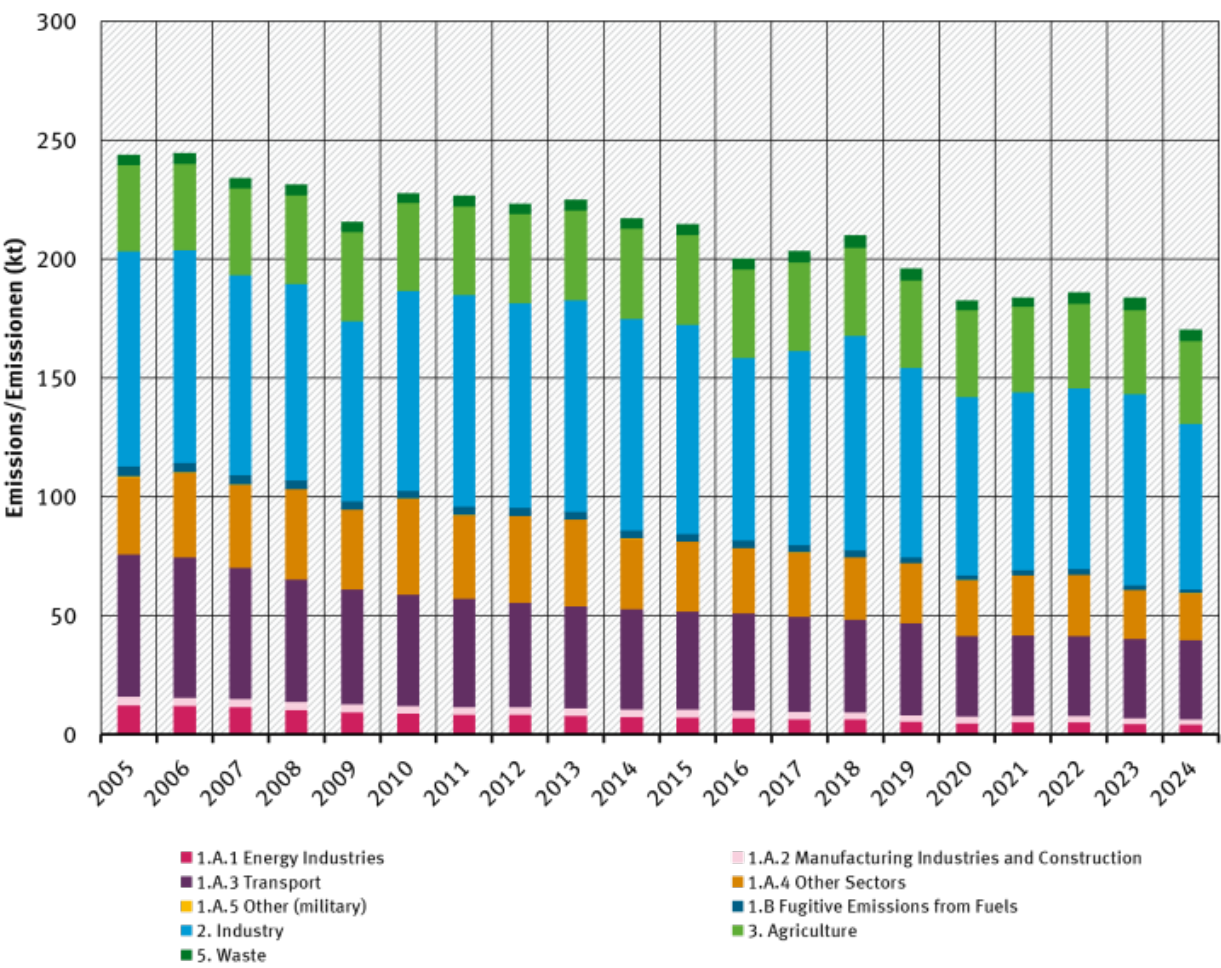
### Fine Particulate Matter / Feinstaub (PM10)

Emissions per Sector / Sektorale Emissionen



## Fine Particulate Matter / Feinstaub (PM<sub>10</sub>)

### Emissions per Sector / Sektorale Emissionen



Quelle: German Emission Inventory (04.02.2026)