



Dallas-Fort Worth Air Quality Improvement Plan Transportation Measures

North Central Texas Council of Governments

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Comprehensive Air Quality Planning

Dallas-Fort Worth Air Quality Improvement Plan: Comprehensive Action Plan (CAP)*

Outlines through 2050:

- Comprehensive Emissions Inventory and Projections
- Targets and Measures to Improve Air Quality in All Sectors

Includes:

- Comprehensive Stakeholder Engagement
- Air Quality Planning for All Emissions of Local Concern
- Integrating NCTCOG Regional and Statewide Efforts**

Potential Impact of Regional Growth:



Nonattainment and
Conformity Lapse



Section 185 Fees (*Failure to
Attain Fees*)



Constrained Resources and
Lacking Infrastructure



Health Impacts

*The DFW AQIP development is supported by funding from Environmental Protection Agency's (EPA) Climate Pollution Reduction Grants (CPRG): Planning Grants

**TCEQ's Comprehensive Roadmap to Reduce Emissions <https://www.tceq.texas.gov/agency/climate-pollution-reduction-grants>



Criteria Air Pollutants

Six air pollutants which harm health, environment, and property

Clean Air Act mandates EPA sets National Ambient Air Quality Standards (NAAQS) for criteria pollutants

Regional Status under Each Criteria Pollutant NAAQS:

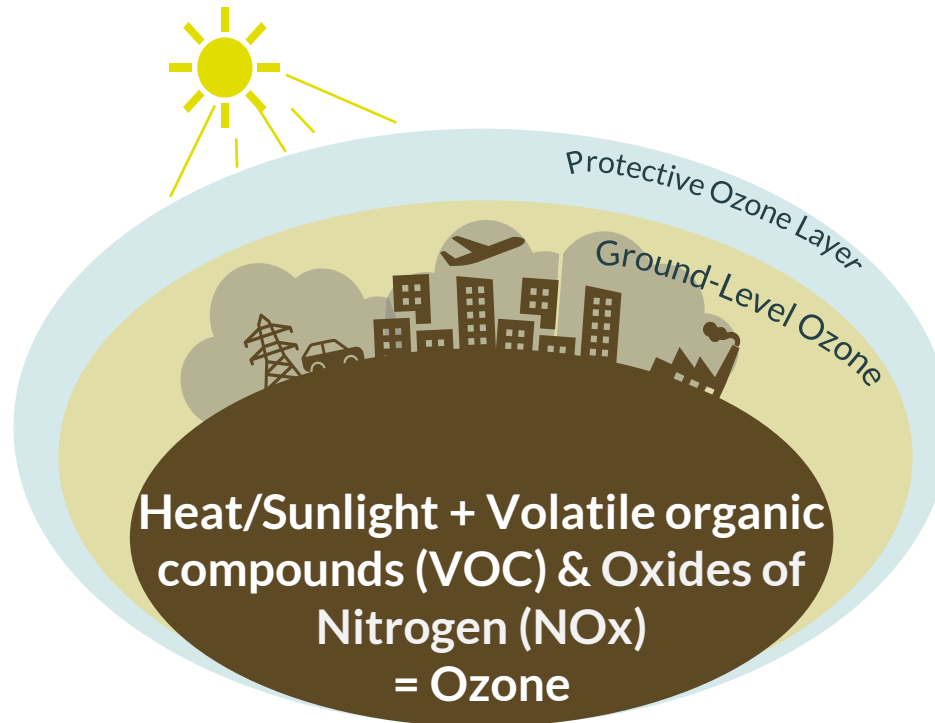
Ozone	✗
Lead	✓
Carbon Monoxide	✓
Nitrogen Dioxide	✓
Particulate Matter	?
Sulfur Dioxide	✓

More information: www.epa.gov/ground-level-ozone-pollution



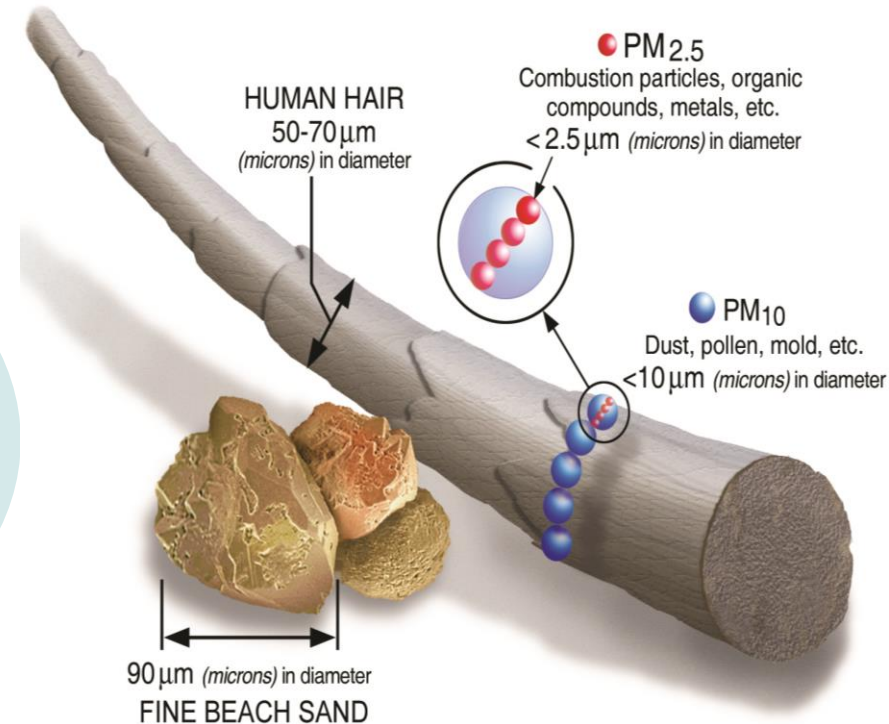
Dallas-Fort Worth Air Quality Improvement Plan

Ground-Level Ozone



More information: www.epa.gov/ground-level-ozone-pollution

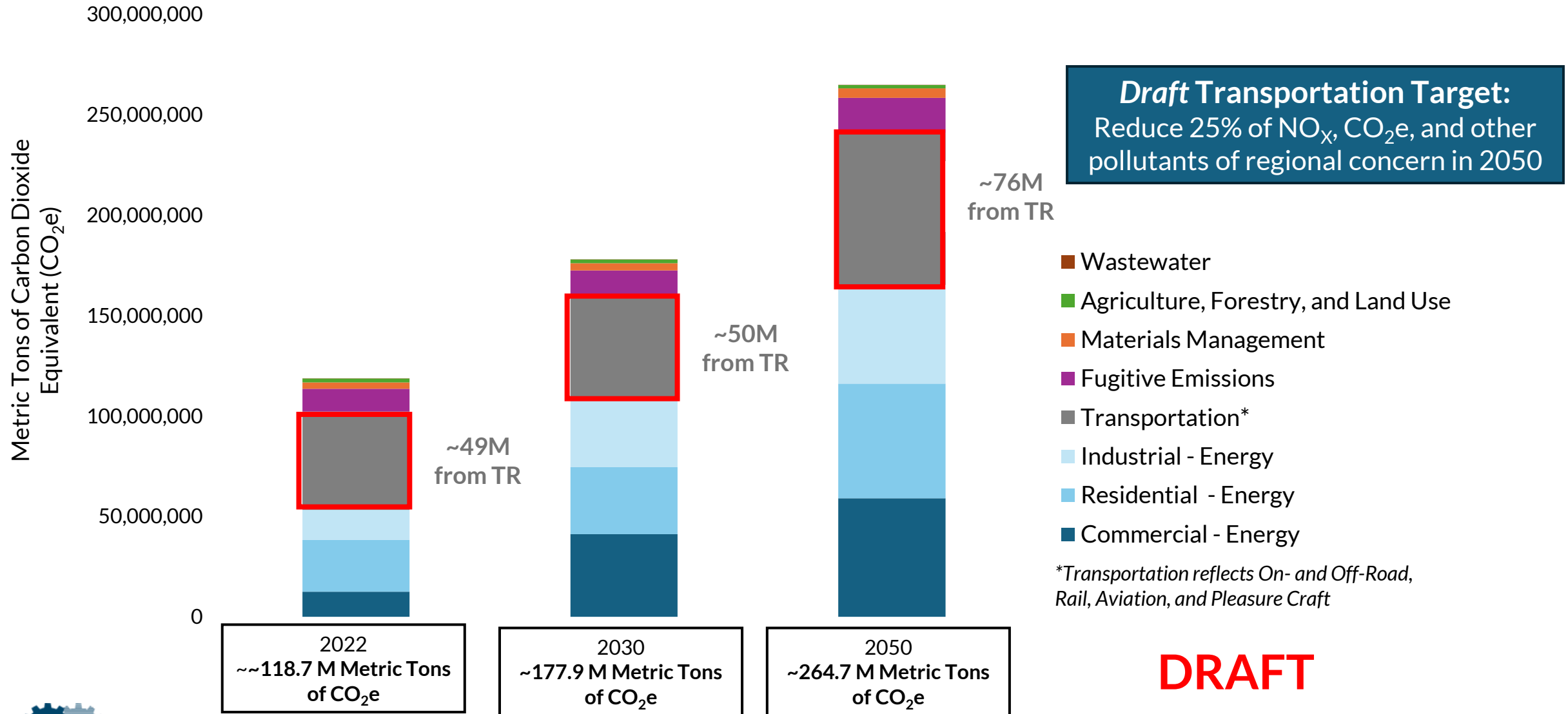
Particulate Matter (PM)



Source and more information: <https://www.epa.gov/pm-pollution/particulate-matter-pm-basics>

DFW AQIP Projections and Targets

All sectors, Carbon Dioxide Equivalent (CO₂e), Metric Tons/Year NCTCOG 16-county area



Draft Transportation Measures

Measure Category 1: Vehicle/Equipment Technology Upgrades

13% of 25% Reduction Goal



Reduce Emissions from
Locomotives



Expand Sources and Use of
Low-Emitting Fuels



Expand Use of On-Road
Alternative Fuel
Vehicles



Implement Regional
Emissions Compliance
Program



Reduce Emissions from
Airports



Reduce Emissions from
Non-Road Equipment



Draft Transportation Measures

Measure Category 2: System Operations

5% of 25% Reduction Goal



Optimize Transportation System Efficiency



Enhance Regional Traffic Signal Operations



Optimize Truck and Rail Flow



Draft Transportation Measures

Measure Category 3: Mode Shifts
7% of 25% Reduction Goal



**Expand Active Transportation
Network**



**Reduce Vehicle Miles
Traveled**



Increase Access to Transit Service



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