ReadMe for
Statewide Truck and Bus Regulations Emissions Inventory

There are three folders in the inventory documentation package:

- Supporting Materials - this folder contains supporting data/analysis for the inventory.

    o VMT growth revision01302014.xls – VMT growth trends that reflect updated assumptions.
    o Sales revision 01302014.xls – Sales forecast reflecting the VMT growth trend and latest AEO forecast.
    o rule scenario02052014 v2.xlsx – documents the assumptions for fleet turnover and retrofit under the adopted regulation and proposed amendments.
    o GAI for NOx exempt.xlsx – Estimate the percentage of activities eligible for NOx exmept provision in each air basin for adopted regulation and proposed amendments.
    o emfac2011_hd_procedure_ei_rev_code_0210_2014.pdf – EMFAC2011-HD core function source code with revision for improved model year matching.
    o EI summary 02102014.xlsx – Emissions inventory summary for statewide by air basin and fleet for baseline, with adopted regulation and with proposed amendments.
    o Raw DTR.xlsx – Raw engine vs. truck model year data from Drayage Truck Registry demonstrating the miss match
    o 2010&2014 pie charts.xlsx - contains the analysis of the truck contribution to 2010 and 2014 statewide mobile source emissions.

- EI models Adopted – this folder contains the calculations of the activity (population and VMT by model year by PM control) for the adopted regulation

    o Baseline by fleet 01312014.mdb – is the starting point for both adopted and proposed emissions inventory calculation. Population and VMT by fleet category, model year and air basin are calculated and forecasted. The impacts of Drayage Truck regulation and Public and Utility Fleets regulation on drayage trucks and utility fleets were also estimated.
    o Base by sub cat 15k 02022014.mdb – is where the fleet categories in "Baseline by fleet 01312014.mdb" were further divided into sub categories based on fleet size, annual mileage, etc.
    o xxxAB 02042014 adopted.mdb and xxxAB 02042014 adopted NOx exempt– based on the population and VMT in "Base by sub cat 02022014.mdb" and the assumptions in "rule scenario02052014 v2.xlsx", estimates the population and VMT results of fleet turnover

and retrofit for each air basin. "NOx exempt" in the file names indicate that portion or all regions within the air basin are located in the NOx exempt areas.

- o Combined adopted scenario 02062014.mdb – combines the air basin results into one table to generate inputs to the revised EMFAC2011-HD model for emissions calculations.

- EI models Proposed – this folder contains the calculations of the activity (population and VMT by model year by PM control) for the proposed amendments

  - o Base by sub cat 5k&20k 02022014.mdb – is where the fleet categories in "Baseline by fleet 01312014.mdb" were further divided into sub categories based on fleet size, annual mileage, etc.
  - o xxxAB 02042014 proposed.mdb and xxxAB 02042014 proposed NOx exempt– based on the population and VMT in "Base by sub cat 02022014.mdb" and the assumptions in "rule scenario02052014 v2.xlsx", estimates the population and VMT results of fleet turnover and retrofit for each air basin. "NOx exempt" in the file names indicate that portion or all regions within the air basin are located in the NOx exempt areas.
  - o Combined proposed 02072014.mdb – combines the air basin results into one table to generate inputs to the revised EMFAC2011-HD model for emissions calculations.

Please find AB 1085 for Truck and Bus 2010 on
http://www.arb.ca.gov/msprog/onrdiesel/1085/2010/1085.htm