

Form 9502

Universe: All vehicles that are NOT Pickup trucks, SUVs, minivans, other

This form is NOT just for truck tractors

**Truck strata 3, 4, and 5**

| STATUS<br>D=Delete(Old)<br>N=New<br>DN=Delete(New)<br>C=Change/Rewording<br>Null =Active | SECTION | QUESTION<br>NUMBER | PAGE | TOPIC NAME                  |
|--|---------|--------------------|------|-----------------------------|
| C  | A       | 1                  | 1    | Registration<br>information |
|  | B       | 1                  | 2    | Disposal                    |
|  | B       | 2                  | 2    | Disposal                    |
| C  | B       | 3                  | 2    | Disposal                    |

|   |   |   |   |             |
|---|---|---|---|-------------|
| C | C | 1 | 2 | Acquisition |
| C | C | 2 | 2 | Acquisition |
| N | C | 3 | 2 | Acquisition |
| C | D | 1 | 2 | Leasing     |
| C | D | 2 | 2 | Leasing     |

|   |   |   |   |                 |
|---|---|---|---|-----------------|
|   | D | 3 | 3 | Leasing         |
| C | D | 4 | 3 | Leasing         |
| C | D | 5 | 3 | Leasing         |
| C | E | 1 | 3 | Type of Vehicle |

| C | E | 2 | 3 | Type of Vehicle |
|---|---|---|---|-----------------|
|   |   |   |   |                 |

|   |   |   |   |                          |
|---|---|---|---|--------------------------|
| C | F | 1 | 4 | Physical Characteristics |
| N | F | 2 | 4 | Physical Characteristics |
| C | F | 3 | 4 | Physical Characteristics |
|   | F | 4 | 4 | Physical Characteristics |

|   |   |     |   |                          |
|---|---|-----|---|--------------------------|
| C | F | 5   | 4 | Physical Characteristics |
|   | F | 6   | 4 | Physical Characteristics |
|   | F | 7   | 5 | Physical Characteristics |
| N | F | 8   | 5 | Physical Characteristics |
| C | F | 8,9 | 5 | Physical Characteristics |
| D | F | 9   |   | Physical Characteristics |

|   |   |    |   |                          |
|---|---|----|---|--------------------------|
| N | F | 10 | 5 | Physical Characteristics |
| C | F | 11 | 5 | Physical Characteristics |
| N | F | 12 | 5 | Physical Characteristics |

|   |   |    |   |                          |
|---|---|----|---|--------------------------|
| D | F | 12 |   | Physical Characteristics |
| N | F | 13 | 6 | Physical Characteristics |



|    |   |    |   |                          |
|----|---|----|---|--------------------------|
| DN | F | 14 |   | Physical Characteristics |
| N  | F | 14 | 6 | Physical Characteristics |
| N  | F | 15 | 6 | Physical Characteristics |

|   |   |    |   |                          |
|---|---|----|---|--------------------------|
| N | F | 16 | 7 | Physical Characteristics |
| N | F | 17 | 7 | Physical Characteristics |
| N | F | 18 | 7 | Physical Characteristics |

|    |   |        |   |                          |
|----|---|--------|---|--------------------------|
| N  | F | 15, 19 | 8 | Physical Characteristics |
| N  | F | 16, 20 | 8 | Physical Characteristics |
| DN | F | 16     |   | Physical Characteristics |

|   |   |            |   |                          |
|---|---|------------|---|--------------------------|
| N | F | 13, 17, 21 | 8 | Physical Characteristics |
| C | G | 21         | 9 | Time Operated            |

|   |   |    |   |               |
|---|---|----|---|---------------|
| C | G | 42 | 9 | Time Operated |
| D | H | 12 |   | Home Base     |
| C | H | 31 | 9 | Home Base     |

|   |   |      |    |           |
|---|---|------|----|-----------|
|   | H | 2    | 10 | Home Base |
| C | H | 4, 3 | 10 | Home Base |

|   |   |      |    |       |
|---|---|------|----|-------|
| C | I | 1    | 10 | Miles |
| N | I | 3, 2 | 10 | Miles |
|   | I | 5, 3 | 10 | Miles |
| N | I | 6, 4 | 11 | Miles |
| C | I | 2, 5 | 11 | Miles |

|   |   |         |    |       |
|---|---|---------|----|-------|
| C | I | 7, 6    | 11 | Miles |
| N | I | 7       | 11 | Miles |
|   | I | 4, 7, 8 | 11 | Miles |



|    |   |       |    |                      |
|----|---|-------|----|----------------------|
| DN | I | 9, 8  |    | Miles                |
| N  | I | 8, 9  | 12 | Miles                |
| N  | I | 9, 10 | 12 | Miles                |
| C  | J | 1     | 12 | Fuel and Maintenance |

|   |   |   |    |                      |
|---|---|---|----|----------------------|
| C | J | 2 | 12 | Fuel and Maintenance |
| C | J | 3 | 12 | Fuel and Maintenance |
| N | J | 4 | 13 | Fuel and Maintenance |
| C | J | 5 | 13 | Fuel and Maintenance |

|    |   |    |    |                       |
|----|---|----|----|-----------------------|
| C  | J | 76 | 13 | Fuel and Maintenance  |
| N  | J | 67 | 13 | Fuel and Maintenance  |
| N  | J | 8  | 13 | Fuel and Maintenance  |
| N  | J | 9  | 13 | Fuel and Maintenance  |
| DN | K | 1  |    | Vehicle Configuration |
| D  | K | 1  |    | Vehicle Configuration |

|   |   |      |    |                                  |
|---|---|------|----|----------------------------------|
| N | K | 1    | 13 | Vehicle Configuration            |
| N | K | 2    | 13 | Vehicle Configuration            |
| N | K | 3    | 14 | Vehicle Configuration            |
| C | K | 2, 4 | 14 | Vehicle Configuration,<br>Single |
|   | K | 3, 5 | 14 | Vehicle Configuration,<br>Single |
|   | K | 4, 6 | 14 | Vehicle Configuration,<br>Single |

|   |   |        |    |                                  |
|---|---|--------|----|----------------------------------|
| C | K | 5, 7   | 14 | Vehicle Configuration,<br>Double |
|   | K | 6, 8   | 14 | Vehicle Configuration,<br>Double |
|   | K | 7, 9   | 15 | Vehicle Configuration,<br>Double |
|   | K | 8, 10  | 15 | Vehicle Configuration,<br>Double |
| C | K | 9, 11  | 15 | Vehicle Configuration,<br>Triple |
|   | K | 10, 12 | 15 | Vehicle Configuration,<br>Triple |

|   |   |                    |    |                                  |
|---|---|--------------------|----|----------------------------------|
|   | K | <del>11</del> , 13 | 15 | Vehicle Configuration,<br>Triple |
|   | K | <del>12</del> , 14 | 16 | Vehicle Configuration,<br>Triple |
|   | K | <del>13</del> , 15 | 16 | Vehicle Configuration,<br>Triple |
| C | K | <del>14</del> , 16 | 16 | Vehicle Configuration            |

|   |   |        |    |                       |
|---|---|--------|----|-----------------------|
| N | K | 15, 17 | 16 | Vehicle Configuration |
| C | K | 16, 18 | 17 | Vehicle Configuration |
|   | L | 1      | 17 | Weight                |

|    |   |      |    |        |
|----|---|------|----|--------|
| D  | E | 2    |    | Weight |
| N  | L | 2    | 17 | Weight |
| DN | E | 3    |    | Weight |
| N  | L | 4, 3 | 17 | Weight |
| DN | E | 5    |    | Weight |
| N  | L | 6, 4 | 17 | Weight |
| DN | E | 7    |    | Weight |
| DN | E | 4    |    | Weight |



|    |   |      |    |                  |
|----|---|------|----|------------------|
| DN | E | 5    |    | Weight           |
| DN | E | 6    |    | Weight           |
| DN | E | 7    |    | Weight           |
| DN | E | 8    |    | Weight           |
| DN | E | 9    |    | Weight           |
| DN | E | 4-10 |    | Weight           |
| N  | M | 1    | 17 | Kind of Business |

|   |   |     |    |                  |
|---|---|-----|----|------------------|
| C | M | 4-2 | 18 | Kind of Business |
| N | M | 2-3 | 18 | Kind of Business |

|   |   |     |    |                  |
|---|---|-----|----|------------------|
| N | M | 2-4 | 19 | Kind of Business |
| D | M | 2   |    | Kind of Business |
| D | N | 1   |    | For hire         |

|   |   |     |    |          |
|---|---|-----|----|----------|
| C | N | 2-1 | 19 | For-hire |
| D | N | 3   |    | For hire |
| D | N | 4   |    | For hire |
| C | N | 5 2 | 19 | For-hire |

|   |   |   |    |                                  |
|---|---|---|----|----------------------------------|
| D | 0 | 1 |    | Product, Equipment, or Materials |
|   | 0 | 1 | 20 | Product, Equipment, or Materials |

|   |   |   |    |                                  |
|---|---|---|----|----------------------------------|
| N | O | 2 | 20 | Product, Equipment, or Materials |
| N | O | 3 | 20 | Product, Equipment, or Materials |

|    |      |         |    |                                  |
|----|------|---------|----|----------------------------------|
| DN | P    | 1       |    | Product, Equipment, or Materials |
| N  | P, O | 2, 1, 4 | 20 | Product, Equipment, or Materials |
| N  | P, O | 3, 2, 5 | 20 | Product, Equipment, or Materials |
| N  | P, O | 4, 3, 6 | 20 | Product, Equipment, or Materials |

|   |      |                        |       |                                  |
|---|------|------------------------|-------|----------------------------------|
| C | P, O | <del>1, 5</del> , 4, 7 | 21-23 | Product, Equipment, or Materials |
|   | Q, P | 1                      | 24    | Hazardous Materials              |
| C | Q, P | 2                      | 24    | Hazardous Materials              |



|   |      |   |    |                     |
|---|------|---|----|---------------------|
| C | Q, P | 3 | 24 | Hazardous Materials |
|   | R, Q |   | 25 | Contact Information |

r light vans

| 9502 VARIABLE NAME         | FORM<br>* = Same<br>question but<br>different<br>categories text |
|----------------------------|--|
| STILLOWN                   | 9501&9502  |
| DISPOSED                   | 9501&9502  |
| DISPOSEMNTH<br>DISPOSEYEAR | 9501&9502  |
| DISPOSEHOW                 | 9501&9502  |

|                            |           |
|----------------------------|-----------|
| ACQUIREMNTH<br>ACQUIREYEAR | 9501&9502 |
| ACQUIREHOW                 | 9501&9502 |
| ACQUIRENEW                 | 9502      |
| LEASEFROM                  | 9501&9502 |
| LEASETO                    | 9501&9502 |

|  |      |
|--|------|
| LEASEHOW   | 9502 |
| LEASELENGTH  | 9502 |
| LEA_FINANCE<br>LEA_MAINT<br>LEA_TAXES<br>LEA_LICENSE<br>LEA_RECORD<br>LEA_FUEL<br>LEA_NONE | 9502 |
| TRUCKTYPE_SEMI   | 9502 |

|                       |            |
|-----------------------|------------|
| BODYTYPE<br>WBODYTYPE | 9501&9502* |
|-----------------------|------------|

|               |            |
|---------------|------------|
| AXLESTOTAL    | 9501&9502* |
| AXLEREARTIRES | 9501&9502  |
| AXLEDRIVING   | 9501&9502  |
| AXLELEFT      | 9502       |

|  |      |
|--|------|
| AXLELEFT_FWD<br>AXLELEFT_BWL<br>AXLELEFT_BYD | 9502 |
| AXLELEFTBRKE                                 | 9502 |
| BRAKES                                       | 9502 |
| CABDAY                                       | 9502 |
| CAB  | 9502 |
| CABSLEEPER                                   | 9502 |

|                              |           |
|------------------------------|-----------|
| WCABHEIGHTFT<br>WCABHEIGHTIN | 9501&9502 |
| TRANSMSSN                    | 9501&9502 |
| WNUMGEARS                    | 9502      |



|  |                      |
|--|----------------------|
| <p>EQ_AERIAL-<br/> EQ_AIRBAG-<br/> EQ_AIRCOMP-<br/> EQ_AIRCOND-<br/> EQ_SPRINGS-<br/> EQ_ABS-<br/> EQ_AUTOSOT-<br/> EQ_TIRINFSYS-<br/> EQ_WARNSYS-<br/> EQ_DRIVETRN-<br/> EQ_CRANE-<br/> EQ_EVID-<br/> EQ_RETARDER-<br/> EQ_HOIST-<br/> EQ_IDLE-<br/> EQ_INTERNET-<br/> EQ_LIFTGATE-<br/> EQ_LORESDRWHEEL-<br/> EQ_LOWRESSTEERWHEEL-<br/> EQ_SNOWPLOW-<br/> EQ_NAVSYS-<br/> EQ_PTO-<br/> EQ_RADIAL-<br/> EQ_REFLECT-<br/> EQ_GOVERNOR-<br/> EQ_NAVSYS-<br/> EQ_SINGLEWIDE-<br/> EQ_TIRMONSYS-<br/> EQ_TOOLBOX-<br/> EQ_WTRIP-<br/> EQ_WOTRIP-<br/> EQ_WINCH-</p> | <p>9501&amp;9502</p> |
| <p>EQ_AIRBAG<br/> EQ_ABS<br/> EQ_CRUISE<br/> EQ_DRIVERCAM<br/> EQ_GPS<br/> EQ_INTERNET<br/> EQ_NAVSYS<br/> EQ_ROLLOVER<br/> EQ_NONE_1</p>  | <p>9501&amp;9502</p> |

|  |           |
|--|-----------|
| EQ_ACC<br>EQ_ADS<br>EQ_AES<br>EQ_BSW<br>EQ_FAEB<br>EQ_FCW<br>EQ_LDW<br>EQ_LKA<br>EQ_PARKA<br>EQ_PARKOW<br>EQ_PED<br>EQ_RCTW<br>EQ_RAEB | 9501&9502 |
| EQ_ACC<br>EQ_ADA<br>EQ_LKA<br>EQ_NONE_2  | 9501&9502 |
| EQ_BSW<br>EQ_FCW<br>EQ_LDW<br>EQ_POW<br>EQ_RCTW<br>EQ_NONE_3   | 9501&9502 |

|  |           |
|--|-----------|
| EQ_AEB<br>EQ_AES<br>EQ_RAEB<br>EQ_NONE_4                           | 9501&9502 |
| EQ_APA<br>EQ_RP<br>EQ_NONE_5                                       | 9501&9502 |
| EQ_AHB<br>EQ_BC<br>EQ_DM<br>EQ_HUD<br>EQ_NV<br>EQ_SVC<br>EQ_NONE_6 | 9501&9502 |

|  |           |
|--|-----------|
| EQ_AEROB<br>EQ_AEROH<br>EQ_AEROM<br>EQ_AEST<br>EQ_ATIS<br>EQ_FTC<br>EQ_GAP<br>EQ_IRT<br>EQ_LRRT<br>EQ_NONE_7   | 9501&9502 |
| EQ_AERIAL<br>EQ_AIRCOMP<br>EQ_SPRINGS<br>EQ_BOBTAIL<br>EQ_CHRISTREE<br>EQ_CRANE<br>EQ_EVI<br>EQ_RETARDER<br>EQ_HOIST<br>EQ_LIFTGATE<br>EQ_SNOWPLOW<br>EQ_HAZMAT<br>EQ_PTO<br>EQ_TOOLBOX<br>EQ_WINCH<br>EQ_NONE_8 | 9501&9502 |
| Pending for approval   | 9501&9502 |

|             |           |
|-------------|-----------|
| WGCWRPOUND  | 9501&9502 |
| TIMEOPERATE | 9501&9502 |

|   |           |
|---|-----------|
| TIME_NA<br>TIME_SEASNL<br>TIME_IDLE<br>TIME_REPAIR<br>TIME_OTH<br>WTIME_OTH | 9501&9502 |
|   | 9501&9502 |
| HBTYPE  | 9501&9502 |

|   |           |
|---|-----------|
| HB_CITY<br>HB_COUNTY<br>HB_STATE<br>HB_ZIP  | 9501&9502 |
| FLEET_SMALL<br>FLEET_TRCTR<br>FLEET_OTH<br>FLEET_TRLRS<br>FLEET_DOLLY<br>FLEET_NONE | 9501&9502 |

|  |           |
|--|-----------|
| MILES_ANNL   | 9501&9502 |
| MILES_ODOM<br>MILES_RECEIPT<br>MILES_TRIP<br>MILES_GPS<br>MILES_OTHER<br>WMILES_OTH            | 9501&9502 |
| MPG  | 9501&9502 |
| MPG_ODOM<br>MPG_RECEIPT<br>MPG_TRIP<br>MPG_GPS<br>MPG_OTHER<br>WMPG_OTH                        | 9501&9502 |
| OPERATEHB<br>OPERATEOTH<br>OPERATECAN<br>OPERATEMEX<br><b>OPERATE_PRIMARY (for tabulation)</b> | 9501&9502 |



|  |           |
|--|-----------|
| TRIP0_50<br>TRIP51_100<br>TRIP101_200<br>TRIP201_500<br>TRIP500MORE<br>TRIP_PRIMARY (for tabulation) | 9501&9502 |
| TRIPOFFROAD  | 9501&9502 |
| MILES_LIFE (with adjustment)<br>MILES_LIFENOIMP (without adjustment)                                 | 9501&9502 |

|  |           |
|--|-----------|
| WAVHHRSPWK<br>WAVGHRSPWK_IDLE<br>WAVGHRSPW_AUXPWR  | 9501&9502 |
| AVG_IDL  | 9502      |
| AVG_AUXPWR   | 9502      |
| FUELGAS<br>FUELDIESEL<br>FUELNATGAS<br>FUELPROPANE<br>FUELALCOHOL<br>FUELECTRIC<br>FUELOTHER<br>WFUELOTHER | 9501&9502 |

|  |           |
|--|-----------|
| FUELWHERE<br>WFUELWHERE  | 9501&9502 |
| MAINT_GEN<br>MAINT_DEAL<br>MAINT_LSNG<br>MAINT_SELF<br>MAINT_COMP<br>MAINT_NONE<br>MAINT_OTH | 9501&9502 |
| WMAINTCOST   | 9501&9502 |
| REPAIR   | 9501&9502 |

|  |            |
|--|------------|
| REPAIR_GEN<br>REPAIR_DEAL<br>REPAIR_LSNB<br>REPAIR_SELF<br>REPAIR_COMP<br>REPAIR_OTH | 9501&9502  |
| WREPAIRCOST  | 9501&9502  |
| ENGREBLD   | 9501&9502  |
| WENGREBLDYR  | 9501&9502  |
| TRAILERPULL  | 9501&9502  |
| TRAILER0<br>TRAILER1<br>TRAILER2<br>TRAILER3<br><b>TRAILER (for tabulation)</b>      | 9501&9502* |

|               |           |
|---------------|-----------|
| TRAILERPULL   | 9501&9502 |
| TRAILERPULL50 | 9501&9502 |
| TRAILER       | 9502      |
| AXLESTR1      | 9501&9502 |
| LENGTHTRLR1   | 9501&9502 |
| WIDTHTRLR1    | 9502      |

|   |      |
|---|------|
| AXLESTRLR2                                | 9502 |
| LENGTHTRLR1<br>LENGTHTRLR2                | 9502 |
| WIDTHTRLR1                                | 9502 |
| WIDTHTRLR2                                | 9502 |
| AXLESTRLR3                                | 9502 |
| LENGTHTRLR1<br>LENGTHTRLR2<br>LENGTHTRLR3 | 9502 |

|             |      |
|-------------|------|
| WIDTHTRLR1  | 9502 |
| WIDTHTRLR2  | 9502 |
| WIDTHTRLR3  | 9502 |
| TRAILERTYPE | 9502 |

|   |            |
|---|------------|
| ALUMINUM_WHEELS<br>FRONT_FARING<br>LIGHT_WG_LANDING_GEAR<br>REAR_FARING<br>SIDE_SKIRTS<br>UNDERCARRIAGE_AERO_DEVICES<br>TRAILEREQ_NONE<br>TRAILEREQ_OTH | 9501&9502  |
| LENGHTTOTAL   | 9501&9502* |
| WEIGHTEMPTY   | 9502       |



|                      |            |
|----------------------|------------|
| WEIGHTAVG            | 9501&9502* |
| WAVGPAYLD            | 9501&9502  |
| OWMILE               | 9502       |
| OWANNPRMT            | 9502       |
| OWANNPRMT_MULTIST    | 9502       |
| OWSNGPRMT            | 9502       |
| OWSNGPRMT_MUTIST     | 9502       |
| Pending for approval | 9502       |

|                      |           |
|----------------------|-----------|
| Pending for approval | 9502      |
| Pending for approval | 9502      |
| Pending for approval | 9502      |
| Pending for approval | 9502      |
| Pending for approval | 9502      |
| WAVGOVERWGHT         | 9501&9502 |
| BUSINESSRELATED      | 9501&9502 |

|  |           |
|--|-----------|
| BUSINESS   | 9501&9502 |
| OPCLASS_PVT<br>OPCLASS_MTR<br>OPCLASS_TOOL<br>OPCLASS_PAS<br>OPCLASS_RNT<br>OPCLASS_OTH<br>WOPCLASSOTH | 9501&9502 |

|  |                          |
|--|--------------------------|
| OPCLASS_PVT_P<br>OPCLASS_MTR_P<br>OPCLASS_TOOL_P<br>OPCLASS_PAS_P<br>OPCLASS_RNT_P<br>OPCLASS_PER_P<br>OPCLASS_OTH_P<br>WOPCLASSOTH_P<br><b>OPCLASS_P (for tabulation)</b> | 9501&9502                |
| <del>OPCLASS_PVT</del><br><del>OPCLASS_MTR</del><br><del>OPCLASS_OWN</del><br><del>OPCLASS_RNT</del><br><del>OPCLASS_PSL</del><br><b>OPCLASS (for tabulation)</b><br>-     | <del>9501&amp;9502</del> |
| <del>CARRIER_CNT</del><br><del>CARRIER_CMN</del><br><b>CARRIER_PRIMARY (for tabulation)</b>  | <del>9502</del>          |

|  |      |
|--|------|
| SERVICE_TL<br>SERVICE_LTL<br><b>SERVICE_PRIMARY(for tabulation)</b>              | 9502 |
| HAULS_SHIPR<br>HAULS_BRKR<br>HAULS_MRKT<br><b>HAULS_PRIMARY (for tabulation)</b> | 9502 |
| HAULSINTRNT  | 9502 |
| HAULSAVGWK   | 9502 |

|                     |           |
|---------------------|-----------|
| P_EMPTY<br>P_LOADED | 9501&9502 |
| P_EMPTY<br>P_LOADED | 9501&9502 |

|              |           |
|--------------|-----------|
| WPERCUBEDOUT | 9501&9502 |
| WPERWEIGHOUT | 9501&9502 |

|  |           |
|--|-----------|
| WPERCUBEDOUT<br>WPERWEIGHOUT<br>WPERCEMPTY   | 9501&9502 |
| REPOSITION_P                                 | 9502      |
| BACKHAUL_P                                   | 9502      |
| LESSEFFRT_H<br>LESSEFFRT_W<br>LESSEFFRT_NONE | 9502      |



|   |           |
|---|-----------|
| PLIVEANIMAL<br>PANIMALFEED<br>PGRAINS<br>POTHERAGRIC<br>PCHEMICALS<br>PFERTILIZER<br>PPHARMACEUT<br>PALCOHOLIC<br>PBAKERYPROD<br>PMEATS<br>PTOBACCO<br>POTHERFOOD<br>PLOGS<br>PPAPER<br>PPRINTPROD<br>PNEWSPRINT<br>PWOOD<br>PBASEMETAL<br>PMETALPRIM<br>PNONMETAL<br>PTOOLS_NON<br>PTOOLS_PWD<br>PELECTRONIC<br>PFURNITURE<br>PMACHINERY<br>PMISCPROD<br>PPRECISION<br>PTEXTILES<br>PVEHICLES<br>POTHERTRANS<br>PCOAL<br>PCRUDEPETRLM<br>PGRAVEL<br>PORES<br>PSTONE<br>PSANDS<br>POTHERMIN<br>PFUELOIL<br>PGASOLINE<br>PPLASTICS<br><b>Next is Natural Gas which couldn't fine it.</b><br><b>Also not in the list of PRODUCT_PRINCPL</b><br>POTHERCOAL<br>PHAZWASTE<br>POTHERWASTE | 9501&9502 |
| HAZ_MAT   | 9502      |
| HAZ_MATMILE   | 9502      |

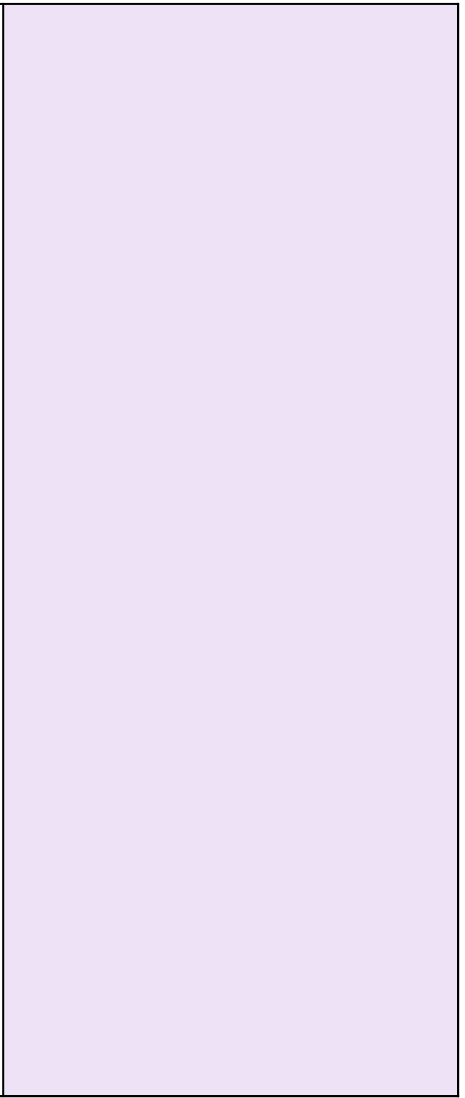
|   |           |
|---|-----------|
| HAZDIV11<br>HAZDIV12<br>HAZDIV13<br>HAZDIV14<br>HAZDIV15<br>HAZDIV16<br><b>HAZDIV21</b><br>HAZDIV22<br>HAZDIV23<br>HAZCLASS3<br>HAZCOMBUST<br>HAZOXYGEN2<br>HAZDIV41<br>HAZDIV42<br>HAZDIV43<br>HAZDIV51<br>HAZDIV52<br>HAZDIV61<br>HAZCLASS7<br><b>HAZCLASS8</b><br><b>HAZCLASS9</b> | 9502      |
| WCNT_LNAME<br>WCNT_FNAME<br>WCNT_INITIAL<br>WCNT_STREET<br>WCNT_STREET2<br>WCNT_CITY<br>WCNT_STATE<br>WCNT_ZIP<br>WCNT_AREACDE<br>WCNT_PHONE<br>WCNT_EXTSN<br>WCNT_EMAIL<br>WCNT_MONTH<br>WCNT_DAY  | 9501&9502 |

| <p>QUESTION TEXT</p> <p>Green cells are new questions</p>   | <p>2002 VIUS<br/>w/weight<br/>9502<br/>5,520.5 (6.5%)</p>   |
|---|---|
| <p>Is the vehicle identified above still in your or your company's possession?</p>  | <p>Yes -91.4% (5,043.5)<br/>No - 8.6% (477.0)</p> <p>Total 5,520.5</p>  |
| <p>Did you dispose of this vehicle prior to January 1, 2020?</p>  |   |
| <p>When did you dispose of this vehicle?<br/>Enter 2-digit month and 4-digit year.</p>  | <p>Dispose after 1/1/2002<br/><b>Dispose 8.6% (477.0)</b><br/>Yr 2002 - 5.1% (281.8)<br/>Yr 2003 - 3.5% (195.2)</p> |
| <p>How did you dispose of this vehicle?<br/>Mark ONE box only.<br/>NOTE: If you disposed of this vehicle after January 1, 2020, answer all of the remaining applicable questions according to how you used the vehicle during 2020. If you disposed of this vehicle prior to January 1, 2020 skip to section R - Contact Information.</p> |   |

|  |  |
|--|--|
| <p>When did you obtain this vehicle? <i>If purchased after lease, report the date you <b>originally</b> took possession of this vehicle. Enter 2-digit month and 4-digit year.</i></p> |  |
| <p>Was this vehicle new when you obtained it? Mark ONE box only.</p>   |  |
| <p>Do you plan to replace this vehicle with a vehicle of a different weight class or axle load within the next 5 years?</p>  |  |
| <p>NOTE: This section pertains to ownership leasing. Rental agreements are NOT covered.<br/>         Was this vehicle leased during 2020?<br/>         Mark ONE box only.</p>          | <p>Lease/Y - 12.2% (675.6)<br/>         Lease/N - 56.3% (3,107.5)<br/>         NR - 31.5.0% (1,737.4)<br/>         29.0% Still own &amp; 2.5% Disposed</p> |
| <p>Which of the following do you represent?<br/>         Mark ONE box only.</p>  |  |

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|---|--|
| <p>How did you lease this vehicle?<br/>Mark ONE box only.</p>                             |  |
| <p>Was the leasing agreement for 12 months or more?<br/>Mark ONE box only.</p>            |  |
| <p>Which of the following did the leasing agreement include?<br/>Mark ALL that apply.</p> |  |
| <p>In 2020, which best described this vehicle?<br/>Mark ONE box only.</p>                 |  |

For trucks other than tractors, which of the following most closely resembles this truck's body type?  
Mark ONE box only.



NOTE: This section pertains to the power unit ONLY. Do not include information for any trailer(s) pulled.  
In 2020, what was the total number of axles, including liftable axles, on this vehicle?  
Mark ONE box only.

How many tires are on the rear axle?

From question 1 above, how many axles were driving (powered) axles?

From question 1 above, how many axles were liftable axles?  
Mark ONE box only.

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| <p>From question 4 above, how many of the liftable axles are located in the following locations?<br/>Total number of axles indicated for this question should equal the total number of axles indicated in question 3 above.</p> |  |
| <p>From question 4 above, how many liftable axles were braking axles?<br/>Mark ONE box only.</p>   |  |
| <p>What type of brakes did this vehicle have?<br/>Mark ONE box only.</p>   |  |
| <p>What type of cab did this vehicle have?<br/>Mark ONE box only.</p>  |  |
| <p>What type of cab did this vehicle have?<br/>Mark ONE box only.</p>  |  |
| <p>Does the cab of this vehicle contain a sleeper?<br/>Mark ONE box only.</p>  |  |



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| In 2020, what was the height of this vehicle's cabin?                  |  |
| What type of transmission did this vehicle have?<br>Mark ONE box only. |  |
| How many gears did this vehicle have?                                  |  |

Did this vehicle have any of the following permanent equipment?  
Mark ALL that apply.

In 2020, did this vehicle have any of the following **basic safety and information systems**?  
Mark all that apply.

In 2020, did this vehicle have any of the following Advanced Driver Assistance Systems (ADAS)?  
Mark all that apply.

In 2020, did this vehicle have any of the following driving control assistance features?  
Mark ALL that apply.

In 2020, did this vehicle have any of the following collision warning features?  
Mark ALL that apply.

In 2020, did this vehicle have any of the following collision intervention features?  
Mark ALL that apply.

In 2020, did this vehicle have any of the following parking assistance features?  
Mark ALL that apply.

In 2020, did this vehicle have any of the following other driver assistance systems features?  
Mark ALL that apply.

In 2020, did this vehicle have any of the following **fuel economy features and equipment**?  
Mark all that apply.

In 2020, did this vehicle have any of the following **custom (aftermarket) features and equipment**?  
Mark all that apply.

In 2020, did this vehicle have any of the following **other features and equipment**?  
Mark all that apply.

What was this vehicle's towing capacity in pounds?

During 2020, how many months was this vehicle used?  
Round to the nearest whole month. Mark ONE box only.

During 2020, what reasons (if any) was this vehicle NOT in use for periods of 90 consecutive days or more?  
Mark ALL that apply.

Did this vehicle operate from a home base location during 2020?  
Home base refers to the location where the vehicle was usually parked when it was not on the road, such as a home, farm, terminal, etc. Vehicles that might NOT operate from a home base are typically consumer one-way rentals or some over-the-road truck tractors. If this vehicle is on lease to someone else, answer ALL home base questions as they pertain to the lessee. Mark ONE box only.

What was the type of home base from which this vehicle operated?  
Mark ONE box only.

Where was the home base of this vehicle on July 1, 2020?  
If this vehicle was put into service after July 1, 2020, enter current home base.

Of the following, how many trucks/trailers do you or your company operate from the home base location indicated above?



|   |  |
|---|--|
| <p>How many miles was this vehicle driven in 2020?<br/>Round to the nearest whole mile.</p>   |  |
| <p>How was the annual mileage calculated?</p>   |  |
| <p>How many miles-per-gallon (mpg) did this vehicle average during 2020?<br/>If compressed natural gas (CNG) is used, give miles per gasoline gallon equivalent (GGE). 1 GGE = 123 cubic feet CNG. Report to the nearest tenth.</p> |  |
| <p>How was miles-per-gallon (mpg) calculated?</p>   |  |
| <p>What was the approximate percent of this vehicle's 2020 mileage for each of the following jurisdictions?<br/><i>Round to the nearest whole percent. Total should sum to 100%</i></p>   |  |

What was the approximate percent of this vehicle's 2020 mileage accounted for by the type of trips listed below?  
If this vehicle does not operate from a home base, report the average range of operation. Round to the nearest whole percent.

What was the approximate percent of this vehicle's 2020 mileage driven off road (not on an established public or private roads)?  
Round to the nearest whole percent.

How many miles has this vehicle been driven since it was manufactured?  
*If the odometer has turned over, please enter the figure for the total amount. If the vehicle is no longer in your possession, enter the figure when you last operated the vehicle. Round to the nearest whole mile.*

|   |  |
|---|--|
| <p>On average, in 2020, how many hours per week did this vehicle spend:<br/>Round to the nearest hour.</p>  |  |
| <p>In 2020, what was the approximate percent of this vehicle's operating time spent idling (stationary)?</p>  |  |
| <p>In 2020, what was the approximate percent of this vehicle's operating time spent using auxiliary power?</p>  |  |
| <p>During 2020, what type of fuel or fuel combination was most often used in this vehicle?<br/>If a fuel combination was used, mark ALL that make up the combination.<br/>Otherwise, mark ONE box only.</p> |  |

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| <p>During 2020, at what type of location was this vehicle typically refueled?<br/>Mark ONE box only.</p>   |  |
| <p>During 2020, who performed any GENERAL maintenance (oil change, brake change, headlight replacement, etc.) on this vehicle?<br/>Mark ALL that apply.</p>  |  |
| <p>What was the total cost of all GENERAL maintenance in 2020?<br/><i>Round to the nearest whole dollar.</i></p>   |  |
| <p>During 2020, were any EXTENSIVE repairs (driveline repair, engine repair/rebuild, transmission repair/rebuild, differential repair/rebuild, etc.) performed on this vehicle?<br/>Mark ONE box only.</p> |  |

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| <p>Who performed these EXTENSIVE repairs?<br/>Mark ALL that apply.</p>   |  |
| <p>What was the total cost of all EXTENSIVE repairs in 2020?<br/><i>Round to the nearest whole dollar.</i></p>   |  |
| <p>Has this vehicle's engine EVER been rebuilt?<br/>Mark ONE box only.</p>   |  |
| <p>In what year was this vehicle's engine LAST rebuilt?</p>  |  |
| <p><del>In 2020, did you ever pull a trailer with this vehicle?</del></p>  |  |
| <p>In 2020, what percent of the miles driven by this vehicle were in each of the following configurations?<br/><i>Trailer mounted equipment should be treated as a trailer. Total should sum to 100%</i></p> |  |

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|---|--|
| <p>In 2020, was this vehicle used to pull a trailer?<br/>Trailer mounted equipment should be treated as a trailer.</p>  |  |
| <p>In 2020, did this vehicle pull a trailer for at least half of all miles driven?<br/>Trailer mounted equipment should be treated as a trailer.</p>          |  |
| <p>In 2020, which of the following did this vehicle pull most often?<br/>Trailer mounted equipment should be treated as a trailer.<br/>Mark ONE box only.</p> |  |
| <p>How many axles were on this trailer?<br/>Mark ONE box only.</p>  |  |
| <p>What was the length, in feet, of this trailer?<br/>Round to the nearest whole number.</p>  |  |
| <p>What was the exterior width of this trailer?<br/>Mark ONE box only.</p>  |  |

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| <p>How many axles were on this trailer configuration, including any converter dollies?<br/>Do NOT include any axles on the power unit. Mark ONE box only.</p> |  |
| <p>What was the length, in feet, of each trailer?<br/>Round to the nearest whole number.</p>  |  |
| <p>What was the exterior width of the first trailer?<br/>Mark ONE box only.</p>   |  |
| <p>What was the exterior width of the second trailer?<br/>Mark ONE box only.</p>  |  |
| <p>How many axles were on this trailer configuration, including any converter dollies?<br/>Do NOT include any axles on the power unit. Mark ONE box only.</p> |  |
| <p>What was the length, in feet, of each trailer?<br/><i>Round to the nearest whole number.</i></p>   |  |

|   |  |
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| <p>What was the exterior width of the first trailer?<br/>Mark ONE box only.</p>                         |  |
| <p>What was the exterior width of the second trailer?<br/>Mark ONE box only.</p>                        |  |
| <p>What was the exterior width of the third trailer?<br/>Mark ONE box only.</p>                         |  |
| <p>Which type of trailer resembles that most often attached to this vehicle?<br/>Mark ONE box only.</p> |  |



Does the trailer have any of the following add-on equipment?  
Mark ALL that apply.

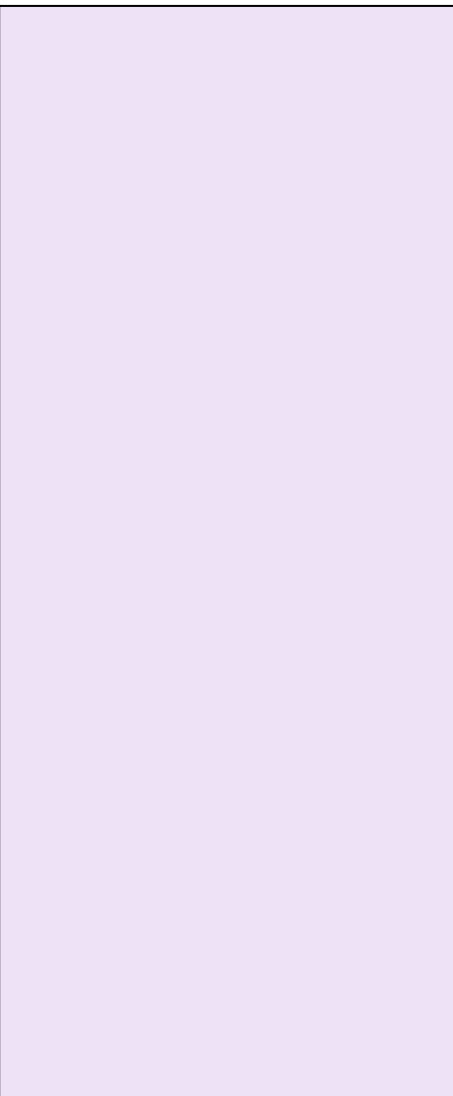
Referring to the most common configuration indicated in question 1 (no trailer or trailer pulled), what was the total length of this vehicle or vehicle/trailer combination?  
Report distance, in feet, from front bumper to rear of vehicle or trailer(s).  
Mark ONE box only.

Referring to the most common configuration Question K-1 (no trailer, single trailer, double trailers, or triple trailers pulled), what was the empty weight of this vehicle or vehicle/trailer combination?  
*Round to the nearest whole pound.*

|   |  |
|---|--|
| <p>What was the average weight (vehicle weight plus cargo weight) of this vehicle or vehicle/trailer combination as it was most often operated when carrying a typical payload during 2020?<br/>Round to the nearest whole pound.</p> |  |
| <p>What was the average payload, in pounds, transported by this vehicle or vehicle/trailer combination during 2020?</p>   |  |
| <p>In 2020, how many miles did this vehicle operate using an overweight permit?</p>   |  |
| <p>In 2020, how many annual overweight permits did you purchase for this vehicle?</p>   |  |
| <p>Of these annual permits, how many authorized overweight travel in multiple states?</p>   |  |
| <p>In 2020, how many trips were taken with this vehicle that required the purchase of single trip overweight permits?</p>   |  |
| <p>Of these trips, how many required the purchase of single trip overweight permits for more than one state?</p>  |  |
| <p>In 2020, how many single trip overweight permits did you purchase for this vehicle?</p>  |  |

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| <p>How many of these single trip overweight permits authorized travel in multiple states?</p>                 |  |
| <p>In 2020, how many miles did this vehicle operate using single trip overweight permit?</p>                  |  |
| <p>In 2020, how many annual overweight permits did you purchase for this vehicle?</p>                         |  |
| <p>How many of these annual overweight permits authorized travel in multiple states?</p>                      |  |
| <p>In 2020, how many miles did this vehicle operate using annual overweight permit?</p>                       |  |
| <p>What were the average hours per week that the trailer(s) was permitted over weight?</p>                    |  |
| <p>In 2020, was this vehicle used, at least partially, for any commercial or business-related activities?</p> |  |

Which of the following best describes your business (or part of your business) in which this vehicle was most often used during 2020?  
If vehicle was leased, indicate business of lessee. Mark ONE box only.



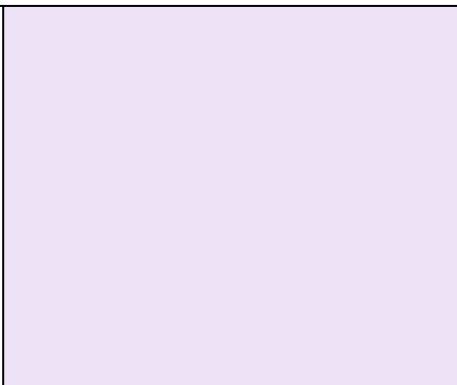
In 2020, was this vehicle used for any of the following commercial activities?  
Mark ALL that apply.



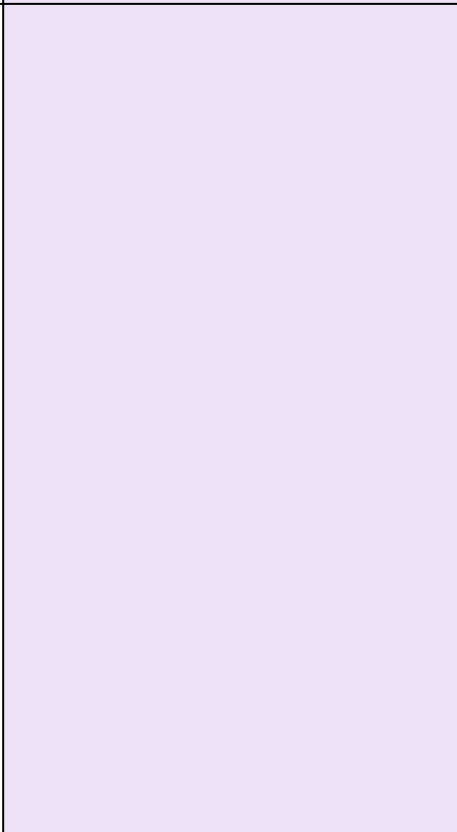
|  |  |
|--|--|
| <p>What was the approximate percent of this vehicle's 2020 mileage for each of the following commercial activities?<br/><i>Total should sum to 100%.</i></p>   |  |
| <p>Approximately, what percent of this vehicle's 2020 mileage was from each of the following operator classifications?<br/>Round to the nearest whole percent.<br/>NOTE: If your highest percentage occurs for:<br/>• Motor Carrier or Owner Operator, continue to section N — FOR HIRE<br/>• Private or Rental, skip to section O — <b>EMPTY</b><br/>• Personal transportation, go to section R — CONTACT INFORMATION</p> |  |
| <p>What was the approximate percent of this vehicle or vehicle/trailer combination's 2020 mileage for each of the following kinds of carrier?<br/><i>Round to the nearest whole percent.</i></p>   |  |

|   |  |
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| <p>What was the approximate percent of this vehicle or vehicle/trailer combination's 2020 mileage for each of the following kinds of service?<br/><i>Round to the nearest whole percent. Total should sum to 100%</i></p> |  |
| <p>In 2020, what percent of this vehicle or vehicle/trailer combination's hauls (including backhauls) were found from the following sources?<br/><i>Round to the nearest whole percent.</i></p>                           |  |
| <p>From ANY of the sources listed in question 3 above, what percent were found through the use of the Internet?<br/><i>Round to the nearest whole percent.</i></p>  |  |
| <p>In 2020, how many pickups and/or deliveries did this vehicle or vehicle/trailer combination average in a week?<br/><i>Round to the nearest number, including zero.</i></p>   |  |

What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?  
NOTE: If you reported 100% for empty mileage, skip to section R - CONTACT INFORMATION



What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?  
NOTE: If you reported 100% for empty mileage, skip to section R - CONTACT INFORMATION



What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to physical capacity (cubed out)?  
Round to the nearest whole percent.

What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to weight limit (weighed out)?  
Round to the nearest whole percent.



|   |  |
|---|--|
| <p>What was the approximate percent of this vehicle's 2020 mileage accounted for by the type of trips listed below?<br/><i>Round to the nearest whole percent. Total should sum to 100%</i></p> |  |
| <p>What was the approximate percentage of this vehicle's 2020 mileage driven to reposition the empty vehicle to a new location for the next load?</p>   |  |
| <p>What was the approximate percentage of this vehicle's 2020 mileage driven as a direct empty backhaul to home base?</p>   |  |
| <p>In 2020, did you EVER take less efficient routes due to:</p>   |  |

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|--|--|
| <p>During 2020, what products, tools, equipment, or materials did this vehicle carry, and what approximate percent of LOADED mileage were they carried?<br/> Categorize your products, tools, equipment, or materials carried into the groupings provided. Each applicable grouping code should be entered only once. Each item carried should be categorized into ONLY ONE GROUP. Include any backhauls, trip leasing, etc. Round to the nearest whole percent.</p> <p>Example: If the vehicle carried landscaping tools and hauled debris away, your response might be similar to this:</p> <p>Product Code (with example description)/ Percent of Loaded Miles (with example scenarios)<br/> 22 (For items such as rakes, shovels, handsaws, etc.)/ 100% (When carried for all of the loaded miles)<br/> 23 (For items such as leaf blowers, chainsaws, etc.)/ 100% (When carried for all of the loaded miles)<br/> 18 (For tree limbs, wood chips, etc.)/ 50% (When carried for half of the loaded miles)<br/> 44 (For grass clippings or other waste)/ 25% (When carried for one quarter of the loaded)</p> |  |
| <p>At any time during 2020, was this vehicle used to transport hazardous materials in quantities large enough to have a hazmat placard on the vehicle as required by 49 CFR Part 172 Subpart F?<br/> Mark ONE box only.</p>  |  |
| <p>What approximate percent of 2020 mileage did this vehicle transport hazardous materials in quantities large enough to have a hazmat placard on the vehicle as required by 49 CFR Part 172 Subpart F?<br/> Round to the nearest whole percent.</p>   |  |

What was the approximate percent of 2020 mileage for which this vehicle carried each of the following types of hazardous material(s)?

*Only report percentages for those hazardous materials carried in quantities large enough to have a hazmat placard on the vehicle. Percentages can add to more than 100% if more than one hazardous material was carried at the same time. Round to the nearest whole percent.*

| <b>2002 VIUS<br/>wo/weight<br/>9502<br/>73,248(74.2%)</b>  | <b>RESPONSE CATEGORIES</b>   |
|--|--|
| Yes -91.4 % (66,929)<br>No - 8.6% (6,319)<br><br>Total 73,248  | o Yes<br>o No  |
|  | o Yes<br>o No  |
| Dispose after 1/1/2002<br><b>Dispose 8.6%(6,319)</b><br>Yr 2002 - 5.2% (3,796)<br>Yr 2003 - 3.4% (2,523) | Month ____ / Year _____  |
|  | o Sold or gave it away<br>o Traded it in<br>o Junked, scrapped, or otherwise destroyed it<br>o Returned it to leasing company<br>o Repossessed |

|   |  |
|---|--|
|   | Month ____ / Year _____  |
|   | <input type="radio"/> Yes<br><input type="radio"/> No  |
|   | <input type="radio"/> Yes<br><input type="radio"/> No  |
| Lease/Y - 12.4% (9,093)<br>Lease/N - 56.3% (41,254)<br>NR - 31.3% (22,901)<br>28.8% Still own & 2.4% Disposed | <input type="radio"/> Yes<br><input type="radio"/> No  |
|   | <input type="radio"/> Lessee (leased this vehicle FROM someone else)<br><input type="radio"/> Lessor (leased this vehicle TO someone else) |

|  |  |
|--|--|
|  | <ul style="list-style-type: none"><li><input type="radio"/> Vehicle only</li><li><input type="radio"/> Vehicle with driver</li></ul>   |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Yes</li><li><input type="radio"/> No</li></ul>   |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Financing only</li><li><input type="radio"/> Full maintenance</li><li><input type="radio"/> Payment of taxes (such as state or federal highway use taxes)</li><li><input type="radio"/> Obtaining licenses and permits</li><li><input type="radio"/> Recordkeeping</li><li><input type="radio"/> Fuel contract</li></ul> |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Tractor (truck tractor or road tractor)</li><li><input type="radio"/> Other truck (with or without a trailer)</li></ul>  |

- Armored
- Beverage
- Concrete mixer
- Concrete pumper
- Crane
- Curtainside
- Dump (including belly or bottom dump)
- Flatbed (including any with added devices), stake, platform, etc.
- Low boy (platform with depressed center)
- Pole, logging, pulpwood, or pipe
- Service, utility, (telephone line, cable, pipeline, etc.)
- Service, other (mobile workshop, "craftsman's vehicle", etc.)
- Street sweeper
- Tank, dry bulk
- Tank, liquids or gases
- Tow/Wrecker (including flatbed type)
- Trash, garbage, or recycling
- Vacuum
- Van, basic enclosed (dry cargo)
- Van, insulated non-refrigerated
- Van, insulated refrigerated
- Van, open top (including low-side grain, fruit, potato bed, etc.)
- Van, step, walk-in, or multistep (including hi-cube or cutaway)
- Van, other
- Other not elsewhere classified: \_\_\_\_\_

|  |   |
|--|---|
|  | <ul style="list-style-type: none"><li><input type="radio"/> Two</li><li><input type="radio"/> Three</li><li><input type="radio"/> Four</li><li><input type="radio"/> Five or more</li></ul>                 |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Two</li><li><input type="radio"/> Four</li></ul>  |
|  | <ul style="list-style-type: none"><li><input type="radio"/> One axle</li><li><input type="radio"/> Two axles</li><li><input type="radio"/> Other - please specify: _____</li></ul>                          |
|  | <ul style="list-style-type: none"><li><input type="radio"/> None</li><li><input type="radio"/> One axle</li><li><input type="radio"/> Two axles</li><li><input type="radio"/> Three or more axles</li></ul> |



|  |  |
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|  | <p>Axles forward of the drive axle: _____<br/> Axles behind the drive axle - below the chassis: _____<br/> Axles behind the drive axle - extending beyond the chassis: _____</p>                 |
|  | <p><input type="radio"/> None<br/> <input type="radio"/> One axle<br/> <input type="radio"/> Two axles<br/> <input type="radio"/> Three or more axles</p>  |
|  | <p><input type="radio"/> Hydraulic (standard)<br/> <input type="radio"/> Hydraulic with power assist<br/> <input type="radio"/> Air<br/> <input type="radio"/> Other - please specify: _____</p> |
|  | <p><input type="radio"/> <i>Day cab</i><br/> <input type="radio"/> <i>Sleeper cab</i></p>  |
|  | <p><input type="radio"/> Conventional cab<br/> <input type="radio"/> Cab over engine<br/> <input type="radio"/> Cab forward of engine<br/> <input type="radio"/> Cab beside engine</p>           |
|  | <p><input type="radio"/> Yes<br/> <input type="radio"/> No</p>   |

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|--|--|
|  | Feet: _____ Inches: _____  |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Automatic</li><li><input type="radio"/> Manual</li><li><input type="radio"/> Semi-automated manual (driver shifts with an electronic module)</li><li><input type="radio"/> Automated manual (no driver shifting - done electronically)</li></ul> |
|  | Number of gears: _____   |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>o Aerial work platform/bucket</li> <li>o Air bag(s) (safety device only)</li> <li>o Air compressor (except for air brakes)</li> <li>o Air conditioning</li> <li>o Air springs</li> <li>o Anti-lock brake system</li> <li>o Automatic engine shutoff technology</li> <li>o Automatic tire inflation system</li> <li>o Collision warning system</li> <li>o Computerized drive train control unit</li> <li>o Crane</li> <li>o Electronic vehicle identification device (transponder) etc.</li> <li>o Engine retarder/brake</li> <li>o Hoist</li> <li>o Idle-reducing technology (portable auxiliary pack, electrification, etc.)</li> <li>o Internet access</li> <li>o Lift gate</li> <li>o Low rolling resistance tires on the drive wheels</li> <li>o Low rolling resistance tires on the steering wheels</li> <li>o Mounting bar for snowplow</li> <li>o Navigational system</li> <li>o Power take-off</li> <li>o Radial tires</li> <li>o Reflective material IN ADDITION to those required by law</li> <li>o Road speed governor</li> <li>o Route guidance technology</li> <li>o Single wide tires</li> <li>o Tire pressure monitoring system</li> <li>o Toolbox</li> <li>o Trip recorder or on-board computer WITH remote communication capabilities</li> <li>o Trip recorder or on-board computer WITHOUT remote communication capabilities</li> <li>o Winch</li> </ul> |
|  | <ul style="list-style-type: none"> <li>o Air bags</li> <li>o Anti-lock brake system</li> <li>o Automatic engine shutoff technology</li> <li>o Automatic tire inflation system</li> <li>o Driver camera</li> <li>o Engine retarder/brake</li> <li>o Global Positioning System (GPS)</li> <li>o Navigation system</li> <li>o Power take-off</li> <li>o Rollover protection</li> </ul>   |

|  |   |
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|  | <ul style="list-style-type: none"><li>o Adaptive Cruise Control</li><li>o Automatic Emergency Steering</li><li>o Blind Spot Warning</li><li>o Forward Automatic Emergency Braking</li><li>o Forward Collision Warning</li><li>o Lane Departure Warning</li><li>o Lane Keeping Assistance</li><li>o Parking Assistance</li><li>o Parking Obstruction Warning</li><li>o Pedestrian Detection</li><li>o Rear Cross Traffic Warning</li><li>o Reverse Automatic Emergency Braking</li></ul> |
|  | <ul style="list-style-type: none"><li>o Adaptive Cruise Control</li><li>o Active Driving Assistance</li><li>o Lane Keeping Assistance</li><li>o None of the above</li></ul>   |
|  | <ul style="list-style-type: none"><li>o Blind Spot Warning</li><li>o Forward Collision Warning</li><li>o Lane Departure Warning</li><li>o Parking Obstruction Warning</li><li>o Rear Cross Traffic Warning</li><li>o None of the above</li></ul>  |

|  |  |
|--|--|
|  | <ul style="list-style-type: none"><li>o Automatic Emergency Braking</li><li>o Automatic Emergency Steering</li><li>o Rear Automatic Emergency Braking</li><li>o None of the above</li></ul>  |
|  | <ul style="list-style-type: none"><li>o Active parking Assistance</li><li>o Remote Parking</li><li>o None of the above</li></ul>   |
|  | <ul style="list-style-type: none"><li>o Automated High Beams</li><li>o Backup Camera</li><li>o Driver Monitoring</li><li>o Head-Up Display</li><li>o Night Vision</li><li>o Surround-View Camera</li><li>o None of the above</li></ul> |

|  |  |
|--|--|
|  | <ul style="list-style-type: none"><li>o Aerodynamic bumper</li><li>o Aerodynamic hood</li><li>o Aerodynamic mirrors</li><li>o Fuel tank covers</li><li>o Gap reducers</li><li>o Idle-reducing technologies (portable auxiliary pack, electrification, etc.)</li><li>o Low rolling resistance tires</li></ul>   |
|  | <ul style="list-style-type: none"><li>o Aerial work platform/bucket</li><li>o Air compressor (except for air brakes)</li><li>o Bobtail</li><li>o Christmas tree</li><li>o Crane</li><li>o Electronic vehicle identification (transponder, etc.)</li><li>o Hoist</li><li>o Lift gate</li><li>o Mounting bar for snowplow</li><li>o Multi-hazmat</li><li>o Toolbox</li><li>o Winch</li></ul> |
|  | <ul style="list-style-type: none"><li><del>o Air conditioning</del></li><li><del>o Air springs</del></li><li><del>o Cruise control</del></li><li><del>o Internet access</del></li></ul>  |

|  |   |
|--|---|
|  |   |
|  | <ul style="list-style-type: none"><li>o 12 months</li><li>o 7-11 months</li><li>o 2-6 months</li><li>o 1 month or less</li><li>o Vehicle not used (no miles driven)</li></ul> |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"><li><input type="radio"/> Not applicable</li><li><input type="radio"/> Seasonal</li><li><input type="radio"/> Not needed/idle (excluding seasonal)</li><li><input type="radio"/> Under repair</li><li><input type="radio"/> Other - please specify:</li></ul> <hr/>   |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Yes (Continue with question 2 below)</li><li><input type="radio"/> No (Go to section I — MILES on page 14)</li></ul>  |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Company office/headquarters</li><li><input type="radio"/> Terminal</li><li><input type="radio"/> Distribution center</li><li><input type="radio"/> Manufacturing plant</li><li><input type="radio"/> Private residence (home, farm, etc.)</li><li><input type="radio"/> Other - please specify:</li></ul> <hr/> |



City: \_\_\_\_\_  
County/Parish/Borough (or equivalent): \_\_\_\_\_  
State: \_\_\_\_\_  
ZIP Code: \_\_\_\_\_

Pickups, small vans (including minivans), and sport utility vehicles: \_\_\_\_\_  
Tractors (power units only): \_\_\_\_\_  
All other trucks: \_\_\_\_\_  
Trailers (including trailer mounted equipment): \_\_\_\_\_  
Converter dollies: \_\_\_\_\_

|  |  |
|--|--|
|  | Miles: _____   |
|  | <input type="checkbox"/> Odometer readings<br><input type="checkbox"/> Gas receipts<br><input type="checkbox"/> Trip meter<br><input type="checkbox"/> GPS<br><input type="checkbox"/> Other:<br><hr/> |
|  | MPG: _____   |
|  | <input type="checkbox"/> Odometer readings<br><input type="checkbox"/> Gas receipts<br><input type="checkbox"/> Trip meter<br><input type="checkbox"/> GPS<br><input type="checkbox"/> Other:<br><hr/> |
|  | Operated in Canada: _____%<br>Operated in Mexico: _____%<br>Operated within the home base state: _____%<br>Operated in states other than the home base state (or has no home base): _____%             |

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|--|---|
|  | <p>Trips off-the-road: _____</p> <p>Trips on public private roads within</p> <ul style="list-style-type: none"><li>• 50 miles or less from vehicle's home base: _____</li><li>• 51 to 100 miles from vehicle's home base: _____</li><li>• 101 to 200 miles from vehicle's home base: _____</li><li>• 201 to 500 miles from vehicle's home base: _____</li><li>• 501 miles or more from vehicle's home base: _____</li></ul> |
|  | <p>Percent of miles off road _____%</p>   |
|  | <p>Miles: _____</p>   |

|  |   |
|--|---|
|  | Operating: _____ hours per week<br>Idling: _____ hours per week<br>Using auxiliary power: _____ hours per week  |
|  | _____%  |
|  | _____%  |
|  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Gasoline (including gasohol)</li> <li><input type="checkbox"/> Diesel (including biodiesel)</li> <li><input type="checkbox"/> Natural gas (compressed or liquid)</li> <li><input type="checkbox"/> Propane (liquefied petroleum gas)</li> <li><input type="checkbox"/> Alcohol fuels (ethanol or methanol)</li> <li><input type="checkbox"/> Electricity</li> <li><input type="checkbox"/> Other - please specify:</li> </ul> <hr/> |

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|  | <ul style="list-style-type: none"> <li><input type="radio"/> Gas station</li> <li><input type="radio"/> Truck stop</li> <li><input type="radio"/> Your own facility (including home, farm, ranch, on-site by mobile supplier, etc.)</li> <li><input type="radio"/> Other company's/contractor's facility not open to the public</li> <li><input type="radio"/> Other - please specify:</li> </ul> <hr/>  |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> None performed</li> <li><input type="radio"/> Company-owned maintenance facility</li> <li><input type="radio"/> General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)</li> <li><input type="radio"/> Dealership service department</li> <li><input type="radio"/> Leasing company</li> <li><input type="radio"/> Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility</li> <li><input type="radio"/> Other - please specify:</li> </ul> <hr/> |
|  | \$ _____   |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>  |

|  |  |
|--|--|
|  | <ul style="list-style-type: none"> <li><input type="radio"/> Company-owned maintenance facility</li> <li><input type="radio"/> General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)</li> <li><input type="radio"/> Dealership service department</li> <li><input type="radio"/> Leasing company</li> <li><input type="radio"/> Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility</li> <li><input type="radio"/> Other - please specify:<br/>_____</li> </ul> |
|  | \$ _____   |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>  |
|  | Year (4 digit): ____ _ ____ _  |
|  | <ul style="list-style-type: none"> <li><del><input type="radio"/> Yes</del></li> <li><del><input type="radio"/> No</del></li> </ul>  |
|  | No trailer pulled: _____%<br>Single trailer pulled: _____%<br>Double trailers pulled: _____%<br>Triple trailers pulled: _____%   |

|  |  |
|--|--|
|  | <ul style="list-style-type: none"><li><input type="radio"/> Yes</li><li><input type="radio"/> No</li></ul>   |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Yes, this vehicle pulled a trailer for 50% or more of all miles driven.</li><li><input type="radio"/> No, this vehicle pulled a trailer for less than 50% of all miles driven.</li></ul> |
|  | <ul style="list-style-type: none"><li><input type="radio"/> Single trailer (Go to Question 4)</li><li><input type="radio"/> Double trailer (Go to Question 7)</li><li><input type="radio"/> Triple trailer (Go to Question 11)</li></ul>             |
|  | <ul style="list-style-type: none"><li><input type="radio"/> One</li><li><input type="radio"/> Two</li><li><input type="radio"/> Three or more</li></ul>  |
|  | _____feet  |
|  | <ul style="list-style-type: none"><li><input type="radio"/> 96 inches</li><li><input type="radio"/> 102 inches</li><li><input type="radio"/> Other - please specify: _____</li></ul>   |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li><input type="radio"/> Three</li> <li><input type="radio"/> Four</li> <li><input type="radio"/> Five</li> <li><input type="radio"/> Six or more</li> </ul>  |
|  | First trailer: _____ feet<br>Second trailer: _____ feet   |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> 96 inches</li> <li><input type="radio"/> 102 inches</li> <li><input type="radio"/> Other - please specify: _____</li> </ul>          |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> 96 inches</li> <li><input type="radio"/> 102 inches</li> <li><input type="radio"/> Other - please specify: _____</li> </ul>          |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> Five</li> <li><input type="radio"/> Six</li> <li><input type="radio"/> Seven</li> <li><input type="radio"/> Eight or more</li> </ul> |
|  | First trailer: _____ feet<br>Second trailer: _____ feet<br>Third trailer: _____ feet  |



|  |  |
|--|--|
|  | <ul style="list-style-type: none"> <li><input type="radio"/> 96 inches</li> <li><input type="radio"/> 102 inches</li> <li><input type="radio"/> Other - please specify: _____</li> </ul>   |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> 96 inches</li> <li><input type="radio"/> 102 inches</li> <li><input type="radio"/> Other - please specify: _____</li> </ul>   |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> 96 inches</li> <li><input type="radio"/> 102 inches</li> <li><input type="radio"/> Other - please specify: _____</li> </ul>   |
|  | <ul style="list-style-type: none"> <li><input type="radio"/> Automobile carrier (excluding curtain, van, or flatbed)</li> <li><input type="radio"/> Beverage</li> <li><input type="radio"/> Curtainside</li> <li><input type="radio"/> Dump (including belly or bottom dump)</li> <li><input type="radio"/> Flatbed, platform, etc.</li> <li><input type="radio"/> Livestock (including livestock drop frame)</li> <li><input type="radio"/> Low boy (platform with depressed center)</li> <li><input type="radio"/> Mobile home toter</li> <li><input type="radio"/> Open top (including vans, low-side grain, fruit, etc.)</li> <li><input type="radio"/> Pole, logging, pulpwood, or pipe</li> <li><input type="radio"/> Refrigerated trailer</li> <li><input type="radio"/> Tank, dry bulk</li> <li><input type="radio"/> Tank, liquids or gases</li> <li><input type="radio"/> Trailer mounted equipment</li> <li><input type="radio"/> Van, basic enclosed (dry cargo)</li> <li><input type="radio"/> Van, drop frame (excluding livestock)</li> <li><input type="radio"/> Van, insulated non-refrigerated</li> <li><input type="radio"/> Van, insulated refrigerated</li> <li><input type="radio"/> Other not elsewhere classified - please specify:<br/>_____</li> </ul> |

|  |  |
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|  | <ul style="list-style-type: none"> <li>o Aluminum wheels</li> <li>o Front faring</li> <li>o Lightweight landing gear</li> <li>o Rear faring</li> <li>o Side skirts</li> <li>o Undercarriage aerodynamic devices</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>o Less than 16.0 feet</li> <li>o 16.0 to 19.9 feet</li> <li>o 20.0 to 27.9 feet</li> <li>o 28.0 to 35.9 feet</li> <li>o 36.0 to 40.9 feet</li> <li>o 41.0 to 44.9 feet</li> <li>o 45.0 to 49.9 feet</li> <li>o 50.0 to 54.9 feet</li> <li>o 55.0 to 59.9 feet</li> <li>o 60.0 to 64.9 feet</li> <li>o 65.0 to 69.9 feet</li> <li>o 70.0 to 74.9 feet</li> <li>o 75.0 to 79.9 feet</li> <li>o More than 80.0 feet</li> </ul> |
|  | <p style="text-align: center;">_____pounds</p>   |

|  |   |
|--|---|
|  | _____ pounds  |
|  | _____ pounds  |
|  | _____ miles   |
|  | _____ permits                                       |
|  | _____ permits                                       |
|  | _____ trips   |
|  | _____ trips   |
|  | _____ single trip permits<br>(If zero, skip to L-7) |

|  |   |
|--|---|
|  | _____ single trip permits   |
|  | _____ miles   |
|  | _____ annual permits<br>(If zero, skip to L-10)   |
|  | _____ annual permits  |
|  | _____ miles   |
|  | _____ hours per week  |
|  | <input type="checkbox"/> Yes, this vehicle was used at least part time for commercial activities<br><input type="checkbox"/> No, this vehicle was strictly used for personal transportation |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>o For-hire transportation or warehousing</li> <li>o Vehicle leasing or rental (includes short-term rentals)</li> <li>o Agriculture, forestry, fishing, or hunting</li> <li>o Mining (includes quarrying, well operations, and beneficiating)</li> <li>o Utilities (includes electric power, natural gas, steam supply, water supply, and sewage removal)</li> <li>o Construction (includes land subdivision and development, as well as construction activity by special trade contractors)</li> <li>o Manufacturing</li> <li>o Wholesale trade</li> <li>o Retail Trade</li> <li>o Information services (includes telephone and television)</li> <li>o Waste management, landscaping, or administrative/support services</li> <li>o Arts, entertainment, or recreation services</li> <li>o Accommodation or food services (for immediate consumption)</li> <li>o Other services, including real estate, nonvehicle leasing or rental, educational, health care, social assistance, finance, insurance, professional, scientific, or technical services</li> <li>o Other – please specify: _____</li> </ul> |
|  | <ul style="list-style-type: none"> <li>o Transporting goods belonging to you or your company</li> <li>o Transporting goods belonging to another person or company</li> <li>o Transporting tools related to your business</li> <li>o Transporting paying passengers</li> <li>o Used as a daily or short term rental</li> <li>o Other: _____</li> </ul>   |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>o Transporting goods belonging to you or your company _____%</li> <li>o Transporting goods belonging to another person or company _____%</li> <li>o Transporting tools related to your business _____%</li> <li>o Transporting paying passengers _____%</li> <li>o Used as a daily or short term rental _____%</li> <li>o Personal transportation (non-commercial use) _____%</li> <li>o Other: _____ %</li> </ul> |
|  | <p>Private (carry own goods, or use truck for internal company business only): _____%</p> <p>Motor carrier (company owned trucks hired to carry other people's goods): _____%</p> <p>Owner operator (independent truckers hired to carry other people's goods): _____%</p> <p>Rental (daily and other short term): _____%</p> <p>Personal transportation: _____%</p>  |
|  | <p>Contract (offered transportation services to certain shippers under specific contracts): _____%</p> <p>Common (offered transportation services to the general public over regular and irregular routes): _____%</p>  |

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|  | Truckload (a single shipment carried at one time): _____%<br>Less-than-truckload (multiple shipments carried at one time): _____%  |
|  | <input type="checkbox"/> Shippers or receivers directly<br><input type="checkbox"/> Brokers<br><input type="checkbox"/> Centralized markets or exchanges<br><input type="checkbox"/> Other — please specify:<br>_____<br>_____ |
|  | Sources found through the use of the internet: _____%  |
|  | Pickups and/or deliveries: _____   |

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|  | <p>Empty — NOT CARRYING any products, tools, equipment, or materials: _____%</p> <p>Loaded — CARRYING products, tools, equipment, or materials: _____%</p> |
|  | <p>Empty - NOT CARRYING any products, tools, equipment, or materials: _____%</p> <p>Loaded - CARRYING products, tools, equipment, or materials: _____%</p> |



• Vehicle was filled to physical capacity (cubed out): \_\_\_\_\_%

• Vehicle was filled to weight limit (weighed out): \_\_\_\_\_%

|  |  |
|--|--|
|  | <p>Vehicle was cubed out: _____%</p> <p>Vehicle was weighed out: _____%</p> <p>Vehicle was empty: _____%</p> |
|  | <p>_____%</p>  |
|  | <p>_____%</p>  |
|  | <p>o Low height on a bridge or a tunnel</p> <p>o Weight restriction on a bridge</p>                          |

Product Code/ Percent of Loaded Miles

\_\_\_\_\_/\_\_\_\_\_%  
\_\_\_\_\_/\_\_\_\_\_%  
\_\_\_\_\_/\_\_\_\_\_%  
\_\_\_\_\_/\_\_\_\_\_%  
\_\_\_\_\_/\_\_\_\_\_%

Yes  
 No

\_\_\_\_\_%

Division 1.1: Explosives 1.1: \_\_\_\_\_%  
Division 1.2: Explosives 1.2: \_\_\_\_\_%  
Division 1.3: Explosives 1.3: \_\_\_\_\_%  
Division 1.4: Explosives 1.4: \_\_\_\_\_%  
Division 1.5: Explosives 1.5: \_\_\_\_\_%  
Division 1.6: Explosives 1.6: \_\_\_\_\_%  
Division 2.1: Flammable gas: \_\_\_\_\_%  
Division 2.2: Nonflammable gas: \_\_\_\_\_%  
Division 2.3: Poison gas: \_\_\_\_\_%  
Class 3: Flammable: \_\_\_\_\_%  
Combustible liquid: Combustible: \_\_\_\_\_%  
Oxygen 2: Oxygen: \_\_\_\_\_%  
Division 4.1: Flammable solid: \_\_\_\_\_%  
Division 4.2: Spontaneously combustible: \_\_\_\_\_%  
Division 4.3: Dangerous when wet: \_\_\_\_\_%  
Division 5.1: Oxidizer: \_\_\_\_\_%  
Division 5.2: Organic peroxide: \_\_\_\_\_%  
Division 6.1: Poison: \_\_\_\_\_%  
Class 7: Radioactive: \_\_\_\_\_%  
Class 8: Corrosive: \_\_\_\_\_%  
Class 9: Class 9: \_\_\_\_\_%

Last Name: \_\_\_\_\_  
First Name: \_\_\_\_\_  
Middle Initial: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
Street Address 2: \_\_\_\_\_  
City (or city equivalent): \_\_\_\_\_  
State: \_\_\_\_\_  
Zip Code: \_\_\_\_\_  
Area Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Extension: \_\_\_\_\_  
Email: \_\_\_\_\_  
Month: \_\_\_\_  
Day: \_\_\_\_

**SKIP PATTERN - PAPER**

- Yes (Go to section C - Acquisition)
- No (Go to section B - Disposal)

- Yes (Go to section Q- Contact Information)
- No (Continue with question 2 below)

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|---|
| <p><input type="radio"/> Yes (Go to question 3 below)</p> <p><input type="radio"/> No</p> |
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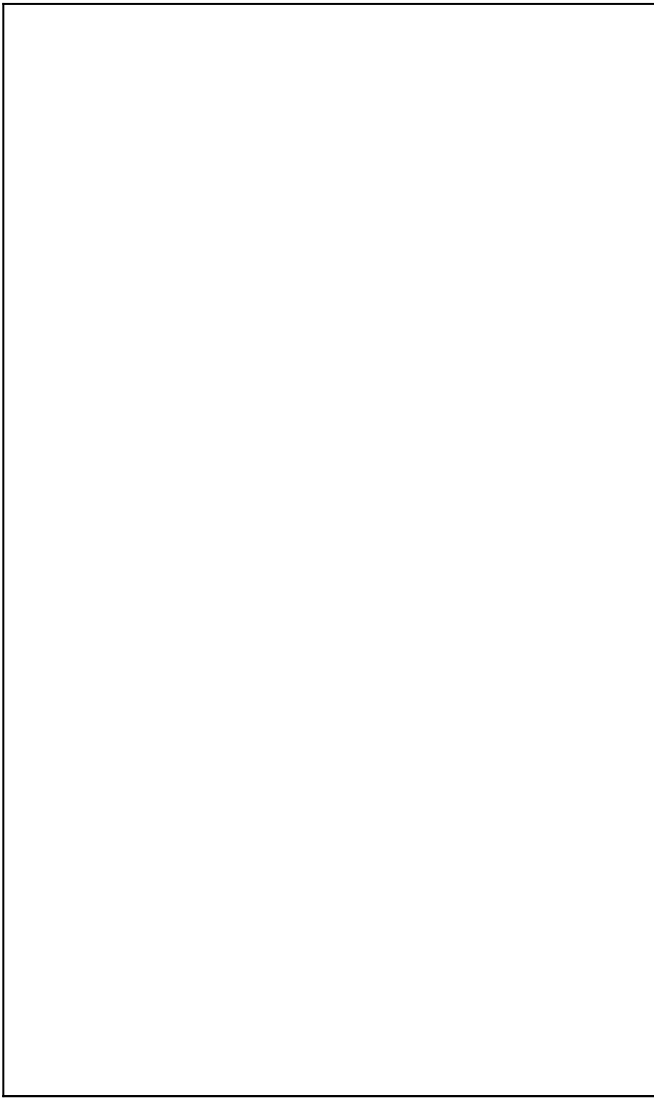
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| <p><input type="radio"/> Yes</p> <p><input type="radio"/> No (Go to section E - TYPE OF VEHICLE)</p> |
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|---|
| <input type="radio"/> Yes (Go to section F - Physical Characteristics)<br><input type="radio"/> No (Continue with question 2 below) |
|---|





- None (Go to question 7)
- One axle
- Two axles
- Three or more axles

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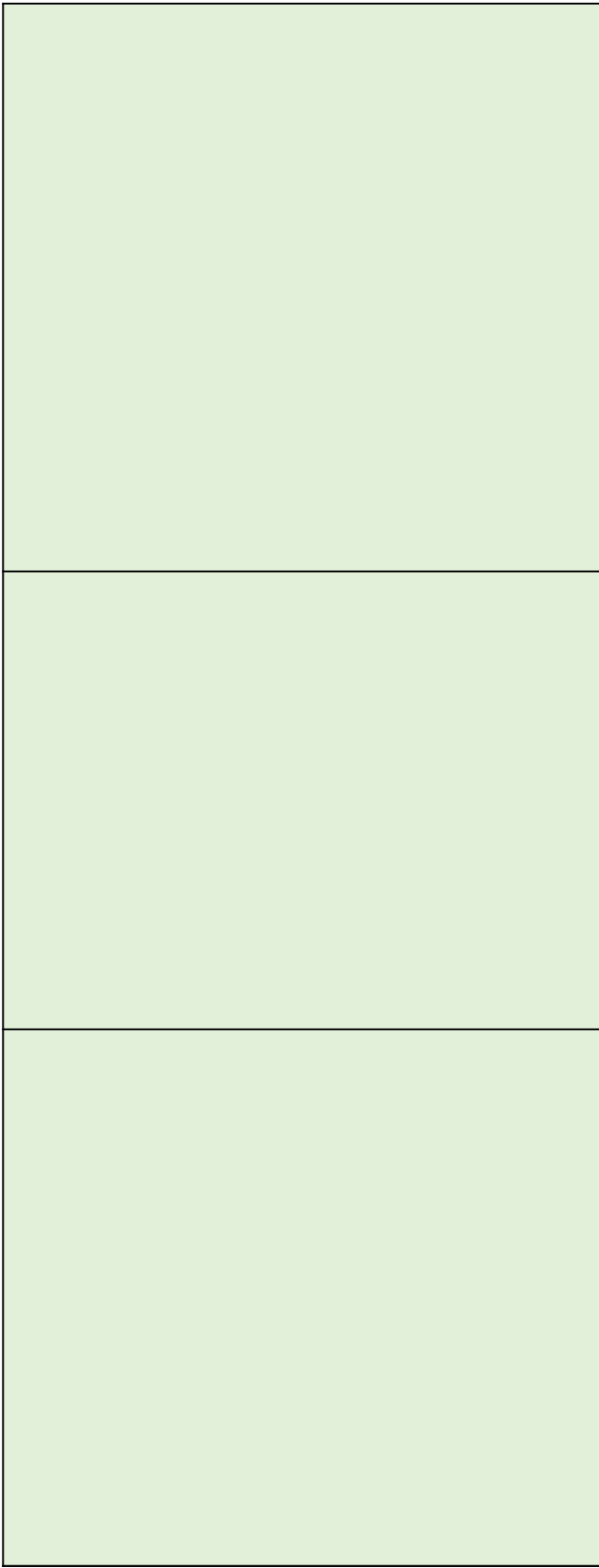
|   |
|---|
| <input type="radio"/> Day cab (Go to question 9)<br><input type="radio"/> Sleeper cab (Go to question 10) |
|---|

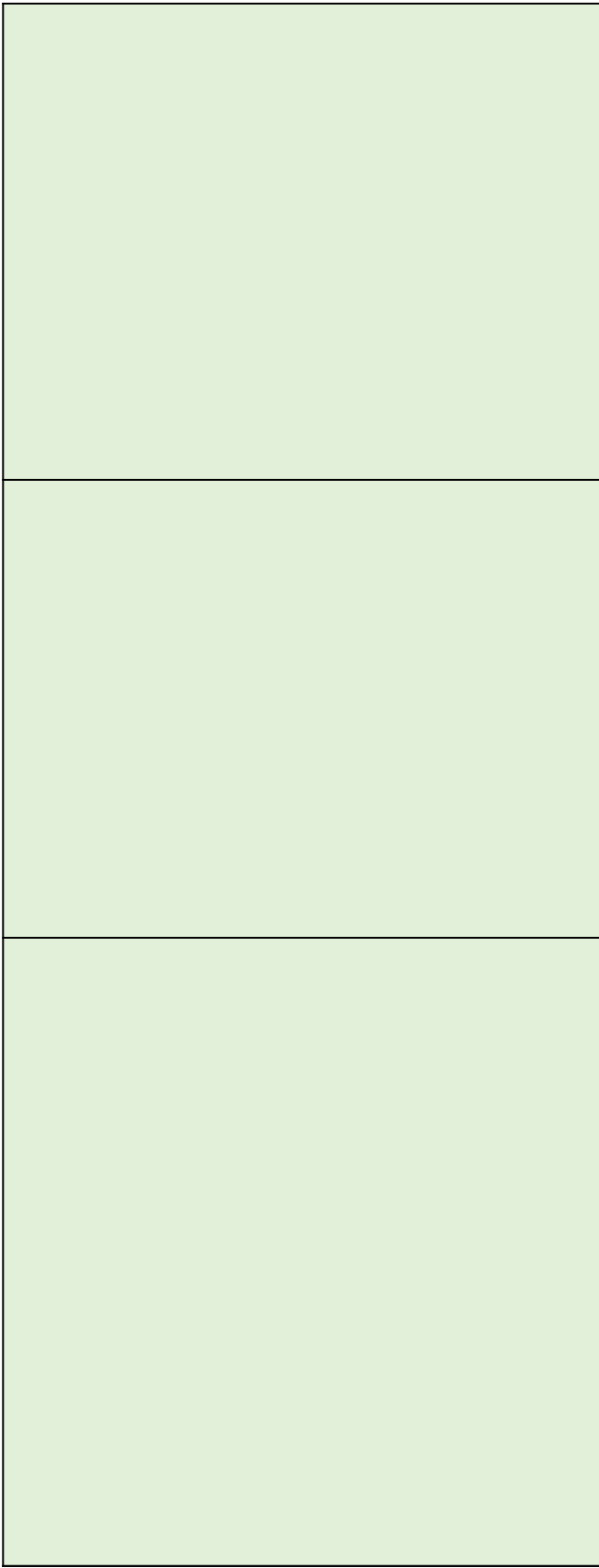
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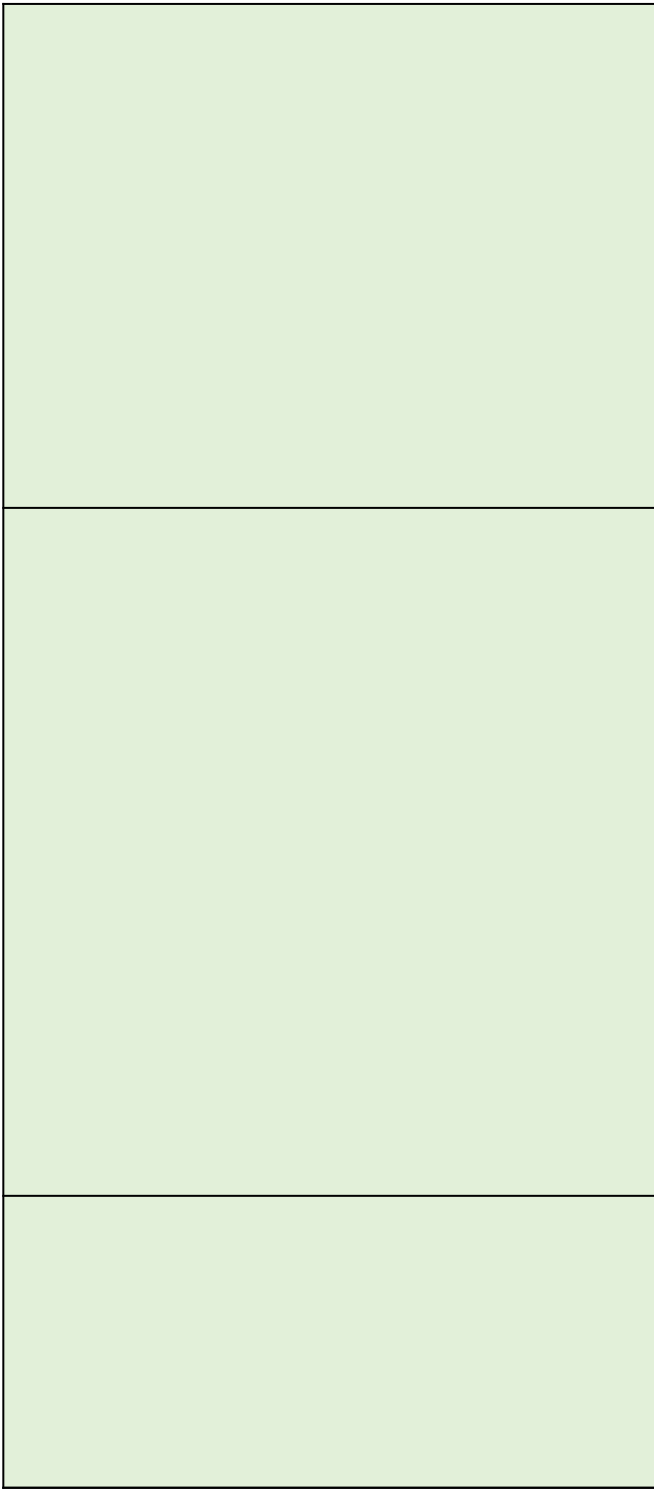
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- o 12 months (Go to section H -Home base)
- o 7-11 months
- o 2-6 months
- o 1 month or less
- o Vehicle not used (no miles driven)



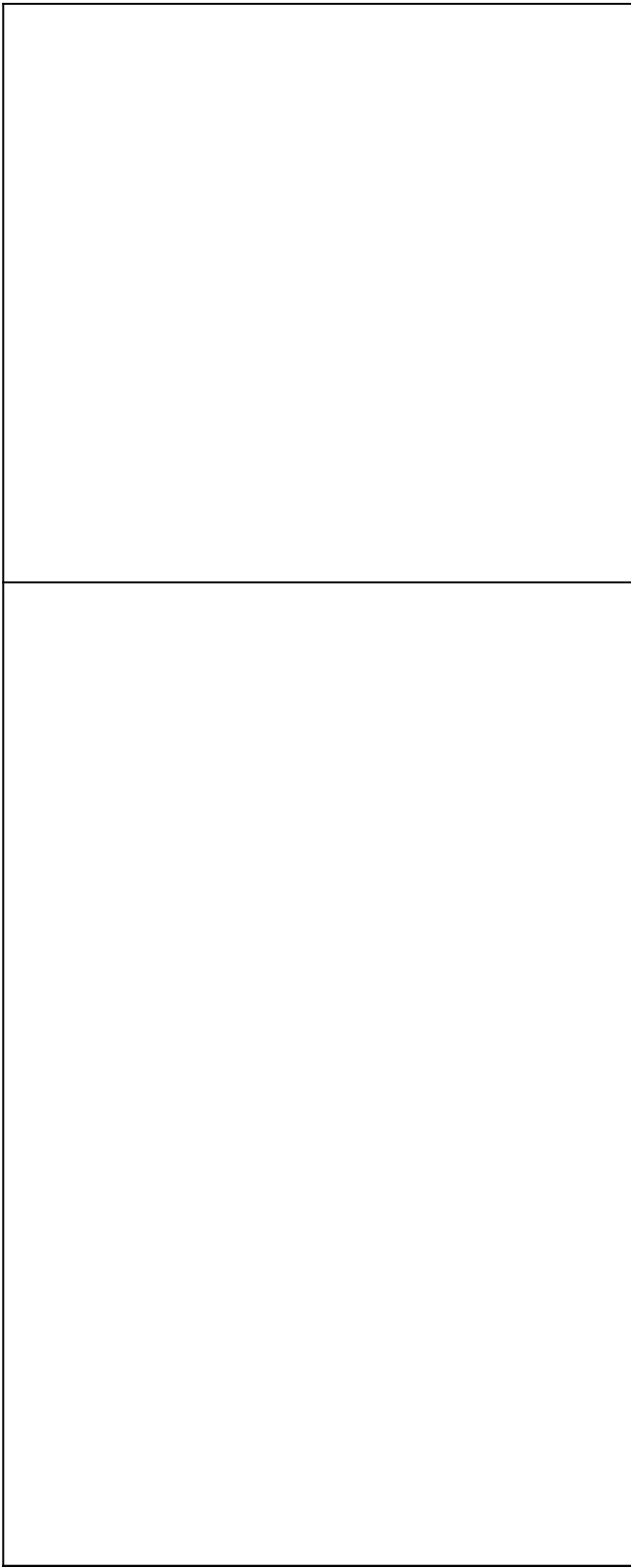
After answering this question and you reported question 1 above "Vehicle not used(no miles driven)", go to section Q - Contact Information

- Not applicable
- Seasonal
- Not needed/idle (excluding seasonal)
- Under repair
- Other - please specify:

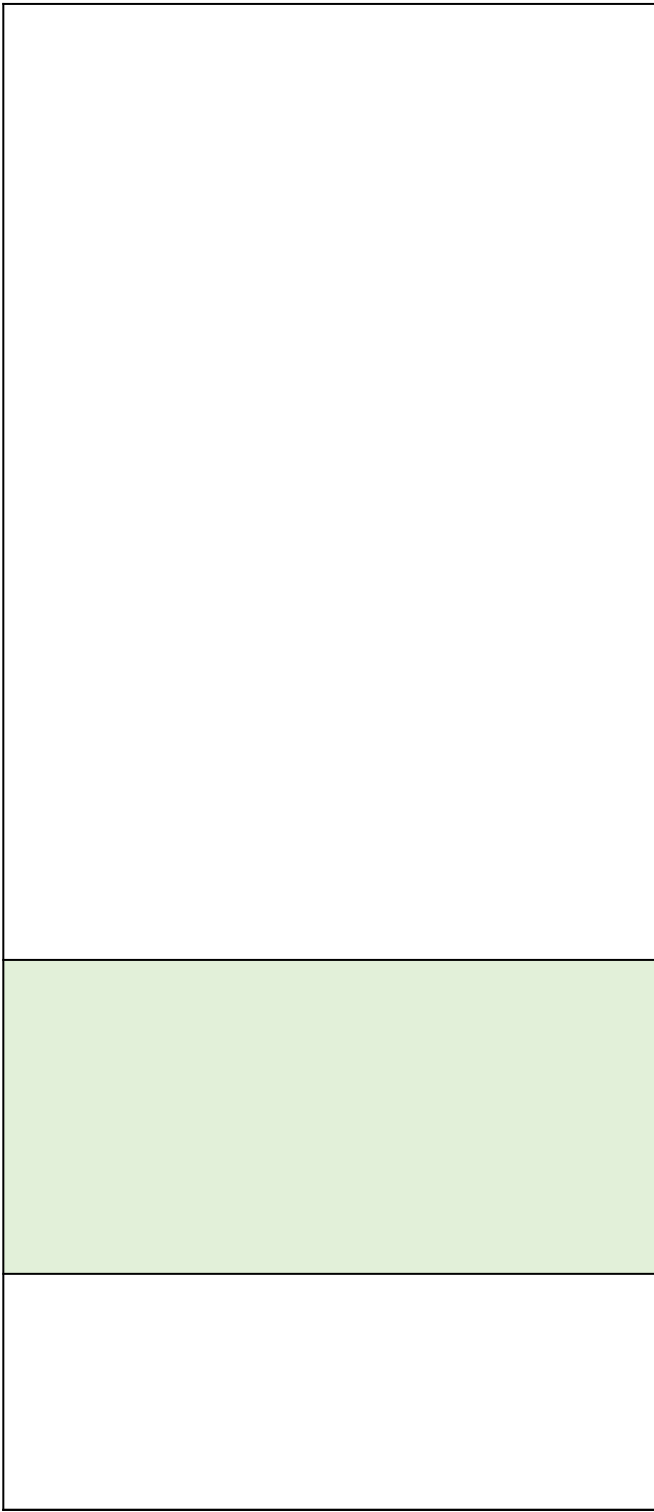
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- Private residence
- Corporate office/headquarters
- Terminal
- Distribution center
- Manufacturing plant
- Farm/Agricultural Production
- Mining or other Energy Production Site
- Truck leasing company
- Other (please specify) \_\_\_\_\_
- No home base (Go to section I - Miles)

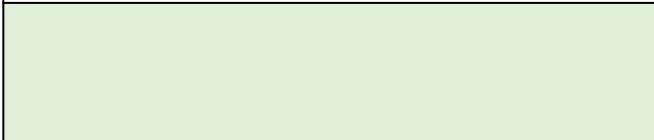








- General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)
- Dealership service department
- Leasing company
- Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility
- Company-owned maintenance facility
- None performed (Skip question 4, proceed to question 5)
- Other - please specify: \_\_\_\_\_



- Yes (Continue with question 6 below)
- No (Skip questions 6 and 7, proceed to question 8)

- Yes (Continue with question 9 below)
- No (Go to section K - Vehicle Configuration)
- Don't know (Go to section K - Vehicle Configuration)

- Yes
- No (Skip to K-17)

~~If the highest percentage reported question 2 was:~~

- ~~• No trailer pulled, skip question K17-~~
- ~~• Single trailer pulled, continue to next question.~~
- ~~• Double trailer pulled, skip to question K6~~
- ~~• Triple trailer pulled, skip to question K10~~

- Yes
- No (If no, go to Question 18)

- Yes, this vehicle pulled a trailer for 50% or more of all miles driven.
- No, this vehicle pulled a trailer for less than 50% of all miles driven. (If no, go to question 18)

After answer this question, Skip to question K16.

- 96 inches
- 102 inches
- Other - please specify: \_\_\_\_\_



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| After answer this question, Skip to question K16.<br>o 96 inches<br>o 102 inches<br>o Other - please specify: _____ |
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if you reported 0 mile, skip to section M (Kind of Business).

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Yes, this vehicle was used at least part time for commercial activities (Continue with question 2 below)

No, this vehicle was strictly used for personal transportation (Skip to section Q - Contact information)



If you report your highest percent of miles, skip to the following:

- o Transporting goods belonging to you or your company
- o Transporting goods belonging to another person or company
- o Transporting tools related to your business (Skip to section Q - Contact Information)
- o Transporting paying passengers (Skip to section Q - Contact Information)
- o Used as a daily or short term rental (Skip to section Q - Contact Information)
- o Personal transportation (non-commercial use) (Skip to section Q - Contact Information)
- o Other (Skip to section Q - Contact Information)

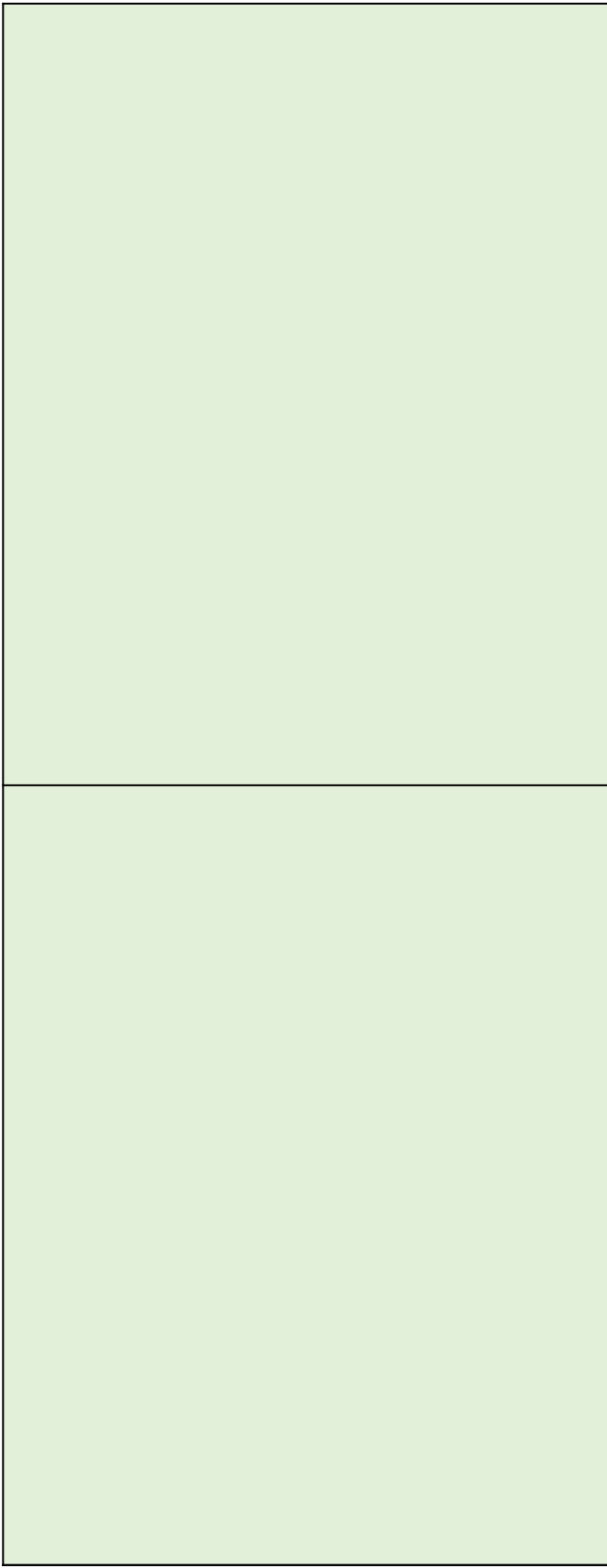
~~NOTE: If your highest percentage occurs for:~~

- ~~• Motor Carrier or Owner Operator, continue to section N - FOR HIRE~~
- ~~• Private business use, skip to (section O - Products, Equipment, or Material)~~
- ~~• Personal transportation or Rental, go to section R - CONTACT INFORMATION~~

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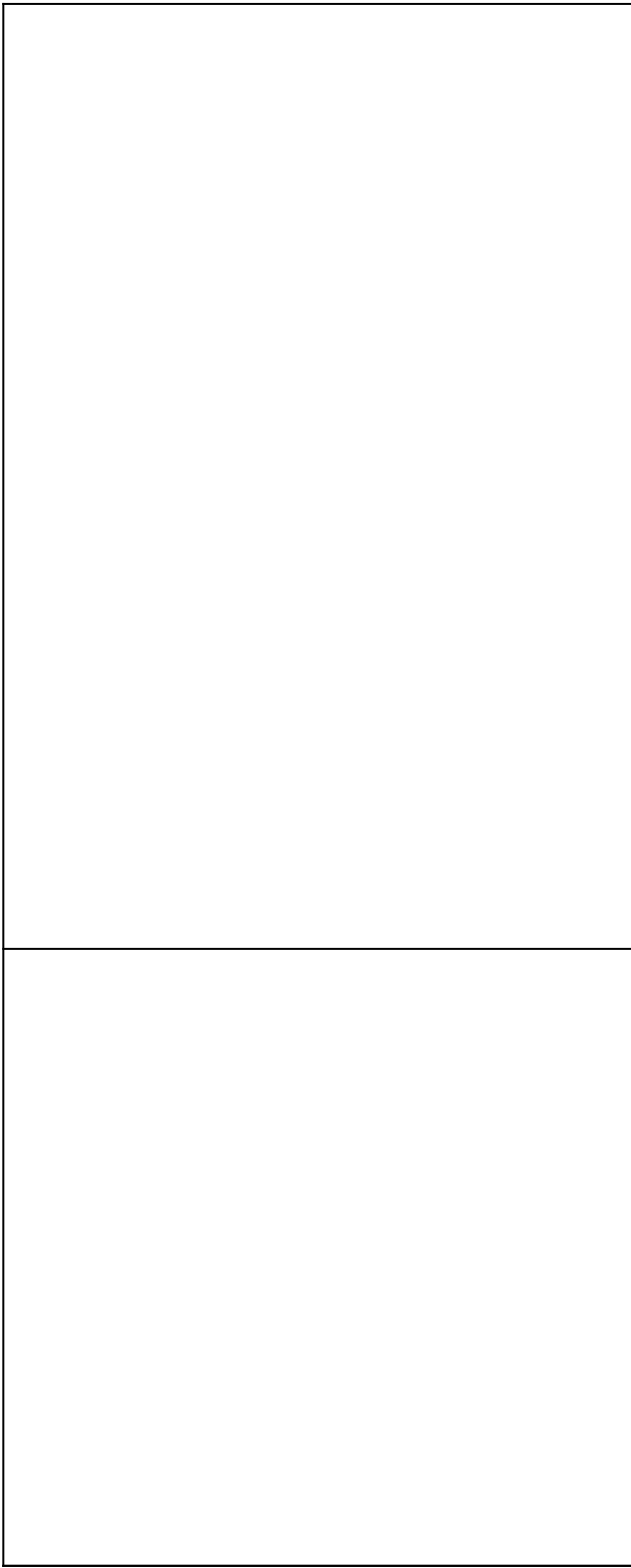


NOTE: If you reported 100% for empty mileage, skip to section R — CONTACT INFORMATION.



If you reported 100 percent for empty mileage, skip to Contact Information.

- Yes (Continue to question 2)
- No (Skip to section Q - CONTACT INFORMATION)



| REVISED QUESTION TEXT   | Approved by BTS<br>(date) |
|---|---------------------------|
| Is the vehicle identified above still in your possession OR your company's possession?  | 28-Jan                    |
|   |                           |
|   |                           |
| <p>How did you dispose of this vehicle?</p> <p>NOTE: If you disposed of this vehicle after January 1, 2020, answer all of the remaining applicable questions according to how you used the vehicle during 2020.</p> <p>If you disposed of this vehicle prior to January 1, 2020 skip to section R – Contact Information.<br/>Mark ONE box only.</p> | 28-Jan                    |

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| <p>When did you originally take physical possession of this vehicle?</p> <p><i>Enter 2-digit month and 4-digit year.</i></p>  | <p>28-Jan</p> |
| <p>Was this vehicle new when you took physical possession of it?</p>  | <p>28-Jan</p> |
|   |               |
| <p><b>NOTE:</b> <i>This section pertains to ownership leasing. Rental agreements are NOT covered.</i></p> <p>Did you lease this vehicle FROM another person or company during 2020?</p> | <p>2-Jun</p>  |
| <p>Did you lease this vehicle TO another person or company during 2020?</p>   | <p>2-Jun</p>  |

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| Was the leasing agreement for 12 months or more?      | 28-Jan |
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| Is this vehicle a semi-truck (tractor/trailer truck)? | 2-Jun  |



Which body type most closely resembled this vehicle?  
Mark ONE box only.

28-Jan

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| <p>What was the total number of axles, including liftable (tag) axles, on this vehicle, excluding axles on trailer(s)?<br/>Mark ONE box only.</p> | 2-Jun  |
| <p>How many tires were on the rear axle?<br/>Mark ONE box only.</p>   | 2-Jun  |
| <p>How many of this vehicle's axles were powered?<br/>Mark ONE box only.</p>  | 28-Jan |
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| <p>From question 4 above, how many of the liftable axles were located in the following locations?<br/> <i>Total number of axles indicated for this question should equal the total number of axles indicated in question 4 above.</i></p> |       |
|   |       |
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|   | 2-Jun |
| <p>Which of the following best describes the cab of this vehicle?<br/> Mark ONE box only.</p>   | 2-Jun |
| <p>Did the cab of this vehicle contain a sleeper?<br/> Mark ONE box only.</p>   | 2-Jun |

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| <p>What was the height of this vehicle's cabin (measured from the ground to the top of the roof)? Include any equipment that extends above the roof of the cabin such as an antenna, a fairing, or a smoke stack.</p> | 2-Jun  |
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|   | 28-Jan |

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| <p>Did this vehicle have any of the following equipment?<br/>Mark ALL that apply.</p>                  | 28-Jan |
| <p>In 2020, did this vehicle have any of the following standard features?<br/>Mark ALL that apply.</p> | 2-Jun  |

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| <p>In 2020, did this vehicle have any of the following driver assistance features?<br/>Mark ALL that apply.</p> | 2-Jun |
|   | 2-Jun |
|   | 2-Jun |

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|  | 2-Jun |
|  | 2-Jun |

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| <p>In 2020, did this vehicle have any of the following fuel economy features?<br/>Mark ALL that apply.</p> | 2-Jun  |
| <p>In 2020, did this vehicle have any of the following other features?<br/>Mark ALL that apply.</p>        | 2-Jun  |
|  | 11-Mar |



What was this vehicle's towing capacity in pounds?

2-Jun

In 2020, how many months was this vehicle used?  
Round to the nearest whole month.  
Mark ONE box only.

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|---|---------------|
| <p>In 2020, what reasons (if any) was this vehicle NOT in use for periods of 90 consecutive days or more?<br/>Mark ALL that apply.</p>  |               |
| <p>**remove question and combine with H1</p>  | <p>28-Jan</p> |
| <p>What was the primary function of the home base from which this vehicle operated?<br/>Home base refers to the location where the vehicle was usually parked when it was not on the road. Mark ONE box only.</p> | <p>28-Jan</p> |

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| <p>In addition to this vehicle, how many other vehicles/trailers were operated from the home base location?</p> | <p>28-Jan</p> |

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| <p>How many total miles was this vehicle driven in 2020?<br/>Round to the nearest whole mile.</p> | <p>2-Jun</p>  |
| <p>How was the annual mileage calculated?<br/>Mark ALL that apply.</p>                            | <p>28-Jan</p> |
|   |               |
| <p>How was miles-per-gallon (mpg) calculated?<br/>Mark ALL that apply.</p>                        | <p>28-Jan</p> |
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| <p>What was the approximate percent of this vehicle's 2020 mileage driven within the following ranges of operation?<br/>If this vehicle does not operate from a home base, report its average range of operation.<br/>Round to the nearest whole percent. Total should sum to 100%.</p> | 2-Jun |
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| In 2020, what was the approximate percent of this vehicle's operating time spent using auxiliary power unit?   | 2-Jun |
| In 2020, what type of fuel or fuel combination was most often used in this vehicle? If a fuel combination was used, select ALL that make up the combination. Otherwise, Mark ONE box only. |       |

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| <p>In 2020, at what type of location was this vehicle typically refueled?<br/>Mark ONE box only.</p>  |       |
| <p>In 2020, who performed any GENERAL maintenance (oil change, brake change, headlight replacement, etc.) on this vehicle?<br/>Mark ALL that apply.</p> |       |
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| <p>In 2020, were any EXTENSIVE repairs over \$500 performed on this vehicle?</p>  | 2-Jun |

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| Has this vehicle's engine EVER been rebuilt or overhauled?<br>Mark ONE box only. |       |
| In what year was this vehicle's engine LAST rebuilt or overhauled?               |       |
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|  | 2-Jun |



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|   | 2-Jun |
| How many axles were on this single trailer configuration?<br>Mark ONE box only. |       |
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| <p>How many axles were on this double trailer configuration, including any converter dollies?<br/>Do NOT include any axles on the power unit.<br/>Mark ONE box only.</p>               |  |
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|  |  |
| <p>How many axles were on this triple trailer configuration, including any converter dollies?<br/><i>Do NOT include any axles on the power unit.</i><br/><i>Mark ONE box only.</i></p> |  |
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| Which type of trailer resembled that most often attached to this vehicle?<br>Mark ONE box only. |  |

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| <p>Did the trailer have any of the following add-on equipment?<br/> <i>Select ALL that apply.</i></p>   |              |
| <p>Paper instrument:<br/> Referring to the most common configuration indicated in question 1 (no trailer or trailer pulled), what was the total length of this vehicle or vehicle/trailer combination? Report distance, in feet, from front bumper to rear of vehicle or trailer(s).<br/> Mark ONE box only.</p> <p>Electronic instrument:</p> <p>if the R did not answer question 1:<br/> Referring to the most common configuration indicated in question 1 (no trailer or trailer pulled), what was the total length of this vehicle or vehicle/trailer combination? Report distance, in feet, from front bumper to rear of vehicle or trailer(s).<br/> Mark ONE box only.</p> <p>if the R has indicated pulling a trailer:<br/> What was the total length of this [insert year, make, model] plus the [single/double/triple] trailer combination?</p> <p>if the R has indicated that they do not pull a trailer:<br/> What was the total length of this [insert year, make, model]?</p> | <p>2-Jun</p> |
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|  | 2-Jun  |
|  | 2-Jun  |
|  | 2-Jun  |
|  | 2-Jun  |
| What were the average hours per week that the trailer(s) was pulled with a permit to operate over weight?<br><i>Round to nearest whole hour.</i> | 28-Jan |
|  |        |

Which of the following best described the business activity in which this vehicle was most often used during 2020? If vehicle was leased, indicate business of lessee.  
Mark ONE box only.

2-Jun

11-Mar

What was the approximate percent of this vehicle's 2020 mileage for each of the following activities?

2-Jun

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| In 2020, how many loads and/or runs did this vehicle or vehicle/trailer combination average in a week?<br><i>Round to the nearest number, including zero.</i> |       |

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2-Jun

2-Jun

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| What was the approximate percentage of the vehicle's 2020 mileage driven empty or deadhead directly back to home base? | 2-Jun |
|  | 8-Jun |

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| <p>In 2020, for the miles driven while carrying a load, what percentage of those "LOADED miles" were driven while carry the following products, tools, equipment, or materials?</p> <p>Round to the nearest whole percent. Percentages can add to more than 100% if more than one type of tool or product was carried at the same time.</p> <p>Categorize your products, tools, equipment, or materials carried into the groupings provided. Each applicable grouping code should be entered only once. Each item carried should be categorized into ONLY ONE GROUP. Include any backhauls, trip leasing, etc. Round to the nearest whole percent.</p> <p>Example: If the vehicle carried landscaping tools and hauled debris away, your response might be similar to this:</p> <p>Product Code (with example description) /Percent of Loaded Miles (with example scenarios)<br/> 22 (For items such as rakes, shovels, handsaws, etc.) / 100% (When carried for all of the loaded miles)<br/> 23 (For items such as leaf blowers, chainsaws, etc.) / 100% (When carried for all of the loaded miles)<br/> 18 (For tree limbs, wood chips, etc.) / 50% (When carried for half of the loaded miles)<br/> 44 (For grass clippings or other waste) / 25% (When carried for one quarter of the loaded)</p> | <p>2-Jun</p>  |
|  |               |
| <p>What was the approximate percentage of this vehicle's 2020 mileage used to transport hazardous materials in quantities large enough to have a hazmat placard on the vehicle as required by 49 CFR Part 172 Subpart F?<br/> <i>Round to the nearest whole percent.</i></p>   | <p>11-Mar</p> |

What was the approximate percentage of this vehicle's 2020 mileage for which this vehicle carried each of the following types of hazardous material(s)?

*Only report percentages for those hazardous materials carried in quantities large enough to have a hazmat placard on the vehicle.*

*Percentages can add to more than 100% if more than one hazardous material was carried at the same time. Round to the nearest whole percent.*

11-Mar

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| REVISED CATEGORY TEXT | Approved by BTS<br>(date) |
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| <input type="radio"/> Yes<br><input type="radio"/> No |  |
| <input type="radio"/> Yes<br><input type="radio"/> No |  |



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| <ul style="list-style-type: none"><li><input type="radio"/> Financing only</li><li><input type="radio"/> Full maintenance</li><li><input type="radio"/> Payment of taxes (such as state or federal highway use taxes)</li><li><input type="radio"/> Obtaining licenses and permits</li><li><input type="radio"/> Recordkeeping</li><li><input type="radio"/> Fuel contract</li><li><input type="radio"/> None of the above</li></ul> | 14-Aug |
| <ul style="list-style-type: none"><li><input type="radio"/> Yes</li><li><input type="radio"/> No</li></ul>   | 11-Mar |

- o Armored
- o Beverage or bay
- o Box Truck
- o Concrete mixer
- o Concrete pumper
- o Crane
- o Curtainside
- o Dump (including side, belly, or bottom dump)
- o Flatbed (including any with added devices), stake, platform, etc.
- o Low boy (platform with depressed center)
- o Pole, logging, pulpwood, or pipe
- o Service, utility, (telephone line, cable, pipeline, etc.)
- o Service, other (mobile workshop, "craftsman's vehicle", etc.)
- o Street sweeper
- o Tank, dry bulk
- o Tank, liquids or gases
- o Tow/Wrecker (including flatbed type)
- o Trash, garbage, or recycling
- o Vacuum
- o Van, basic enclosed (dry cargo)
- o Van, insulated non-refrigerated
- o Van, insulated refrigerated
- o Van, open top (including low-side grain, fruit, potato bed, etc.)
- o Van, step, walk-in, or multistep (including hi-cube or cutaway)
- o Van, other
- o Other not elsewhere classified: \_\_\_\_\_

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| <input type="radio"/> One<br><input type="radio"/> Two<br><input type="radio"/> Other - please specify: _____ | 28-Jan |
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|  | 2-Jun |
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| <p><input type="radio"/> Automatic<br/><input type="radio"/> Manual<br/><input type="radio"/> Both<br/><input type="radio"/> Other _____(specify)</p> | 28-Jan |
|   |        |

~~\*on hold until we hear back from BTS~~

- Air bags
- Anti-lock brake system
- Cruise control
- Driver-facing camera
- Global Positioning System (GPS) , without navigational aid
  
- Internet access
- Navigation system
- Rollover protection
- None of the above

2-Jun

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| <ul style="list-style-type: none"><li>o Adaptive Cruise Control</li><li>o Automated Driving System (ADS— full or partial)</li><li>o Automatic Emergency Steering</li><li>o Blind Spot Warning</li><li>o Forward Automatic Emergency Braking</li><li>o Forward Collision Warning</li><li>o Lane Departure Warning</li><li>o Lane Keeping Assistance</li><li>o Parking Assistance</li><li>o Parking Obstruction Warning</li><li>o Pedestrian Detection</li><li>o Rear Cross Traffic Warning</li><li>o Reverse Automatic Emergency Braking</li></ul> |       |
|   | 2-Jun |
|   | 2-Jun |

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| <ul style="list-style-type: none"> <li>o Aerodynamic bumper</li> <li>o Aerodynamic hood</li> <li>o Aerodynamic mirrors</li> <li>o Automatic engine shutoff technology</li> <li>o Automatic tire inflation system</li> <li>o Fuel tank covers</li> <li>o Gap reducers</li> <li>o Idle-reducing technologies (portable auxiliary pack, electrification, etc.)</li> <li>o Low rolling resistance tires</li> <li>o None of the above</li> </ul>  | 2-Jun |
| <ul style="list-style-type: none"> <li>o Aerial work platform/bucket</li> <li>o Air compressor (except for air brakes)</li> <li>o Air springs</li> <li>o Christmas tree (chip box)</li> <li>o Crane</li> <li>o Electronic vehicle identification</li> <li>o Engine retarder/brake</li> <li>o Hoist</li> <li>o Lift gate</li> <li>o Mounting bar for snowplow</li> <li>o Multi-hazmat</li> <li>o Power take-off</li> <li>o Toolbox</li> <li>o Winch</li> <li>o None of above</li> </ul> | 2-Jun |
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\_\_\_\_\_ pounds

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| <ul style="list-style-type: none"><li>• Private residence</li><li>• Corporate office/headquarters</li><li>• Terminal</li><li>• Distribution center</li><li>• Manufacturing plant</li><li>• Farm/Agricultural Production</li><li>• Mining or other Energy Production Site</li><li>• Truck leasing company</li><li>• Other (please specify) _____</li><li>• No home base</li></ul> | 28-Jan |

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| Pickups, small vans (including minivans), and sport utility vehicles: _____<br>Semi-trucks (tractor/trailer trucks): _____<br>Any other trucks or vans: _____<br>Trailers (including trailer mounted equipment): _____<br>Converter dollies: _____<br>• No other vehicles at this home base | 2-Jun |
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| <ul style="list-style-type: none"> <li><input type="checkbox"/> Odometer readings</li> <li><input type="checkbox"/> Gas or fuel receipts</li> <li><input type="checkbox"/> Trip meter</li> <li><input type="checkbox"/> GPS</li> <li><input type="checkbox"/> Other: _____</li> </ul> | 2-Jun  |
|   |        |
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Odometer readings</li> <li><input type="checkbox"/> Gas or fuel receipts</li> <li><input type="checkbox"/> Trip meter</li> <li><input type="checkbox"/> GPS</li> <li><input type="checkbox"/> Other: _____</li> </ul> | 2-Jun  |
| <p>Operated within the home base state: _____%</p> <p>Operated in states other than the home base state (or has no home base): _____%</p> <p>Operated in Canada: _____%</p> <p>Operated in Mexico: _____%</p>   | 28-Jan |

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| <ul style="list-style-type: none"> <li>o 50 miles or less from its home base _____%</li> <li>o 51 to 100 miles from its home base _____%</li> <li>o 101 to 200 miles from its home base _____%</li> <li>o 201 to 500 miles from its home base _____%</li> <li>o More than 500 miles from its home base _____%</li> </ul> | 2-Jun |
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|  | 11-Mar |
|  | 11-Mar |
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| <ul style="list-style-type: none"><li><input type="checkbox"/> General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)</li><li><input type="checkbox"/> Dealership service department</li><li><input type="checkbox"/> Leasing company</li><li><input type="checkbox"/> Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility</li><li><input type="checkbox"/> Company-owned maintenance facility</li><li><input type="checkbox"/> None performed</li><li><input type="checkbox"/> Other - please specify: _____</li></ul> | 28-Jan |
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| <ul style="list-style-type: none"> <li><input type="checkbox"/> General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)</li> <li><input type="checkbox"/> Dealership service department</li> <li><input type="checkbox"/> Leasing company</li> <li><input type="checkbox"/> Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility</li> <li><input type="checkbox"/> Company-owned maintenance facility</li> <li><input type="checkbox"/> Other - please specify: _____</li> </ul> | 28-Jan |
|  |        |
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Yes (Continue with question 9 below)</li> <li><input type="checkbox"/> No (Go to section K - Vehicle Configuration)</li> <li><input type="checkbox"/> Don't know (Go to section K)</li> </ul>  | 11-Mar |
|  | 11-Mar |
|  |        |
| <ul style="list-style-type: none"> <li>No trailer pulled: _____%</li> <li>Single trailer pulled: _____%</li> <li>Double trailers pulled: _____%</li> <li>Triple trailers pulled: _____%</li> </ul>   | 2-Jun  |

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| <ul style="list-style-type: none"> <li>o Automobile carrier (stinger-steered)</li> <li>o Automobile carrier (conventional – rack above cab)</li> <li>o Automobile carrier (high mount – no rack above cab, excluding curtain, van, or flatbed)</li> <li>o Beverage or bay</li> <li>o Curtainside</li> <li>o Dump (including side, belly, or bottom dump)</li> <li>o Flatbed, platform, chassis etc.</li> <li>o Livestock (including livestock drop frame)</li> <li>o Low boy (platform with depressed center)</li> <li>o Mobile home toter</li> <li>o Open top (including vans, low-side grain, fruit, etc.)</li> <li>o Pole, logging, pulpwood, or pipe</li> <li>o Refrigerated trailer</li> <li>o Tank, dry bulk</li> <li>o Tank, liquids or gases</li> <li>o Trailer mounted equipment</li> <li>o Van, basic enclosed (dry cargo)</li> <li>o Van, drop frame (excluding livestock)</li> <li>o Van, insulated non-refrigerated</li> <li>o Van, insulated refrigerated</li> <li>o Other not elsewhere classified – please specify: _____</li> </ul> |  |

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| <ul style="list-style-type: none"> <li><input type="radio"/> Aluminum wheels</li> <li><input type="radio"/> Front fairing</li> <li><input type="radio"/> Lightweight landing gear</li> <li><input type="radio"/> Rear fairing</li> <li><input type="radio"/> Side skirts</li> <li><input type="radio"/> Undercarriage aerodynamic devices</li> <li><input type="radio"/> None of above</li> <li><input type="radio"/> Other _____ specify</li> </ul> | 2-Jun  |
|  | 28-Jan |
|  | 28-Jan |



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- o Accommodation or food services (for immediate consumption)
- o Agriculture, forestry, fishing, or hunting
- o Arts, entertainment, or recreation services
- o Construction (includes land subdivision and development, as well as construction activity by special trade contractors)
- o For-hire transportation (of goods or people)
- o Fuel wholesale or distribution
- o HVAC, plumbing, electrician
- o Information services (includes telephone and television)
- o Manufacturing
- o Mining (includes quarrying, well operations, and beneficiating)
- o Retail Trade
- o Utilities (includes electric power, natural gas, steam supply, water supply, and sewage removal)
- o Vehicle leasing or rental (includes short-term rentals)
- o Warehousing
- o Waste management, landscaping, or administrative/support services
- o Wholesale trade
- o Other services, including advertising, real estate, nonvehicle leasing or rental, educational, health care, social assistance, finance, insurance, professional, scientific, or technical services
- o Other - please specify: \_\_\_\_\_

2-Jun





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| <p>Private business use (carry own goods, or use vehicle for internal company business): _____%</p> <p>Motor carrier (company owned vehicles hired to carry people or goods): _____%</p> <p>Owner operator (independent drivers hired to carry people or goods): _____%</p> <p>Rental (daily and other short term): _____%</p> <p>Personal transportation (non-commercial use): _____%</p> | <p>not approved</p> |
| <p>Contract (offered transportation services to certain shippers under specific contracts): _____%</p> <p>Common (offered transportation services to the general public over regular and irregular routes): _____%</p> <p><b>Note:</b> Percentages should sum up to 100%</p>   | <p>11-Mar</p>       |

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| <p>Single shipment carried at one time (Truckload): _____%</p> <p>Multiple shipments carried at one time (Less-than-truckload): _____%</p>  | <p>2-Jun</p>  |
| <p><input type="checkbox"/> Shippers or receivers directly</p> <p><input type="checkbox"/> Brokers</p> <p><input type="checkbox"/> Centralized markets or exchanges</p> <p><input type="checkbox"/> Other — please specify: _____</p> <p><b>Note: Percentages should sum up to 100%</b></p> | <p>11-Mar</p> |
|   | <p>11-Mar</p> |
| <p>_____ Loads and/or runs per week</p>   |               |

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|  | 2-Jun |

2-Jun

2-Jun

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| <p>Vehicle was filled to physical capacity (cubed out): _____%</p> <p>Vehicle was filled to weight limit (weighed out): _____%</p> <p>Vehicle was empty: _____%</p>   | <p>2-Jun</p>  |
|   |               |
|   |               |
| <ul style="list-style-type: none"> <li><input type="radio"/> Low height on a bridge or a tunnel</li> <li><input type="radio"/> Weight restriction on a bridge</li> <li><input type="radio"/> None of the above</li> </ul> | <p>14-Aug</p> |

\*\*\* please see the sample table of product and percentage of loaded miles in the file "9502 Rd 2 Findings and Recommendations Handout" page 53. \*\*\*

11-Mar

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\*\*\* please see the sample table of division/class and percentage of mileage in the file "9502 Rd 2 Findings and Recommendations Handout" page 55. \*\*\*

**BTS needs to fill these columns out - we provided a starting point**

**FINAL QUESTION AND RESPONSE TEXT**

As of 6/2/2020

Is the vehicle identified above still in your possession OR your company's possession?

- Yes (Go to section C - Acquisition)
- No (Go to section B - Disposal)

Did you dispose of this vehicle prior to January 1, 2020?

- Yes (Go to section Q- Contact Information)
- No (Continue with question 2 below)

When did you dispose of this vehicle?

Enter 2-digit month and 4-digit year.

Month \_\_\_\_ / Year \_\_\_\_

How did you dispose of this vehicle?

NOTE: If you disposed of this vehicle after January 1, 2020, answer all of the remaining applicable questions according to how you used the vehicle during 2020.

If you disposed of this vehicle prior to January 1, 2020 skip to section R - Contact Information.

Mark ONE box only.

- Sold or gave it away
- Traded it in
- Junked, scrapped, or otherwise destroyed it
- Returned it to leasing company
- Repossessed



When did you originally take physical possession of this vehicle?

Enter 2-digit month and 4-digit year.

Month \_\_\_\_ / Year \_\_\_\_

Was this vehicle new when you took physical possession of it?

- Yes
- No

Do you plan to replace this vehicle with a vehicle of a different weight class or axle load within the next 5 years?

- Yes
- No

NOTE: This section pertains to ownership leasing. Rental agreements are NOT covered.

Did you lease this vehicle FROM another person or company during 2020?

- Yes (Go to question 3 below)
- No

Did you lease this vehicle TO another person or company during 2020?

- Yes
- No (Go to section E - TYPE OF VEHICLE)

How did you lease this vehicle?

- Mark ONE box only.
- Vehicle only
  - Vehicle with driver

Was the leasing agreement for 12 months or more?

- Yes
- No

Which of the following did the leasing agreement include?

- Mark ALL that apply.
- Financing only
  - Full maintenance
  - Payment of taxes (such as state or federal highway use taxes)
  - Obtaining licenses and permits
  - Recordkeeping
  - Fuel contract
  - None of the above

Is this vehicle a semi-truck (tractor/trailer truck)?

- Yes (Go to section F - Physical Characteristics)
- No (Continue with question 2 below)

Which body type most closely resembled this vehicle?

Mark ONE box only.

- Armored
- Beverage or bay
- Box Truck
- Concrete mixer
- Concrete pumper
- Crane
- Curtainside
- Dump (including side, belly, or bottom dump)
- Flatbed (including any with added devices), stake, platform, etc.
- Low boy (platform with depressed center)
- Pole, logging, pulpwood, or pipe
- Service, utility, (telephone line, cable, pipeline, etc.)
- Service, other (mobile workshop, "craftsman's vehicle", etc.)
- Street sweeper
- Tank, dry bulk
- Tank, liquids or gases
- Tow/Wrecker (including flatbed type)
- Trash, garbage, or recycling
- Vacuum
- Van, basic enclosed (dry cargo)
- Van, insulated non-refrigerated
- Van, insulated refrigerated
- Van, open top (including low-side grain, fruit, potato bed, etc.)
- Van, step, walk-in, or multistep (including hi-cube or cutaway)
- Van, other
- Other not elsewhere classified: \_\_\_\_\_

What was the total number of axles, including liftable (tag) axles, on this vehicle, excluding axles on trailer(s)?  
Mark ONE box only.

- Two
- Three
- Four
- Five or more

How many tires were on the rear axle?  
Mark ONE box only.

- Two
- Four

How many of this vehicle's axles were powered?  
Mark ONE box only.

- One
- Two
- Other - please specify: \_\_\_\_\_

From question 1 above, how many axles were liftable axles?  
Mark ONE box only.

- None (Go to question 7)
- One axle
- Two axles
- Three or more axles

From question 4 above, how many of the liftable axles were located in the following locations?  
Total number of axles indicated for this question should equal the total number of axles indicated in question 4 above.  
Axles forward of the drive axle: \_\_\_\_\_  
Axles behind the drive axle - below the chassis: \_\_\_\_\_  
Axles behind the drive axle - extending beyond the chassis: \_\_\_\_\_

From question 4 above, how many liftable axles were braking axles?  
Mark ONE box only.  
 None  
 One axle  
 Two axles  
 Three or more axles

What type of brakes did this vehicle have?  
Mark ONE box only.  
 Hydraulic (standard)  
 Hydraulic with power assist  
 Air  
 Other - please specify: \_\_\_\_\_

What type of cab did this vehicle have?  
Mark ONE box only.  
 Day cab (Go to question 9)  
 Sleeper cab (Go to question 10)

Which of the following best describes the cab of this vehicle?  
Mark ONE box only.  
 Conventional cab  
 Cab over engine  
 Cab forward of engine  
 Cab beside engine

Did the cab of this vehicle contain a sleeper?  
Mark ONE box only.  
 Yes  
 No

What was the height of this vehicle's cabin (measured from the ground to the top of the roof)? Include any equipment that extends above the roof of the cabin such as an antenna, a fairing, or a smoke stack.

Feet: \_\_\_\_\_ Inches: \_\_\_\_\_

What type of transmission did this vehicle have?

Mark ONE box only.

Automatic

Manual

Both

Other \_\_\_\_\_ (specify)

How many gears did this vehicle have?

Number of gears: \_\_\_\_\_

Did this vehicle have any of the following equipment?

Mark ALL that apply.

~~\*on hold until we hear back from BTS~~

In 2020, did this vehicle have any of the following standard features?

Mark ALL that apply.

- Air bags
- Anti-lock brake system
- Cruise control
- Driver-facing camera
- Global Positioning System (GPS) , without navigational aid
- Internet access
- Navigation system
- Rollover protection
- None of the above

In 2020, did this vehicle have any of the following driver assistance features?

Mark ALL that apply.

- Adaptive Cruise Control
- Automated Driving System (ADS—full or partial)
- Automatic Emergency Steering
- Blind Spot Warning
- Forward Automatic Emergency Braking
- Forward Collision Warning
- Lane Departure Warning
- Lane Keeping Assistance
- Parking Assistance
- Parking Obstruction Warning
- Pedestrian Detection
- Rear Cross Traffic Warning
- Reverse Automatic Emergency Braking

In 2020, did this vehicle have any of the following driving control assistance features?

Mark ALL that apply.

- Adaptive Cruise Control
- Active Driving Assistance
- Lane Keeping Assistance
- None of the above

In 2020, did this vehicle have any of the following collision warning features?

Mark ALL that apply.

- Blind Spot Warning
- Forward Collision Warning
- Lane Departure Warning
- Parking Obstruction Warning
- Rear Cross Traffic Warning
- None of the above



In 2020, did this vehicle have any of the following collision intervention features?  
Mark ALL that apply.

- Automatic Emergency Braking
- Automatic Emergency Steering
- Rear Automatic Emergency Braking
- None of the above

In 2020, did this vehicle have any of the following parking assistance features?  
Mark ALL that apply.

- Active parking Assistance
- Remote Parking
- None of the above

In 2020, did this vehicle have any of the following other driver assistance systems features?

- Mark ALL that apply.
- Automated High Beams
  - Backup Camera
  - Driver Monitoring
  - Head-Up Display
  - Night Vision
  - Surround-View Camera
  - None of the above

In 2020, did this vehicle have any of the following fuel economy features?

Mark ALL that apply.

- Aerodynamic bumper
- Aerodynamic hood
- Aerodynamic mirrors
- Automatic engine shutoff technology
- Automatic tire inflation system
- Fuel tank covers
- Gap reducers
- Idle-reducing technologies (portable auxiliary pack, electrification, etc.)
- Low rolling resistance tires
- None of the above

In 2020, did this vehicle have any of the following other features?

Mark ALL that apply.

- Aerial work platform/bucket
- Air compressor (except for air brakes)
- Air springs
- Christmas tree (chip box)
- Crane
- Electronic vehicle identification
- Engine retarder/brake
- Hoist
- Lift gate
- Mounting bar for snowplow
- Multi-hazmat
- Power take-off
- Toolbox
- Winch
- None of above

In 2020, did this vehicle have any of the following other features and equipment?

Mark all that apply.

- Air conditioning
- Air springs
- Cruise control
- Internet access

What was this vehicle's towing capacity in pounds?  
\_\_\_\_\_ pounds

In 2020, how many months was this vehicle used?  
Round to the nearest whole month.  
Mark ONE box only.  
 12 months (Go to section H -Home base)  
 7-11 months  
 2-6 months  
 1 month or less  
 Vehicle not used (no miles driven)

In 2020, what reasons (if any) was this vehicle NOT in use for periods of 90 consecutive days or more?

Mark ALL that apply.

After answering this question and you reported question 1 above "Vehicle not used(no miles driven)", go to section Q - Contact Information

Not applicable

Seasonal

Not needed/idle (excluding seasonal)

Under repair

Other – please specify: \_\_\_\_\_

~~\*\* remove question and combine with H1~~

~~Yes (Continue with question 2 below)~~

~~No (Go to section I – MILES on page 14)~~

What was the primary function of the home base from which this vehicle operated?

Home base refers to the location where the vehicle was usually parked when it was not on the road. Mark ONE box only.

Private residence

Corporate office/headquarters

Terminal

Distribution center

Manufacturing plant

Farm/Agricultural Production

Mining or other Energy Production Site

Truck leasing company

Other (please specify) \_\_\_\_\_

No home base (Go to section I - Miles)

Where was the home base of this vehicle on July 1, 2020?

If this vehicle was put into service after July 1, 2020, enter current home base.

City: \_\_\_\_\_

County/Parish/Borough (or equivalent): \_\_\_\_\_

State: \_\_\_\_\_

ZIP Code: \_\_\_\_\_

In addition to this vehicle, how many other vehicles/trailers were operated from the home base location?

Pickups, small vans (including minivans), and sport utility vehicles: \_\_\_\_\_

Semi-trucks (tractor/trailer trucks): \_\_\_\_\_

Any other trucks or vans: \_\_\_\_\_

Trailers (including trailer mounted equipment): \_\_\_\_\_

Converter dollies: \_\_\_\_\_

- No other vehicles at this home base

How many total miles was this vehicle driven in 2020?

Round to the nearest whole mile.

Miles: \_\_\_\_\_

How was the annual mileage calculated?

Mark ALL that apply.

Odometer readings

Gas or fuel receipts

Trip meter

GPS

Other: \_\_\_\_\_

How many miles-per-gallon (mpg) did this vehicle average during 2020?

If compressed natural gas (CNG) is used, give miles per gasoline gallon equivalent (GGE). 1 GGE = 123 cubic feet CNG. Report to the nearest tenth.

MPG: \_\_\_\_\_

How was miles-per-gallon (mpg) calculated?

Mark ALL that apply.

Odometer readings

Gas or fuel receipts

Trip meter

GPS

Other: \_\_\_\_\_

What was the approximate percent of this vehicle's 2020 mileage for each of the following jurisdictions?

Round to the nearest whole percent. Total should sum to 100%

Operated within the home base state: \_\_\_\_\_%

Operated in states other than the home base state (or has no home base): \_\_\_\_\_%

Operated in Canada: \_\_\_\_\_%

Operated in Mexico: \_\_\_\_\_%

What was the approximate percent of this vehicle's 2020 mileage driven within the following ranges of operation?

If this vehicle does not operate from a home base, report its average range of operation. Round to the nearest whole percent. Total should sum to 100%.

- 50 miles or less from its home base \_\_\_\_\_%
- 51 to 100 miles from its home base \_\_\_\_\_%
- 101 to 200 miles from its home base \_\_\_\_\_%
- 201 to 500 miles from its home base \_\_\_\_\_%
- More than 500 miles from its home base \_\_\_\_\_%

What was the approximate percent of this vehicle's 2020 mileage driven off road (not on an established public or private roads)?

Round to the nearest whole percent.

Percent of miles off road \_\_\_\_\_%

How many miles has this vehicle been driven since it was manufactured?

If the odometer has turned over, please enter the figure for the total amount. If the vehicle is no longer in your possession, enter the figure when you last operated the vehicle. Round to the nearest whole mile.

Miles: \_\_\_\_\_

On average, in 2020, how many hours per week did this vehicle spend:  
Round to the nearest hour.

Operating: \_\_\_\_\_ hours per week

Idling: \_\_\_\_\_ hours per week

Using auxiliary power: \_\_\_\_\_ hours per week

In 2020, what was the approximate percent of this vehicle's operating time spent idling (stationary)?

\_\_\_\_\_%

In 2020, what was the approximate percent of this vehicle's operating time spent using auxiliary power unit?

\_\_\_\_\_%

In 2020, what type of fuel or fuel combination was most often used in this vehicle? If a fuel combination was used, select ALL that make up the combination. Otherwise, Mark ONE box only.

Gasoline (including gasohol)

Diesel (including biodiesel)

Natural gas (compressed or liquid)

Propane (liquefied petroleum gas)

Alcohol fuels (ethanol or methanol)

Electricity

Other - please specify: \_\_\_\_\_



In 2020, at what type of location was this vehicle typically refueled?

Mark ONE box only.

- Gas station
- Truck stop
- Your own facility (including home, farm, ranch, on-site by mobile supplier, etc.)
- Other company's/contractor's facility not open to the public
- Other – please specify: \_\_\_\_\_

In 2020, who performed any GENERAL maintenance (oil change, brake change, headlight replacement, etc.) on this vehicle?

Mark ALL that apply.

- General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)
- Dealership service department
- Leasing company
- Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility
- Company-owned maintenance facility
- None performed (Skip question 4, proceed to question 5)
- Other – please specify: \_\_\_\_\_

What was the total cost of all GENERAL maintenance in 2020?

Round to the nearest whole dollar.

\$ \_\_\_\_\_

In 2020, were any EXTENSIVE repairs over \$500 performed on this vehicle?

- Yes (Continue with question 6 below)
- No (Skip questions 6 and 7, proceed to question 8)

Who performed these EXTENSIVE repairs?

Mark ALL that apply.

- General repair business or private mechanic (includes gas stations, truck stops, parts stores, etc.)
- Dealership service department
- Leasing company
- Yourself, spouse, friend, etc. while not employed/paid by any maintenance type facility
- Company-owned maintenance facility
- Other - please specify: \_\_\_\_\_

What was the total cost of all EXTENSIVE repairs in 2020?

Round to the nearest whole dollar.

\$ \_\_\_\_\_

Has this vehicle's engine EVER been rebuilt or overhauled?

Mark ONE box only.

- Yes (Continue with question 9 below)
- No (Go to section K - Vehicle Configuration)
- Don't know (Go to section K - Vehicle Configuration)

In what year was this vehicle's engine LAST rebuilt or overhauled?

Year (4 digit): \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

In 2020, did you ever pull a trailer with this vehicle?

- Yes
- No (Skip to K-17)

In 2020, what percent of the miles driven by this vehicle were in each of the following configurations?

Trailer mounted equipment should be treated as a trailer. Total should sum to 100%

If the highest percentage reported question 2 was:

- No trailer pulled, skip question K17
- Single trailer pulled, continue to next question.
- Double trailer pulled, skip to question K6
- Triple trailer pulled, skip to question K10

In 2020, was this vehicle used to pull a trailer?  
Trailer mounted equipment should be treated as a trailer.

- Yes
- No (If no, go to Question 18)

In 2020, did this vehicle pull a trailer for at least half of all miles driven?  
Trailer mounted equipment should be treated as a trailer.

- Yes, this vehicle pulled a trailer for 50% or more of all miles driven.
- No, this vehicle pulled a trailer for less than 50% of all miles driven. (If no, go to question 18)

In 2020, which of the following did this vehicle pull most often?  
Trailer mounted equipment should be treated as a trailer.  
Mark ONE box only.

- Single trailer (Go to Question 4)
- Double trailer (Go to Question 7)
- Triple trailer (Go to Question 11)

How many axles were on this single trailer configuration?  
Mark ONE box only.

- One
- Two
- Three or more

What was the length, in feet, of this trailer?  
Round to the nearest whole number.  
\_\_\_\_\_ feet

What was the exterior width of this trailer?  
Mark ONE box only.  
After answer this question, Skip to question K16.  
 96 inches  
 102 inches  
 Other - please specify: \_\_\_\_\_

How many axles were on this double trailer configuration, including any converter dollies?

Do NOT include any axles on the power unit.

Mark ONE box only.

- Three
- Four
- Five
- Six or more

What was the length, in feet, of each trailer?

Round to the nearest whole number.

First trailer: \_\_\_\_\_ feet

Second trailer: \_\_\_\_\_ feet

What was the exterior width of the first trailer?

Mark ONE box only.

- 96 inches
- 102 inches
- Other – please specify: \_\_\_\_\_

What was the exterior width of the second trailer?

Mark ONE box only.

After answer this question, Skip to question K16.

- 96 inches
- 102 inches
- Other – please specify: \_\_\_\_\_

How many axles were on this triple trailer configuration, including any converter dollies?

Do NOT include any axles on the power unit.

Mark ONE box only.

- Five
- Six
- Seven
- Eight or more

What was the length, in feet, of each trailer?

Round to the nearest whole number.

First trailer: \_\_\_\_\_ feet

Second trailer: \_\_\_\_\_ feet

Third trailer: \_\_\_\_\_ feet

What was the exterior width of the first trailer?

Mark ONE box only.

- 96 inches
- 102 inches
- Other - please specify: \_\_\_\_\_

What was the exterior width of the second trailer?

Mark ONE box only.

- 96 inches
- 102 inches
- Other - please specify: \_\_\_\_\_

What was the exterior width of the third trailer?

Mark ONE box only.

- 96 inches
- 102 inches
- Other - please specify: \_\_\_\_\_

Which type of trailer resembled that most often attached to this vehicle?

Mark ONE box only.

- Automobile carrier (stinger-steered)
- Automobile carrier (conventional - rack above cab)
- Automobile carrier (high mount - no rack above cab, excluding curtain, van, or flatbed)
- Beverage or bay
- Curtainside
- Dump (including side, belly, or bottom dump)
- Flatbed, platform, chassis etc.
- Livestock (including livestock drop frame)
- Low boy (platform with depressed center)
- Mobile home toter
- Open top (including vans, low-side grain, fruit, etc.)
- Pole, logging, pulpwood, or pipe
- Refrigerated trailer
- Tank, dry bulk
- Tank, liquids or gases
- Trailer mounted equipment
- Van, basic enclosed (dry cargo)
- Van, drop frame (excluding livestock)
- Van, insulated non-refrigerated
- Van, insulated refrigerated
- Other not elsewhere classified - please specify: \_\_\_\_\_

Did the trailer have any of the following add-on equipment?

Select ALL that apply.

- Aluminum wheels
- Front fairing
- Lightweight landing gear
- Rear fairing
- Side skirts
- Undercarriage aerodynamic devices
- None of above
- Other \_\_\_\_\_ specify

Paper instrument:

Referring to the most common configuration indicated in question 1 (no trailer or trailer pulled), what was the total length of this vehicle or vehicle/trailer combination?

Report distance, in feet, from front bumper to rear of vehicle or trailer(s).

Mark ONE box only.

Electronic instrument:

if the R did not answer question 1:

Referring to the most common configuration indicated in question 1 (no trailer or trailer pulled), what was the total length of this vehicle or vehicle/trailer combination?

Report distance, in feet, from front bumper to rear of vehicle or trailer(s).

Mark ONE box only.

if the R has indicated pulling a trailer:

What was the total length of this [insert year, make, model] plus the [single/double/triple] trailer combination?

if the R has indicated that they do not pull a trailer:

What was the total length of this [insert year, make, model]?

- Less than 16.0 feet
- 16.0 to 19.9 feet
- 20.0 to 27.9 feet
- 28.0 to 35.9 feet
- 36.0 to 40.9 feet
- 41.0 to 44.9 feet
- 45.0 to 49.9 feet
- 50.0 to 54.9 feet
- 55.0 to 59.9 feet
- 60.0 to 64.9 feet
- 65.0 to 69.9 feet
- 70.0 to 74.9 feet
- 75.0 to 79.9 feet
- More than 80.0 feet

Referring to the most common configuration Question K-1 (no trailer, single trailer, double trailers, or triple trailers pulled), what was the empty weight of this vehicle or vehicle/trailer combination?

Round to the nearest whole pound.

\_\_\_\_\_pounds

What was the average weight (vehicle weight plus cargo weight) of this vehicle or vehicle/trailer combination as it was most often operated when carrying a typical payload during 2020?

Round to the nearest whole pound.

\_\_\_\_\_ pounds

What was the average payload, in pounds, transported by this vehicle or vehicle/trailer combination during 2020? Do not include passenger weight.

Round to the nearest whole pound.

\_\_\_\_\_ pounds

In 2020, how many miles did this vehicle operate using an overweight permit?  
if you reported 0 mile, skip to section M (Kind of Business).

In 2020, how many annual overweight permits did you purchase for this vehicle?

\_\_\_\_\_ permits

Of these annual permits, how many authorized overweight travel in multiple states?

\_\_\_\_\_ permits

In 2020, how many trips were taken with this vehicle that required the purchase of single trip overweight permits?

\_\_\_\_\_ trips

Of these trips, how many required the purchase of single trip overweight permits for more than one state?

\_\_\_\_\_ trips

In 2020, how many single trip overweight permits did you purchase for this vehicle?

\_\_\_\_\_ single trip permits

(If zero, skip to L 7)

How many of these single trip overweight permits authorized travel in multiple states?  
\_\_\_\_\_ single trip permits

In 2020, how many miles did this vehicle operate using single trip overweight permit?  
\_\_\_\_\_ miles

In 2020, how many annual overweight permits did you purchase for this vehicle?  
\_\_\_\_\_ annual permits  
(If zero, skip to L 10)

How many of these annual overweight permits authorized travel in multiple states?  
\_\_\_\_\_ annual permits

In 2020, how many miles did this vehicle operate using annual overweight permit?  
\_\_\_\_\_ miles

What were the average hours per week that the trailer(s) was pulled with a permit to operate over weight?

Round to nearest whole hour.  
\_\_\_\_\_ hours per week

In 2020, was this vehicle used, at least partially, for any commercial or business-related activities?

- Yes, this vehicle was used at least part time for commercial activities (Continue with question 2 below)
- No, this vehicle was strictly used for personal transportation (Skip to section Q - Contact information)



Which of the following best described the business activity in which this vehicle was most often used during 2020? If vehicle was leased, indicate business of lessee.

Mark ONE box only.

- Accommodation or food services (for immediate consumption)
- Agriculture, forestry, fishing, or hunting
- Arts, entertainment, or recreation services
- Construction (includes land subdivision and development, as well as construction activity by special trade contractors)
- For-hire transportation (of goods or people)
- Fuel wholesale or distribution
- HVAC, plumbing, electrician
- Information services (includes telephone and television)
- Manufacturing
- Mining (includes quarrying, well operations, and beneficiating)
- Retail Trade
- Utilities (includes electric power, natural gas, steam supply, water supply, and sewage removal)
- Vehicle leasing or rental (includes short-term rentals)
- Warehousing
- Waste management, landscaping, or administrative/support services
- Wholesale trade
- Other services, including advertising, real estate, nonvehicle leasing or rental, educational, health care, social assistance, finance, insurance, professional, scientific, or technical services
- Other - please specify: \_\_\_\_\_

In 2020, was this vehicle used for any of the following commercial activities?  
Mark ALL that apply.

- Transporting goods belonging to you or your company
- Transporting goods belonging to another person or company
- Transporting tools related to your business
- Transporting paying passengers
- Used as a daily or short term rental
- Other: \_\_\_\_\_

What was the approximate percent of this vehicle's 2020 mileage for each of the following activities?

If you report your highest percent of miles, skip to the following:

- o Transporting goods belonging to you or your company
- o Transporting goods belonging to another person or company
- o Transporting tools related to your business (Skip to section Q - Contact Information)
- o Transporting paying passengers (Skip to section Q - Contact Information)
- o Used as a daily or short term rental (Skip to section Q - Contact Information)
- o Personal transportation (non-commercial use) (Skip to section Q - Contact Information)
- o Other (Skip to section Q - Contact Information)

Approximately, what percent of this vehicle's 2020 mileage was from each of the following operator classifications?

Round to the nearest whole percent.

NOTE: If your highest percentage occurs for:

- Motor Carrier or Owner Operator, continue to section N—FOR HIRE
- Private or Rental, skip to section O—EMPTY
- Personal transportation, go to section R—CONTACT INFORMATION

NOTE: If your highest percentage occurs for:

- Motor Carrier or Owner Operator, continue to section N—FOR HIRE
- Private business use, skip to (section O—Products, Equipment, or Material)
- Personal transportation or Rental, go to section R—CONTACT INFORMATION

What was the approximate percent of this vehicle or vehicle/trailer combination's 2020 mileage for each of the following kinds of carrier?

Round to the nearest whole percent.

Contract (offered transportation services to certain shippers under specific contracts):

\_\_\_\_\_%

Common (offered transportation services to the general public over regular and irregular routes): \_\_\_\_\_%

Note: Percentages should sum up to 100%

What was the approximate percent of this vehicle or vehicle/trailer combination's 2020 mileage for each of the following kinds of service?

Round to the nearest whole percent. Total should sum to 100%

Single shipment carried at one time (Truckload): \_\_\_\_\_%

Multiple shipments carried at one time (Less-than-truckload): \_\_\_\_\_%

In 2020, what percent of this vehicle or vehicle/trailer combination's hauls (including backhauls) were found from the following sources?

Round to the nearest whole percent.

Shippers or receivers directly

Brokers

Centralized markets or exchanges

Other — please specify: \_\_\_\_\_

Note: Percentages should sum up to 100%

From ANY of the sources listed in question 3 above, what percent were found through the use of the Internet?

Round to the nearest whole percent.

Sources found through the use of the internet: \_\_\_\_\_%

In 2020, how many loads and/or runs did this vehicle or vehicle/trailer combination average in a week?

Round to the nearest number, including zero.

\_\_\_\_\_ Loads and/or runs per week

What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?

NOTE: If you reported 100% for empty mileage, skip to section R — CONTACT INFORMATION

NOTE: If you reported 100% for empty mileage, skip to section R — CONTACT INFORMATION.

What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?

NOTE: If you reported 100% for empty mileage, skip to section R - CONTACT INFORMATION

Empty - NOT CARRYING any products, tools, equipment, or materials: \_\_\_\_\_%

Loaded - CARRYING products, tools, equipment, or materials: \_\_\_\_\_%

What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to physical capacity (cubed out)?  
Round to the nearest whole percent.

- Vehicle was filled to physical capacity (cubed out): \_\_\_\_\_%

What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to weight limit (weighed out)?  
Round to the nearest whole percent.

- Vehicle was filled to weight limit (weighed out): \_\_\_\_\_%

What was the approximate percent of this vehicle's 2020 mileage accounted for by the type of trips listed below?

Round to the nearest whole percent. Total should sum to 100%

If you reported 100 percent for empty mileage, skip to Contact Information.

What was the approximate percentage of this vehicle's 2020 mileage driven to reposition the empty vehicle to a new location for the next load?

\_\_\_\_\_ %

What was the approximate percentage of the vehicle's 2020 mileage driven empty or deadhead directly back to home base?

\_\_\_\_\_ %

In 2020, did you EVER take less efficient routes due to:

- Low height on a bridge or a tunnel
- Weight restriction on a bridge
- None of the above

In 2020, for the miles driven while carrying a load, what percentage of those "LOADED miles" were driven while carry the following products, tools, equipment, or materials?

Round to the nearest whole percent. Percentages can add to more than 100% if more than one type of tool or product was carried at the same time.

Categorize your products, tools, equipment, or materials carried into the groupings provided. Each applicable grouping code should be entered only once. Each item carried should be categorized into ONLY ONE GROUP. Include any backhauls, trip leasing, etc. Round to the nearest whole percent.

Example: If the vehicle carried landscaping tools and hauled debris away, your response might be similar to this:

Product Code (with example description) /Percent of Loaded Miles (with example scenarios)

22 (For items such as rakes, shovels, handsaws, etc.) / 100% (When carried for all of the loaded miles)

23 (For items such as leaf blowers, chainsaws, etc.) / 100% (When carried for all of the loaded miles)

18 (For tree limbs, wood chips, etc.) / 50% (When carried for half of the loaded miles)

44 (For grass clippings or other waste) / 25% (When carried for one quarter of the loaded)

\*\*\* please see the sample table of product and percentage of loaded miles in the file "9502 Rd 2 Findings and Recommendations Handout" page 53. \*\*\*

At any time during 2020, was this vehicle used to transport hazardous materials in quantities large enough to have a hazmat placard on the vehicle as required by 49 CFR Part 172 Subpart F?

Mark ONE box only.

Yes (Continue to question 2)

No (Skip to section Q - CONTACT INFORMATION)

What was the approximate percentage of this vehicle's 2020 mileage used to transport hazardous materials in quantities large enough to have a hazmat placard on the vehicle as required by 49 CFR Part 172 Subpart F?

Round to the nearest whole percent.

\_\_\_\_\_ %

What was the approximate percentage of this vehicle's 2020 mileage for which this vehicle carried each of the following types of hazardous material(s)?

Only report percentages for those hazardous materials carried in quantities large enough to have a hazmat placard on the vehicle. Percentages can add to more than 100% if more than one hazardous material was carried at the same time. Round to the nearest whole percent.

\*\*\* please see the sample table of division/class and percentage of mileage in the file "9502 Rd 2 Findings and Recommendations Handout" page 55. \*\*\*

Last Name: \_\_\_\_\_  
First Name: \_\_\_\_\_  
Middle Initial: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
Street Address 2: \_\_\_\_\_  
City (or city equivalent): \_\_\_\_\_  
State: \_\_\_\_\_  
Zip Code: \_\_\_\_\_  
Area Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
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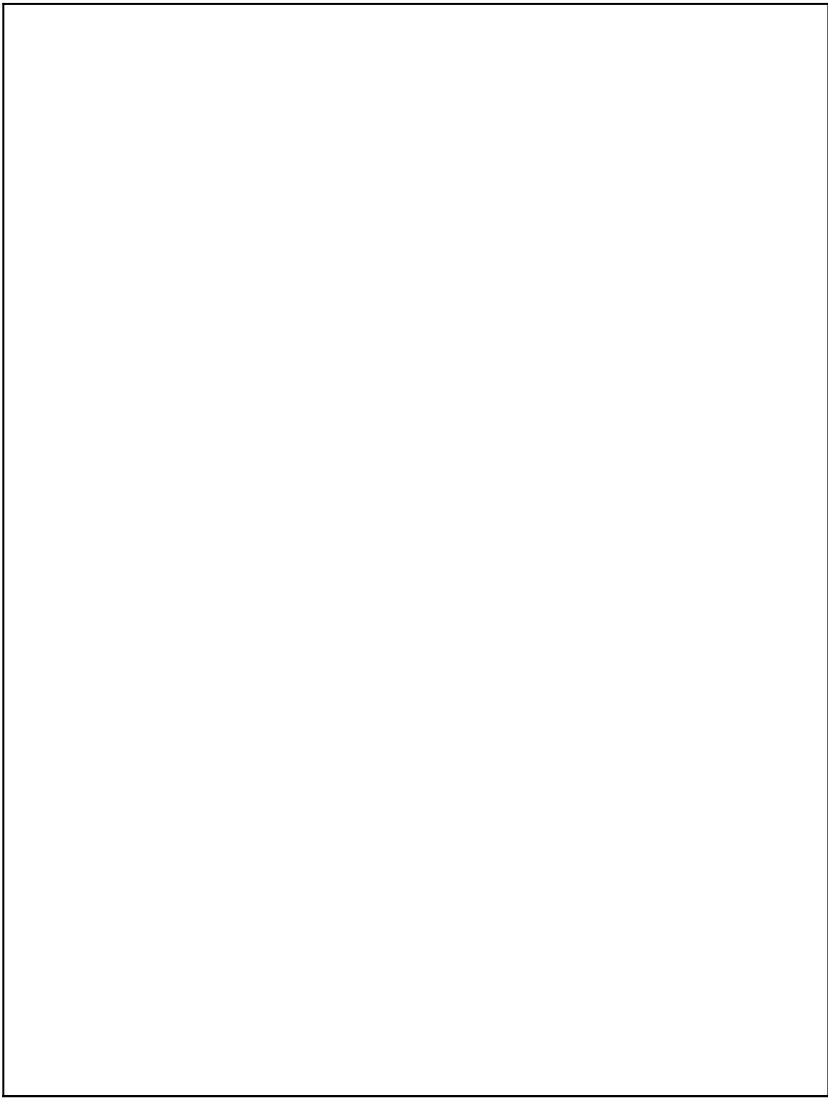


**FINAL HELP TEXT**

Help text is in red.

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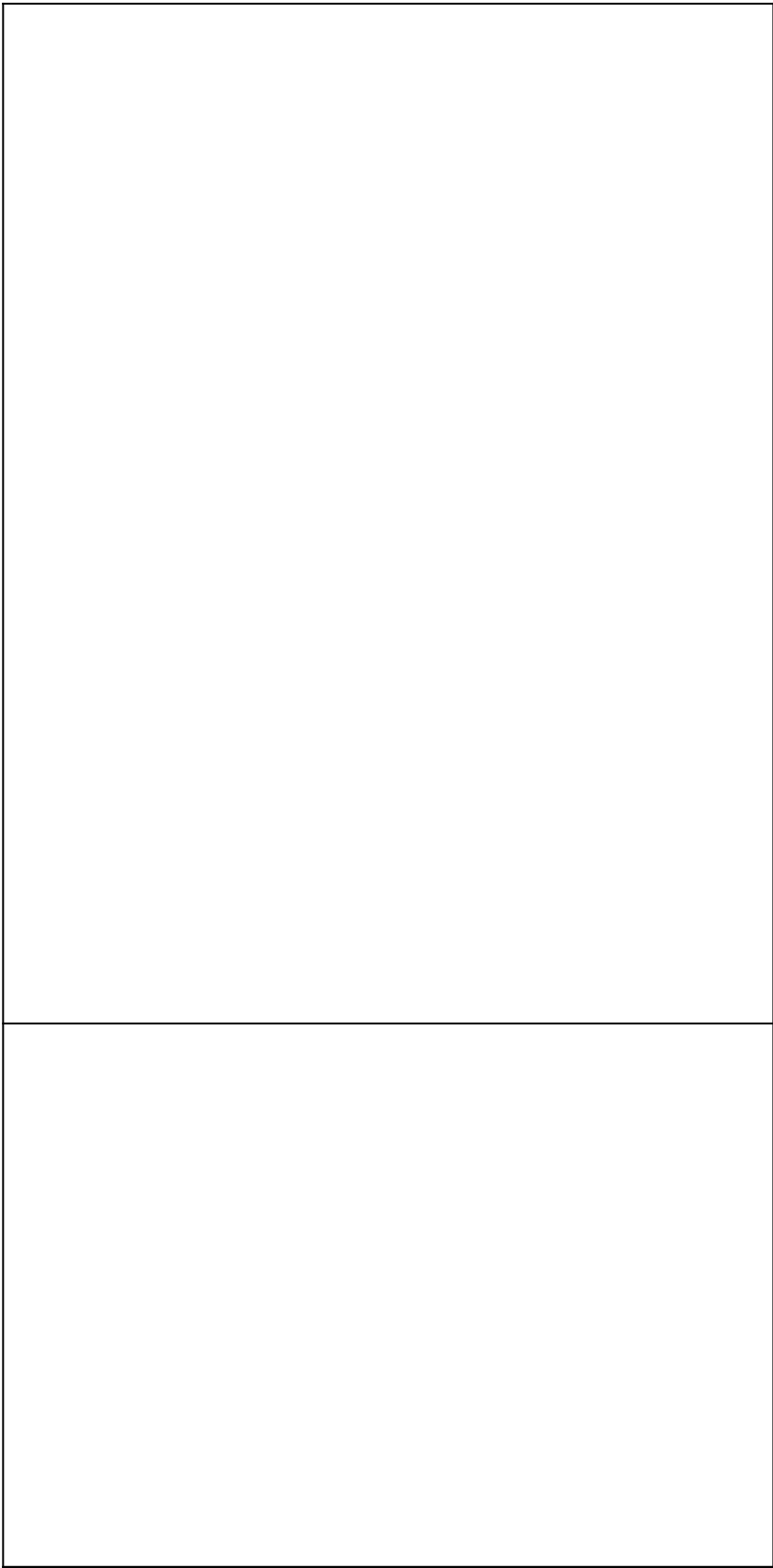
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Axles are long steel rods that run parallel with the front and rear bumpers and have wheels attached to them.



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- o Adaptive Cruise Control (Assists with acceleration and/or braking to maintain a prescribed distance between it and a vehicle in front. Some systems can come to a stop and continue.)
- o Active Driving Assistance (Assists with vehicle acceleration, braking and steering. Some systems are limited to specific driving conditions. Driver is responsible for primary task of driving.)
- o Lane Keeping Assistance (Assists with steering to maintain vehicle within driving lane.)
- o None of the above

- o Blind Spot Warning (Detects vehicles to rear in adjacent lanes while driving and alerts the driver to their presence.)
- o Forward Collision Warning (Detects impending collision while traveling forward and alerts driver. Some systems include pedestrian or other object detection.)
- o Lane Departure Warning (Monitors vehicle's position within driving lane and alerts driver as the vehicle approaches or crosses lane markers.)
- o Parking Obstruction Warning (Detects obstructions near vehicle during parking maneuvers.)
- o Rear Cross Traffic Warning (Detects vehicles approaching from the side and rear of vehicle while traveling in reverse and alerts driver.)
- o None of the above

- o Automatic Emergency Braking (Detects potential collision while traveling in reverse and automatically applies the brakes to avoid or lessen the severity of impact. Some systems include pedestrian or other object detection.)
- o Automatic Emergency Steering (Detects potential collision and automatically controls steering to avoid or lessen the severity of impact. Some systems include pedestrian or other object detection.)
- o Rear Automatic Emergency Braking (Detects potential collision while traveling in reverse and automatically applies the brakes to avoid or lessen the severity of impact. Some systems include pedestrian or other object detection.)
- o None of the above

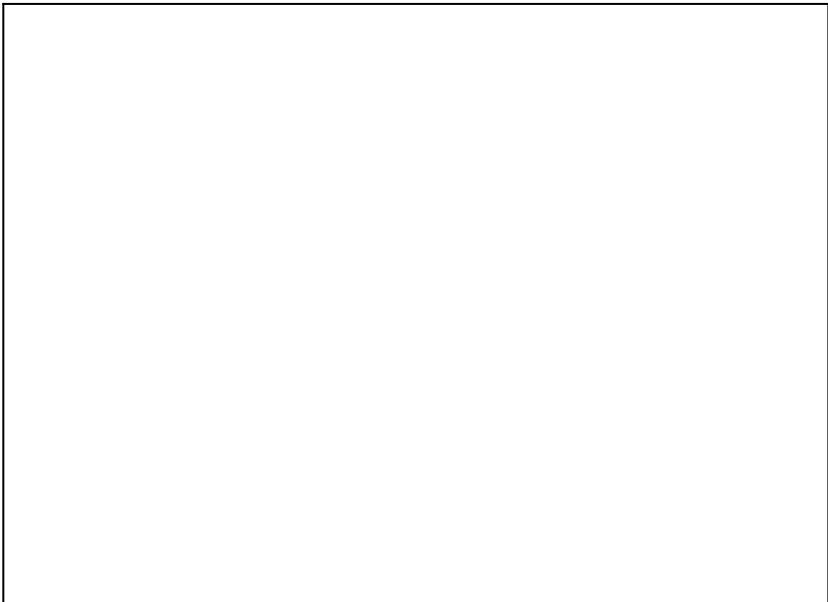
- o Active parking Assistance (Controls steering and potentially other functions during parking. Driver may be responsible for acceleration, braking and gear position. Some systems are capable of parallel and/or perpendicular parking.)
- o Remote Parking (Parks vehicle without driver being physically present inside the vehicle. Automatically controls acceleration, braking, steering and shifting.)
- o None of the above

- o Automated High Beams (Switches between high and low beam headlamps automatically based on lighting, surroundings and traffic.)
- o Backup Camera (Provides view of area behind vehicle when in reverse. Could include trailer assistance, a system that assists drivers during backing maneuvers with a trailer attached.)
- o Driver Monitoring (Monitors drivers to determine if they are actively engaged in the task of driving. Some systems monitor driver's eye movement and head position.)
- o Head-Up Display (Projects image of vehicle data and/or navigational info into the driver's forward line of sight.)
- o Night Vision (Aids driver vision at night by projecting enhanced images on instrument cluster or head-up display.)
- o Surround-View Camera (Uses cameras located around vehicle to present view of surroundings.)
- o None of the above

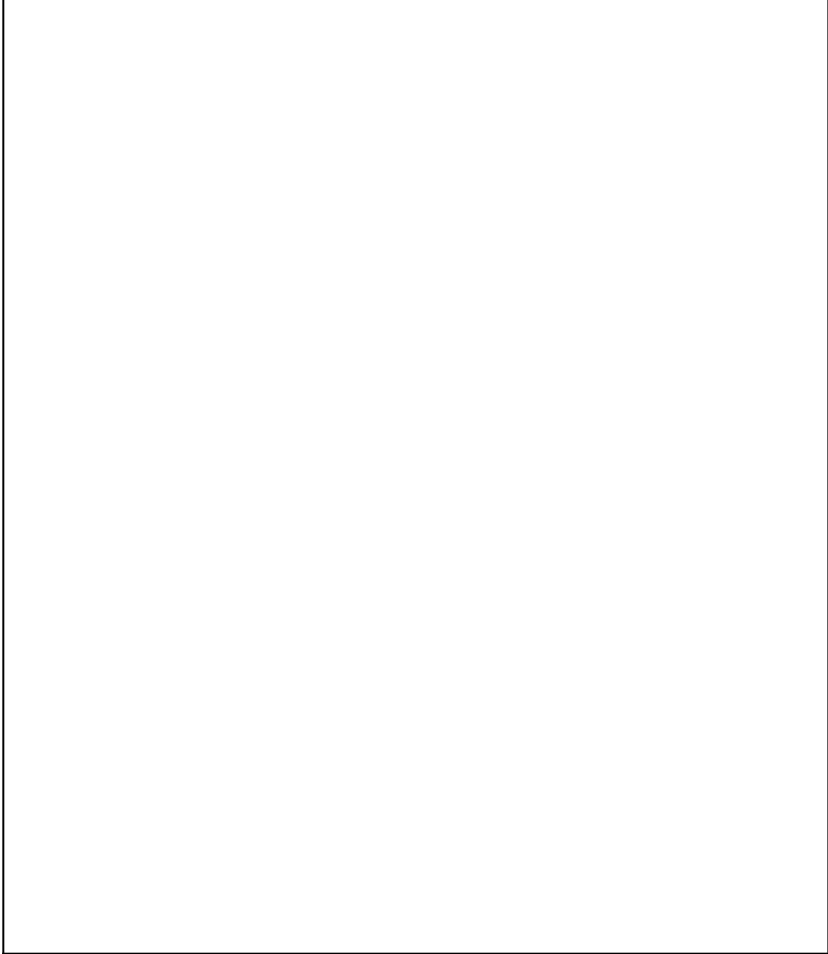
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Towing capacity depends on the exact model and/or any aftermarket modifications. Information about towing capacity can be found in the vehicle manual, online, or calculated from the information inside the door.

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A dolly is an unpowered vehicle designed for connection to a tractor unit, or truck.



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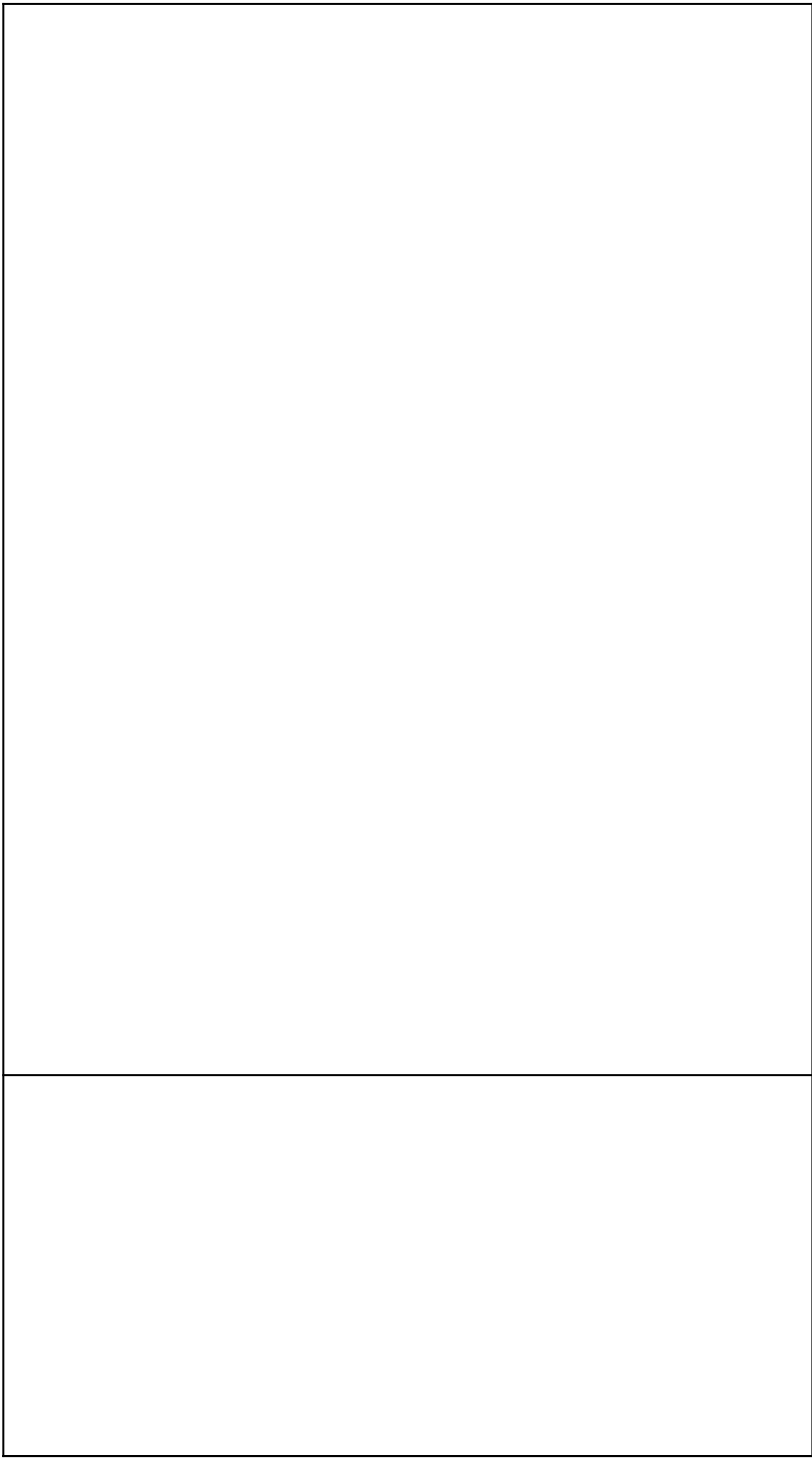
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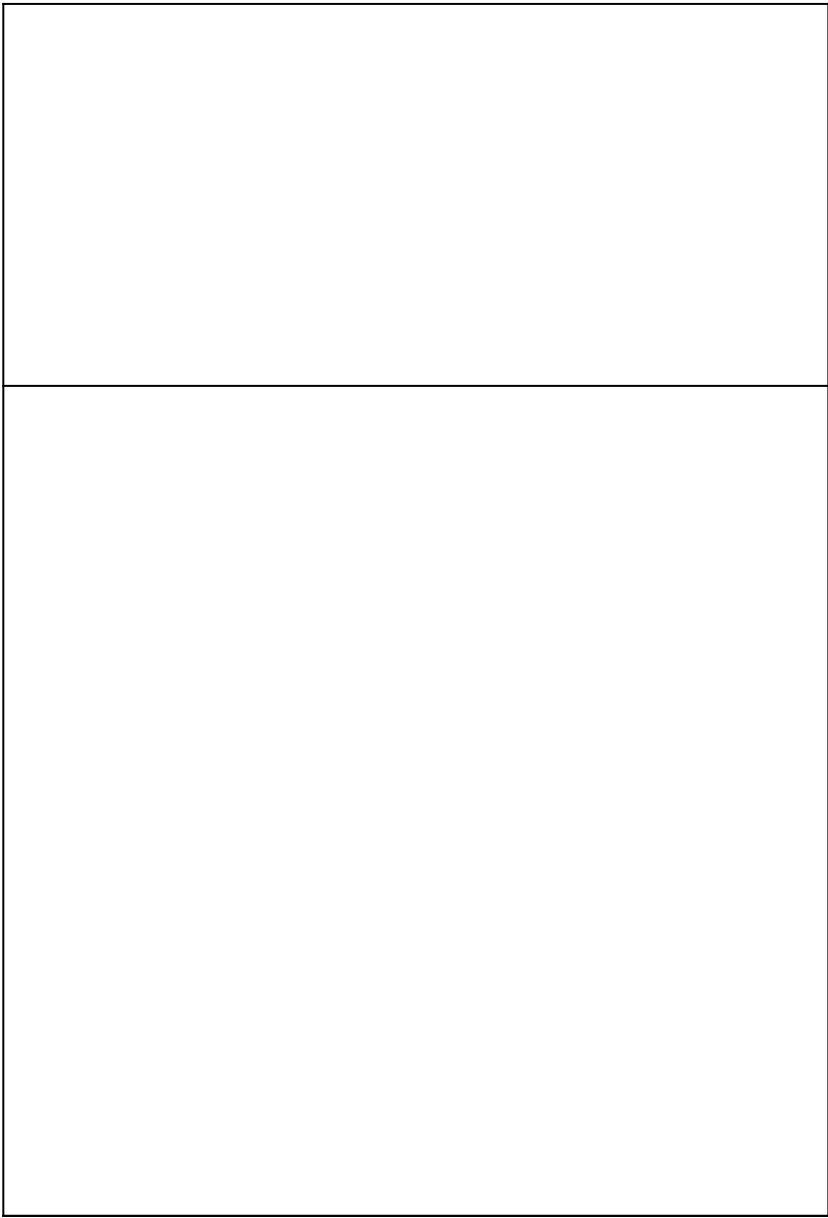


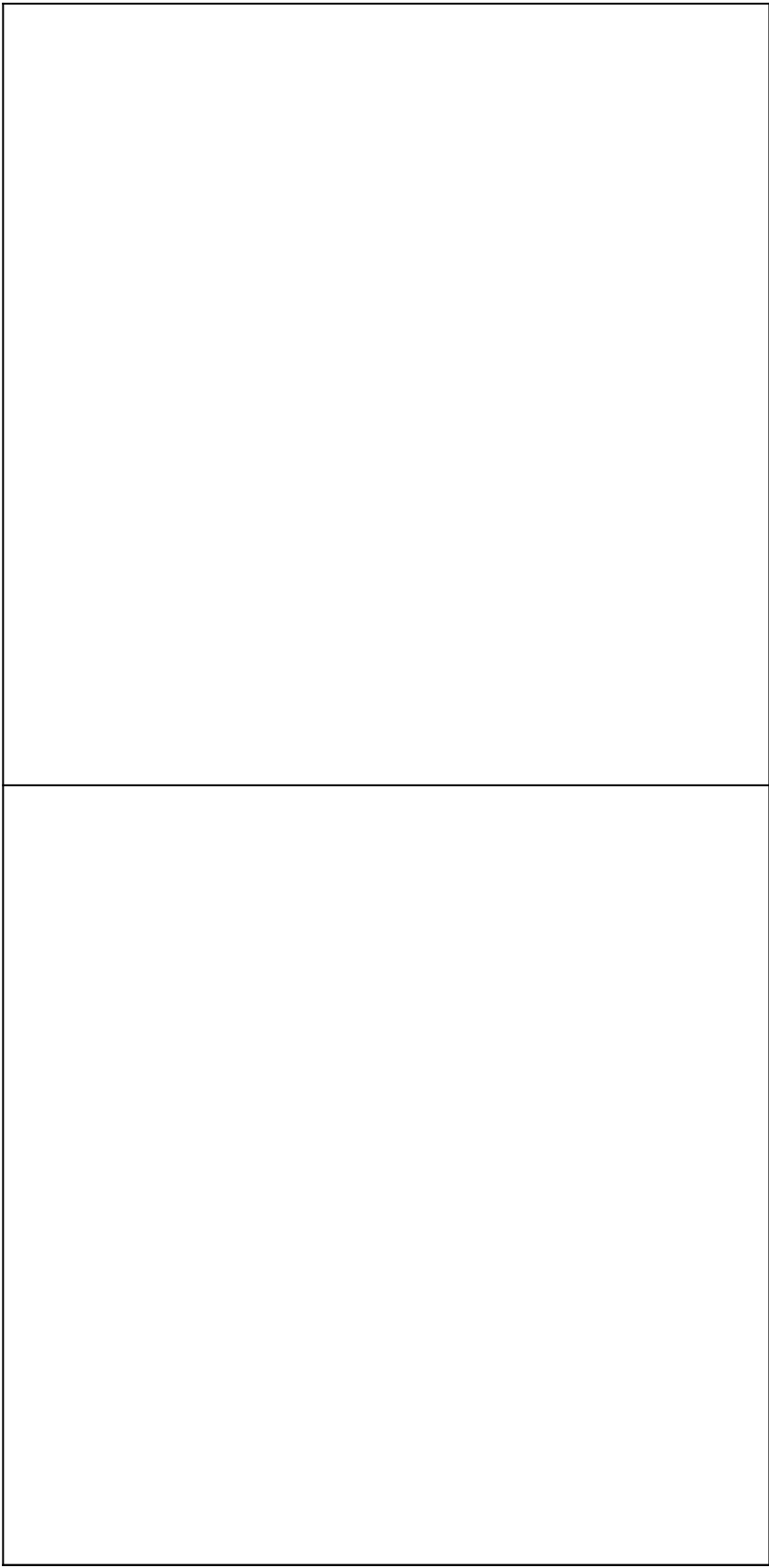




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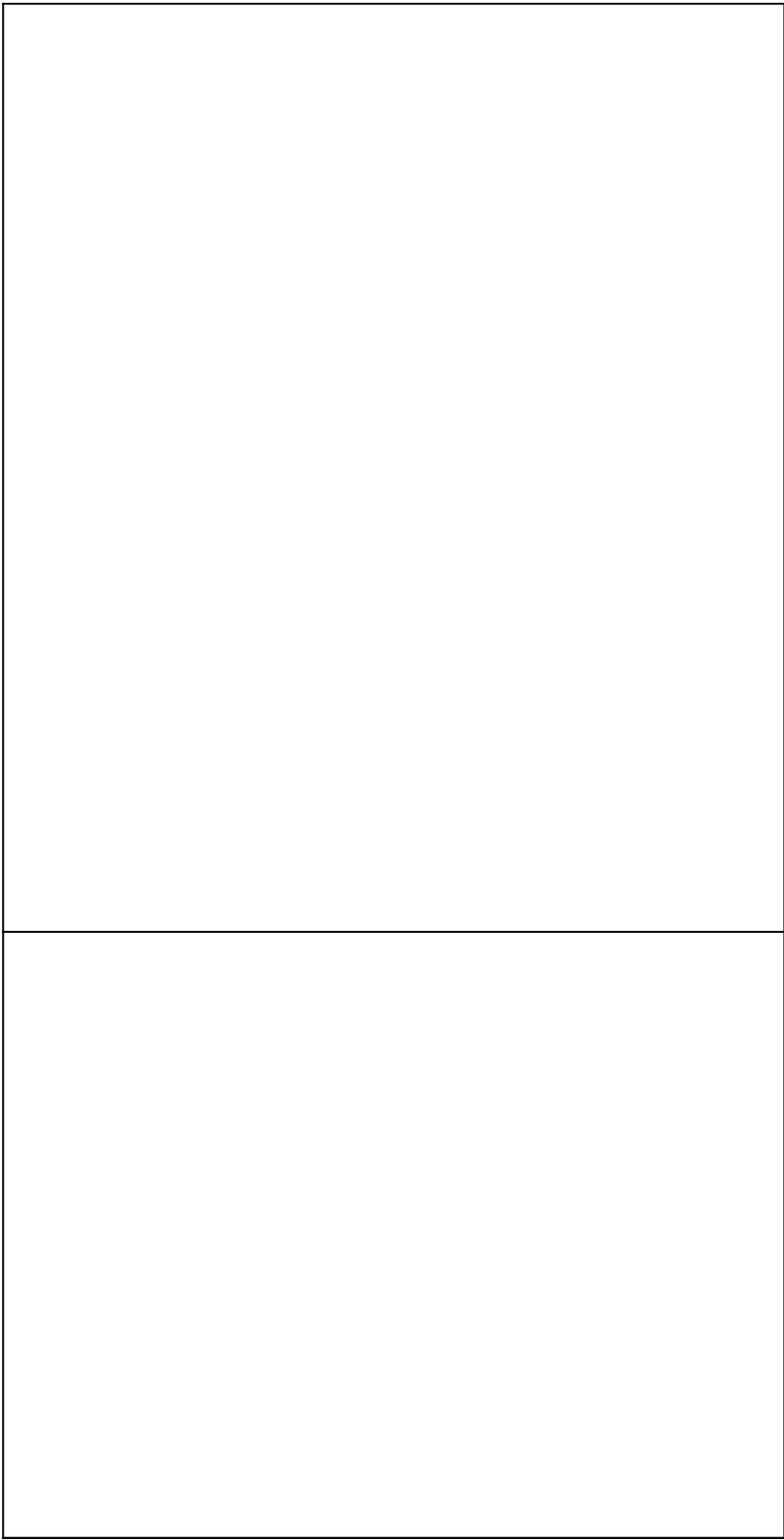




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**NOTES**

**Original questions for BTS**

Respondents tended to see "your company" only. Revised text to emphasize your OR your company.

Note for Census: How will this look on the electronic form? Does "vehicle identified above" still make sense?

\*Note for Census: I think disposed trucks were still tabulated in 2002, should they be? Can we identify them better.

\*Note for Census: Check consistency across variables for "Mark only ONE" and "Mark all that apply"

3/4/2020: I moved Mark ONE circle only to the bottom. GT

1. obtain - does this include bought, leased, gifted? The italicized note is very confusing. Can you lease but not take possession of car immediately?

2. BTS: Do we really need month and year?  
(this is not "model year" - I assumed the 2002 tables had to have used the Polk data to get that?) Does this determine in/out of scope?

3. BTS: we really need to know the purpose of this question

Note for Census: We should review this in the pilot. We had about 6 million not reported in 2002. Why did they leave it blank?

3/5/2020: Removed "Mark ONE box only" to make it consistent with other similar Y/N question. GT

2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

1. Ownership Leasing? Question had almost 50% missing in 2002. It was higher for pickups/etc. than for the 9502 trucks. That note might be confusing people, or the question wording. (Was the vehicle BEING leased during 2020?)

6/2/2020: BTS Decision:

- Consider changing 'someone else' to 'another person or company' in both D1 and D2.

6/2/2020: BTS Decision:

- Consider changing 'someone else' to 'another person or company' in both D1 and D2.

---

6/9/2020: Removed "Mark ONE box only" from Yes/No question. GT

---

BTS: Should we add the following to the answer categories?  
mileage limitation, insurance such as physical damage  
insurance, bobtail insurance, cargo insurance

---

3/3/2020: Revised question to past tense. GT

3/11/2020: Per pilot round 1, a lot of respondents, not sure their truck is "tractor" or other truck. Ken provided us new categories:

---

1. Is the spelling Low boy or Lowboy ?
2. BTS: What are "box trucks" classified as? That seems like a common term people know.
3. BTS: What about "straight truck"?

3/3/2020: Revised question to past tense. GT

6/2/2020: BTS Decision:

- Change 'Beverage' category to 'Beverage or bay.'

1. Remove year reference.
2. The note on 9501 comes after the question. It also doesn't have the word "NOTE:" at the beginning. Census: What is the preference here?
3. BTS: Old question ask the number of tires only of the two axles. Should only the two axles skip to the next question(#tires)?

3/3/2020: Revised question to past tense. GT

3/11/2020: Per pilot round 1, a lot of respondents didn't read the note and don't know what power unit is. We revised question to include note into the question and remove power unit to prevent confusion. GT

6/2/2020: BTS Decision:

Rewording to "What was the total number of axles, including liftable (tag) axles, on this vehicle, excluding trailer(s)?"

---

Should we move this question to later b/c it's in between axle questions that reference "question 1 or 3"? Suggest move after F5.

3/3/2020: Revised question to past tense. GT

6/2/2020: BTS Decision:

- ADD HELP TEXT: Axles are long steel rods that run parallel with the front and rear bumpers and have wheels attached to them.

---

BTS: why isnt driving axles on 9502 anymore? We won't be able to publish this like it was done in 2002. The question was on the 2002 form (Section F #2) Was this an error on our part?

3/3/2020: Revised question to past tense. GT

---

How will "from question 1 above" work in electronic instrument? Can you still see what that question was on the screen?

How will "from question 3 above" work in electronic instrument? Can you still see what that question was on the screen?

How will "from question 3 above" work in electronic instrument? Can you still see what that question was on the screen?

Do any of these apply: 1. Hydraulic braking system 2. Electromagnetic braking System 3. Air or pneumatic braking system 4. Mechanical braking system (Hand brake or Emergency brake) 5. Electronic braking system(brake-by-wire) 6. Magnatic braking system

6/2/2020: BTS Decision:

- Most Rs only acknowledged two types of cabs: sleepers and day cabs.

6/2/2020: BTS Decision:

Revised question to "Which of the following best describes the cab of this vehicle? Mark ONE box only."

6/2/2020: BTS Decision:

Replaced this question with "What type of cab did this vehicle have? Mark ONE box only."

- o Sleeper cab (Go to question 10)
- o Day cab (Continue to question 9)

1. Is this interior or exterior height?
2. can we remove year reference once we determine what this measures? Can cab height change?

6/2/2020: BTS Decision:

Revise question text:

What was the height of this vehicle's cabin (measured from the ground to the top of the roof)? Include and equipment that extends above the roof of the cabin such as an antenna, a fairing, or a smoke stack.

We should add a category for "other" so see if write ins explain the 7.1% not reported in 2002.

Does any of this apply: Electric tractor trailer, Self-driving tractor trailer, Gear Transmission, Hydrostatic Transmission, Constant Velocity Transmission (CVT)



---

REVISE PER ATA FEEDBACK LIST

2/28/2020 : removed this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

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2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Revised this question base on "New Content Final 03\_03\_20". GT

6/2/2020:

BTS Decision:

- Driver-Facing Camera.
- Global Positioning System (GPS), without navigational aid
- Add None of the Above.
- All items are needed.

---

2/28/2020 : added this question base on "New questions from  
BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination.  
GT

3/4/2020: Revised this question base on "New Content Final  
03\_03\_20". GT

6/2/2020: BTS Decision:  
FHWA replaced this question with new 5 questions.

---

6/2/2020: BTS Decision:  
• FHWA Provide question text and category text.  
• Add None of the Above.  
• All items are needed.

---

6/2/2020: BTS Decision:  
• FHWA Provide question text and category text.  
• Add None of the Above.  
• All items are needed.

---

---

6/2/2020: BTS Decision:

- FHWA Provide question text and category text.
- Add None of the Above.
- All items are needed.

---

6/2/2020: BTS Decision:

- FHWA Provide question text and category text.
- Add None of the Above.
- All items are needed.

---

6/2/2020: BTS Decision:

- FHWA Provide question text and category text.
  - Add None of the Above.
  - All items are needed.
-

---

2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Revised this question base on "New Content Final 03\_03\_20", moved from F8 to F7. GT

6/2/2020: BTS Decision:  
• Add None of the Above.

---

2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Revised this question base on "New Content Final 03\_03\_20", moved from F7 to F8. GT

6/2/2020: BTS Decision:  
• Remove 'bobtail' from this question.  
• Remove transponder  
• Add 'None of the above' answer choice.

---

2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed this question base on "New Content Final 03\_03\_20". GT

---

- 
1. can this be derived some other way? Do we care about towing capacity of vehicles that never tow anything?
  2. should this be in the trailer section instead to only ask people with trailers?

6/2/2020: BTS Decision:

BTS Decision:

- HELP TEXT:
- Towing capacity depends on the exact model and/or any aftermarket modifications. Information about towing capacity can be found in the vehicle manual, online, or calculated from the information inside the door.

---

We want to reverse the original order of these questions; and then skip "reasons" if they select 12 months.

There is a footnote in Table 6 about adjusting miles for partial-year ownership. That must use this question-we need to figure out how.

**If you use truck 10-12 months, you don't have to answer next question. Categories need to be reviewed. such as 7-9 month, 10-12 month, lower categories can stay. Are these categories meaningful to someone?**

- o 10-12 months (skip to Home Base section)
- o 7-9 months
- o 2-6 months
- o 1 month or less
- o Vehicle not used (no miles driven)

**Change During 2020 to In 2020**

---

---

This wasn't tabulated in 2002. What is this for?

---

remove question(combine it to H3 and make H3 to H1), is there a better example of what trucks might not have a home base for these types of vehicles? This mentions truck tractors and one way rentals. If the "lessee" question earlier doesn't apply to these trucks, that note needs to be removed too.

---

move from H3 to H1

2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination.  
GT

3/3/2020: Revised question to past tense. GT

---

- 
1. move after #3
  2. why is the July 1 reference in there?
  3. Could it b/c we sample active vehicles as of July 1?
  4. this was not tabulated in 2002.

- 
1. for some reason in 2002, you could have an answer of zero for FLEET SIZE. Not sure how that is possible if you count the one truck that is part of the survey. Could be an issue with the question wording-how many OTHER trucks?
  2. do we count private use vehicles?
  3. this was not tabulated in 2002.

3/3/2020: Revised question to past tense. GT

3/11/2020: Per pilot round 1, respondents don't know what "All other truck" refer to. Revised it to "Any other truck or van". GT

6/2/2020: BTS Decision:

- Add 'No other vehicles at this home base' check box.
  - HELP TEXT: A dolly is an unpowered vehicle designed for connection to a tractor unit, or truck.
-

---

We reorganized the order of the questions in "Miles" section

6/2/2020: BTS Decision:

- Revise question: "How many total miles was this vehicle driven in 2020?"

---

Respondents want to check more than one category

6/2/2020: BTS Decision:

- Change 'Gas receipts' to 'Gas or fuel receipts.'

---

electric vehicles will need to be identified earlier and skip over this question. What about hybrids? Is there some equivalent to MPG for electric or hybrid cars that needs to be measured?

---

6/2/2020: BTS Decision:

- Change 'Gas receipts' to 'Gas or fuel receipts.'

- 
1. The word jurisdictions might confuse people.
  2. Re-sort categories by how common.
  3. Add note "Percents should sum to 100%"
-



1. reorder "Trips off-the-road:"
2. Why do we specify "public/private" and not just ON the road and OFF the road?
3. Add note that this should add to 100%?
4. What does "off the road" mean?
5. We added % signs for consistency
6. should we keep note: "If this vehicle does not operate from a home base, report the average range of operation." --What are they measuring the distance from if there is no home base?

3/11/2020: Per pilot round 1, respondents find it's very difficult to estimate % of mileage w/current detail response categories. Most respondents also don't know or have different definition of off-the-road. We decided to remove "off-the-road" and collapse the response categories into three categories. GT

6/2/2020: BTS Decision:  
Census - fix the Q wording to be consistent with others about mileage "what percent of vehicle's 2020 mileage..."

---

6/2/2020: BTS Decision:  
BTS - want this to be a separate question.

---

This is repetitive to the 2002 question O-1.  
This question should be in the Products section. Reconcile which question to use and which section to include it.

3/11/2020: Replaced this question with two separate question idle and auxiliary in %. GT

---

3/11/2020: Per pilot round 1, it's very difficult to estimate hour spent puls people has a lot of question about definition of idling such as waiting on the traffic light, parking while carry stuff that need to run electricity, runing heat/air condition while sleeping, etc. Revised to %. GT

---

3/11/2020: Per pilot round 1, it's very difficult to estimate hour spent puls don't know what auxiliary power is. Suggested help text which we will add that later. GT

6/2/2020: BTS Decision:

- Consider rephrasing questios "In 2020, what was the approximate percent of this vehicle's operating time spent using an auxiliary power unit?"

---

3/3/2020: Revised wording question to make it consistent through out the form. GT

---

- 
1. Should we change to "gas station/convenience stores"? Looks like that might have been a write in that was edited in 2002. If we don't change, we can check pilot write ins.
  2. why is this "mark ONE box only"? What are we measuring here? Why is it where you "typically" go?
  3. What about electric vehicles? We need charging stations or home added.

3/3/2020: Revised wording question to make it consistent through out the form. GT

---

NOTE: The reordering of this list on 9501 requires us to deal with this in post processing to match 9502.

3/3/2020: Revised wording question to make it consistent through out the form. GT

---

should we add "**NOTE:** Round to whole dollar"?

---

3/3/2020: Revised wording question to make it consistent through out the form. GT

6/2/2020: BTS Decision:

- Add clarification (over \$500), remove examples.

6/9/2020: Removed "Mark ONE box only" from Yes/No question. GT

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NOTE: The reordering of this list on 9501 requires us to deal with this in post processing to match 9502.

02/28/2020: Per Stefanie, for general maintenance we ask who did maintenance and then cost. For extensive we ask cost and then who did repairs. I reodered the quesiton to make it consistence.

6/2/2020:

Census: Remove "EXTENSIVE" to make it consistent with question above. GT

---

should we add "NOTE: Round to whole dollar"?

02/28/2020: Per Stefanie, for general maintenance we ask who did maintenance and then cost. For extensive we ask cost and then who did repairs. I reodered the quesiton to make it consistence.

---

added category "Don't know" and skip to section K

3/11/2020: Per pilot round 1, respondent suggested overhaul b/c most of his vehicles overhaul. GT

---

3/11/2020: Make it consistent w/J8. GT

---

2/28/2020: added per note in Cell L65 in 9502 spreadsheet. (add to help skip pattern) GT

3/3/2020: Added this question to help with skip pattern. GT

---

1. We are missing the question K2 from 2002 (variable name TRAILER). We need that on the actual form-it has the skip patterns in it.

2. what is the important thing about this question? Do we need to ask the percentage of the time in this configuration?

6/2/2020: BTS Decision:

Replaced this question with 3 new questions.

---

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6/2/2020: BTS Decision:  
Added, In 2020, was this vehicle used to pull a trailer? Trailer mounted equipment should be treated as a trailer.

- Yes
- No

---

6/2/2020: BTS Decision:  
Added, In 2020, did this vehicle pull a trailer for more than half of all miles driven? Trailer mounted equipment should be treated as a trailer.

- Yes, this vehicle pulled a trailer for more than 50% of all miles driven.
- No, this vehicle pulled a trailer for less than 50% of all miles driven.

---

6/2/2020: BTS Decision:  
Added, In 2020, which of the following did this vehicle pull most often? Trailer mounted equipment should be treated as a trailer.

- Single trailer
- Double trailer
- Triple trailer

---

3/3/2020: Revised wording question to make it consistent through out the form. GT

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3/2/2020: I think we should either add the wording "on two trailers" to the end of each of these categories to emphasize that this question asking the total axle of these two trailers combine or rewording the question to make it clear that we want the respondent to count all the axle on both trailers. GT

3/3/2020: Revised wording question to make it consistent through out the form. GT

3/2/2020: I think we should either add the wording "on three trailers" to the end of each of these categories to emphasize that this question asking the total axle of these three trailers combine or rewording the question to make it clear that we want the respondent to count all the axle of three trailers. GT

3/3/2020: Revised wording question to make it consistent through out the form. GT

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3/3/2020: Revised to past tense. GT

3/4/2020: Revised this question base on "New Content Final 03\_03\_20". Also revised it to past tense. GT

6/2/2020: BTS Decision:

- Add 'chassis' to 'Flatbed, platform, etc.'
- Add 'side' to 'Dump...' category
- Change 'Beverage' category to 'Beverage or bay.'

---

REVISE PER ATA FEEDBACK LIST

6/2/20: Census - correct spelling faring to fairing. GT

---

why do we need this much detail?

3/5/2020: Removed note b/c it's not applied to this question any more. GT

NOTE: If the highest percentage reported in section K, question 1 was:

- No trailer pulled, skip to Section L - WEIGHT
- Single trailer pulled, continue to next question.
- Double trailer pulled, skip to question 6
- Triple trailer pulled, skip to question 10

6/2/2020: BTS Decision:

Consider insert year, make, and model to electronic instrument

6/15/2020: Stef recommend refering to paper question if respondent didn't answer question 1. I agree. Kelly think we should treat it as the respondent answer is no. However, she is ok if Stef and I agree to refer to paper question. We can test it out in Pilot. GT

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3/11/2020: Removed this question b/c empty weight plus payload equal to this question. GT

6/2/2020: 6/2/2020: BTS Decision:  
Per Cha-chi's email on 6/4/2020, the passenger weight wouldn't be included.

3/4/2020: Added this question per "New Content Final 03\_03\_20". Also added skip pattern.GT

6/2/2020: BTS Decision:  
FHWA removed this question per Kelly's email on 6/3/2020.

3/4/2020: Revised this question per "New Content Final 03\_03\_20". GT

3/4/2020: Revised this question per "New Content Final 03\_03\_20". GT

6/2/2020: BTS Decision:  
FHWA removed this question per Kelly's email on 6/3/2020.

3/4/2020: Revised this question per "New Content Final 03\_03\_20". GT

3/4/2020: Revised this question per "New Content Final 03\_03\_20". GT

6/2/2020: BTS Decision:  
FHWA removed this question per Kelly's email on 6/3/2020.

2/28/2020 : added this question per "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed per "New Content Final 03\_03\_20". GT

2/28/2020 : added this question per "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed per "New Content Final 03\_03\_20". GT

2/28/2020 : added this question per "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed per "New Content Final 03\_03\_20". GT

2/28/2020 : added this question per "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed per "New Content Final 03\_03\_20". GT

2/28/2020 : added this question per "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed per "New Content Final 03\_03\_20". GT

2/28/2020 : added this question per "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/4/2020: Removed per "New Content Final 03\_03\_20". GT

3/4/2020: Removed per "New Content Final 03\_03\_20". Gt

3/2/2020: Per Scott & Kelly, this question might need to be removed if accept new questions. Scott will email BTS to confirm today. GT

1. Is there a good reason for "for-hire transportation" to be in a different order in this list on the 9502 vs 9501?

2. We need to put BUSINESS and OPCLASS questions in the same order on both 9501 and 9502. It affects the vehicle rentals totals.

3. Revise categories base on OPTION 2

3/3/2020: Revised to past tense. GT

3/11/2020: Per pilot 9502 round 1, respondent can't find HVAC, Plumbing, electrician which these are common term for them. Added it to prevent respondent pick wrong category or not answer. We can recode this later. GT

6/2/2020: BTS Decision:

- Consider changing instances of 'your business' to 'this business.'
- Add advertising to 'Other services,' which is the NAICS industry it would fall into.

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6/2/2020: BTS Decsion:

- Remove note about adding to 100%.

---

1. Is there a problem with the skip instructions or question wording?

2. About 21% of for-hire trucks left this blank in 2002 (unwgted).

3/11/2020: Per pilot round 1, no one know what contract or common carrier plus it's old terms. Removed. GT

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1. Is there a problem with the skip instructions or question wording?

2. About 21% of for-hire trucks left this blank in 2002 (unwgted).

6/2/2020: BTS Decision:

- Consider adding 'truckload' and 'less-than-truckload' in parentheses at the end of the answer categories.

---

1. Is there a problem with the skip instructions or question wording?

2. About 41% of for-hire trucks left this blank in 2002 (unwgted).

3/11/2020: Per pilot round 1, it's old terms plus hard to separate brokers and centralized market change these days. Removed. GT

---

1. What is the purpose of this question?

2. It was not tabulated in 2002.

3. Is there a problem with the skip instructions or question wording?

4. Very little useful data came from this question. About 98% of the for-hire trucks were either missing a value or said 0% (unwgted).

3/11/2020: Removed b/c it's the follow up question of the other question that we removed.

---

1. What is the purpose of this question?

2. It was not tabulated in 2002.

3. Is there a problem with the skip instructions or question wording?

4. About 38% of for-hire trucks left this blank in 2002 (unwgted).

3/11/2020: Per pilot round 1, people familiar with load/run. GT

---

1. This is the original wording from 2002. It is repetitive to new Question I-8
2. We need a decision on what version should be on 9501 and how to combine responses if the questions are not the same.

2/28/2020 : Removed base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

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6/2/2020: BTS Decision:

- o Bring back O1: "What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?"
  - o Empty - NOT CARRYING any products, tools, equipment, or materials: \_\_\_\_\_% (If you report 100% empty, go to Section O - Contact Information)
  - o Loaded - CARRYING products, tools, equipment, or materials: \_\_\_\_\_%
- o Add new O2: "What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to physical capacity (cubed out)? Round to the nearest whole percent."
  - o Vehicle was filled to physical capacity (cubed out): \_\_\_\_\_%
- o Add new O3: "What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to weight limit (weighed out)? Round to the nearest whole percent."
  - o Vehicle was filled to weight limit (weighed out): \_\_\_\_\_%

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6/2/2020: BTS Decision:

o Bring back O1: "What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?"

o Empty - NOT CARRYING any products, tools, equipment, or materials: \_\_\_\_\_% (If you report 100% empty, go to Section O - Contact Information)

o Loaded - CARRYING products, tools, equipment, or materials: \_\_\_\_\_%

o Add new O2: "What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to physical capacity (cubed out)? Round to the nearest whole percent.

o Vehicle was filled to physical capacity (cubed out): \_\_\_\_\_%

o Add new O3: "What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to weight limit (weighed out)? Round to the nearest whole percent.

o Vehicle was filled to weight limit (weighed out): \_\_\_\_\_%

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6/2/2020: BTS Decision:

o Bring back O1: "What was the approximate percent of this vehicle's 2020 mileage for each of the following categories?"

o Empty - NOT CARRYING any products, tools, equipment, or materials: \_\_\_\_\_% (If you report 100% empty, go to Section O - Contact Information)

o Loaded - CARRYING products, tools, equipment, or materials: \_\_\_\_\_%

o Add new O2: "What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to physical capacity (cubed out)? Round to the nearest whole percent.

o Vehicle was filled to physical capacity (cubed out): \_\_\_\_\_%

o Add new O3: "What was the approximate percent of this vehicle's 2020 mileage that this vehicle was filled to weight limit (weighed out)? Round to the nearest whole percent.

o Vehicle was filled to weight limit (weighed out): \_\_\_\_\_%

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\*\*\*If the question on 9501 is different from 9502, we will not be able to combine this into one variable so we need to understand what is being measured here. Have to reconcile across the forms.

2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

3/11/2020: Per pilot round 1, no one know cube out/weight out mean. need clearer wording. GT

6/2/2020: BTS Decision:  
Replaced this question with 3 new questions.

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2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

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2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

6/2/2020: BTS Decision:  
Consider rephrasing:  
o "What was the approximate percentage of the vehicle's 2020 mileage driven empty or deadhead directly back to home base?"

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2/28/2020 : added this question base on "New questions from BTS 2\_13\_20" in ECON\_SHARE\VIUS\2022 VIUS\Coordination. GT

6//8/2020: Approved by Cha-chi's email on 6/8/2020  
In 2020, did you ever take a less efficient route due to:  
- low height on a bridge or a tunnel  
- weight restriction on a bridge

6/9/2020: Removed "Mark ONE box only" from Yes/No question. GT

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3/3/2020: Revised question to make it consistent through out the form. GT

3/11/2020: Per pilot round 1, recommend simplify this question. \*\*use something similar to NAPCS example\*\*

Percentages can add to more than 100% if more than one product was carried at the same time.

6/2/2020: BTS Decision:

- LOADED MILES is not the same as commercial miles. Do not bring the word commercial into this question.
- Revised stem: "In 2020, for the miles driven while carrying a load, what percentage of those "loaded miles" where driven while carry the following products, tools, equipment, or materials?"

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3/3/2020: Revised question to make it consistent through out the form. GT

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3/3/2020: Revised question to make it consistent through out the form. GT

Should we add business website, facebook page, twitter, Flickr, LinkedIn, etc.? 2. Should Month& Day change to system Certified date/Response date(MM/DD/YYYY) once the respondent click submit button or respondent fill in the paper form?

| <b>BTS RESPONSE</b> | <b>RESEARCH PLAN</b><br>Things we want to review in pilot data |
|---------------------|--|
|                     |  |
|                     | Should we tabulate the disposed trucks? If yes, How?           |
|                     |  |
|                     |  |

|                 |   |
|-----------------|---|
| yes, keep month |   |
|                 | We had about 6 million not reported in 2002(Table 2a). Why did they leave it blank?   |
|                 |   |
|                 | Question had almost 50% missing in 2002. It was higher for pickups/etc. than for the 9502 trucks. Question wording might be confusing people. |
|                 |   |

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review "other" for "straight truck"

Old question ask the number of tires only of the two axles. Should only the two axles skip to the next question(#tires)?

Should we move this question to later b/c it's in between axle questions that reference "question 1 or 3"? Suggest move after F5.

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|  | review other write in |
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|  | Review new "other" category to see if write ins explain the 7.1% not reported in 2002. |
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Can this be derived some other way?

How many people who do not attach trailers leave this blank? How many report "0"?

There is a footnote in Table 6 about adjusting miles for partial-year ownership. That must use this question-we need to figure out how.

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|  | <p>Review electric vehicles in pilot.<br/>can any of these trucks operate on compressed natural gas? or is this note only relevant for form 9502? If not remove that note.</p> <p>What about hybrids and all electric cars? Is there some equivalent to MPG for electric or hybrid cars that needs to be measured?</p> <p>electric vehicles will need to be identified earlier and skip over this question. We don't ask</p> |
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|  | review in pilot |
|  | review in pilot |
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|  | <p>Should we change to "gas station/convenience stores"? Looks like that might have been a write in that was edited in 2002. We need to check pilot write ins.</p> |
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|  | review detail in pilot |
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|  | <p>respondent can't find HVAC, Plumbing, electrician which these are common term for them. Added it to prevent respondent pick wrong category or not answer. We can recode this later.</p> |
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|  | see if the new arrangement of this section improves the item response for this question |
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|  |   |
|  | see if the new arrangement of this section improves the item response for this question |

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**BTS needs to fill these columns out - we provided a starting point**  
**If the variable was listed in the ORNL report, we indicated that and the average score based on how critical it was rated by the 6 agencies. A score of 5 = critical to mission. If all 6 agencies said it was critical, the average score would be 5.0.**

| Is this a "key indicator"?<br>(per BTS 7/1/20) | Do we need this at the state level?<br>(per BTS 7/1/20, everything tabulated in 2002 should be a state level indicator again. Only new questions that should be added are marked) | Why is this question included? Who is the stakeholder? What are the data uses?                |
|--|---|---|
|  |   | ORNL-P18 STILLOWN(3.0), Verify registration information is correct<br>FMCSA, FHWA, EIA, NHTSA |
|  |   | remove disposed vehicles from truck universe?<br>FMCSA, FHWA, EIA, NHTSA                      |
|  |   | ORNL-P13 DISPOSEYEAR(3.3), P15 DISPOSEMnth(2.3)<br>FMCSA, FHWA, EIA, NHTSA                    |
|  |   | ORNL-P15 DISPOSEHOW(2.8)<br>FMCSA, FHWA, EIA, NHTSA   |

|  |     |   |
|--|-----|---|
|  |     | <b>ORNL-P15 ACQUIREMNT(2.5),<br/> ACQUIREYEAR(3.0)</b><br>FMCSA, FHWA, EIA, NHTSA                 |
|  |     | <b>relate to ORNL-P20(3.5) VEHNEWMPG<br/> Vehicle mileage when new</b><br>FMCSA, FHWA, EIA, NHTSA |
|  | yes | No stakeholders listed  |
|  |     | <b>ORNL-P13 LEASE(3.0) Vehicle was leased</b><br>FMCSA, FHWA, EIA, NHTSA                          |
|  |     | <b>ORNL-P16 LEASEWHO(2.7)</b><br>FMCSA, FHWA, EIA, NHTSA  |

|  |  |                         |
|--|--|-------------------------|
|  |  | FMCSA, FHWA, NHTSA      |
|  |  | FMCSA, FHWA, NHTSA      |
|  |  | FMCSA, FHWA, NHTSA      |
|  |  | FMCSA, FHWA, EIA, NHTSA |

yes

**ORNL-P9 BODYTYPE(5)**  
FMCSA, USDA, FHWA, EIA, NHTSA, EPA

|     |     |  |
|-----|-----|--|
| yes |     | <b>ORNL-P9 AXLESTOTAL(5)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA     |
| yes | yes | <b>new question, not in ORNL</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
|     |     | <b>ORNL-P13 AXLEDIVING(3.0)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA  |
| yes |     | FMCSA, FHWA, NHTSA   |



|     |  |   |
|-----|--|---|
|     |  | FMCSA, FHWA, NHTSA                                |
|     |  | ORNA - Page 15 AXLELEFTBRKE<br>FMCSA, FHWA, NHTSA |
|     |  | FMCSA, FHWA, NHTSA                                |
| yes |  | FMCSA, USDA, FHWA, EIA, NHTSA, EPA                |
| yes |  | ORNA - Page 11 CAB<br>FMCSA, FHWA, EIA, NHTSA     |
|     |  | ORNA - Page 9 CABSLEEPER                          |

|     |     |  |
|-----|-----|--|
| yes | yes | <b>ORNL-P20 CABHEIGHT(3.8)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
|     |     | FMCSA, USDA, FHWA, EIA, NHTSA, EPA                                   |
|     |     | ORNA - Page 20 NUMGEARS<br>FMCSA, FHWA, EIA, NHTSA                   |

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|  |  | <b>ORNL-P20(3.6) Trailer permanent equipment. Nothing in ORNL mention to pickup, minivan, SUV for permanent equipment.</b> |
|  |  | FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |

|     |     |                                    |
|-----|-----|------------------------------------|
|     |     |                                    |
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |

|     |     |                                    |
|-----|-----|------------------------------------|
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |

|  |  |                                    |
|--|--|------------------------------------|
|  |  | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
|  |  | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
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|     |     |  |
|-----|-----|--|
| yes | yes | FMCSA, FHWA, EIA, NHTSA, EPA   |
|     |     | <b>ORNL-P12 TIMEOPERATE(3.6)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |

|     |  |   |
|-----|--|---|
|     |  | <b>ORNL-P14 TIME_IDLE(3.7), TIME_NA(3.5), TIME_OTH(3.5), TIME_REPAIR(3.5), TIME_SEASNL(3.5)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
|     |  | <b>ORNL - Page 13, HB</b>   |
| yes |  | <b>ORNL - P11 HBTYPE(3.8), P13 HB(3.8)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA  |



|     |  |   |
|-----|--|---|
| yes |  | <b>ORNL-P10 HB_STATE(4.2)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
| yes |  | <b>ORNL-P9 FLEET_OTH(5.0)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |

|     |     |   |
|-----|-----|---|
| yes |     | <b>ORNL-P9 MILES_RANGE(5.0)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |
| yes | yes | ORNL- Page 19, VEHMILESCALC (4.5)<br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |
| yes |     | <b>ORNL-P10 MPG(4.5)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA  |
| yes | yes | ORNL - Page 19, VEHMPGCALC (4.3)<br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA  |
| yes |     | <b>ORNL-P12 OPERATECAN(3.4),<br/>OPERATEMEX(3.4), P10 OPERATEHB(4.6),<br/>OPERATEOTH(4.2)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |

|     |  |  |
|-----|--|--|
| yes |  | <p>ORNL-P9 TRIPOFFROAD(5), P12<br/> TRIP0_50(4.4), TRIP051_100(4.4),<br/> TRIP101_200(4.4), TRIP201_500(4.4),<br/> TRIP500MORE(4.4)<br/> FMCSA, USDA, FHWA, EIA, NHTSA, EPA</p> <p>Used in FAF</p> |
|     |  | <p>ORNL-P9 TRIPOFFROAD(5), P12<br/> TRIP0_50(4.4), TRIP051_100(4.4),<br/> TRIP101_200(4.4), TRIP201_500(4.4),<br/> TRIP500MORE(4.4)<br/> FMCSA, USDA, FHWA, EIA, NHTSA, EPA</p> <p>Used in FAF</p> |
| yes |  | <p>ORNL - Page 9, MILES_LIFE<br/> FMCSA, USDA, FHWA, EIA, NHTSA, EPA</p>   |

|     |     |   |
|-----|-----|---|
|     |     | ORNL—Page 19, AVHHRSPWK(not sure type or not AVH..), Page 20, AVGHRSPW_IDL, AVGHRSPW_AUXPWR |
| yes | yes | FMCSA, FHWA, NHTSA  |
|     |     | FMCSA, FHWA, NHTSA  |
|     |     | <b>ORNL-P9 FUEL(5)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA                                |

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|-----|-----|---|
|     |     | <b>ORNL-P9 FUELWHERE(5.0)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |
|     |     | <b>ORNL-P11 MAINT_NONE(3.5), P14 MAINT_COMP(3.3), MAINT_DEAL(3.3), MAINT_GEN(3.3), MAINT_LSNG(3.3), MAINT_SELF(3.3)</b><br>FMCSA, FHWA, NHTSA |
| yes | yes | <b>ORNL-P20 VEHMAINTCOST(3.0)</b><br>FMCSA, FHWA, NHTSA   |
|     |     | <b>ORNL-P18 REPAIR(2.5)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA  |

|  |     |   |
|--|-----|---|
|  |     | <b>ORNL-P18 REPAIR_COMP(2.3),<br/> REPAIR_DEAL(2.3), REPAIR_DIST(2.3),<br/> REPAIR_GEN(2.3), REPAIR_LSNG(2.3),<br/> REPAIR_SELF(2.3)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA |
|  | yes | <b>ORNL-P20 VEHREPAIRCOST(3.0)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA   |
|  |     | <b>ORNL-P19 ENGREBLD(4.4)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA  |
|  |     | <b>ORNL-P19 ENGREBLDYR(4.4)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA  |
|  |     |   |
|  |     | <b>ORNL-P12 TRAILER0(3.6), TRAILER1(3.6)</b>  |

|     |     |   |
|-----|-----|---|
|     | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA                                  |
|     | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA                                  |
|     | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA                                  |
| yes |     | <b>ORNL-P10 AXLESTR1(4.5)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
| yes |     | ORNL - Page 10 LENGTHTRLR1<br>FMCSA, USDA, FHWA, NHTSA              |
| yes |     | ORNL - Page 15 WIDTHTRLR1<br>FMCSA, USDA, FHWA, NHTSA               |

|     |  |  |
|-----|--|--|
| yes |  | FMCSA, USDA, FHWA, NHTSA   |
| yes |  | <b>ORNL-P10 LENGTHRLR1(4.8)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA            |
| yes |  | ORNL - Page 15 WIDTHRLR1<br>FMCSA, USDA, FHWA, NHTSA                             |
| yes |  | ORNL - Page 15 WIDTHRLR2<br>FMCSA, USDA, FHWA, NHTSA                             |
|     |  | FMCSA, USDA, FHWA, NHTSA   |
| yes |  | ORNL - Page 10 LENGTHRLR1,<br>LENGTHRLR2, LENGTHRLR3<br>FMCSA, USDA, FHWA, NHTSA |



|     |  |   |
|-----|--|---|
| yes |  | ORNL - Page 15 WIDTHRLR1<br>FMCSA, USDA, FHWA, NHTSA        |
| yes |  | ORNL - Page 15 WIDTHRLR2<br>FMCSA, USDA, FHWA, NHTSA        |
| yes |  | ORNL - Page 15 WIDTHRLR3<br>FMCSA, USDA, FHWA, NHTSA        |
| yes |  | <b>ORNL-P9 TRAILERTYPE(5.0)</b><br>FMCSA, USDA, FHWA, NHTSA |

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|--|--|--|
|  |  | <b>ORNL - P19 TRAILAEROFRTFAIR(4.2),<br/>TRALAEROREARFAIR(4.2),<br/>TRAILAEROSIDESRKT(4.2),<br/>TRAILAEROUNDCAR(4.2), P20<br/>WEIGHTMOD_ALUMWH(3.8),WGHTMOD_L<br/>GHTLANDGEAR(3.8)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
|  |  | <b>ORNL-P11 LENGTHTOTAL(4.7)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |
|  |  | FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |

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| yes | yes | <b>ORNL-P20 AVGPAYLD(3.8)</b><br>FMCSA, FHWA, NHTSA, EPA |
|     |     |  |
|     | yes | FHWA   |
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|     | yes | FHWA   |
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|  |     | ORNL - Page 20 AVGOVERWGHT, how much weight is overweight? |
|  | yes | FMCSA, FHWA, NHTSA, EPA                                    |

|     |     |  |
|-----|-----|--|
| yes |     | <b>ORNL-P10 SERVICE_PRIMARY(4.0)</b><br>FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA   |

|     |     |                                    |
|-----|-----|------------------------------------|
| yes | yes | FMCSA, USDA, FHWA, EIA, NHTSA, EPA |
|     |     |                                    |
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|  |  | FMCSA, USDA, FHWA, EIA, NHTSA                              |
|  |  |  |
|  |  | ORNL - Page 11 HAULSINTRNT                                 |
|  |  | ORNL - Page 11 HAULSAVGWK<br>FMCSA, USDA, FHWA, EIA, NHTSA |

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|-----|--|--|
|     |  |  |
| yes |  | ORNL-P9 P_EMPTY(5.0), P10 P_LOADED(4.2)<br>FMCSA, USDA, FHWA, EIA, NHTSA |



|     |     |  |
|-----|-----|--|
| yes | yes | ORNL - Page 20 PERCUTEOUT, Page 14<br>P_EMPTY100, WEIGHTEMPCK<br>FMCSA, USDA, FHWA, EIA, NHTSA |
| yes | yes | ORNL - Page 20 PERCUTEOUT, Page 14<br>P_EMPTY100, WEIGHTEMPCK<br>FMCSA, USDA, FHWA, EIA, NHTSA |

|     |     |   |
|-----|-----|---|
|     |     | ORNL—Page 20 PERCUTEOUT, Page 14<br>P_EMPTY100, WEIGHTEMPCK |
| yes | yes | FHWA  |
| yes | yes | FHWA  |
| yes | yes | FHWA  |

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|--|--|--|
|  |  | <p>ORNL-P14 P_EMPTY100(2.6) missing!,<br/>Examples: PALCOHOLIC (3.0),<br/>PANIMALFEED(3.0),<br/>PBAKERYPROD(3.0),<br/>PEMPCONTAIN(3.0),<br/>PFERTILIZER(3.0) ,<br/>PGRAINS(3.0),<br/>PLIVEANIMAL(3.0),<br/>PLOGS(3.0),<br/>PMEATS(3.0),<br/>PNEWSPRINT(3.0)<br/>FMCSA, USDA, FHWA, EIA, NHTSA, EPA</p> |
|  |  | <p>FMCSA, USDA, FHWA, EIA, NHTSA</p>   |
|  |  | <p>FMCSA, USDA, FHWA, EIA, NHTSA</p>   |

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|  |  | FMCSA, USDA, FHWA, EIA, NHTSA |
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Published table in 2002

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2a. VEHICLE ACQUISITION

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2a. LEASE  
CHARACTERISTIC

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2a. LEASE  
CHARACTERISTIC

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2a. LEASE  
CHARACTERISTIC

2a. LEASE  
CHARACTERISTIC

2a. LEASE  
CHARACTERISTIC

2a. BODY TYPE, Single-unit trucks



2a. TRUCK TYPE AND AXLE ARRANGEMENT, Single-unit trucks and truck-tractor without trailer, Driving axles

new question

2a. TRUCK TYPE AND AXLE ARRANGEMENT, Driving axles

2a. TRUCK TYPE AND AXLE ARRANGEMENT, Total liftable axles and location

2a. TRUCK TYPE AND  
AXLE ARRANGEMENT,  
Total liftable axles and  
location

2a. TRUCK TYPE AND  
AXLE ARRANGEMENT,  
Total liftable axles and  
number of braking axles

2a. EQUIPMENT TYPE,  
Braking system

2a. CAB TYPE

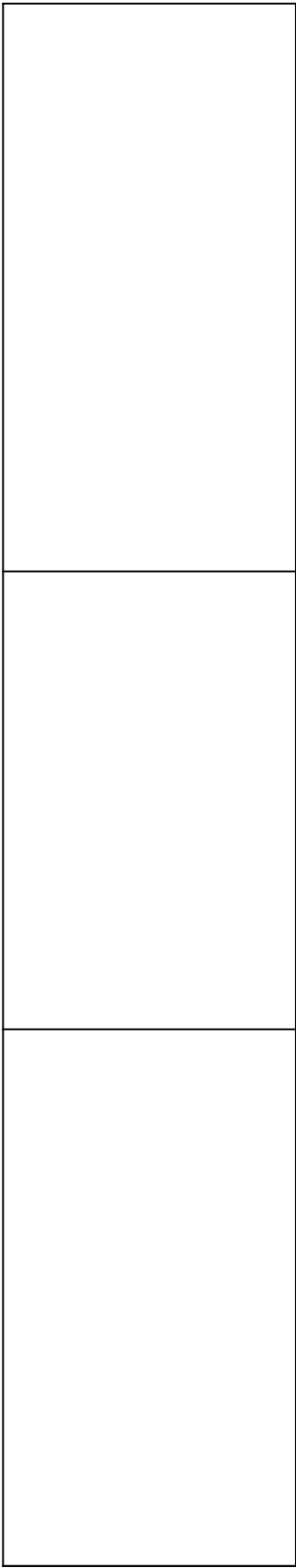
2a. CAB TYPE

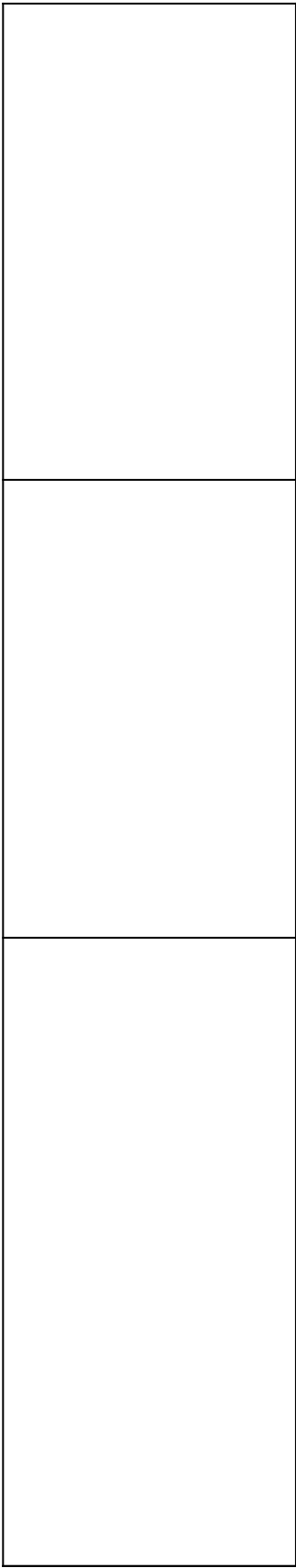
new question

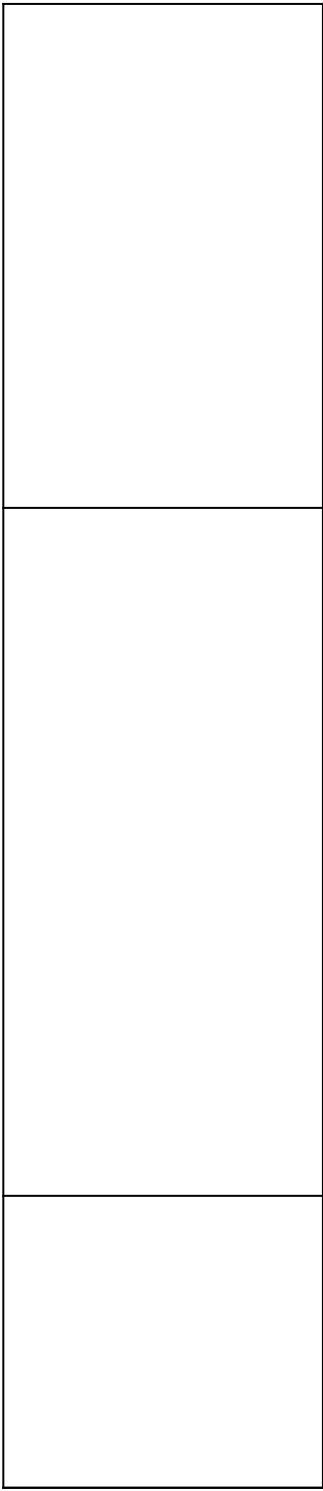
2a. EQUIPMENT TYPE,  
Transmission type

new question

2a. EQUIPMENT TYPE







new question

2a. MONTHS OPERATED



2a. MONTHS OPERATED

old question, not in pub  
table

old question, not in pub  
table

old question, not in pub  
table

2 a. ANNUAL MILES

new question

2a. MILES PER GALLON

new question

2a. PRIMARY  
JURISDICTION

2a. PRIMARY RANGE OF  
OPERATION

|   |
|---|
| new question                                |
|   |
|   |
| 2a. FUEL TYPE AND<br>ENGINE SIZE, Fuel type |

2a. REFUELING LOCATION

2a. MAINTENANCE,  
General maintenance  
performed by

new question

2a. MAINTENANCE,  
Extensive repairs  
performed by

2a. MAINTENANCE,  
Extensive repairs  
performed by

new question

new question

new question

2a. TRUCK TYPE

2a. AXLE ARRANGEMENT,  
Combinations, Truck-  
tractors with single trailer

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table

old question, not in pub  
table



2a. AXLE ARRANGEMENT,  
Combinations, Truck-  
tractors with double  
trailers

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table

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table

old question, not in pub  
table

2a. AXLE ARRANGEMENT,  
Combinations, Truck-  
tractors with triple trailers

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table

old question, not in pub  
table

old question, not in pub  
table

old question, not in pub  
table

2a. BODY TYPE, Truck-  
tractors, Truck-tractors

new question

2a. TOTAL LENGTH(FEET)

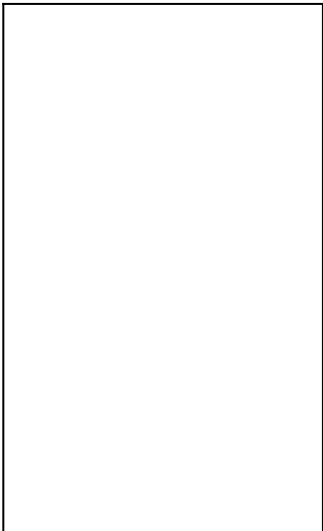
2a. AVERAGE  
WEIGHT(POUNDS)

2a. AVERAGE  
WEIGHT(POUNDS)

new question

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| new question |
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2a. BUSINESS(1)



2a. PRIMARY OPERATOR CLASSIFICATION

2a. PRIMARY OPERATOR CLASSIFICATION, For-hire characteristics, Type of carrier

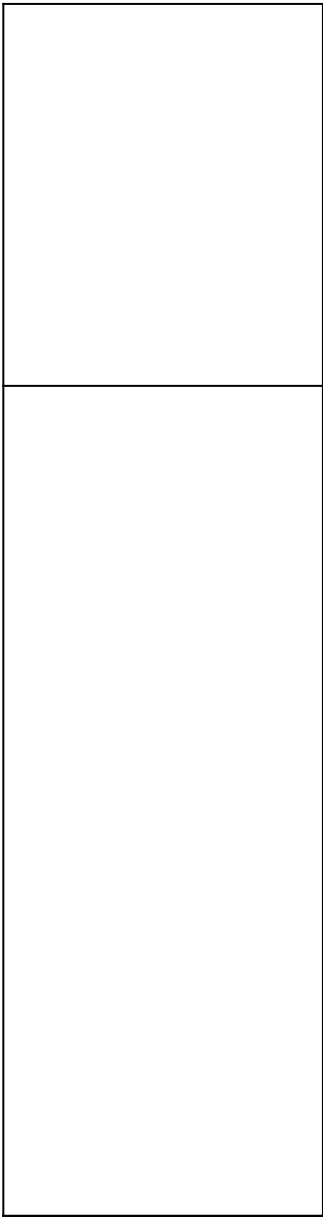
2a. PRIMARY OPERATOR  
CLASSIFICATION, For-hire  
characteristics, Type of  
service

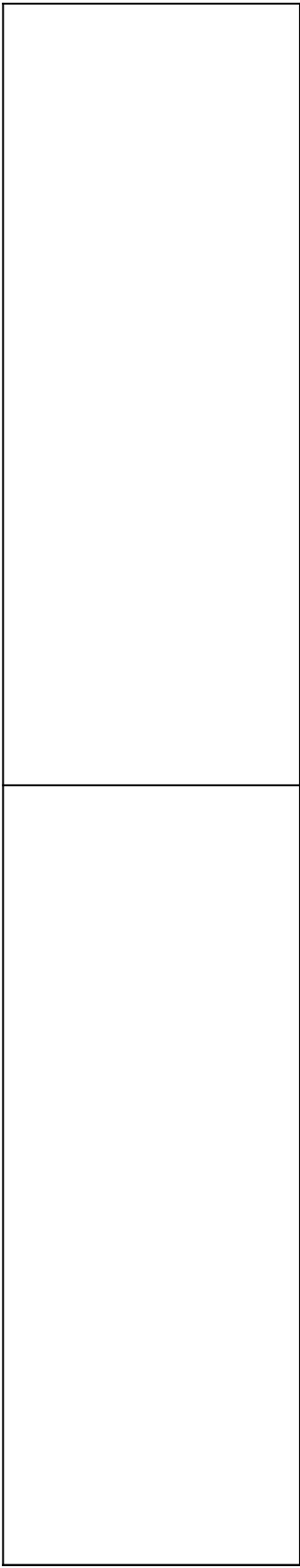
2a. PRIMARY OPERATOR  
CLASSIFICATION, For-hire  
characteristics, Source of  
hauls

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table

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table







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| new question |
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