



ANNUAL SUSTAINABILITY REPORT

ACADEMIC YEAR 2017-2018



TAKE IT OR LEAVE IT

32,033 pounds of material was donated by students moving out and given to over 30 local non-profit agencies



GREEN WARRIOR

2,490 (or 1 out of every 3 students) on-campus committed to sustainable behavior choices



HIVES AT DURRELL

Three student-run hives were introduced on-campus as part of CSU's Bee Campus USA certification



HDS FACILITIES

Three heavy-duty tricycles were piloted as maintenance vehicles to replace gas-powered carts



GROWN ON CAMPUS

2,517 pounds of lettuce was grown for the dining centers through the Horticulture Center living lab



THE SPOKE

2,522 educational services were provided by student mechanics, which is an increase of 20% from last fiscal year



RECYCLING GAME

1,000 bamboo toothbrushes were distributed to students who participated in the online education game



TOWER GARDENS

The Tower Garden in Aggie Village apartments provided produce for the Freege, a free food fridge maintained by the Eco Leaders and accessible to all residents



SKI-S-U

During the first launch year of the student-proposed shuttle, 187 students participated in the 5 different trips to ski resorts

Colorado State University Housing & Dining Services

2017-2018 Sustainability Report

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Sustainability Report Overview

The theme this year for sustainability was student empowerment. Within Housing & Dining Services we now have four successful living labs operated by students and we saw several student ideas and proposals come to life.

Our oldest living lab, our beloved OSCAR in-vessel composting system, turned seven this year. Maggie Gillman, our longest-serving and deeply devoted Compost Intern, formed the student-led Zero Waste Team this year which launched composting in the new stadium, expanded composting to several campus events, and hosted CSU's first-ever Zero Waste Symposium. We are incredibly proud of OSCAR and Maggie and grateful for all of the strides we have made in composting since 2011. We started on a small-scale and faced lots of challenges; this year we are expanding public composting to all of the residence halls thanks to the hard work of our faculty advisor, Addy Elliott, our partnership with Sheela Backen and her crew in Facilities Management, and the tireless efforts of HDS staff and students who have continued to sort, educate, and work through the challenges.

Our newest living lab, the three bee hives established at Durrell in April, were part of the Bee Campus USA certification that CSU pursued and successfully achieved this year. CSU is the first university in the Rocky Mountain region to achieve certification and the hives at Durrell are part of an emerging pollinator discipline within veterinary medicine. The hives are operated by passionate students in the CSU Apiculture Club and produced a gallon of honey their first summer, which was served to students at the Fall Harvest event at Durrell in September. To see this go from a student idea to reality in a matter of months was inspirational.

Our busiest living lab, The Spoke, completed more than 2,500 educational bike repairs this year and we were thrilled that the Alternative Transportation Fee Advisory Board funded a mobile shop and extended hours for The Spoke. We look forward to seeing the numbers this year with the additional hours and mobile operation! More than 90 percent of bike mechanics are men, so we were thrilled that The Spoke hired its first woman mechanic this summer. As Bailey Richards increases her own skills and teaches other students how to repair their bikes, we hope more women get involved.

Our tastiest living lab, greens grown at the Horticulture Center, expanded this year with a Horticulture Intern coming on board and more than 2,500 pounds of greens grown for dining center salad bars. We also added microgreen cabinets at Braiden and The Foundry that the intern will manage as part of the living lab.

Another student idea that launched this year was the SkiSU bus. Two Eco Leaders proposed the ski bus as their independent project in spring 2017 and submitted the proposal to the HDS Sustainability Fund. The proposal was approved with a funding match by Parking and Transportation Services. By fall 2017, the program was marketed to students. More than 250 students participated the first winter and the program was so successful it will be expanded this year.

Our student-focused mission has never been more evident than it was this year.

Thank you for joining us in these efforts and we hope you take pride in the progress demonstrated in this report.

Tonie Miyamoto

Director of Sustainability and Communications

Housing & Dining Services

Housing & Dining Services Profile

Mission Statement

To create dynamic housing and dining experiences that enhance personal growth and global engagement.

Commitment to Sustainability

We commit to being responsible stewards, actively engaging our students, guests, and staff in sustainable practices and programs that preserve the environment, are socially just, and are fiscally sound.

At a Glance

Housing & Dining Services (HDS) is responsible for the management, finance, administration and program development of all University housing facilities. As the largest department on campus, there are many areas within HDS:

Conference & Event Services

- Conference & Event Services coordinate over 100 conferences per year for internal and external organizations, ranging from fewer than 20 participants to more than 7,000.

Dining Services

- Dining Services offers a wide range of innovative venues and services to CSU students, faculty and staff. There are currently five dining centers and two express facilities in operation, serving more than 12,000 meals per day.

HDS Facilities

- HDS facilities furnishes, cleans, fixes and maintains everything in HDS. The department encompasses more than 2,928,789 square feet of space.

CSU Mountain Campus

- CSU's Mountain Campus is located in a valley just north of Rocky Mountain National Park. The mountain campus provides a unique and outstanding natural resource base for instruction, conferences, workshops and research.

University Housing

- Housing manages 15 residence halls and 4 apartment complexes that support student success through creating a community environment that is both socially and academically enriching. Each year, there are hundreds of programs put on by housing to further engage residents in things like academics, social diversity issues, or professional development.

RamCard Office

- The RamCard office provides all students, faculty, and staff with an identification card, which can be used for a number of services on campus. Students, faculty, and staff are encouraged to donate their RamCards to be recycled when they are no longer needed.

Campus-Wide Sustainability Initiatives

Summary

Every year HDS collaborates with both on-campus and community partners. It is a firm belief that we cannot create a sustainable campus culture alone but must do it in coordination with others. Not only does this create a larger community involved with sustainability, but it allows us to learn about other areas and expand our outreach.

Pollinator Friendly Campus

- The CSU campus formed a new Pollinator Friendly Campus Committee with representatives from Facilities Management, HDS, Environmental Health Services, the City of Fort Collins, academics, research, and students. As part of the Bee Campus USA certification HDS supported bringing three student-run hives to the Durrell Center. A bee cam and visibility from inside the dining center helped them become a focal point for visitors. The hives were funded through the HDS sustainability fund and are managed as a living lab by students in the CSU Apiculture Club

Alternative Transportation

- The Spoke, a living lab operated by student mechanics in partnership with Surplus Property, had its third full year of operation out of the university's first LEED Platinum building, the Pavilion. The Spoke is a bicycle education room built to engage students living on campus around bicycle safety and mechanics. A total of 2,522 educational

services were provided and there were a total of 2,236 customers served in FY18. This is an increase of 20 percent from the last fiscal year. The Spoke has provided a total of 5,565 educational services since it opened in 2016.

Campus Grown Greens

- As part of a living lab with the Horticultural Center, 2,518 pounds of greens were grown for the Dining Centers. A new position, Horticultural Intern, was created and filled as a part of the growth of this partnership. The student position not only managed the hydroponic lettuce trays but the brand-new microgreen cabinets at Braiden and the Foundry. A memorandum of understanding formalized this partnership and laid out responsibilities for success.

President's Sustainability Commission

- Tonie Miyamoto, Director of HDS Sustainability, serves as the co-chair of the commission. Tim Broderick, Assistant Director of Sustainability, serves as the representative from the Division of Student Affairs. Through the PSC, HDS collaborates on several campus initiatives which include STARS, Climate Action Plan, Sustainability Strategic Plan, and Earth Week.

Waste Management

Overview

Fort Collins and CSU have a zero-waste goal and HDS has been committed to these efforts for decades. This upcoming fiscal year we have the goal of establishing composting in the halls, increasing recycling, and enhancing waste management data reporting with CSU Facilities.

Recycling Initiatives

- Drape recycling is an ongoing program for HDS. This past year, 680 pounds of drapes were diverted from the landfill. The drapes come from our residence halls and apartments throughout HDS.
- Through the use of Cardboard Corral collection stations, HDS diverted 30.83 tons of cardboard from the waste stream during Fall 2017 Move In. These collection stations are staffed by Eco Leaders, HDS Facilities staff, and volunteers. Compared to last year, cardboard and single stream recycling slightly increased. For the second year, plastic thin film recycling was provided during Move In. Three hundred and sixty-eight pounds of plastic was collected for Fall 2017. This is a significant increase and weight given how light the material is. Styrofoam collection was not provided this year as the regional vendors did not have capacity.
- To further engage and educate students in waste management, HDS designed a Recycling Game that can be accessed online with a computer or a mobile device. This past year was the third

year of the Recycling Game. This game tests a participant's knowledge of campus sorting with a drag-and-drop style game that requires them to decide if a given item should go in a landfill bin, recycling bin, compost bin, or Techno Trash bin. During the eight weeks of RecycleMania, 1,427 students in the residence halls played the recycling game which is a 77.5% increase from the year prior. This is the second year that the game was introduced to Aggie Village apartments, with a total of 230 participants over the course of RecycleMania. Participation was incentivized with 1,000 bamboo toothbrushes and 500 bike badges. This is an increase of 43% in student engagement as compared to last year at Aggie Village. The game is still accessible at recyclinggame.colostate.edu for all who would like to play.

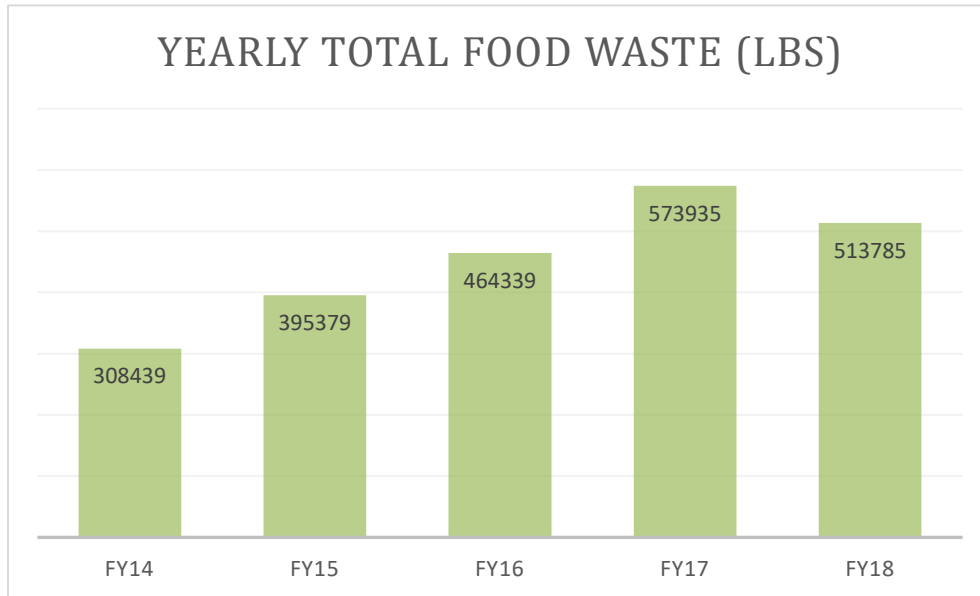
E-waste Initiatives

- Every residence hall and apartment operated by HDS has Techno Trash bins located in their lobbies. The Techno Trash bins provide residents with a proper way to recycle batteries, CFL light bulbs, and ink cartridges. These materials can be hazardous and leach through landfill liners where they may eventually enter our water table. Techno Trash bins are now a requirement in any LEED certification.
- For the fifth time during Earth Week at CSU, Surplus Property hosted an E-waste collection event in collaboration with the compost giveaway day. This event invited CSU faculty, staff, and students to bring any old, broken, or unwanted electronics (within a certain size limit) to be properly disposed of or recycled. A total of 1,152 pounds was collected. Items recycled included computer monitors, TVs (flat screens), computers and printers. A bring-your-own-bucket compost give-away is hosted with the e-waste collection and 59 individuals received compost for their home garden this year
- HDS diverted 149 electronic items from the landfill including computer monitors, computers, phones, servers, printers, cellphones, and laptops through on-campus e-waste recycling.

Food Waste Diversion

- HDS continues to offer public access composting in each Dining Center. A major challenge this year was keeping the shadow box displays in good condition. The organization of the shadow boxes is now managed by the sustainability intern.
- During the 2018 fiscal year the CSU Earthflow Composter (OSCAR) diverted 205,368 pounds of food waste from the landfill. This number is purely the food waste materials, not including bulking materials. This is a 32% decrease from last year's material due to the auger needing to be replaced in December. It took two and a half months to replace the auger during which 53,502 pounds of food waste OSCAR would have diverted was instead composted through the windrow system.
- The CSU Mountain Campus continued its diversion of pre-consumer food waste in the back-of-the-house kitchen area. Our specially-designed carrier on the trailer allows the bins to be brought down to the Foothills Campus for processing. This program is in its fourth year of operation.

- HDS partnered with CSU Facilities Management to compost all pulped food waste from the Dining Centers in their windrow composting facility. The existing HDS in-vessel composting system (OSCAR) celebrated its seventh year of operation processing pre-consumer goods and now runs side by side the windrow facility. The windrow operation diverted 308,417 pounds of pulped food waste from the landfill this past year.

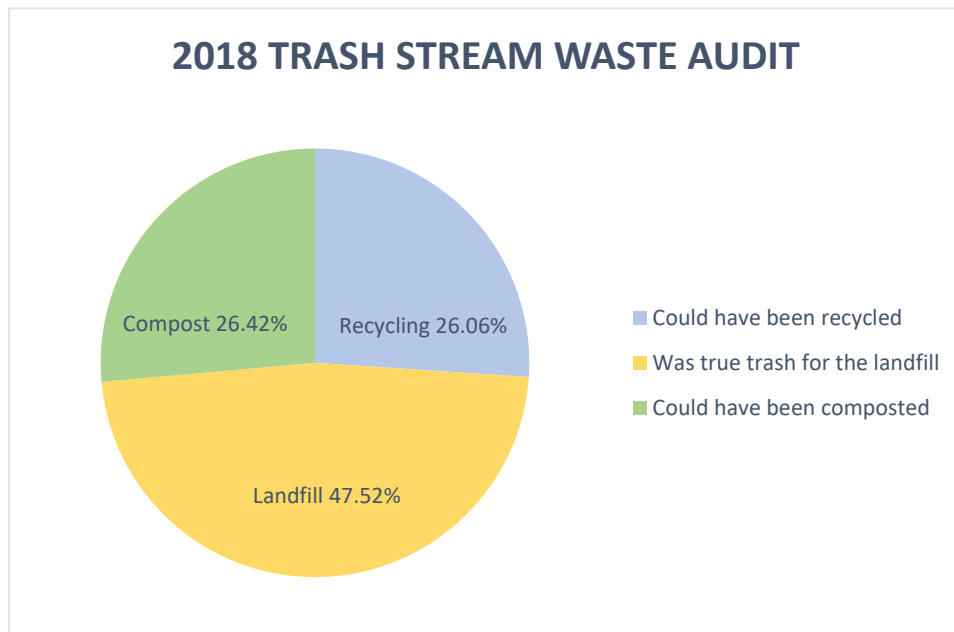
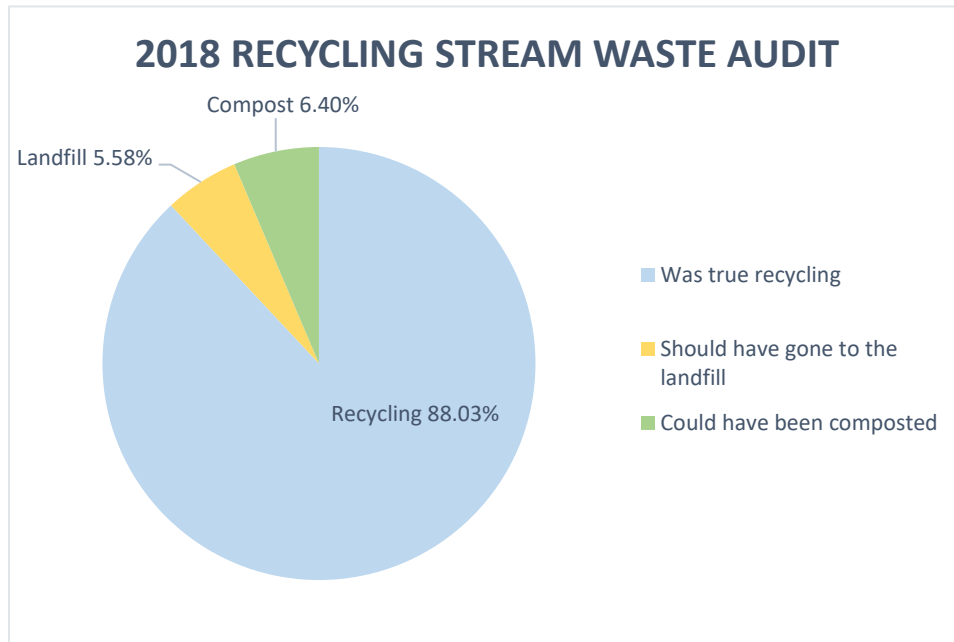


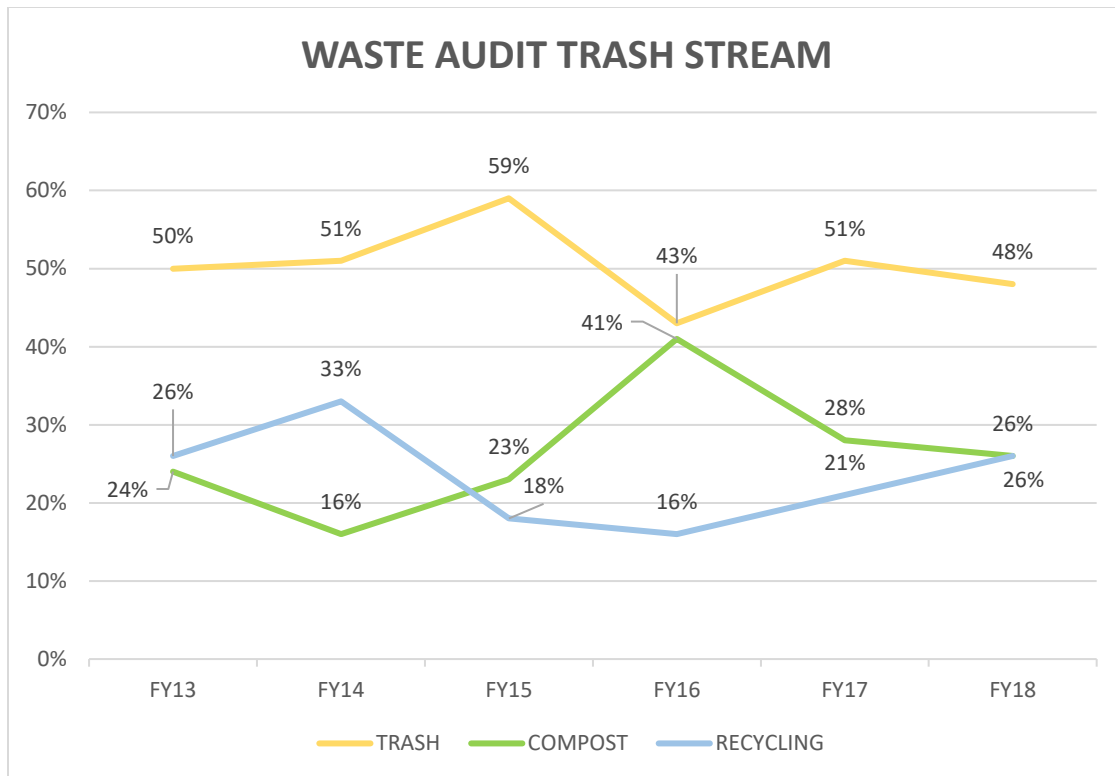
Engagement

The Waste Audit

- The event took place at the CSU Plaza on March 8 and there were around 65 volunteers, 30 of which were from two of CSU professor Anne Marie Merline’s classes. The waste on display in the middle of the plaza serves as an engaging physical demonstration to passing students. One of the hopes is that 2,000 pounds of waste on display is that observers and volunteers will be more mindful when sorting their own waste. For the first time Aggie Village and Piñon were audited as individual buildings.
- This year, the Aggie Village Eco Leaders created an interactive educational booth for students that was set up in front of the waste sorting area. They created a trivia game where students spin a wheel and answer questions about the following topics: composting, recycling, and past Waste Audit data. They successfully engaged with over 130 students. Students could choose prizes such as HDS reusable water bottles, Facilities coffee mugs, bamboo toothbrushes, and CSU bike badges for participating.
- 3,422 pounds of waste was sorted, this is almost 1,500 pounds more material than last year. The recycling, trash, and compost streams were divided between Piñon Hall, Aggie Village apartments, and the rest of the residence halls.

- For the halls, the recycling stream consisted of 88.03% recycling, 5.58% of landfill, and 6.4% of compostable materials (totaling a 12% contamination rate). The results of the landfill stream in the halls demonstrated that 26.06% was recycling, 47.52% landfill, and 26.42% compostable materials (meaning that 52% of what was thrown away could have been recycled or composted). This is a slight improvement from last year...
- Aggie Village’s landfill stream contained 56% true trash. The recycling stream contained 100% true recycling.
- Piñon Hall’s landfill stream contained 42% true trash. The recycling stream contained 93% true recycling.





RecycleMania

- RecycleMania is an intercollegiate competition that emphasizes recycling and waste minimization. HDS hosts an internal hall and apartment recycling competition. Residence halls and university apartments compete against each other in cumulative pounds recycled on a per resident basis. In the spring 2018 residence hall competition, Ingersoll took first place with a cumulative recycling rate per student of 50.21 pounds. In second place was Braiden with 39.67 pounds of recycling per student. In third place was Alpine and Piñon with 25.87 pounds per student. For the apartment's competition, University Village-1700 took first place for the first time with 81.14 cumulative recycling pounds per student. International House took second place with 61.95 pounds of recycling per student after 8 years in a row of taking first place. In third place was Aggie Family Apartments with 56.45 pounds per student.
- Overall, in the intercollegiate RecycleMania competition CSU placed 23 in the Grand Champion category with a 57.11% recycling rate. This is a slight decrease from last year by 5.09%.

Take it or Leave it

- For the past five years, CSU Housing & Dining Services and CSU Surplus have teamed up to collect unwanted items from students moving out of the residence halls. Through the “Leave It Behind” program and the subsequent “Community Tent Sale,” items were collected, sorted, tagged, and sold through Surplus. This past year, the program outgrew available space and resources in Surplus and evolved into “Take It or Leave It,” which encouraged students to bring unwanted items to large trucks conveniently parked outside the residence halls.
- Volunteers were on hand during finals week to collect and sort items in the trucks, which included microwave ovens, mini fridges, clothing, bedding, shelving, lamps, bikes, etc. Collected items were donated and distributed to more than 30 local nonprofit agencies in partnership with Homeward Alliance
 - 1,149.5 hours were volunteered for the material collection days and for sorting. These hours were volunteered by faculty, staff, students, and members of the community.
 - Around 32,033 pounds of material was donated to the program.
 - 1,000 pounds of microfridges was collected by Surplus Property.



CSU Welcome Picnics

- At the beginning of each fall semester the university holds two picnics: the New Student and Family Picnic during Ram Welcome and the President's Picnic. Both picnics help new and current students familiarize themselves with the new school year, as well as the campus.
 - The New Student and Family Picnic is held during Move In and is sponsored by the Alumni Association. More than 8,000 students and their family members were served dinner at the picnic. With two sorting stations and over 30 dining staff members, the event diverted 178 pounds of recycling and 2,047 pounds of food waste. This resulted in a 99% diversion rate for the event. The total waste diversion rate has continued to increase from our baseline year in 2013, which was at a 91% diversion rate.
 - For the 12th year in a row, the President's Picnic was a near zero-waste event with a 93% diversion rate. This is an increase of 7% from last year and our highest diversion rate to date. As compared to our baseline year in 2013, the waste diversion has continued to increase from 83%. The event generated 325 pounds of recycling and compost, and 25 pounds of trash. Dining Services provided all compostable or recyclable meals for the event and the Eco Leaders assisted with the sorting stations. For the second time, lettuce grown at the CSU Horticulture Center was served at the picnic.

RamCard Recycling Program

- Each student at CSU is required to have a RamCard, which serves as the student ID card and allows access to the dining centers, the Recreation Center, and the Transfort bus system as part of their student fee package. In partnership with the RamCard Office and a third party, old or broken cards are recycled into plastic benches. Each container weighs about 28 pounds. During the 2017-2018 year about 168 pounds of cards were recycled.

Dining

Sustainable Initiatives

Sustainable Food – Local & Organic Options

- The living lab in partnership with the CSU Horticultural Center is now in its second year. The center began growing greens in fall 2016 to be served in the dining center salad bars at Durrell and Corbett. The total amount of lettuce produced for the dining center in

fiscal year 2018 was 2,517.54 pounds. Overall the Horticulture Center has produced 5,528 pounds of lettuce since the living lab was established.

- All dining centers continue to serve organic and/or local hand fruit instead of conventionally-grown fruit during the year. This initiative was student-driven and marks the first time HDS dining centers are consistently bringing organic foods to campus.

Food Preparation

- Cooking oil from all the dining centers is collected after use and recycled to make biodiesel. Dining Services partners with a local company and this year we recycled 23,469 pounds of used cooking oil. Since fiscal year 2013, Dining Services has recycled a cumulative amount of 156,554 pounds of cooking oil.

Compostable and Reusable “to-go” containers

- Dining Services eliminated Styrofoam from all dining centers in 2007 and switched to using compostable to-go containers. Students also have the choice to select reusable to-go containers that can be used and returned for washing to further eliminate waste. To reduce disposable cup waste, all students living in the residence halls are given a reusable water bottle at the beginning of the year which can be used in the dining centers and at water bottle filling stations across HDS and campus.

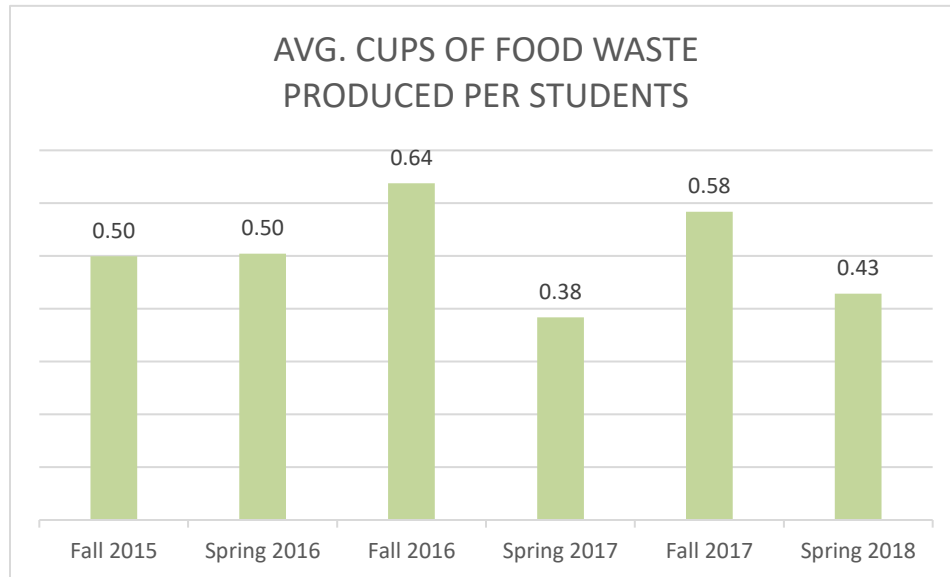
Larimer County Food Bank Donations

- Thousands of pounds of food are donated each year to the Food Bank for Larimer County. This year, 25,799 pounds of food were donated to the food bank. Since fiscal year 2013, 358,289 pounds of food have been donated to the Larimer County Food Bank.

Engagement

Plate Waste Audit

- For the fourth year in a row, a plate waste audit was conducted in the fall and spring to determine if food waste increased or decreased as the year progressed. The Fall Plate Waste Audit reported 0.58 cups of food waste per student per meal and the Spring Plate Waste Audit showed a decrease to 0.43 cups. Ongoing efforts, including the promotion of samples and education about food waste, drive the decrease seen throughout the dining centers.



Environmental Eats

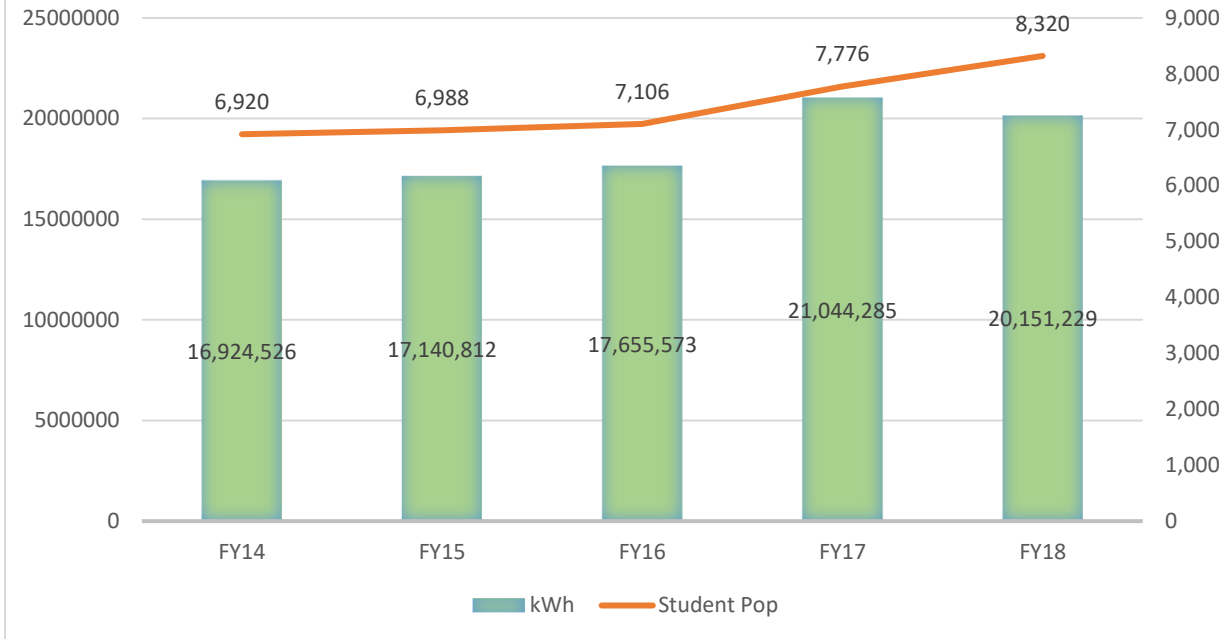
- This is the first year the 'Meatless Monday' program transitioned into a new program called 'Environmental Eats'. This event took place in the Corbett/Parmelee Dining Center five times throughout the year. The goal was not to convince students to go completely meatless, rather the aim was to promote more sustainable food choices. Unlike the 'Meatless Monday' program, 'Environmental Eats' worked more diligently towards spreading knowledge and information about different foods and their impacts, hopefully creating more enthusiasm across campus. Unfortunately, there were not any statistical significant uptakes or downward trends in student attendance on normal dining nights versus the Environmental Eats nights. The successes and feedback/inputs will be taken into consideration to create a more successful program for FY19.

Energy & Emissions

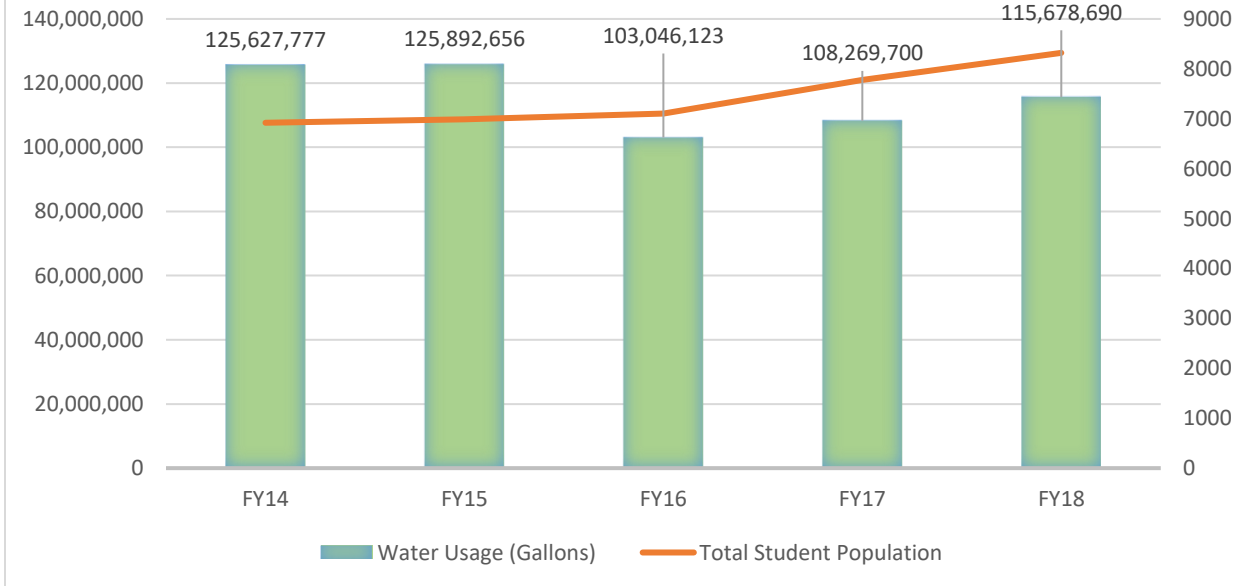
Energy

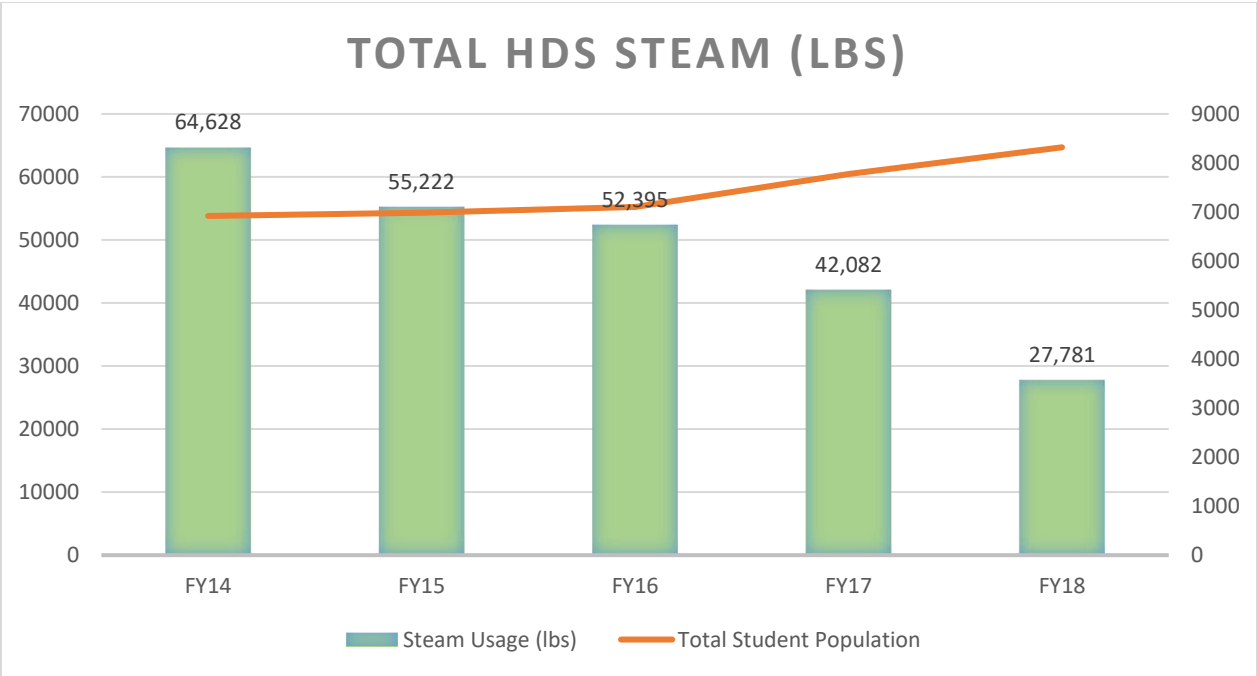
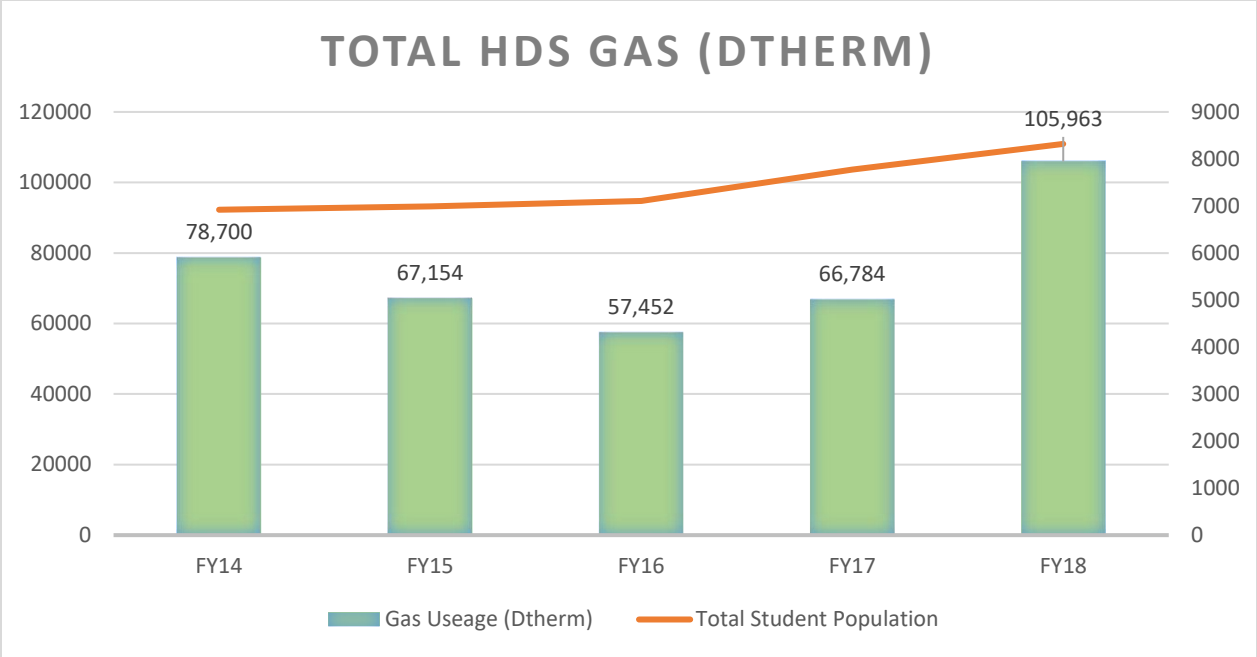
Balancing growth both in terms of student population and square footage while we work to reduce energy consumption is one of our biggest challenges. In FY18 HDS used 20,151,229 kWh of electricity. This was a decrease of 5% from FY17.

TOTAL HDS ELECTRIC (KWH)



TOTAL HDS WATER (GALLONS)





Green Power

- In FY18 HDS purchased 4,500 MWh of green power for all public areas of the department, including dining centers, administrative offices, lobbies, and lounges. Green power is purchased with money saved from energy-efficiency programs, including lighting retrofits and efficient heating and cooling systems.

On-Site Renewable Energy

- HDS on-site solar includes 300kw installed on the roofs of Braiden, Parmelee, and Edwards halls, which generated 445,826 kWh of energy in FY18. Although we do not receive the renewable energy credits for the solar panels in our greenhouse gas inventory, it does feed into the grid we draw power from. This allows us to support the renewable energy industry and increase the percentage of the City's renewable energy without incurring the significant financial burden of purchasing the systems with cash up front. The solar installations also represent a physical display of sustainability that helps influence our students' sustainable behavior choices on campus. The solar projects are a collaboration between Housing & Dining Services, Facilities Management, CSU Research Foundation, City of Fort Collins Utilities, Atmospheric Conservancy Group (ACG), and Namaste Solar.
- In addition to the arrays on Braiden, Parmelee, and Edwards halls, Aspen Hall, which is a LEED (Leadership in Energy and Environmental Design) Gold certified residence hall, features a thermal plant with a 12.6 kW solar array, 95 percent energy efficient boilers for heating water, and an innovative thermal energy storage system. The system makes ice at night when electric rates are lowest and then reverses the process during the day to melt the ice and cool the building.

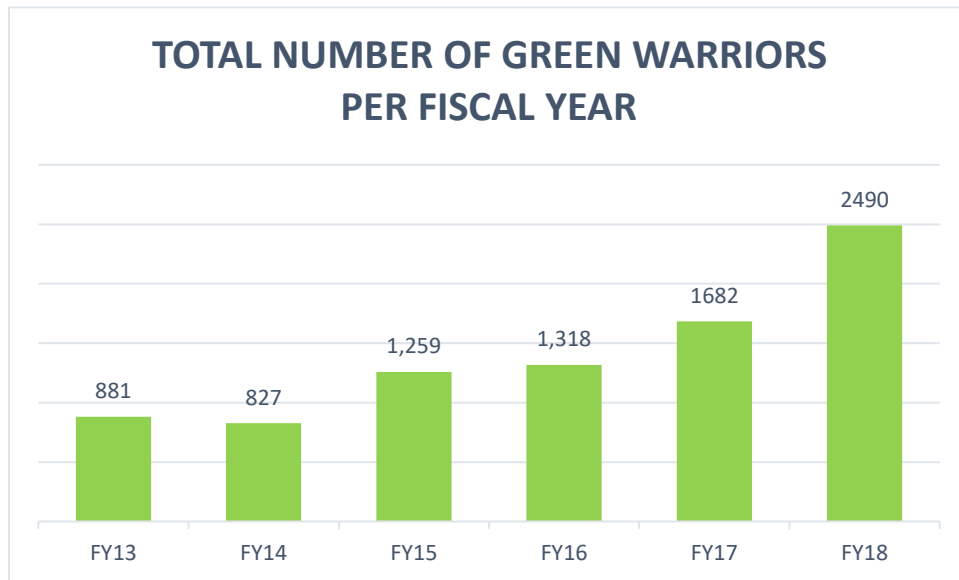
Engagement

Green Warrior Campaign

- In fall 2017, 2,341 students or 33.79% of the student population participated in the campaign that brings public awareness to sustainable behavior choices for students living on campus. This is 808 more students than last year and an all-time high. By committing to becoming a Green Warrior, students choose to take actions such as turning off lights or using alternative modes of transportation. Students can win prizes that help reduce their environmental impact, such as LED light bulbs and solar phone chargers.
- Green Warrior numbers indicated that 94% of the participants lived on campus, while 6% lived off campus.
- The top three residence halls per capita were AV Honors (57.1% participation), LV Piñon (48.2% participation), and Summit (43.1% participation). The total participation rate in the halls was 34.1%.
- This was the second year the Green Warrior program was in the Aggie Village apartments and 280 students participated (31.43% of all Aggie Village residents). The highest engagement was in the Lodgepole building with 28.1% engagement.
- The Green Warrior campaign also helps Colorado State University move toward its target Greenhouse Gas (GHG) emissions goal of a 50% reduction by 2020. Without

sustainable lifestyle choices by students, staff, and faculty, these GHG target goals for the university are practically unachievable.

- For the third time, there was a follow-up survey asking students various questions regarding changes in behavior, as well as acquiring new sustainable living habits.



Water Management

Residence Hall Water Use

- Water reduction and efficiency is a high priority to HDS. Initiatives within the residence halls include the use of low-flow showers and toilets, as well as considering water usage when repairing/replacing equipment, renovating, building new facilities, or xeriscaping.
- Reusable water bottles are given to incoming students as a part of their welcome package to help reduce the use of disposable plastic bottles and cups on campus. There are currently 31 water bottle filling stations within HDS. These water bottle filling stations have helped avoid the use of more than 626,933 plastic water bottles since their installment. This is an increase of 229,933 from last year.

Sustainable Operations

LEED Certified Buildings

Aspen - Academic Village: LEED New Construction

- LEED Gold

Durrell: LEED Commercial Interior

- LEED Gold

Summit Hall: LEED Existing Building and Operations Maintenance (EBOM) Program

- LEED Gold

Laurel Village Pavilion: LEED New Construction

- LEED Platinum

Laurel Village: Alpine and Pinon

- LEED Gold

Aggie Village Apartments

- LEED Gold

Pending LEED Certified Buildings

- The renovation of the Corbett lobby and Corbett and Parmelee dining centers, soon to be The Foundry, is targeting LEED Gold. This will be HDS' first LEED version 4.0 certified building and second LEED for commercial interiors certification.

Sustainable Purchasing Policy

- HDS's Sustainable Purchasing Policy acts in accordance with CSU's Purchasing Policy, which strives to purchase the most sustainable products available, allowing for a five percent cost preference for the purchase of environmentally-preferable products. The department considers a product's entire life cycle when making purchases. This includes the product's manufacturing, transportation, use, and end of life. HDS will continue to increase its purchasing of local, organic, energy efficient, non-toxic, compostable, and recyclable materials. The HDS Facilities purchasing team has been instrumental in developing and using this policy.

Sustainability Fund

- Highlighted projects funded include:
 - Tower Gardens in Aggie Village Apartments: \$2,500.00
 - Bee Hives at Durrell: \$4,000.00
 - Reactive Maintenance Tricycles: \$4,500
 - Public access composting in Piñon and Aggie Village: \$5,314.00
 - Rams Ride Right: \$2,000
 - Upcycled Banner and Bike Tube Bags: \$5,000
 - Laundering Microfibers: \$3,000
 - Do you have a total number of projects funded to date?

Live Green Team

- The Live Green Team is a group open to faculty, staff, and students at CSU that is dedicated to sustainable initiatives in HDS. This year, the Live Green Team's programs included: RecycleMania, Composting, Take it or Leave it, and Earth Week. The Live Green Team and HDS successfully became a part of the Sustainable Purchasing Council with funding from the HDS Sustainability Fund.

Alternative Transportation

Every year HDS looks to increase the percentage of students and staff using all forms of alternative transportation.

Bicycling

- HDS has roughly 6,948 bike spaces on 579 bike racks throughout the department and we have committed to providing bike parking for 80% of the students who live with us to meet popular demand. This allows for convenient storage and access for bicycles at the residence halls, university apartments, and dining centers.
- 57% of on-campus students bought some type of parking permit in FY18, this is a decrease of 2% from last year. However, only 25% of those students purchased annual parking permits, the other 32% purchased semester, monthly, or daily permits indicating a commitment to alternative transportation at least some of the time. The annual permits decreased 9% since last year. The percentage of on-campus residents who choose to buy an annual parking permit continues to decline as parking becomes more limited and sustainable transportation options expand.

Electric Vehicles

- Housing & Dining Services currently has one Global Electric Motorcar (GEM Car) that is driven by Conference and Event Services. The GEM Car is 100% powered by electricity and produces zero emissions. The total distance driven is 4,746.6 miles since its purchase in FY13.
- HDS's electric charging station is in its fourth year at Laurel Village. This charging station charged 3,027.849 kWh of electricity to electric vehicles throughout the fiscal year which is 105.94 kWh less and a decrease of 3.38% from last fiscal year. Cumulatively, the station has charged 9,322.438 kWh of electricity since its conception in FY16.
- Over the past fiscal year, the two Nissan LEAF fleet vehicles racked up a total of roughly 6,692 miles. That's the distance of driving from CSU main campus to southern Mexico, and then back.

Collaboration

- Timothy Broderick, Assistant Director of Sustainability, continues to sit on the Campus Bicycle Advisory Committee. CSU is one of only five platinum level Bicycle Friendly Campuses in the world.
- SkiSU, a shuttle service to ski resorts proposed by two Eco Leaders, launched this ski season. A total of 187 students rode the bus to Keystone, Copper Mountain, Steamboat, Breckenridge, and Arapahoe Basin ski resorts through this service. This was a partnership between Housing & Dining and Parking & Transportation services. The first-year funding came from the HDS sustainability fund.

Education & Outreach

Eco Leaders Peer Education Program

- Each of the fifteen Eco Leaders in the halls and the four Eco Leaders in Aggie Village are trained to model and promote community-building, eco-literacy, social justice, and sustainable behaviors in the residence halls, Aggie Village, and other HDS facilities. They educate their peers using community-based social marketing techniques. The hall program began in 2011 and was expanded to Aggie Village in 2016.
- The Eco Leaders fall credit course is endorsed by the School of Global Environmental Sustainability. GES 180 is a one credit course titled “Introduction to Sustainability Engagement.” This course provides the basic tools needed to engage peers in sustainability initiatives.
- In the spring the Eco Leaders take GES 380, a variable credit course titled “Sustainability in Practice” that pairs a one credit class with a one or two credit independent project. These projects range from studying public access compost bins to how to engage international students around sustainability.
- The program focuses on recruiting a diverse group of students to create an inclusive approach to sustainability engagement and leadership.

Earth Week

- HDS celebrates Earth Week every year with the goal of increasing sustainable awareness and providing an avenue for sustainable organizations and programs to promote themselves. Earth Week 2018 featured more than 35 campus-wide events sponsored by numerous colleges, departments, and student organizations.
- As part of the Earth Week celebrations, the Eco Leaders presented their independent projects at an open house in the Pavilion.
- During Earth Day 2018, around 35 booths that represented sustainable student organizations, departments, non-profits, and private enterprises throughout Northern Colorado engaged the

campus community. The festival highlighted sustainability initiatives within the university as well as the greater community.

Sustainability Learning Communities

- For students who are passionate about living green at CSU and looking toward a “green collar” career, the Natural Resources and Sustainability Community (located in Summit Hall) offers students a supportive community based on sustainable living. The Natural Resources and Sustainability Community is co-sponsored by the Warner College of Natural Resources and University Housing.
- The College of Natural Sciences Learning Community provides students who are interested in sustainability the opportunity to live together on one floor in Piñon Hall, a LEED-certified building that provides a perfect platform for exploring sustainability on the CSU campus. Students collaborate with University Housing, and the College of Natural Sciences to push the boundaries of sustainability in a residence hall and explore the ideas of global sustainability. Some of the student-driven projects include designing and managing the CNSLC community garden beds and piloting in-hall composting to inform larger university decisions.

Surveys & Assessments

STARS Student Sustainability Cultural Survey

- 88.53% of students agree that sustainability is important to CSU.
- 92.65% of students agree that sustainability is important to them.
- The top three most important sustainability initiatives students believe CSU should pursue is solar and wind (renewable) energy, energy efficiency, and reducing greenhouse gas emissions.
- 49.21% of students are aware of sustainability initiatives on campus such as Green Warrior campaign, LEED buildings, and renewable energy projects.
- 93.97% of students are aware of alternative transportation options to/from campus including Transfort, MAX, biking, etc.
- 72.06% of students believe that CSU places equal value on the social equity aspect of sustainability.

STARS Faculty/Staff Sustainability Cultural Survey

- 92.62% of Faculty & Staff agree that sustainability is important to CSU.
- 79.08% of Faculty & Staff agree that sustainability is important to the students who attend CSU.
- 92% of Faculty & Staff agree that sustainability on campus is important to them.
- 96.23% of Faculty & Staff are aware of available alternative transportation options to/from campus including Transfort, MAX, biking, etc.

Recycling Game Survey Results

- 98.4% of students agree that they can properly sort recycling, trash, and compost.
- 91.8% of students said that they will continue to properly sort recycling, trash, and compost using the knowledge learned from the recycling game. This is an increase from last year.
- 16.4% of students would not be interested in participating in the game if there were no prize incentives. This is an increase of 6.4% from last year.
- 0% of students strongly disagreed with the statement that proper sorting of recyclables, trash, and compost is an important skill for everyone to have. This is a decrease from last year.
- Only 8.2% of students disagreed that HDS provides adequate recycling and landfill stations for residents.
- 78.7% of students believe that the recycling game is more effective in raising awareness about waste management rather than RecycleMania. This is a decrease of 7% from last year, meaning more respondents agree that RecycleMania is more effective in raising awareness.

Green Warrior Survey Results

- 80% of Green Warriors agreed that the program gave them a better understanding of the definition of sustainability from an environmental, social justice and economic lens.
- Over 96.19% Green Warriors will continue the behaviors that they pledged to in the long-term. This is a 1.2% increase from last year.
- Without the incentive of prizes, roughly 71.43% of Green Warriors agreed they would still participate in the program.
- Over 95.23% of Green Warriors agreed that it is important to engage students in sustainability programs.
- 81.91% of students agreed that sustainability is a priority in residence halls.

Green Warrior Aggie Village Survey Results:

- About 73.33% of Green Warriors agreed that the program gave them a better understanding of the definition of sustainability from an environmental, social justice and economic lens.
- Over 88.89% Green Warriors will continue the behaviors that they pledged to in the long-term.
- Without the incentive of prizes, over 73.33% of Green Warriors agreed they would still participate in the program.
- Over 91.11% of Green Warriors agreed that it is important to engage students in sustainability programs.
- Over 82.83% of students agreed that sustainability is a priority in the apartments.

Areas of Focus for 2018-2019

Energy Manager – One of the primary recommendations from the Climate Action Plan is to hire an Energy Manager to track utility use, manage reduction strategies, and train staff and students on building systems to ensure we are operating as efficiently as possible.

Begin Implementing Climate Action Plan – Over the course of the next fiscal year we hope to implement some of the lower-hanging fruit in the Climate Action Plan.

LEED Certification for Corbett/Parmelee Renovation Project – Set to begin construction at the end of fall 2017, the Corbett / Parmelee renovation is targeting a LEED Gold. This LEED certification will be HDS' second interior commercial certification.

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