

Rule 2202 Vehicle Miles Traveled (VMT) Calculator Tool

Effective January 1, 2025, employers must report the Vehicle Miles Traveled (VMT) of employees arriving at the worksite as detailed in the Rule 2202 Implementation Guidelines or Employee Commute Reduction Program (ECRP) Guidelines.

This tool was developed to assist employers with calculating the VMT totals for their employees as required by Rule 2202. The tool calculates the VMT totals for each mode of transportation using the AVR survey data or employee zip codes. The VMT totals that are calculated by this tool represent the potential maximum VMT for a worksite, including telecommute and/or other modes that reduce or eliminate a commute trip to the worksite.

For employers that conduct an AVR survey, the AVR survey must be completed first before using this tool. The AVR survey data for each mode of transportation will be used as inputs into this VMT calculator tool. The VMT totals are required to be reported on the Weekly Vehicle Miles Traveled (VMT) by Mode form.

For employers that do not conduct an AVR survey, the employer must report the employee home zip codes using the template provided by this tool. Zip codes shall be reported using anonymized employee data such that specific employee names or other identifying information is not included. The VMT totals are required to be reported on the Rule 2202 Registration Form.

The screenshot shows the 'Rule 2202 VMT Calculator' web application. At the top left is the South Coast AQMD logo. The main heading is 'Rule 2202 VMT Calculator'. Below this is an 'Introduction' section with a downward arrow, containing text about the tool's purpose and usage instructions. Below the introduction is an 'Instructions' section with a downward arrow, divided into two parts: 'Worksites that have conducted a survey' and 'Worksites that have NOT conducted a survey'. Each part lists specific steps for data collection and submission. At the bottom of the instructions section are two radio buttons: 'Facilities that DID survey their employees' (selected) and 'Facilities that DID NOT survey their employees'. A blue 'Proceed' button is centered below the radio buttons.

Rule 2202 VMT Calculator

Introduction

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Detailed instructions for using the Rule 2202 VMT Calculator Tool can be found at: [Click here](#)

Instructions

Worksites that have conducted a survey

- Choose option "Facilities that DID survey their employees."
- Template provided (in Excel) will require miles to worksite (one way) and mode of transportation for each peak window employee for each day of the survey period.
- VMT Calculator data may be exported for peak window employees (and non-peak employees, if surveyed).
- Export and save calculated VMT and enter data on compliance submittal.

Worksites that have NOT conducted a survey

- Choose option "Facilities that DID NOT survey their employees."
- Template provided (in Excel) will require home zip code for each peak window employee.
- VMT Calculator distance calculations can be exported for peak window employees.
- Export and save calculated VMT and enter data on compliance submittal.

Facilities that DID survey their employees Facilities that DID NOT survey their employees

Proceed

South Coast AQMD

Rule 2202 VMT Calculator

Introduction

Instructions

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- Export and save calculated VMT and enter data on compliance submittal.

Worksites that have NOT conducted a survey

- Choose option "Facilities that DID NOT survey their employees."
- Template provided (in Excel) will require home zip code for each peak window employee.
- VMT calculator distance calculations can be exported for peak window employees.
- Export and save calculated VMT and enter data on compliance submittal.

Facilities that DID survey their employees
 Facilities that DID NOT survey their employees

Proceed

1. Open the VMT calculator tool. Select the option that applies to your worksite and click "Proceed."

Facilities that DID conduct a survey of their employees

1. Download the VMT excel template and complete with your worksite's AVR survey answers. Enter the Worksite ID in cell B1. Fill in each of the columns with the following information.
 - a. Column A: Enter an ID number assigned to the individual employee survey. This number may be the employee's ID number but can also be a randomly generated ID number to ensure anonymity. ID's may also be assigned in order numerically by row. Unique ID numbers ensure that employee survey data is not repeated.
 - b. Column B: Enter the miles to worksite (one way) that the employee reported on their survey. This field must be numerical only, do not include the word "miles" as the unit of measurement.
 - c. Column C: Enter "yes" or "no" under column C, "Are you primarily a peak window employee?" The data in this column will be used to separate peak window VMT from off peak VMT. Off peak VMT is not required to be reported unless an Off-Peak survey was conducted.
 - d. Column D-H: Each column shall include the survey mode used by the employee for each day of the survey period. Monday commute mode should be entered in Column D, Tuesday commute mode in Column E, and so on through Friday commute mode in Column H. The commute modes ***must*** be written in each cell as they appear below:

Zero Emission Vehicle (Electric/Fuel Cell)
Bus
Rail/Train (LA Metro Rail, Metrolink, etc.)
Walk
Bicycle
Telecommute (Work from home/remote)
Noncommuting (at site for 24hrs or outside district)
Drive Alone
Motorcycle
2 persons in vehicle
3 persons in vehicle
4 persons in vehicle
5 persons in vehicle
6 persons in vehicle
7 persons in vehicle
8 persons in vehicle
9 persons in vehicle
10 persons in vehicle
11 persons in vehicle
12 persons in vehicle
13 persons in vehicle
14 persons in vehicle
15 persons in vehicle
3/36 work week (2 days)
4/40 work week (1 day)
9/80 work week (1 day)
Vacation
Sick
Other Day Off, Jury Duty, LOA, etc.

2. Click "Browse File" to select the excel file for upload. Once the file has been selected, click "Upload File." The tool will read the file and scan for errors.
 - a. If there are no errors, the excel data will appear on the lower screen portion of the screen under "Uploaded Data". Verify that the data was read correctly.
 - b. If errors are detected, the file will not successfully upload. Detected errors will be listed in red on the screen. The error will tell you which cell to correct. Any errors detected will also be made available for download above the red error list. To access, click on "Export to Excel". Make the necessary corrections and reupload the file.
3. After the file has been successfully uploaded, click "Calculate VMT." The calculator will total the VMT by commute mode and will display the results in the "Peak Window VMT by Mode" window on the lower portion of the screen. Off-Peak VMT results will appear under the "Off-Peak Window VMT by Mode" window. Calculated VMT data may be exported to Excel. Save or copy the calculated VMT data to your own files, as the tool will not save the uploaded data and calculated VMT.
4. Report the VMT weekly totals for each commute mode and total weekly worksite VMT on page 12 of the Rule 2202 compliance forms.

[Download VMT Template](#)

Upload Your Files

Site ID: 180825

[Peak Window VMT by Mode](#)
[Off-Peak Window VMT by Mode](#)
[Uploaded Data](#)

PEAK WINDOW VMT BY MODE [Export to Excel](#)

Search:

	Monday	Tuesday	Wednesday	Thursday	Friday	Potential Maximum VMT Total
a. Zero Emission Vehicle (Electric/Fuel cell)	0	0	0	0	0	0
b. Bus	45	0	45	0	0	90
c. Rail/Train (LA Metro Rail, Metrolink, etc.)	0	0	0	0	0	0
d. Walk	0	70	0	0	0	70
e. Bicycle	0	0	0	0	0	0
f. Telecommute (Work from home/Remote)	5	0	0	0	227	232
g. Noncommuting (at site for 24hrs or outside district)	0	0	0	0	0	0
Potential Maximum VMT Total	227	227	227	227	227	1135

Facilities that DID NOT conduct a survey of their employees

1. Download the Zip Code VMT Template and complete with your worksite's information. Enter the worksite ID in cell B1. Enter the worksite street number in cell B3, the worksite street name in cell C3, the worksite city in cell D3, the worksite state in cell E3, and the worksite zip code in cell F3.
2. The VMT calculator will calculate VMT by measuring the distance from each zip code to the worksite. Enter the employee zip code information into the excel template.
 - a. Column A: Enter the employee home zip codes into column A.
 - b. Column B: Enter the number of employees that live within that zip code in column B.
 - c. Note: the same zip code may be repeated in column A. Ensure that if a zip code is repeated, that the number of employees enter in each column B equals the total number of employees within that zip code. For example, you may enter that ten employees live within zip code 91785, OR you may enter that 1 employee lives within zip code 91785 in ten separate rows.
3. Click "Browse File" to select the excel file for upload. Once the file has been selected, click "Upload File." The tool will read the file and scan for errors.
4. If there are no errors, the excel data will appear on the lower portion of the screen under "Uploaded Data". Verify that the data was read correctly.
5. If errors are detected, the file will not successfully upload. Detected errors will be listed in red on the screen. The error will tell you which cell to correct. Any errors detected will also be made available for download above the red error list. To access, click on "Export to Excel". Make the necessary corrections and reupload the file.
6. After the file has been successfully uploaded, click "Calculate VMT." The calculation results will appear on the lower portion of the screen under the "Zip Code VMT" tab. Calculated VMT data may be exported to Excel. Save or copy the calculated VMT data to your own files, as the tool will not save the uploaded data and calculated VMT.

7. Report the VMT total and the number of employees total on page 16 of the Rule 2202 compliance forms.

Zip Code VMT Uploaded Data

ZIP CODE VMT Export to Excel

10 entries per page Search:

Zip Code	Number of Employees	Distance per Employee (in miles)	Total Daily VMT per Zip Code
91709	5	2.96	14.80
91710	10	3.49	34.90
91765	15	4.24	63.60
92801	199	17.19	3420.81
90201	20	24.77	495.40
90506	12	34.55	414.60
90603	18	14.96	269.28
90660	5	19.92	99.60
91768	3	3.6	10.8
90201	11	24.77	272.47
Total No. of Employees		298	Potential Maximum Daily VMT Total
			5096.26
			Potential Maximum Weekly VMT Total
			25481.30

Showing 1 to 10 of 10 entries « ‹ 1 › »