OP 23: Waste Diversion

3 points available

A. Credit Rationale
This credit recognizes institutions that are diverting materials from landfills and incinerators and conserving resources by recycling and composting.

B. Criteria
Institution diverts materials from the landfill or incinerator by recycling, composting, reusing, donating, or re-selling.

This credit includes on-campus dining services operated by the institution or the institution’s primary on-site contractor.

This credit does not include construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in OP 24: Construction and Demolition Waste Diversion and OP 25: Hazardous Waste Management.

C. Applicability
This credit applies to all institutions

D. Scoring
Institutions earn the maximum 3 points for this credit by diverting all waste from the landfill or incinerator. Incremental points are awarded based on the percentage of waste that is diverted. For example, an institution that diverts 50 percent of its waste would earn 1.5 points (half of the points available for this credit).

Enter values as indicated below to calculate points earned for this credit
Points will be calculated automatically when data are entered in the STARS online Reporting Tool

<table>
<thead>
<tr>
<th>Factor</th>
<th>Multiply</th>
<th>Materials Reused, Recycled, or Otherwise Diverted</th>
<th>Divide</th>
<th>Total Amount of Waste Generated (Diverted + Disposed)</th>
<th>Equals</th>
<th>Total Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
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Scoring Example: Waste Diversion

Last year Example College:
- Recycled 500 tons of materials
- Composted 50 tons of materials
- Disposed of 450 tons of materials in a landfill

Materials recycled, donated or otherwise diverted = 500 + 50 = **550**
Total amount of waste generated = 550 + 450 = **1,000**

<table>
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<th>Total Amount of Waste Generated (Diverted + Disposed)</th>
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<tbody>
<tr>
<td>3</td>
<td>×</td>
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<td>1,000</td>
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<td><strong>1.65</strong></td>
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</tbody>
</table>

E. Reporting Fields

Required
- **Materials diverted** (recycled, composted, reused, donated, re-sold, or otherwise diverted from the landfill or incinerator) (short tons/metric tons)
- **Materials disposed** in a solid waste landfill or incinerator (short tons/metric tons)
- 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
- A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate, including efforts made during the previous three years
- A brief description of any food donation programs employed by the institution
- A brief description of any pre-consumer food waste composting program employed by the institution
- A brief description of any post-consumer food waste composting program employed by the institution
- An indication of which of the following materials the institution includes in its waste diversion efforts:
- Paper, plastics, glass, metals, and other recyclable containers
- Food – donations
- Food – for animals
- Food - compost
- Cooking oil
- Plant materials - compost
- Animal bedding - compost
- Batteries
- Light bulbs
- Toner/ink-jet cartridges
- White goods (i.e. appliances)
- Laboratory equipment
- Furniture
- Residence hall move-in/move-out waste
- Scrap metal
- Pallets
- Motor oil
- Tires
- Other (please specify)

Notes about the submission

F. Measurement

Timeframe
Report the most recent waste generation and diversion data available.

Sampling and Data Standards
Waste figures measured in volume may be converted to weight using the conversion factors provided by the U.S. Environmental Protection Agency and the College and University Recycling Council (used for the U.S. RecycleMania competition) or the conversion factors provided by the United Nations Environment Programme (UNEP).

To the extent possible, include all waste that was generated by the institution and/or the institution’s primary on-site dining services contractor when reporting for this credit. Construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which is covered in OP 24: Construction and Demolition Waste Diversion and OP 25: Hazardous Waste Management, is excluded. If data for the entire campus and/or entire year are not available, institutions may use a representative sample.