



# X. TOPLINE RESULTS

n = 471 presidents, 320 provosts and 325 facilities chiefs at accredited four- and two-year degree-granting US colleges and universities<sup>2</sup>

Interviewing 12.6.2000—4.19.2001

Margin of error  $\pm 4$  for results based on presidents,  $\pm 5$  for results based on provosts and  $\pm 5$  for results based on facilities chiefs<sup>3</sup>

## Questions for the President or Executive Officer (Q1-Q13)

All of the following numbers represent percentages.

**Q1** Some campuses have a written declaration that they are committed to promoting environmental responsibility, while other campuses do not have such a statement. Does your campus have a written declaration of commitment to environmental responsibility?

27	Yes
16	We have plans to develop one
54	No
4	No answer <sup>4</sup>

**Q2** Does your campus have a written declaration that educating students about environmental responsibility is part of its academic mission?

21	Yes
13	We have plans to develop one
61	No
5	No answer

<sup>2</sup> Questions Q1-Q13 were answered by the president, Q14-Q22B by the provost, and Q23A-Q44B by the facilities chief. In addition, the responses to some questions, which asked for detailed operations information, are not tabulated here.

<sup>3</sup> Because results are rounded they may not total exactly 100.

<sup>4</sup> To emulate telephone surveys, in which “don’t know” and “refused” typically are not read as response categories, “no answer” was never presented online as a response choice. Instead, a code of “no answer” indicates that no response was marked for the question.

**Q3A** These first questions are about goal setting. Does your campus regularly set and review goals for (Insert)?

	<b>Yes, total<sup>5</sup></b>	<b>Yes, campus-wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>	
a	reducing solid waste and maximizing recycling (by regularly we mean annually or more frequently).	56	33	24	30	14
b	conserving energy	64	43	21	23	13
c	conserving water	41	23	18	48	11
d	reducing pollution	44	26	18	45	11
e	protecting natural habitats	47	25	22	40	13
f	purchasing environmentally sound goods	47	23	23	40	13
g	purchasing organic food	9	3	6	79	12
h	environmental performance in the design of buildings	64	45	19	23	13
i	making environmentally responsible investments	29	18	11	57	14

**Q3B** Do you have plans to do more as far as regularly setting and reviewing goals for (Insert)?

	<b>Yes</b>	<b>No/ No answer<sup>6</sup></b>
a	reducing solid waste and maximizing recycling	25 / 75
b	conserving energy	24 / 76
c	conserving water	17 / 83
d	reducing pollution	15 / 85
e	protecting natural habitats	14 / 86

<sup>5</sup> Throughout topline results, “Yes, campus-wide” and “Yes, in some campus units” responses may not add to “Yes, total” due to rounding.

<sup>6</sup> All questions asking, “Do you have plans to do more?” allowed respondents to check a box to indicate an affirmative answer. Because of this design, negative answers to these questions—that is, leaving the box blank—are indistinguishable from missing answers—skipping the questions altogether. This design was employed on these questions to simplify the questionnaire.

	<b>Yes</b>	<b>No/ No answer<sup>6</sup></b>
f	purchasing environmentally sound goods 13	87
g	purchasing organic food 5	95
h	environmental performance in the design of buildings 18	82
i	making environmentally responsible investments 10	90

#### Q4A

These next questions are about policies. Does your campus have written policies or standards for (Insert)?

	<b>Yes, total</b>	<b>Yes, campus-wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>
a	reducing solid waste and maximizing recycling 40	24	16	39	21
b	conserving energy 37	23	14	48	15
c	conserving water 21	10	11	64	15
d	reducing pollution 24	12	12	59	17
e	protecting natural habitats 23	13	11	61	16
f	purchasing environmentally sound goods 22	8	13	63	16
g	purchasing organic food 5	1	4	81	14
h	environmental performance in the design of buildings 37	24	13	47	15
i	making environmentally responsible investments 15	8	6	68	17

#### Q4B

Do you have plans to do more as far as written policies or standards for (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	reducing solid waste and maximizing recycling 18	82
b	conserving energy 19	81
c	conserving water 15	85
d	reducing pollution 14	86
e	protecting natural habitats 13	87

	<b>Yes</b>	<b>No/ No answer</b>
f	purchasing environmentally sound goods 12	88
g	purchasing organic food 4	96
h	environmental performance in the design of buildings 16	84
i	making environmentally responsible investments 8	92

**Q5A** Does your campus have a formal system for (Insert)?

	<b>Yes, total</b>	<b>Yes, campus-wide</b>	<b>Yes,in some campus units</b>	<b>No</b>	<b>No answer</b>
a	holding campus units accountable for environmental performance, through incentives and/or penalties 8	2	5	78	14
b	considering environmental impact when master planning decisions are made 48	37	11	37	16

**Q5B** Do you have plans to do more as far as a formal system for (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	holding campus units accountable for environmental performance, through incentives and/or penalties 8	92
b	considering environmental impact when master planning decisions are made 11	89

**Q6** Which of the following best describes your campus?

6	We have an environmental task force or council that does not include students.
18	We have an environmental task force or council that includes students.
64	We do not have any environmental task force or council.
12	No answer

**Q7A** Does your campus have (Insert)?

	<b>Yes</b>	<b>No</b>	<b>No answer</b>
a	a full-time administrator who manages environmental issues beyond regulatory compliance 21	66	13
b	a recycling coordinator 51	35	14
c	an energy conservation coordinator 36	50	15
d	a green purchasing coordinator 7	78	16

**Q7B** Do you have plans to do more as far as (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	a full-time administrator who manages environmental issues beyond regulatory compliance 6	94
b	a recycling coordinator 5	95
c	an energy conservation coordinator 6	94
d	a green purchasing coordinator 6	94

**Q8A** Does your campus offer an orientation session about campus environmental programs to (Insert)?

	<b>Yes</b>	<b>No</b>	<b>No answer</b>
a	students 13	69	18
b	faculty 11	73	16
c	staff 13	70	17

**Q8B** Do you have plans to do more as far as offering an orientation session about campus environmental programs to (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	students 9	91
b	faculty 11	89
c	staff 11	89

**Q9**

Thinking about all the initiatives now in place on your campus to promote environmental responsibility, about what percentage would you say (Insert)?

a were started within the past year

20	None
13	< 10%
16	10%
11	20%
6	30%
3	40%
3	50%
2	60%
1	70%
1	80%
*	90%
*	100%
24	No answer

b were started within the past five years

11	None
5	< 10%
2	10%
9	20%
11	30%
5	40%
12	50%
6	60%
4	70%
5	80%
3	90%
5	100%
20	No answer

c are more than five years old

17	None
7	< 10%
8	10%
9	20%
8	30%
5	40%
8	50%
5	60%
4	70%
3	80%
1	90%
2	100%
23	No answer

**Q10** How much of a challenge is (Insert) to your campus expanding its environmental programs?

	<b>One of the biggest challenges</b>	<b>A key challenge, but not one of the biggest</b>	<b>Somewhat of a challenge</b>	<b>Not a challenge at all</b>	<b>No answer</b>
a	inadequate funding 37	26	18	4	16
b	inadequate staff time 42	27	15	3	14
c	inadequate information about what problems to address and/or what strategies to implement 10	20	38	17	14
d	disagreement about what problems to address and/or what strategies to implement 4	12	42	28	14
e	concern that environmental programs are not cost-effective 10	21	35	20	14
f	concern that other campus needs are more pressing 44	25	15	3	14

**Q11** How much of a challenge to your campus expanding its environmental programs is (Insert)?

	<b>One of the biggest challenges</b>	<b>A key challenge, but not one of the biggest</b>	<b>Somewhat of a challenge</b>	<b>Not a challenge at all</b>	<b>No answer</b>
a	lack of commitment among top-level administrators 7	15	27	35	16
b	lack of commitment among mid-level managers in key departments 7	16	38	25	14
c	lack of student interest in participating in environmental programs 9	13	39	25	14
d	lack of faculty and staff interest in participating in environmental programs 7	16	44	19	15

**Q12** To what extent has/have (Insert) played a role in encouraging your campus to implement environmental programs?

	<b>A great deal</b>	<b>Somewhat</b>	<b>Not too much</b>	<b>Not at all</b>	<b>No answer</b>
a	student interest 14	32	22	12	19
b	faculty interest 14	35	25	10	16
c	staff interest 11	39	26	8	16
d	alumni interest 2	6	30	46	17
e	government regulations 24	36	17	7	16

**Q13** To what extent has your campus been encouraged to implement environmental programs because you (Insert)?

	<b>A great deal</b>	<b>Somewhat</b>	<b>Not too much</b>	<b>Not at all</b>	<b>No answer</b>
a	have found them to be cost-effective				
	9	31	29	14	17
b	have found environmental programs are good public relations				
	9	38	25	12	16
c	have found environmental programs help recruit students				
	3	14	30	36	16
d	feel environmental programs fit in with the culture and values of the campus				
	28	36	15	6	16

### Questions for the Provost or Academic Officer (Q14-Q22B)

**Q14** Does your campus offer an undergraduate (Insert) in environmental or sustainability studies?

	<b>Yes</b>	<b>We have plans to develop one</b>	<b>No</b>	<b>No answer</b>
a	major			
	35	5	60	1
b	minor			
	32	4	63	1

We are interested in if your campus offers courses on environmental issues separate from any environmental studies degree program.

**Q15A** Does the (Insert) department offer any undergraduate courses on environmental issues?

	<b>Yes</b>	<b>No</b>	<b>No answer</b>
a	anthropology		
	15	73	12
b	biology		
	68	24	9
c	business or economics		
	25	67	8
d	chemistry		
	43	47	10
e	communication or journalism		
	6	80	14
f	computer science or engineering		
	12	77	11



	<b>Yes</b>	<b>No</b>	<b>No answer</b>
g	education 11	76	12
h	history 14	74	12
i	law 9	74	17
j	literature 19	70	11
k	philosophy or religion 22	65	12
l	political science or sociology 33	58	10

**Q15B** Do you have plans to do more as far as the (Insert) department offering any undergraduate courses on environmental issues?

	<b>Yes</b>	<b>No/ No answer</b>
a	anthropology 1	99
b	biology 6	94
c	business or economics 2	98
d	chemistry 4	96
e	communication or journalism 1	99
f	computer science or engineering 3	97
g	education 2	98
h	history 1	99
i	law 2	98
j	literature 1	99
k	philosophy or religion 3	97
l	political science or sociology 2	98

**Q16** Are there other departments that offer undergraduate courses on environmental issues?<sup>7</sup>

<sup>7</sup> Not coded for tabs, but a total of 69 percent offer a course in environmental studies either through the departments listed in Q15B or in departments listed in open-ended responses for Q16.

**Q17A** We are interested in whether you have any campus-wide requirement that students take courses on environmental issues. Which of the following best describes your campus?

8	Campus-wide, all students are explicitly required to take at least one course related to the environment.
5	Most students are required.
21	Some students are required.
63	No students are required.
4	No answer

**Q17B** Do you have plans to do more as far as any campus-wide requirement that students take courses on environmental issues?

3	Yes
97	No/No answer

**Q18A** Does your campus (Insert)?

	<b>Yes</b>	<b>No</b>	<b>No answer</b>
a	allow undergraduates to design interdisciplinary degree programs incorporating the study of environmental issues		
	49	45	6
b	have a recruiting program to attract students interested in studying environmental issues		
	25	66	9

**Q18B** Do you have plans to do more as far as (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	allowing undergraduates to design interdisciplinary degree programs incorporating the study of environmental issues	
	4	96
b	a recruiting program to attract students interested in studying environmental issues	
	9	91

**Q19A** Does your campus offer any courses in which undergraduates can study environmental issues through (Insert)?

	<b>Yes</b>	<b>No</b>	<b>No answer</b>
a	internship programs		
	58	37	5
b	independent research projects		
	69	26	4
c	campus service projects		
	49	44	7
d	community service projects		
	58	35	7
e	mastery learning		
	7	83	10

**Q19B** Do you have plans to do more as far as offering any courses in which undergraduates can study environmental issues through (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	internship programs 5	95
b	independent research projects 1	99
c	campus service projects 5	95
d	community service projects 4	96
e	mastery learning 3	97

**Q20** By graduation, roughly what percentage of your total undergraduate student body has taken at least one course, regardless of department, addressing (Insert)?

a	the basic functions of the earth's natural systems	
	8	None
	12	< 10%
	8	10%
	10	20%
	8	30%
	3	40%
	5	50%
	6	60%
	7	70%
	5	80%
	5	90%
	11	100%
	12	No answer
b	the correlation between human activity and environmental sustainability	
	9	None
	16	< 10%
	13	10%
	14	20%
	7	30%
	5	40%
	6	50%
	4	60%
	4	70%
	4	80%
	2	90%
	6	100%
	12	No answer

c	practices that support a sustainable lifestyle	
	11	None
	21	< 10%
	12	10%
	13	20%
	5	30%
	4	40%
	4	50%
	3	60%
	4	70%
	3	80%
	2	90%
	5	100%
	12	No answer
d	policy strategies that support environmental sustainability	
	15	None
	19	< 10%
	14	10%
	13	20%
	9	30%
	3	40%
	4	50%
	1	60%
	4	70%
	1	80%
	2	90%
	2	100%
	12	No answer

**Q21A** Does your campus (Insert)?

	<b>Yes</b>	<b>No</b>	<b>No answer</b>
a	have programs to support faculty professional development on environmental topics		
	50	41	8
b	formally evaluate or recognize how faculty have integrated environmental topics into their courses		
	8	84	8

**Q21B** Do you have plans to do more as far as (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	programs to support faculty professional development on environmental topics	
	4	96
b	formally evaluating or recognizing how faculty have integrated environmental topics into their courses	
	4	96

**Q22A** Does your campus house any research institutes that study environmental issues?

23	Yes
71	No
7	No answer

**Q22B** Do you have plans to do more as far as housing any research institutes that study environmental issues?

5	Yes
95	No/No answer

## Questions for the Chief of Facilities or Plant Operations (Q23A-Q44B)

### Recycling, Solid Waste and Materials Flow

**Q23A** First we have some questions about recycling and materials exchange. Does your campus collect (Insert) for recycling?

	<b>Yes, total</b>	<b>Yes, campus-wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>	
a	higher grades of paper (e.g., office paper, computer printout)	84	67	17	13	3
b	lower grades of paper (e.g., mixed paper, colored paper, junk mail, newspaper, boxboard, magazines, catalogs, filestock, envelopes, kraft paper)	77	57	20	20	3
c	corrugated cardboard	80	64	16	18	2
d	aluminum containers	85	62	23	12	3
e	glass bottles and jars (one or more colors)	50	34	15	47	4
f	plastic (one or more grades)	46	31	15	51	3
g	food scraps or landscape trimming for composting or mulching	48	28	20	48	4
h	construction materials (wood, concrete, bricks, stone, scrap metals)	47	25	22	51	2

**Q23B** Do you have plans to do more as far as collecting (Insert) for recycling?

	<b>Yes</b>	<b>No/ No answer</b>
a	higher grades of paper 15	85
b	lower grades of paper 12	88
c	corrugated cardboard 9	91
d	aluminum containers 10	90
e	glass bottles and jars 9	91
f	plastic 9	91
g	food scraps or landscape trimming for composting or mulching 8	92
h	construction materials 6	94

**Q24A** Does your campus have a materials exchange program, for example: for computers, furniture, office supplies or lab equipment?

55	Yes, total
30	Yes, campus-wide
24	Yes, in some campus units
42	No
4	No answer

**Q24B** Do you have plans to do more as far as a materials exchange program?

12	Yes, total
88	No/No answer

**Q25A** Does your campus specify (Insert)?

	<b>Yes, total</b>	<b>Yes, campus- wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>
a	that office paper purchased must contain a minimum 25% post-consumer waste				
	29	15	13	64	8
b	any chlorine-free requirements for office paper				
	8	3	5	83	8

**Q25B** Do you have plans to do more as far as specifying (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	that office paper purchased must contain a minimum 25% post-consumer waste 9	91
b	any chlorine-free requirements for office paper 4	96

**Q26A** Does your campus have any programs in place to encourage environmentally sound purchasing? For example, specifying that products must contain recycled content, be energy-efficient or come from sustainable, managed sources?

49	Yes, total
16	Yes, campus-wide
33	Yes, in some campus units
41	No
11	No answer

**Q26B** Do you have plans to do more as far as any programs to encourage environmentally sound purchasing?

20	Yes
80	No/No answer

**Q27A** Does your campus have programs in place to (Insert)?

	<b>Yes, total</b>	<b>Yes, campus- wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>
a	reduce the need for paper hard copies 69	31	37	21	11
b	encourage lab courses to implement microscale experiments that will consume milliliters rather than liters 43	19	24	38	19

**Q27B** Do you have plans to do more as far as programs to (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	reduce the need for paper hard copies 15	85
b	encourage lab courses to implement microscale experiments that will consume milliliters rather than liters 7	93

**Q28A** Thinking about the total municipal solid waste generated on campus (e.g., product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, appliances, paint, batteries), roughly how many short tons (2000 lbs/ton) were generated in 1999?

<b>Total</b>	<b>Q28a Resp. Only</b>	
20	37	50 or less
11	19	51–200
11	21	201–1,000
13	23	More than 1,000
45	—	Unknown/Not sure/No answer
1,773	1,773	Mean short tons
150	150	Median short tons
325	165	Number of respondents

**Q28B** Thinking about the total municipal solid waste generated on campus (e.g., product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, appliances, paint, batteries), what percentage of the short tons of municipal solid waste generated in 1999 were recycled or composted?

4	None
11	< 10%
9	10%
14	20%
11	30%
5	40%
4	50%
3	60%
2	70%
2	80%
0	90%
1	100%
34	No answer



## Landscaping and Grounds

**Q29A** Has your campus implemented any (Insert)?

	<b>Yes, total</b>	<b>Yes, campus-wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>	
a	habitat restoration (e.g., river, stream, prairie or meadow, wetland, forest) programs	36	11	25	51	13
b	native landscaping programs	51	21	30	36	12
c	identification and removal of invasive exotic species	29	13	15	61	10
d	integrated pest management	60	39	21	30	11
e	programs to provide food and shelter to attract wildlife (e.g., beneficial insects, birds, butterflies, amphibians)	37	12	24	52	11

**Q29B** Do you have plans to do more as far as implementing any (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>	
a	habitat restoration	11	89
b	native landscaping programs	10	90
c	identification and removal of invasive exotic species	4	96
d	integrated pest management	6	94
e	programs to provide food and shelter to attract wildlife	6	94

**Q30A** Thinking about your campus's land area, about how many acres of (Insert) land does your campus have?

a	total	
	6	10 acres or less
	10	11–30 acres
	5	31–50 acres
	9	51–80 acres
	11	81–120 acres
	12	121–170 acres
	12	171–300 acres
	12	301–800 acres
	9	More than 800 acres
	15	Unknown/Not Sure/No answer
	429	Mean acres
	135	Median acres

**Q30A** Thinking about your campus’s land area, about how many acres of (Insert) land does your campus have?

	<b>None</b>	<b>I-10 acres</b>	<b>11-50 acres</b>	<b>More than 50 acres</b>	<b>Unknown/ Not sure/ No answer</b>	<b>Mean acres</b>
b protected	42	10	9	16	26	99
c agricultural and horticultural	47	6	11	15	26	127

**Q30PCT** Thinking about your campus’s land area, about how many acres of (Insert) land does your campus have? — Percentage of total land that is (Insert) land.

	<b>None</b>	<b>1%-20%</b>	<b>21%-50%</b>	<b>50% or more</b>	<b>Unknown/ Not sure/ No answer</b>	<b>Mean percentage</b>
b protected	40	15	10	10	28	17%
c agricultural and horticultural	45	12	13	6	28	13%

### Energy and Utilities

**Q31A** Roughly what percentage of your campus’s total electricity, heating, and cooling demand is met by renewable sources? For example, solar, wind, hydro or fuel cells?

63	None
11	< 10%
3	10%
2	20%
2	30%
1	40%
*	50%
1	60%
1	70%
1	80%
1	90%
1	100%
14	No answer

**Q31B** Do you have plans to do more as far as meeting your campus’s electricity, heating and cooling demand by renewable sources?

10	Yes
90	No/No answer

**Q32A** Has your campus implemented all or most of the following (Insert)?

	<b>Yes, total</b>	<b>Yes, campus-wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>
a	water efficiency upgrades: toilets, showerheads, faucets, recirculating fountains and chilled water				
	72	22	51	12	15
b	lighting efficiency upgrades: light fixtures, occupancy sensors, daylight sensors				
	81	33	48	5	14
c	heating, ventilation and air conditioning upgrades: thermal insulation of buildings, down-sizing of fans and pumps, occupancy or CO2 sensors, variable-air-volume ventilation, air-side economizers, direct digital controls				
	73	20	53	11	16

**Q32B** Do you have plans to do more as far as implementing all or most of the following (Insert)?

	<b>Yes</b>	<b>No/No answer</b>
a	water efficiency upgrades: toilets, showerheads, faucets, recirculating fountains, and chilled water	
	19	81
b	lighting efficiency upgrades: light fixtures, occupancy sensors, daylight sensors	
	20	80
c	heating, ventilation and air conditioning upgrades: thermal insulation of buildings, down-sizing of fans and pumps, occupancy or CO2 sensors, variable-air-volume ventilation, air-side economizers, direct digital controls	
	24	76

**Q33A** Has your campus (Insert)?

	<b>Yes, total</b>	<b>Yes, campus-wide</b>	<b>Yes, in some campus units</b>	<b>No</b>	<b>No answer</b>
a	developed efficiency design codes for new or existing buildings				
	52	28	24	29	19
b	implemented life-cycle analysis for energy project evaluation (as contrasted with simple pay-back analysis)				
	48	21	26	36	16

**Q33B** Do you have plans to do more as far as (Insert)?

	<b>Yes</b>	<b>No/No answer</b>
a	developing efficiency design codes for new or existing buildings	
	17	83
b	implementing life-cycle analysis for energy project evaluation	
	14	86

**Q35** What is the approximate total gross square footage of the heated and/or air-conditioned buildings on campus?

<b>Total</b>	<b>Q35 Resp. Only</b>	
13	18	200,000 or less
16	23	200,001–400,000
10	14	400,001–600,000
11	15	600,001–1 million
11	16	1 million–2 million
10	14	More than 2 million
28	—	Unknown/Not applicable/No answer
1.3	1.3	Mean square footage (in millions)
.55	.55	Median square footage (in millions)
324	237	Number of respondents

**Q36** In 1999, about how many total gallons of water did your campus use?

<b>Total</b>	<b>Q36 Resp. Only</b>	
11	31	5 million gallons or less
7	18	5,000,001–20 million gallons
10	27	20,000,001–80 million gallons
9	25	More than 80 million gallons
63	—	Unknown/Not applicable/No answer
27.0	27.0	Mean gallons (in millions)
16.1	16.1	Median gallons (in millions)
325	134	Number of respondents

**Q36** Per capita water use on campus (Students and Employees).

<b>Total</b>	<b>Q36 Resp. Only</b>	
9	23	Less than 1,000 gallons
7	20	1,000–4,999 gallons
12	32	5,000–14,999 gallons
9	25	15,000 gallons or more
63	—	Unknown/Not applicable/No answer
14,671	14,671	Mean per capita water use (gallons)
6,411	6,411	Median per capita water use (gallons)
325	130	Number of respondents

**Q36** Campus water use per square foot of land.

<b>Total</b>	<b>Q36 Resp. Only</b>	
13	35	Less than 1 gallon/square foot
11	31	1–5 gallons/square foot
12	34	More than 5 gallons/square foot
64	—	Unknown/Not applicable/No answer
9.6	9.6	Mean per capita water use (gallons)
2.1	2.1	Median per capita water use (gallons)
325	132	Number of respondents

**Q37** In 1999, about how many (Insert) did your campus consume?

a kilowatt hours (KWHs) of electricity

<b>Total</b>	<b>Q37a Resp. Only</b>	
11	27	4 million or less
9	24	4,000,001–10 million KWHs
11	28	10,000,001–50 million KWHs
8	21	More than 50 million KWHs
60	—	Unknown/Not applicable/No answer
44.6	44.6	Mean kilowatt hours (in millions)
11.0	11.0	Median kilowatt hours (in millions)
325	142	Number of respondents

b MCFs of natural gas

<b>Total</b>	<b>Q37b Resp. Only</b>	
14	36	10,000 or less
8	20	10,001–80,000 MCFs
8	20	80,001–200,000 MCFs
9	24	More than 200,000 MCFs
61	—	Unknown/Not applicable/No answer
486.5	486.5	Mean MCFs of natural gas (in thousands)
93.1	93.1	Median MCFs of natural gas (in thousands)
325	140	Number of respondents

**Q38**

In 1999, what other fuels or sources of energy did your campus consume and in roughly what amounts?

a tons of coal

<b>Total</b>	<b>Q38a Resp. Only</b>	
4	9	Used coal
40	91	Did not use coal
56	—	Unknown/Not applicable/No answer
2,834	2,834	Mean tons of coal consumed
0	0	Median tons of coal consumed
325	147	Number of respondents

b gallons of fuel oil

<b>Total</b>	<b>Q38b Resp. Only</b>	
20	44	Used fuel oil
26	57	Did not use fuel oil
54	—	Unknown/Not applicable/No answer
107.0	107.0	Mean gallons of fuel oil consumed (in thousands)
0	0	Median gallons of fuel oil consumed
325	156	Number of respondents

c BTUs of purchased steam or hot water

<b>Total</b>	<b>Q38c Resp. Only</b>	
2	4	Used purchased steam or hot water
41	96	Did not use purchased steam or hot water
57	—	Unknown/Not applicable/No answer
— <sup>8</sup>	—	Mean BTUs of purchased steam or hot water
—	—	Median BTUs of purchased steam or hot water
325	141	Number of respondents

d BTUs of purchased chilled water

<b>Total</b>	<b>Q38d Resp. Only</b>	
1	1	Used purchased chilled water
43	99	Did not use purchased chilled water
57	—	Unknown/Not applicable/No answer
— <sup>9</sup>	—	Mean BTUs of purchased chilled water
—	—	Median BTUs of purchased chilled water
325	142	Number of respondents

<sup>8</sup> Number of schools that consumed purchased steam or hot water is too small to calculate an accurate mean or median.

<sup>9</sup> Number of schools that consumed purchased chilled water is too small to calculate an accurate mean or median.

e	cords of firewood		
	<b>Total</b>	<b>Q38e Resp. Only</b>	
	1	2	Used firewood
	43	98	Did not use firewood
	56	—	Unknown/Not applicable/No answer
	— <sup>10</sup>	—	Mean cords of firewood
	—	—	Median cords of firewood
	325	144	Number of respondents
f	gallons of propane		
	<b>Total</b>	<b>Q38f Resp. Only</b>	
	12	72	Used propane
	30	29	Did not use propane
	58	—	Unknown/Not applicable/No answer
	1,412	1,412	Mean gallons of fuel oil
	0	0	Median gallons of fuel oil
	325	137	Number of respondents
g	gallons of gasoline or diesel fuel (for campus fleet vehicles)		
	<b>Total</b>	<b>Q38g Resp. Only</b>	
	35	7	Used gasoline or diesel fuel
	3	93	Did not use gasoline or diesel fuel
	63	—	Unknown/Not applicable/No answer
	29,297	29,297	Mean gallons of gasoline or diesel fuel
	10,346	10,346	Median gallons of gasoline or diesel fuel
	325	126	Number of respondents

**Q39** Thinking about the electricity your campus cogenerated in 1999. . .<sup>11</sup>

a	About how many KWHs of electricity did you generate?		
	<b>Total</b>	<b>Q39a Resp. Only</b>	
	4	9	Generated electricity
	43	91	Did not generate electricity
	52	—	Unknown/Not applicable/No answer
	5.2	5.2	Mean kilowatt hours of electricity generated(in millions)
	0	0	Median kilowatt hours (in millions)
	325	159	Number of respondents

<sup>10</sup> Number of schools that consumed firewood is too small to calculate an accurate mean or median.

<sup>11</sup> There are not enough responses to Q39C to report in the topline.

b What primary fuel did you use for electrical generation?

Total	Q39b Resp. Only	
*	1	Electric
1	3	Hydro
*	1	Steam
1	6	Coal
2	9	Oil
1	5	Nuclear
3	15	Natural gas
10	64	None
84	—	Unknown/ Not applicable/ No answer
325	50	Number of respondents

d About how many BTUs of cogenerated steam or hot water did your campus electrical generator produce?

Total	Q39a Resp. Only	
2	11	Generated electricity
17	89	Did not generate electricity
81	—	Unknown/Not applicable/No answer
32.0	32.0	Mean BTUs (in billions)
0	0	Median BTUs (in billions)
325	58	Number of respondents

## Transportation

**Q40A** Does your campus offer (Insert)?

	Yes, total	Yes, campus-wide	Yes, in some campus units	No	No answer	
a	free or discounted bus passes to students	23	20	4	46	31
b	free or discounted bus passes to faculty and staff	19	15	3	51	30
c	a carpooling program	17	12	5	53	30
d	incentives not to drive alone (e.g., emergency rides home, discounted carpool parking, parking cashout)	13	10	3	57	30
e	adequate and protected bicycle racks	59	34	25	11	30
f	bicycle lanes	13	7	6	56	31



**Q40B** Do you have plans to do more as far as offering (Insert)?

	<b>Yes</b>	<b>No/ No answer</b>
a	free or discounted bus passes to students	
	2	98
b	free or discounted bus passes to faculty and staff	
	2	98
c	a carpooling program	
	3	97
d	incentives not to drive alone	
	2	98
e	adequate and protected bicycle racks	
	5	95
f	bicycle lanes	
	3	97

**Q41** Thinking about where your campus's students live, roughly what percentage live in (Insert)?

a	university owned residence halls on campus	
	22	None
	4	< 10%
	5	10%
	7	20%
	6	30%
	5	40%
	2	50%
	1	60%
	4	70%
	5	80%
	7	90%
	*	100%
	32	No answer
b	non-university owned housing and typically walk or bike to campus	
	11	None
	29	< 10%
	13	10%
	4	20%
	4	30%
	3	40%
	1	50%
	*	60%
	0	70%
	0	80%
	0	90%
	*	100%
	35	No answer

c	non-university owned housing and typically drive to campus	
	4	None
	8	< 10%
	4	10%
	7	20%
	3	30%
	5	40%
	3	50%
	4	60%
	6	70%
	7	80%
	12	90%
	4	100%
	33	No answer

**Q42** Thinking about where your campus's faculty and staff live, roughly what percentage live in (Insert)?

a	university owned residence halls on campus	
	39	None
	22	< 10%
	1	10%
	2	20%
	1	30%
	1	40%
	0	50%
	0	60%
	1	70%
	1	80%
	1	90%
	0	100%
	32	No answer
b	non-university owned housing and typically walk or bike to campus	
	18	None
	36	< 10%
	8	10%
	3	20%
	0	30%
	1	40%
	0	50%
	0	60%
	0	70%
	0	80%
	*	90%
	*	100%
	34	No answer

c non-university owned housing and typically drive to campus

2	None
1	< 10%
0	10%
1	20%
1	30%
1	40%
1	50%
1	60%
5	70%
8	80%
31	90%
15	100%
33	No answer

**Q43A** Thinking about students, faculty and staff together . . .

a Roughly how many parking spaces does your campus provide for regular student, faculty, or staff parking?

<b>Total</b>	<b>Q43a Resp. Only</b>	
12	20	400 or less
14	23	401–800
14	23	801–1,500
10	16	1,501–3,000
6	9	3,001–5,000
6	10	More than 5,000
38	—	Unknown/ Not applicable/ No answer
3,093	3,093	Mean number of parking spaces
938	938	Median number of parking spaces
325	208	Number of respondents

b For students, faculty, and staff who do drive to campus, what is the average commute, in miles?

<b>Total</b>	<b>Q39b Resp. Only</b>	
8	14	5 miles or less
19	35	6–10 miles
12	22	11–15 miles
11	20	16–25 miles
5	9	More than 25 miles
47	—	Unknown/ Not applicable/ No answer
15.7	15.7	Mean commuting distance in miles
12.0	12.0	Median commuting distance in miles
325	179	Number of respondents

**Q44A** Thinking about the fleet vehicles on campus, roughly how many does the campus lease or own?

13	5 or less
10	6–10
10	11–15
10	16–25
10	26–50
8	51–200
5	More than 200
34	Unknown/ Not applicable/ No answer
60	Mean number of fleet vehicles
15	Median number of fleet vehicles

**Q44B** About how many fleet vehicles on campus use alternative fuels (e.g., electric hybrid, propane, biodiesel, etc.)?

<b>Total</b>	<b>Q44b Resp. Only</b>	
52	80	None
8	13	< 10%
1	1	10%
1	1	20%
*	1	30%
1	2	40%
0	0	50%
0	0	60%
*	*	70%
*	*	80%
*	*	90%
*	1	100%
35	—	No answer
325	221	Number of respondents