

# Large Entity Fleet Reporting

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STATEWIDE AGGREGATED DATA

California Air Resources Board

# Contents

- Background ..... 3
- General Entity Information ..... 5
  - 1. Are you a government agency? ..... 5
  - 2. Do you have broker authority under the Federal Motor Carrier Safety Administration? ..... 5
  - 3. Do you have a written sustainability plan to reduce your carbon footprint? ..... 6
  - 4. Does your sustainability plan include emission reduction goals?..... 6
  - 5. What year of data did you use to respond to the survey? ..... 6
  - 6. If you are a non-governmental agency, what was your total 2020 annual revenue in the U.S.?..... 7
  - 7. What is the number of entities with whom you had a contract to deliver items or perform work in California in 2019 or 2020 (using vehicles over 8,500 lbs. GVWR) to serve your customers while representing your entity's brand? ..... 7
  - 8. What is the number of subhaulers you contracted with in California to transport goods or other property? ..... 8
  - 9. What number of subhauler vehicles operated on your behalf in California? ..... 8
  - 10. What are the number of subhauler vehicles that operated under your motor carrier authority in California? ..... 9
- Home Base Facility Information ..... 10
  - 11. Identify the type of facility for each home base facility location..... 10
  - 12. Is the facility leased or owned by the reporting entity?..... 11
  - 13. Is there refueling infrastructure installed at the facility? ..... 11
  - 14. What types of trailers are pulled associated with each facility?..... 11
- Vehicle Information ..... 13
  - 15. What is the body type for each vehicle reported?..... 13
  - 16. What fuel type is associated with each vehicle body type? ..... 16
  - 17. What is the weight class for your reported vehicles?..... 16

|     |   |    |
|-----|---|----|
| 18. | What is the estimated daily mileage for each reported vehicle? .....  | 16 |
| 19. | Do your vehicles typically return to their home base facility on a daily basis? .....   | 17 |
| 20. | Do your vehicles fuel at their home base facility as a primary means of fueling? .....  | 17 |
| 21. | Do your vehicles have a predictable usage pattern? .....  | 18 |
| 22. | What is the highest approximate percent the vehicle group that was dispatched at the same time over the last 3 years on the behalf of a local, state, or federal government to support an emergency operation such as repairing or preventing damage to roads, buildings, terrain, and infrastructure as a result of an earthquake, flood, storm, fire, terrorism, or other infrequent acts of nature?..... | 18 |
| 23. | Do the vehicles in this group stay within approximately 50 miles of the home base on a given typical day?.....  | 19 |
| 24. | Do your vehicles tow a trailer more than 100 miles per day? .....   | 20 |
| 25. | Do your vehicles commonly operate at their weight limit?.....   | 20 |
| 26. | Are your vehicles registered outside of California? .....   | 21 |
| 27. | Are your vehicles regularly parked at the home base more than 8 hours each day? .....   | 21 |
| 28. | Are your vehicles equipped with onboard global positions systems (GPS) or other form of electronic mileage tracking? .....  | 22 |
| 29. | Vehicles reported as being equipped with all-wheel drive .....  | 22 |
| 30. | Are your vehicles not being operated or are they being used as back-up vehicles? .....  | 22 |
| 31. | What are the vehicle's average annual miles?.....   | 23 |
| 32. | Typically, how many years after purchase or lease are your vehicles kept?.....  | 24 |
| 33. | Are you the vehicle owner or are you dispatching the reported vehicles under your brokerage authority? .....  | 24 |

## Background

The California Air Resources Board (CARB) adopted the Advanced Clean Trucks regulation in June 2020 which had a one-time reporting requirement for government fleets and large entities that operate or dispatch vehicles with a manufacturer's gross vehicle weight rating (GVWR) greater than 8,500 lbs. in California. These vehicles include medium-duty vehicles like vans and  $\frac{3}{4}$ -ton pickups such as the F250 or Ram 2500 and heavier vehicles of all fuel types.

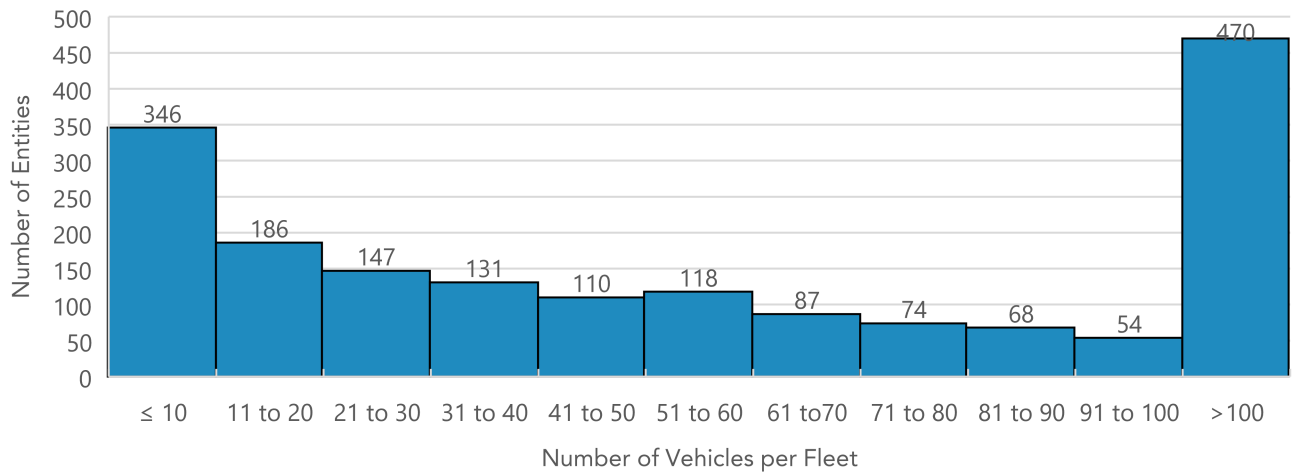
Large entities (fleet owners, businesses, government agencies, municipalities, brokers, etc.) had to report information about their vehicles if, in 2019, they operated a facility in California and met any of the following criteria:

- Had more than \$50 million in revenues in the 2019 tax year from all related subsidiaries, subdivisions, or branches, and have at least one vehicle; or
- Owned 50 or more vehicles in 2019; or
- Dispatched 50 or more vehicles into or throughout California in 2019; or
- Government agencies (federal, state, local, and municipalities) with at least one vehicle in 2019.

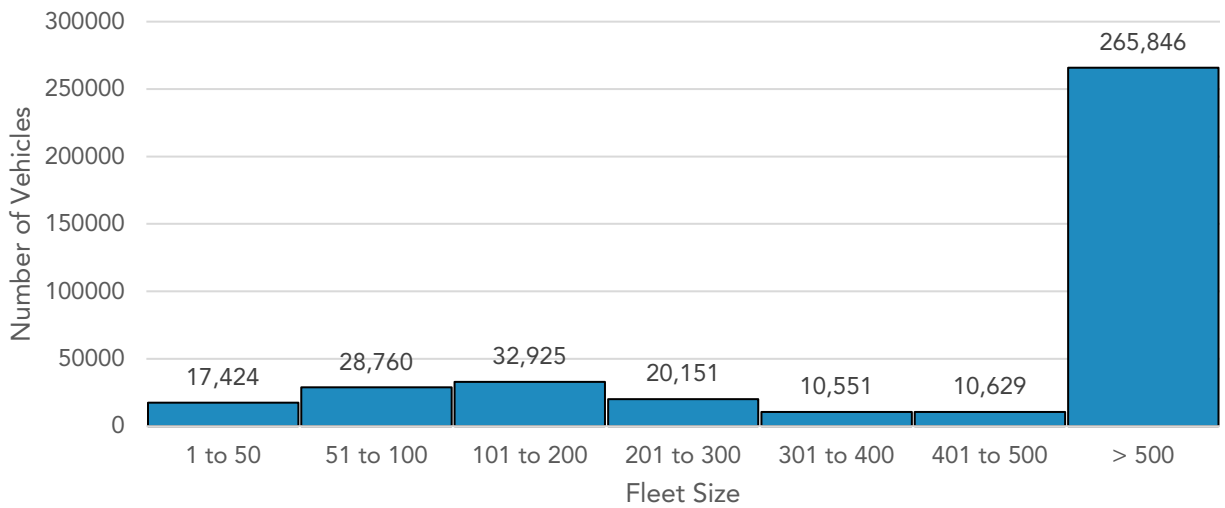
Reporting consisted of three main sections and most questions had responses to select from. If an entry was made that was not included in the list of responses, it was categorized as an "invalid response." Staff cleaned up some of the data by identifying potential discrepancies and following up with respondents. The aggregated statewide results are shown in the tables below. The tables include the question asked in the survey, the bins of information to choose from, and the responses provided. Some survey questions allowed for multiple responses and are identified after each question.

A total of 1,866 entities reported, consisting of 7,767 facilities, for a total of 386,286 vehicles. The following histograms show fleet size distribution and number of vehicles per facility.

### Fleet Size Distribution By Entity



### Number of Vehicles by Fleet Size



## General Entity Information

This section focused on information and questions about the reporting entity. This part of the reporting included information like the entity name, contact person information, fleet owner, operating authority, annual revenue, and sustainability plans. This section includes information on motor carriers and brokers who had to provide information such as the number of subhaulers and vehicles operated by subhaulers.

### 1. Are you a government agency?

| Category                | Number of Entities | Percent Total Entities | Number of Total Associated Vehicles | Percent Total Associated Vehicles |
|-------------------------|--------------------|------------------------|-------------------------------------|-----------------------------------|
| Federal                 | 217                | 12%                    | 36,656                              | 9%                                |
| State/Local             | 474                | 25%                    | 50,499                              | 13%                               |
| Not a government agency | 1,170              | 63%                    | 296,643                             | 77%                               |
| Invalid responses       | 5                  | 0.27%                  | 2,486                               | 1%                                |
| Total                   | 1,866              | 100%                   | 386,286                             | 100%                              |

### 2. Do you have broker authority under the Federal Motor Carrier Safety Administration?

| Broker Authority                | Number of Entities | Percent Total Entities |
|---------------------------------|--------------------|------------------------|
| FMCSA brokerage authority       | 167                | 9%                     |
| Do not have brokerage authority | 1,486              | 80%                    |
| No response                     | 208                | 11%                    |
| Invalid responses               | 5                  | 0%                     |
| Total                           | 1,866              | 100%                   |

**3. Do you have a written sustainability plan to reduce your carbon footprint?**

| Sustainability Plan | Number of Entities | Percent Total Entities |
|---------------------|--------------------|------------------------|
| Yes                 | 540                | 29%                    |
| No                  | 1,169              | 63%                    |
| No response         | 157                | 8%                     |
| Total               | 1,866              | 100%                   |

**4. Does your sustainability plan include emission reduction goals?**

| Emission Reduction Goals | Number of Entities | Percent Total Entities |
|--------------------------|--------------------|------------------------|
| Yes                      | 462                | 25%                    |
| No or N/A                | 1,214              | 65%                    |
| No response              | 190                | 10%                    |
| Total                    | 1,866              | 100%                   |

**5. What year of data did you use to respond to the survey?**

| Data Year         | Number of Entities | Percent Total Entities |
|-------------------|--------------------|------------------------|
| 2019 Data         | 128                | 7%                     |
| 2020 Data         | 522                | 28%                    |
| 2021 Data         | 117                | 6%                     |
| Combined          | 851                | 46%                    |
| No response       | 227                | 12%                    |
| Invalid responses | 21                 | 1%                     |
| Total             | 1,866              | 100%                   |

**6. If you are a non-governmental agency, what was your total 2020 annual revenue in the U.S.?**

Public fleets did not have to respond to this question and are not included in these totals.

| Total Annual Revenue (millions of dollars) | Number of Reporting Entities | Percent Total Reporting Entities | Number of Vehicles | Percent Total Vehicles |
|--|------------------------------|----------------------------------|--------------------|------------------------|
| Less than \$10                             | 112                          | 10%                              | 13,531             | 5%                     |
| \$10-\$49                                  | 230                          | 20%                              | 17,762             | 6%                     |
| \$50-\$99                                  | 187                          | 16%                              | 13,764             | 5%                     |
| \$100-\$499                                | 257                          | 22%                              | 32,954             | 11%                    |
| \$500-\$999                                | 69                           | 6%                               | 23,386             | 8%                     |
| More than \$1000                           | 193                          | 16%                              | 170,800            | 57%                    |
| No response                                | 116                          | 10%                              | 24,503             | 8%                     |
| Invalid responses                          | 11                           | 1%                               | 2,431              | 1%                     |
| Total                                      | 1,175                        | 100%                             | 299,131            | 100%                   |

**7. What is the number of entities with whom you had a contract to deliver items or perform work in California in 2019 or 2020 (using vehicles over 8,500 lbs. GVWR) to serve your customers while representing your entity's brand?**

This question only applied to agreements where the reporting entity hired another company and their vehicle displayed the reporting entity's exact brand or logo to either pick-up and deliver items on the reporting entity's behalf, or to perform work for the reporting entity's clients or customers. This question did not apply to other types of contracts where the companies are operating under their own brands or are not affiliated with the reporting entity. Public fleets have been excluded from these totals.

| Number of Contracted Entities | Number of Reporting Entities | Percent Total Reporting Entities |
|-------------------------------|------------------------------|----------------------------------|
| 1-10                          | 142                          | 12%                              |
| 11-20                         | 42                           | 4%                               |
| 20-50                         | 57                           | 5%                               |



| Number of Contracted Entities | Number of Reporting Entities | Percent Total Reporting Entities |
|-------------------------------|------------------------------|----------------------------------|
| More than 50                  | 160                          | 14%                              |
| Does not apply                | 662                          | 56%                              |
| No response                   | 112                          | 10%                              |
| Total                         | 1,175                        | 100%                             |

**8. What is the number of subhaulers you contracted with in California to transport goods or other property?**

This question applied to the number of for-hire motor carriers and how many subhaulers they contracted with. The totals reflect the number of reporting entities and not the number of subhaulers. This question did not apply contracts where the reporting entity did not determine how the delivery was made. Public fleets have been excluded from these totals.

| Number of Subhaulers | Number of Reporting Entities | Percent Total Reporting Entities |
|----------------------|------------------------------|----------------------------------|
| 1-10                 | 20                           | 14%                              |
| 11-20                | 9                            | 6%                               |
| 20-50                | 25                           | 17%                              |
| More than 50         | 28                           | 19%                              |
| Does not apply       | 57                           | 39%                              |
| No response          | 6                            | 4%                               |
| Total                | 145                          | 100%                             |

**9. What number of subhauler vehicles operated on your behalf in California?**

This question applied to the number of for-hire motor carriers who responded to the number of vehicles used by their subhaulers. This question did not apply to contracts where the reporting entity did not determine how the delivery was made. Public fleets have been excluded from these totals.

| Number of Subhauler Vehicles | Number of Reporting Entities | Percent Total Reporting Entities |
|------------------------------|------------------------------|----------------------------------|
| 1-10                         | 8                            | 6%                               |
| 11-20                        | 7                            | 5%                               |
| 20-99                        | 30                           | 21%                              |
| 100-500                      | 21                           | 14%                              |
| More than 500                | 12                           | 8%                               |
| Does not apply               | 57                           | 39%                              |
| No response                  | 10                           | 7%                               |
| Total                        | 145                          | 100%                             |

**10. What are the number of subhauler vehicles that operated under your motor carrier authority in California?**

This question applied to for-hire motor carriers and the number of vehicles used by their subhaulers. Public fleets are not included in these totals.

| Number of Subhauler Vehicles | Number of Reporting Entities | Percent Total Reporting Entities |
|------------------------------|------------------------------|----------------------------------|
| 1-10                         | 4                            | 3%                               |
| 11-20                        | 7                            | 5%                               |
| 20-99                        | 8                            | 6%                               |
| 100-500                      | 8                            | 6%                               |
| More than 500                | 6                            | 4%                               |
| Does not apply               | 104                          | 72%                              |
| No response                  | 8                            | 6%                               |
| Total                        | 145                          | 100%                             |

## Home Base Facility Information

This section is about the vehicle home base facility and the information to be reported about that facility. The “home base” is the location where a vehicle is domiciled, or a business location where a vehicle is typically kept when not in use. The type of facility was selected from a predetermined list shown in the table.

### 11. Identify the type of facility for each home base facility location

| Type of Facility               | Number of Home Base Facilities | Percent Total Home Base Facilities | Number of Associated Vehicles | Percent Total Vehicles |
|--------------------------------|--------------------------------|------------------------------------|-------------------------------|------------------------|
| Administrative/office building | 835                            | 11%                                | 43,578                        | 11%                    |
| Distribution center/warehouse  | 1,147                          | 15%                                | 31,258                        | 8%                     |
| Hotel/motel/resort             | 9                              | 0.12%                              | 267                           | 0.07%                  |
| Manufacturer/factory/plant     | 706                            | 9%                                 | 14,355                        | 4%                     |
| Medical/hospital/care          | 99                             | 1%                                 | 1,033                         | 0.27%                  |
| Multi-building campus/base     | 466                            | 6%                                 | 32,943                        | 9%                     |
| Restaurant                     | 0                              | 0%                                 | 0                             | 0%                     |
| Service center                 | 770                            | 10%                                | 44,865                        | 12%                    |
| Store                          | 452                            | 6%                                 | 2,644                         | 0.68%                  |
| Truck/equipment yard           | 1,872                          | 24%                                | 101,813                       | 26%                    |
| Any other facility type        | 1,357                          | 17%                                | 37,813                        | 10%                    |
| No response                    | 51                             | 0.66%                              | 75,606                        | 20%                    |
| Invalid responses              | 3                              | 0.04%                              | 111                           | 0.03%                  |
| Total                          | 7,767                          | 100%                               | 386,286                       | 100%                   |

## 12. Is the facility leased or owned by the reporting entity?

| Leased or Owned   | Total Home Base Facility Count | Percent Total Home Base Facilities | Home Base Facilities with Existing Refueling Infrastructure | Percent Total Home Base Facilities with Existing Refueling Infrastructure |
|-------------------|--------------------------------|------------------------------------|---|---|
| Leased            | 3,317                          | 43%                                | 1,158   | 30%   |
| Owned             | 4,313                          | 56%                                | 2,678   | 69%   |
| No response       | 112                            | 1%                                 | 44  | 1%  |
| Invalid responses | 25                             | 0%                                 | 8   | 0.21%   |
| Total facilities  | 7,767                          | 100%                               | 3,888   | 100%  |

## 13. Is there refueling infrastructure installed at the facility?

For this question, more than one option could be chosen for each facility. Therefore, the line-item percentages are calculated dividing the "Facility Count" by 7,767 home base facilities and the facility counts are not totaled at the bottom of this table.

| Refueling Infrastructure Fuel Type | Home Base Facility Count | Percent of Total Home Base Facilities |
|------------------------------------|--------------------------|---------------------------------------|
| Diesel                             | 3,272                    | 42%                                   |
| Gasoline                           | 2,166                    | 28%                                   |
| Natural gas                        | 532                      | 7%                                    |
| Electricity for charging           | 763                      | 10%                                   |
| Hydrogen                           | 194                      | 2%                                    |
| Other                              | 378                      | 5%                                    |
| Not applicable                     | 3,568                    | 46%                                   |
| No response                        | 126                      | 2%                                    |
| Invalid responses                  | 350                      | 5%                                    |

## 14. What types of trailers are pulled associated with each facility?

For this question, more than one trailer type could be chosen for each facility and the results cannot be associated with the number or type of vehicles at each home base. Therefore, the line-item percentages are calculated dividing the "Facility Count" by 7,767 home base facilities and the facility counts are not totaled at the bottom of this table.

| Trailers Pulled     | Number of Home Base Facilities | Percent Home Base Facilities |
|---------------------|--------------------------------|------------------------------|
| Not Pulling Trailer | 3,400                          | 44%                          |
| Flatbed             | 1,972                          | 25%                          |
| Other               | 1,373                          | 18%                          |
| Van-Dry             | 1,145                          | 15%                          |
| Low Bed             | 682                            | 9%                           |
| Tanker              | 631                            | 8%                           |
| Invalid responses   | 571                            | 7%                           |
| Van-Reefer          | 434                            | 6%                           |
| No response         | 338                            | 4%                           |
| Shipping Container  | 232                            | 3%                           |
| Curtain Side        | 157                            | 2%                           |

## Vehicle Information

This section is about the vehicles associated with each home base facility and how they are used. All on-road vehicles with a GVWR >8,500 lbs. and off-road yard trucks regardless of fuel type or use were included in this section. Vehicles were grouped by body type, fuel type, and weight class bin for each home base location.

### 15. What is the body type for each vehicle reported?

The following data has been split into two tables to separate public fleet data from fleets that could be subject to the proposed ACF regulation high priority and federal fleet requirement. The data is categorized by Group 1, Group 2, and Group 3 for body type, consistent with the proposed ACF regulation for high priority and federal fleets (as of 9/16/2021).

| Body Type<br>(excluding public fleets) | Number of<br>Owned<br>Vehicles | Number of<br>Dispatched<br>Vehicles | Did Not<br>Specify | Total Vehicle<br>Count | Percent Total<br>Vehicles |
|--|--------------------------------|-------------------------------------|--------------------|------------------------|---------------------------|
| Beverage Truck                         | 210                            | 0                                   | 0                  | 210                    | 0.07%                     |
| Box Reefer                             | 6,981                          | 406                                 | 100                | 7,487                  | 3%                        |
| Box Dry Van                            | 14,329                         | 8,574                               | 123                | 23,026                 | 8%                        |
| Bus-Shuttle                            | 1,065                          | 138                                 | 98                 | 1,301                  | 0.43%                     |
| Bus-Other                              | 345                            | 66                                  | 0                  | 411                    | 0.14%                     |
| On-Road Yard Tractor                   | 522                            | 20                                  | 37                 | 579                    | 0.19%                     |
| Off-Road Yard Tractor                  | 3,497                          | 126                                 | 276                | 3,899                  | 1%                        |
| Van-Cargo                              | 10,770                         | 27                                  | 28                 | 10,825                 | 4%                        |
| Van-Step                               | 2,752                          | 0                                   | 47                 | 2,799                  | 1%                        |
| Van-Passenger                          | 2,040                          | 11                                  | 9                  | 2,060                  | 1%                        |
| ACF Group 1 Subtotal                   | 42,511                         | 9,368                               | 718                | 52,597                 | 18%                       |
| Boom/Bucket                            | 4,926                          | 8                                   | 11                 | 4,945                  | 2%                        |
| Dump                                   | 4,664                          | 2,959                               | 9                  | 7,632                  | 3%                        |
| Flatbed or Stake Bed                   | 11,174                         | 310                                 | 55                 | 11,539                 | 4%                        |
| Garbage Front Loader                   | 992                            | 0                                   | 2                  | 994                    | 0.33%                     |
| Garbage Packer                         | 3,706                          | 0                                   | 0                  | 3,706                  | 1%                        |
| Garbage Roll-Off                       | 1,747                          | 0                                   | 2                  | 1,749                  | 1%                        |
| Garbage Side Loader                    | 1,911                          | 0                                   | 0                  | 1,911                  | 1%                        |
| Pickup Bed                             | 15,614                         | 180                                 | 212                | 16,006                 | 5%                        |

| Body Type<br>(excluding public fleets) | Number of<br>Owned<br>Vehicles | Number of<br>Dispatched<br>Vehicles | Did Not<br>Specify | Total Vehicle<br>Count | Percent Total<br>Vehicles |
|--|--------------------------------|-------------------------------------|--------------------|------------------------|---------------------------|
| Service Body                           | 16,698                         | 131                                 | 121                | 16,950                 | 6%                        |
| Sweeper                                | 288                            | 1                                   | 2                  | 291                    | 0.10%                     |
| Tank                                   | 2,399                          | 0                                   | 10                 | 2,409                  | 1%                        |
| Tractor Day Cab                        | 32,551                         | 70,852                              | 264                | 103,667                | 35%                       |
| Tow                                    | 93                             | 23                                  | 6                  | 122                    | 0%                        |
| Water                                  | 1,730                          | 0                                   | 4                  | 1,734                  | 1%                        |
| ACF Group 2 Subtotal                   | 98,493                         | 74,464                              | 698                | 173,655                | 58%                       |
| Car Carrier                            | 483                            | 2                                   | 0                  | 485                    | 0.16%                     |
| Concrete Mixer                         | 3,070                          | 0                                   | 0                  | 3,070                  | 1%                        |
| Concrete Pump                          | 125                            | 0                                   | 0                  | 125                    | 0.04%                     |
| Crane                                  | 1,308                          | 0                                   | 3                  | 1,311                  | 0.44%                     |
| Drill Rig                              | 281                            | 2                                   | 0                  | 283                    | 0.09%                     |
| Tractor Sleeper Cab                    | 27,168                         | 12,602                              | 80                 | 39,850                 | 13%                       |
| Vacuum                                 | 549                            | 0                                   | 261                | 810                    | 0.27%                     |
| ACF Group 3 Subtotal                   | 32,984                         | 12,606                              | 344                | 45,934                 | 15%                       |
| Other                                  | 8,049                          | 18,385                              | 420                | 26,854                 | 9%                        |
| Invalid responses                      | 91                             | 0                                   | 0                  | 91                     | 0.03%                     |
| Total vehicles                         | 182,128                        | 114,823                             | 2,180              | 299,131                | 100%                      |

| Body Type<br>(public fleets only) | Number of<br>Owned<br>Vehicles | Number of<br>Dispatched<br>Vehicles | Did Not<br>Specify | Total Vehicle<br>Count | Percent Total<br>Vehicles |
|-----------------------------------|--------------------------------|-------------------------------------|--------------------|------------------------|---------------------------|
| Beverage Truck                    | 6                              | 178                                 | 89                 | 273                    | 0.31%                     |
| Box Reefer                        | 195                            | 0                                   | 66                 | 261                    | 0%                        |
| Box Dry Van                       | 924                            | 8                                   | 122                | 1,054                  | 1%                        |
| Bus-Shuttle                       | 874                            | 20                                  | 25                 | 919                    | 1.05%                     |
| Bus-Other                         | 1,975                          | 12                                  | 50                 | 2,037                  | 2.34%                     |
| On-Road Yard Tractor              | 91                             | 0                                   | 8                  | 99                     | 0.11%                     |
| Off-Road Yard Tractor             | 190                            | 1                                   | 0                  | 191                    | 0%                        |
| Van-Cargo                         | 3,515                          | 2,518                               | 1,750              | 7,783                  | 9%                        |
| Van-Step                          | 546                            | 181                                 | 104                | 831                    | 1%                        |
| Van-Passenger                     | 2,973                          | 1,488                               | 967                | 5,428                  | 6%                        |

| Body Type<br>(public fleets only) | Number of<br>Owned<br>Vehicles | Number of<br>Dispatched<br>Vehicles | Did Not<br>Specify | Total Vehicle<br>Count | Percent Total<br>Vehicles |
|-----------------------------------|--------------------------------|-------------------------------------|--------------------|------------------------|---------------------------|
| ACF Group 1 Subtotal              | 11,289                         | 4,406                               | 3,181              | 18,876                 | 22%                       |
| Boom/Bucket                       | 1,593                          | 2                                   | 43                 | 1,638                  | 2%                        |
| Dump                              | 4,869                          | 18                                  | 111                | 4,998                  | 6%                        |
| Flatbed or Stake Bed              | 4,576                          | 376                                 | 360                | 5,312                  | 6%                        |
| Garbage Front Loader              | 281                            | 0                                   | 1                  | 282                    | 0.32%                     |
| Garbage Packer                    | 430                            | 0                                   | 3                  | 433                    | 0%                        |
| Garbage Roll-Off                  | 189                            | 0                                   | 0                  | 189                    | 0%                        |
| Garbage Side Loader               | 1,523                          | 0                                   | 0                  | 1,523                  | 2%                        |
| Pickup Bed                        | 12,000                         | 5,067                               | 3,284              | 20,351                 | 23%                       |
| Service Body                      | 13,581                         | 1,732                               | 1,879              | 17,192                 | 20%                       |
| Sweeper                           | 736                            | 3                                   | 3                  | 742                    | 0.85%                     |
| Tank                              | 540                            | 0                                   | 0                  | 540                    | 1%                        |
| Tractor Day Cab                   | 1,998                          | 34                                  | 84                 | 2,116                  | 2%                        |
| Tow                               | 257                            | 0                                   | 4                  | 261                    | 0%                        |
| Water                             | 523                            | 1                                   | 9                  | 533                    | 1%                        |
| ACF Group 2 Subtotal              | 43,096                         | 7,233                               | 5,781              | 56,110                 | 64%                       |
| Car Carrier                       | 41                             | 1                                   | 0                  | 42                     | 0.05%                     |
| Concrete Mixer                    | 119                            | 0                                   | 0                  | 119                    | 0%                        |
| Concrete Pump                     | 0                              | 0                                   | 0                  | 0                      | 0.00%                     |
| Crane                             | 509                            | 0                                   | 11                 | 520                    | 0.60%                     |
| Drill Rig                         | 84                             | 0                                   | 0                  | 84                     | 0.10%                     |
| Tractor Sleeper Cab               | 296                            | 403                                 | 0                  | 699                    | 1%                        |
| Vacuum                            | 773                            | 2                                   | 5                  | 780                    | 0.89%                     |
| ACF Group 3 Subtotal              | 1,822                          | 406                                 | 16                 | 2,244                  | 3%                        |
| Other                             | 3,348                          | 4,314                               | 2,263              | 9,925                  | 11%                       |
| Invalid responses                 | 0                              | 0                                   | 0                  | 0                      | 0.00%                     |
| Total Vehicles                    | 59,555                         | 16,359                              | 11,241             | 87,155                 | 100%                      |



**16. What fuel type is associated with each vehicle body type?**

| Fuel Type         | Number Tractor Day Cab | Number Sleeper Cab Tractor | Number All Other Vehicles | Percent Total Vehicles |
|-------------------|------------------------|----------------------------|---------------------------|------------------------|
| Diesel            | 104,397                | 40,520                     | 113,096                   | 67%                    |
| Gasoline          | 214                    | 0                          | 104,730                   | 27%                    |
| Natural gas       | 912                    | 29                         | 10,147                    | 3%                     |
| Electricity       | 38                     | 0                          | 386                       | 0.11%                  |
| Hydrogen          | 0                      | 0                          | 22                        | 0.01%                  |
| Other             | 89                     | 0                          | 3,047                     | 1%                     |
| Invalid responses | 133                    | 0                          | 8,526                     | 2%                     |
| Total vehicles    | 105,783                | 40,549                     | 239,954                   | 100%                   |

**17. What is the weight class for your reported vehicles?**

| Weight Class                   | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number of Other Vehicles per Weight Class | Percent Total Other Vehicles |
|--------------------------------|------------------------|------------------------|----------------------------|----------------------------|---|------------------------------|
| Class 2b-3 (8,501 - 14,000lbs) | 113                    | 0%                     | 0                          | 0%                         | 98,335                                    | 41%                          |
| Class 4-6 (14,001 - 26,000lbs) | 1,186                  | 1%                     | 124                        | 0.31%                      | 55,374                                    | 23%                          |
| Class 7-8 (Over 26,000lbs)     | 104,483                | 99.69%                 | 40,425                     | 99%                        | 76,723                                    | 32%                          |
| No response                    | 1                      | 0%                     | 0                          | 0%                         | 9,121                                     | 4%                           |
| Invalid responses              | 0                      | 0%                     | 0                          | 0%                         | 401                                       | 0%                           |
| Total vehicles                 | 105,783                | 100%                   | 40,549                     | 100%                       | 239,954                                   | 100%                         |

**18. What is the estimated daily mileage for each reported vehicle?**

Responses are reported to the nearest 10 percent for each mileage bin. The table provides numbers for owned vehicles, as this question did not apply to brokers that do not own the vehicles being dispatched.

| Estimated Daily Mileage | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number of Other Vehicles per Weight Class | Percent Total Other Vehicles |
|-------------------------|------------------------|------------------------|----------------------------|----------------------------|---|------------------------------|
| Operate up to 100 miles | 10,718                 | 31%                    | 1,322                      | 5%                         | 133,376                                   | 78%                          |
| 101 to 150 miles        | 6,183                  | 18%                    | 832                        | 3%                         | 20,941                                    | 12%                          |
| 151 to 200 miles        | 4,598                  | 13%                    | 1,600                      | 6%                         | 6,507                                     | 4%                           |
| 201 to 300 miles        | 5,372                  | 16%                    | 3,887                      | 14%                        | 3,573                                     | 2%                           |
| Over 300 miles          | 7,514                  | 22%                    | 19,756                     | 72%                        | 6,681                                     | 4%                           |
| Total                   | 34,385                 | 100%                   | 27,397                     | 100%                       | 171,078                                   | 100%                         |

**19. Do your vehicles typically return to their home base facility on a daily basis?**

The responses are reported to the nearest 10 percent for each vehicle group for owned vehicles. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category. The tables below do not include invalid responses provided for this question.

| Vehicles Typically Return | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|---------------------------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes                       | 31,371                 | 91%                    | 27,157                     | 99%                        | 102,870                   | 57%                          |
| No                        | 3,178                  | 9%                     | 307                        | 1%                         | 76,800                    | 43%                          |
| Total                     | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

**20. Do your vehicles fuel at their home base facility as a primary means of fueling?**

The responses are reported to the nearest 10 percent for each vehicle group for owned vehicles. It did not apply to brokers that do not own the vehicles they dispatch. The number of vehicles in the yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Vehicles Fueled at Home Base | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|------------------------------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes                          | 17,279                 | 50%                    | 3,711                      | 15%                        | 86,775                    | 48%                          |
| No                           | 17,270                 | 50%                    | 23,342                     | 85%                        | 92,895                    | 52%                          |
| Total                        | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

## 21. Do your vehicles have a predictable usage pattern?

The responses are reported to the nearest 10 percent for each vehicle group for owned vehicles. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Predictable Usage Pattern | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|---------------------------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes                       | 22,584                 | 65%                    | 11,090                     | 40%                        | 92,850                    | 52%                          |
| No                        | 11,965                 | 35%                    | 16,374                     | 60%                        | 86,820                    | 48%                          |
| Total                     | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

## 22. What is the highest approximate percent the vehicle group that was dispatched at the same time over the last 3 years on the behalf of a local, state, or federal government to support an emergency operation such as repairing or preventing damage to roads, buildings, terrain, and infrastructure as a result of an earthquake, flood, storm, fire, terrorism, or other infrequent acts of nature?

The responses are reported to the nearest 10 percent for each vehicle group. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Largest Emergency Deployment | Number Tractor Day Cab | Number Tractor Sleeper Cab | Number All Other Vehicles |
|------------------------------|------------------------|----------------------------|---------------------------|
| Yes                          | 2,950                  | 512                        | 36,054                    |
| No                           | 102,833                | 40,037                     | 203,900                   |
| Total                        | 105,783                | 40,549                     | 239,954                   |

**23. Do the vehicles in this group stay within approximately 50 miles of the home base on a given typical day?**

Responses in this table is the number of owned vehicles in the category for which a "yes" answer was provided. It did not apply to brokers that do not own the vehicles they dispatch.

| Body Type             | Vehicles that typically stay within 50 miles | Vehicles that typically don't stay within 50 miles | N/A   | Total vehicles |
|-----------------------|--|--|-------|----------------|
| Beverage Truck        | 169  | 47   | 0     | 216            |
| Boom/Bucket           | 4,411  | 1,920  | 188   | 6,519          |
| Box Dry Van           | 7,634  | 3,847  | 3,772 | 15,253         |
| Box Reefer            | 699  | 5,576  | 901   | 7,176          |
| Box Truck             | 0  | 0  | 53    | 53             |
| Bus-Other             | 1,937  | 376  | 7     | 2,320          |
| Bus-Shuttle           | 1,522  | 400  | 17    | 1,939          |
| Car Carrier           | 39   | 481  | 4     | 524            |
| Concrete Mixer        | 2,544  | 586  | 59    | 3,189          |
| Concrete Pump         | 59   | 62   | 4     | 125            |
| Crane                 | 1,094  | 701  | 22    | 1,817          |
| Drill Rig             | 249  | 112  | 4     | 365            |
| Dump                  | 7,285  | 2,092  | 156   | 9,533          |
| Flatbed or Stake Bed  | 10,470                                       | 4,454  | 826   | 15,750         |
| Garbage Front Loader  | 1,237  | 36   | 0     | 1,273          |
| Garbage Packer        | 4,111  | 21   | 4     | 4,136          |
| Garbage Roll-Off      | 1,749  | 159  | 28    | 1,936          |
| Garbage Side Loader   | 3,301  | 133  | 0     | 3,434          |
| Off-Road Yard Tractor | 2,732  | 217  | 738   | 3,687          |
| On-Road Yard Tractor  | 441  | 54   | 118   | 613            |
| Other                 | 9,089  | 1,885  | 370   | 11,344         |

| Body Type           | Vehicles that typically stay within 50 miles | Vehicles that typically don't stay within 50 miles | N/A    | Total vehicles |
|---------------------|--|--|--------|----------------|
| Pickup Bed          | 19,177                                       | 7,996  | 441    | 27,614         |
| Service Body        | 20,173                                       | 9,671  | 435    | 30,279         |
| Sweeper             | 953  | 49   | 22     | 1,024          |
| Tank                | 1,400  | 1,407  | 132    | 2,939          |
| Tow                 | 292  | 58   | 0      | 350            |
| Tractor Day Cab     | 7,120  | 24,258   | 3,171  | 34,549         |
| Tractor Sleeper Cab | 451  | 26,279   | 734    | 27,464         |
| Vacuum              | 1,226  | 94   | 2      | 1,322          |
| Van-Cargo           | 10,427                                       | 2,904  | 954    | 14,285         |
| Van-Passenger       | 3,897  | 1,017  | 99     | 5,013          |
| Van-Step            | 1,800  | 1,467  | 31     | 3,298          |
| Water               | 1,359  | 852  | 42     | 2,253          |
| Invalid Response    | 91   | 0  | 0      | 91             |
| Total               | 129,138                                      | 99,211   | 13,334 | 241,683        |

## 24. Do your vehicles tow a trailer more than 100 miles per day?

The responses are reported to the nearest 10 percent for owned vehicles in each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 23,211                 | 67%                    | 24,694                     | 90%                        | 9,146                     | 5%                           |
| No     | 11,338                 | 33%                    | 2,770                      | 10%                        | 170,524                   | 95%                          |
| Total  | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

## 25. Do your vehicles commonly operate at their weight limit?

The responses are reported to the nearest 10 percent for owned vehicles each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 18,765                 | 54%                    | 16,019                     | 58%                        | 82,355                    | 46%                          |
| No     | 15,784                 | 46%                    | 11,445                     | 42%                        | 97,315                    | 54%                          |
| Total  | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

## 26. Are your vehicles registered outside of California?

The responses are reported to the nearest 10 percent for each vehicle group. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 13,153                 | 12%                    | 17,095                     | 42%                        | 36,786                    | 15%                          |
| No     | 92,630                 | 88%                    | 23,454                     | 58%                        | 203,168                   | 85%                          |
| Total  | 105,783                | 100%                   | 40,549                     | 100%                       | 239,954                   | 100%                         |

## 27. Are your vehicles regularly parked at the home base more than 8 hours each day?

The responses are reported to the nearest 10 percent for owned vehicles in each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 20,310                 | 59%                    | 2,880                      | 10%                        | 128,926                   | 72%                          |
| No     | 14,239                 | 41%                    | 24,584                     | 90%                        | 50,744                    | 28%                          |
| Total  | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

**28. Are your vehicles equipped with onboard global positions systems (GPS) or other form of electronic mileage tracking?**

The responses are reported to the nearest 10 percent for owned vehicles each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 26,967                 | 78%                    | 2,702                      | 10%                        | 134,890                   | 75%                          |
| No     | 7,582                  | 22%                    | 24,762                     | 90%                        | 44,780                    | 25%                          |
| Total  | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

**29. Vehicles reported as being equipped with all-wheel drive**

The responses are reported to the nearest 10 percent for owned vehicles in each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 1,296                  | 4%                     | 1,593                      | 6%                         | 24,262                    | 14%                          |
| No     | 33,253                 | 96%                    | 25,871                     | 94%                        | 155,408                   | 86%                          |
| Total  | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

**30. Are your vehicles not being operated or are they being used as back-up vehicles?**

The responses are reported to the nearest 10 percent for owned vehicles in each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. The yes or no categories below were determined by multiplying the percent bin by the total number of vehicles in that category.

| Option | Number Tractor Day Cab | Percent Total Day Cabs | Number Tractor Sleeper Cab | Percent Total Sleeper Cabs | Number All Other Vehicles | Percent Total Other Vehicles |
|--------|------------------------|------------------------|----------------------------|----------------------------|---------------------------|------------------------------|
| Yes    | 1,796                  | 5%                     | 339                        | 1%                         | 11,984                    | 7%                           |
| No     | 32,753                 | 95%                    | 27,125                     | 99%                        | 167,686                   | 93%                          |
| Total  | 34,549                 | 100%                   | 27,464                     | 100%                       | 179,670                   | 100%                         |

### 31. What are the vehicle's average annual miles?

| Responses are total number of owned vehicles in each vehicle group. It did not apply to brokers that do not own the vehicles they dispatch. Average Annual Miles | Number Tractor Day Cab | Number Tractor Sleeper Cab | Number All Other Vehicles |
|--|------------------------|----------------------------|---------------------------|
| 5,000 or less  | 886                    | 163                        | 41,979                    |
| 10,000   | 1,806                  | 61                         | 56,753                    |
| 20,000   | 2,846                  | 93                         | 45,058                    |
| 30,000   | 4,139                  | 100                        | 16,534                    |
| 40,000   | 5,010                  | 129                        | 4,467                     |
| 50,000   | 5,261                  | 298                        | 3,231                     |
| 60,000   | 4,008                  | 299                        | 813                       |
| 70,000   | 4,050                  | 923                        | 2,758                     |
| 80,000   | 1,454                  | 599                        | 402                       |
| 90,000   | 1,002                  | 2,231                      | 530                       |
| 100,000  | 886                    | 2,424                      | 767                       |
| More than 100,000  | 2,942                  | 20,144                     | 4,818                     |
| Invalid responses  | 259                    | 0                          | 1,560                     |
| Total  | 34,549                 | 27,464                     | 179,670                   |



**32. Typically, how many years after purchase or lease are your vehicles kept?**

The table provides numbers for owned vehicles. It did not apply to brokers that do not own the vehicles they dispatch.

| Average Years Vehicles are Kept | Number Tractor Day Cab | Number Tractor Sleeper Cab | Number All Other Vehicles |
|---------------------------------|------------------------|----------------------------|---------------------------|
| Less than 4                     | 1,462                  | 22,415                     | 5,590                     |
| 5 to 10                         | 18,888                 | 4,092                      | 68,620                    |
| 11 to 15                        | 12,227                 | 881                        | 70,360                    |
| 16 to 20                        | 1,301                  | 25                         | 22,736                    |
| More than 20                    | 659                    | 51                         | 11,668                    |
| No response                     | 12                     | 0                          | 689                       |
| Total                           | 34,549                 | 27,464                     | 179,663                   |

**33. Are you the vehicle owner or are you dispatching the reported vehicles under your brokerage authority?**

| Vehicle           | Number Tractor Day Cab | Number Tractor Sleeper Cab | Number All Other Vehicles |
|-------------------|------------------------|----------------------------|---------------------------|
| Owner             | 34,549                 | 27,464                     | 179,670                   |
| Broker dispatched | 70,886                 | 13,005                     | 47,291                    |
| Invalid responses | 0                      | 0                          | 541                       |
| No response       | 348                    | 80                         | 12,452                    |
| Total             | 105,783                | 40,549                     | 239,954                   |