

Estimated Mass

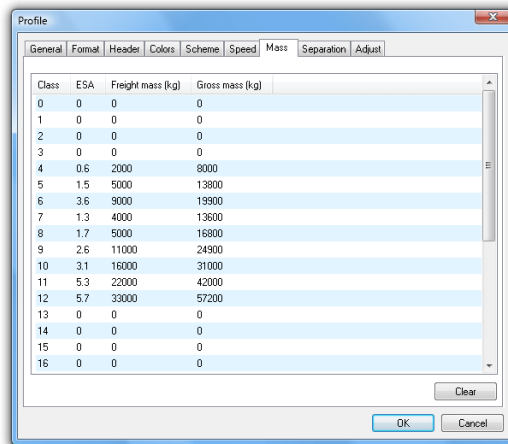
MTE User Manual - Report Profiles

3.18

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Estimated Mass

MCRReport provides basic support for estimated pavement loading calculations, based on the volume and class distribution of traffic. The **Mass** page of the Advanced Profile options provides a table to enter estimated standard axles, freight mass and gross mass, per class of vehicle.

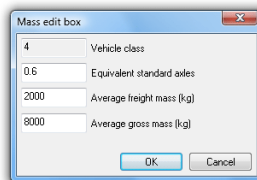


The screenshot shows the 'Profile' dialog box with the 'Mass' tab selected. The table below is the 'Estimated Mass table'.

Class	ESA	Freight mass (kg)	Gross mass (kg)
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0.6	2000	8000
5	1.5	5000	13800
6	3.6	9000	19900
7	1.3	4000	13600
8	1.7	5000	16800
9	2.6	11000	24900
10	3.1	16000	31000
11	5.3	22000	42000
12	5.7	33000	57200
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0

Estimated Mass table

To edit a row in the table, simply double-click. Units will be kilograms (kg) or pounds (lb) per the units option in the Advanced Profile's **General** page.



The screenshot shows the 'Mass edit box' dialog with the following values:

4	Vehicle class
0.6	Equivalent standard axles
2000	Average freight mass (kg)
8000	Average gross mass (kg)

Editing mass table rows

Note that this table is closely linked to the selected classification scheme, and may differ between regions and counties that use the same classification scheme. Values are normally derived from weigh-station data of regional vehicle types, and their freight and gross mass.

Reports that use the Estimated Mass table include the **Custom List** report, and **Daily Classes (Estimated Mass)**.

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