

Table 2-4. Trucks to cars visualization

Trucks to cars visualizations

Constants		Year of estimate	Source
125	Number of pounds per day	2000	This report
395	Number of cars per truck for PM	2000	Union of Concerned Scientists 2000 Rolling Smokestacks Report; p.3; assumes 2004 national standards, uses EPA 1999 modeling for emissions and 2000 Dept of Commerce for annual miles traveled
49.5	Pounds per year diesel truck DPM emissions for a 2004 standard truck (running diesel 2?)	2000	Union of Concerned Scientists 2000 Rolling Smokestacks Report; p.3; assumes 2004 national standards, uses EPA 1999 modeling for emissions and 2000 Dept of Commerce for annual miles traveled
250	number of working days per year		

Calculations	
2.53	Number of diesel truck equivalents (annual)
997	Number of car PM emissions equivalents (annual)
249,369	Number of car PM emissions equivalents (one day)
631	Number of diesel truck equivalents (one-day)

Car Length (in)	Car model (year and make)	Car Width (in)	Source
197.9	2004 Chevrolet Monte Carlo 2-door coupe	72.7	Consumer Reports (http://auto.consumerguide.com/auto/new/reviews/full/index.cfm/id/37520#specifications)
189.5	2004 Honda Accord 4-door sedan	71.5	Consumer Reports http://auto.consumerguide.com/auto/new/reviews/full/index.cfm/id/37579#specifications
212	1977 Chevrolet Impala Sedan		

47,255,366 inches (Honda Accord)	17,829,861
12 inches to feet	12
3937947.18 feet	1485821.76
5280 feet to mile	5280
746 miles	281

50 How many miles of streets in West Oakland? 40-50?
Street let 3-4 cars wide.

14.9164666 how many times one layer deep
3.72911665 how many times 4 cars wide
three to four cars deep!