

US EPA ARCHIVE DOCUMENT



Project Report:

**Hamilton County Board of
County Commissioners**

EPA Funding Source:

**American Recovery
and Reinvestment Act**



Funding

\$1,080,000

U.S. EPA

Breakdown:

\$3,547,827 Match/Leveraged Funds



**Project Location:
Hamilton County, OH**

Funding for this project comes from the American Recovery and Reinvestment Act (**\$1,080,000**) and from leveraged funding from seven school districts in Hamilton County (**\$3,547,827**).

School Bus Replacements

Due to dwindling state funds and tighter budgets, school districts in Southwest Ohio are maintaining older buses in their fleets well beyond the normal replacement cycle. These pre-1993 buses are not eligible for exhaust retrofit technology because of their age. Even though these buses are a small portion of the entire fleet, they represent a significant portion of the overall fleet emissions.

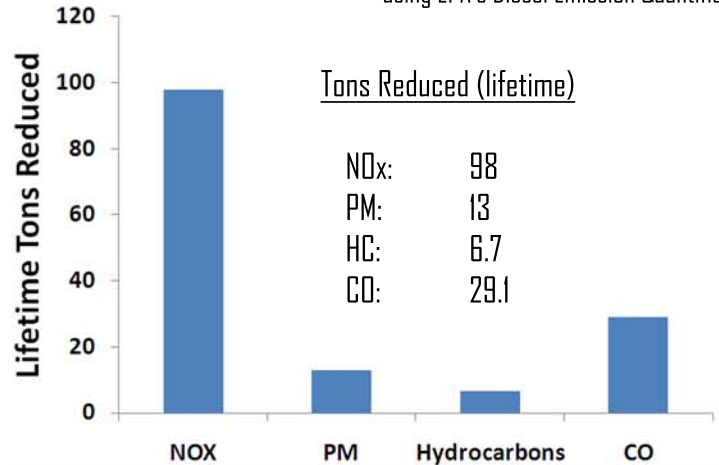
This grant targeted these pre-1993 buses for replacement. Seven school districts agreed to partner in the grant project and committed to accelerate the replacement of 60 pre-1993 school buses (33 were pre-1990 buses) with new, cleaner emission buses meeting 2007 emissions standards. In addition, the purchase of these 60 buses helped stabilize job preservation in the school bus manufacturing and associated industries and injected \$4,627,827 into the economy.



One of 60 new school buses meeting 2007 diesel emission standards

Emissions Reductions

Emissions reductions are estimated using EPA's Diesel Emission Quantifier



Health Benefits

Emissions from diesel engines contain pollutants that affect respiratory health. These pollutants can increase incidents of asthma, and can exacerbate existing cardiopulmonary conditions.

This project will **save \$3,350,000 in health costs** as a result of reduction of PM. This represents monetary savings from: lost work days, hospital and health care bills, and other costs that will not be spent as a result of the pollution reduced from the replacement of 60 older school buses.

You can visit EPA's Diesel Emissions Quantifier at:
<http://www.epa.gov/cleandiesel/quantifier>

The Midwest Clean Diesel Initiative is a public-private partnership to reduce diesel emissions in the Midwest. Find out more at www.epa.gov/midwestcleandiesel

