

**Vehicle Inventory and Use Survey (VIUS) 1997**  
**Technical Documentation**

The Bureau of Transportation Statistics

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D LINKID            11        1        0

LINKID = Link Identification

Serial number assigned to the vehicle.  
This is the sample unit identifier.

U        All sample units

V                    000000000000 -> 000999999999

D FIPST                2        12        0

FIPST = Federal Information Processing Standards State Code

FIPS state code for the sample unit. A two digit code assigned  
to identify each state and the District of Columbia.

U        All sample units

V            01 .Alabama  
V            02 .Alaska  
V            04 .Arizona  
V            05 .Arkansas  
V            06 .California  
V            08 .Colorado  
V            09 .Connecticut  
V            10 .Delaware  
V            11 .District of Columbia  
V            12 .Florida  
V            13 .Georgia  
V            15 .Hawaii  
V            16 .Idaho  
V            17 .Illinois  
V            18 .Indiana  
V            19 .Iowa  
V            20 .Kansas  
V            21 .Kentucky  
V            22 .Louisiana  
V            23 .Maine  
V            24 .Maryland  
V            25 .Massachusetts  
V            26 .Michigan  
V            27 .Minnesota  
V            28 .Mississippi  
V            29 .Missouri  
V            30 .Montana  
V            31 .Nebraska  
V            32 .Nevada  
V            33 .New Hampshire  
V            34 .New Jersey  
V            35 .New Mexico  
V            36 .New York  
V            37 .North Carolina  
V            38 .North Dakota  
V            39 .Ohio  
V            40 .Oklahoma  
V            41 .Oregon  
V            42 .Pennsylvania  
V            44 .Rhode Island  
V            45 .South Carolina  
V            46 .South Dakota

V 47 .Tennessee  
V 48 .Texas  
V 49 .Utah  
V 50 .Vermont  
V 51 .Virginia  
V 53 .Washington  
V 54 .West Virginia  
V 55 .Wisconsin  
V 56 .Wyoming  
V 99 .Not Reported

D SAMTYP 1 14 0

SAMTYP = Sample Type (Strata)

The sample was divided into 5 units (strata):

Stratum 1 consists of pickup trucks.

Stratum 2 includes panel trucks, vans (including mini-vans), utility type vehicles (including jeeps) and station wagons on truck chassis.

Stratum 3 consists of all single-unit trucks (except those in the pickup and van strata) with a gross vehicle weight (gvw) of 26,000 pounds or less.

Stratum 4 consists of the remaining single-unit trucks.

Stratum 5 consists of truck tractors.

U All sample units  
V 1 .Stratum 1  
V 2 .Stratum 2  
V 3 .Stratum 3  
V 4 .Stratum 4  
V 5 .Stratum 5

D EXPANF 8 15 3

EXPANF = Expansion Factor (weight)

Expansion factor or weighting factor for trucks.

U All sample units  
V 00000.00 -> 17555.29

D MAKE 2 23 0

MAKE = Make of Vehicle

The vehicle manufacturer.

U All sample units  
V 01 .Autocar  
V 02 .Chevrolet  
V 03 .Dodge  
V 04 .Ford  
V 05 .GMC  
V 06 .Hino  
V 07 .International  
V 08 .Isuzu  
V 09 .Jeep  
V 10 .Kenworth  
V 11 .Mazda  
V 12 .Mack

V	13 .Midliner
V	14 .Mitsubishi
V	15 .Nissan
V	16 .Plymouth
V	17 .Peterbilt
V	18 .Toyota
V	19 .Volvo
V	20 .Western
V	21 .White Freightliner
V	22 .White GMC
V	23 .White
V	24 .Other (domestic)
V	25 .Other (foreign)
V	26 .Unknown

D MDLYR                    2            25            0

MDLYR = Model Year of Vehicle

The year the vehicle was manufactured.

U	All sample units
V	01 .1998,1997
V	02 .1996
V	03 .1995
V	04 .1994
V	05 .1993
V	06 .1992
V	07 .1991
V	08 .1990
V	09 .1989
V	10 .1988
V	11 .Pre-1988

D ACQMON                2            27            0

ACQMON = Acquisition Month

Question: When did you obtain this vehicle?

\*The month the vehicle was acquired.

U	All sample units
V	01 .January
V	02 .February
V	03 .March
V	04 .April
V	05 .May
V	06 .June
V	07 .July
V	08 .August
V	09 .September
V	10 .October
V	11 .November
V	12 .December
V	Blank .Not reported

D ACQYR                2            29            0

ACQYR = Acquisition Year

Question: When did you obtain this vehicle?

\*The year the vehicle was obtained.

U All sample units  
V '00 -> '98  
V Blank .Not reported

D OBTAIN 1 31 0  
OBTAIN = How Obtained

Question: How did you obtain this vehicle?

U All sample units  
V 1 .Purchased it new  
V 2 .Purchased it used  
V 3 .Leased or rented it from someone else  
V Blank .Not reported

D HOWLEA 1 32 0  
HOWLEA = How Leased or Rented (From Someone Else)

Question: How was this vehicle leased or rented?

U Sample units in strata 3, 4, and 5 with a value of '3' for  
OBTAIN  
V 1 .Without a driver  
V 2 .With a driver other than an owner-operator  
V 3 .With an owner-operator as driver  
V Blank .Not reported or not applicable

D HWLONG 1 33 0  
HWLONG = Lease/Rental Agreement for 12 Months or More?

Question: Was the agreement for 12 months or more?

U Sample units in strata 3, 4, and 5 with a value of '3' for  
OBTAIN  
V 1 .Yes  
V 2 .No  
V Blank .Not reported or not applicable

D TL\_FIN 1 34 0  
TL\_FIN = Financing Included in Lease?

Question: Did the leasing agreement include financing only?  
(Do not mark if installment sales contract).

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG  
V 1 .Yes  
V Blank .Not reported or not applicable

D TL\_FM 1 35 0  
TL\_FM = Full Maintenance Included in Lease?

Question: Did the leasing agreement include full maintenance?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG

V 1 .Yes

V Blank .Not reported or not applicable

D TL\_SPM 1 36 0

TL\_SPM = Maintenance of Specific Parts Included in Lease?

Question: Did the leasing agreement include maintenance on  
specified parts only?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG

V 1 .Yes

V Blank .Not reported or not applicable

D TL\_TAX 1 37 0

TL\_TAX = Payment of Taxes Included in Lease?

Question: Did the leasing agreement include payment of taxes?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG

V 1 .Yes

V Blank .Not reported or not applicable

D TL\_OLP 1 38 0

TL\_OLP = Licenses and Permits Included in Lease?

Question: Did the leasing agreement include provisions for  
obtaining licenses and permits?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG

V 1 .Yes

V Blank .Not reported or not applicable

D TL\_REC 1 39 0

TL\_REC = Recordkeeping Included in Lease?

Question: Did the leasing agreement include recordkeeping for  
leased trucks?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG

V 1 .Yes

V Blank .Not reported or not applicable

D TL\_OTH 1 40 0

TL\_OTH = Other Included in Lease?

Question: Did the leasing agreement include any other  
provisions (other than those listed)?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
HWLONG

V 1 .Yes

V 1 .Yes  
V Blank .Not reported or not applicable

D STLOWN 1 41 0  
STLOWN = Still Own?

Question: Is the vehicle in the Registration Information  
(cover page) still in your possession?

U All sample units  
V 1 .Yes  
V 2 .No  
V Blank .Not reported

D OWNLES 1 42 0  
OWNLES = Owner or Lessee?

Question: Are you the owner or the lessee?

U Sample units with a value of '1' for STLOWN  
V 1 .Owner  
V 2 .Lessee  
V Blank .Not reported or not applicable

D DISPOZ 1 43 0  
DISPOZ = Disposed Prior to July 1, 1996?

Question: Did you dispose of this vehicle prior to July 1,  
1996?

U Sample units with a value of '2' for STLOWN  
V 1 .Yes  
V 2 .No  
V Blank .Not reported or not applicable

D DISMON 2 44 0  
DISMON = Disposal Month

Question: When did you dispose of this vehicle?  
(If July 1, 1996 or after)

U Sample units with a value of '2' for DISPOZ  
V 01 .January  
V 02 .February  
V 03 .March  
V 04 .April  
V 05 .May  
V 06 .June  
V 07 .July  
V 08 .August  
V 09 .September  
V 10 .October  
V 11 .November  
V 12 .December  
V Blank .Not reported or not applicable

D DISYR 2 46 0  
DISYR = Disposal Year

Question: When did you dispose of this vehicle?  
(If July 1, 1996 or after)

U Sample units with a value of '2' for DISPOZ  
V '96 -> '98  
V Blank .Not reported or not applicable

D HOWRID 1 48 0  
HOWRID = How Disposed or Rid of the Vehicle

Question: How did you dispose of this vehicle?

U Sample units with a value of '2' for DISPOZ  
V 1 .Sold, traded, or gave it away  
V 2 .Junked, scrapped, or otherwise destroyed  
V 3 .Returned to leasing company  
V Blank .Not reported or not applicable

D LEAOUT 1 49 0  
LEAOUT = Vehicle Leased/Rented to Someone

Question: Did you lease or rent this vehicle to anyone else?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V 2 .No  
V Blank .Not reported or not applicable

D HLSOUT 1 50 0  
HLSOUT = How Leased or Rented (to someone else)

Question: How was it leased or rented?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
LEAOUT  
V 1 .Without a driver  
V 2 .With a driver other than an owner-operator  
V 3 .With an owner-operator as driver  
V Blank .Not reported or not applicable

D LLEOUT 1 51 0  
LLEOUT = Lease/Rental Agreement for 12 Months or More?

Question: Was the agreement for 12 months or more?

U Sample units in strata 3, 4, and 5 with a value of '1' for  
LEAOUT  
V 1 .Yes  
V 2 .No  
V Blank .Not reported or not applicable

D LO\_FIN 1 52 0  
LO\_FIN = Financing Included in Lease?

Question: If the agreement was for 12 months or more, did  
it include financing only? (Do not mark if installment  
sales contract).



U Sample units in strata 3, 4, and 5 with a value of '1' for LLEOUT

V 1 .Yes

V Blank .Not reported or not applicable

D LO\_FM 1 53 0  
LO\_FM = Full Maintenance Included in Lease?

Question: If the agreement was for 12 months or more, did it include full maintenance?

U Sample units in strata 3, 4, and 5 with a value of '1' for LLEOUT

V 1 .Yes

V Blank .Not reported or not applicable

D LO\_SPM 1 54 0  
LO\_SPM = Maintenance on Specific Parts Included in Lease?

Question: If the agreement was for 12 months or more, did it include maintenance on specified parts only?

U Sample units in strata 3, 4, and 5 with a value of '1' for LLEOUT

V 1 .Yes

V Blank .Not reported or not applicable

D LO\_TAX 1 55 0  
LO\_TAX = Payment of Taxes Included in Lease?

Question: If the agreement was for 12 months or more, did it include payment of taxes?

U Sample units in strata 3, 4, and 5 with a value of '1' for LLEOUT

V 1 .Yes

V Blank .Not reported or not applicable

D LO\_OLP 1 56 0  
LO\_OLP = Licenses and Permits Included in Lease?

Question: If the agreement was for 12 months or more, did it include provisions for obtaining licenses and permits?

U Sample units in strata 3, 4, 5 with a value of '1' for LLEOUT

V 1 .Yes

V Blank .Not reported or not applicable

D LO\_REC 1 57 0  
LO\_REC = Recordkeeping Included in Lease?

Question: If the agreement was for 12 months or more, did it include recordkeeping for leased trucks?

U Sample units in strata 3, 4, 5 with a value of '1' for LLEOUT

V 1 .Yes

V Blank .Not reported or not applicable

D LO\_OTH 1 58 0  
LO\_OTH = Other Included in Lease?

Question: If the agreement was for 12 months or more, did it include any other provisions (other than those listed)?

U Sample units in strata 3, 4, 5 with a value of '1' for LLEOUT  
V 1 .Yes  
V Blank .Not reported or not applicable

D BODTYP 2 59 0  
BODTYP = Body Type

The type of body that is either permanently attached to the power unit (i.e., straight or single-unit truck) or most frequently used with a truck tractor as a tractor-trailer combination.

Question (TC-9501): What is the body type of this vehicle?

Question (TC-9502): Please indicate the body type which most closely resembles this vehicle or the trailer MOST OFTEN ATTACHED to it if the power unit is a truck tractor.

Selected responses were further defined as follows:

- \*Panel or van - Van other than minivan
- Multistop or step van - including hi-cube or cutaway
- Platform with added devices - permanently mounted on bed of truck (high lift, hoist, etc.)
- Basic platform - including flatbed, stake, etc.
- Livestock truck - including livestock drop frame
- Drop frame van - including furniture van, etc.
- Open-top van - including fruit
- Basic enclosed van - dry cargo
- Public utility - used in public utility operations, body equipped for major repair
- Winch or crane - lifting equipment permanently mounted on vehicle
- Wrecker - for motor vehicle towing or lifting
- Pole or logging - includes pulpwood or pipe truck
- Service truck or "craftsman's vehicle"- body equipped for mobile repair and service
- Yard tractor - cab and chassis only, used to spot trailers
- Sport utility - includes small and mid-size sport utility vehicles (for example: Bronco, Blazer, Jeep, CJ-5, etc.)
- Station wagon - includes larger utility vehicles built on truck chassis (for example: Suburban, Wagoneer, etc.)
- Minivan - includes minivans that are manufactured on either a truck or passenger car chassis.
- Oilfield truck - service equipment permanently mounted on vehicle
- Grain body - including low-side grain and hoppers, etc.
- Garbage hauler - including trash or recycling truck
- Dump truck - including belly or bottom dump

U All sample units

V 01 .Pickup

V 02 .Panel or van

V 03 .Multistop or step van

V 04 .Platform with added devices

V 05 .Low boy or depressed center

V 06 .Basic platform

V 07 .Livestock truck

V 08 .Insulated nonrefrigerated van

V 09 .Insulated refrigerated van

V 10 .Drop-frame van

V 11 .Open-top van

V 12 .Basic enclosed van

V 13 .Beverage

V 14 .Public utility

V 15 .Winch or crane

V 16 .Wrecker

V 17 .Pole or logging

V 18 .Auto transport

V 22 .Service truck

V 23 .Yard tractor

V 24 .Sport utility

V 25 .Station wagon

V 26 .Minivan

V 27 .Oilfield truck

V 29 .Grain body

V 30 .Garbage hauler

V 40 .Dump truck

V 50 .Tank truck (liquids or gases)

V 60 .Tank truck (dry bulk)

V 70 .Concrete mixer

V 80 .Other

D NAXLES 1 61 0

NAXLES = Number of Axles on Power Unit

Question (TC-9501): What is the total number of axles on this vehicle (power unit) including front and rear axles? (Do not include axles on any trailers pulled.)

Question (TC-9502): What is the total number of axles on this truck or truck tractor (power-unit) including front and rear axles? (Do not include axles on any trailers pulled.)

\*A structural component to which wheels, brakes and suspension are attached.

U All sample units

V 1 .2 axles (each axle has 2 tires)

V 2 .2 axles (front has 2 tires, rear has 4 tires)

V 3 .3 axles

V 4 .4 axles or more

V 5 .Other

V Blank .Not reported

D LIFTAX 1 62 0

LIFTAX = Number of Lifiable Axles on Power Unit

Question: How many, IF ANY, of this vehicle's axles are liftable?

\*The number of axles on the vehicle that can be raised or lowered depending on the weight of the vehicle.

U All sample units in strata 3, 4, and 5  
V 0 -> 6 axles  
V Blank .Not reported or not applicable

D DRAXLS 1 63 0  
DRAXLS = Number of Driving Axles on Power Unit

Question (TC-9501): How many of the axles on this vehicle (power unit) are driving (powered) axles?

Question (TC-9502): How many of the axles on this truck or truck tractor (power unit) are driving (powered) axles?

\*Refers to the total number of axles that are directly powered by the engine.

U All sample units  
V 1 .1 driving axle  
V 2 .2 driving axles  
V 3 .3 driving axles or more  
V 4 .Other  
V Blank .Not reported

D VEHTYP 1 64 0  
VEHTYP = Vehicle Type

Question: Which best describes this vehicle as it was MOST OFTEN operated?

U All sample units in strata 3, 4, and 5  
V 1 .Straight truck not pulling a trailer  
V 2 .Straight truck pulling a trailer  
V 3 .Truck tractor (power-unit) pulling trailer(s)  
V 4 .Other

D TOTLEN 2 65 0  
TOTLEN = Total Length

Question: What was the overall length of this vehicle or vehicle and trailer(s) as it was MOST OFTEN OPERATED?  
(An estimate is acceptable.)

Note - Report distance from front bumper to rear of vehicle or trailer(s), whichever is applicable.

U All sample units  
V 01 .Less than 13.0 feet  
V 02 .13.0 to 15.9 feet  
V 03 .16.0 to 19.9 feet  
V 04 .20.0 to 27.9 feet  
V 05 .28.0 to 35.9 feet

V 06 .36.0 to 40.9 feet  
V 07 .41.0 to 44.9 feet  
V 08 .45.0 to 49.9 feet  
V 09 .50.0 to 54.9 feet  
V 10 .55.0 to 59.9 feet  
V 11 .60.0 to 64.9 feet  
V 12 .65.0 to 69.9 feet  
V 13 .70.0 to 74.9 feet  
V 14 .75.0 feet or more  
V Blank .Not reported

D TRLATT 1 67 0  
TRLATT = Were Trailers Attached > 50% of the Annual Mileage?

Question: Were any trailers attached for more than 50 percent of the vehicle's annual miles?

U All sample units in strata 1 and 2  
V 1 .Yes  
V 2 .No  
V Blank .Not reported or not applicable

D TRAILST 1 68 0  
TRAILST = Type of Trailer Attached to Straight Truck

Question: If you indicated that this vehicle is a straight truck pulling trailer(s), indicate below the kind of trailer(s) this vehicle MOST OFTEN PULLED.

\*A straight truck is a truck with the body and engine mounted on the same chassis.

Utility trailer was further defined as a utility or other trailer less than 20 feet.

Full trailer was further defined as one full trailer (or semi-trailer with converter dolly)

U All sample units in strata 3, 4, and 5 with VEHTYP of '2'  
V 1 .1 axle on utility trailer  
V 2 .2 axles on utility trailer  
V 3 .3+ axles on utility trailer  
V 4 .2 axles on full trailer  
V 5 .3 axles on full trailer  
V 6 .4+ axles on full trailer  
V Blank .Not reported or not applicable

D TRAILTT 2 69 0  
TRAILTT = Type of Trailer Attached to a Truck Tractor

Question: If you indicated that this vehicle is a truck tractor (power unit) pulling trailer(s), indicate below the kind of trailer(s) this vehicle MOST OFTEN PULLED.

2 trailers were further defined as one semi- and one full (or semi-trailer with converter dolly).

3 trailers were further defined as one semi- and two full

(or semi-trailers with converter dollies).

U All sample units in strata 3, 4, and 5 with VEHTYP of '3'  
V 01 .1 axle on 1 semi-trailer  
V 02 .2 axles on 1 semi-trailer  
V 03 .3+ axles on 1 semi-trailer  
V 04 .3 axles on 2 trailers  
V 05 .4 axles on 2 trailers  
V 06 .5 axles on 2 trailers  
V 07 .6+ axles on 2 trailers  
V 08 .5 axles on 3 trailers  
V 09 .6 axles on 3 trailers  
V 10 .7 axles on 3 trailers  
V 11 .8+ axles on 3 trailers  
V 12 .Other  
V Blank .Not reported or not applicable

D TRLNGTH 2 71 0  
TRLNGTH = Length of the Attached Trailer

Question: What was the total length of the trailer unit MOST  
OFTEN ATTACHED to the vehicle?

U Sample units in strata 1 and 2 with a value of '1' for TRLATT  
V 0 -> 99 feet  
V Blank .Not reported or not applicable

D PNOTRL 3 73 0  
PNOTRL = Percent Miles Pulling No Trailer

Question: What percent of 1997 mileage was NO trailer  
pulled by the vehicle (i.e., bobtail)?

U All sample units in strata 3, 4, and 5 with VEHTYP of '3'  
V 0 -> 100%  
V Blank .Not reported or not applicable

D PTRLATT 3 76 0  
PTRLATT = Percent Miles Reported Trailer Configuration Pulled

Question: What approximate percent of 1997 mileage was the  
trailer/axle configuration MOST OFTEN PULLED by this vehicle?

U All sample units in strata 3, 4, and 5 with VEHTYP of '2'  
or '3'  
V 0 -> 100%  
V Blank .Not reported or not applicable

D PCNTNR 3 79 0  
PCNTNR = Percent Miles Hauling Containers

Question: What approximate percent of 1997 mileage pulling  
trailers did this vehicle haul railroad, maritime, or  
domestic containers?

U All sample units in strata 3, 4, and 5 with VEHTYP of '2'

or '3'

V 0 -> 100%  
V Blank .Not reported or not applicable

D PPIGY 3 82 0  
PPIGY = Percent Miles Hauling Piggyback Trailers

Question: What approximate percent of 1997 mileage pulling trailers did this vehicle haul piggyback trailers?

\*A Piggyback trailer is a semitrailer built with reinforcements to withstand transport by a railroad flatcar.

U All sample units in strata 3, 4, and 5 with VENTYP of '2' or '3'

V 0 -> 100%  
V Blank .Not reported or not applicable

D PCONVTR 3 85 0  
PCONVTR = Percent Miles Hauling Conventional Trailers

Question: What approximate percent of 1997 mileage pulling trailers did this vehicle haul conventional trailers?

U All sample units in strata 3, 4, and 5 with VENTYP of '2' or '3'

V 0 -> 100%  
V Blank .Not reported or not applicable

D FSTTRL 1 88 0  
FSTTRL = Length of First or Only Trailer

Question: What was the exterior length of the first trailer included in the overall length?

U All sample units in strata 3, 4, and 5  
V 1 .1-20 feet  
V 2 .21-28 feet  
V 3 .29-35 feet  
V 4 .36-40 feet  
V 5 .41-44 feet  
V 6 .45-47 feet  
V 7 .48-52 feet  
V 8 .53 feet or more  
V Blank .Not reported or not applicable

D SNDTRL 1 89 0  
SNDTRL = Length of Second Trailer

Question: What was the exterior length of the second trailer included in the overall length?

U All sample units in strata 3, 4, and 5  
V 1 .1-28 feet  
V 2 .29 feet or more  
V Blank .Not reported or not applicable

D THDTRL 1 90 0

THDTRL = Length of Third Trailer

Question: What was the exterior length of the third trailer included in the overall length?

U All sample units in strata 3, 4, and 5  
V 1 .1 foot or more  
V Blank .Not reported or not applicable

D AXONTU 1 91 0  
AXONTU = Number of Axles on Attached Trailer Unit

Question: How many axles were on the trailer unit MOST OFTEN ATTACHED to the vehicle? (Do not include axles on the power unit.)

U Sample units in strata 1 and 2 with a value of '1' for TRLATT  
V 0 -> 5 axles  
V Blank .Not reported or not applicable

D WIDTH 1 92 0  
WIDTH = Width of Attached Trailer

Question: If this is a combination vehicle, what was the exterior width of the trailer MOST OFTEN ATTACHED to the truck or power unit? (If more than one trailer was most often pulled, give the WIDTH of the widest trailer pulled.) An estimate is acceptable.

U All sample units in strata 3, 4, and 5  
V 1 .96 inches  
V 2 .102 inches  
V 3 .More than 102 inches  
V 4 .Other  
V Blank .Not reported or not applicable

D EMPCK 1 93 0  
EMPCK = Empty Weight (check box)

Question: What was the EMPTY weight of this vehicle as it was usually operated? (If a trailer was pulled for more than 50 percent of the vehicle's annual miles, include weight of trailer.) An estimate is acceptable.

U All sample units in strata 1 and 2  
V 1 .Less than 6,001 lbs.  
V 2 .Other  
V Blank .Not reported or not applicable

D EMPWT 6 94 0  
EMPWT = Empty Weight (written)

Question: What was the EMPTY weight of this vehicle or vehicle/trailer combination as it was usually operated? An estimate is acceptable.

U All sample units in strata 3, 4, and 5  
V 0 -> 999,999 lbs.



V 0 -> 999,999 lbs.  
V Blank .Not reported or not applicable

D AVGCK 1 100 0  
AVGCK = Average Weight (check box)

Question: What was the AVERAGE weight (empty weight plus cargo weight) of this vehicle as it was usually operated? (If a trailer was pulled for more than 50 percent of the vehicle's annual miles, include weight of trailer and cargo.) An estimate is acceptable.

U All sample units in strata 1 and 2  
V 1 .Less than 6,001 lbs  
V 2 .6,001 to 10,000 lbs  
V 3 .10,001 to 14,000 lbs  
V 4 .14,001 to 16,000 lbs  
V 5 .16,001 to 19,500 lbs  
V 6 .Other  
V Blank .Not reported or not applicable

D AVGWT 6 101 0  
AVGWT = Average Weight (written)

Question: What was the AVERAGE weight (vehicle weight plus cargo weight) of the vehicle or vehicle/trailer combination when carrying a typical payload during 1997? An estimate is acceptable.

U All sample units in strata 3, 4, and 5  
V 0 -> 999,999 lbs.  
V Blank .Not reported or not applicable

D MAXWT 6 107 0  
MAXWT = Maximum Weight

Question: What was the GROSS weight (maximum) at which this vehicle or vehicle/trailer combination operated during 1997? An estimate is acceptable.

U All sample units in strata 3, 4, and 5  
V 0 -> 999,999 lbs.  
V Blank .Not reported or not applicable

D CABTYP 1 113 0  
CABTYP = Type of Cab

Question: What type of cab does this vehicle have?

\*The passenger compartment of the vehicle.

U All sample units in strata 3, 4, and 5  
V 1 .Cab forward of engine  
V 2 .Cab over engine  
V 3 .Conventional cab  
V 4 .Cab beside engine  
V 5 .Other  
V Blank .Not reported or not applicable

D ENGTYP                    1            114            0  
ENGTYP = Kind of Fuel Vehicle Uses

Question: What kind of fuel does this vehicle use?

U       All sample units  
V           1 .Leaded gasoline  
V           2 .Unleaded gasoline  
V           3 .Diesel  
V           4 .Liquefied gas (petroleum (LPG) or natural (LNG))  
V           5 .Other  
V       Blank .Not reported

D PKENGsze                    1            115            0  
PKENGsze = Engine Size Code

Administrative record: Engine size code/number of cylinders.

U       All sample units  
V           4 .4 cylinders  
V           6 .6 cylinders  
V           8 .8 cylinders  
V           9 .All other cylinders  
V       Blank .Not reported

D PKCID                    2            116            0  
PKCID = Cubic Inch Displacement

Administrative record: The size (displacement) of the vehicle's engine (in cubic inches).

U       All sample units

PKCID for ENGTYP values 1 (Leaded gasoline) and 2 (Unleaded gasoline):

V           01 .1-99 (Gasoline)  
V           02 .100-149 (Gasoline)  
V           03 .150-169 (Gasoline)  
V           04 .170-199 (Gasoline)  
V           05 .200-249 (Gasoline)  
V           06 .250-269 (Gasoline)  
V           07 .270-299 (Gasoline)  
V           08 .300-309 (Gasoline)  
V           09 .310-349 (Gasoline)  
V           10 .350-359 (Gasoline)  
V           11 .360-369 (Gasoline)  
V           12 .370-399 (Gasoline)  
V           13 .400-449 (Gasoline)  
V           14 .450 & over (Gasoline)  
V           15 .Not reported (Gasoline)

PKCID for ENGTYP value 3 (Diesel):

V           16 .1-249 (Diesel)  
V           17 .250-299 (Diesel)  
V           18 .300-349 (Diesel)  
V           19 .350-369 (Diesel)  
V           20 .370-399 (Diesel)

V 21 .400-429 (Diesel)  
V 22 .430-449 (Diesel)  
V 23 .450-469 (Diesel)  
V 24 .470-499 (Diesel)  
V 25 .500-549 (Diesel)  
V 26 .550-599 (Diesel)  
V 27 .600-649 (Diesel)  
V 28 .650-699 (Diesel)  
V 29 .700-749 (Diesel)  
V 30 .750-799 (Diesel)  
V 31 .800-849 (Diesel)  
V 32 .850 & over (Diesel)  
V 33 .Not reported (Diesel)

PKCID for ENG Typ values 4 (Liquefied gas) and 5 (Other):

V 34 .1-99 (Other)  
V 35 .100-149 (Other)  
V 36 .150-199 (Other)  
V 37 .200-249 (Other)  
V 38 .250-299 (Other)  
V 39 .300-349 (Other)  
V 40 .350-399 (Other)  
V 41 .400-449 (Other)  
V 42 .450 & over (Other)  
V 43 .Not reported (Other)

PKCID blank, ENG Typ blank:

V Blank .Not reported (PKCID)

D REFUEL 1 118 0

REFUEL = Primary Refueling Location

Question: Where was this vehicle primarily refueled during 1997?

U All sample units in strata 3, 4, and 5  
V 1 .Central company-owned fueling facility  
V 2 .Single contract fueling facility located off-site  
V 3 .Public fueling stations  
V 4 .Other  
V Blank .Not reported or not applicable

D BRAKES 1 119 0

BRAKES = Type of Brakes

Question: What type of brakes does this truck or truck tractor (power unit) have?

U All sample units in strata 3, 4, and 5  
V 1 .Hydraulic (standard)  
V 2 .Hydraulic with power assist  
V 3 .Air  
V 4 .Other  
V Blank .Not reported or not applicable

D ALBRAKE 1 120 0

ALBRAKE = Vehicle has Antilock Brakes?

Question: Does this vehicle have antilock brakes?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D AERODN 1 121 0  
AERODN = Vehicle has Aerodynamic Features?

Question: Does this vehicle have aerodynamic features?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D AXLRAT 1 122 0  
AXLRAT = Vehicle has Axle or Drive Ratio?

Question: Does this vehicle have axle or drive ratio to maximize fuel efficiency?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D ECOENG 1 123 0  
ECOENG = Vehicle has Fuel Economy Engine?

Question: Does this vehicle have a fuel economy engine with low rpm, high torque rise, turbo-charge, etc.?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D REFLCT 1 124 0  
REFLCT = Vehicle has Reflective Materials?

Question: Does this vehicle have reflective materials (in addition to those required by law)?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D RADIAL 1 125 0  
RADIAL = Vehicle has Radial Tires?

Question: Does this vehicle have radial tires?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D GOVNOR 1 126 0  
GOVNOR = Vehicle has a Road Speed Governor?

Question: Does this vehicle have a road speed governor?

\*A device that limits the maximum speed of the vehicle.

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D VARFAN 1 127 0  
VARFAN = Vehicle has Variable Fan Drives?

Question: Does this vehicle have variable fan drives?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D OTHFUEL 1 128 0  
OTHFUEL = Vehicle has Other Fuel Conservation Features?

Question: Does this vehicle have other fuel conservation features?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

D PWSTR 1 129 0  
PWSTR = Vehicle has Power Steering?

Question: Does this vehicle have power steering?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D AIRCON 1 130 0  
AIRCON = Vehicle has Air Conditioning?

Question (TC-9501): Does this vehicle have air conditioning?

Question (TC-9502): Does this vehicle have air conditioning in the cab?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D ENGRET 1 131 0  
ENGRET = Vehicle has Engine Retarder?

Question: Does this vehicle have an engine retarder?

\*Electronic equipment which governs engine speed control.

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V Blank .Not reported or not applicable

V Blank .Not reported or not applicable

D EVMS 1 132 0

EVMS = Vehicle has Electronic Vehicle Management System?

Question (TC-9501): Does this vehicle have an on-board computer/electronic vehicle management system?

Question (TC-9502): Does this vehicle have an electronic vehicle management system?

\*Electronic equipment which controls brake, steering, and suspension systems. The term is often abbreviated as EVMS.

U All sample units

V 1 .Yes

V Blank .Not reported

D EVIS 1 133 0

EVIS = Vehicle has Electronic Vehicle Identification Device?

Question: Does this vehicle have an electronic vehicle identification device (transponder), etc.?

U All sample units in strata 3, 4, and 5

V 1 .Yes

V Blank .Not reported or not applicable

D RECRDR 1 134 0

RECRDR = Vehicle has Trip Recorder/On-Board Computer?

Question: Does this vehicle have trip recorders/on-board computer?

U All sample units in strata 3, 4, and 5

V 1 .Yes

V Blank .Not reported or not applicable

D NAVSYS 1 135 0

NAVSYS = Vehicle has Navigational Systems?

Question: Does this vehicle have navigational systems?

U All sample units in strata 3, 4, and 5

V 1 .Yes

V Blank .Not reported or not applicable

D FRNWHD 1 136 0

FRNWHD = Vehicle has Front Wheel Drive?

Question: Does this vehicle have front-wheel drive?

\*The only driving axle is in the front of the vehicle.

U All sample units in strata 1 and 2

V 1 .Yes

V Blank .Not reported or not applicable

D VCAIDS                    1            137            0

VCAIDS = Vehicle has Control Aids?

Question: Does this vehicle have any vehicle control aids for  
handicapped drivers?

U        All sample units in strata 1 and 2

V            1 .Yes

V            Blank .Not reported or not applicable

D WCLIFT                    1            138            0

WCLIFT = Vehicle has Wheel Chair Lift?

Question: Does this vehicle have a wheelchair lift?

\*A device designed to help raise and lower a wheelchair into  
and out of the vehicle.

U        All sample units in strata 1 and 2

V            1 .Yes

V            Blank .Not reported or not applicable

D AIRBAG                    1            139            0

AIRBAG = Vehicle has Air Bags?

Question: Does this vehicle have air bag(s)?

U        All sample units

V            1 .Yes

V            Blank .Not reported

D GMSELF                    1            140            0

GMSELF = General Maintenance Performed by Self?

Question: Did you perform the general maintenance on this  
vehicle?

U        All sample units

V            1 .Yes

V            Blank .Not reported

D GMCOMP                    1            141            0

GMCOMP = General Maintenance Performed by Company?

Question: Did your company's own maintenance facilities  
perform the general maintenance on this vehicle?

U        All sample units

V            1 .Yes

V            Blank .Not reported

D GMDEAL                    1            142            0

GMDEAL = General Maintenance Performed by Dealership?

Question: Did a dealership's service department perform the  
general maintenance on this vehicle?

U        All sample units

V 1 .Yes  
V Blank .Not reported

D GMLEAS 1 143 0  
GMLEAS = General Maintenance Performed by Leasing Company?

Question: Did a leasing company perform the general maintenance on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D GMGARG 1 144 0  
GMGARG = General Maintenance Performed by Independent Garage?

Question: Did an independent garage or private mechanic (including gasoline or service stations) perform the general maintenance on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D GMDIST 1 145 0  
GMDIST = General Maintenance Performed by Component Distributorship?

Question: Did a component distributorship (engine, transmission, etc.) perform the general maintenance on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D GMNONE 1 146 0  
GMNONE = General Maintenance Performed by No One?

Question: Did no one perform general maintenance on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D GMOTHR 1 147 0  
GMOTHR = General Maintenance Performed by Other?

Question: Did someone other than those mentioned previously perform the general maintenance on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVSELF 1 148 0



OVSELF = Major Overhauls Performed by Self?

Question: Did you perform the major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVCOMP 1 149 0  
OVCOMP = Major Overhauls Performed by Company?

Question: Did your company's own maintenance facilities perform the major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVDEAL 1 150 0  
OVDEAL = Major Overhauls Performed by Dealership?

Question: Did a dealership's service department perform the major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVLEAS 1 151 0  
OVLEAS = Major Overhauls Performed by Leasing Company?

Question: Did a leasing company perform the major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVGARG 1 152 0  
OVGARG = Major Overhauls Performed by Independent Garage?

Question: Did an independent garage or private mechanic (including gasoline or service stations) perform the major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVDIST 1 153 0  
OVDIST = Major Overhauls Performed by Component Distributorship?

Question: Did a component distributorship (engine, transmission, etc.) perform the major overhauls on this vehicle?

U All sample units

V 1 .Yes  
V Blank .Not reported

D OVNONE 1 154 0  
OVNONE = Major Overhauls Performed by No One?

Question: Did no one perform major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D OVOTHR 1 155 0  
OVOTHR = Major Overhauls Performed by Other?

Question: Did someone other than those mentioned above perform the major overhauls on this vehicle?

U All sample units  
V 1 .Yes  
V Blank .Not reported

D WKSOP 2 156 0  
WKSOP = Weeks Operated During 1997

Question: How many weeks during 1997 was this vehicle operated? (If vehicle was disposed of on or after July 1, 1996, but prior to January 1, 1997, check number of weeks operated during 1996.)

U All sample units  
V 01 .49 to 52 weeks  
V 02 .45 to 48 weeks  
V 03 .41 to 44 weeks  
V 04 .37 to 40 weeks  
V 05 .33 to 36 weeks  
V 06 .29 to 32 weeks  
V 07 .25 to 28 weeks  
V 08 .21 to 24 weeks  
V 09 .17 to 20 weeks  
V 10 .13 to 16 weeks  
V 11 .9 to 12 weeks  
V 12 .5 to 8 weeks  
V 13 .1 to 4 weeks  
V 14 .Less than 1 week  
V Blank .Not reported

D ANNMIL 6 158 0  
ANNMIL = Miles Driven During 1997

Question: How many miles was this vehicle driven during 1997? (An estimate is acceptable.) Note - If the vehicle was disposed of during 1997, only enter mileage driven during 1997. If the vehicle was disposed of on or after July 1, 1996, but prior to January 1, 1997, enter mileage driven during 1996.

U All sample units

U All sample units  
V 0 -> 999,999 miles  
V Blank .Not reported

D LTMIL 7 164 0  
LTMIL = Miles Driven Since Manufactured

Question: How many miles has this vehicle been driven since it was manufactured? Note - If it is no longer in your possession, please estimate the total lifetime mileage at the time you last operated it. If the odometer/speedometer is broken, please give your best estimate. If the odometer has turned over (100,000+ miles), please enter the total figure.

U All sample units  
V 0 -> 9,999,999 miles  
V Blank .Not reported

D MPGCK 2 171 0  
MPGCK = Miles Per Gallon (check box)

Question: How many miles-per-gallon (MPG) did this vehicle average during 1997? (An estimate is acceptable.)

U All sample units in strata 1 and 2  
V 01 .Less than 5 mpg  
V 02 .5 to 6 mpg  
V 03 .7 to 8 mpg  
V 04 .9 to 10 mpg  
V 05 .11 to 12 mpg  
V 06 .13 to 14 mpg  
V 07 .15 to 16 mpg  
V 08 .17 to 18 mpg  
V 09 .19 to 20 mpg  
V 10 .21 to 24 mpg  
V 11 .25 to 29 mpg  
V 12 .30 mpg or more  
V Blank .Not reported or not applicable

D MPG 3 173 1  
MPG = Miles Per Gallon (written)

Question: How many miles-per-gallon (MPG) did this vehicle average during 1997? (Provide tenths, if available. An estimate is acceptable.)

\*Responses appear on this file in tenths, but decimal ('.') is not shown. (Example: 042 = 4.2 mpg)

U All sample units in strata 3, 4 and 5  
V 00.0 -> 99.9 mpg  
V Blank .Not reported or not applicable

D NOHOME 1 176 0  
. NOHOME = No Home Base Location

Indicates that a vehicle (usually an over-the-road truck tractor or consumer one-way rental) did not operate

from one specific home base location.

Question (TC-9501): Was this vehicle or vehicle/trailer combination used ONLY for consumer one-way rental?

Question (TC-9502): Was this vehicle or vehicle/trailer(s) combination used ONLY for consumer one-way truck rental or as an over-the-road truck tractor that DOES NOT operate from a home base location? Note - "Home base" is the location where the vehicle was usually parked when it was not on the road.

U All sample units  
V 1 .Yes  
V 2 .No  
V Blank .Not reported

D BASTATE 2 177 0  
BASTATE = Home Base State

Question: Where was the home base of this vehicle on July 1, 1997? Note - "Home Base" is the location where the vehicle was usually parked when it was not on the road. If the vehicle was put into service after July 1, 1997, enter current home base.

U All sample units  
V 01 .Alabama  
V 02 .Alaska  
V 04 .Arizona  
V 05 .Arkansas  
V 06 .California  
V 08 .Colorado  
V 09 .Connecticut  
V 10 .Delaware  
V 11 .District of Columbia  
V 12 .Florida  
V 13 .Georgia  
V 15 .Hawaii  
V 16 .Idaho  
V 17 .Illinois  
V 18 .Indiana  
V 19 .Iowa  
V 20 .Kansas  
V 21 .Kentucky  
V 22 .Louisiana  
V 23 .Maine  
V 24 .Maryland  
V 25 .Massachusetts  
V 26 .Michigan  
V 27 .Minnesota  
V 28 .Mississippi  
V 29 .Missouri  
V 30 .Montana  
V 31 .Nebraska  
V 32 .Nevada  
V 33 .New Hampshire  
V 34 .New Jersey

V	35	.New Mexico
V	36	.New York
V	37	.North Carolina
V	38	.North Dakota
V	39	.Ohio
V	40	.Oklahoma
V	41	.Oregon
V	42	.Pennsylvania
V	44	.Rhode Island
V	45	.South Carolina
V	46	.South Dakota
V	47	.Tennessee
V	48	.Texas
V	49	.Utah
V	50	.Vermont
V	51	.Virginia
V	53	.Washington
V	54	.West Virginia
V	55	.Wisconsin
V	56	.Wyoming
V	99	.Not reported

D MSAIO                    1            179            0

MSAIO = Home Base In/Out of a Metropolitan Statistical Area

MSA indicator: Identifies whether the home base of the vehicle is located within a metropolitan statistical area.

Note - If the home base was not reported then the registration mailing address was used to code MSAIO.

U	All sample units	
V	1	.Yes
V	2	.No
V	Blank	.Unknown

D TYPHB                    1            180            0

TYPHB = Type of Home Base

Question: What was the type of home base?

The responses were defined as follows:

Residential or farm - location is a private residence.  
 Terminal and administrative location - private, business or commercial trucking operations.  
 Terminal and maintenance facilities - for business, private, or commercial freight transport.  
 Corporate headquarters - location conducts administrative duties and functions only.

U	All sample units	
V	1	.Residential or farm
V	2	.Terminal and administrative location
V	3	.Terminal and maintenance facilities
V	4	.Corporate headquarters
V	5	.Other

V Blank .Not reported

D POBAST 3 181 0

POBAST = Percent of Miles Driven Outside Home Base State

Question: What percent of 1997 mileage was driven OUTSIDE the home base State? An estimate is acceptable. (If none, enter zero).

U All sample units

V 0 -> 100%

V Blank .Not reported

D POFFRD 3 184 0

POFFRD = Percent of Miles Driven Off-Road

Question: What approximate PERCENT of this vehicle's 1997 mileage was accounted for by trips off-the-road, little travel on public roads?

U All sample units

V 0 -> 100%

V Blank .Not reported

D PLOCAL 3 187 0

PLOCAL = Percent of Miles Driven Within 50 Miles of Home Base

Question: What approximate PERCENT of this vehicle's 1997 mileage was accounted for by trips less than 50 miles from the vehicle's home base?

U All sample units

V 0 -> 100%

V Blank .Not reported

D PSHORT 3 190 0

PSHORT = Percent of Miles Driven Between 50 and 100 Miles of Home Base

Question: What approximate PERCENT of this vehicle's 1997 mileage was accounted for by trips between 50 and 100 miles from the vehicle's home base?

U All sample units

V 0 -> 100%

V Blank .Not reported

D PSMED 3 193 0

PSMED = Percent of Miles Driven Between 100 and 200 Miles of Home Base

Question: What approximate PERCENT of this vehicle's 1997 mileage was accounted for by trips between 100 and 200 miles from the vehicle's home base?

U All sample units

V 0 -> 100%

V Blank .Not reported

D PLMED                    3            196            0

PLMED = Percent of Miles Driven Between 200 and 500 Miles of Home Base

Question: What approximate PERCENT of this vehicle's 1997 mileage was accounted for by trips between 200 and 500 miles from the vehicle's home base?

U        All sample units

V            0 -> 100%

V            Blank .Not reported

D PLONG                    3            199            0

PLONG = Percent of Miles Driven Beyond 500 Miles of Home Base

Question: What approximate PERCENT of this vehicle's 1997 mileage was accounted for by trips beyond 500 miles of vehicle's home base?

U        All sample units

V            0 -> 100%

V            Blank .Not reported

D OPCLAS                    1            202            0

OPCLAS = Operator Classification

Question: Which of the following best describes the way this vehicle was MOST OFTEN USED?

The responses were defined as follows:

Business use - Operated by and for a private business

(including self-employers) or a company; used in related activities of that business (including transportation of employees).

Personal transportation - Operated as a personal-use vehicle for pleasure driving, travel to work, carpool, etc.

For-hire - Operated as a motor carrier, owner/operator, or private fleet vehicle.

Daily rental - Rented or leased out under daily or short-term rental or lease agreements (not a motor carrier).

Mixed - Operated with a mixture of business use, personal transportation, and for-hire classifications with equal percentages of primary use for at least 2 of the 3 categories. If the percentages were not equal, the answer was recoded to the operator classification with the highest percentage.

U        All sample units

V            1 .Business use

V            2 .Personal transportation

V            3 .For-hire

V            4 .Daily rental

V            5 .Mixed

D PBUS                    3            203            0

PBUS = If Mixed, Percent Business Use

PBUS = If Mixed, Percent Business Use

Question: If 'mixed' was checked for operator classification, what percent was business use?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PPTRAN 3 206 0  
PPTRAN = If Mixed, Percent Personal Use

Question: If 'mixed' was checked for operator classification, what percent was personal use?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PFORHR 3 209 0  
PFORHR = If Mixed, Percent For-Hire

Question: If 'mixed' was checked for operator classification, what percent was for-hire use (includes backhauls, trip leasing, etc.)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D OPTYP 1 212 0  
OPTYP = Operator Type

The capacity in which the vehicle was most often operated.

The responses were defined as follows:

Motor carrier - Operated by a company whose primary business is to provide transportation services, carrying freight belonging to others, for a fee.

Independent - Operated by an independent trucker who drives vehicle for himself (as an independent).

Leased - Operated by an independent trucker who drives vehicle on lease to a company.

U Sample units in strata 3, 4, and 5 with a value of '3' or '5' for OPCLAS with a percent in PFORHR  
V 1 .Motor carrier  
V 2 .Independent  
V 3 .Leased  
V 4 .Private carrier  
V 5 .For-hire operator  
V Blank .Not reported or not applicable

D PMOCAR 3 213 0  
PMOCAR = Percent Motor Carrier

Question: If the vehicle was for-hire, what percent of 1997



mileage was it operated as a motor carrier? (Operated by a company whose primary business is to provide transportation services, carrying freight belonging to others, for a fee.)

U Sample units in strata 3, 4, and 5 with a value of '3' or '5' for OPCLAS with a percent in PFORHR

V 0 -> 100%

V Blank .Not reported or not applicable

D PINDEP 3 216 0

PINDEP = Percent Owner Operator (Independent)

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated by an independent trucker who drives the vehicle for himself (as an independent)?

U Sample units in strata 3, 4, and 5 with a value of '3' or '5' for OPCLAS with a percent in PFORHR

V 0 -> 100%

V Blank .Not reported or not applicable

D PLEASE 3 219 0

PLEASE = Percent Owner Operator Leased to a Company

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated by an independent trucker who drives the vehicle on lease to a company?

U Sample units in strata 3, 4, and 5 with a value of '3' or '5' for OPCLAS with a percent in PFORHR

V 0 -> 100%

V Blank .Not reported or not applicable

D PPRIV 3 222 0

PPRIV = Percent Private Fleet (Private Carrier)

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated by and for a private business to transport company-owned freight, which also maintains for-hire authority (i.e., backhauls, trip leasing) - as a private carrier?

U Sample units in strata 3, 4, and 5 with a value of '3' or '5' for OPCLAS with a percent in PFORHR

V 0 -> 100%

V Blank .Not reported or not applicable

D PFHOP 3 225 0

PFHOP = Percent Private Fleet (For-Hire Operator)

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated by and for a private business to transport company-owned freight, which also maintains for-hire authority (i.e., backhauls, trip leasing) - as a for-hire operator?

U Sample units in strata 3, 4, and 5 with a value of '3' or '5' for OPCLAS with a percent in PFORHR

V 0 -> 100%  
V Blank .Not reported or not applicable

D JURISD 1 228 0  
JURISD = Jurisdiction Served

The for-hire jurisdiction most often traveled by the vehicle.

The responses were defined as follows:

Interstate - Operating in more than one State, usually  
under Interstate Commerce Commission (ICC) authority.

Intrastate - Operating within one State.

Local - Operating in a single municipality, contiguous  
municipalities, and its suburban area.

U Sample units in strata 3, 4, and 5 with a value in PMOCAR or  
PINDEP or PLEASE

V 1 .Interstate  
V 2 .Intrastate  
V 3 .Local  
V Blank .Not reported or not applicable

D PINTER 3 229 0  
PINTER = Percent Interstate Jurisdiction

Question: If the vehicle was for-hire, what percent of 1997  
mileage was it operated interstate? (Operating in more  
than one state, usually under Interstate Commerce Commission  
(ICC) authority.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR or  
PINDEP or PLEASE

V 0 -> 100%  
V Blank .Not reported or not applicable

D PINTRA 3 232 0  
PINTRA = Percent Intrastate Jurisdiction

Question: If the vehicle was for-hire, what percent of 1997  
mileage was it operated intrastate? (Operating within one  
State.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR  
or PINDEP or PLEASE

V 0 -> 100%  
V Blank .Not reported or not applicable

D PLOCJUR 3 235 0  
PLOCJUR = Percent Local Jurisdiction

Question: If the vehicle was for-hire, what percent of 1997  
mileage was it operated locally? (In a single municipality,  
contiguous municipalities, and its suburban area.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR  
or PINDEP or PLEASE

V 0 -> 100%  
V Blank .Not reported or not applicable

D TPCAR 1 238 0

TPCAR = Type of Carrier

The primary type of carrier.

The responses are defined as follows:

Contract - Offered transportation services to certain shippers under contract.

Common - Offered transportation services to the general public over regular or irregular routes.

Exempt - Transported commodities or provided types of services that were exempt from Federal regulations, or operated within exempt commercial zones.

U Sample units in strata 3, 4, and 5 with a value in PMOCAR or PINDEP or PLEASE

V 1 .Contract  
V 2 .Common  
V 3 .Exempt  
V Blank .Not reported or not applicable

D PCONTR 3 239 0

PCONTR = Percent Contract Carrier

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated as a contract carrier? (Offered transportation service to certain shippers under specific contracts.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR or PINDEP or PLEASE

V 0 -> 100%  
V Blank .Not reported or not applicable

D PCOMON 3 242 0

PCOMON = Percent Common Carrier

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated as a common carrier? (Offered transportation service to the general public over regular and irregular routes.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR or PINDEP or PLEASE

V 0 -> 100%  
V Blank .Not reported or not applicable

D PEXEMT 3 245 0

PEXEMT = Percent Exempt Carrier

Question: If the vehicle was for-hire, what percent of 1997 mileage was it operated as an exempt carrier? (Transported commodities or provided types of service that were exempt from Federal regulations, or operated within commercial

zones.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR  
or PINDEP or PLEASE

V 0 -> 100%

V Blank .Not reported or not applicable

D TYPSE 1 248 0

TYPSE = Kind of Service

The primary type of service.

The responses were defined as follows:

Truckload - Usually defined as cargo of a single shipper  
carried on an individual trip.

Less-than-truckload - Usually defined as cargo of multiple  
shippers carried on an individual trip.

U Sample units in strata 3, 4, and 5 with a value in PMOCAR  
or PINDEP or PLEASE

V 1 .Truckload

V 2 .Less-than-truckload

V Blank .Not reported or not applicable

D PTKLOD 3 249 0

PTKLOD = Percent Carrying Truckload

Question: If the vehicle was for-hire, what percent of 1997  
mileage was it operated as truckload service? (Usually  
defined as cargo of a single shipper carried on an  
individual trip.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR  
or PINDEP or PLEASE

V 0 -> 100%

V Blank .Not reported or not applicable

D PLESTL 3 252 0

PLESTL = Percent Carrying Less than Truckload

Question: If the vehicle was for-hire, what percent of 1997  
mileage was it operated as less-than-truckload service?  
(Usually defined as cargo of multiple shippers carried on  
an individual trip.)

U Sample units in strata 3, 4, and 5 with a value in PMOCAR  
or PINDEP or PLEASE

V 0 -> 100%

V Blank .Not reported or not applicable

D MAJUSE 2 255 0

MAJUSE = Major Use

The business or the part of the business in which the vehicle  
was used. Responses in the "Other" category were recoded, if  
possible, to one of the specific categories.

Question: Which of the following best describes your business  
(or the part of your business in which the vehicle was used)?  
If the vehicle was leased, indicate business of lessee.

Selected responses were further defined as follows:

Agriculture - includes farming activities and fisheries.  
Construction - buildings, homes, roads, structures, etc.  
Contractor activities - includes special trades (painting,  
plumbing, electrical work, masonry, carpentry, etc.).  
Manufacturing - includes refining or processing activities.  
Business and personal service - assists in such services as  
lodging operations, landscaping, repair (except contractor  
activities), laundry, advertising, entertainment, etc.  
Utilities - assists in operation or service of public  
utilities (telephone, gas, electric, cable television,  
etc.).  
Mining or quarrying (includes well-drilling) - used to assist  
in the extraction of natural resources or in hauling to  
processors.  
Daily rental - rented out, without a driver, to someone else  
on a daily or short-term basis.  
Not in use - includes vehicles idle, wrecked, awaiting repair,  
etc., for more than 6 months.  
For-hire transportation - includes small package delivery.

U	All sample units
V	01 .Agriculture
V	02 .Forestry/lumbering
V	03 .Construction
V	04 .Contractor activities
V	05 .Manufacturing
V	06 .Wholesale trade
V	07 .Retail trade
V	08 .Business and personal service
V	09 .Utilities
V	10 .Mining or quarrying
V	11 .Daily rental
V	13 .Not in use
V	14 .For-hire transportation
V	15 .Other
V	16 .One-way rental
V	20 .Personal transportation
V	Blank .Not reported

D PNOLOD	3	257	0
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PNOLOD = Percent Miles Carrying No Load

Question: What approximate percentage of vehicle's 1997  
mileage was no load carried (vehicle empty)?

U	All sample units
V	0 -> 100%
V	Blank .Not reported

D PASSEN	3	260	0
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PASSEN = Percent Miles Carrying Passengers

Question: What approximate percentage of its 1997 mileage did the vehicle transport passengers (employees, van pool riders, or other transportation shuttle service)?

U All sample units in strata 1 and 2  
V 0 -> 100%  
V Blank .Not reported or not applicable

D LVANML 3 263 0  
LVANML = Percent Miles Carrying Live Animals

Question: What approximate percentage of its 1997 mileage did the vehicle carry live animals (cattle, horses, poultry, hogs, live seafood, insects, etc.)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D FARMPD 3 266 0  
FARMPD = Percent Miles Carrying Farm Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry fresh farm products (grain, crops, flowers, nursery stock, raw milk, raw tobacco, etc.)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PRFOOD 3 269 0  
PRFOOD = Percent Miles Carrying Processed Food

Question: What approximate percentage of its 1997 mileage did the vehicle carry processed foods and tobacco products (canned goods, prepared meats, frozen foods, beverages, bottled water, dairy products, cigarettes, etc.)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D ANFEED 3 272 0  
ANFEED = Percent Miles Carrying Animal Feed

Question: What approximate percentage of its 1997 mileage did the vehicle carry animal feed (prepared feed and feed ingredients for animals)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D MINPRO 3 275 0  
MINPRO = Percent Miles Carrying Mining Products

Question: What approximate percentage of its 1997 mileage did

the vehicle carry mining products (unrefined crude oil, coal, metal ores)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D BLDGMA 3 278 0  
BLDGMA = Percent Miles Carrying Building Materials

Question: What approximate percentage of its 1997 mileage did the vehicle carry building materials (gravel, sand, concrete, flat glass, etc., except cut lumber)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D LOGPRO 3 281 0  
LOGPRO = Percent Miles Carrying Logs and Forest Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry logs and forest products (except cut lumber and fabricated wood products)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D LUMBER 3 284 0  
LUMBER = Percent Miles Carrying Lumber and Wood Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry lumber and fabricated wood products (except furniture)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PAPER 3 287 0  
PAPER = Percent Miles Carrying Paper Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry paper and paper products?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D CHEM 3 290 0  
CHEM = Percent Miles Carrying Chemicals and/or Drugs

Question: What approximate percentage of its 1997 mileage did the vehicle carry chemicals and/or drugs (including fertilizers, pesticides, cosmetics, paints, etc.)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PETROL 3 293 0  
PETROL = Percent Miles Carrying Petroleum Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry petroleum and petroleum products (including paving and roofing materials)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PLASTK 3 296 0  
PLASTK = Percent Miles Carrying Plastic or Rubber Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry plastics and/or rubber products?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D PRIMTL 3 299 0  
PRIMTL = Percent Miles Carrying Primary Metal Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry primary metal products (pipes, ingots, billets, sheets, etc.)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D FABMTL 3 302 0  
FABMTL = Percent Miles Carrying Fabricated Metal Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry fabricated metal products (except machinery or transportation equipment)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D MACHNE 3 305 0  
MACHNE = Percent Miles Carrying Machinery

Question: What approximate percentage of its 1997 mileage did the vehicle carry machinery (electrical or non-electrical and electronic)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported



D TEQUIP                    3            308            0  
TEQUIP = Percent Miles Carrying Transportation Equipment

Question: What approximate percentage of its 1997 mileage did the vehicle carry transportation equipment (including complete vehicles) and parts?

U        All sample units  
V            0 -> 100%  
V            Blank .Not reported

D FURN                    3            311            0  
FURN = Percent Miles Carrying Furniture

Question: What approximate percentage of its 1997 mileage did the vehicle carry furniture (wood and non-wood) and/or hardware (not involved in household moving)?

U        All sample units  
V            0 -> 100%  
V            Blank .Not reported

D GLASS                    3            314            0  
GLASS = Percent Miles Carrying Glass Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry glass products?

U        All sample units  
V            0 -> 100%  
V            Blank .Not reported

D TEXTIL                   3            317            0  
TEXTIL = Percent Miles Carrying Textiles and Apparel

Question: What approximate percentage of its 1997 mileage did the vehicle carry textiles and apparel (fibers, leather goods, carpets, clothing, etc.)?

U        All sample units  
V            0 -> 100%  
V            Blank .Not reported

D MSCMFG                   3            320            0  
MSCMFG = Percent Miles Carrying Miscellaneous Products of Manufacturing

Question: What approximate percentage of its 1997 mileage did the vehicle carry miscellaneous products of manufacturing (including photographic goods, watches, clocks, jewelry, and toys)?

U        All sample units  
V            0 -> 100%  
V            Blank .Not reported

D MOVING                   3            323            0  
MOVING = Percent Miles Used in Moving (Under Contract)

MOVING = Percent Miles Used in Moving (Under Contract)

Question: What approximate percentage of its 1997 mileage did the vehicle move household and office furniture (from home, offices, etc., under contract)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D TOOLS 3 326 0  
TOOLS = Percent Miles Carrying Tools

Question: What approximate percentage of its 1997 mileage did the vehicle carry miscellaneous tools and/or parts for specialized use, as in a craftsman's vehicle - traveling workshop for plumbers, carpenters, road service crews, etc.?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D MXDCAR 3 329 0  
MXDCAR = Percent Miles Carrying Mixed Cargo

Question: What approximate percentage of its 1997 mileage did the vehicle carry mixed cargo (including the delivery of small packages)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D REFUSE 3 332 0  
REFUSE = Percent Miles Carrying Scrap, Garbage, Etc.

Question: What approximate percentage of its 1997 mileage did the vehicle carry scrap (not for recycling), garbage, trash, septic tank waste?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D INDWTR 3 335 0  
INDWTR = Percent Miles Carrying Industrial Waste Water

Question: What approximate percentage of its 1997 mileage did the vehicle carry industrial 'waste' water?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D HAZEPA 3 338 0  
HAZEPA = Percent Miles Carrying Hazardous Waste (EPA)

Question: What approximate percentage of its 1997 mileage did

the vehicle carry hazardous waste (EPA manifest)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D HAZNEPA 3 341 0  
HAZNEPA = Percent Miles Carrying Hazardous Waste (Non-EPA)

Question: What approximate percentage of its 1997 mileage did the vehicle carry hazardous waste (non-EPA manifest)?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D RECYCLE 3 344 0  
RECYCLE = Percent Miles Carrying Recyclable Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry recyclable products?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D OTHPROD 3 347 0  
OTHPROD = Percent Miles Carrying Other Products

Question: What approximate percentage of its 1997 mileage did the vehicle carry loads not elsewhere classified?

U All sample units  
V 0 -> 100%  
V Blank .Not reported

D HAZMAT 1 350 0  
HAZMAT = Vehicle Hauled Hazardous Materials?

Identifies those trucks that transport hazardous materials in quantities large enough to require a placard under the Code of Federal Regulations, Title 49, Transportation.

Question: At any time during 1997 was this vehicle (or combination) used to haul hazardous materials in quantities large enough to require a hazmat placard on the vehicle due to Title 49, CFR 177.823, Transportation?

U All sample units in strata 3, 4, and 5  
V 1 .Yes  
V 2 .No  
V Blank .Not reported or not applicable

D EXP11 3 351 0  
EXP11 = Percent Miles Carrying Explosives 1.1

Question: What approximate percentage of its 1997 mileage did the vehicle carry explosives 1.1?

U Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V 0 -> 100%

V Blank .Not reported or not applicable

D EXP12 3 354 0  
EXP12 = Percent Miles Carrying Explosives 1.2

Question: What approximate percentage of its 1997 mileage did  
the vehicle carry explosives 1.2?

U Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V 0 -> 100%

V Blank .Not reported or not applicable

D EXP13 3 357 0  
EXP13 = Percent Miles Carrying Explosives 1.3

Question: What approximate percentage of its 1997 mileage did  
the vehicle carry explosives 1.3?

U Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V 0 -> 100%

V Blank .Not reported or not applicable

D EXP14 3 360 0  
EXP14 = Percent Miles Carrying Explosives 1.4

Question: What approximate percentage of its 1997 mileage did  
the vehicle carry explosives 1.4?

U Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V 0 -> 100%

V Blank .Not reported or not applicable

D EXP15 3 363 0  
EXP15 = Percent Miles Carrying Explosives 1.5

Question: What approximate percentage of its 1997 mileage did  
the vehicle carry explosives 1.5?

U Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V 0 -> 100%

V Blank .Not reported or not applicable

D EXP16 3 366 0  
EXP16 = Percent Miles Carrying Explosives 1.6

Question: What approximate percentage of its 1997 mileage did  
the vehicle carry explosives 1.6?

U Sample units in strata 3, 4, and 5 with value of '1' for

HAZMAT

V 0 -> 100%  
V Blank .Not reported or not applicable

D FLMGAS 3 369 0

FLMGAS = Percent Miles Carrying Flammable Gas

Question: What approximate percentage of its 1997 mileage did the vehicle carry flammable gas?

U Sample units in strata 3, 4, and 5 with value of '1' for HAZMAT

V 0 -> 100%  
V Blank .Not reported or not applicable

D NFLGAS 3 372 0

NFLGAS = Percent Miles Carrying Nonflammable Gas

Question: What approximate percentage of its 1997 mileage did the vehicle carry nonflammable gas?

U Sample units in strata 3, 4, and 5 with value of '1' for HAZMAT

V 0 -> 100%  
V Blank .Not reported or not applicable

D PSNGAS 3 375 0

PSNGAS = Percent Miles Carrying Poisonous Gas

Question: What approximate percentage of its 1997 mileage did the vehicle carry poisonous gas?

U Sample units in strata 3, 4, and 5 with value of '1' for HAZMAT

V 0 -> 100%  
V Blank .Not reported or not applicable

D FLAMBLE 3 378 0

FLAMBLE = Percent Miles Carrying Flammable Materials

Question: What approximate percentage of its 1997 mileage did the vehicle carry flammable materials?

U Sample units in strata 3, 4, and 5 with value of '1' for HAZMAT

V 0 -> 100%  
V Blank .Not reported or not applicable

D COMBUST 3 381 0

COMBUST = Percent Miles Carrying Combustible Materials

Question: What approximate percentage of its 1997 mileage did the vehicle carry combustible materials?

U Sample units in strata 3, 4, and 5 with value of '1' for HAZMAT

V 0 -> 100%  
V Blank .Not reported or not applicable

D FLAMSOL                    3            384            0  
FLAMSOL = Percent Miles Carrying Flammable Solids

Question: What approximate percentage of its 1997 mileage did the vehicle carry flammable solids?

U            Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V            0 -> 100%

V            Blank .Not reported or not applicable

D SPONCBST                   3            387            0  
SPONCBST = Percent Miles Carrying Spontaneously Combustible  
Materials

Question: What approximate percentage of its 1997 mileage did the vehicle carry spontaneously combustible materials?

U            Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V            0 -> 100%

V            Blank .Not reported or not applicable

D DANGWW                    3            390            0  
DANGWW = Percent Miles Carrying Materials Dangerous When Wet

Question: What approximate percentage of its 1997 mileage did the vehicle carry dangerous when wet materials?

U            Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V            0 -> 100%

V            Blank .Not reported or not applicable

D OXIDIZS                    3            393            0  
OXIDIZS = Percent Miles Carrying Oxidizers

Question: What approximate percentage of its 1997 mileage did the vehicle carry oxidizers?

U            Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V            0 -> 100%

V            Blank .Not reported or not applicable

D OXYGEN                    3            396            0  
OXYGEN = Percent Miles Carrying Oxygen

Question: What approximate percentage of its 1997 mileage did the vehicle carry oxygen?

U            Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V            0 -> 100%

V            Blank .Not reported or not applicable

D ORGPER                    3            399            0

D ORGPER                    3            399            0  
ORGPER = Percent Miles Carrying Organic Peroxide

Question: What approximate percentage of its 1997 mileage did the vehicle carry organic peroxide?

U       Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V                    0 -> 100%

V                    Blank .Not reported or not applicable

D POISON                    3            402            0  
POISON = Percent Miles Carrying Poison

Question: What approximate percentage of its 1997 mileage did the vehicle carry poison?

U       Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V                    0 -> 100%

V                    Blank .Not reported or not applicable

D KPFOOD                    3            405            0  
KPFOOD = Percent Miles Carrying Material to be Kept from Food

Question: What approximate percentage of its 1997 mileage did the vehicle carry 'keep away from food' materials?

U       Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V                    0 -> 100%

V                    Blank .Not reported or not applicable

D RADMAT                    3            408            0  
RADMAT = Percent Miles Carrying Radioactive Material

Question: What approximate percentage of its 1997 mileage did the vehicle carry radioactive materials?

U       Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V                    0 -> 100%

V                    Blank .Not reported or not applicable

D CORROS                    3            411            0  
CORROS = Percent Miles Carrying Corrosive Material

Question: What approximate percentage of its 1997 mileage did the vehicle carry corrosive materials?

U       Sample units in strata 3, 4, and 5 with value of '1' for  
HAZMAT

V                    0 -> 100%

V                    Blank .Not reported or not applicable

D CLASS9                    3            414            0  
CLASS9 = Percent Miles Carrying Class 9 Material

Question: What approximate percentage of its 1997 mileage did the vehicle carry class 9 materials?

U Sample units in strata 3, 4, and 5 with value of '1' for HAZMAT

V 0 -> 100%

V Blank .Not reported or not applicable

D FLTSZE 2 417 0  
FLTSZE = Total Size of Fleet Owned/Operated

The number of trucks and trailers operated by a truck owner for his/her entire operation. The data shown under this item are based on the number of trucks and trailers found in fleets of specified size and not the number of fleets.

Question: Please indicate below the total number of trucks, truck tractors (power units), and trailers owned and/or operated by you or your company. Note - Trucks refer to pickups, small vans (including minivans), and straight trucks. Trailers refer to semi and/or full trailers. Do not include utility trailers. Subsidiaries of companies should report fleet size for the respective subsidiary only.

U All sample units

V 01 .1

V 02 .2-5

V 03 .6-9

V 04 .10-24

V 05 .25-99

V 06 .100-499

V 07 .500-999

V 08 .1,000-4,999

V 09 .5,000-9,999

V 10 .10,000 or more

V Blank .Not reported

D AXLRE 2 419 0  
AXLRE = Axle Arrangement

The truck type and number of axles on a particular truck and/or combination. Each response was coded by using the type of vehicle, the number of axles on the vehicle itself, and the type of trailer(s) pulled, if any. The following is a description of each code:

Single 1 - Single unit truck (2 axles, 4 tires)

Single 2 - Single unit truck (2 axles, 6 tires)

Single 3 - Single unit truck (3 axles)

Single 4 - Single unit truck (4 axles)

Straight 1 - Straight truck (2 axles, 4 tires) pulling a utility trailer (1 axle)

Straight 2 - Straight truck (2 axles, 4 tires) pulling a utility trailer (2 axles)

Straight 3 - Straight truck (2 axles, 4 tires) pulling a utility trailer (3 or more axles)

Straight 4 - Straight truck (2 axles, 6 tires) pulling a utility trailer (1 axle)



Straight 5 - Straight truck (2 axles, 6 tires) pulling a utility trailer (2 axles)  
Straight 6 - Straight truck (2 axles, 6 tires) pulling a utility trailer (3 or more axles)  
Straight 7 - Straight truck (3 axles) pulling a utility trailer (1 axle)  
Straight 8 - Straight truck (3 axles) pulling a utility trailer (2 axles)  
Straight 9 - Straight truck (3 axles) pulling a utility trailer (3 or more axles)  
Straight 10 - Straight truck (4 or more axles) pulling a utility trailer (1 axle)  
Straight 11 - Straight truck (4 or more axles) pulling a utility trailer (2 axles)  
Straight 12 - Straight truck (4 or more axles) pulling a utility trailer (3 or more axles)  
Straight 13 - Straight truck (2 axles, 4 tires) pulling a full trailer (2 axles)  
Straight 14 - Straight truck (2 axles, 4 tires) pulling a full trailer (3 axles)  
Straight 15 - Straight truck (2 axles, 4 tires) pulling a full trailer (4 or more axles)  
Straight 16 - Straight truck (2 axles, 6 tires) pulling a full trailer (2 axles)  
Straight 17 - Straight truck (2 axles, 6 tires) pulling a full trailer (3 axles)  
Straight 18 - Straight truck (2 axles, 6 tires) pulling a full trailer (4 or more axles)  
Straight 19 - Straight truck (3 axles) pulling a full trailer (2 axles)  
Straight 20 - Straight truck (3 axles) pulling a full trailer (3 axles)  
Straight 21 - Straight truck (3 axles) pulling a full trailer (4 or more axles)  
Straight 22 - Straight truck (4 or more axles) pulling a full trailer (2 axles)  
Straight 23 - Straight truck (4 or more axles) pulling a full trailer (3 axles)  
Straight 24 - Straight truck (4 or more axles) pulling a full trailer (4 or more axles)  
Tractor 1 - Truck-tractor (2 axles, 4 tires) pulling a semi-trailer (1 axle)  
Tractor 2 - Truck-tractor (2 axles, 4 tires) pulling a semi-trailer (2 axles)  
Tractor 3 - Truck-tractor (2 axles, 4 tires) pulling a semi-trailer (3 or more axles)  
Tractor 4 - Truck-tractor (2 axles, 6 tires) pulling a semi-trailer (1 axle)  
Tractor 5 - Truck-tractor (2 axles, 6 tires) pulling a semi-trailer (2 axles)  
Tractor 6 - Truck-tractor (2 axles, 6 tires) pulling a semi-trailer (3 or more axles)  
Tractor 7 - Truck-tractor (3 axles) pulling a semi-trailer (1 axle)  
Tractor 8 - Truck-tractor (3 axles) pulling a semi-trailer (2 axles)  
Tractor 9 - Truck-tractor (3 axles) pulling a semi-trailer

(3 or more axles)

Tractor 10 - Truck-tractor (4 axles) pulling a semi-trailer (1 axle)

Tractor 11 - Truck-tractor (4 axles) pulling a semi-trailer (2 axles)

Tractor 12 - Truck-tractor (4 axles) pulling a semi-trailer (3 or more axles)

Tractor 13 - Truck-tractor (2 axles, 4 tires) pulling two trailers (total of 3 axles on both)

Tractor 14 - Truck-tractor (2 axles, 4 tires) pulling two trailers (total of 4 axles on both)

Tractor 15 - Truck-tractor (2 axles, 4 tires) pulling two trailers (total of 5 axles on both)

Tractor 16 - Truck-tractor (2 axles, 4 tires) pulling two trailers (total of 6 or more axles on both)

Tractor 17 - Truck-tractor (2 axles, 6 tires) pulling two trailers (total of 3 axles on both)

Tractor 18 - Truck-tractor (2 axles, 6 tires) pulling two trailers (total of 4 axles on both)

Tractor 19 - Truck-tractor (2 axles, 6 tires) pulling two trailers (total of 5 axles on both)

Tractor 20 - Truck-tractor (2 axles, 6 tires) pulling two trailers (total of 6 or more axles on both)

Tractor 21 - Truck-tractor (3 axles) pulling two trailers (total of 3 axles on both)

Tractor 22 - Truck-tractor (3 axles) pulling two trailers (total of 4 axles on both)

Tractor 23 - Truck-tractor (3 axles) pulling two trailers (total of 5 axles on both)

Tractor 24 - Truck-tractor (3 axles) pulling two trailers (total of 6 or more axles on both)

Tractor 25 - Truck-tractor (4 or more axles) pulling two trailers (total of 3 axles on both)

Tractor 26 - Truck-tractor (4 or more axles) pulling two trailers (total of 4 axles on both)

Tractor 27 - Truck-tractor (4 or more axles) pulling two trailers (total of 5 axles on both)

Tractor 28 - Truck-tractor (4 or more axles) pulling two trailers (total of 6 or more axles on both)

Tractor 29 - Truck-tractor (2 axles, 4 tires) pulling three trailers (total of 5 axles on all)

Tractor 30 - Truck-tractor (2 axles, 4 tires) pulling three trailers (total of 6 axles on all)

Tractor 31 - Truck-tractor (2 axles, 4 tires) pulling three trailers (total of 7 axles on all)

Tractor 32 - Truck-tractor (2 axles, 4 tires) pulling three trailers (total of 8 or more axles on all)

Tractor 33 - Truck-tractor (2 axles, 6 tires) pulling three trailers (total of 5 axles on all)

Tractor 34 - Truck-tractor (2 axles, 6 tires) pulling three trailers (total of 6 axles on all)

Tractor 35 - Truck-tractor (2 axles, 6 tires) pulling three trailers (total of 7 axles on all)

Tractor 36 - Truck-tractor (2 axles, 6 tires) pulling three trailers (total of 8 or more axles on all)

Tractor 37 - Truck-tractor (3 axles) pulling three trailers (total of 5 axles on all)

Tractor 38 - Truck-tractor (3 axles) pulling three trailers

(total of 6 axles on all)  
Tractor 39 - Truck-tractor (3 axles) pulling three trailers  
(total of 7 axles on all)  
Tractor 40 - Truck-tractor (3 axles) pulling three trailers  
(total of 8 or more axles on all)  
Tractor 41 - Truck-tractor (4 axles) pulling three trailers  
(total of 5 axles on all)  
Tractor 42 - Truck-tractor (4 axles) pulling three trailers  
(total of 6 axles on all)  
Tractor 43 - Truck-tractor (4 axles) pulling three trailers  
(total of 7 axles on all)  
Tractor 44 - Truck-tractor (4 axles) pulling three trailers  
(total of 8 or more axles on all)

U All sample units  
V 01 .Single 1  
V 02 .Single 2  
V 03 .Single 3  
V 04 .Single 4  
V 05 .Straight 1  
V 06 .Straight 2  
V 07 .Straight 3  
V 08 .Straight 4  
V 09 .Straight 5  
V 10 .Straight 6  
V 11 .Straight 7  
V 12 .Straight 8  
V 13 .Straight 9  
V 14 .Straight 10  
V 15 .Straight 11  
V 16 .Straight 12  
V 17 .Straight 13  
V 18 .Straight 14  
V 19 .Straight 15  
V 20 .Straight 16  
V 21 .Straight 17  
V 22 .Straight 18  
V 23 .Straight 19  
V 24 .Straight 20  
V 25 .Straight 21  
V 26 .Straight 22  
V 27 .Straight 23  
V 28 .Straight 24  
V 29 .Tractor 1  
V 30 .Tractor 2  
V 31 .Tractor 3  
V 32 .Tractor 4  
V 33 .Tractor 5  
V 34 .Tractor 6  
V 35 .Tractor 7  
V 36 .Tractor 8  
V 37 .Tractor 9  
V 38 .Tractor 10  
V 39 .Tractor 11  
V 40 .Tractor 12  
V 41 .Tractor 13  
V 42 .Tractor 14  
V 43 .Tractor 15

V	43 .Tractor 15
V	44 .Tractor 16
V	45 .Tractor 17
V	46 .Tractor 18
V	47 .Tractor 19
V	48 .Tractor 20
V	49 .Tractor 21
V	50 .Tractor 22
V	51 .Tractor 23
V	52 .Tractor 24
V	53 .Tractor 25
V	54 .Tractor 26
V	55 .Tractor 27
V	56 .Tractor 28
V	57 .Tractor 29
V	58 .Tractor 30
V	59 .Tractor 31
V	60 .Tractor 32
V	61 .Tractor 33
V	62 .Tractor 34
V	63 .Tractor 35
V	64 .Tractor 36
V	65 .Tractor 37
V	66 .Tractor 38
V	67 .Tractor 39
V	68 .Tractor 40
V	69 .Tractor 41
V	70 .Tractor 42
V	71 .Tractor 43
V	72 .Tractor 44

D PRNPRO                    2            421            0

PRNPRO = Principal Product Carried

The principal product carried by the vehicle (the highest percentage reported).

U	All sample units
V	01 .Farm products
V	02 .Live animals
V	03 .Processed foods
V	04 .Mining products
V	05 .Building materials
V	06 .Logs and other forest products
V	07 .Lumber and fabricated wood products
V	08 .Paper products
V	09 .Chemicals
V	10 .Petroleum
V	11 .Plastics and/or rubber
V	12 .Primary metal products
V	13 .Fabricated metal products
V	14 .Machinery
V	15 .Transportation equipment
V	16 .Furniture or hardware
V	17 .Textile mill products
V	18 .Household goods
V	19 .Craftsman's equipment
V	20 .Mixed cargoes

V	21	.Scrap, refuse or garbage
V	22	.Other
V	23	.No load carried
V	24	.Personal transportation
V	25	.Not in use
V	26	.Glass products
V	27	.Miscellaneous products of manufacturing
V	28	.Industrial 'waste' water
V	29	.Hazardous waste (EPA manifest)
V	30	.Animal feed
V	31	.Hazardous waste (non-EPA manifest)
V	32	.Recyclable products
V	33	.Passengers
V		Blank .Not reported

D AREAOP                    1            423            0

AREAOP = Area of Operation

The usual trip length from the vehicle's home base. Vehicles with no home base reported their average range of operation. The category with the highest percentage reported under POFFRD, PLOCAL, PSHORT, PSMED, PLMED, and PLONG.

The responses are defined as follows:

Off-the-road - trips with minimal use of public roads  
 Local - trips of 50 miles or less  
 Short range - trips of 51 to 100 miles  
 Short range-medium - trips of 101 to 200 miles  
 Long range-medium - trips of 201 to 500 miles  
 Long range - trips of 501 miles or more

U	All sample units	
V	1	.Off-the-road
V	2	.Local
V	3	.Short range
V	4	.Short range-medium
V	5	.Long range-medium
V	6	.Long range
V		Blank .Not reported

D VIUGVW                    2            424            0

VIUGVW = VIUS Gross Vehicle Weight

The gross weight of the vehicle based on average weight and recoded to VIUS specifications (pounds).

U	All sample units	
V	01	.6000 lbs. or less
V	02	.6001 to 10000 lbs.
V	03	.10001 to 14000 lbs.
V	04	.14001 to 16000 lbs.
V	05	.16001 to 19500 lbs.
V	06	.19501 to 26000 lbs.
V	07	.26001 to 33000 lbs.
V	08	.33001 to 40000 lbs.
V	09	.40001 to 50000 lbs.

V 10 .50001 to 60000 lbs.  
V 11 .60001 to 80000 lbs.  
V 12 .80001 to 100000 lbs.  
V 13 .100001 to 130000 lbs.  
V 14 .130001 lbs. and over  
V Blank .Not reported

D PKGVW 1 426 0  
PKGVW = Polk Gross Vehicle Weight

The Polk gross vehicle weight class (pounds).

U All sample units  
V 1 .6000 lbs. or less  
V 2 .6001 to 10000 lbs.  
V 3 .10001 to 14000 lbs.  
V 4 .14001 to 16000 lbs.  
V 5 .16001 to 19500 lbs.  
V 6 .19501 to 26000 lbs.  
V 7 .26001 to 33000 lbs.  
V 8 .33001 lbs. and greater  
V 9 .Unknown  
V Blank .Not reported

D PKRWGT 6 427 0  
PKRWGT = Polk Registered Weight

The Polk registered weight (pounds).

U All sample units  
V 000000 -> 999999 lbs.

D VEHSZE 1 433 0  
VEHSZE = Vehicle Size

Determined by the average weight (defined as the empty weight of the vehicle plus the average weight of the load carried) during 1997. The four size class are determined by the following:

Light - The average vehicle weight is 10,000 lbs. or less.  
Medium - The average vehicle weight is 10,001 to 19,500 lbs.  
Light-heavy - The average vehicle weight is 19,501 to 26,000 lbs.  
Heavy-heavy - The average vehicle weight is 26,001 lbs. or more.

U All sample uits  
V 1 .Light  
V 2 .Medium  
V 3 .Light-heavy  
V 4 .Heavy-heavy

D RI\_ACQMON 1 434 0  
RI\_ACQMON = Response Indicator for Acquisition Month

U All sample units

V	D	.Analyst deemed acceptable
V	I	.Computer edit imputation
V	P	.Polk control file data
V	Blank	.As reported

D RI\_PKRWGT                    1            627            0  
      RI\_PKRWGT = Response Indicator for Polk Registered Weight

U	All sample units	
V	A	.Analyst corrected
V	C	.Computer edit corrected
V	D	.Analyst deemed acceptable
V	I	.Computer edit imputation
V	P	.Polk control file data
V	Blank	.As reported

D RI\_VEHSZE                    1            628            0  
      RI\_VEHSZE = Response Indicator for Vehicle Size

U	All sample units	
V	A	.Analyst corrected
V	C	.Computer edit corrected
V	D	.Analyst deemed acceptable
V	I	.Computer edit imputation
V	P	.Polk control file data
V	Blank	.As reported

D WANNMIL                    13            629            0  
      WANNMIL = Weighted Annual Miles Driven During 1997

Weighting factor for annual miles.

Used to determine the total annual miles for characteristics selected in a cross-tabulation.

Note - When generating cross-tabulations using WANNMIL, the default weighting must be changed from EXPANF to WANNMIL. To undo the default weighting go to the menu and choose 'Data' then choose 'Set Weight Field'. The box for 'Use weight field' will be checked, and EXPANF will be highlighted. Reset the weighting from EXPANF to WANNMIL. Once the weighting is set, this will become the default until changed again.

U	All sample units	
V	00000000000000 -> 99999999999999	