

DOCUMENTATION FOR JANUARY 2014 TRUCK COUNTS

Truck counts were derived from October 2013 DMV and January to December 2013 IRP databases. Raw data for this analysis contains confidential information, such as names and addresses. ARB's confidentiality agreement with the Department of Motor Vehicles prohibits release of the raw data. The truck count information in this documentation was derived from queries that grouped individual truck record data by fleets (as discussed in Appendix C). Within fleets, truck counts were also grouped by vehicle model years and weight ratings as needed to be able to assess compliance status. Thus, no individual truck records are provided.

The file '2_CombinedTruckCounts.xlsx' summarizes the results of all the data analysis. These data tables were used to summarize the results in Appendix C. For the in-state trucks, the analysis was conducted by fleet size that was based on unique addresses, as discussed in more detail in Appendix C. The file '3_In-stateComplianceCountEstimates_1TruckFleets.xlsx' includes the analysis and summarizes the results for in-state owner-operators that own a single truck. The files '4_In-stateComplianceCountEstimates_2TruckFleets.xlsx' and '5_In-stateComplianceCountEstimates_3TruckFleets.xlsx' include the analysis and summary results for small fleets of 2 or 3 trucks. And the file '6_In-stateComplianceCountEstimates_LargeFleets.xlsx' includes the analysis and summary results for fleets of 3 or more trucks. The fleet identifier in these files represents a dummy identification code created for the purpose of this analysis.

Regarding NOx Exemptions for in-state fleets, all trucks registered within the designated regions were used to develop a potential upper boundary of the maximum number of trucks that might be able to use this exemption. Since not all of the trucks registered in these regions will be reported for this exemption in TRUCRS to operate solely within these regions, this represents a high boundary level for estimation purposes.

For inter-state trucks, the file '7_Interstate_ComplianceCountEstimates.xlsx' shows the initial summary results. Queries ('8_IRP_Queries.docx') were run on the IRP database to produce these inter-state truck results using the compliance logic per the flow charts provided in the in-state files, excluding NOx exemptions that would only apply to in-state trucks. The 'IRP Truck Counts by Groups' tab shows the summarized truck counts by fleet size, model year and weight rating groupings. Subsequently, a few minor modifications were made in the 'CombinedTruckCounts.xlsx' file to more accurately reflect the most current, proposed rule amendments.