OP 20: Employee Commute Modal Split

2 points available

A. Credit Rationale
This credit recognizes institutions where employees use preferable modes of transportation to travel to and from the institution. Commute modal split is a common measure used to evaluate the sustainability performance of a transportation system. Using alternative modes of transportation reduces local air pollution and GHG emissions. Walking and biking offer health benefits as well.

B. Criteria
Institution’s employees (faculty, staff, and administrators) get to and from campus using more sustainable commuting options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, telecommuting, or a combination of these options.

Employees who live on campus should be included in the calculation based on how they get to and from their workplace.

C. Applicability
This credit applies to all institutions.

D. Scoring
Institutions earn the maximum of 2 points for this credit by having all employees use alternative modes of transportation for getting to and from campus. Incremental points are awarded based on the percentage of employees that use alternative modes. For example, an institution for which 50 percent of employees use alternative modes and the other 50 percent drive alone would earn 1 point (half of the available points for this credit). Points earned are calculated according to the following table:

<table>
<thead>
<tr>
<th>Factor</th>
<th>Multiply</th>
<th>Total Percentage of the Institution’s Employees Using More Sustainable Commuting Options (0-100)</th>
<th>Equals</th>
<th>Total Points Earned</th>
</tr>
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<tr>
<td>0.02</td>
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Scoring Example: Employee Commute Modal Split

Example University employees have the following commuting composition:

- 10 percent walk, bike, or use non-motorized transportation
- 30 percent take campus shuttles or public transportation
- 15 percent carpool

Total percentage using alternatives to single-occupancy vehicle commuting = 10 + 30 + 15 = 55

<table>
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<th>Multiply</th>
<th>Total Percentage of the Institution’s Employees Using More Sustainable Commuting Options (0-100)</th>
<th>Equals</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.02</td>
<td>×</td>
<td>55</td>
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<td>1.1</td>
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</table>

E. Reporting Fields

**Required**

- Total percentage of the institution’s employees that use more sustainable commuting options (0-100)
- An affirmation that the submitted information is accurate to the best of a responsible party’s knowledge and contact information for the responsible party. The responsible party should be a staff member, faculty member, or administrator who can respond to questions regarding the data once submitted and available to the public.

**Optional**

- The percentage of the institution’s employees that:
  - Commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation (0-100)
  - Walk, bicycle, or use other non-motorized means as their primary method of transportation (please note that this may include on-campus residents) (0-100)
  - Vanpool or carpool as their primary method of transportation (0-100)
  - Take a campus shuttle or public transportation as their primary method of transportation (0-100)
- Use a motorcycle, scooter or moped as their primary method of transportation (0-100)
- Telecommute for 50 percent or more of their regular work hours (0-100)

☐ A brief description of the method(s) used to gather data about employee commuting
☐ The website URL where information about sustainable transportation is available
☐ Notes about the submission

**F. Measurement**

**Timeframe**
Report the most recent data available within the three years prior to the anticipated date of submission.

**Sampling and Data Standards**
Institutions may use a representative sample to gather data about employee commuting behavior. The South Coast Air Quality Management District provides [guidelines on how to measure commuting behavior](#) (pdf).

This credit is scored based on the percentage of employees using alternatives to single-occupancy vehicle commuting (i.e. more sustainable commuting options). It is not required that the various transportation modes reported in the optional reporting fields total 100.