

2024

Competition Overview

Agenda

- About Campus Race to Zero Waste (CR2ZW)
- Categories
- Reporting
- Planning Steps
- Resources
- Timeline
- More opportunities beyond the competition



Amherst College

Poll Question



Has your school participated in the
Campus Race to Zero Waste before?

Campus Race to Zero Waste's Mission

Using fair and friendly competition to provide tools and opportunities that inspire, empower and mobilize colleges and universities to benchmark and improve their efforts to reduce and eliminate waste.



Central Michigan University

What is the Campus Race to Zero Waste?

- 8 week competition to reduce waste and increase recycling
- Takes place February-March
- Campuses have several category choices, there are 8-week (each week) reporting categories, as well as one time reporting categories.
- Campuses begin planning in the fall.

Emerson College



Campus Race to Zero Waste 2023

200

colleges and
universities
participated



**3.4
Million**

students, faculty and
staff reached

41

states in the
U.S., District
of Columbia
& Canada
represented



29.4 Million

pounds of waste donated,
composted and recycled



205 Million

single-use plastic
containers kept
out of the landfill



29,108

metric tons of carbon
dioxide equivalent
(MTCO₂E) prevented



equivalent to
preventing the annual
emissions from **6,128**
cars





The bad news...



Globally, only 9% of **recyclable plastic is actually recycled**

(National Geographic)

Trash kills wildlife >

It's estimated that ingestion of plastic kills 1 million marine birds and 100,000 marine animals each year

(One Green Planet)



Trash harms habitat >

5.25 trillion plastic particles in the ocean from food and beverage containers, microbeads from personal care items, etc.

(One Green Planet)



Customize the Competition

- Choose categories to participate in
- Plan extensive or minimal outreach
- **Benchmark** current efforts or expand waste reduction and recycling programs
- Set challenge that resonates on your campus:
 - Focus on national, local or other filter
 - Benchmark against past years or week to week
 - Internal competition

What's new for 2024 competition?

- **New category – “Green Events”** – one time reporting, event within one day, reporting due by close of the competition/review period.
- **Changes to Zero Waste main category** – campus-wide tracking, activity points will not impact ranking
- **Changes to Race to Zero Waste One Building Challenge** – chosen building must be at least 10,000 sq. ft.

Choose Your Categories

- 8 week, weekly reporting categories (February-March)

- Diversion
- Per Capita
- Food
- Zero Waste



Cal Poly Humboldt

- **Special Categories – One time reporting**

- **New! Green Events** (event within one day)
- Electronics (one month tracking)
- GameDay Basketball (one home game tracking)
- Race to Zero Waste Building (four weeks tracking)
- Case Study competition (submission due in June)

8 Week Reporting Categories

- **Per Capita** - recycling/FTE population
- **Diversion** - recycling + trash + food
- **Food Organics** - food waste, any organic materials
- **Zero Waste** - recycling + trash + food, materials collected for reuse



Chapman University

Recognition Highlight for Main Categories

Recognize 3 winners per each main category:

- Zero Waste
- Diversion
- Food Organics
- Per Capita

According to Carnegie Classification:

- Small/Very Small
- Medium
- Large/Very Large



Photo: Warren Sander

Benefits/Impacts:

- Opportunity to recognize more campuses
- Level the playing field

Per Capita Category

In this category schools compete to see which can collect the largest combined amount of paper, cardboard and bottles and cans on a per person basis. Results are calculated by dividing recycling weight figures with the full time equivalent (FTE) student and staff population of the school.

This is a great category for schools just getting started!

Results are calculated using the following equation:

$$\frac{\text{Weight of Recyclables}}{\text{Campus Population}} = \text{XX.XX lbs.}$$



Named in honor of Steve Gaski of Miami University, an early supporter of RecycleMania in its first years.

Diversion Category

Awards the school with the highest waste diversion percentage.

Diversion is determined by the percentage of the total weight of recyclables and food organics diverted from total waste generated. To be ranked in this category, schools must provide their trash, paper, cardboard and cans and bottles weights. Results are calculated using the following equation:

- $$\frac{\text{Weight of Recyclables} + \text{Food Organics}}{\text{Weight of Recyclables, Food} + \text{Weight of Trash}} \times 100$$

- = XX%

Weight of Recyclables, Food + Weight of Trash



Food Waste Category

The main goal of the Food Organics category is to recognize campuses that are successfully implementing food waste minimization activities that address overage. The secondary focus for this category is how food waste recovered is managed (i.e., donation to people, composting, etc.).

Campuses will share info about activities during registration.

Campus are required to report on your composting to participate in this category.

The following materials are included in the food waste organics category:

- Pre and post-consumer food waste
- Compostable service ware
- Used cooking grease



Zero Waste Category

This category is open to all schools, but specifically designed for those with mature waste reduction programs interested to focus on advanced recovery efforts.

- Tracking and reporting **campus-wide** for all MSW-related waste = trash, recycling, food organics, materials collected for reuse.

Waste audit of one building required.

- National winners will be based on the following calculation: Lowest total waste generation per 1,000 sq. ft. of usable space (trash + recycling, organics, reusables) for the eight week competition period.
- Continued Change: Removed waste minimization activities.



8 Week Reporting Categories

Accepted

Materials discarded by individuals

- Cans & Bottles = Rigid container
- Paper = All sources
- Cardboard
- Food Organics
- Materials for reuse (Zero Waste only)

Not Accepted

- Appliances
- Scrap metals
- Yard waste
- Construction waste
- Medical waste
- Waste-to-energy
- Electronics*

*Only counted for special category

View full list online: [Participate/ Rules](#)

8 Week Reporting Schedule

Weekly Reporting Schedule

- Track Sunday through Saturday
- Reports due by following Wednesday
- Results posted every Friday
- Full reporting schedule at www.CampusRacetoZeroWaste.org

Donate Donate Donate!

Don't have clothes on campus that you want to donate? Remember to bring clothes back after spring break! Accepting donations until Friday, March 31.

ACCEPTING ALL:

- clothes
- shoes
- bags
- accessories

NOT ACCEPTING:

- socks
- underwear
- undergarments
- damaged items



Email greenhope@hope.edu with any questions or to get involved!

Hope College

Weekly Updated Rankings

Diversion, Organized by Rank

192 results

Search:

SCHOOL	RANK	RECYCLING RATE (%)
Ordered by Rank		
Loyola Marymount University	1	83.897
Walters State Community College	2	82.973
University of Missouri-Kansas City	3	82.144
Berkshire Community College	4	81.199
Pacific Lutheran University	5	78.941
Minneapolis College of Art and Design	6	75.542
University of California-Irvine	7	71.322

Special Categories *One Time Reporting*

- **NEW! Green Events** – tracking for one event, within one day, Diversion & Per Capita recognized.
- **Electronics** - One month tracking, community is welcome to participate, Per Capita & Total Amount recognized.
- **GameDay Basketball** – Report on one home game, Diversion & Per Capita recognized.
- **Race to Zero Waste Building** - Track recycling + trash + food, all MSW for one building. Lowest total waste generation per 1,000 sq. ft. of usable space recognized.
- **Case Study Competition** – Share best practices, **due mid-June**, judged by panel, featured on website.



Temple University

Green Events – Report by end of competition

All recycling, landfill waste, and food organics.

- One event, within one day
- Event can include trainings, coffee breaks, luncheons, sporting events (other than basketball, etc.)
- Ranking: Per capita and diversion
 - Attendance range categories
 - Earn points for activities and practices

University of Pittsburgh



Electronics – Report by end of competition

All e-waste: computers, printers, TV's, consumer electronics, media, etc.

- One month collection period
- All sources: institutional, drop off events, etc.
- Ranking: Per capita and total amount recycled
- Community welcome to participate



Southwestern College, Electronics

GameDay Basketball

- Select one home game
- Recycling, trash and food organics
- Report weights after game
- Ranking by:
 - Per Capita Recycling
 - Diversion Rate



The Ohio State University

Race to Zero Waste Building Competition

- Track all materials from single building over 4 weeks
- **New: Building must be at least 10,000 sq. ft.**
- Conduct waste audit
- Actual weights
- Report one time at the end
- Ranking will be based on calculation: Lowest total waste generation per 1,000 sq. ft. of usable space (trash + recycling, organics, reusables) for four-week period.



Worcester Polytechnic Institute

Case Study Competition

- Share best practices and strategies
- Describe goal, planning steps, timeline, implementation and results
- Winners will be recognized in four categories:
 - Waste diversion
 - Zero waste
 - Food waste reduction
 - Education and awareness
- All case studies will be featured on website, shared via email and social media
- **Case studies due in June**
- **Winners announced in August**



Towson University

Steps To Get Ready

1. Register! Set goals & level of participation
2. Assemble team
3. Determine resources
4. Plan outreach activities
5. Data tracking logistics



University of Southern California

Two Step Registration Process

1. Create / login to ReTRAC account

2. Fill out 2023 Profile Info Form

The screenshot shows a web browser window with the URL <https://recyclesearch.com/profile/recyclemania>. The page has a dark green header with the text "CAMPUS RACE TO ZERO WASTE PROFILE INFORMATION SURVEY" and "University of Wyoming - Annual | 2023". Below the header, the main content area is divided into two columns. The left column contains a welcome message and three registration options: A. Register New School, B. Existing School - Have Existing Re-TRAC Connect Account, and C. Existing School - New Contact - Do Not Have Re-TRAC Connect Account. Each option includes a "Steps to complete your registration:" section with numbered instructions. The right column contains a "Campus Profile" form with a "Primary Point of Contact" section. This section includes five input fields: First Name (filled with "Jacob"), Last Name (filled with "Marquez"), Email (filled with "jmarque4@uwyo.edu"), Phone Number (filled with "307-677-3864"), and Position (filled with "Logistics Handler 2").

Welcome to RecycleMania. To sign up, please select which of the following applies to your school. Click the applicable header.

A. Register New School
Your school has never participated in the Annual RecycleMania Tournament

Steps to complete your registration:
1. Create an Account in Re-TRAC Connect
2. Login to account you just created
3. Complete 2019 RecycleMania Profile Information form!

B. Existing School - Have Existing Re-TRAC Connect Account
If you know the email and password for your schools account

Steps to complete your registration:
1. Login to existing account
2. Complete 2019 RecycleMania Profile Information form!

C. Existing School - New Contact - Do Not Have Re-TRAC Connect Account
You don't have access or don't know your schools username or password

Steps to complete your registration:
1. Send email to joinrecyclemania@gmail.com and we'll help get you started!





Campus Profile

Primary Point of Contact

First Name *	Jacob
Last Name *	Marquez
Email *	jmarque4@uwyo.edu
Phone Number *	307-677-3864
Position *	Logistics Handler 2

Campus Profile Page

DONATE



Custom Results

Current Ranking

School Profile

Participating Schools

2016 competitors will be listed as they register.

▼ PARTICIPATING SCHOOLS

List

Map

▶ 2015 RESULTS

▶ PAST RESULTS

▶ 3R ACTIONS

Navigation

Featured Schools

View Custom School Rankings

General Information

View Schools

School Name:	Cornell University
Location:	Ithaca, NY
Athletic Conference:	Ivy League
Public or Private School:	Private
Web Site:	http://sustainablecampus.cornell.edu
Commuter vs. Residential Profile:	Predominantly On-Campus Housing

Scope of Participation Information

Division: What is this?	Competition Division
Waste Minimization Practices Pledged:	Click here to see what Waste Minimization methods this school has pledged to pursue:
Reported Food Waste Data Based On:	Actual Weights
Reported Trash Data Based On:	Actual Weights
Reported Mixed Recyclables Data Based On:	Actual Weights
Measurement Comments:	Click here for details:

Web & Engagement Resources

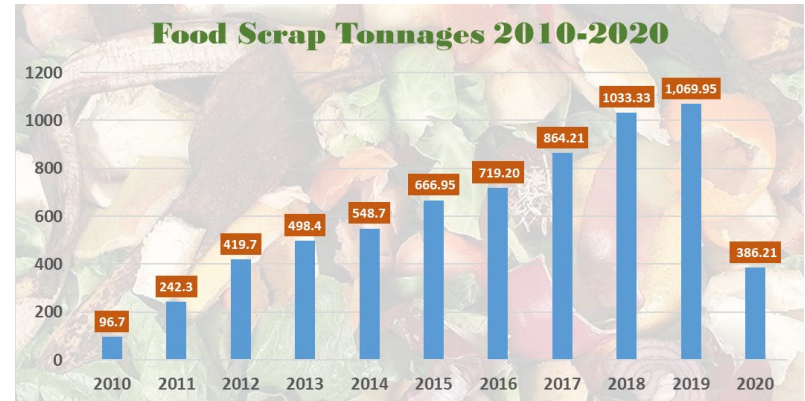
- Planning checklist
- Rules
- Download logo, files
- Activity Ideas
- Case studies (Learn from your peers)
- **Oct 18 Webinar: Tips and Best Practices to Engage Your Campus in the Competition**
- **Nov 7 Webinar: Tracking and Reporting for the Competition**
- **Mentor MatchUp Program**
- **New Forum!**
- Guides, “*Stemming the Tide*” and “*Activity Guide for Students*”



www.campusracetozerozero.org

Data Tracking Logistics

- Who has data?
- All sources for campus
- What form does it come in?
 - Actual Weight
 - Volume to weight
- How frequently can they provide it?
- Take advantage of Pre-season weeks
- **11/7 Webinar on Competition Tracking and Reporting**



University of California Irvine

2023-2024 Key Dates

Sept	Registration Open
Oct 18	Webinar: Tips and Best Practices to Engage Campus Community
Nov 7	Webinar: Competition Rules & Tracking Reqs
Jan 14-Jan 27	Pre-season weeks (two weeks)
Jan 28	Competition begins
Jan 31	Deadline to register
Mar 19	Webinar: 2024 Case Study Opportunity
Mar 23	Last day of competition
April 16	Unofficial results posted
April 26	Final results announced

More Opportunities: EcoLeader CR2ZW Student Badge

Help students gain valuable leadership skills through the
Campus Race to Zero Waste competition.

To earn the badge, students complete the following steps:

1. Learn about the competition
2. Take one or more actions to support the competition
3. Communicate about the competition to their peers and others on campus
4. Take one or more actions to help sustain the competition on campus



www.nwfecoleaders.org

2023/2024 CR2ZW Webinars – Certification & Professional Development

- November 2023: Composting garden and landscaping organics (Fall)
- November 2023: How does recycling fit into the circular economy?
- February 2024: Composting garden and landscaping organics (Spring)
- Feb 20: Info Session: Learn about Plastics Reduction Partner Certification Program
- Mar 5: Info Session: Clean Earth Challenge – Host a Camp CleanUp for Earth Day/Month
- Mar 2024: Working towards zero waste

GameDay Football 2023: Zero Waste Touchdown Challenge

Rules and Categories:

- Choose one home football game to track and report your recycling, food organics, and trash data in pounds.
- Four categories will be available to participate in (campuses can participate in one or more of these categories):
 - **Recycling Per Capita** (track and report on cans/bottles, paper and cardboard)
 - **Waste Minimization Per Capita** (track and report on trash, recycling and food organics)
 - **Food Organics Per Capita** (track and report on organics donated, reused or composted)
 - Outdoor Cleanups (track and report amount of trash removed from the environment)
- Sign up by November 13, 2023
- Reporting due by December 8, 2023

www.CampusRacetoZeroWaste.org



Clean Earth Challenge

Help National Wildlife Federation collect one million pieces of trash!

- Host a cleanup this fall or spring on campus
- Use free Litterati app to track and report your cleanup
- Online resources include cleanup check-list, tips to host a safe cleanup, promo materials for your cleanup, and more

www.cleanearthchallenge.com



Organizers:

CR2ZW

Board of Directors



Partners:



Questions?



CR2ZW@nwf.org

www.CampusRacetoZeroWaste.org