

Campus Sustainability Assessment Project

Proposed Snapshot CSA Indicators

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Indicator	Metric/Notes
AIR	
Campus greenhouse gas emissions	CA-CP or other established framework
Campus ambient air quality	Number of days/yr criteria pollutant standards exceeded (disaggregated by pollutant)
BUILT ENVIRONMENT	
Green building guidelines	Percent of concepts contained in latest LEED standards that are incorporated into campus building guidelines/specifications
Existing green design in buildings	Percent of buildings that meet or exceed latest LEED standards (disaggregated by certification level)
Stakeholder involvement in new construction	Percent of university stakeholders who feel that their opinions are actively sought and considered for major building, design and expansion decisions (Leichert survey)
BUSINESS & MANAGEMENT	
EMS/SMS elements in place	C2E2 EMS Self-Assessment Checklist Evaluation Score
Openness and transparency of decision-making processes	Percent of institution stakeholders who feel that, on major issues affecting stakeholders, every effort is made to reach consensus (Leichert survey)
Socially and environmentally responsible investment	Social and environmental screens in place for all institution investments
CULTURE & COMMUNITY	
Campus sustainability literacy	Percent of each stakeholder group (admin., faculty, staff, students) that passes sustainability literacy survey (survey)
Local/regional community engagement	?
Employee job satisfaction	Percent of university employees satisfied with their compensation and treatment (Leichert survey)
Campus safety and security	(crimes/type/semester)

EDUCATION	
Sustainability curriculum	Percent of undergraduate and graduate academic programs that have incorporated sustainability concepts into (at least half of?) their courses
Undergraduate sustainability literacy/numeracy	Percent of undergraduate students who pass a sustainability literacy/numeracy test (survey)
AISHE evaluation?	AISHE
Sustainable career planning opportunities	Percent of undergraduate students exposed to sustainability related career planning resources (literature, counseling, events) prior to graduation (survey)
ENERGY	
Campus electricity use	Total kWh/yr
Campus heating/cooling energy use	Total GJ/yr
Campus renewable energy use	Percent of total campus energy use (disaggregated as above) coming from clean and renewable sources
FOOD	
Sustainable food procurement	Comprehensive sustainable food purchasing policy affecting all dining hall food purchases
Healthy food options in dining halls...	?
HAZARDOUS SUBSTANCES	
Hazardous waste generation	Total quantity of hazardous, radioactive, and medical waste generated on campus each year (disaggregated, x/FTE)
Hazardous substance management	Percent of research and instructional laboratories with enforced safe handling, storage, and monitoring/tracking procedures in place
LAND	
Sustainable campus planning	Sustainability guidelines affecting all campus planning decisions
Campus ecological integrity	(indicator species... native v. exotic woody plants)
Campus greenspace	Percent of campus area classified as greenspace
Natural area protection	Percent of undeveloped land owned or stewarded by institution that is protected from development by institutional policy

PURCHASING	
Green purchasing	Percent of campus departments that employ sustainability guidelines in all purchasing decisions
Environmental characteristics of paper purchases	Percent of office paper purchased on campus either containing at least 30% post-consumer recycled content, or made from tree-free materials
RESEARCH	
Institutional commitment to sustainable research	Sustainability criteria used in funding decisions for university-funded research and in screening corporate research
Faculty sustainability research	?
SOLID WASTE	
Solid waste generation	Total undiverted solid waste produced on campus (metric tons/yr)
Solid waste diversion rate	Percent of solid waste generated on campus that is diverted for recycling, reuse and composting
TRANSPORTATION	
Car dependence	Percent of FTE students living within a one-mile radius of campus who drive to school regularly
Transportation-related safety	Number of automobile-related pedestrian and bicyclist accidents on campus and along campus routes per year
WATER	
Campus water use	Total m ³ /FTE/yr
Wastewater disposal	Percent of water used on campus that receives (equivalent of) tertiary treatment prior to returning to watershed
Storm water runoff management	(groundwater / surface water contamination levels...)