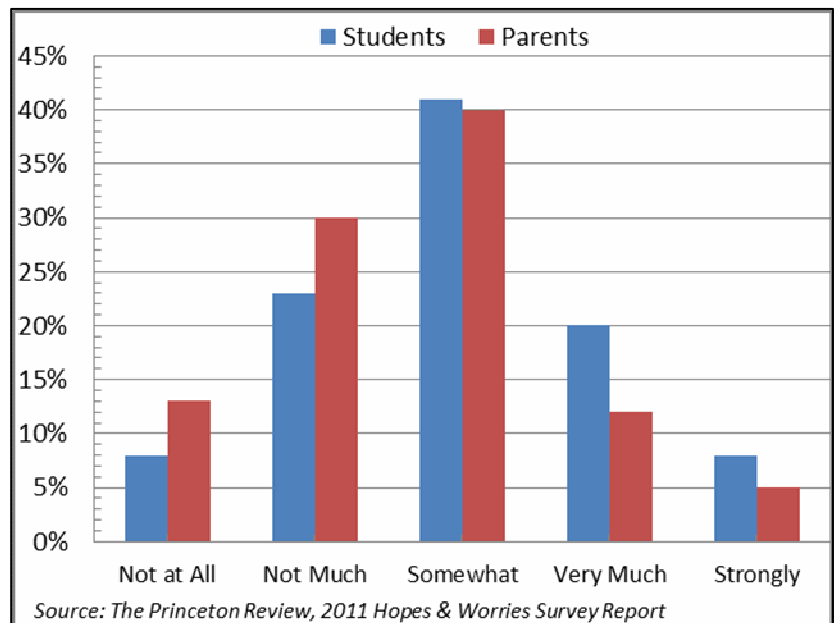


GREENHOUSE GAS INVENTORIES AT COLLEGES AND UNIVERSITIES

Sustainability efforts within the College and University sector continue to grow as global environmental concerns mount and specific interest among secondary and post-secondary communities continue to rise. Just look at The Princeton Review's most recent *2011 College Hopes & Worries Survey Report*, which indicated that the majority of students and parents would take into consideration an institution's commitment toward environmental issues when deciding to apply to or attend a school. In fact, 28% of the surveyed students indicated that it would contribute "strongly" or "very much" to their decision, as depicted in the graph below.

For many institutions, the first step into the sustainability landscape involves a detailed evaluation of the institution's carbon footprint (or greenhouse gas emissions). Affinity's approach provides a greenhouse gas emission retrospective, including a baseline year from which to establish goals and measure progress going forward. Our tools are based on a recognized protocol framework as published by the Intergovernmental Panel on Climate Change for national



inventories and the methodologies and calculators of the Greenhouse Gas Protocol (accepted by the International Organization for Standardization).

Greenhouse gas inventories provide institutions with valuable information including: critical data and information necessary to evaluate progress and assist in developing strategic climate action plans and strategies; adherence to American College & University Presidents Climate Commitment (ACUPCC) reporting commitments; and Advancement of Sustainability in Higher Education's Sustainability Tracking Assessment & Rating System™ (STARS).

The major categories reviewed as part of the greenhouse gas calculation include on-campus energy production, purchased electricity, transportation (including air travel and commuting), waste,

agriculture, and refrigerants. This data may be acquired from a variety of sources, including the physical plant department, the campus planning office, local utilities, etc.

The tools and protocols used will establish a true and fair account of greenhouse gas emissions, in accordance with the ACUPCC, and create a carbon footprint baseline that can be replicated in subsequent years.

Greenhouse inventories include specific scope classifications: Scope 1 (direct emissions); Scope 2 (indirect energy consumption emissions); and Scope 3 (other associated emissions) sources.

EXPERIENCE AND EXPERTISE

Affinity has significant experience in performing greenhouse gas inventory evaluations. These have included commercial, industrial, city, and institutional inventories. Over the last two years, Affinity has performed greenhouse gas activities and/or inventories (and other sustainability-related services) for educational institutions, manufacturing organizations, commercial businesses, and municipalities. Our highly-experienced staff includes certified Greenhouse Gas Verifiers (GHG-V), which assures the proper education and experience of those working on greenhouse gas inventories.

Affinity has been involved intimately in developing greenhouse gas certification programs with accredited groups like CSA America. Affinity has also worked with U.S. EPA on pilot greenhouse gas programs, such as EPA's Climate Leaders.

We employ consultants experienced with AASHE's Sustainability Tracking Assessment & Rating System™ (STARS) program. This may be of additional value to an institution with a desire to move toward this sustainability program now or sometime down the road.

Affinity is a frequent presenter of sustainability-related topics at various conferences throughout the United States. We have recently presented at the University System of Ohio (USO) Sustainability Conference, organized by the Ohio Board of Regents, on the topic of greenhouse gas inventories and campus sustainability, and at the Sustainability and Environmental, Health & Safety Symposium on topics relating to sustainability and greenhouse gas reporting. Later this year, we will be presenting at the AASHE 2011 Conference and Expo in Pittsburg, Pennsylvania.