Yale University

The following information was submitted through the Campus Sustainability Data Collector to be shared with Sierra magazine for consideration in their Cool Schools publication.

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The information presented in this submission is self-reported and has not been verified by AASHE or a third party. If you believe any of this information is erroneous, please see the process for inquiring about the information reported by an institution.

Education & Research

Co-Curricular Education

This subcategory seeks to recognize institutions that provide their students with sustainability learning experiences outside the formal curriculum. Engaging in sustainability issues through co-curricular activities allows students to deepen and apply their understandings of sustainability principles. Institution-sponsored co-curricular sustainability offerings, often coordinated by student affairs offices, help integrate sustainability into the campus culture and set a positive tone for the institution.

Credit
Student Sustainability Educators Program
Student Sustainability Outreach Campaign
Sustainability in New Student Orientation
Sustainability Outreach and Publications
Student Group
Organic Garden
Model Room in a Residence Hall
Themed Housing
Sustainable Enterprise
Sustainability Events
Outdoors Program
Themed Semester or Year

Student Sustainability Educators Program

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution coordinates an ongoing peer-to-peer sustainability outreach and education program for degree-seeking students. The institution:

- Selects or appoints students to serve as educators and formally designates the students as educators,
- Provides formal training to the educators in how to conduct outreach, and
- Offers faculty or staff and/or financial support to the program.

This credit focuses on programs for degree-seeking students enrolled in a for-credit program. Continuing education and/or non-credit students are excluded from this credit.

Student clubs or groups, which are covered by *Co-Curricular Education Tier Two Credit 1*, are not eligible for this credit unless the group meets the criteria outlined above.

"---" *indicates that no data was submitted for this field*

Total number of degree-seeking students enrolled at the institution :

11593

Program name (1st program) :

Student Taskforce for Environmental Partnership (STEP)

Number of students served by the program to whom peer-to-peer sustainability outreach and education is offered (1st program) :

5570

A brief description of the program, including examples of peer-to-peer outreach activities (1st program) :

STEP is a student-run organization whose goal is to help Yale become a sustainable community. We aim to educate our peers about the practical components of living in a responsible and environmentally-conscious manner. We also work toward generating a campus-wide culture of sustainability wherein environmental awareness is an integral part of the Yale experience.

Peer to Peer Outreach Activities include:
iPledge Study Break
Eli Exchange Extravaganza

Green Cribs
Blackout
Earth Hour
Sustainability Blog

A brief description of how the student educators are selected (1st program) :

STEP coordinators are hired through the Yale Office of Sustainability on an annual basis. Students apply for a position in the spring prior to the following academic year and serve in the position for one year.

A brief description of the formal training that the student educators receive (1st program) :

Each semester, the Office of Sustainability staff provides a one-hour training session for all STEP coordinators. This includes an overview of the context for sustainability at Yale, key concepts on communications and community engagement, and hints for best tactics when dealing with University staff and faculty. Throughout each semester, other sustainability professionals from throughout the university (transportation, recycling, etc…) offer additional training.

A brief description of the staff and/or other financial support the institution provides to the program (1st program) :

The Yale Office of Sustainability has one staff member who oversees the STEP program and its student directors and coordinators. STEP is allotted an annual budget to conduct outreach and events throughout the academic year.

The website URL for 1st Program :

http://www.yalestep.com/

Program name (2nd program) :

Professional School Sustainability Planning

Number of students to whom peer-to-peer sustainability outreach and education is offered (2nd program) :

1145

A brief description of the program, including examples of peer-to-peer outreach activities (2nd program) :

Student representatives from each professional school focus on all outreach activities to communicate their school's sustainability initiative. This may include producing posters, holding events, creating and leading a workshop and any other creative idea that engages and promotes their peers to learn about their Professional School Sustainability Plan.

A brief description of how the student educators are selected (2nd program) :

Students are hired for the academic year by their professional school to develop operational and outreach strategies that assist in meeting sustainability goals developed by each school.

A brief description of the formal training that the student educators receive (2nd program) :

Student representatives from each professional school are managed by Office of Sustainability staff. This management includes ongoing education regarding sustainability.

A brief description of the staff and/or other financial support the institution provides to the program (2nd program) :

Students are paid for their work and one staff person from the Office of Sustainability manages these students.

The website URL for 2nd program :

Program name (3rd program) :

Number of students to whom peer-to-peer sustainability outreach and education is offered (3rd program) :

A brief description of the program, including examples of peer-to-peer outreach activities (3rd program) :

A brief description of how the student educators are selected (3rd program) :

A brief description of the formal training that the student educators receive (3rd program) :

A brief description of the staff and/or other financial support the institution provides to the program (3rd program) :

The website URL for 3rd program :

Program name (All other programs) :

Number of students to whom peer-to-peer sustainability outreach and education is offered (All other programs) :

A brief description of the program, including examples of peer-to-peer outreach activities (All other programs) :

A brief description of how the student educators are selected (All other programs) :

A brief description of the formal training that the student educators receive (All other programs) :

A brief description of the staff and/or other financial support the institution provides to the program (All other programs) :

The website URL for all other programs :

Student Sustainability Outreach Campaign

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution holds at least one sustainability-related outreach campaign directed at students. The campaign yields measurable, positive results in advancing sustainability. The sustainability-related outreach campaign may be conducted by the institution, a student organization, or students in a course.

To measure if the campaign yields measurable, positive results, institutions should compare pre-campaign performance to performance during or after the campaign.

The campaign could take the form of a competition (such as a residence hall conservation competition), or a collective challenge (such as a campus-wide drive to achieve a specific sustainability target).

The campaign may focus on one or more sustainability issues, but educating students is a primary feature of the campaign.

The campaign may reach additional campus members (faculty, staff, visitors, etc.) as long as students are one of the audiences of the campaigns.

The following impacts are not sufficient for this credit:

- Increased awareness
- Additional members of a mailing list or group

"---" *indicates that no data was submitted for this field*

Does the institution hold a campaign that meets the criteria for this credit? :

Yes

The name of the campaign(s) :

Recyclemania

A brief description of the campaign(s) :

RecycleMania is a ten-week intercollegiate competition between hundreds of colleges and universities. Over the 10-week period, schools report recycling and trash data which are then ranked according to who collects the largest amount of recyclables per capita, the largest amount of total recyclables, the least amount of trash per capita, or have the highest recycling rate. With each week's reports and rankings, participating schools watch how their results fluctuate against other schools and use this to rally their campus communities to reduce and

recycle more.
Yale's primary goal is to increase our recycling rate and decrease the total amount of waste generated by the University. Yale also pledged to implement the following waste reduction practices on our campus:
1. Active program to sell or donate campus surplus property.
2. Working with vendors to reduce transportation packaging (e.g. require vendors shipping on a pallet to take it back with the next delivery; redesign shipping packaging for waste minimization or recyclability, etc).
3. Reusing and/or redistribute packing materials from central stores and campus distribution centers.
4. Promoting inter-office reusable envelopes for campus mail and review/improve campus systems for reclaiming extra envelopes for reuse.
5. Replacing paper documents with online alternatives wherever possible (e.g. telephone directories, course catalogs, room selection, bill payment, grade distribution, etc.) .
6. Promoting the use of printer settings and paper reduction software (e.g. GreenPrint).
7. Creating an office supplies exchange program on campus.
8. Offering reusable dinnerware and utensils in all sit-down dining facilities.

A brief description of the measured positive impact(s) of the campaign(s) :

Yale tallied the weights for trash and recycling weekly to gauge our progress toward reducing total waste and increasing our recycling rate. At the end of the competition our recycling rate was 22%.

The website URL where information about the sustainability outreach campaign(s) is available :

http://recycling.yale.edu/blog/2011/01/19/recyclemania-jan-23-apr-2

Sustainability in New Student Orientation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution includes sustainability prominently in its new student orientation activities and programming. Sustainability activities and programming are made available to all new students and are intended to educate about the principles and practices of sustainability.

Because orientation activities vary from one institution to another, prominent inclusion of sustainability may not take the same form on each campus. When reporting for this credit, each institution will determine what prominent inclusion of sustainability means given its particular context.

As this credit is intended to measure sustainability being infused throughout the institution, program or discipline-level orientations are not included in this credit.

"---" *indicates that no data was submitted for this field*

Does the institution include sustainability prominently in new student orientation? :

Yes

A brief description of how sustainability is included prominently in new student orientation :

UNDERGRAD:
Sustainability is a featured link on the “planning your move” website:

http://yalecollege.yale.edu/content/planning-your-move

Additionally, when freshmen arrive, the Student Task-force for Environmental Partnerships(STEP) leads a one-hour session during orientation. STEP coordinators also attend the freshman formal dinner to message about how to get involved with sustainability and the importance of going tray-less.

GRAD:
Sustainability is a part of first year orientation at the School of Forestry and Environmental Studies, Divinity School, and the Hall of Graduate Studies. Students at the School of Public Health and the School of Management also receive information, although there is no in-person training.

The website URL where information about sustainability in new student orientation is available :

http://yalecollege.yale.edu/content/planning-your-move

Sustainability Outreach and Publications

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution produces outreach materials and/or publications that foster sustainability learning and knowledge. The publications and outreach materials may include the following:

- A central sustainability website that consolidates information about the institution's sustainability efforts
- A sustainability newsletter
- A vehicle to publish and disseminate student research on sustainability
- Building signage that highlights green building features
- Food service area signage and/or brochures that include information about sustainable food systems
- Signage on the grounds about sustainable groundskeeping strategies employed
- A sustainability walking map or tour
- A guide for commuters about how to use alternative methods of transportation
- A guide for green living and incorporating sustainability into the residential experience
- Regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat
- Other

"---" *indicates that no data was submitted for this field*

Does the institution have a central sustainability website that consolidates information about the institution's sustainability efforts? :

Yes

A brief description of the central sustainability website that consolidates information about the institution's sustainability efforts :

Yale's Office of Sustainability, established in 2005, works to promote the tenets of sustainability at Yale, in New Haven, and around the global higher-education community. The OOS's office is one medium for sharing information related to sustainability at Yale.

The website URL for the central sustainability website that consolidates information about the institution's sustainability efforts :

http://sustainability.yale.edu/

Does the institution have a sustainability newsletter? :

Yes

A brief description of the sustainability newsletter :

The Office of Sustainability issues two newsletters each semester to update the Yale community on the newest sustainability initiatives around campus.

The website URL for the sustainability newsletter :

http://sustainability.yale.edu/newsletter

Does the institution have a vehicle to publish and disseminate student research on sustainability? :

Yes

A brief description of the vehicle to publish and disseminate student research on sustainability :

Yale's various graduate schools and research centers publish student research papers. Below are a list of sustainability related research centers and URL's associated with student research papers.
Hixon Center for Urban Ecology

http://environment.yale.edu/hixon/student-research/student-research-interns/

School of Forestry and Environmental Studies
Doctoral Student Publications:

http://environment.yale.edu/research/Doctoral-Student-Publications/

Office of Sustainability Student Research

http://sustainability

.

The website URL for the vehicle to publish and disseminate student research on sustainability :

http://environment.yale.edu/hixon/student-research/student-research-interns/

Does the institution have building signage that highlights green building features? :

Yes

A brief description of building signage that highlights green building features :

Yale's Office of Sustainability has several pages on its website devoted to highlighting the green features of all the University's LEED certified buildings.

http://sustainability.yale.edu/buildings-and-construction

Additionally, Kroon Hall has a touchscreen monitor at both entrances to the building that invites you to learn about the green features of this LEED Platinum certified building.

The website URL for building signage that highlights green building features :

http://sustainability.yale.edu/buildings-and-construction

Does the institution have food service area signage and/or brochures that include information about sustainable food systems? :

Yes

A brief description of food service area signage and/or brochures that include information about sustainable food systems :

Yale's Sustainable Food Project develops and distributes posters and table tents that educate students about sustainable food systems.
Program: Posters and Table Tents - Educating in the Dining Halls seek to nourish both the bodies and the minds of students by offering bite-sized helpings of information throughout the dining halls, to read as they eat. These table tents and posters inform students about the ethics of eating and the issues around food and agriculture, providing enough information for students to begin conversations of their own while sharing a good meal.

The website URL for food service area signage and/or brochures that include information about sustainable food systems :

http://www.yale.edu/sustainablefood/educ_writings.html

Does the institution have signage on the grounds about sustainable grounds-keeping strategies employed? :

No

A brief description of signage on the grounds about sustainable grounds-keeping strategies employed :

The website URL for signage on the grounds about sustainable grounds-keeping strategies employed :

Does the institution have a sustainability walking map or tour? :

Yes

A brief description of the sustainability walking map or tour :

Visitor's to Yale's campus can access an online Sustainability Tour via the Office of Sustainability's website or the Visitor Center's website.

At both websites descriptions of each sustainable site on campus from sustainable grounds to buildings to renewable energy technologies are described.

Those who would like to walk the campus visiting each site can download a printable map and walk around the campus seeing each site.

Yale Office of Sustainability

http://sustainability.yale.edu/sustainability-tour

Yale Visitor's Center

http://www.yale.edu/sustainabilitytour/

The website URL of the sustainability walking map or tour :

http://sustainability.yale.edu/sustainability-tour

Does the institution have a guide for commuters about how to use alternative methods of transportation? :

Yes

A brief description of the guide for commuters about how to use alternative methods of transportation :

Yale provides information on a range of options including public transport, carpooling (and NuRide), the free campus shuttle service. It also provides an individual commute counseling service for people who need further advice.

The website URL for the guide for commuters about how to use alternative methods of transportation :

http://www.yale.edu/transportationoptions/alternatives/index.html

Does the institution have a guide for green living and incorporating sustainability into the residential experience? :

Yes

A brief description of the guide for green living and incorporating sustainability into the residential experience :

The Yale Office of Sustainability has a series of webpages devoted to welcoming Undergraduates and Graduate students to campus and offers information and tips on living sustainability on and off campus.

http://sustainability.yale.edu/welcome-to-yale

On the incoming Freshman orientation website there is a link to tips/guide for sustainable living in the residential dorms.

http://yalecollege.yale.edu/content/planning-your-move

Yale School of Music has a dedicated Living Green page.

http://music.yale.edu/student-life/green.html

The website URL for the guide for green living and incorporating sustainability into the residential experience :

http://sustainability.yale.edu/welcome-to-yale

Does the institution have regular coverage of sustainability in the main student newspaper (either through a regular column or a reporter assigned to the sustainability beat)? :

Yes

A brief description of regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat :

Yale Daily News has one student reporter assigned to covering Sustainability at Yale.

The website URL for regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat :

http://www.yaledailynews.com/

Does the institution produce another sustainability publication or outreach material not covered above? (1st material) :

Yes

A brief description of this material :

Developed by students for students, the Dan the Green Dog comic series is intended to inspire and engage members of the Yale community to commit to sustainable choices.

The website URL for this material :

http://sustainability.yale.edu/dan-green-dog

Does the institution produce another sustainability publication or outreach material not covered above? (2nd material) :

Yes

A brief description of this material :

The Yale Office of Sustainability develops outreach materials are meant to be used to educate and inspire you, your department, college, or peers to help Yale reach the goals outlined in the Sustainability Strategic Plan. You can download the materials directly and use them to communicate opportunities for making decisions that support campus sustainability efforts.

The website URL for this material :

http://sustainability.yale.edu/campaign-materials-2

Does the institution produce another sustainability publication or outreach material not covered above? (3rd material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (4th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (5th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (6th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (7th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (8th material) :

A brief description of this material :

The website URL for this material :

Student Group

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have an active student group focused on sustainability? :

Yes

The name and a brief description of each student group :

Yale Student Environmental Coalition(YSEC) strives to educate the Yale community about current environmental challenges and debates, advocate for environmentally conscious behavior, responsible consumer choice, sustainable university policy, and environmental justice. They seek to partner with campus organizations, other colleges and universities, non-profits, and major international initiatives in order to bring our objectives to light at Yale, within New Haven, and around the world.

List up to 4 notable recent activities or accomplishments of student group(s) :

1. Service and Hands On Restoration Ecology (SHORE)

SHORE is focused on getting Yalies outside to participate in clean-ups and restoration projects around coastal Connecticut. We believe that it's important to get students engaged in local, hands on projects where they can see that they're making a difference in protecting the environment. We're partnering on this work with Save the Sound/Connecticut Fund for the Environment and the New Haven Land Trust.

There is at least one clean-up day a month, usually on the weekend.

2.Think Outside the Bottle (TOTB)

Think Outside the Bottle is a project group working to reduce the impact of bottled water on campus. TOTB is looking to reduce the use of bottled water at Yale—be it with meals, in meetings, or at outdoor functions. To do so, TOTB will raise awareness on campus while working with administration, dining, and other student groups to foster changes. Ultimately, TOTB aims to end the sale of bottled water on campus and its presence at Yale events.

3.Environmental Advocates is working in conjunction with CT Students for a Just and Stable Future on eliminating coal from Connecticut's energy portfolio, as well as researching and advocating for more sustainable travel in New Haven, state energy policy, and allocation of state and federal money for aggressive environmental projects. They are providing assistance for Earth Week 2011 advocacy campaigns.

4.The Environmental Education project is a fun way for Yale students to help make tomorrow a greener, more environmentally conscious world. Through the Environmental Education project, Yale students teach students at local elementary schools about today's

environmental issues. Each week, we will meet to refine and practice lesson plans, and then once or twice a month we will go to the elementary schools to teach the lessons. Topics covered include water and air pollution, waste, global warming, etc. Generally, lessons will cover the basics of one such topic and end with a fun project for the kids. Additionally, we hope to go on a field trip with the elementary school students this year to explore an environmental issue in a more hands-on way.

List other student groups that address sustainability :

The website URL where information about student group(s) is available :

http://www.yale.edu/ysec/ysec/Home/Home.html

Organic Garden

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have an on-campus garden where students are able to gain organic farming and/or gardening experience? :

Yes

A brief description of the garden :

The Yale Farm provides a place where students, faculty, staff, and New Haven community members can come together to learn about the connection between land and food. The Farm, a 15-minute walk north of the Old Campus, hosts workshops, seminars, volunteer workdays, and tours for local schools. Working in this four-season market garden teaches the principles of sustainability and the practices of sustainable agriculture.

The website URL where information about the garden is available :

http://www.yale.edu/sustainablefood/farm.html

Model Room in a Residence Hall

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Themed Housing

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainable Enterprise

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a student-run enterprise, such as a cafe, through which students gain sustainable business skills? :

Yes

A brief description of the enterprise :

The BYO Cafe is a student-run cafe at the School of Forestry and Environmental Studies. BYO stands for bring your own (cup, plate, utensils). The cafe does not provide any vessels or utensils with their coffee and pastries, which are sourced from environmentally conscious vendors or home-made by students. Student groups can rent out the cafe to sell their own baked goods and use the proceeds for activities or causes.

The website URL where information about the sustainable enterprise is available :

http://www.yaledailynews.com/news/2010/feb/18/kroon-opens-student-cafe/

Sustainability Events

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution hold major events related to sustainability, such as conferences, speaker series, or symposia, that have students as the intended audience? :

Yes

A brief description of the event(s) :

* The Sustainability Summit showcases the efforts of individuals, groups and departments across Yale's campus to implement sustainable practices and achieve balance between our environmental, economic and social priorities. By exhibiting the most exciting innovations, celebrating our community's successes and exploring the challenges we face, the Summit brings together everyone across campus to foster a discussion about all things sustainable.

* Yale's School of Forestry and Environmental Studies hosts almost daily seminars, panels and other events, most open to the public, that cover a broad range of areas including, energy, climate change, ecology, biodiversity, social ecology, disaster reduction, law, economics and policy for the environment.

Events calendar:http://environment.research.yale.edu/calendar/

The website URL where information about the event(s) are available :

http://sustainability.yale.edu/celebrate

Outdoors Program

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a wilderness or outdoors program that organizes hiking, backpacking, kayaking, or other outings for students and follows Leave No Trace principles? :

Yes

A brief description of the program :

Currently in its twenty-sixth year, FOOT offers a unique wilderness experience to approximately 400 Yale freshmen each year. In late August, trained upperclassmen will lead backpacking trips in eight scenic locations throughout the Northeast. The trips return to Yale's campus on freshman move-in day, allowing students to move in with the rest of their classmates.

The website URL where information about the program is available :

http://www.yale.edu/foot/

Themed Semester or Year

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Curriculum

This subcategory seeks to recognize institutions that have formal education programs and courses that address sustainability. One of the primary functions of colleges and universities is to educate students. By training and educating future leaders, scholars, workers, and professionals, higher education institutions are uniquely positioned to prepare students to understand and address sustainability challenges. Institutions that offer courses covering sustainability issues help equip their students to lead society to a sustainable future.

Credit
Sustainability Course Identification
Sustainability-Focused Courses
Sustainability-Related Courses
Sustainability Courses by Department
Sustainability Learning Outcomes
Undergraduate Program in Sustainability
Graduate Program in Sustainability
Sustainability Immersive Experience
Sustainability Literacy Assessment
Incentives for Developing Sustainability Courses

Sustainability Course Identification

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has developed a definition of sustainability in the curriculum. The definition was developed by a committee comprised of at least three faculty members who teach courses in different departments. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

In order to report on other STARS Curriculum credits, the definition of sustainability in the curriculum should distinguish between courses that focus or concentrate on the concept of sustainability throughout the course and courses that relate to an aspect of sustainability or include sustainability as part of the course.

- Sustainability-focused courses concentrate on the concept of sustainability, including its social, economic, and environmental dimensions, or examine an issue or topic using sustainability as a lens.
- Sustainability-related courses incorporate sustainability as a distinct course component or module or concentrate on a single sustainability principle or issue.

Part 2

Institution has identified its sustainability-focused and sustainability-related course offerings. A course is either sustainability-focused or sustainability-related; no course should be identified as both sustainability-focused and sustainability-related. Each institution is free to choose a methodology to identify sustainability courses that is most appropriate given its unique circumstances. Asking faculty or departments to self-identify sustainability courses using the definition in Part 1 or looking at the stated learning outcomes and course objectives associated with each course may provide a richer view of sustainability course offerings than simply reviewing course descriptions, but it is not required.

Part 3

Institution makes its sustainability course inventory publicly available online. The identification can be incorporated into the course catalog or posted as a stand-alone document.

Submission Note:

The publicly available courses listed in the link above are for the Undergraduate Environmental Studies Degree.

The School of Forestry and Environmental Studies also provides a public website for all of its course listing.

http://environment.yale.edu/courses/

Has the institution developed a definition of sustainability in the curriculum? :

No

A copy of the institution's definition of sustainability in the curriculum? :

Has the institution identified its sustainability-focused and sustainability-related course offerings? :

Yes

A brief description of the methodology the institution followed to complete the inventory :

Not all courses are created equal and will not prepare students equally for careers related to sustainability. To gauge the relevance of courses to preparing students for these careers, we developed a numerical relevance ranking, ranging from 1 (less relevant) to 3 (extremely relevant). To ensure that criteria were applied consistently, data was cross-checked by additional student research assistants.

A note on method: the course assessment was limited by the subjectivity of many of the steps – particularly the ranking system and classification of sustainability skills. For courses with limited descriptions,

Does the institution make its sustainability course inventory publicly available online? :

Yes

The website URL where the sustainability course inventory is posted :

http://www.yale.edu/evst/courses.html

Sustainability-Focused Courses

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution offers sustainability-focused academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

"---" *indicates that no data was submitted for this field*

The number of sustainability-focused courses offered :

273

The total number of courses offered :

7132

Number of years covered by the data :

One

A list of sustainability-focused courses offered :

The website URL where the publicly available sustainability course inventory that includes a list of sustainability-focused courses is available :

A copy of the sustainability course inventory :

Yale_Courses_short_10 15 10 (2).xlsx

Sustainability-Related Courses

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution offers sustainability-related academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

"---" *indicates that no data was submitted for this field*

The number of sustainability-related courses offered :

135

The total number of courses offered :

7132

Number of years covered by the data :

One

A list of sustainability-related courses offered :

The website URL where the sustainability course inventory that includes a list of sustainability-related courses is posted :

A copy of the sustainability course inventory :

Yale_Courses_short_10 15 10 (2).xlsx

Sustainability Courses by Department

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution’s academic departments (or equivalent) offer sustainability-related and/or sustainability- focused courses.

"---" indicates that no data was submitted for this field

The number of departments that offer at least one sustainability-related or -focused course :

36

The total number of departments that offer courses :

145

A list of departments that offer sustainability courses :

The website URL where the publicly available sustainability course inventory that includes a list of departments that offer sustainability courses is available :

A copy of the sustainability course inventory :

SustainabilityRelatedResearch_Faculty.xls

Sustainability Learning Outcomes

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution’s students graduate from programs that include sustainability as a required learning outcome or include multiple sustainability learning outcomes.

For this credit, learning outcomes at the course level count if the course is required to earn the degree. This credit includes graduate as well as undergraduate programs. For this credit, "programs" include majors, minors, concentrations, certificates, and other academic designations. Programs that include co-curricular aspects may count as long as there is an academic component of the program.

"---" indicates that no data was submitted for this field

The number of graduates covered by the sustainability learning outcomes :

179

Total number of graduates :

3302

A list of degree programs that have sustainability learning outcomes :

Graduate Degrees:
International & Development Economics
MA/MS
PhD
International Relations
MA/MS
PhD
Environmental Engineering
MA/MS
PhD
School of Forestry and Environmental Studies
Master of Forestry (M.F.)
Master of Forest Science (M.F.S.)
Master of Environmental Science (M.E.Sc.)
Master of Environmental Management (M.E.M.)
Doctor of Philosophy (Ph.D.) awarded by the Graduate School of Arts and Sciences

Yale College Majors:
Environmental Engineering
Environmental Studies
International Studies

The website URL where the publicly available sustainability course inventory that includes a list of degree programs that have specified sustainability learning outcomes is available :

A copy of the sustainability course inventory :

A list or sample of the sustainability learning outcomes associated with the degree programs :

Undergraduate Program in Sustainability

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution offers at least one sustainability-focused undergraduate major, degree program, or equivalent.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a major (e.g. a concentration on sustainable business within the business major) do not count for this credit.

"---" *indicates that no data was submitted for this field*

Does the institution offer an undergraduate degree program that meets the criteria for this credit? :

Yes

The name of the sustainability-focused, undergraduate degree program (1st program) :

Environmental Studies

The website URL for the program (1st program) :

http://evst.yale.edu/

The name of the sustainability-focused, undergraduate degree program (2nd program) :

Environmental Engineering

The website URL for the program (2nd program) :

http://www.seas.yale.edu/departments-chemical.php

The name of the sustainability-focused, undergraduate degree program (3rd program) :

The website URL for the program (3rd program) :

The name and website URLs of all other sustainability-focused, undergraduate degree program(s) :

Graduate Program in Sustainability

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution offers at least one sustainability-focused degree program or equivalent for graduate students.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count for this credit as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a degree program (e.g. a concentration on sustainable business within an MBA program) do not count for this credit.

"---" *indicates that no data was submitted for this field*

Does the institution offer a graduate degree program that meets the criteria for this credit? :

Yes

The name of the sustainability-focused, graduate-level degree program (1st program) :

Master of Environmental Management

The website URL for the program (1st program) :

http://environment.yale.edu/about/Master-of-Environmental-Management-MEM/

The name of the sustainability-focused, graduate-level degree program (2nd program) :

Master of Forest Science (MFS) and Master of Environmental Science (MESc)

The website URL for the program (2nd program) :

http://environment.yale.edu/academics/degrees/mfs-mesc/

The name of the sustainability-focused, graduate-level degree program (3rd program) :

Master of Forestry (MF)

The website URL for the program (3rd program) :

http://environment.yale.edu/academics/degrees/mf/

The name and website URLs of all other sustainability-focused, graduate-level degree program(s) :

oint Masters Degrees

Management Joint Degree (MBA)
Law Joint Degree (JD)
Architecture Joint Degree (MArch I or II)
International and Development Economics Joint Degree (MA)
International Relations Joint Degree (MA)
Divinity Joint Degree (MDiv or MAR)
Public Health Joint Degree (MPH)
Joint Masters Program with Universidad de los Andes: Moore Fellowship

http://environment.yale.edu/academics/degrees/

Sustainability Immersive Experience

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution offers at least one immersive, sustainability-focused educational study program. The program(s) may take place off-campus, overseas, or on-campus.

For this credit, the program meets one or both of the following criteria:

- it concentrates on sustainability, including its social, economic, and environmental dimensions or
- it examines an issue or topic using sustainability as a lens.

Immersive programs offered in partnership with outside entities may count for this credit. Programs offered exclusively by outside entities do not count for this credit.

"---" *indicates that no data was submitted for this field*

Does the institution offer a program that meets the criteria for this credit? :

Yes

A brief description of the sustainability-focused immersive experience(s) offered by the institution :

The School or Forestry and Environmental Studies requires all incoming Master's students to attend three week-long summer training modules in August. The summer "mods" develop students' skills associated with land measurement, mapping, geographical information systems, plant identification and urban issues and ecosystem analysis. Students spend a weak in each of New Haven, the Yale-Myers working Forest and Great Mountain Forest.

The website URL where information about the immersive experience is available :

Sustainability Literacy Assessment

Criteria

Part 1

Institution conducts an assessment of the sustainability literacy of its students. The sustainability literacy assessment focuses on knowledge of sustainability topics, not values or beliefs.

Part 2

Institution conducts a follow-up assessment of the same cohort group using the same instrument.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Incentives for Developing Sustainability Courses

Criteria

Institution has an ongoing program or programs that offer incentives for faculty in multiple disciplines or departments to develop new sustainability courses and/or incorporate sustainability into existing courses or departments. The program aims to increase student learning of sustainability.

Incentives may include release time, funding for professional development, and trainings offered by the institution.

Incentives for expanding sustainability offerings in academic, non■credit, and/or continuing education courses count for this credit.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Research

This subcategory seeks to recognize institutions that are conducting research related to or focused on sustainability. Conducting research is a major function of many colleges and universities. By researching sustainability issues and refining theories and concepts, higher education institutions can continue to help the world understand sustainability challenges and develop new technologies, strategies, and approaches to address those challenges.

Credit
Sustainability Research Identification
Faculty Engaged in Sustainability Research
Departments Engaged in Sustainability Research
Sustainability Research Incentives
Interdisciplinary Research in Tenure and Promotion

Sustainability Research Identification

Criteria

Part 1
Institution has developed a definition of sustainability research. The definition was developed by a committee comprised of at least three faculty members from different departments who conduct research. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

Part 2
Institution has identified its sustainability research activities and initiatives. This research inventory should include all research centers, laboratories, departments, and faculty members whose research focuses on or is related to sustainability.

Part 3
Institution makes its sustainability research inventory publicly available online.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Faculty Engaged in Sustainability Research

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution’s faculty members conduct research on sustainability topics.

Any level of sustainability research by a faculty member is sufficient to be included for this credit. In other words, a faculty member who conducts both sustainability research and other research may be included.

"---" *indicates that no data was submitted for this field*

The number of faculty members engaged in sustainability research :

107

The total number of faculty members engaged in research :

2893

Names and department affiliations of faculty engaged in sustainability research :

See attachment

The website URL where the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research is posted :

A copy of the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research :

SustainabilityRelatedResearch_Faculty.xls

Brief descriptions of up to 4 recent notable accomplishments by faculty engaged in sustainability research, including names and department affiliations :

Anthony Leiserowitz, Yale School of Forestry and Environmental Studies.

Report on "Extreme Weather, Climate & Preparedness in the American Mind"

http://environment.yale.edu/news/article/americans-connecting-extreme-weather-to-climate-change

/

Graeme Auld & Benjamin Cashore, Yale School of Forestry and Environmental Studies.

Book published: "Business Regulation and Non-State Actors: Whose Standards? Whose Development?" This volume assesses the achievements and limitations of a new set of non-state or stakeholder institutions that are concerned with improving the social and environmental record of business, and holding corporations to account.

Robert Mendelsohn, School of Management and School of Forestry & Environmental Studies

Journal Article in Nature Climate Change: "The impact of climate change on global tropical cyclone damage"

Mark Ashton, Brad Gentry, School of Forestry & Environmental Studies

Book Published: "Managing Forest Carbon in a Changing Climate" The goal of this volume is to provide guidance for advanced students, land managers and policymakers seeking to understand the complex science and policy of forest carbon as it relates to tangible problems of forest management and the more abstract problems of addressing drivers of deforestation and negotiating policy frameworks for reducing emissions from forests. It is an attempt at a comprehensive state-of-the-art review, encompassing the science of carbon sequestration in forests, management of forests for carbon and other values, and the socio-economic and policy implications and challenges of managing forests for carbon.

The website URL where information about sustainability research is available :

http://environment.yale.edu/research/

Departments Engaged in Sustainability Research

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution's academic departments include faculty members who conduct sustainability research.

Any level of sustainability research by a faculty member in a department is sufficient for this credit.

"---" *indicates that no data was submitted for this field*

The total number of academic departments that conduct research :

145

The number of academic departments in which at least one faculty member engages in sustainability research :

40

A list of academic departments in which at least one faculty member engages in sustainability research :

The website URL where the sustainability research inventory that includes the departments engaged in sustainability research is posted :

A copy of the sustainability research inventory that includes the departments engaged in sustainability research :

SustainabilityRelatedResearch_Faculty.xls

Sustainability Research Incentives

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1
Institution has an ongoing program to encourage students in multiple disciplines or academic programs to conduct research in sustainability. The program provides students with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and mentorships.

Part 2
Institution has an ongoing program to encourage faculty from multiple disciplines or academic programs to conduct research in sustainability topics. The program provides faculty with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and faculty development workshops.

"---" *indicates that no data was submitted for this field*

Does the institution have a program to encourage student sustainability research that meets the criteria for this credit? :

Yes

A brief description of the institution's program(s) to encourage student research in sustainability :

Yale has several sustainable/environmentally focused research centers in which students are encouraged to conduct sustainability research. They allow hands-on clinical and research experience by sponsoring student internships and projects, coordinating faculty research in areas of common interest, and creating symposia, conferences, newsletters and outreach programs. They include the following research centers:
The Center for Business & Environment
Center for Environmental Law & Policy
Center for Green Chemistry & Engineering
Center for Industrial Ecology
Environmental Leadership & Training Initiative
Global Institute for Sustainable Forestry
Hixon Center for Urban Ecology
Yale Project on Climate Change Communication
Yale Climate & Energy Institute

The website URL where information about the student research program is available :

http://environment.yale.edu/centers/

Does the institution have a program to encourage faculty sustainability research that meets the criteria for this credit? :

Yes

A brief description of the institution's program(s) to encourage faculty research in sustainability :

Yale has several sustainable/environmentally focused research centers in which Faculty are encouraged to conduct collaborative, cross-disciplinary sustainability research. They allow hands-on clinical and research experience by sponsoring student internships and projects, coordinating faculty research in areas of common interest, and creating symposia, conferences, newsletters and outreach programs. They include the following research centers:
The Center for Business & Environment
Center for Environmental Law & Policy
Center for Green Chemistry & Engineering
Center for Industrial Ecology
Environmental Leadership & Training Initiative
Global Institute for Sustainable Forestry
Hixon Center for Urban Ecology
Yale Project on Climate Change Communication
Yale Climate & Energy Institute

The website URL where information about the faculty research program is available :

http://environment.yale.edu/centers/

Interdisciplinary Research in Tenure and Promotion

Criteria

Institution gives positive recognition to interdisciplinary, transdisciplinary, and multidisciplinary research during faculty promotion and tenure decisions.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Operations

Buildings

This subcategory seeks to recognize institutions that are taking steps to improve the sustainability performance of their buildings. Buildings are generally the largest user of energy and the largest source of greenhouse gas emissions on campuses. Buildings also use significant amounts of potable water. Institutions can design, build, and maintain buildings in ways that provide a safe and healthy indoor environment for inhabitants while simultaneously mitigating the building's impact on the outdoor environment.

Credit
Building Operations and Maintenance
Building Design and Construction
Indoor Air Quality

Building Operations and Maintenance

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution owns and operates buildings that are:

1) Certified under the LEED® for Existing Buildings: Operations & Maintenance (O&M) Green Building Rating System,

and/or

2) Operated and maintained in accordance with sustainable operations and maintenance guidelines and policies that cover the following:

- Impacts on the surrounding site
- Energy consumption
- Usage of environmentally preferable materials
- Indoor environmental quality
- Water consumption

Submission Note:

Yale has both Design Standards (that incorporate sustainable design and construction) and green cleaning standards that available for public viewing online.

http://www.facilities.yale.edu/publications/GreenCleaning.pdf

and

http://www.facilities.yale.edu/sustainableDesign.shtml

"---" *indicates that no data was submitted for this field*

Total building space that meets "Eligible Buildings Criteria" :

14720416 *Square Feet*

Building space that is maintained in accordance with sustainable building operations and maintenance guidelines or policies but is NOT certified under LEED for Existing Buildings: O&M :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Silver certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Gold certified :

307755 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Platinum certified :

0 *Square Feet*

The website URL where a copy of the institution's guidelines or policies for sustainable building operations and maintenance is available :

http://www.facilities.yale.edu/sustainableDesign.shtml

An electronic copy of the guidelines or policies :

The date(s) the policies or guidelines were adopted :

2007

A brief description of how the institution ensures compliance with sustainable building operation and maintenance guidelines and policies :

Yale's commitment to sustainability is grounded in the Environmental Principles that were adopted by the Yale Corporation in 2003. The principles were intended to guide the University's activities in a way that protects and enhances the environment. The second principle addresses the goal for Facilities Planning & Construction. The Sustainable Design Requirements stipulate that all new building construction and comprehensive renovations will be designed and built to LEED standards to achieve at least a Gold rating or above. In addition, projects of a designated Limited Scope and Small Scope that do not qualify for LEED certification will conform to similar sustainable design and construction practices.

Environmental Principles
Yale University will:
1. Manage its operations and facilities in a manner that protects and enhances the local and global environments, assesses the impact of its operations and facilities on the environment, sets quantitative goals for environmental performance and monitors its environmental progress.
2. Strive for outstanding environmental performance in the design, renovation and construction of its facilities.
3. Define and move toward environmental sustainability through wise use of resources, purchasing recycled products, conservation, reuse and recycling of materials and supplies, waste minimization and the management of energy use.
4. Incorporate environmental education, management and training into its objectives and practices.
5. Strive for continuous environmental improvement across the entire range of its operations.

The names and certification levels of all buildings that are certified under LEED for Existing Buildings: O&M :

http://sustainability.yale.edu/buildings-and-construction

The names of all buildings operated and maintained in accordance with similar sustainable operations and maintenance guidelines and policies :

http://sustainability.yale.edu/buildings-and-construction

Building Design and Construction

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution-owned buildings that were constructed or underwent major renovations in the past three years are:

1) Certified under the LEED® for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems,

and/or

2) Designed and built in accordance with green building guidelines and policies that cover the following topics:

- Impacts on the surrounding site
- Energy consumption
- Usage of environmentally preferable materials
- Indoor environmental quality
- Water consumption

"---" *indicates that no data was submitted for this field*

New building space that meets "Eligible Buildings Criteria" :

330169 *Square Feet*

New building space that was designed and constructed in accordance with green building policies or guidelines but not LEED certified :

0 *Square Feet*

New building space that is LEED Certified :

0 *Square Feet*

New building space that is LEED Silver certified :

52635 *Square Feet*

New building space that is LEED Gold certified :

160781 *Square Feet*

New building space that is LEED Platinum certified :

116753 *Square Feet*

The website URL where a copy of the institution's guidelines or policies for green building is available :

http://www.facilities.yale.edu/sustainableDesign.shtml

An electronic copy of the guidelines or policies :

The date(s) the policies or guidelines were adopted :

2007

A brief description of how the institution ensures compliance with green building design and construction guidelines and policies :

Yale's commitment to sustainability is grounded in the Environmental Principles that were adopted by the Yale Corporation in 2003. The principles were intended to guide the University's activities in a way that protects and enhances the environment. The second principle addresses the goal for Facilities Planning & Construction. The Sustainable Design Requirements stipulate that all new building construction and comprehensive renovations will be designed and built to LEED standards to achieve at least a Gold rating or above. In addition, projects of a designated Limited Scope and Small Scope that do not qualify for LEED certification will conform to similar sustainable design and construction practices.
Environmental Principles
Yale University will:
1. Manage its operations and facilities in a manner that protects and enhances the local and global environments, assesses the impact of its operations and facilities on the environment, sets quantitative goals for environmental performance and monitors its environmental progress.
2. Strive for outstanding environmental performance in the design, renovation and construction of its facilities.
3. Define and move toward environmental sustainability through wise use of resources, purchasing recycled products, conservation, reuse and recycling of materials and supplies, waste minimization and the management of energy use.
4. Incorporate environmental education, management and training into its objectives and practices.
5. Strive for continuous environmental improvement across the entire range of its operations.

The names of all buildings that are certified under the LEED for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems :

http://sustainability.yale.edu/buildings-and-construction

The names of all buildings designed and constructed in accordance with green building guidelines and policies but not

LEED certified :

Indoor Air Quality

Criteria

Institution has adopted an indoor air quality management policy, plan, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints. Policies and plans adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Climate

This subcategory seeks to recognize institutions that are measuring and reducing their greenhouse gas emissions. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries.

Credit
Greenhouse Gas Emissions Inventory
Greenhouse Gas Emissions Reduction
Air Travel Emissions
Local Offsets Program

Greenhouse Gas Emissions Inventory

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has conducted a GHG emissions inventory covering its Scope 1 and Scope 2 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

Part 2

Institution has conducted a GHG emissions inventory covering Scope 3 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

"---" *indicates that no data was submitted for this field*

The website URL where the GHG emissions inventory is posted :

http://sustainability.yale.edu/sustainability-materials

Does the inventory include all Scope 1 and 2 emissions? :

Yes

Does the inventory include emissions from air travel? :

Yes

Does the inventory include emissions from commuting? :

Yes

Does the inventory include embodied emissions from food purchases? :

No

Does the inventory include embodied emissions from other purchased products? :

Yes

Does the inventory include emissions from solid waste disposal? :

Yes

Does the inventory include another Scope 3 emissions source not covered above? :

No

If yes, please specify :

Does the inventory include a second Scope 3 emissions source not covered above? :

If yes, please specify :

Does the inventory include a third Scope 3 emissions source not covered above? :

If yes, please specify :

Does the inventory include a fourth Scope 3 emissions source not covered above? :

If yes, please specify :

Greenhouse Gas Emissions Reduction

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution reduced its net Scope 1 and Scope 2 GHG emissions per weighted campus user compared to a 2005 baseline.

For this credit, off-site, institution-catalyzed carbon offsets (i.e. those popularly known as “local offsets”) count in full. Purchased carbon offsets that have been verified by a third party may count towards a portion of the reduction. Purchased offsets that have not been third-party verified do not count.

To conduct a GHG emissions inventory, campuses may use any methodology and/or calculator that is consistent with the Greenhouse Gas Protocol's Corporate Accounting and Reporting Standards.

The baseline GHG emissions inventory should include the same emissions sources as the performance year emissions inventory.

"---" *indicates that no data was submitted for this field*

Scope 1 and 2 gross GHG emissions, 2005 :

260700 *Metric Tons of CO2 Equivalent*

Off-site, institution-catalyzed carbon offsets generated, 2005 :

0 *Metric Tons of CO2 Equivalent*

Third-party verified carbon offsets purchased, 2005 :

0 *Metric Tons of CO2 Equivalent*

On-campus residents, 2005 :

5546

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

17730

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

0

Scope 1 and 2 gross GHG emissions, performance year :

230619 *Metric Tons of CO2 Equivalent*

Off-site, institution-catalyzed offsets generated, performance year :

0 *Metric Tons of CO2 Equivalent*

Carbon offsets purchased, performance year :

0 *Metric Tons of CO2 Equivalent*

List the start and end dates of the GHG emissions performance year :

July 1, 2010 - June 30, 2011

On-campus residents, performance year :

5534

Non-residential/commuter full-time students, faculty, and staff members, performance year :

20846

Non-residential/commuter part-time students, faculty, and staff members, performance year :

0

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with GHG performance year) :

September 1, 2010 - August 31, 2011

Air Travel Emissions

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have policies and/or programs in place to reduce emissions from air travel? :

Yes

A brief description of the policies and/or programs :

The University provides several multimedia video-conferencing and facilities and studios that are accessible to all faculty and students. These allow the Yale community to engage with other institutions and the media without having to travel.

The website URL where information about the policies and/or programs is available :

http://www.yale.edu/its/network/videoconferencing.html

Local Offsets Program

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a local offsets program through which the institution seeks to offset its greenhouse gas emissions by implementing projects that reduce GHG emissions in the local community? :

Yes

A brief description of the program :

The Yale Community Carbon Fund is a joint project of the Office of Sustainability and the Center for Business and Environment at Yale to support local carbon mitigation projects that go beyond Yale's immediate campus. The long-term goal of the Carbon Fund is to assist the University in reaching its greenhouse gas reduction targets by implementing local energy efficiency and renewable energy projects that benefit the New Haven community.

The website URL where information about the program is available :

http://sustainability.yale.edu/carbonfund

Dining Services

This subcategory seeks to recognize institutions that are supporting a sustainable food system. Modern industrial food production often has deleterious environmental impacts. Pesticides and fertilizers used in agriculture can contaminate ground and surface water, which has potentially dangerous impacts on wildlife and human health. Furthermore, the often long-distance transportation of food to institutions produces greenhouse gas emissions and other pollution. Additionally, farm workers are often paid substandard wages, subjected to harsh working conditions, and exposed to dangerous pesticides. Institutions can use their food purchases to support their local economies; encourage safe, environmentally-friendly farming methods; and help alleviate poverty for farmers.

Please note that while dining services can also play an important role in conserving energy and water, reducing waste, and purchasing environmentally preferable materials other than food, STARS measures these impacts across the institution instead of by department; therefore, the benefits of these actions are captured in the Energy, Water, Waste, and Purchasing subcategories, respectively.

Credit
Food and Beverage Purchasing
Trayless Dining
Vegan Dining
Trans-Fats
Guidelines for Franchisees
Pre-Consumer Food Waste Composting
PostConsumer Food Waste Composting
Food Donation
Recycled Content Napkins
Reusable Container Discounts
Reusable To-Go Containers

Food and Beverage Purchasing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

This credit includes food and beverage purchases for on-campus dining services operated by the institution or the institution's primary on-site contractor. Institution purchases food and beverages that meet at least one of the following criteria:

- Grown and processed within 250 miles of the institution
- Third-party certified (USDA Certified Organic, Marine Stewardship Council Blue Ecolabel, Food Alliance, Fair Trade, Certified Humane Raised and Handled)

Food and beverage purchases that meet multiple criteria listed above should not be double-counted.

This credit includes food and beverage purchases for on-campus dining operations and catering services operated by the institution or the institution's primary dining services contractor (e.g. Aramark, Bon Appétit Management Company, Chartwells, Sodexo). On-site franchises, convenience stores, vending machines, or concessions are excluded from this credit unless they are operated by the institution or the institution's primary on-site contractor..

"---" *indicates that no data was submitted for this field*

Percentage of food expenditures that meet one or more of the criteria for this credit (0 - 100) :

11.30

A brief description of the sustainable food and beverage purchasing program :

Yale Dining is passionately committed to sustainability. We have integrated these values in every aspect of our operation and decision making processes. We believe through this we will provide healthier food, that tastes great and is good for the environment and the people in our community.
Strategic Initiatives:

1.Continue to develop sustainable supply chain management
2.Reduce non-renewable resources used and waste produced
3.Use Recycling to minimize operational and environmental impact from waste
4.Provide ongoing education through information, training and developmental models for students, guests and employees
5.Develop ongoing partnerships with other Yale entities, peer institutions, industry, supply chains, and local, regional, and national resources to develop sustainability initiatives and promote shared learning and resources

The Website URL where information about the institution's sustainable food and beverage purchasing efforts is available :

http://www.yale.edu/dining/about/sustainability.html

Trayless Dining

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a trayless dining program in which trays are removed from or not available in dining halls? :

Yes

A brief description of the trayless dining program :

Yale Dining has partnered with the Student Task-force for Environmental Partnership (STEP) to encourage tray-less dining in the residential halls. Last year STEP conducted a comprehensive post-consumer food waste measurement campaign in order to assess the effect of tray-less dining on food waste. The results were dramatic: tray-less diners wasted 2/3rds less food than diners with trays. With this data at the core of its tray-less promotional materials, STEP has successfully encouraged roughly 30% of diners to go tray-less.

Due to the logistical challenges of dish collection (many of Yale Dining facilities depend upon tray racks in order to transport dishes to the wash room) and political opposition to mandatory removal of trays, it is presently difficult to remove trays from our dining halls entirely.
Yale Dining is currently in the process of updating the infrastructure so as to make tray-less dining a more viable option for everyone.

List the year the program was started :

Sept. 1, 2009

The overall percentage of meals served on campus that are trayless :

75

The percentage of meal plan meals served on campus that are trayless :

80

The percentage of retail facility meals served on campus that are trayless :

60

The percentage of conference meals served on campus that are trayless :

70

The website URL where information about the program is available :

http://www.yale.edu/dining/about/sustainability.html

Vegan Dining

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution offer diverse, complete-protein vegan dining options during every meal? :

Yes

A brief description of the vegan dining program :

Yale Dining has won PETA's award for vegan-friendly food service multiple years running. The hot entrée selection always includes at least one vegetarian and one vegan option.

Yale Dining salad bar offerings were recently updated under the supervision of acclaimed chef and cookbook author Joyce Goldstein. Yale's dining halls now offer two fresh composed salads alongside their deconstructed ingredients, a choice of six to eight raw or blanched vegetables or protein add-ins, two varieties of greens, and four-to-six house-made dressings.

The website URL where information about the program, policy, or practice is available :

Trans-Fats

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use frying oil that does not include trans-fats and seek to avoid foods that include trans-fats in its dining operations? :

Yes

A brief description of the trans-fats avoidance program, policy, or practice :

Trans-fats have been eliminated from the Yale Dining halls.

The website URL where information about the program, policy, or practice is available :

Guidelines for Franchisees

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

This credit was marked as **Not Applicable** for the following reason:

Institution does not have food service franchisees operating on campus.

Pre-Consumer Food Waste Composting

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a pre-consumer food waste composting program? :

Yes

A brief description of the pre-consumer food waste composting program :

In combination with our post-consumer food waste composting, Yale Dining composts tens of thousands of pounds of food waste each month.

The overall percentage of meals for which pre-consumer scraps are composted :

100

The percentage of meal plan meals for which pre-consumer scraps are composted :

100

The percentage of retail facility meals for which pre-consumer scraps are composted :

0

The percentage of conference meals for which pre-consumer scraps are composted :

10

The website URL where information about the composting program is available :

PostConsumer Food Waste Composting

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a postconsumer food waste composting program? :

Yes

A brief description of the postconsumer food waste composting program :

In combination with our pre-consumer food waste composting, Yale Dining composts tens of thousands of pounds of food waste each month.

The percentage of overall meals for which postconsumer composting is available :

100

The percentage of meal plan meals for which postconsumer composting is available :

100

The percentage of retail facilities for which postconsumer composting is available :

0

The percentage of conference meals for which postconsumer composting is available :

10

The website URL where information about the composting program is available :

Food Donation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution donate leftover or surplus food? :

Yes

A brief description of the food donation program :

Yale Dining donates as much food as possible to local food banks and soup kitchens (health code regulations prohibit food that has been taken into the servery from being donated).

The website URL where information about the food donation program is available :

Recycled Content Napkins

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use recycled content napkins in its dining service operations? :

Yes

A brief description of the purchasing behavior :

Yale Dining Services purchases recycled content napkins for its dining service operations.

The website URL where information about the purchasing is available :

Reusable Container Discounts

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does campus dining operations offer discounts to customers who use reusable mugs instead of disposable cups in to-go food service operations? :

Yes

A brief description of the reusable mug program :

Yale Dining has eliminated free disposable cups and instead charges for cups (at the prohibitive cost of 25 cents each). In their place Yale Dining has given every student on the meal plan a free stainless-steel travel mug. Students bring both beverages and solid food out of the dining halls using these durable containers.
Note: the 0.25 listed is the charge per disposable cup used.

Amount of the discount offered for using reusable mugs :

0.25

Description of other reusable food- or beverage-related programs (e.g. incentives for use of reusable bags, dishware, to-go containers) :

Yale Dining does not presently offer conventional to-go containers, but the freely distributed stainless mugs mentioned above can be used for solid food.

The website URL where information about the reusable mug discount program is available :

Reusable To-Go Containers

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does campus dining operations provide reusable containers for to-go food that are returned for cleaning and reuse? :

Yes

A brief description of the reusable to-go container program :

Yale Dining does not presently offer conventional to-go containers, but the freely distributed stainless mugs mentioned above can be used for solid food.

The website URL where information about the reusable to-go container program is available :

Energy

This subcategory seeks to recognize institutions that are reducing their energy consumption through conservation and efficiency, and switching to cleaner and renewable sources of energy such as solar, wind, geothermal, and low-impact hydropower. For most institutions, energy consumption is the largest source of greenhouse gas emissions, which cause global warming. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries. In addition to causing global warming, energy generation from fossil fuels, especially coal, produces air pollutants such as sulfur dioxide, nitrogen oxides, mercury, dioxins, arsenic, cadmium and lead. These pollutants contribute to acid rain as well as health problems such as heart and respiratory diseases and cancer. Coal mining and oil and gas drilling can also damage environmentally and/or culturally significant ecosystems. Nuclear power creates highly toxic and long-lasting radioactive waste. Large-scale hydropower floods habitat and disrupts fish migration.

Implementing conservation measures and switching to renewable sources of energy can help institutions save money and protect them from utility rate volatility. Renewable energy may be generated locally and allow campuses to support local economic development. Furthermore, institutions can help shape markets by creating demand for cleaner, renewable sources of energy.

Credit
Building Energy Consumption
Clean and Renewable Energy
Timers for Temperature Control
Lighting Sensors
LED Lighting
Vending Machine Sensors
Energy Management System
Energy Metering

Building Energy Consumption

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has reduced its total building energy consumption per gross square foot of building space compared to a 2005 baseline.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBtu

"---" *indicates that no data was submitted for this field*

Total building energy consumption, 2005 :

6795940 *MMBtu*

Building space, 2005 :

14560000 *Gross Square Feet*

Total building energy consumption, performance year :

6891268 *MMBtu*

Building space, performance year :

18975270 *Gross Square Feet*

List the start and end dates of the energy consumption performance year :

July 1,2010 - June 30, 2011

Clean and Renewable Energy

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution supports the development and use of clean and renewable energy sources using any one or combination of the following options.

Option 1: Generating electricity from clean and renewable energy sources on campus and retaining or retiring the rights to the environmental attributes of such electricity. (In other words, if the institution has sold Renewable Energy Credits for the clean and renewable energy it generated, it may not claim such energy here). The on-site renewable energy generating devices may be owned and/or maintained by another party as long as the institution has contractual rights to the associated environmental attributes.

Option 2: Using renewable sources for non-electric, on-site energy generation, such as biomass for heating.

Option 3: Catalyzing the development of off-site clean and renewable energy sources (e.g. an off-campus wind farm that was designed and built to supply electricity to the institution) and retaining the environmental attributes of that energy.

Option 4: Purchasing the environmental attributes of electricity in the form of Renewable Energy Certificates (RECs) or other similar renewable energy products that are either Green-e Energy certified or meet Green-e Energy's technical requirements and are verified as such by a third party, or purchasing renewable electricity through the institution's electric utility through a certified green power purchasing option.

Option 5: Using cogeneration technologies to generate electricity more efficiently. Note: generating electricity using cogeneration technology and a renewable fuel, such as biomass, is considered Option 1 and should not be counted twice.

Since this credit is intended to recognize institutions that are generating new sources of clean and renewable energy, neither the electric grid mix for the region in which the institution is located nor the grid mix reported by the electric utility that serves the institution count for this credit.

Technologies that reduce the amount of energy used but do not generate renewable energy do not count for this credit. For example, daylighting, passive solar design, and ground-source heat pumps are not counted in this credit. The benefits of such strategies are captured by *OP Credit 5: Greenhouse Gas Emissions Reductions* and *OP Credit 7: Building Energy Consumption*.

Transportation fuels, which are covered by *OP Credit 14: Campus Fleet*, are not included in this credit.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBTU

"---" indicates that no data was submitted for this field

Option 1: Total clean and renewable electricity generated on site during the performance year and for which the institution retains or has retired the associated environmental attributes :

5226 *MMBtu*

Option 2: Non-electric renewable energy generated :

22507 *MMBtu*

Option 3: Total clean and renewable electricity generated by off-site projects that the institution catalyzed and for which the institution retains or has retired the associated environmental attributes :

0 *MMBtu*

Option 4: Total RECs and other similar renewable energy products that the institution purchased during the performance year that are Green-e certified or meet the Green-e standard's technical requirements and are third party verified :

0 *MMBtu*

Option 5: Total electricity generated with cogeneration technology using non-renewable fuel sources :

3679997 *MMBtu*

Total energy consumed during the performance year :

4285138 *MMBtu*

A brief description of on-site renewable electricity generating devices :

Onsite renewable energy sources include the following:
250KW Fuel Cell
105kw Solar Array
40kw Solar Array
24.5 Thin Film Solar Array
Ten 1kw micro wind turbines

A brief description of on-site renewable non-electric energy devices :

Geothermal heat and cooling for two buildings: Kroon Hall and the Greenburg Conference Center Center. Solar hot water at Kroon Hall.

A brief description of off-site, institution-catalyzed, renewable electricity generating devices :

A brief description of RECs or other similar renewable energy products purchased during the previous year, including contract timeframes :

A brief description of cogeneration technologies deployed :

Yale has 2 power plant facilities that are both co-generation.

Central Power Plant: 18 megawatts of electricity and 340,000 pounds per hour of steam for heating. The facility also has five steam driven chillers that can provide the campus with 14,600 tons of chilled water when at full capacity.

Sterling Power Plant: 15 megawatt cogneration facility, Sterling power plant supplies the Yale Medical School and Yale New Haven Hospital with steam, chilled water and electricity.

The website URL where information about the institution's renewable energy sources is available :

http://sustainability.yale.edu/renewable_energy

Timers for Temperature Control

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use timers to regulate temperatures based on occupancy hours in at least one building? :

Yes

A brief description of the technology used :

A number of buildings use timers to regulate temperature. The sustainability website includes descriptions of LEED certified buildings including the technologies employed.
This links to the description of one such building

http://sustainability.yale.edu/sculpture-building

The percentage of building space (square footage) with timers for temperature control :

The website URL where information about the practice is available :

http://sustainability.yale.edu/buildings-and-construction

Lighting Sensors

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use motion, infrared, and/or light sensors to reduce energy use for lighting in at least one building? :

Yes

A brief description of the technology used :

A number of buildings use timers and sensors to manage lighting.

For instance, in Kroon Hall natural light is augmented with artificial light to maintain a constant lighting level;
the latter is also controlled by sensors that shut off automatically if no one is present.

http://sustainability.yale.edu/kroon

The percentage of building space with lighting sensors :

The website URL where information about the institution's use of the technology is available :

http://sustainability.yale.edu/buildings-and-construction

LED Lighting

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use Light Emitting Diode (LED) technology in at least one lighting application? LED applications in exit signs and remote controls do not count for this credit. :

Yes

A brief description of the technology used :

Yale is currently piloting LED sidewalk lighting as well as expanding their usage in other applications such as parking garages.

The percentage of building space with LED lighting :

The percentage of parking deck space with LED lighting :

The percentage of outdoor space that uses LED lighting :

The percentage of building space with efficient, non-LED lighting (compact fluorescent, automatic daylight shutoff, or other energy-saving features) :

The website URL where information about the institution's use of the technology is available :

Vending Machine Sensors

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Has the institution installed vending machine motion sensors for at least one vending machine? :

Yes

A brief description of the technology used :

Installed Vending Misers technology on all soda machines. Result: eliminates approximately 70 tons of GHG emissions annually

The percentage of vending machines with sensors :

The website URL where information about the institution's use of the technology is available :

http://java.facilities.yale.edu/cmp/whatIsYaleDoing.htm

Energy Management System

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use a centralized energy management system that allows it to track energy consumption and performance in multiple buildings in a central location? :

Yes

A brief description of the management system :

Yes, Yale uses the GE iFix program (using a secured system) from a central location to monitor and record steam, chilled water and electrical usage for the campus.

The percentage of building space monitored with a centralized energy management system :

90

A description of what systems are shut down during unoccupied periods :

The website URL where information about the institution's use of the technology is available :

http://www.facilities.yale.edu/public/Energy.html

Energy Metering

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution meter all energy consumption (electricity, natural gas, purchased steam, etc.) for at least one building? :

Yes

A brief description of the metering system :

Yale has a co-gen central power plant that is powered by natural gas. Electricity,steam, and chilled water is distributed to Yale buildings. Each building has a meter that records the electricity, steam and chilled water consumption.

The percentage of building space with energy metering :

90

The website URL where information about the metering system is available :

http://www.facilities.yale.edu/public/Energy.html

Grounds

This subcategory seeks to recognize institutions that plan and maintain their grounds with sustainability in mind. Beautiful and welcoming campus grounds can be planned, planted, and maintained in any region while minimizing the use of toxic chemicals, protecting wildlife habitat, and conserving water and resources.

Credit
Integrated Pest Management
Native Plants
Wildlife Habitat
Tree Campus USA
Snow and Ice Removal
Landscape Waste Composting

Integrated Pest Management

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution’s grounds are developed and maintained in accordance with an integrated pest management plan that adheres to the following four-tiered approach:

1) Set action thresholds

2) Monitor and identify pests

3) Prevention

4) Control

"---" *indicates that no data was submitted for this field*

The size of the campus grounds :

447 *Acres*

The size of campus grounds that are maintained in accordance with a four-tiered IPM plan :

312 *Acres*

A brief description of the IPM plan(s) :

Yale manages its central grounds using an Integrated Pest Management approach based upon historical data, level of pest activity and acceptable thresholds, type of plant, location and plant community courses of action are considered.

The website URL where information about the IPM plan(s) is available :

Native Plants

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution prioritize the use of native plant species in landscaping? :

Yes

A brief description of the native plant program, policy, or practice :

Yale Design Standards requires the use of native plants for new buildings.

The website URL where information about the program, policy, or practice is available :

http://www.facilities.yale.edu/sustainableDesign.shtml

Wildlife Habitat

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have programs in place to protect and/or create wildlife habitat on institution-owned land? :

Yes

A brief description of the wildlife habitat program, policy, or practice :

The Yale School of Forestry and Environmental Studies owns 10,880 acres of forestland in Connecticut, New Hampshire, and Vermont that are managed by the School Forests Program. The largest single piece of land, the Yale Myers Forest comprises almost 8000 acres and is managed as a sustainable working forest. It is used for educational purposes and managed for ecosystem services. Extensive information can be found at the School of Forestry and Environmental Studies website, below.

The website URL where information about the program, policy, or practice is available :

http://environment.yale.edu/forests/

Tree Campus USA

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Snow and Ice Removal

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Has the institution implemented technologies or strategies to reduce the environmental impacts of snow and ice removal? :

Yes

A brief description of the snow and ice removal program, policy, or practice :

In an effort to minimize the use of salt Yale Facilities Grounds Maintenance manages snow removal on a case by case storm event and assess the required use of salt based on the intensity of the storm and location of accumulated snow.

The website URL where information about the program, policy, or practice is available :

Landscape Waste Composting

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution compost or mulch waste from grounds keeping, including grass trimmings? :

Yes

A brief description of the composting or mulching program :

Grass clippings are not collected but mulched in situ. Other organic waste from grounds keeping (tree clippings, brush, etc) is collected and sent for composting with Yale's other organic waste.

The percentage of landscape waste that is mulched or composted onsite :

The percentage of landscape waste that is mulched or composted off-site :

The website URL where information about the program, policy, or practice is available :

Purchasing

This subcategory seeks to recognize institutions that are using their purchasing power to help build a sustainable economy. Collectively, colleges and universities spend many billions of dollars on goods and services annually. Each purchasing decision represents an opportunity for institutions to choose environmentally and socially preferable products and services and support companies with strong commitments to sustainability.

Credit
Computer Purchasing
Cleaning Products Purchasing
Office Paper Purchasing
Vendor Code of Conduct
Historically Underutilized Businesses
Local Businesses

Computer Purchasing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Electronic Product Environmental Assessment Tool (EPEAT) Silver or higher products. This can take the form of purchasing policies, guidelines, or directives. This credit does not include specialized computers for which no EPEAT certified products are available. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases Electronic Product Environmental Assessment Tool (EPEAT) Silver and/or Gold registered products for standard desktop and notebook/laptop computers and monitors. This credit does not include specialized computers for which no EPEAT certified products are available.

"---" *indicates that no data was submitted for this field*

Does the institution have an institution-wide stated preference to purchase EPEAT Silver or higher computers and monitors? :

Yes

The website URL where the EPEAT policy, directive, or guidelines are posted :

http://www.yale.edu/procurement/greenPurchase/officeEquip/computers.html

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

Yale Procurement encourages purchasing computer products that meet certain standards. While this is not technically, enforced, in practice all procurement is done according to the standards. 100% of Yale's computer products are EPEAT certified.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on EPEAT computers)? :

Yes

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

11793035 *US/Canadian $*

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

0 *US/Canadian $*

Total expenditures on desktop and laptop computers and monitors :

11793035 *US/Canadian $*

Cleaning Products Purchasing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Green Seal™ or EcoLogo™ certified cleaning products. The stated preference can take the form of purchasing policies, guidelines, or directives to purchase green cleaning products. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution's main cleaning or housekeeping department(s) and/or contractor(s) purchase Green Seal or EcoLogo certified cleaning products. This credit does not include cleaning products for which no Green Seal or EcoLogo certified products are available.

"---" *indicates that no data was submitted for this field*

Does the institution have an institution-wide stated preference to purchase Green Seal (tm) or EcoLogo (tm) certified cleaning products? :

Yes

The website URL where the green cleaning product purchasing policy, directive, or guidelines are posted :

http://www.facilities.yale.edu/publications/GreenCleaning.pdf

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

A Green Cleaning Committee was established to determine, and guide the implementation of, best practices for institutional cleaning. The committee meets monthly and is comprised of individuals from: Yale Custodial Services; environmental Health & Safety; the Office of Sustainability; Recycling; and Materials Management - Facilities. Four subcommittees have been formed to review and make recommendations on: Training and Procedures; Purchasing; Testing; and Outreach and Education.
Yale Custodial Services is committed to a process of continual investigation into products, equipment, tools and procedures that are safe for our environment and health. The purpose of these standards are to: 1) limit faculty, staff, student and visitor exposure to toxic chemicals high in irritants and volatile organic compounds (VOCs); 2) protect the natural environment from hazardous chemical contaminants; 3) reduce energy and water use during the cleaning process. These standards will be reevaluated on an annual basis in order to keep current with

industry standards, new technology and an evolving market of new products.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on cleaning products)? :

Yes

Expenditures on Green Seal and/or EcoLogo certified cleaning products :

35696 *US/Canadian $*

Total expenditures on cleaning products :

138916 *US/Canadian $*

A copy of the sections of the cleaning contract(s) that reference certified green products :

Office Paper Purchasing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase recycled content office paper. This can take the form of purchasing policies, guidelines, or directives to purchase recycled content office paper. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases recycled content office paper.

"---" *indicates that no data was submitted for this field*

Does the institution have an institution-wide stated preference to purchase recycled content office paper? :

Yes

The URL where the recycled paper policy, directive, or guidelines are posted :

http://www.yale.edu/ppdev/Guides/purchase/3201GD.02.pdf

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

To make it easier for the community to make environmentally preferable paper choices, Yale University Procurement has secured favorable pricing with Office Max on the recommended 30% recycled-content paper that is below the cost of virgin paper.
Additionally, when staff go to the procurement website (SciQuest) the only option is 30% content and to purchase virgin paper you must take extra steps through the website search engine.

Does the institution wish to pursue points for Part 2 of this credit (expenditures on recycled paper)? :

Yes

Expenditures on 10-29 percent recycled-content office paper :

0 *US/Canadian $*

Expenditures on 30-49 percent recycled-content office paper :

489675 *US/Canadian $*

Expenditures on 50-69 percent recycled-content office paper :

101640 *US/Canadian $*

Expenditures on 70-89 percent recycled-content office paper (required if claiming points for Part 2) :

0 *US/Canadian $*

Expenditures on 90-100 percent recycled-content office paper :

47059 *US/Canadian $*

Total expenditures on office paper :

659763 *US/Canadian $*

Vendor Code of Conduct

Criteria

Institution has and acts on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business. Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Historically Underutilized Businesses

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution seek to support historically underutilized businesses, minority-owned businesses, and women owned-businesses? :

Yes

A brief description of how the institution meets the criteria :

As part of the University's desire to promote diversity, Purchasing Services encourages the solicitation and use of diversity suppliers for goods and services whenever possible. In addition, the use of diversity suppliers is a requirement for purchases related to many of the University's sponsored awards. Diversity suppliers include:
• Minority business enterprises (MBE),
• Women-owned business enterprises (WBE),
• Small or disabled veteran suppliers, and
• Historically underutilized businesses (HUBZone).
The Preparer should research and include diversity suppliers in the identification and solicitation exercise. There are many resources online to assist in locating diversity suppliers, including the Small Business Administration's Central Contractor Registration (CCR) system and the Connecticut Minority Supplier Development Council. Purchasing Services is also available to direct Preparers to qualified diversity suppliers

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/ppdev/policy/3201/3201.pdf

Local Businesses

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution give preference to local products and businesses in its purchasing decisions? Local food purchases, which are covered in OP Credit 6: Food Purchasing, are not included in this credit. :

Yes

A brief description of the program :

Through the University's Buy New Haven program, which is dedicated to enhancing the economic vitality of the City of New Haven, departments are encouraged to use suppliers located in the City of New Haven in the purchase of goods and services to the extent practical and economically feasible. Purchasing Services, in cooperation with the Office of New Haven and State Affairs, has identified several local suppliers of commonly purchased goods and services. These suppliers are designated as "BNH" in the University Buying Guide

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/ppdev/policy/3201/3201.pdf

Transportation

This subcategory seeks to recognize institutions that are moving toward sustainable transportation systems. Transportation is a major source of greenhouse gas emissions and other pollutants that contribute to health problems such as heart and respiratory diseases and cancer. Due to disproportionate exposure, these health impacts are frequently more pronounced in low-income communities next to major transportation corridors. In addition, the extraction, production, and global distribution of fuels for transportation can damage environmentally and/or culturally significant ecosystems and may financially benefit hostile and/or oppressive governments.

At the same time, campuses can reap benefits from modeling sustainable transportation systems. Bicycling and walking provide human health benefits and mitigate the need for large areas of paved surface, which can help campuses to better manage storm water. Institutions may realize cost savings and help support local economies by reducing their dependency on petroleum-based fuels for transportation.

Credit
Campus Fleet
Student Commute Modal Split
Employee Commute Modal Split
Bicycle Sharing
Facilities for Bicyclists
Bicycle and Pedestrian Plan
Mass Transit Programs
Condensed Work Week
Telecommuting
Carpool/Vanpool Matching
Cash-out of Parking
Carpool Discount
Local Housing
Prohibiting Idling
Car Sharing

Campus Fleet

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet (cars, trucks, tractors, buses) vehicles that are:

1. Gasoline-electric hybrid
2. Diesel-electric hybrid
3. Plug-in hybrid
4. 100 percent electric
5. Fueled with Compressed Natural Gas (CNG)
6. Hydrogen fueled
7. Fueled with B20 or higher biofuel for more than 6 months of the year; and/or
8. Fueled with E85 or higher ethanol for more than 6 months of the year.

For this credit, the institution’s motorized fleet includes all institution-owned and operated vehicles that are used for transporting people and/or goods. Heavy construction equipment (e.g. excavators and pavers) and maintenance equipment (e.g. lawn-mowers and leaf blowers) are not included in this credit.

"---" *indicates that no data was submitted for this field*

Gasoline-electric, non-plug-in hybrid vehicles in the institution’s fleet :

24

Diesel-electric, non-plug-in hybrid vehicles in the institution’s fleet :

0

Plug-in hybrid vehicles in the institution’s fleet :

0

100 percent electric vehicles in the institution’s fleet :

2

Vehicles in the institution's fleet that are fueled with Compressed Natural Gas (CNG) :

0

Hydrogen fueled vehicles in the institution's fleet :

0

Vehicles in the institution's fleet that are fueled with B20 or higher biofuel for more than 6 months of the year :

32

Vehicles in the institution's fleet that are fueled with E85 or higher ethanol for more than 6 months of the year :

0

Total number of vehicles in the institution's fleet, including all of the above :

435

Student Commute Modal Split

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution's students commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Students who live on campus should be included in the calculation based on how they get to and from their classes.

"---" *indicates that no data was submitted for this field*

The percentage (0-100) of institution's students who use more sustainable commuting options :

96

The percentage (0-100) of institution's students who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

4

The percentage (0-100) of institution's students who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

75

The percentage (0-100) of institution's students who vanpool or carpool as their primary method of transportation :

3

The percentage (0-100) of institution's students who take a campus shuttle or public transportation as their primary method of transportation :

18

The percentage (0-100) of institution's students who use a motorcycle, scooter or moped as their primary method of transportation :

The website URL where information about alternative transportation is available :

http://www.yale.edu/transportationoptions/choicematters/index.html

Employee Commute Modal Split

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution's employees (faculty, staff, and administrators) commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, 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.

"---" *indicates that no data was submitted for this field*

The percentage (0-100) of institution's employees that use more sustainable commuting options :

47

The percentage (0-100) of institution's employees who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

53

The percentage (0-100) of institution's employees who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

14

The percentage (0-100) of institution's employees who vanpool or carpool as their primary method of transportation :

11

The percentage (0-100) of institution's employees who take a campus shuttle or public transportation as their primary method of transportation :

22

The percentage (0-100) of institution's employees who use a motorcycle, scooter, or moped as their primary method of transportation :

The website URL where information about alternative transportation is available :

http://www.yale.edu/transportationoptions/choicematters/index.html

Bicycle Sharing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a bicycle-sharing program or participate in a local bicycle-sharing program? :

Yes

A brief description of the program, including an indication of its scope (e.g., the number of bicycles the program makes available, participation levels, etc.) :

Yale University's departmental bicycle sharing program provides participating university departments with free commuter bicycles for campus use. To date, over 33 bikes have been distributed which have collectively logged over 4,000 miles since the program's inception in May 2008.
By providing an additional transportation option to faculty and staff, we are supporting members of the Yale community who leave their cars at home.
The bicycles come

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/transportationoptions/alternatives/bicyclingprogram.html

Facilities for Bicyclists

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have indoor and secure bike storage, shower facilities, and lockers for bicycle commuters in at least one building? :

Yes

A brief description of the facilities :

Transportation Options offers a Smart City Cycling class that is designed to help cyclists, of all levels, improve their cycling skills. Yale also provides the following:
- Access to various shower facilities across campus (see shower pass program link)
- Parking garages around campus have sheltered bike parking options.
- There are 28 bike lockers available.

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/transportationoptions/documents/YaleShowerPassProgram.pdf

Bicycle and Pedestrian Plan

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Mass Transit Programs

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution offer free or reduced price transit passes and/or operate a free campus shuttle? :

Yes

A brief description of the program(s), (s), including availability, participation levels, and specifics about discounts or subsidies offered (including pre-tax options) :

The Yale University Shuttle provides transportation between the University's main campus, the distant West Campus, New Haven train stations and nearby residential neighborhoods for students, faculty and staff. This is a free service that runs year-round with the exception of some University Holidays.

The website URL where information about the program is available :

http://www.yale.edu/transportationoptions/shuttle/index.html

Condensed Work Week

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution offer a condensed work week option for employees? The institution does not have to offer the option to all employees in order to earn this credit. :

Yes

A brief description of the program :

Flexible scheduling for staff may be established by any University school or department or may be requested by any employee.

The choice of a work schedule for an individual or a unit must be made subject to the overriding requirement that full school or departmental operations, services, and academic commitments will be maintained. In all cases, flexible schedules are subject to department approval. During holiday periods and the summer, when University schedules are constricted, flexible scheduling options may be limited. No one should be required to work a non-standard schedule except in areas where such a schedule is a condition of employment or made necessary by operational requirements. Department heads may restrict flexible scheduling options when work flow or other conditions require. Appeals of such decisions should be referred to the appropriate dean or department head.

Fixed Flexible Schedule
The employee's weekly pattern remains consistent, but is other than the department's standard schedule.

Compressed Schedule
A workweek is fixed but compressed into fewer than five full days (e.g., four or four-and-one-half days).

Totally Flexible Schedule
A participant can, on a daily basis and within specific limits, start and finish work at his or her discretion, so long as the total time required for a given period is completed.

The website URL where information about the program is available :

http://www.yale.edu/hronline/PersPracWeb/501.html

Telecommuting

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution offer a telecommute program for employees? :

Yes

A brief description of the program :

Telecommuting at Yale must be worked out with individual employees and their managers. A description of the work and responsibilities the employee will engage in while working remotely is required.

The website URL where information about the program is available :

http://medicine.yale.edu/finance/images/Telecommuting_tcm105-13489.doc

Carpool/Vanpool Matching

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution participate in a carpool/vanpool matching program? :

Yes

A brief description of the program :

The university has partnered with NuRide, a carpool matching website, to help Yale community members find each other. NuRide rewards their active members with gift certificates and coupons to a huge selection of retailers and services.

The website URL where information about the program is available :

http://www.yale.edu/transportationoptions/alternatives/carpooling.html

Cash-out of Parking

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution allow commuters to cash out of parking spaces (i.e., it pays employees who do not drive to work)? :

Yes

A brief description of the program :

Yale commuters who share the ride to work enjoy the following incentives:

1.Carpool parking discount is based on the number of passengers in the vehicle. Two people save 50% each, three people save 67% each, etc.
2. Each carpool receives six free one-day parking permits per month to use on days when carpooling isn't possible. The primary carpooler receives unlimited garage access, each additional carpooler receives their free stays loaded on an access card or ID.
3. Can participate in the guaranteed ride home program. 4. Eligible for pre-tax savings to pay for monthly vanpool expenses

The website URL where information about the program is available :

http://to.yale.edu/rideshare

Carpool Discount

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution offer reduced parking fees for car and van poolers? :

Yes

A brief description of the program :

Car and Van poolers receive the following incentives:

1.The carpool parking discount is based on the number of passengers in the vehicle. Two people save 50% each, three people save 67% each, etc.
2.Each carpool receives six free one-day parking permits per month to use on days when carpooling isn't possible.
3.Participate in the guaranteed ride home program.
4.Eligible for pre-tax savings to pay for monthly vanpool expenses

The website URL where information about the program is available :

http://to.yale.edu/rideshare

Local Housing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have incentives or programs to encourage employees to live close to campus? :

Yes

A brief description of the incentives or programs :

The Yale University Homebuyer Program was created in 1994 by President Richard C. Levin to encourage employees to invest and live in New Haven. It is reviewed every two years and has had great success in the fourteen years since it began, helping over 900 Yale University employees purchase their homes. Yale University's program is the largest and most generous such employer-assisted homeownership program offered by any institution of higher education in the nation.
The program provides $25,000 over 10 years to faculty and staff that purchase homes in specified neighborhoods of New Haven.

The website URL where information about the incentives or programs is available :

http://www.yale.edu/hronline/hbuyer/hbuyprog.htm

Prohibiting Idling

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

This credit was marked as **Not Applicable** for the following reason:

Institution is located in a community that has prohibited idling.

Car Sharing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution participate in a car sharing program, such as ZipCar or HourCar? :

Yes

A brief description of the program :

Zipcar is a modern car sharing program that uses revolutionary technology to make the process of car sharing safe, easy and convenient.

Yale University has partnered with Zipcar to offer its students and employees discounted yearly memberships.

The website URL where information about the program, policy, or practice is available :

http://to.yale.edu/zipcar

Waste

This subcategory seeks to recognize institutions that are moving toward zero waste by reducing, reusing, recycling, and composting. These actions mitigate the need to extract virgin materials, such as trees and metals. It generally takes less energy and water to make a product with recycled material than with virgin resources. Reducing waste generation also reduces the flow of waste to incinerators and landfills which produce greenhouse gas emissions, can contaminate air and groundwater supplies, and tend to have disproportionate negative impacts on low-income communities. Waste reduction and diversion also save institutions costly landfill and hauling service fees. In addition, waste reduction campaigns can engage the entire campus community in contributing to a tangible sustainability goal.

Credit
Waste Reduction
Waste Diversion
Construction and Demolition Waste Diversion
Electronic Waste Recycling Program
Hazardous Waste Management
Materials Exchange
Limiting Printing
Materials Online
Chemical Reuse Inventory
Move-In Waste Reduction
Move-Out Waste Reduction

Waste Reduction

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has implemented source reduction strategies to reduce total waste generation (garbage, recycling, and compost) per weighted campus user compared to a 2005 baseline.

Total waste generation includes all materials recycled, composted, and disposed of as trash except construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

"---" *indicates that no data was submitted for this field*

Weight of materials recycled, 2005 baseline year :

1152.80 *Tons*

Weight of materials composted, 2005 baseline year :

0 *Tons*

Weight of materials disposed as garbage, 2005 baseline year :

5982.10 *Tons*

Weight of materials recycled, performance year :

1737.60 *Tons*

Weight of materials composted, performance year :

1050.50 *Tons*

Weight of materials disposed as garbage, performance year :

4839.30 *Tons*

List the start and end dates of the waste reduction performance year :

July 1, 2010 - June 30, 2011

On-campus residents, 2005 :

5609

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

17791

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

0

On-campus residents, performance year :

5535

Non-residential/commuter full-time students, faculty, and staff members, performance year :

20953

Non-residential/commuter part-time students, faculty, and staff members, performance year :

0

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with waste reduction performance year) :

September 1, 2010 - August 31, 2011

Indication of whether institution has a stated commitment to waste-reduction goals, such as zero waste :

Yes

A brief description of the plan of action to achieve waste reduction goals :

As a part of Yale's Sustainability Strategic Plan the University is committed to achieving the following waste related goals:

1.Decrease Yale’s municipal solid waste by 25% by June 30, 2013.

2.Increase Yale’s recycling rate by 25% by June 30, 2013.
Project: Implement a system to track recycling performance by major departments,other customers, custodial staff, and haulers.
Project: Develop and implement a comprehensive recycling outreach campaign with Yale’s waste reduction goal and increased recycling rate target as the motivator; this is
not unlike the University’s Greenhouse Gas reduction goal.

3.Increase by 20% the amount of bulky waste diverted from the municipal solid waste stream for subsequent “reuse” by June 30, 2013.
Project: Expand a “reuse program” that will include office furniture and supplies, lab equipment, operations equipment and materials, and “Spring Salvage” items.
Project: Expand upon currently successful “Spring Salvage,” in which items from departing students are collected, sorted, and donated to local not-for-profit and charitable organizations.

The website URL where information about the institution’s waste reduction initiatives is available :

http://sustainability.yale.edu/sites/default/files/StragtegicPlan/StrategicPlanUpdateJune2011.pdf

Waste Diversion

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

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

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 Credit 19: Construction and Demolition Waste Diversion, OP Credit 20: Electronic Waste Recycling Program,* and *OP Credit 21: Hazardous Materials Management*.

"---" *indicates that no data was submitted for this field*

Materials recycled, composted, reused, donated, re-sold, or otherwise diverted :

2290 *Tons*

Materials disposed in a solid waste landfill or incinerator :

52690 *Tons*

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate :

In the past few year Yale has begun to aggressively reduce its municipal solid waste by implementing the following initiatives.

1. Divert all of the food waste from its dining halls to a composting facility in Connecticut.
2. Enhance and promote its furniture reuse program.
3. Continue to enhance the annual collection of move out waste from students at the end of the academic year (spring salvage).
4. Improve recycling efforts through education and outreach as well as moving to single stream recycling.

Construction and Demolition Waste Diversion

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution diverts non-hazardous construction and demolition waste from the landfill and/or incinerator.

Soil and organic debris from excavating or clearing the site do not count for this credit.

Submission Note:

Yale does recycle construction and demolition materials, however has not collected the quantity of materials recycled, but will begin doing so this year.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Electronic Waste Recycling Program

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution. Institution takes measures to ensure that the electronic waste is recycled responsibly.

Part 2

Institution has a program in place to recycle, reuse, and/or refurbish electronic waste generated by students. Institution takes measures to ensure that the electronic waste is recycled responsibly.

"---" *indicates that no data was submitted for this field*

Does the institution have a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution and take measures to ensure that the electronic waste is recycled responsibly? :

Yes

Does the institution have a program in place to recycle, reuse, and/or refurbish electronic waste generated by students and take measures to ensure that the electronic waste is recycled responsibly? :

Yes

A brief description of steps taken to ensure that e-waste is recycled responsibly, workers' basic safety is protected, and environmental standards are met :

WeRecycle is a certified sustainable recycle company that does not allow any exportation of waste. Each component of the equipment is dismantled and recycled.

A brief description of the electronic waste recycling program for institution-generated materials :

Yale Environmental Health and Safety (EHS), in partnership with WeRecycle Inc., recycles all used electronics meeting the State of Connecticut Department of Environmental Protection definition of "Universal Waste". Universal Waste - used electronics are defined as any item that contains a circuit board that can store or transmit data or is used for entertainment. On average, EHS recycles approximately 200,000 lbs of used electronics each year. In addition, unwanted computers in good condition are rebuilt each month and donated to two local charity

groups on behalf of Yale EHS.

A brief description of the electronic waste recycling program for student-generated materials :

Yale students are permitted to participate in the campus universal waste program. Details above are applicable here.

The website URL where information about the e-waste recycling program is available :

http://www.yale.edu/ehs/sustainability/usedelectronics.htm

Hazardous Waste Management

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seeks to minimize the presence of these materials on campus.

"---" *indicates that no data was submitted for this field*

Does the institution have strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seek to minimize the presence of these materials on campus? :

Yes

A brief description of steps taken to reduce hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste :

The University's Office of Environmental Health and Safety (EHS) has guidelines, procedures and processes for safely labeling, collecting and disposing of chemical, biomedical, radiological and other hazardous waste.
Training is required for anyone working with such materials in university laboratories.

A brief description of how the institution safely disposes of hazardous, universal, and non-regulated chemical waste :

EHS collects and disposes of all hazardous waste as per EPA and CTDEP (Connecticut Department of Environmental Protection) regulations.

The website URL where information about hazardous materials management is available :

http://www.yale.edu/ehs/waste.htm

Materials Exchange

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a surplus department or formal office supplies exchange program that facilitates reuse of materials? :

Yes

A brief description of the program :

The University has a small surplus office furniture program that sells surplus to university departments and personnel.

The website URL where information about the program is available :

http://www.yale.edu/trs/SurplusProgram.htm

Limiting Printing

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Materials Online

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Chemical Reuse Inventory

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Has the institution implemented a campus-wide inventory system to facilitate the reuse of laboratory chemicals? :

Yes

A brief description of the program :

For the last several years, the Office of Environmental Health and Safety (EHS) has identified chemicals that are unopened, not expired and in good condition for reuse in other labs on campus. These chemicals are removed from the waste program, inventoried and the available list posted on our EHS's website.
The chemicals are left in the inventory for 11 months and if not reused, must be shipped as hazardous waste.
Labs that can use the chemicals can contact EHS for free delivery in 1-3 business days. This has resulted in overall waste reduction as well as thousands of dollars in both stock and disposal costs.

The website URL where information about the practice is available :

http://www.yale.edu/ehs/sustainability/chemicalredistribution.htm

Move-In Waste Reduction

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a program to reduce residence hall move-in waste? :

No

A brief description of the program :

Incoming students receive a welcome letter that identifies items that are provided to them here on campus so as not to bring unnecessary items.

Additionally, all boxes from student move in are collected and recycled appropriately.

The website URL where information about the program is available :

Move-Out Waste Reduction

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a program to reduce residence hall move-out waste? :

Yes

A brief description of the program :

After experimenting with recycling Spring move-out waste through the 1990s, in 2003 Yale Recycling officially titled their efforts Spring Salvage. Yale collects approximately 50 tons of clothing, furniture and other material. (It is estimated that on 40% of weight and 50% of value was taken from the curb before items were accounted for in the warehouse.) "Soft" items are donated to Salvation Army or Goodwill and other useful items (glasses, books, etc) distributed to relevant charities.
Donation values are estimated to be at least $100,000 and as high as $200,000

The website URL where information about the program is available :

http://sustainability.yale.edu/spring-salvage-history

Water

This subcategory seeks to recognize institutions that are conserving water and making efforts to protect water quality. Pumping, delivering, and treating water is a major energy user, so institutions can help reduce energy consumption and the greenhouse gas emissions associated with energy generation by conserving water. Likewise, conservation and effective stormwater management are important in maintaining and protecting finite groundwater supplies. Water conservation and effective stormwater management also reduce the need for effluent discharge into local surface water supplies, which helps improve the health of local water ecosystems.

Credit
Water Consumption
Stormwater Management
Waterless Urinals
Building Water Metering
Non-Potable Water Usage
Xeriscaping
Weather-Informed Irrigation

Water Consumption

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has reduced its total water consumption per weighted campus user compared to a 2005 baseline.

Total water consumption includes both potable and non-potable water.

"---" indicates that no data was submitted for this field

Water consumption, 2005 baseline year :

522305715 *Gallons*

Water consumption, performance year :

502531761 *Gallons*

List the start and end dates of the water consumption performance year :

July 1, 2010 - June 30, 2011

On-campus residents, 2005 :

5609

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

17791

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

0

On-campus residents, performance year :

5535

Non-residential/commuter full-time students, faculty, and staff members, performance year :

20953

Non-residential/commuter part-time students, faculty, and staff members, performance year :

0

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with water consumption performance year) :

September 1, 2010 - August 31, 2011

Indication of whether institution has a stated commitment to water use reduction goals :

No

A brief description of the plan of action to achieve water use reduction goals :

As a part of the University's Sustainability Strategic Plan Yale is committed to the following:

Develop a Water Management Plan by June 2013.
Project: Phase in installation of meters so that by 2013, 100% of Yale’s buildings have up-to-date water meters that enable accurate monitoring of building water usage.
Project: Expand and further develop water indicators to track and measure data on an annual basis by June 2011 (i.e., measuring water use by type, such as landscaping,
irrigation, residential use, dining, administrative, etc.).

The website URL where information about the institution’s water conservation initiatives is available :

http://sustainability.yale.edu/sustainability-strategic-plan-0

Stormwater Management

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution has adopted a stormwater management policy, plan, and/or strategies that mitigate the stormwater runoff impacts of new construction, major renovation, and other projects that increase paved surface area on campus or otherwise significantly change the campus grounds.

The policy, plan, and/or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

The policy, plan, and/or strategies cover the entire campus. While the specific strategies or practices adopted may vary depending on project type and location, this credit is reserved for institutions that mitigate stormwater runoff impacts consistently during new construction. Implementing a strategy or strategies for only one new development project is not sufficient for this credit.

Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution has adopted a stormwater management policy, plan, or strategies that mitigate the stormwater runoff impacts of ongoing campus operations.

The policy, plan, or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

Though specific practices adopted may vary across the campus, the policy, plan, and/or strategies cover the entire institution. Implementing strategies for only one building or area of campus is not sufficient for this credit.

"---" *indicates that no data was submitted for this field*

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from new development projects? :

Yes

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from ongoing campus operations? :

No

A brief description of the institution's stormwater management initiatives :

Yale has a policy that outlines the requirements for all non-laboratory discharge of waste-water at the University. This is primarily a document to ensure that the University complies with all state waste water discharge requirements.

The website URL where information about the institution's stormwater management initiatives, plan or policy is available :

http://www.yale.edu/ehs/Documents/environ/WaterDischarge.pdf

Does the institution have a living or vegetated roof? :

Yes

A brief description of the institution's living or vegetated roof :

Several buildings on campus have vegetated roofs including the following:
-Sculpture Building
-Kroon Hall
-Cross Campus
- Loria Center
-Yale Health Center

Does the institution have porous paving? :

Yes

A brief description of the institution's porous paving :

Yale has several demonstration sites of both permeable asphalt and pavers. Current assessments of durability and resistance to sand build up are being assessed for more widespread use.

Does the institution have retention ponds? :

Yes

A brief description of the institution's retention ponds :

Kroon Hall has a retention pond that filters the water using plants and then pumps it back into the building for reuse in building toilets.
The Sculpture building has a stormwater retention system that collects stormwater from the roof of the main building and surrounding landscape which is used for flushing the toilets. The stormwater is initially stored in an outdoor 5,000 gallon tank, a size accommodates water requirements during monthly drought periods. It is then pumped into a 400 gallon indoor tank and disinfected with an ozone treatment, readying it for use in toilets.
These measures ensure that the building does not add to the municipal storm water system.

Does the institution have stone swales? :

No

A brief description of the institution's stone swales :

Does the institution have vegetated swales? :

Yes

A brief description of the institution's vegetated swales :

Yale has one vegetated swale application on campus. As a LEED Gold building, Malone Center's landscape features native vegetation and bioswales that together manage all site stormwater.

Does the institution employ any other technologies or strategies for stormwater management? :

No

A brief description of other technologies or strategies for stormwater management employed :

Waterless Urinals

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use at least one waterless urinal? :

Yes

A brief description of the technology employed :

A number of buildings have installed waterless urinals.

The website URL where information about the technology is available :

http://sustainability.yale.edu/conservation

Building Water Metering

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have building-level water consumption meters for at least one building? :

Yes

A brief description of the water metering employed :

The Steam and Chilled Water Design Guidelines (SCUDG) include definitions of flow meters for both steam and chilled water.

Additionally the University and the Regional Water Authority are in the process of updating all of the meters on campus to be in proper "working mode" with a meter at each building on campus.

The percentage of building space with water metering :

95

The website URL where information about the practice is available :

http://www.facilities.yale.edu/publications/SCUDG.pdf

Non-Potable Water Usage

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Submission Note:

We do not track at this time the amount of water used from grey water sources.

"---" *indicates that no data was submitted for this field*

Does the institution use non-potable water (e.g., harvested rainwater or graywater) for irrigation and/or other applications? :

Yes

A brief description of the source of non-potable water and how it is used :

A number of buildings on campus harvest rainwater for uses such as flushing. Once example is the sculpture building:
A stormwater retention system collects stormwater from the roof of the main Sculpture Building and surrounding landscape which is used for flushing the toilets. The stormwater is initially stored in an outdoor 5,000 gallon tank, a size accommodates water requirements during monthly drought periods. It is then pumped into a 400 gallon indoor tank and disinfected with an ozone treatment, readying it for use in toilets. These measures ensure that the building does not add to the municipal storm water system.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

The percentage of building space using water from recovered, reclaimed or untreated sources :

The percentage of water used in utility plants from recovered, reclaimed or untreated sources :

0

The website URL where information about the program, policy, or practice is available :

http://sustainability.yale.edu/sculpture-building

Xeriscaping

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution use xeriscape landscaping techniques, including the selection of drought tolerant plants? :

Yes

A brief description of the program or practice :

Drought tolerant plants are planted across campus and incorporated into all new building landscapes as a part of Yale Sustainable Design requirements.

The website URL where information about the program or practice is available :

http://www.facilities.yale.edu/sustainableDesign.shtml

Weather-Informed Irrigation

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Planning, Administration & Engagement

Coordination and Planning

This subcategory seeks to recognize colleges and universities that are institutionalizing sustainability by dedicating resources to sustainability coordination, incorporating sustainability into their primary campus plans, and developing plans to move towards sustainability. Staff and other resources help an institution organize, implement, and publicize sustainability initiatives. These resources provide the infrastructure that fosters sustainability within an institution. Strategic and physical campus plans guide an institution and its physical development. These important documents establish an institution's priorities and influence budgeting and decision making. Incorporating sustainability into these plans is an important step in making sustainability a campus priority and may help advocates implement sustainable changes. Sustainability plans and climate plans provide a road map for how to achieve sustainability goals.

Credit
Sustainability Coordination
Strategic Plan
Physical Campus Plan
Sustainability Plan
Climate Action Plan

Sustainability Coordination

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has a sustainability committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies and programs related to sustainability on campus.

The committee, office, and/or coordinator focus on sustainability broadly (i.e. not just one sustainability issue, such as climate change) and cover the entire institution. A committee, office, or coordinator that focuses on just one department or school within the institution does not count for this credit.

"---" *indicates that no data was submitted for this field*

Does the institution have a sustainability committee? :

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

Yale's Sustainability Task Force consists of 18 members and came together to develop a sustainability framework with goals and targets designed to advance Yale’s efforts during a three year period - 2010-2013.

Members of the committee, including affiliations :

Chair: Linda Koch Lorimer, Secretary
Convener: Julie Newman,Office of Sustainability
Louis Annino, Facilities: Custodial, Waste, Water, Grounds, Energy
Brenda Armstrong, Environmental Health and Safety
John Bollier, Facilities: Custodial, Waste, Water, Grounds, Energy
Thomas Conroy, Office of Public Affairs
Laura Cruickshank, University Planning
Mark Francis, West Campus
John Gambell, University Printer
Chris Kielt, Information Technology Services
Janet Lindner, Administrative Services: Transportation
Christopher Mihok, Procurement
Stephen Murphy, Finance and Business Operations
Joseph Paolillo, Information Technology Services
Peter Reinhardt, Environmental Health and Safety

Cary Scapillato, Finance and Business Operations
Stephanie Spangler, Office of the Provost
Rafi Taherian, Yale Dining
Office of Sustainability Support
Keri Enright-Kato, Project Manager
Melissa Goodall, Assistant Director
Sheila McCreven, Education and Outreach Manager
Other University Support
Virginia Chapman, Facilities Sustainable Initiatives
Kristina Chmelar, University Planning
Robert Ferretti, Waste Management and Recycling
Holly Parker, Sustainable Transportation Options
Sustainability Task Force Fellows
The Yale Sustainability Task Force Fellows is a group of students that were employed to assist the members of the Task Force with research on setting goals and with steps toward implementation.
Kenneth Castaneda, Information Technology
Changxin Fang, Waste Management
Matthew Goldstein, Yale West Campus
Kathryn Harris, Editorial Support
Jacob Iversen, Water Management
Aram Marks, Land Management
Austin Shiner, Food and Dining

The website URL where information about the sustainability committee is available :

http://sustainability.yale.edu/sustainability-strategic-plan-0

Does the institution have a sustainability office? :

Yes

A brief description of the sustainability office :

Mission: To advance sustainability by fostering innovation, helping to streamline operations, and preparing tomorrow's sustainability leaders.

Established in 2005, the Office of Sustainability (OOS) works to promote the tenets of sustainability at Yale, in New Haven, and around the global higher-education community. By facilitating the development and implementation of best practices and encouraging innovative collaboration, teaching, and scholarship on sustainable themes, the OOS seeks to position Yale at the vanguard of the field and help it make the environmental, social, health, and economic benefits of sustainability a reality on its campus and around the world.

The number of people employed in the sustainability office :

5

The website URL where information about the sustainability office is available :

http://sustainability.yale.edu/about-us

Does the institution have a sustainability coordinator? :

Yes

Sustainability coordinator's name :

Julie Newman

Sustainability coordinator's position title :

Director

A brief description of the sustainability coordinator's position :

Oversee the overall direction of the Office of Sustainability and help to make Yale University an international leader in campus sustainability.

The website URL where information about the sustainability coordinator is available :

http://sustainability.yale.edu/who-we-are

Strategic Plan

Criteria

Institution's current, formally adopted strategic plan or equivalent guiding document includes sustainability at a high level. The plan covers the entire institution.

An amendment to the strategic plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a physical campus plan (which is covered in *PAE Credit 3: Physical Campus Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 5: Sustainability Plan*) counts for this credit.

This credit was marked as **Not Applicable** for the following reason:

Institution does not have a strategic plan or equivalent guiding document.

Physical Campus Plan

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution’s current plan for its physical campus (commonly referred to as the campus master plan) includes sustainability at a high level.

An amendment to the plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a strategic plan (which is covered in *PAE Credit 2: Strategic Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 4: Sustainability Plan*) counts for this credit.

Plans developed at the system level are eligible for this credit. Likewise, multiple plans which together cover the institution’s entire physical campus are eligible for this credit.

"---" *indicates that no data was submitted for this field*

Does the institution's physical campus plan include sustainability at a high level? :

Yes

A brief description of how the physical campus plan or amendment includes sustainability :

The Yale University Framework for Campus Planning includes sustainability considerations on a number of levels. Among the Planning Considerations is the Environmental Aspect which emphasizes a number of areas: Energy, Facilities, Purchasing, and Lifestyle, for consideration in expansion and renovation. The plan also dedicates a good portion to discussing open spaces, managing pedestrian movement, urban design and transport. Additionally, a supplement to his plan with a section devoted to Sustainability was incorporated in 2009.

The year the physical campus plan was developed or adopted :

2001

The website URL where the physical campus plan is available :

http://www.yale.edu/about/YALEFRMW.pdf

Sustainability Plan

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has a sustainability plan that was developed with input from faculty, staff, and students. The plan includes measurable goals with corresponding strategies and timeframes to achieve the goals. The plan need not be formally adopted.

The plan covers multiple sustainability topics and issues. Plans focused exclusively on climate change, which are covered by *PAE Credit 5: Climate Plan*, are not eligible for this credit.

Strategic or master plans that cover sustainability may count for this credit if they meet the other criteria outlined above.

"---" *indicates that no data was submitted for this field*

Does the institution have a sustainability plan that meets the criteria for this credit? :

Yes

A brief description of how multiple stakeholder groups were involved in developing the plan :

Beginning in the summer of 2009, a score of individuals—including a Sustainability Task Force of nine committees—worked together to develop a sustainability framework with goals and targets designed to advance Yale's efforts during the next three years. Building a sustainable campus is a multifaceted, interdisciplinary endeavor that requires the imaginative collaboration and perseverance of students, staff, faculty, and administrators. The targets have implications for all operational divisions throughout the University and require heightened engagement by every member of the community to create a sustainable Yale. This plan deliberately focuses on campus and administrative systems in an effort to strengthen the foundation of Yale's sustainability commitment.

A brief description of the plan's measurable goals :

The plan has goals under four broad areas: Campus Systems; Earth Systems; Administrative Systems; and Education and Engagement. Further details are available on the website.

A brief description of how progress in meeting the plan's goals is measured :

The Yale Office of Sustainability has been collecting data on the institution's sustainability-related data for over five years. This has made the shift to tracking progress towards targets in the plan quite simple. An annual progress report is released to make the information public.

The website URL where more information about the sustainability plan is available :

http://sustainability.yale.edu/sustainability-strategic-plan-0

The year the plan was developed or last updated :

2010

Climate Action Plan

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has a formal plan to mitigate its greenhouse gas emissions. The plan includes a measurable, numerical goal or goals and a corresponding date or dates by which the institution aims to achieve its goal(s). The plan has been adopted by the institution's administration.

A formal sustainability plan (i.e. a plan that has been adopted by the administration) counts for this credit if it includes climate change goals, strategies, and corresponding timeframes. Such a plan may also count toward *PAE Credit 4: Sustainability Plan*.

"---" indicates that no data was submitted for this field

Does the institution have a plan to mitigate its greenhouse gas emissions that meets the criteria for this credit? :

Yes

A brief summary of the climate plan's long-term goals :

The has a target of reducing GHG emissions by 43% compared to 2005 levels by the year 2020. This is a 10% reduction on 1990 levels. These targets were one of Yale's first sustainability-oriented commitments in 2005. Since then, a much more comprehensive sustainability plan has been released which includes the GHG reduction targets.

A brief summary of the climate plan's short-term goals :

The climate plans are part of an ongoing process that includes reductions in electricity and heating and cooling intensity.

Year the climate plan was formally adopted or approved :

2005

An indication of whether institution has made a commitment to reduce GHG emissions a specific amount by a target year :

Yes

List which emissions (scope 1, 2, and/or 3) are included in its GHG emissions commitment :

1 & 2

The reduction level (percentage) institution has committed to :

43% below 2005 levels by 2020

The baseline year the institution used in its GHG emissions commitment :

July 1, 2005

The baseline emissions level institution used in its GHG emissions commitment :

260,700 MtCO2e

The target year the institution specified in its GHG emissions commitment :

June 30, 2020

The website URL where information about the climate plan is available :

http://sustainability.yale.edu/climate-change-action

Diversity and Affordability

This subcategory seeks to recognize institutions that are working to advance diversity and affordability on campus. In order to build a sustainable society, diverse groups will need to be able to come together and work collaboratively to address sustainability challenges. People of color and low-income communities tend to suffer disproportionate exposure to environmental problems. This environmental injustice happens as a result of unequal and segregated communities. To achieve environmental and social justice, society must work to address discrimination and promote equality. The historical legacy and persistence of discrimination based on racial, gender, religious, and other differences makes a proactive approach to promoting a culture of inclusiveness an important component of creating an equitable society. Higher education opens doors to opportunities that can help create a more equitable world, and those doors must be open through affordable programs accessible to all regardless of race, gender, religion, socio-economic status and other differences. In addition, a diverse student body, faculty, and staff provide rich resources for learning and collaboration.

Credit
Diversity and Equity Coordination
Measuring Campus Diversity Culture
Support Programs for Underrepresented Groups
Support Programs for Future Faculty
Affordability and Access Programs
Gender Neutral Housing
Employee Training Opportunities
Student Training Opportunities

Diversity and Equity Coordination

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has a diversity and equity committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies, programs, and trainings related to diversity and equity on campus.

"---" indicates that no data was submitted for this field

Does the institution have a diversity and equity committee? :

No

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

Members of the committee, including job titles and affiliations :

The website URL where information about the diversity and equity committee is available :

Does the institution have a diversity and equity office? :

Yes

A brief description of the diversity office :

Yale's Diversity & Inclusion office collaborates with departments and individuals across the Yale campus to promote a respectful, accessible and inclusive community for all Yale employees.

The number of people employed in the diversity office :

4

The website URL where information about the diversity and equity office is available :

http://www.yale.edu/hronline/diversity/index.html

Does the institution have a diversity and equity coordinator? :

Yes

Diversity coordinator's name :

Deborah Stanley-McAulay

Diversity coordinator's position title :

Chief Diversity Officer

A brief description of the diversity coordinator's position :

Strengthen diversity recruitment efforts
Develop our internal talent.
Enhance mentoring programs with a goal of creating a climate where mentoring is the norm.
Offer diversity education opportunities for all members of the Yale community.
Develop a system of metrics to track and assess progress.
Develop strategies to communicate and publicize Yale's diversity milestones.

The website URL where information about the diversity and equity coordinator is available :

http://www.yale.edu/hronline/diversity/index.html

Measuring Campus Diversity Culture

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution assesses attitudes about diversity and equity on campus and uses the results to guide policy, programs, and initiatives.

Institution may measure its culture of diversity and equity using one assessment for the entire institution or using separate assessments that taken together cover the entire institution.

Assessments conducted during the previous five years are eligible for this credit.

"---" *indicates that no data was submitted for this field*

Has the institution assessed attitudes about diversity and equity on campus in a way that meets the criteria for this credit? :

Yes

A brief description of the assessment(s) :

Data is collected on multiple levels including by school, department, and the entire institution. The survey administration is handled externally, by Sirota Survey Intelligence, Inc.

Year the assessment was last administered :

2010

A brief description of how the results of the assessment(s) are used in shaping policy, programs, and initiatives :

The preliminary discussion with regard to the 2010 survey results indicate that we may:
• Implement Individual Development Plans (IDP's) for M&P only.
• Review Flexible Work Arrangement Policy
• Possible expansion to include Telework
• Review the data with a specific focus on M&P Morale
• Review the data with regard to benefits, pay, retirement options
• Review advancement opportunities
Individual departments are reviewing the data with a focus on improving the local climate and culture. The action plans for these units are being maintained by the associated generalist.

The website URL where information about the assessment(s) is available :

Support Programs for Underrepresented Groups

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus.

"---" *indicates that no data was submitted for this field*

Does the institution have mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus? :

Yes

A brief description of the programs sponsored by the institution to support underrepresented groups within the student body :

Yale's Diversity & Inclusion Office collaborates with departments and individuals across the Yale campus to promote a respectful, accessible and inclusive community for all Yale employees.
Yale University Student Body Diversity Initiatives and Programs include the following:
General:
-Minority Advisory Council
-Resource Office on Disabilities
-Religious Diversity at Yale
Undergraduate
-Multicultural Outreach Program
-The Afro American Cultural Center
-The Asian American Cultural Center
-La Casa Cultural
-The Association of Native Americans at Yale
Graduate School of Arts and Sciences
-Office of Diversity and Equal Opportunity
Professional Schools
-Yale School of Medicine Office of Multicultural Affairs
-Women in Medicine

A brief description of the programs sponsored by the institution to support underrepresented groups within the faculty :

The Yale Women Faculty Forum (WFF) emerged from the effort, during Yale's tercentennial year, to highlight the presence of women at the university and the accomplishments of Yale alumnae.

http://www.yale.edu/wff/

A brief description of the programs sponsored by the institution to support underrepresented groups within the staff :

The Yale University African American Affinity Group (YAAA) was established by a planning team in early 2006. The charge to the team was to form an affinity group to support the African American community at Yale.

http://www.yale.edu/yaaa/

The Asian Network @ Yale (ANY) seeks to connect professionals of the Asian Heritage community in the interest of shared values and concerns.

http://www.yale.edu/hronline/diversity/asiannetwrk.html

Yale Latino Networking group

http://www.yale.edu/hronline/diversity/hispanic-affinity-group.html

The Yale LGBTQ Affinity Group was created in 2008 to foster a more welcoming and respectful campus community for Lesbian, Gay, Bisexual, Transgender, and Queer individuals and their allies with a primary focus on retention and edification of Yale employees.

http://www.yale.edu/hronline/diversity/lgbtq.html

The website URL where more information about the programs in each of the three categories is available :

http://www.yale.edu/hronline/diversity/programs.html

Support Programs for Future Faculty

Criteria

Institution administers and/or participates in a program or programs to help build a diverse faculty throughout higher education.

Such programs could take any of the following forms:

- Teaching fellowships or other programs to support terminal degree students from underrepresented groups in gaining teaching experience. (The terminal degree students may be enrolled at another institution).
- Mentoring, financial, and/or other support programs to prepare and encourage undergraduate or other non-terminal degree students to pursue further education and careers as faculty members.
- Mentoring, financial, and/or other support programs for doctoral and post-doctoral students from underrepresented groups.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Affordability and Access Programs

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has policies and programs in place to make it accessible and affordable to low-income students. Such policies and programs may include, but are not limited to, the following:

- Policies and programs to minimize the cost of attendance for low-income students
- Programs to equip the institution's faculty and staff to better serve students from low-income backgrounds
- Programs to prepare students from low-income backgrounds for higher education such as the federal TRIO programs
- Scholarships for low-income students
- Programs to guide parents of low-income students through the higher education experience
- Targeted outreach to recruit students from low-income backgrounds
- Other admissions policies or programs
- Other financial aid policies or programs

Institutions are not required to have programs or policies in each of the above areas in order to earn this credit. They may pursue the policies and programs that are appropriate for their context.

"---" *indicates that no data was submitted for this field*

Does the institution have policies and programs in place to make it accessible and affordable to low-income students? :

Yes

A brief description of the institution's participation in federal TRIO programs :

Yale does not participate in federal TRIO programs.

A brief description of the institution's policies and programs to minimize the cost of attendance for low-income students? :

Yale has an extraordinarily generous need-based financial aid program that enables students from all backgrounds all over the word to be able to afford a Yale education. Yale College admits students for their academic and personal promise without regard to ability to pay. Families earning less than $65,000 annually do not make any contribution to the cost of an admitted child's education, and families earning between $60,000 and $120,000 typically contribute only 1% to 10% of their income. More than half of all undergraduates receive need-based, and the

University provides more than $100 million annually in financial aid for Yale College students.

In the 2010–2011 year, 57% of all Yale undergraduates received need-based aid from Yale.

In 2010–2011, the average Yale Scholarship was $35,500.

A brief description of the institution's programs to equip the institution's faculty and staff to better serve students from low-income backgrounds :

Financial aid staff are trained to be able to communicate with families of all types all over the world.

A brief description of the institution's programs to prepare students from low-income backgrounds for higher education :

The Student Financial Services office provides information about its financial aid program over the web and our admissions officers and student ambassadors describe our generous financial aid program when traveling across the country, and the world.

A brief description of the institution's scholarships for low-income students :

Yale's scholarships are solely based on need, so the largest amounts of scholarship go to our neediest students; if the family income is under $65,000, then the expected parent contribution is $0.

A brief description of the institution's programs to guide parents of low-income students through the higher education experience :

Yale provides complete information about its financial aid program and the application process on the Univesrity website. We also provide customer service by email, telephone, and in person.

A brief description of the institution's targeted outreach to recruit students from low-income backgrounds :

The admissions office specially targets low-income areas when sending out our student ambassadors. Yale has also partnered with Questbridge in order to locate and recruit talented low-income students who might not otherwise find their way to Yale.

A brief description of the institution's other admissions policies and programs :

An applicant's academic strength is Yale's first consideration. We review grades, standardized test scores, and evaluations by a counselor and two teachers to determine academic strength. The admissions committee then factors in student qualities such as motivation, curiosity, energy, leadership ability, and distinctive talents.

A brief description of the institution's other financial aid polices or programs :

Yale also provides financial aid for attendance at any one of the University's graduate and professional schools. The graduate and professional programs are both merit-based, and need-based, and the policies vary at the individual schools based on local funding.

A brief description of the institution's other policies and programs not covered above :

Student Financial Services provides special group orientation meetings for International Students, students attending the Multi-Cultural orientation, and all students who want additional information prior to the beginning of the fall term.

The website URL where information about programs in each of the areas listed above is available :

http://www.yale.edu/sfas/finaid/index.html

Gender Neutral Housing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution offer housing options to accomodate the special needs of transgender and transitioning students (either as a matter of policy or as standard practice)? :

Yes

A brief description of the program, policy, or practice :

Yale provides gender-neutral housing in the form of mixed-gender shared suites.

The website URL where information about the program, policy, or practice is available :

http://www.yaledailynews.com/news/2010/feb/21/gender-neutral-housing-approved-for-class-of-2011

Employee Training Opportunities

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution make cultural competence trainings and activities available to all employees? :

Yes

A brief description of the cultural competence trainings and activities :

Below are 4 examples of cultural competence trainings offered through Yale's Organizational Development and Learning Center.

Taylor Cox: Exploring Diversity Issues (Intensive Session)
Diversity of staff continues to be an essential success factor for all organizations. A diversified staff improves customer service, creativity, outreach, and many other aspects of organizational life. This intensive session will further explore Mr. Cox's models and processes for creating a multicultural organization presented in the morning lecture. This talk is intended for those who want to learn more, in detail, about how to design and implement organizational change to create competency for diversity inclusion.

Supporting your LGBTQ-identified child
The past few decades have brought tremendous social and cultural change that offer new opportunities for lesbian, gay, bisexual, transgender and queer people such as marriage and broad acceptance in many communities. On the other hand, homosexuality is still a lightning rod issue in the political and religious realms. Once your child has “come out” to you, how can you best show your support as they navigate a world that may be unfamiliar to you. This workshop will discuss the challenges faced by LGBTQ people in their teens and twenties, and offer suggestions for ways parents and other family members can reach out and offer valuable support.

Latino Networking Group Annual Spring Networking Social
Join us for social networking: mix, mingle, and make new connections with the Yale Latino community. Featuring musical entertainment and delicious food from local New Haven restaurants.

Intercultural Communication at a University: Strategies and Recommendations for Service Providers
This overview workshop offers evidence-driven knowledge, strategies, and recommendations for effective intercultural communication for service providers. It covers three main aspects of intercultural communication between non-native and native English speakers that pose challenges: accent, language, and culture. Given the international and multicultural orientation of Yale University, service providers in various departments (e.g., healthcare, libraries, student services, human resources) often interact with individuals from various cultural and linguistic backgrounds. However, a mastery of intercultural communication skills is not intuitive; we do not have innate systems developed to interact successfully with people from other cultural groups. Even people with considerable experience often struggle with knowing what works and what does not. This workshop provides the foundation for effective intercultural communication based on scientific findings and will help both native and non-native English speakers interact more successfully with people from various cultural and

linguistic backgrounds.

The website URL where information about the trainings and activities are available :

http://learn.caim.yale.edu/lcdb/webdev/html/catalog.asp

Student Training Opportunities

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution make cultural competence trainings and activities available to all students? :

Yes

A brief description of the cultural competence trainings and activities :

Yale's Cultural Affairs and Centers offers educational and social programming to students of Yale College to foster a sense of cultural identity and to educate people in the larger community.

The website URL where information about the trainings and activities are available :

http://yalecollege.yale.edu/content/cultural-affairs-centers

Human Resources

This subcategory seeks to recognize institutions that have incorporated sustainability into their human resources programs and policies. This includes recognition for treating and remunerating their workers responsibly and fairly. An institution's people define its character and capacity to perform; and so, an institution's achievements can only be as strong as its community. An institution can bolster the strength of its community by making fair and responsible investments in its human capital. Such investments include offering benefits, wages, and other assistance that serve to respectfully and ethically compensate workers. Investment in human resources is integral to the achievement of a healthy and sustainable balance between human capital, natural capital, and financial capital.

In addition, this subcategory recognizes faculty and staff training and development programs in sustainability. Faculty and staff members' daily decisions impact an institution's sustainability performance. Equipping faculty and staff with the tools, knowledge, and motivation to adopt behavior changes that promote sustainability is an essential activity of a sustainable campus.

Credit
Sustainable Compensation
Employee Satisfaction Evaluation
Staff Professional Development in Sustainability
Sustainability in New Employee Orientation
Employee Sustainability Educators Program
Childcare
Employee Wellness Program
Socially Responsible Retirement Plan

Sustainable Compensation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution evaluates, and updates as appropriate, its wages and benefits policies and its guidelines for contractors operating on campus to ensure that total compensation (wages plus benefits) for all on-campus workers is sufficient to enable these employees to meet their basic needs, as defined by the institution. This evaluation is completed at least once every three years.

Student workers are not covered by this credit.

While wages and total compensation set in the following ways may constitute sustainable compensation, institutions should conduct a basic needs assessment to ensure that the total compensation is adequate before claiming points for this credit:

- Paying prevailing wages for job type or classification
- Paying average or above average wages for the region or city where the institution is located
- Paying minimum wages or a set amount above the minimum wage

Policies and practices adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

"---" *indicates that no data was submitted for this field*

Total number of employees working on campus (including contractors) :

14787

Number of employees (including contractors) that the institution ensures earn sustainable compensation :

14787

A brief description of how the institution ensures that its lowest-paid workers (including contractors, if applicable) receive sustainable compensation :

Yale has 4 classification of employees:
- Faculty & Post Docs
- Clerical & Technical
- Service & Maintenance
- Managerial & Professional

Both C&T and S&M employees compensation are negotiated through labor contracts which ensure that they are paid a sustainable compensation with equal benefits to Faculty, Post Docs and M&P employees. For additional information on Yale's two Labor Unions go to

http://www.yale.edu/hronline/labrelat/index.html

Faculty, Post Docs, and M&P employees salaries are set based on industry and regional standards.

The most recent year total compensation for the institution's lowest-paid workers (including contractors, if applicable) was evaluated to ensure that it was sustainable :

2008

The website URL where information about the institution's compensation policies and practices is available :

http://www.yale.edu/hronline/compclas/flsa/index.html

Employee Satisfaction Evaluation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution conducts a survey or other evaluation that allows for anonymous feedback at least once every five years to measure employee satisfaction. The survey or equivalent may be conducted institution-wide or may be done by individual departments as long as all departments are covered by a survey. The institution has a mechanism in place to address issues raised by the evaluation.

"---" *indicates that no data was submitted for this field*

Does the institution evaluate employee satisfaction in a way that meets the criteria for this credit? :

Yes

A brief description of the institution's methodology for evaluating employee satisfaction :

Yale is committed to making Yale a great place to work. In order to do this, staff feedback is critical. Yale's Workplace Survey provides the University with information on commitment, decision making, development, diversity, innovation, leadership, performance management, productivity, rewards and teamwork. The survey is completed every 2 years.

The year the employee satisfaction evaluation was last administered :

2010

The website URL where information about the institution's employee satisfaction evaluation process is available :

http://www.yale.edu/hronline/conversations/index.html

Staff Professional Development in Sustainability

Criteria

Institution makes available training and/or other professional development opportunities in sustainability to all staff at least once per year.

Separate training opportunities for each department would count for this credit, as long as each staff member has an opportunity to learn about sustainability at least once per year.

It is not necessary that each staff member attend such trainings; the credit is based on making training *available* to all staff.

This credit applies to staff members only; it does not include faculty members.

The following training opportunities are not sufficient for this credit:

- Specialized training for a small group of staff
- The opportunity to participate in an institutional sustainability committee or group

---

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability in New Employee Orientation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution covers sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff.

"---" *indicates that no data was submitted for this field*

Does the institution cover sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff? :

Yes

A brief description of how sustainability is included in new employee orientation :

Each month, the Office of Sustainability sends an email to newly-hired employees advising them of Yale's commitment to sustainability and offering them opportunities to participate. The email includes links to the Office of Sustainability's website, which contains a resource library of materials to support sustainability-related activities. In addition, several departments have developed their own sustainability training materials.
Additionally, new employees learning about alternative transportation options to campus during the orientation meeting.

The website URL for the information about sustainability in new employee orientation :

Employee Sustainability Educators Program

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution administers or oversees an ongoing faculty/staff peer-to-peer sustainability outreach and education program. In the program, employee sustainability educators are formally designated and receive formal training or participate in an institution-sponsored orientation. The institution offers financial or other support to the program.

"---" indicates that no data was submitted for this field

Total number of people employed by the institution :

9085

Program name (1st program) :

Sustainability Leaders Program

Number of employees served by the program (1st program) :

9085

A brief description of how the employee educators are selected (1st program) :

The Yale Sustainability Leaders are staff volunteers who collaborate with the Office of Sustainability to create sustainable workplaces throughout campus. The Sustainability Leaders spend a few hours each month to educate their co-workers about the importance and ease of adopting sustainable office practices including waste reduction and recycling efforts, energy conservation measures, and green purchasing.
Sustainability Leaders are now forming “Green Teams” within their offices and departments with the goal of encouraging broader participation and facilitating the transition to a more sustainable work environment.
All Yale employees are invited to participate in this volunteer program via emails, newsletters, announcements and other media.

A brief description of the formal training that the employee educators receive (1st program) :

Once a month the Leaders convene to receive updates and information on Yale’s sustainability initiatives and to discuss the progress and challenges within their individual offices.

A brief description of the staff and/or other financial support the institution provides to the program (1st program) :

The Office of Sustainability convenes the group monthly. Our office pays for a student research assistant to coordinate meetings and communications as well as to support the leaders in their efforts. We also provide food for all gathers and staff oversight of the program.

The website URL where information about the program is available (1st program) :

http://sustainability.yale.edu/leaders

Program name (2nd program) :

Number of employees served by the program (2nd program) :

A brief description of how the employee educators are selected (2nd program) :

A brief description of the formal training that the employee educators receive (2nd program) :

A brief description of the financial or other support the institution provides to the program (2nd program) :

The website URL where information about the program is available (2nd program) :

Program name(s) (all other programs) :

Number of employees served by the program(s) (all other programs) :

A brief description of how the employee educators are selected (all other programs) :

A brief description of the formal training that the employee educators receive (all other programs) :

A brief description of the staff and/or other financial support the institution provides to the program(s) (all other programs) :

The website URL where information about the program(s) is available (all other programs) :

Childcare

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an on-site child care facility, partner with a local facility, and/or provide subsidies or financial support to help meet the child care needs of students, faculty, and staff? :

Yes

A brief description of the child care program, policy, or practice :

There are a number of childcare options available to Yale staff. Details about each can be found on the Human Resources website.

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/hronline/worklife/ccd.html

Employee Wellness Program

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have an employee assistance or wellness program that provides counseling, referral, and well-being services to employees? :

Yes

A brief description of the employee wellness program, policy, or practice :

Counseling & Support Services is a free, confidential program provided by Magellan Health Services, 24 hours a day, 7 days a week.

This program offers Yale employees and their families unlimited phone support and up to six in-person counseling sessions per issue for each family member.

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/hronline/benefits/employeeAssistance.html

Socially Responsible Retirement Plan

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a socially responsible investment option for retirement plans? :

Yes

A brief description of the socially responsible investment option for retirement plans :

Yale offers a socially responsible fund under the University System 403(b) Program through TIAA-CREF or Vanguard.

TIAA-CREF offers the following:
The CREF Social Choice Account, a variable annuity account
The TIAA-CREF Social Choice Equity Fund, a mutual fund
Vanguard offers severally options for investing socially responsible funds.

The website URL where information about the program, policy, or practice is available :

http://www.yale.edu/hronline/benefits/RetirementMP.html

Investment

This subcategory seeks to recognize institutions that make investment decisions that promote sustainability. Most institutions invest some of their assets in order to generate income. Together, colleges and universities invest hundreds of billions of dollars. Schools with transparent and democratic investment processes promote accountability and engagement by the campus and community. Furthermore, institutions can support sustainability by investing in companies and funds that, in addition to providing a strong rate of return, are committed to social and environmental responsibility. Investing in these industries also supports the development of sustainable products and services. Finally, campuses can engage with the businesses in which they are invested in order to promote sustainable practices.

Throughout this subcategory, the term "sustainable investment" is inclusive of socially responsible, environmentally responsible, ethical, impact, and mission-related investment.

Credit
Committee on Investor Responsibility
Shareholder Advocacy
Positive Sustainability Investments
Student-Managed Sustainable Investment Fund
Sustainable Investment Policy
Investment Disclosure

Committee on Investor Responsibility

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has a formally established and active CIR or similar body that makes recommendations to the Board of Trustees on socially and environmentally responsible investment opportunities across asset classes, including proxy voting. The body has multi-stakeholder representation, which means its membership includes faculty, staff, and students and may include alumni, trustees, and/or other parties.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

A general committee that oversees the institution's investments does not count for this credit unless social and environmental responsibility is an explicit part of its mission and/or agenda.

This credit applies to institutions with endowments of US $1 million or larger. Institutions with endowments totaling less than US $1 million may choose to omit this credit.

"---" *indicates that no data was submitted for this field*

Does the institution have a committee on investor responsibility or similar body that meets the criteria for this credit? :

Yes

The charter or mission statement of the CIR or other body, which reflects social and environmental concerns, or a brief description of how the CIR is tasked to address social and environmental concerns :

Yale was one of the first institutions to address formally the ethical responsibilities of institutional investors. In 1969 Professors John Simon, James Tobin, William Brainard, and Charles Lindbloom along with Yale graduate students Charles Powers and Jon Gunnemann conducted a seminar entitled "Yale's Investments," which explored the ethical, economic, and legal implications of institutional investments. As a result of the seminar, Messrs.Simon, Powers, and Gunnemann wrote The Ethical Investor: Universities and Corporate Responsibility. Published in March 1972 by Yale University Press, the book established criteria and procedures by which a university could respond to requests from members of its community to consider factors in addition to economic return when making investment decisions and exercising rights as shareholder.
The Yale Corporation adopted the guidelines outlined in The Ethical Investor in April 1972 and Yale became, according to the New York Times, "the first major university to resolve this issue by abandoning the role of passive institutional investor." The book subsequently served as a blueprint for the ethical polices of a number of universities.

In the 1972-3 academic year, as suggested in The Ethical Investor, Yale established the Advisory Committee on Investor Responsibility (ACIR). The inaugural committee addressed social responsibility issues ranging from company investment in South Africa, to defense contracting, political lobbying and environmental safety. Later the Yale Corporation formed the Corporation

Committee on Investor Responsibility (CCIR).

The CCIR is composed of Fellows of the Corporation. It recommends policy to the full Corporation and is charged with implementing approved policy. In discharging its responsibility, the CCIR is assisted by the ACIR.

The ACIR is composed of two students (one undergraduate and one graduate), two alumni, two faculty, and two staff members.

Members of the CIR, including affiliations :

Jonathan Macey (Chair) - Yale Law School
Andrew Hapke - Graduate Student
Carrie Capezzone - Associate Dean of Finance for Yale School of Medicine
Darcy Frisch - Yale Alumnae, Vice President of Strategic Investments at Hearst Interactive Media
Harry Stout - Professor of History, Religious Studies, and American Studies
Shana Schneider - Deputy Director, Yale Entrepreneurial Institute
Benjamin Daus-Haberle - Yale College Student
Joy McGrath - Special Assistant to the Provost, Yale University

Recent examples (within the past 3 years) of CIR actions :

The website URL where information about the committee is available :

http://acir.yale.edu/

Shareholder Advocacy

Criteria

There are two possible approaches to earning this credit.

1) Institution filed or co-filed one or more shareholder resolutions that address sustainability or submitted one or more letters about social or environmental responsibility to a company in which it holds investments, during the previous three years.

and/or

2) Institution has conducted a negative screening of its entire investment pool within the last three years. This could take the form of prohibiting investment in an industry (e.g. tobacco or weapons manufacturing) or participating in a divestment effort (e.g. companies operating in South Africa during apartheid). The negative screen includes selling all but $2,000 or less of the affected direct holdings and writing a letter to all fund managers encouraging them to remove affected holdings as well.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the shareholder advocacy activities of those entities.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Positive Sustainability Investments

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution invests in any of the following:

- Sustainable industries, such as renewable energy or sustainable forestry
- Businesses selected for exemplary sustainability performances
- Sustainability investment funds, such as a renewable energy investment fund
- Community development financial institutions (CDFI)
- Socially responsible mutual funds with positive screens.

Investment in a socially responsible mutual fund with only negative screens (i.e. one that excludes egregious offenders or certain industries, such as tobacco or weapons manufacturing) does not count for this credit.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

Submission Note:

Please see 2009 Endowment Brochure

http://www.yale.edu/investments/Yale_Endowment_09.pdf

"---" *indicates that no data was submitted for this field*

Total value of the investment pool :

16700000000 *US/Canadian $*

Value of holdings in sustainable industries, such as renewable energy or sustainable forestry :

1400000000 *US/Canadian $*

Value of holdings in businesses selected for exemplary sustainability performances :

0 *US/Canadian $*

Value of holdings in sustainability investment funds, such as a renewable energy investment fund :

0 *US/Canadian $*

Value of holdings in community development financial institutions (CDFIs) :

0 *US/Canadian $*

Value of holdings in socially responsible mutual funds with positive screens :

0 *US/Canadian $*

A brief description of the companies, funds, and/or institutions referenced above :

The number above represents the gross value of certified sustainable timber land and renewable energy and clean tech investments.

The website URL where information about the institution’s sustainability investment activities is available :

Student-Managed Sustainable Investment Fund

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a student-managed sustainable investment fund through which students are able to develop socially and/or environmentally responsible investment skills and experience with governance? :

Yes

A brief description of the student-managed sustainable investment fund :

The Dwight Hall SRI Fund is a group of Yale students who manage a portion of the endowment of Dwight Hall at Yale, a non-profit that serves over seventy service and advocacy organizations at our university. They employ a modern approach to socially responsible investing (SRI) that aims to have a positive environmental and social impact while outperforming standard investment benchmarks. It is their hope that their portfolio will contribute to the success of Dwight Hall, inspire the creation of similar funds at other colleges, and make SRI both accessible and exciting to college students.

The website URL where information about the fund is available :

http://www.dwighthallsri.org/index.html

Sustainable Investment Policy

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution have a policy, practice or directive to consider the social and/or environmental impacts of investment decisions, in addition to financial considerations? :

Yes

A brief description of the sustainable investment policy :

The Yale Corporation adopted the guidelines outlined in The Ethical Investor in April 1972 and uses this as its guide for investment decisions. To read more on the basic policies outlined in this guide please follow the URL.

The website URL where information about the policy is available :

http://acir.yale.edu/pdf/EthicalInvestor.pdf

Investment Disclosure

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

"---" *indicates that no data was submitted for this field*

Does the institution make a snapshot of its investment holdings, including the amount invested in each fund and/or company and proxy voting records, available to the public? :

Yes

A brief description of the institution's investment disclosure practices :

Yale University's Investment Office releases an annual report that provides a snapshot of the University's investment strategy and numbers associated with the previous fiscal year investment portfolio.

The website URL where information about investment disclosure available :

http://www.yale.edu/investments/Yale_Endowment_10.pdf

Public Engagement

This subcategory seeks to recognize institutions that give back to their communities through community service, engagement, and partnerships. Volunteerism and the sense of compassion that community service helps develop are fundamental to achieving sustainability. From tutoring children to removing invasive species to volunteering at a food bank, students, faculty, and staff can make tangible contributions that address sustainability challenges through community service. Community engagement can help students develop leadership skills while deepening their understandings of practical, real-world problems. Institutions can contribute to their communities by harnessing their financial and academic resources to address community needs. For example, faculty research and courses can focus on how to address community problems. In addition, colleges and universities can offer incentives for their graduates to pursue careers that fill community needs, and schools can use their prominence to advocate for sustainability outside of their institutions.

Credit
Community Sustainability Partnerships
Inter-Campus Collaboration on Sustainability
Sustainability in Continuing Education
Community Service Participation
Community Service Hours
Sustainability Policy Advocacy
Trademark Licensing
Graduation Pledge
Community Service on Transcripts
Farmers' Market

Community Sustainability Partnerships

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution has formal partnership(s) with the local community, including school districts, government agencies, non-profit organizations, or other entities, to work together to advance sustainability within the community.

"---" *indicates that no data was submitted for this field*

Does the institution participate in community sustainability partnerships that meet the criteria for this credit? :

Yes

A brief description of the institution's sustainability partnerships with the local community :

Yale's Urban Resources Initiative is a not-for-profit university partnership whose mission is to foster community-based land stewardship, promote environmental education and advance the practice of urban forestry.

The website URL where information about sustainability partnerships is available :

http://environment.yale.edu/uri/

Inter-Campus Collaboration on Sustainability

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution collaborates with other colleges and universities to support and help build the campus sustainability community.

"---" *indicates that no data was submitted for this field*

Does the institution collaborate with other colleges and universities to support and help build the campus sustainability community? :

Yes

A brief summary of papers, guides, presentations, and other resources the institution has developed to share their sustainability experience with other institutions :

In 2006 the Yale Office of Sustainability hosted the Northeast Sustainability Conference. Out of this conference our office developed the "2006 Northeast Sustainability Conference Report"

http://sustainability.yale.edu/sites/default/files/necsc_report.pdf

Our office has attended and presented at every AASHE conference. This includes a presentation at the last AASHE conference in which our office collaborated with Duke University and Furman University to conduct a panel discussion on Local Carbon Mitigation Projects.

Our office also frequently makes presentations about our Climate Change Reduction Strategy at other institutions and organizations within the State of Connecticut.

Our office has presented several times at Northeast Sustainable Energy Association annual conference.

The names of local, state, regional, national, and other campus sustainability organizations or consortia in which the institution participates and/or is a member :

Existing alliances in which Yale works include:
- Ivy Plus Sustainability Working Group

- Northeast Campus Sustainability Consortium
- International Alliance of Research Universities
- New Haven Office of Sustainability

Yale is also member of AASHE and a charter participant of AASHE STARS.

A brief summary of additional ways the institution collaborates with other campuses to advance sustainability :

The Office of Sustainability has established a leadership platform upon which we exchange best practices with institutions locally, regionally, nationally and internationally. By discussing our objectives and methods, we motivate other institutions and communities to set similarly ambitious goals and we advance the dialogue on an issue of transcendent importance. The Office is now working on how to enhance the existing inter-institutional relationships and build new alliances of this nature within New Haven and Connecticut.

The website URL where information about cross-campus collaboration is available :

http://sustainability.yale.edu/partners

Sustainability in Continuing Education

Criteria

Part 1

Institution offers continuing education courses that are focused on or related to sustainability.

Courses that can be taken for academic credit are not included in this credit. They are covered by the *Curriculum* subcategory.

Part 2

Institution has a sustainability-related certificate program through its continuing education or extension department.

This credit was marked as **Not Applicable** for the following reason:

Institution does not offer continuing education or community education programs.

Community Service Participation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution engages its student body in community service, as measured by the percentage of students who participate in community service.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

"---" *indicates that no data was submitted for this field*

The number of students engaged in community service :

3500

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

5279

The website URL where information about the institution's community service initiatives is available :

http://www.dwighthall.org/

Community Service Hours

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution engages students in community service, as measured by average hours contributed per full-time student per year.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

Submission Note:

This number reflects undergraduates only. Yale does not have a central office that records the number of student hours from every school at Yale (of which there are over 14) who participate in community service. It is beyond our office's capability to obtain this information for all of the graduate and professional schools on campus. Dwight Hall is the community service program for Yale College only.

"---" *indicates that no data was submitted for this field*

The number of student community service hours contributed during a one-year period :

140000

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

5279

The website URL where information about the institution's community service initiatives is available :

http://www.dwighthall.org/

Sustainability Policy Advocacy

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution advocates for federal, state, or local public policies that support campus sustainability or that otherwise advance sustainability.

The policy advocacy must be done by the institution, not by students or a student group.

"---" *indicates that no data was submitted for this field*

Has the institution advocated for federal, state, and/or local public policies that support campus sustainability or that otherwise advance sustainability? :

Yes

A brief description of how the institution engages in public policy advocacy for sustainability, including the issues, bills, and ordinances for or against which the institution has advocated :

Yale President, Richard C. Levin, testified before the U.S.
Committee on the Environment and Public Works on April 3, 2008 calling for the federal government to enact legislation limiting greenhouse gas emissions.

The website URL where information about the institution's advocacy efforts are available :

http://www.yaledailynews.com/news/2008/apr/04/at-senate-levin-urges-greenhouse-legislation/?print

Trademark Licensing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Part 1

Institution is a member of the Fair Labor Association or Worker Rights Consortium.

Part 2

Institution has signed on to participate in the Designated Suppliers Program.

"---" *indicates that no data was submitted for this field*

Is the institution a member of the Worker Rights Consortium? :

No

Is the institution a member of the Fair Labor Association? :

Yes

Has the institution expressed intention to participate in the Designated Suppliers Program? :

No

The website URL where information about the institution's participation in the WRC, FLA, and/or DSP is available :

http://www.yale.edu/licensing/faq.html

Graduation Pledge

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Community Service on Transcripts

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Farmers’ Market

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

This credit was marked as **Not Applicable** for the following reason:

Institution is located in an area that is served by an existing farmers' market.

Innovation

Innovation

These credits recognize institutions that are seeking innovative solutions to sustainability challenges and demonstrating sustainability leadership in ways that are not otherwise captured by STARS.

Credit
Innovation 1
Innovation 2
Innovation 3
Innovation 4

Innovation 1

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.

2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.

3) The innovative practice, policy, program, or outcome should have occurred within the past three years.

4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.

5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.

6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.

7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.

8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.

9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.

10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.

"---" *indicates that no data was submitted for this field*

A brief description of the innovative policy, practice, program, or outcome :

Yale Carbon Calculator

The Yale Community Carbon Fund developed a Yale specific carbon calculator to help members of the Yale community calculate emissions associated with Yale related events, commuting, and travel. By providing the Yale community a carbon calculator that assess their direct carbon impact we hope to educate people about the choices they make when planning events, commuting, and traveling. Ultimately, we hope that the Yale community will use the calculator as a tool for making less carbon intensive choices when it comes to

event planning, commuting, and selecting transportation options.

Using monthly utility data for each building on Yale's campus and emission factors associated with Yale power plants and the local electricity grid, the carbon calculator allows users to better understand the greenhouse gas emissions associated with any event they may hold on campus.

Additionally, regional and national emission factors were used to estimate greenhouse gas emissions associated with transportation and waste.

A letter of affirmation from an individual with relevant expertise :

YCCF_STARS_Letter.pdf

The website URL where information about the innovation is available :

http://yccf.sustainability.yale.edu/

Innovation 2

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.

2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.

3) The innovative practice, policy, program, or outcome should have occurred within the past three years.

4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.

5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.

6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.

7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.

8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.

9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.

10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.

"---" *indicates that no data was submitted for this field*

A brief description of the innovative policy, practice, program, or outcome :

New Haven Promise Program

Program and Mission: New Haven Promise (NHP) is a visionary scholarship and support program for the purposes of promoting college education as an aspiration for all New Haven Public School (NHPS) students; assisting graduating students from NHPS to pursue education after high school; and enhancing the growth, stability, and economic development of the City of New Haven.

The mission of New Haven Promise is to improve the school district—by complementing and promoting School Change, the NHPS education reform initiative—and support economic development in New Haven by growing a competitive workforce and increasing homeownership. By providing economic access to two- and four-year colleges and universities to young people who want to learn, New Haven Promise helps reinforce a set of core values that make cities great.

New Haven Promise: Scholarship is funded by Yale University.
Yale-New Haven Hospital and Wells Fargo. New Haven Promise is housed at and administered by The Community Foundation for Greater New Haven.

5 Things You Need to Know About New Haven Promise

1. New Haven Promise is a scaled scholarship and support program with the goals of cultivating an aspiration for a college education in New Haven public school students, building community and parental engagement, and growing economic development in the City of New Haven.

2. New Haven Promise covers full tuition to in-state (Connecticut) public colleges and universities OR up to $2,500 annually to in-state (Connecticut) private nonprofit colleges and universities to resident students of New Haven Public Schools and approved City public charter schools that meet all the program requirements.

3. You must be a resident of New Haven AND you must attend New Haven public schools in order to qualify for a New Haven Promise scholarship; the scholarship benefit is scaled based on continuous and concurrent number of years student is enrolled in New Haven public schools and resides in the City of New Haven. You must have a positive disciplinary record (no expulsions); complete 40-hours of community service in high school (grades 9-12); meet 90% attendance or better in high school (grades 9-12); receive a cumulative 3.0 GPA in high school grades 9-12); and maintain 2.5 GPA in college in order to maintain a Promise scholarship.

4. New Haven Promise is designed to be an eight year program (starting with the ninth grade of high school through graduation from a four-year college or university). The City has launched the New Haven Promise scholarship with this year's entering high school freshman, making the Class of 2014 the first students eligible to receive 100% of the scholarship benefit. Students graduating in years 2011-2013 have an additional formula from which the scholarship is scaled.

5. New Haven Promise is possible thanks to the generous donations of Yale University and the Community Foundation for Greater New Haven. Yale University is funding the actual cost of New Haven Promise scholarships and the Community Foundation for Greater New Haven is funding the administration of the Promise program.

A letter of affirmation from an individual with relevant expertise :

NewHavenPromise.pdf

The website URL where information about the innovation is available :

http://promise.nhps.net/index.php

Innovation 3

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.

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"---" *indicates that no data was submitted for this field*

A brief description of the innovative policy, practice, program, or outcome :

Yale Health Plan Donates Equipment to Haiti

In an effort to fulfill a goodwill mission and reduce 38 tons of waste , Yale Health Plan worked with the International Medical Equipment Collaborative (IMEC), a non-profit organization that provides medical equipment to rebuild hospitals and clinics in impoverished areas worldwide, to donate approximately 6,000 medical equipment items to Haiti soon after the devastating earthquake hit the country.

Some of the items included: Patient monitors, exam lights, patient chairs, EKG machines, stools, scales and medication carts. IMEC Director, Dan DiBurro, stated "The impact of this donation is immense, and it is the biggest medical equipment donation that I've been involved with in my five-and-a-half years at IMEC," he says. "Everything was in pristine condition. [Reusing medical equipment like this] is good for our environment, too."

The equipment was used at 300-bed hospital in Mirebalais, 45 minutes from Port-Au-Prince. The hospital is being rebuilt after it was severely damaged in the earthquake. IMEC indicated that the Yale donation will take care of 20% of what the hospital needs.

This innovative and thoughtful project serves as an example of how University can make big impacts while achieving sustainability goals.

A letter of affirmation from an individual with relevant expertise :

YaleHealthPlan_HaitiDonation.pdf

The website URL where information about the innovation is available :

http://www.yale.edu/hronline/worklife/

Innovation 4

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.

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10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.

"---" *indicates that no data was submitted for this field*

A brief description of the innovative policy, practice, program, or outcome :

Sustainability Micro-loan Fund

Yale students, faculty, and staff are invited to apply for short-term loans between $500 and $100,000 in support of initiatives that will improve the University's environmental performance and generate real cost savings.
Aimed at engaging all members of the Yale community in helping to enhance the culture of sustainability at Yale, this program will both foster positive change and help call attention to the connections between financial and environmental prosperity.

A letter of affirmation from an individual with relevant expertise :

STARS Innovation Application.pdf

The website URL where information about the innovation is available :

http://sustainability.yale.edu/microloan

Supplemental

Supplemental Data

The supplemental section includes reporting fields that are not part of STARS, but that have been requested by campus survey organizations (the Sustainable Endowments Institute, The Princeton Review, and Sierra magazine). Institutions that wish to share their data with one or more of these organizations should complete the fields in full or contact the relevant organization(s) for guidance regarding minimum reporting requirements.

Credit
New Student Orientation
Food Education
Food and Beverage Purchases
Confinement-Free Food Purchases
Vegetarian-Fed Food Purchases
Hormone-Free Food Purchases
Seafood Purchases
Dishware
Energy Initiatives
Energy Use by Type
Procurement
Bike Sharing
Water Initiatives
Endowment
Sustainability Staffing

New Student Orientation

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details about how it incorporates sustainability into new student orientation.

"---" indicates that no data was submitted for this field

Does new student orientation include presentations, speakers, or skits that address sustainability and take place in large venues that most or all first-year students attend? :

No

Provide a brief description of the presentations, speakers or skits :

Does new student orientation incorporate sustainability information into presentations (e.g., made by Residential Advisors to individual dorm floors)? :

No

Provide a brief description of the presentations :

Does new student orientation actively engage students in activities that raise awareness about sustainability, highlight how sustainability plays out on campus, or allows students to take part in a productive green activity? :

Yes

Provide a brief description of the activities :

STEP (Sustainability Education Peers holds an ice-cream social for all new undergraduate students the second week after students move in.

STEP uses this opportunity to discuss sustainability initiatives on campus and introduce themselves as Residential College representatives of the Office of Sustainability.

Does the institution make new student orientation more sustainable via efforts such as a zero-waste meal or carbon

offsets? :

No

Provide a brief description of the efforts :

Does the institution incorporate sustainability into new student orientation in other ways? :

Yes

Provide a brief description :

STEP sets up a table during undergraduate move-in to welcome new students and raise awareness of sustainability initiatives on campus. In addition, several of Yale's professional schools hold sustainability orientation activities (Yale School of Forestry & Environmental Studies, Yale School of Management).

All students (undergraduate, graduate, professional school) are encouraged to visit the Office of Sustainability's Welcome to Yale webpage that outlines ways to integrate sustainability into daily life at Yale. In addition, all undergraduates are sent a letter during the summer before they arrive on campus. This letter introduces them to the Office of Sustainability and provides tips for packing & bringing responsible products with them, as well as ways to live sustainably on campus.

Food Education

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides education about eco-positive food and gardening techniques.

"---" indicates that no data was submitted for this field

Are students educated in an academic class about how to make eco-positive food choices? :

Yes

Provide a brief description :

Courses are offered to students but not required.

Are students educated in dining facilities about how to make eco-positive food choices? :

Yes

Provide a brief description :

There is frequently signage associated with the various dishes and sometimes signage on the tables.

Are students educated during orientation about how to make eco-positive food choices? :

No

Provide a brief description :

Are students educated in other venues about how to make eco-positive food choices? :

Yes

Provide a brief description :

During the event for admitted students in April we offer programming.
Yale Dining offers field trips to area farms with programming en route.

The Yale Sustainable Food Project offers incoming freshmen the opportunity to spend two weeks on a farm before classes start (Harvest program)
There are programs and internships through the Yale Sustainable Food Project throughout the year.

Is there a program by which students are encouraged to and/or taught how to grow their own food? :

Yes

Provide a brief description of the program :

The Sustainable Food Project manages an organic farm on campus, runs diverse programs that support exploration and academic inquiry related to food and agriculture, and collaborates on a sustainable dining program at Yale. The Farm, a 15-minute walk north of the Old Campus, hosts workshops, seminars, volunteer workdays, and tours for local schools. Throughout the school year, the Farm hosts weekly volunteer workdays from 1:00pm to 5:00pm on Tuesdays, Fridays, and Sundays.

Food and Beverage Purchases

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details of its food and beverage purchases.

"---" indicates that no data was submitted for this field

The percentage of food and beverage expenditures that were processed within 100 miles of the institution by a company that is not publicly traded :

12

The percentage of food and beverage expenditures that were grown within 100 miles of the institution :

37

List what tool your institution is using to track this information (e.g. Center for Environmental Farming Systems or CBORD) :

Supplier Data Primarily form US Foods and Fresh Point and CBord , data is compiled manually form these and other sources

List items procured for dining services from on-campus organic garden(s) :

None

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s) :

0

List all Fair Trade certified items purchased :

Tea and Coffee

Confinement-Free Food Purchases

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details of its confinement-free animal product purchases.

"---" indicates that no data was submitted for this field

Type of cage-free / free-range eggs purchased :

American Humane certified cage free, vegetarian-fed eggs

Percentage purchased :

95

Comments :

Type of confinement-free product purchased (1st product) :

b. Antibiotic-free, hormone free , vegetarian fed confinement free Certified Humane pork

Percentage purchased (1st product) :

80

Comments (1st product) :

Type of confinement-free product purchased (2nd product) :

Percentage purchased (2nd product) :

Comments (2nd product) :

Type of confinement-free product purchased (3rd product) :

Percentage purchased (3rd product) :

Comments (3rd product) :

Type of confinement-free product purchased (4th product) :

Percentage purchased (4th product) :

Comments (4th product) :

Vegetarian-Fed Food Purchases

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details of its vegetarian-fed animal product purchases.

Submission Note:

We also purchase 80% hormone free, Vegetarian fed local Farmer’s Cow Milk

"---" *indicates that no data was submitted for this field*

Type of vegetarian-fed product purchased (1st product) :

Antibiotic-free, hormone free , vegetarian fed Certified Humane and minimally processed fresh chicken

Percentage purchased (1st product) :

90

Comments (1st product) :

Type of vegetarian-fed product purchased (2nd product) :

Cage free vegetarian fed eggs

Percentage purchased (2nd product) :

95

Comments (2nd product) :

Type of vegetarian-fed product purchased (3rd product) :

Antibiotic-free, hormone free , vegetarian fed Certified Humane ground beef

Percentage purchased (3rd product) :

95

Comments (3rd product) :

Type of vegetarian-fed product purchased (4th product) :

Antibiotic-free, hormone free , vegetarian fed Certified Humane whole muscle beef

Percentage purchased (4th product) :

30

Comments (4th product) :

Type of vegetarian-fed product purchased (5th product) :

antibiotic-free, hormone free , vegetarian fed confinement free Certified Humane pork

Percentage purchased (5th product) :

80

Comments (5th product) :

Excluding bacon and sausage

Hormone-Free Food Purchases

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details of its hormone-free animal product purchases.

Submission Note:

We also purchase 80% Hormone Free, Vegetarian fed local Farmer’s Cow Milk

"---" *indicates that no data was submitted for this field*

Type of hormone-free product purchased (1st product) :

Antibiotic-free, hormone free , vegetarian fed Certified Humane and minimally processed fresh chicken

Percentage purchased (1st product) :

90

Comments (1st product) :

Type of hormone-free product purchased (2nd product) :

Cage free vegetarian fed eggs

Percentage purchased (2nd product) :

95

Comments (2nd product) :

Type of hormone-free product purchased (3rd product) :

Antibiotic-free, hormone free , vegetarian fed Certified Humane ground beef

Percentage purchased (3rd product) :

95

Comments (3rd product) :

Type of hormone-free product purchased (4th product) :

Antibiotic-free, hormone free , vegetarian fed Certified Humane whole muscle beef

Percentage purchased (4th product) :

30

Comments (4th product) :

Type of hormone-free product purchased (5th product) :

Antibiotic-free, hormone free , vegetarian fed confinement free Certified Humane pork

Percentage purchased (5th product) :

80

Comments (5th product) :

Seafood Purchases

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details of seafood products purchased that meet Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines.

"---" *indicates that no data was submitted for this field*

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (1st product) :

Salmon

Percentage purchased (1st product) :

80

Standard used (1st product) :

Marine Stewardship Council

Comments (1st product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (2nd product) :

Cod

Percentage purchased (2nd product) :

80

Standard used (2nd product) :

Marine Stewardship Council

Comments (2nd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (3rd product) :

Pollock

Percentage purchased (3rd product) :

80

Standard used (3rd product) :

Marine Stewardship Council

Comments (3rd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (4th product) :

Percentage purchased (4th product) :

Standard used (4th product) :

Comments (4th product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (5th product) :

Percentage purchased (5th product) :

Standard used (5th product) :

Comments (5th product) :

Dishware

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details of the dishware its provides at its dining services locations.

"---" indicates that no data was submitted for this field

Does the institution offer reusable dishware at its dining services locations? :

Yes

Does the institution offer plastic dishware at its dining services locations? :

No

Does the institution offer polystyrene (Styrofoam) dishware at its dining services locations? :

No

Does the institution offer post-consumer recycled content dishware at its dining services locations? :

Yes

Does the institution offer biodegradable / compostable dishware at its dining services locations? :

Yes

Does the institution offer other types of dishware at its dining services locations? :

Yes

Provide a brief description. :

A small amount of disposables that are not compostable or biodegradble are used in our retail operations. Retail operation are less than 20 % of our meals and of those meals only about 1/3 are served on take out materials that are not compostable , biode

Energy Initiatives

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details about its energy initiatives.

Submission Note:

Yale's approach to energy conservation projects has not been building based, but rather program or initiative based. For this reason, many buildings were affected, however efforts were not based on a whole building renovations.

"---" *indicates that no data was submitted for this field*

The percentage of total building space square footage that has undergone energy retrofits or renovations within the past three years :

20

The percentage of overall energy consumption reduced as a result of retrofits and renovations completed within the past three years :

3

The percentage of electricity consumption reduced as a result of retrofits and renovations completed within the past three years :

1

The percentage of thermal energy consumption reduced as a result of retrofits and renovations completed within the past three years :

4

The combined gross square footage of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

0

The names of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

None

The combined gross square footage of all buildings that are ENERGY STAR labeled :

0

The names of all buildings that are ENERGY STAR labeled :

None

Energy Use by Type

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution reports its energy use by type.

Submission Note:

Electricity percentages by type are based only on electricity generated on campus. Yale generates 59% of it's electricity and purchases 41% from the local utility, United Illuminating.

New England Grid energy sources for 2011 include the following:
Gas 36%
Nuclear 26.5%
Oil/Gas 12.3%
Hydro: Run of River & Pondage 6.4%
Renewables 5.6%
Coal: 5.5%
Hydro: Pumped Storage .9%
Oil: .2%

"---" *indicates that no data was submitted for this field*

The percentage of total electricity use from coal. :

0

The percentage of total electricity use from wind. :

0.00

The percentage of total electricity use from biomass. :

0

The percentage of total electricity use from natural gas. :

99

The percentage of total electricity use from solar PV. :

0.07

The percentage of total electricity use from geothermal. :

0

The percentage of total electricity use from nuclear. :

0

The percentage of total electricity use from hydro. :

0

The percentage of total electricity use from other. :

0.73

Provide a brief description. :

Fuel Cell - 250kW system

The percentage of total energy used for heating buildings from coal. :

0

The percentage of total energy used for heating buildings from biomass. :

0

The percentage of total energy used for heating buildings from electricity. :

0

The percentage of total energy used for heating buildings from natural gas. :

97

The percentage of total energy used for heating buildings from geothermal. :

0.58

The percentage of total energy used for heating buildings from fuel oil. :

2

The percentage of total energy used for heating buildings from other. :

0.03

Provide a brief description. :

Propane

If cogeneration, please explain. :

Both of Yale's Power Plants are cogeneration facilities producing steam, chilled water and electricity.

Procurement

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details about its procurement efforts.

"---" indicates that no data was submitted for this field

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories) :

58

Does the institution have a policy to purchase ENERGY STAR appliances whenever possible? :

No

The percentage of expenditures on Forest Stewardship Council (FSC) certified office paper (US/Canadian dollars) :

Does the institution's vendor code or policy require vendors to use less packaging? :

No

Bike Sharing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution reports the number of bicycles available through bike sharing programs.

"---" *indicates that no data was submitted for this field*

The number of bicycles available through bike sharing programs :

62

Water Initiatives

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details about its water initiatives.

Submission Note:

Kroon Hall, Ingalls Rink and the Sculpture building all have waterless urinals. The 1% above is an estimate.

"---" *indicates that no data was submitted for this field*

Is there is a ban or restriction on selling or distributing bottled water on campus? :

No

Provide a brief description of any bottled water ban or restriction :

Does the institution meter any of its non-potable water usage? :

Yes

The percentage of urinals on campus that are waterless :

1

Endowment

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution provides details about its endowment.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability Staffing

Responsible Party

Keri Enright-Kato
Sustainability Project Manager
Office of Sustainability

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

"---" *indicates that no data was submitted for this field*

The amount of weekly time worked by people employed in the sustainability office (in full-time equivalent) :

239.50

FTE staff on payroll :

5

FTE student intern/fellow :

1