

Advanced Clean Trucks rule is New Jersey's road to clean transportation



Transitioning trucks and buses from diesel to zero-emission motors is one of the most powerful opportunities New Jersey has to build on its momentum as a climate leader and reduce pollution, address equity issues, improve public health and spark economic growth across the state.

About one in four children in Newark have asthma – three times higher than the national average.

**Environmental
Protection Agency**

A key to New Jersey's clean economy

Transportation is the most polluting sector in New Jersey. It emits nearly half of the state's greenhouse gas emissions and is the largest contributor of local air pollution that causes a host of health threats. Trucks and buses are responsible for a disproportionate share of this pollution because they run on diesel fuel. Adopting the Advanced Clean Trucks (ACT) rule, which requires manufacturers to produce zero-emission trucks and buses, is a critical step toward lowering transportation emissions and healthier neighborhoods throughout New Jersey.

The ACT can build on New Jersey's momentum as a climate leader and get the state closer to 100% zero-emission truck and bus sales by 2040 and a full fleet turnover by 2050.

A healthier, more equitable state

Diesel medium- and heavy-duty trucks and buses make up almost 11% of vehicles on New Jersey roads. This sector is dirtier than passenger vehicles and is responsible for 42% and 63% of transportation-related emissions of nitrogen oxides and sulfur oxides, contaminants that cause asthma and premature deaths. According to [The American Lung Association](#), a move to zero-emission light and medium- and heavy-duty vehicles, would prevent nearly 200 premature deaths, more than 2,300 asthma attacks and 11,000 lost workdays in New Jersey – roughly \$2 billion a year in public health benefits.

Adopting the ACT is key to improving the health of all New Jerseyans. It will be particularly powerful for lower income families and communities of color located near freight corridors, ports, bus depots and Newark airport – who live with higher pollution risk and are [more susceptible to COVID as a result](#).



Benefits for manufacturers, owners and consumers

The ACT is more than good transportation policy. Requiring manufacturers to produce zero-emission trucks and buses is a powerful opportunity for New Jersey to reinforce the climate, health and economic growth priorities state leaders have already committed to.

Companies and consumers recognize the benefits that come with a transition to cleaner transportation. Many zero-emission trucks and buses have a lower total cost of ownership than their diesel equivalents, even without incentives. Continued advances in technology are expected to make all zero-emission trucks and buses cost competitive by the end of the decade. Demand for these vehicles is increasing, and companies are

[already investing heavily](#) to advance more vehicle options and have announced scores of new, zero-emission truck models. Consumers also know that the transition to zero-emission trucks and buses will benefit them and their communities.

By adopting the ACT, New Jersey can build on its existing clean transportation incentives and facilitate the development of the zero-emissions medium- and heavy-duty vehicle market in the northeast. The ACT would create the momentum for New Jersey fleet owners and operators to capitalize on a growing sustainable, zero-emissions transportation and freight system.

For more information, please contact **Mary Barber, Director, Legislative and Regulatory Affairs, 212-616-1351, mbarber@edf.org**

Environmental Defense Fund
257 Park Avenue South
New York, NY 10010

T 212 505 2100
F 212 505 2375
edf.org

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