

# Efficiency Analysis Systems

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## Data Requirements

### Data Types

Note: Data requirements will primarily be driven by customer needs.

**Tier One Analysis** consists of Weekly and Monthly averages for Miles per Gallon (*MPG*), and Gallons per Hour (*GPH*). If the customer so desires temperature and vehicle load normalized *MPG* and *GPH* figures will also be delivered at no additional cost.

Therefore the data requirements for a Tier One Analysis are the daily gallons, miles, and hours.

If the customer wishes to normalize for load, daily vehicle load data will also be required.

Efficiency Analysis Systems will procure temperature data.

**Tier Two Analysis** consists of normalizing for the effects of the vehicle drivers. The drivers are the most influential single contributing factor, with some studies stating that drivers account for up to 30% of *MPG* variance. Due to the serious nature of the implications of grading vehicle drivers, this level of analysis more than doubles the complexity of the analysis. This translates into data requirements that include daily Miles, Gallons, Hours, Load, Temperature, and others like Vehicle Type, Engine Displacement, Number of Cylinders.

### Data Formats

We accept a variety of data formats. A brief list follows:

- Tab Delimited
- Comma Delimited
- Formatted Text
- Excel spreadsheet
- File maker Pro

### Data Standards

The most accurate, pristine data possible will benefit both you and us. Although we have created custom tools with built in error reduction. Clean data is preferred.

All data sent to us will be checked for proper formatting. Improper data formatting will be corrected and may result in additional charges.

We also have the capability for manual data input, if required.

Note: Efficiency Analysis Systems cannot be held responsible for faulty data.