

Heavy-Duty On-Road Vehicle Use Survey for the Atlanta Heavy-Duty Vehicle and Equipment Inventory and Emissions Study

Sponsored by:

The Georgia Regional Transportation Authority, Georgia Department of Natural Resources and Georgia Department of Transportation

Conducted by:



January, 2003

Please fill out the following survey (3-page questionnaire plus 1-page table) for all heavy-duty on-road vehicles your company owns and/or operates. Heavy-duty on-road vehicles are defined as vehicles exceeding 8,500 pounds gross vehicle weight rating. For your convenience this survey is also available on-line at <http://www.grta.org/heavydutystudy>.

Company Information

- 1) Company Name _____
- 2) Address: _____
City/State/Zip Code _____
- 3) Contact Name _____
- 4) Contact Phone Number _____
- 5) Fax Number _____
- 6) D&B Revenue \$ (optional) _____
- 7) D&B Number of Employees (optional) _____

On-Road Vehicle Use Survey

Q1. Which of the following categories best describes the type of your company? (Circle the best response)

1. Trucking company
2. Terminal (transfer/intermodal)
3. Commercial maintenance facility
4. Municipal services _____
(please specify the type of services)
5. Utility services _____
(please specify the type of services your company provides)
6. Delivery services
7. Other _____
(please specify)

Q2. The heavy-duty vehicles your company operates are:

- Owned by the company
- Leased (90 days or longer)
(if this option checked, please provide the name of the leasing company _____)
- Rental/short-term lease (less than 90 days)
- Our company does not operate heavy-duty vehicles

Q3. Which of the following refueling options does your company use? (Check all that apply).

- Highway Fuel Pumps
 - Outside Supplier
 - Centralized refueling station owned by the company
- If this option checked, please indicate the Site Capacity for each fuel type your company uses:
 Diesel _____ Gasoline _____ CNG _____ LNG _____ Propane _____
 If known please indicate the sulfur content of fuel used _____.
- Other _____
 (please explain)

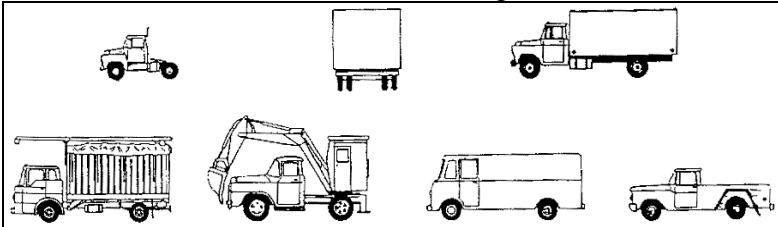
Q4. In which of the following counties do the company's vehicles routinely operate? (Check all that apply).

- | | | | | | |
|-----------------------------------|-----------------------------------|----------------------------------|--|----------------------------------|-----------------------------------|
| <input type="checkbox"/> Barrow | <input type="checkbox"/> Bartow | <input type="checkbox"/> Carroll | <input type="checkbox"/> Cherokee | <input type="checkbox"/> Clayton | <input type="checkbox"/> Cobb |
| <input type="checkbox"/> Coweta | <input type="checkbox"/> Dawson | <input type="checkbox"/> DeKalb | <input type="checkbox"/> Douglas | <input type="checkbox"/> Fayette | <input type="checkbox"/> Forsyth |
| <input type="checkbox"/> Fulton | <input type="checkbox"/> Gwinnett | <input type="checkbox"/> Hall | <input type="checkbox"/> Henry | <input type="checkbox"/> Newton | <input type="checkbox"/> Paulding |
| <input type="checkbox"/> Rockdale | <input type="checkbox"/> Spalding | <input type="checkbox"/> Walton | <input type="checkbox"/> All counties | | |

Please answer the following four questions for every type of vehicle your company operates.

Type A vehicles

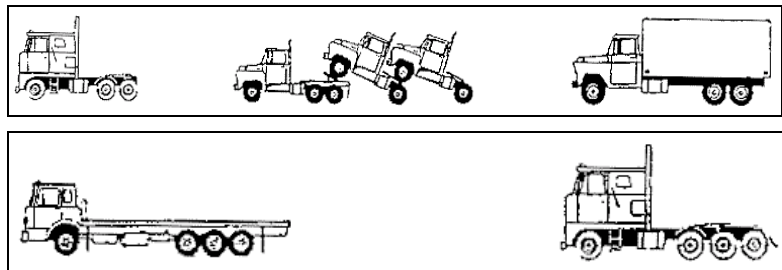
FHWA Class 5 vehicles: Two-axle single unit trucks



1. How many vehicles of this type does your company operate? _____
2. Estimate an average number of miles traveled per vehicle per year: _____
3. Estimate an average percentage of miles each vehicle traveled in the 21 counties listed in Q4: _____
4. Estimate an average percentage of *non-freeway* miles each vehicle traveled in 21 counties listed in Q4: _____

Type B vehicles

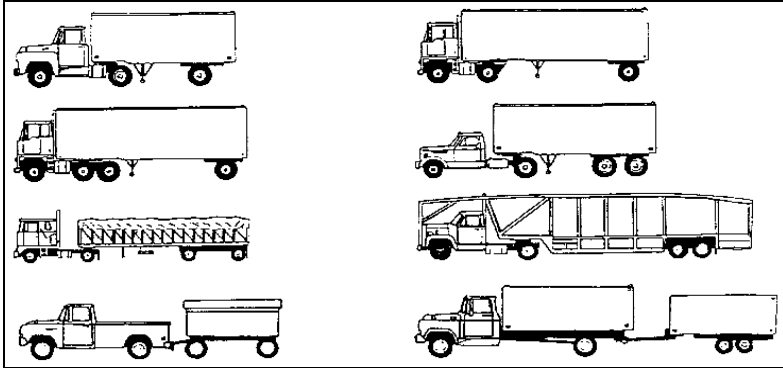
FHWA Class 6 and class 7 vehicles: Single unit trucks with more than two axles



1. How many vehicles of this type does your company operate? _____
2. Estimate an average number of miles traveled per vehicle per year: _____
3. Estimate an average percentage of miles each vehicle traveled in the 21 counties listed in Q4: _____
4. Estimate an average percentage of *non-freeway* miles each vehicle traveled in 21 counties listed in Q4: _____

Type C vehicles

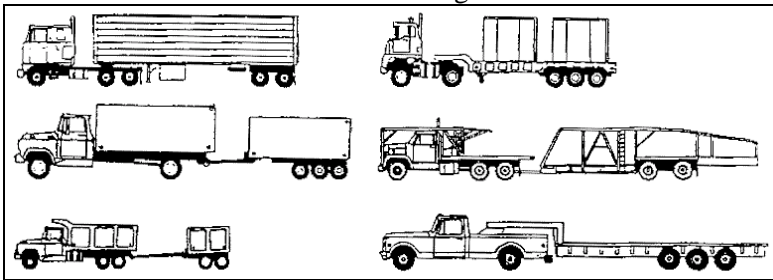
FHWA Class 8 vehicles: Three-four axle, single trailer vehicles



1. How many vehicles of this type does your company operate? _____
2. Estimate an average number of miles traveled per vehicle per year: _____
3. Estimate an average percentage of miles each vehicle traveled in the 21 counties listed in Q4: _____
4. Estimate an average percentage of *non-freeway* miles each vehicle traveled in 21 counties listed in Q4: _____

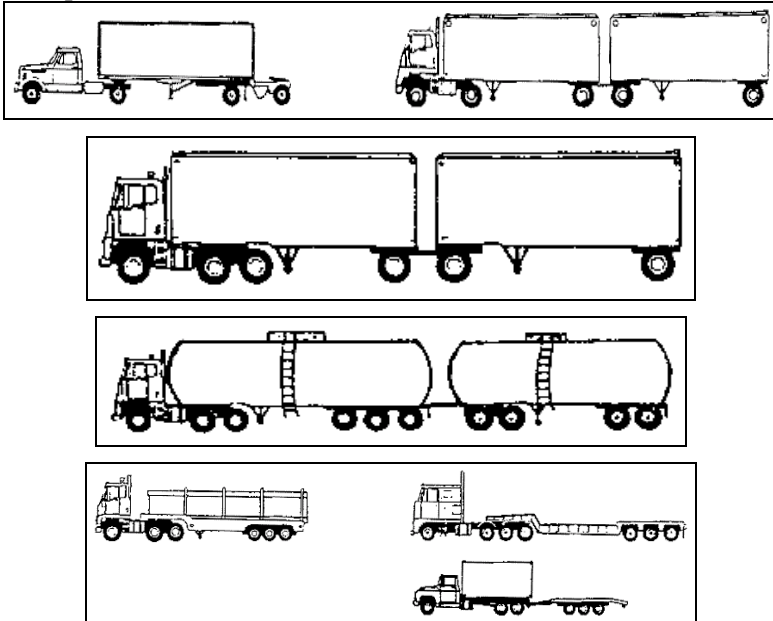
Type D vehicles

FHWA Class 9 vehicles: Five-axle single trailer truck combination



1. How many vehicles of this type does your company operate? _____
2. Estimate an average number of miles traveled per vehicle per year: _____
3. Estimate an average percentage of miles each vehicle traveled in the 21 counties listed in Q4: _____
4. Estimate an average percentage of *non-freeway* miles each vehicle traveled in 21 counties listed in Q4: _____

FHWA Class 10 through 13 vehicles: Six+ axle, or more multiple-trailer trucks



Please enter as much information as possible about the heavy-duty vehicles that your company owns into table below. If your company owns **less** than 9 heavy-duty vehicles, please enter the data for each and every vehicle. If your company owns **more** than 9 heavy-duty vehicles, group your vehicles by type and model year and enter the data for each model year. Please make copies of this page if you need additional space. Extra copies of this survey may also be downloaded from <http://www.grta.org/heavydutystudy>. If you already have the database, which contains the same information as the table below and you wish to provide us with it, please send your database as email attachment to onroad@aql.eas.gatech.edu.

Heavy-Duty Vehicles Profiles

| Vehicle Type (A-D)* | Vehicle Model Year | Number of Vehicles of this Model Year | Gasoline(G) or Diesel (D) or LNG or CNG or Propane | Engine Manuf.& Model | Engine Model Year** | Engine Displacement*** | Expected Remaining Service Life in Years*** | Vehicle Miles Traveled per Year | Typical Engine Fuel Use in Gallons/yr |
|---------------------|--------------------|---------------------------------------|--|----------------------|---------------------|------------------------|---|---------------------------------|---------------------------------------|
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* Please use classification scheme presented for the previous questions
 ** If different from the Vehicle Model Year. If Engine has been recalibrated than, please place an “R” after model year (e.g. 1996R)
 *** These questions are optional

Additional comments _____

Please return the survey in the enclosed envelope to: Air Quality Laboratory
 School of Civil & Environmental Engineering
 Georgia Institute of Technology
 Atlanta, Georgia, 30332-0355

With all the questions regarding this survey please contact: Ms. Olga Kemenova
 School of Civil & Environmental Engineering, Georgia Tech
 phone: (404)-894-9345
 e-mail: olga@aql.eas.gatech.edu