



MSWIN Help and Manual

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Mileage and Fuel Tax Help Document MsWIN 32 Transportation Management Software

by BJ Exum

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the original help files.

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1 Fuel Tax Functions

State Fuel Tax Functions

Used Calculation: (Either F, G or leave blank to not calculate)

Fuel Tax Function:

Mileage Tax Function:

3rd Structure Tax Function:

() + - * /

A = Total miles for all states
 B = Total purchased gallons for all states
 C = Total miles for selected state
 D = Total purchased gallons for selected state
 E = Average MPG (A / B)
 F = Used or Consumed (C / E)
 G = Used or Consumed via ratio ((C / A) * B)
 H = Over/Under purchase (D - F)
 I = Over/Under purchase (D - G)
 J = Toll Miles for selected state

Ok Cancel

Fuel Tax Functions, when properly initialized, provide a means to calculate dollar amounts for taxes owed to each state or over payment of taxes for a particular state. These functions are extremely flexible and will allow the user to customize each state according to fuel tax formulas used in that state. These tax functions are used in the fuel tax reports only and must be initialized to get the pertinent information needed to file tax forms.

*NOTE it is the responsibility of the user to maintain these formulas when state regulations change. TMS does not provide updates for state tax formula changes.

If using the newest IFTA forms, these functions may be obsolete as formulas are included on those forms.

From the File Maintenance Menu select 'Fuel Tax Functions'. Select a state for which to edit the tax functions.

Predefined Variables

The following are predefined variables that can be used when initializing tax functions:

- A Total Miles all States (whole)
- B Total purchased Gallons all States (whole)
- C Total Miles for selected State (whole)
- D Total purchased Gallons for selected State (whole)
- E Average MPG = A/B (2 decimal Places)
- F Used or Consumed (C/E) (whole)
- G Used or Consumed via Ratio (C/A) * B (Ratio to 4 decimal places)
- H Over Under purchase $D - F$ (whole)
- I Over Under purchase $D - G$ (whole)
- J Total Miles for selected State

The available mathematical operators are

- + addition
- subtraction
- * multiplication
- / Division
- () order

Used/Consumed Calculation

If it is desired that the fuel tax reports print the amount of fuel that was used (also referred to as consumed), select how this is to be done. Currently there are two available ways to compute the amount of fuel that was used in a state:

- 1) $F = (\text{Total Miles Traveled in State}) \text{ divided by } (\text{Average MPG for all operations})$
- 2) $G = ((\text{Total Miles Traveled in State}) \text{ divided by } (\text{Total Miles All States})) \text{ times the } (\text{Total Gallons all States})$. (G is also known as ratio).

MS will prompt the user to select one of these two ways or leave blank so that no calculation is performed. For convenience, these calculations (as well as others) have been given letter representations.

Fuel Tax Function

This Function will return the dollar amount owed to the state (or the refund if fuel was over purchased). Note that most states will ask for the (amount used - amount purchased) multiplied by the appropriate tax rate. Note, however, that some states have different tax rates for filing as opposed to purchasing. In this

case the user will need to use a different kind of formula; for example:
(Used * Filing Tax Rate) - (Purchased * Purchased Tax Rate) which
translates into:

$$(F * .17) - (D * .15)$$

F is the Used calculation and where C represents the amount of fuel that was purchased in the current state.

Mileage Tax Function

Some states have an additional mileage tax (also called road tax, or highway use tax). This will commonly be the number of miles traveled in a state (C) multiplied by the applicable rate, such as two cents per mile, i.e.

$$C * .02$$

3rd Structure Tax Function

The 3rd structure tax function is for any further taxes that a state may require

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