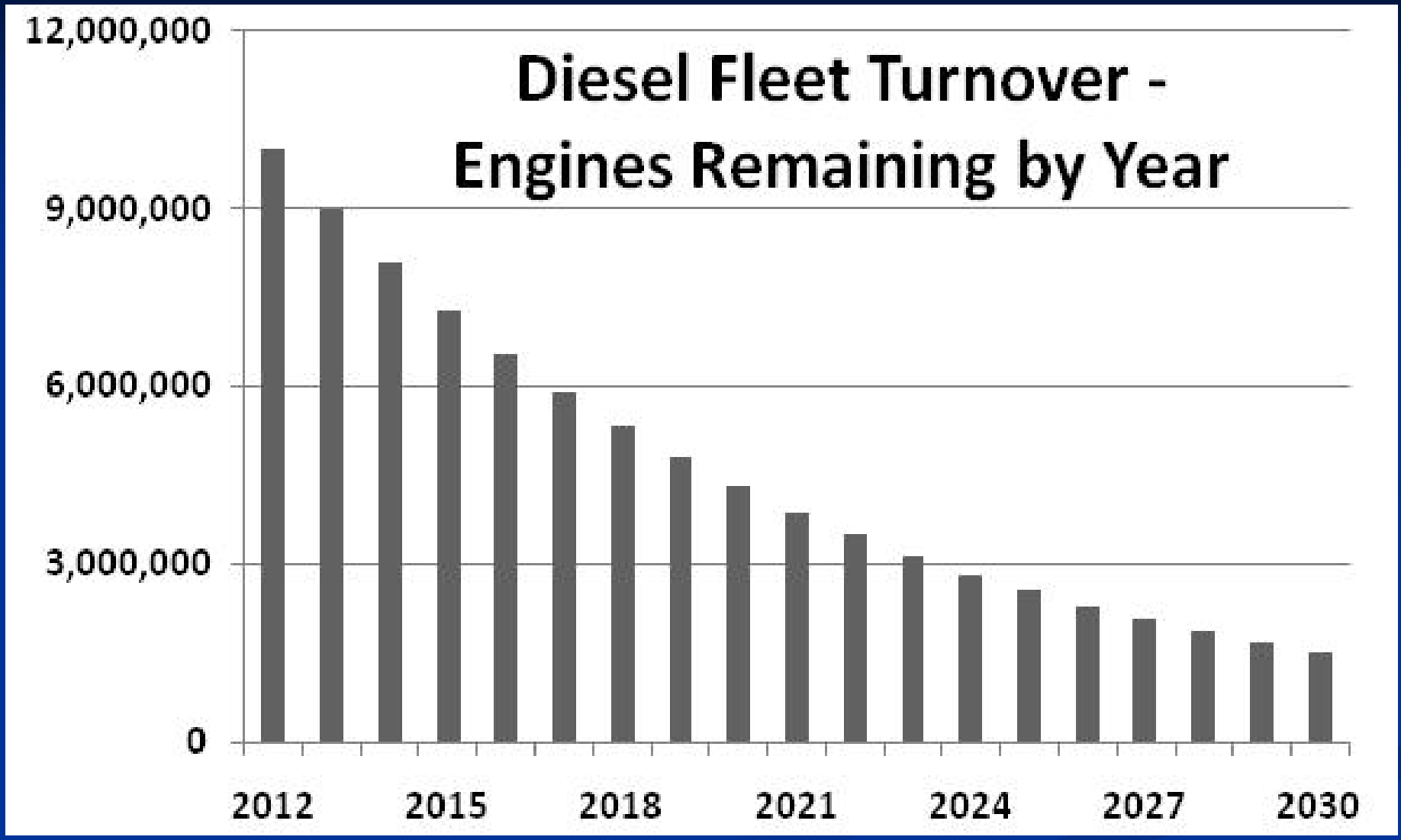
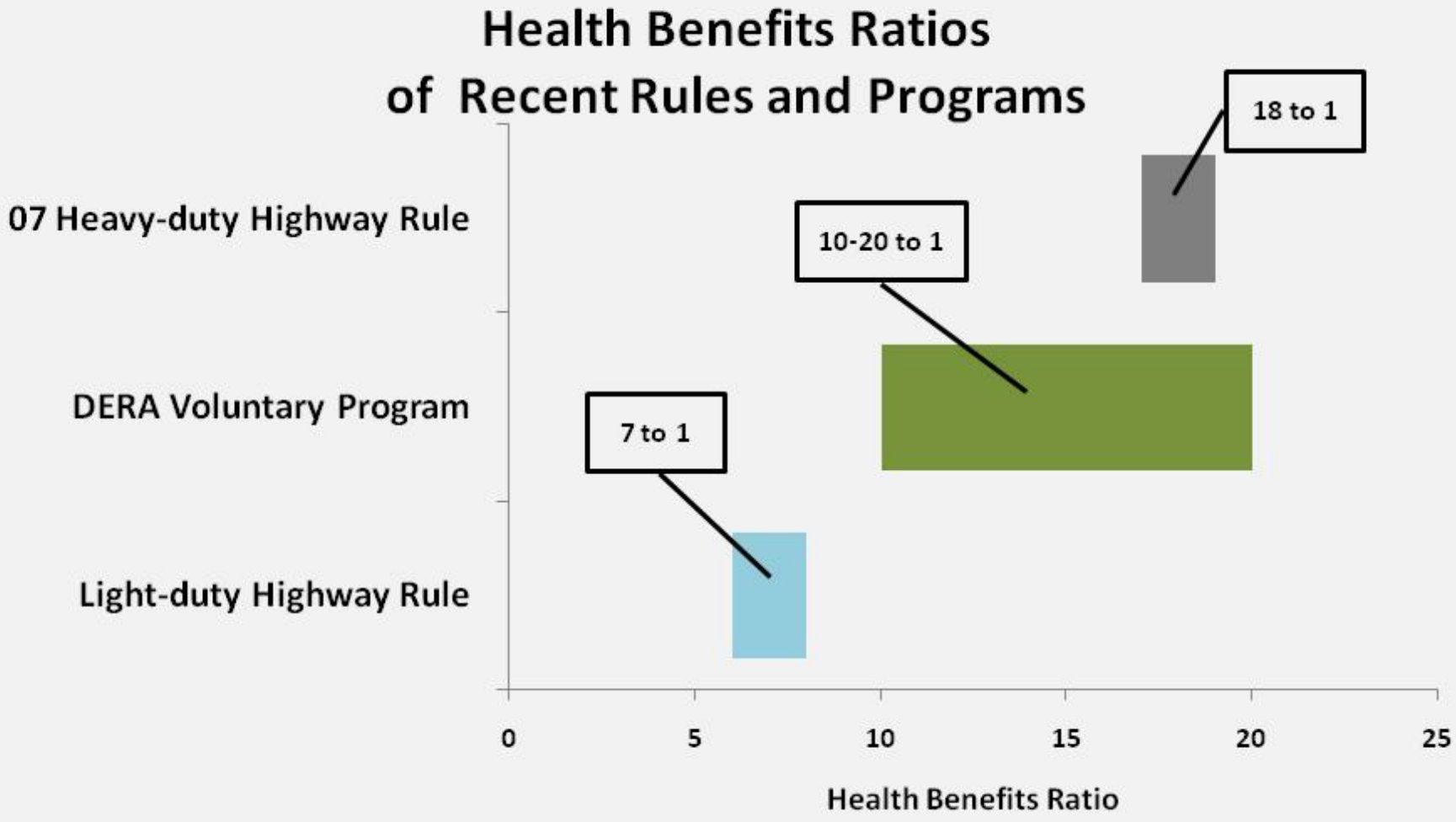
Clean Diesel Program

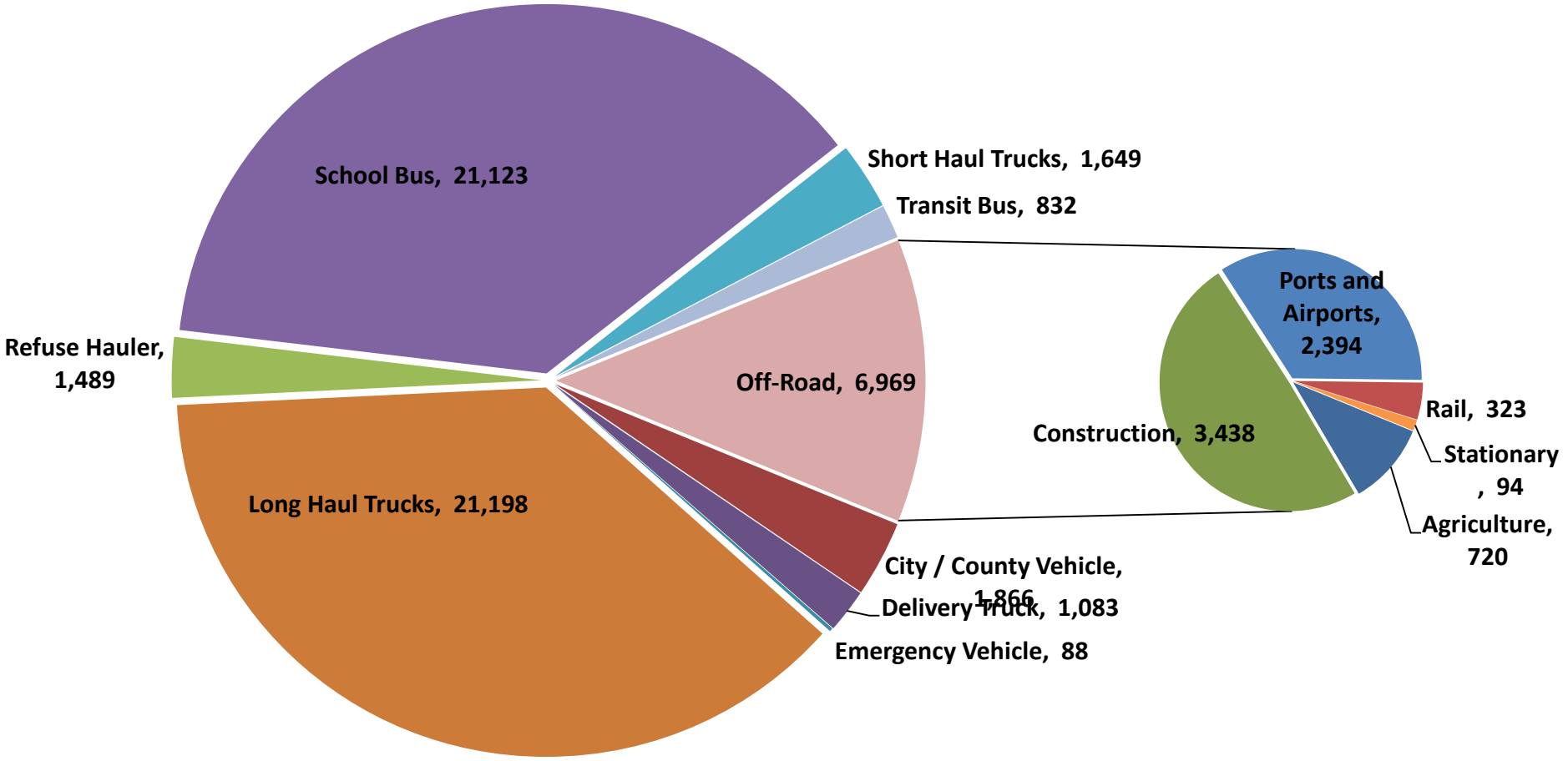

Diesel Fleet Turnover -
Engines Remaining by Year
12,000,000
9,000,000
6,000,000
3,000,000
0
2012
2015
2018
2021
2024
2027
2030

SOURCE: OTAQ


Health Benefits Ratios
of Recent Rules and Programs
07 Heavy-duty Highway Rule
DERA Voluntary Program
Light-duty Highway Rule
18 to 1
10-20 to 1
7 to 1
0
5
10
15
20
25
Health Benefits Ratio

Source: OTAQ

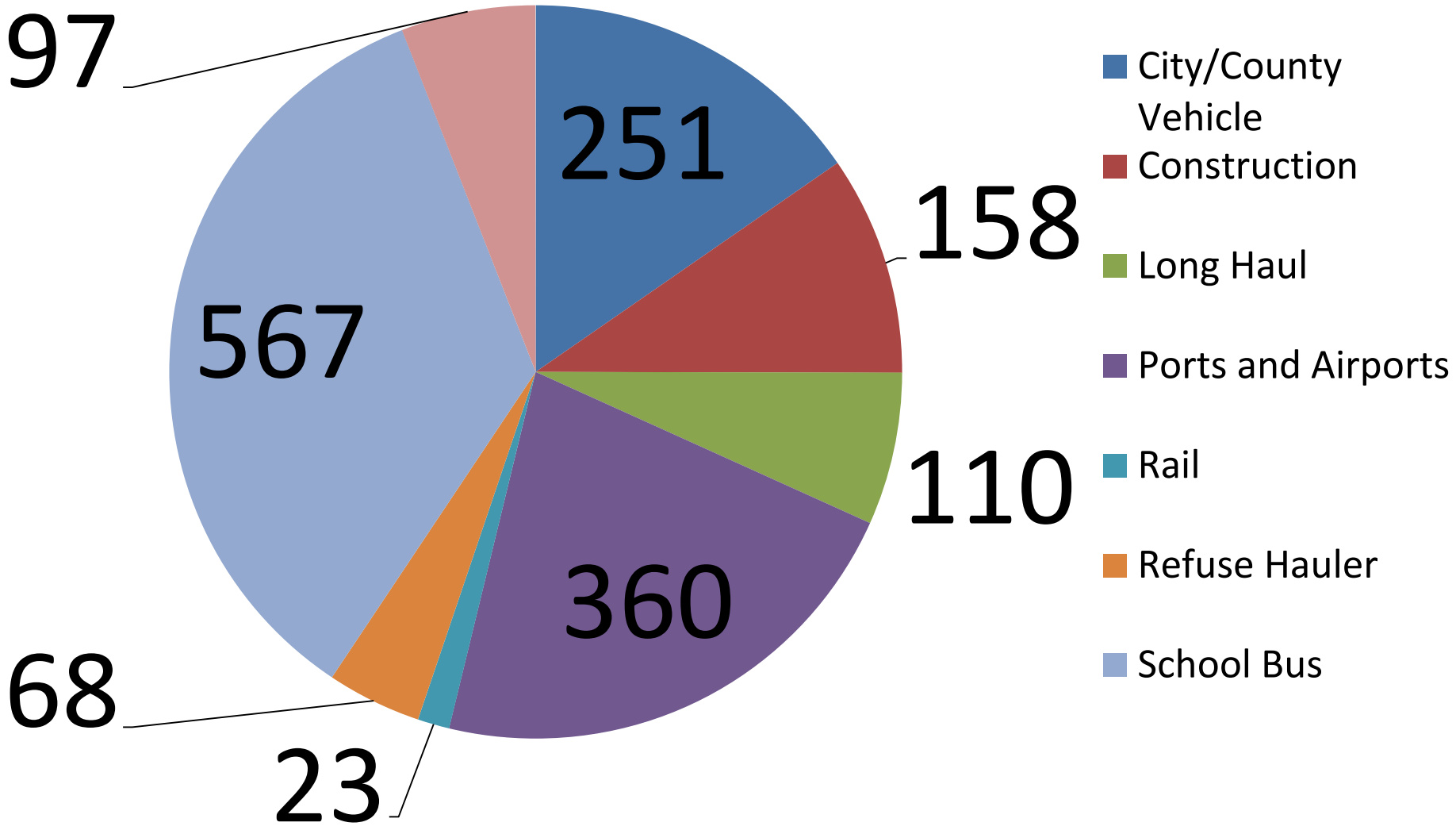
National DERA Grants
DERA I (08-11) and ARRA



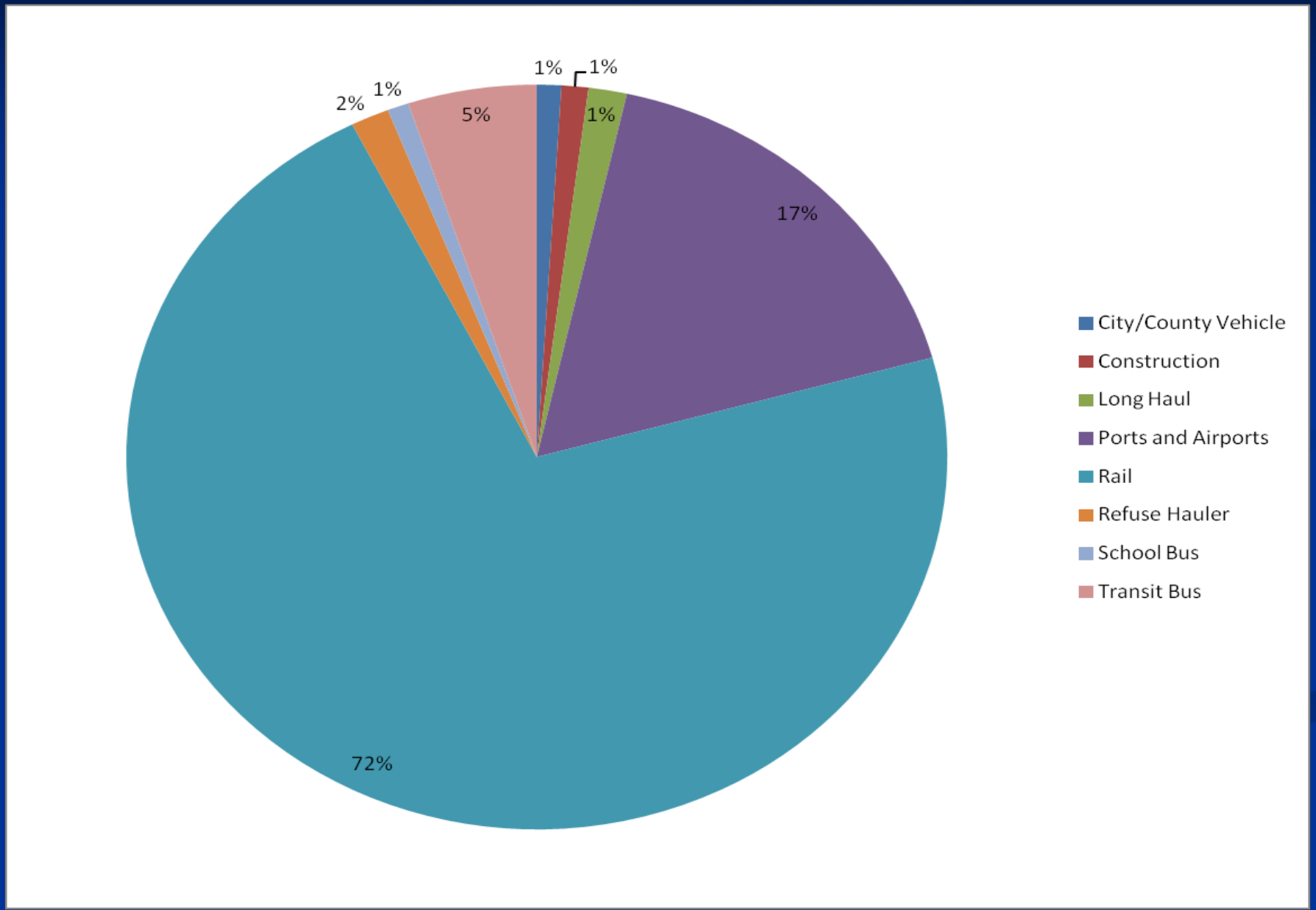
SOURCE: OTAQ, # of vehicles/equipment cleaned up

Mid-Atlantic DERA Grants

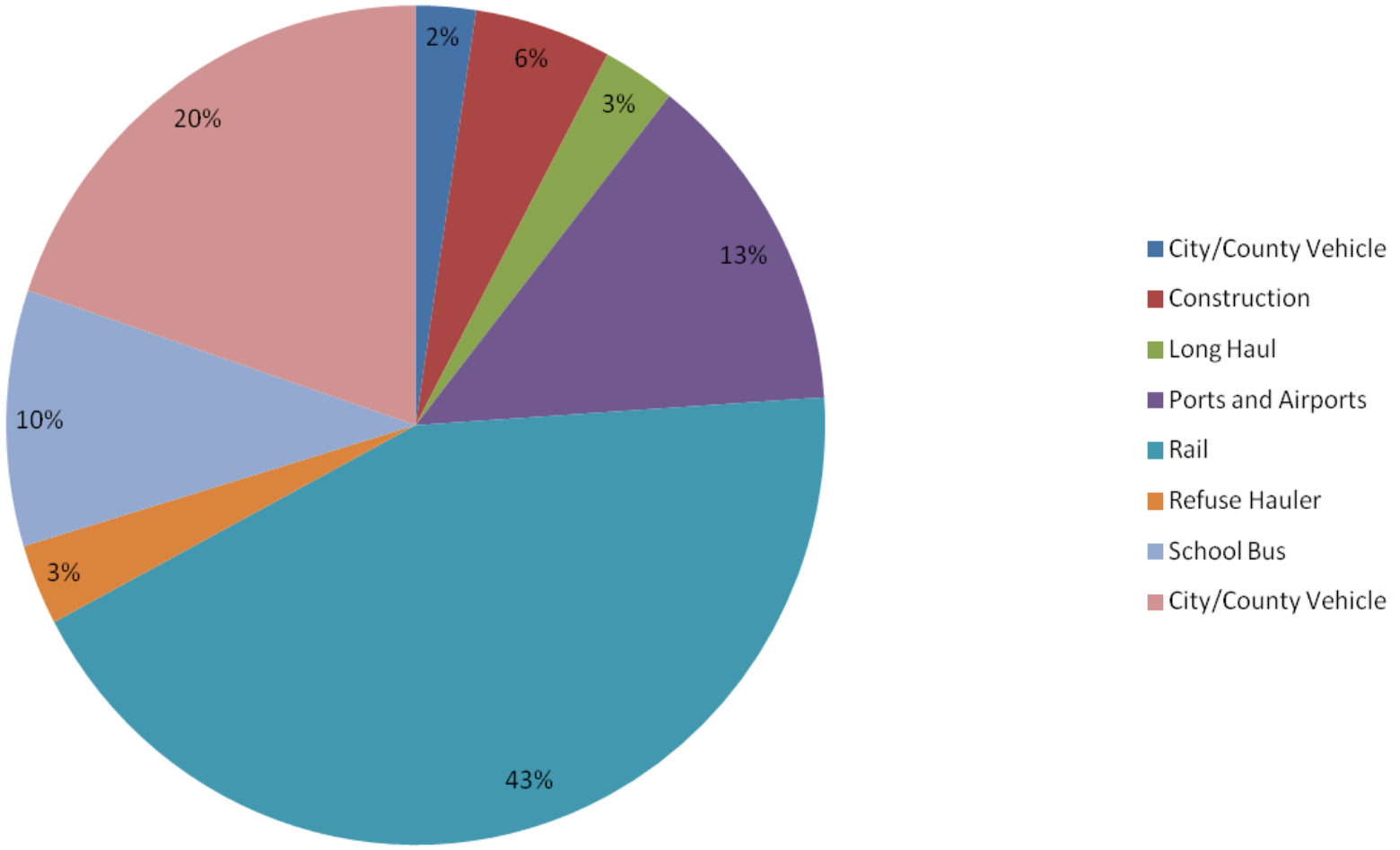
of Vehicles by Sector



Mid-Atlantic DERA Grants
Lifetime NOx Reductions

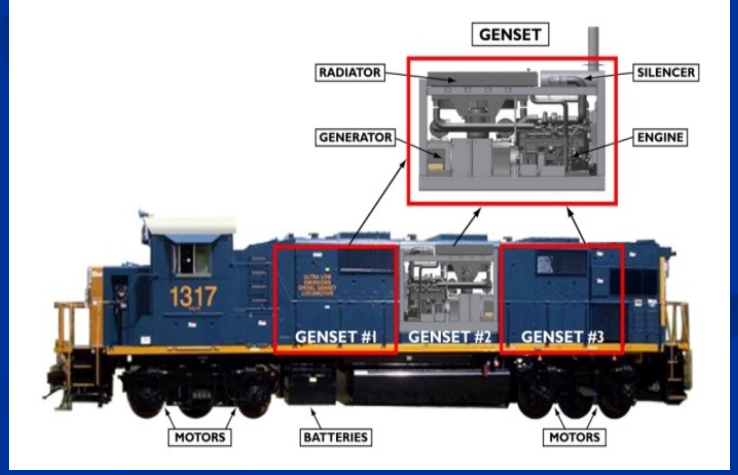


Mid-Atlantic DERA Grants
Lifetime PM Reductions



Diesel Grant Example
Allegheny County CSX Switcher Locomotive
Private-Public Partnership

- Repower switcher engine with 2 GENSET engines.
- EPA funding: $875,000/ CSX $325,000
- Emission reductions (TPY): 16.6 NOx; 0.5 PM; 172 CO
- Equal to eliminating exhaust from 19 trucks a year/300 over the life of the project.



What Next?

- The President's FY13 budget request included $15 million for DERA. Final appropriation remains uncertain.
- The success of the *School Bus Rebate* program may lead to increased emphasis on rebate programs.
- The Mid-Atlantic Diesel Collaborative will continue to promote diesel emission reductions through technical assistance and outreach.