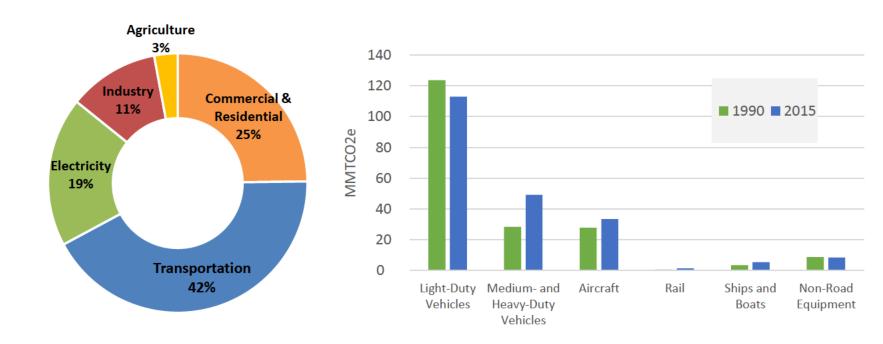




Medium- and Heavy-Duty Zero Emission Vehicle Memorandum of Understanding

Air Quality Technical Advisory Committee Meeting
October 17, 2020
Harrisburg, PA

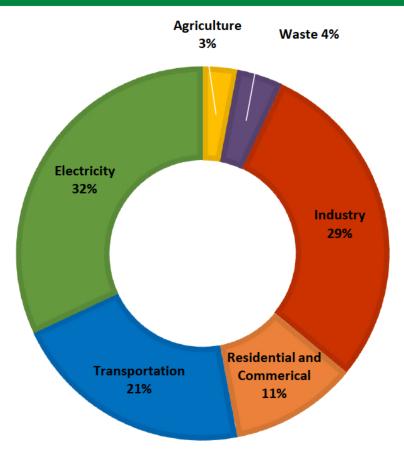
Greenhouse Gas Emissions in the Northeast



Source: State Inventory Tool (2015 emissions excludes Pennsylvania)



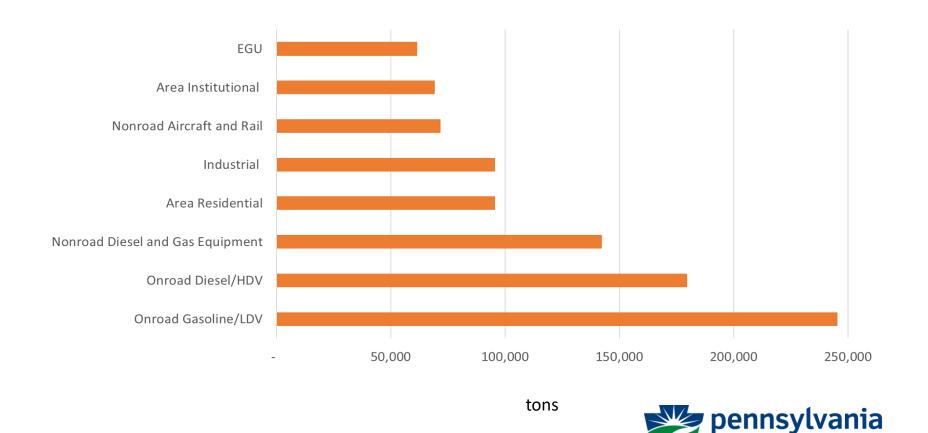
Greenhouse Gas Emissions in Pennsylvania



Source: Pennsylvania Climate Action Plan



2017 NOx Emissions in Mid-Atlantic/Northeast



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MOU Concepts

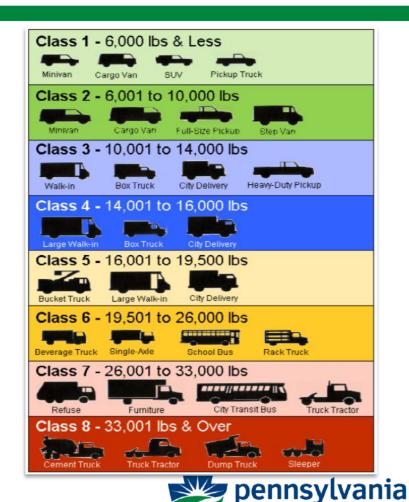
- Commits signatories to work together to foster a selfsustaining market for zero emission medium- and heavy-duty duty (MHD) vehicles.
- Call for 30% of new truck and bus sales to be zero-emission by 2030 and 100% by 2050
- Emphasizes need to accelerate deployment of zero-emission trucks and buses in disadvantaged communities.
- Directs development and implementation of MHD ZEV Action Plan.



Affected Vehicles

Truck Classifications

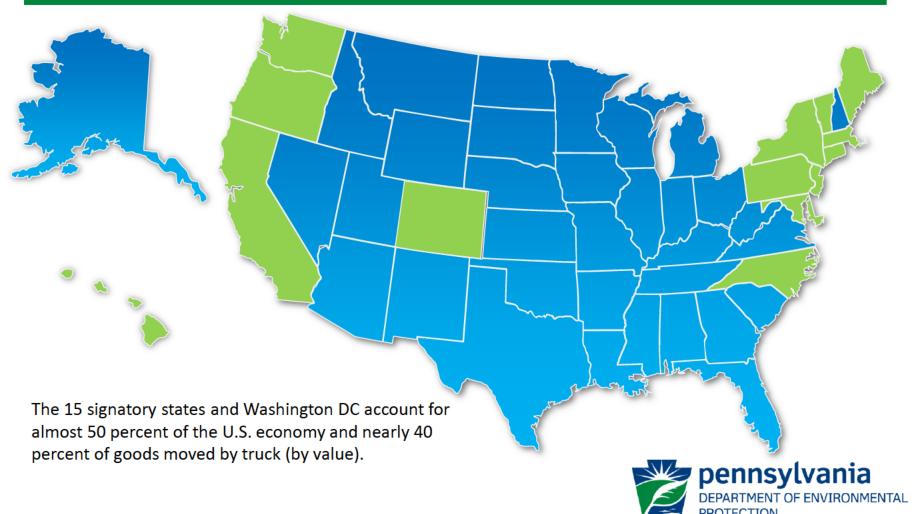
- Vehicle classes are based on gross vehicle weight rating (GVWR)
- Class 2 is subdivided into:
 - Class 2a with a GVWR of 6,001-8,500 lb; and
 - Class 2b vehicles with a GVWR of 8,501-10,000 lb.
- MHDVs consist of classes 2b-8.



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MHD ZEV MOU Signatories



Sources:

Tentative Timeline

Seek Conduct State Stakeholder Stakeholder Approval Input on Outreach **Process** Draft Plan Jan-Feb Summer April-May 2021 2020 2021 May/June Fall 2020 March 2021 2021 Develop Revise Release Draft Draft Final Action Action Action Plan Plan Plan



Outreach

- NESCAUM is speaking with national leaders in the fields of electric vehicles and infrastructure such as:
 - Automobile Manufacturers
 - Electric Utilities / PUCs
 - Environmental Justice Advocates
 - o NGOs
 - Electric Vehicle Supply Equipment Providers
 - Commercial Truck Fleets
- DEP will continue outreach efforts to engage similar types of Pennsylvania-specific stakeholder groups.











Bureau of Air Quality

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