

2017 UNC Commuter Survey



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and
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THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

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INTRODUCTION

The University of North Carolina at Chapel Hill conducts biennial commuter surveys to better understand the commuting behavior of employees and students. Since 1997, a random sample of employees and students are invited by email to complete the survey. The information gained from these surveys helps the University plan future multimodal mobility options, programs, and incentives for the campus community.

In 1997, the University commissioned its first study of campus commuting patterns. The purpose of the study was to survey both students and employees about the various travel modes they used to commute to campus, as well as their origins and destinations. The data gathered was used to help the UNC Department of Transportation and Parking and the Town of Chapel Hill plan for University and Town transportation needs. This study was repeated in 2001, 2004, 2007, 2009, and 2011, 2013, 2015, and is now completed every other year.

In 2017, the University again surveyed the campus community to determine how campus commuting patterns have changed over the last two years. This new study provides comprehensive information about the current state of campus commuter behavior and characteristics, makes comparisons to the 1997- 2015 studies where possible and relevant, and offers analysis of trends and the implications of these trends for on and off-campus decision makers.

The report is divided into several sections: a brief explanation of the study's methodology, a chapter detailing employee commuting patterns, a chapter detailing student commuting patterns, and finally a discussion of major findings. A complete summary of survey responses, as well as the web-based survey instruments, are included in the appendix.

METHODOLOGY

The survey was distributed to a random sample of UNC-Chapel Hill faculty, staff, and students, as well as UNC Hospital employees. Development of the questionnaire, the sampling techniques used, response rates obtained, and analyses conducted are described below.

The Survey Questionnaire

The questionnaire used in the current study was originally developed for the 1997 survey, and has undergone only slight modifications for the 2001, 2004, 2007, 2009, 2011, and 2013 administrations. The 2015 survey was re-designed and pre-tested by Transportation & Parking with the intent to be direct, brief, and solicit more responses. Most questions were close-ended and check boxes were used to make answering these questions simple and efficient. Open-ended questions were used for numerical responses and a few qualitative free responses where respondents list reasons they do or do not use certain modes to travel to campus. The 2017 survey was conducted in the same manner as the 2015 survey.

Separate sections were developed to elicit more detailed information from those who drive and those who take the bus to campus, and the survey directed individuals to appropriate sections of the survey based on their travel behavior.

Copies of the full web-based questionnaires for employees and students are provided in Appendices 2 and 3.

Population and Sample

The 2017 study utilized the same methodology for determining sample size as the 1997, 2001, 2004, 2007, 2009, 2011, 2013, and 2015 studies (see previous reports for details). Of the combined population of faculty and staff at the University and UNC Hospitals, a random sample was drawn using employee records obtained from the personnel databases of those organizations. Completed responses totaling 1,329 of 4,110 were received for a response rate of 32%. The student population consisted of all undergraduate, graduate, and professional students who lived off-campus during fall 2015. From this population, a random sample of 2,472 was drawn. A total of 341 completed responses were received for a response rate of 13%. The analysis in this report for employees and students considers all respondents who partially or completely filled out the survey. A total of 1,296 employee respondents and 328 student respondents completed the survey in its entirety.

Administration of the Survey

All students and employees in the target sample received an email announcement directing them to the website containing the on-line survey, and one email reminder sent approximately seven days after the first announcement. The responses went directly to a secured server in the UNC Transportation & Parking Department.

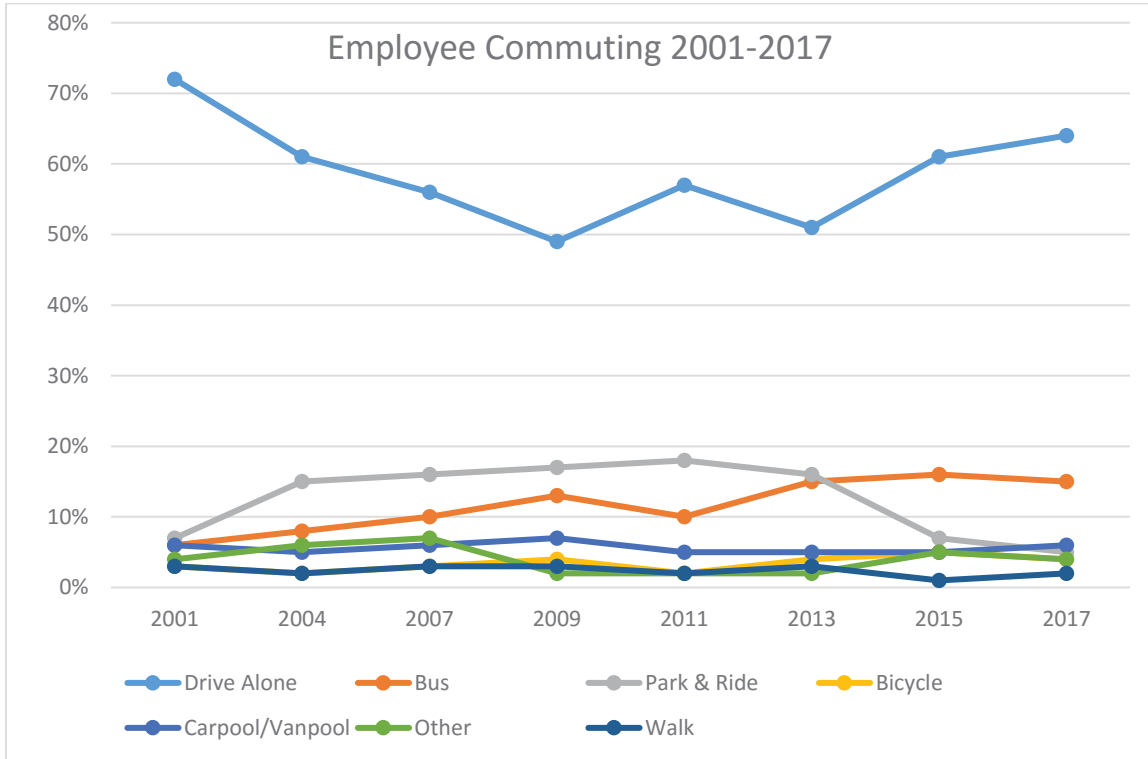
The results were analyzed using Qualtrics and Microsoft Excel was used to create the tables and cross-tabulations in this report.

SURVEY RESULTS

Employee and Commuter Student Mode Splits (2001-2017)

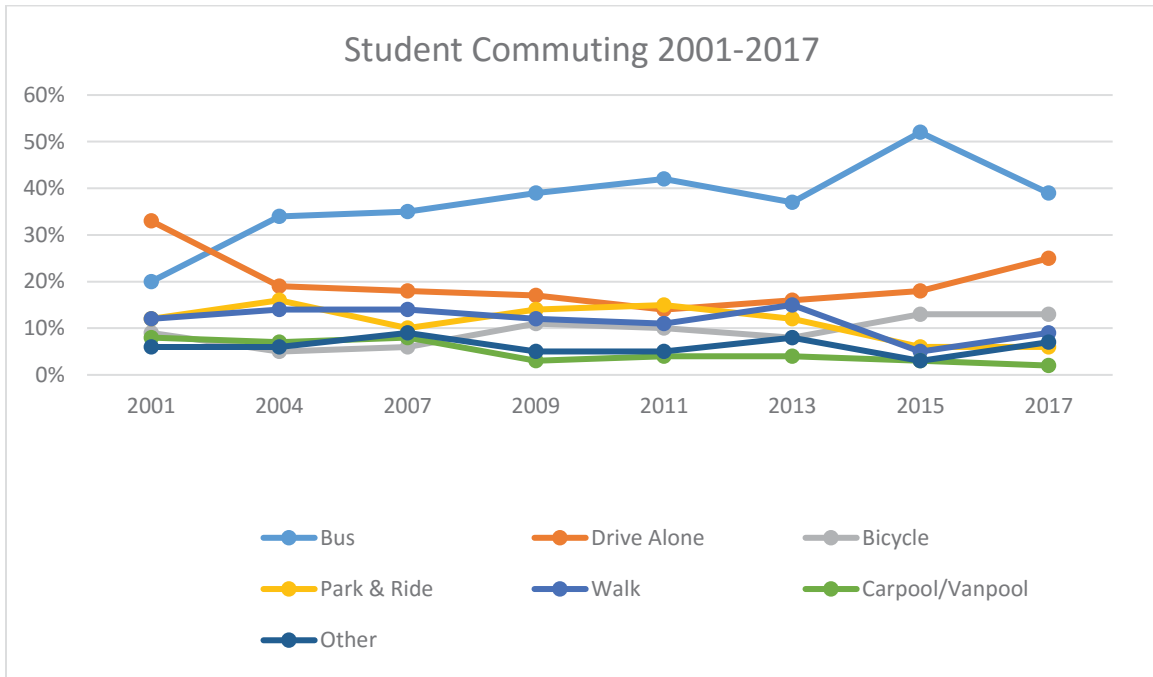
The type of transportation people use to travel is known as a mode. A 'mode split' comprises the total picture of all the different transportation types people use to travel. Tracking and studying a mode split is an essential component in developing sustainable transportation options in our region. The UNC mode split results aid staff to determine the effectiveness of transportation options and incentive programs.

The charts below show the method UNC employees and students used to travel to campus:



* Local Bus- Chapel Hill Transit (9%) and Regional Bus (7%).

**Other' category includes telework, dropped off, and motorcycle/scooter.



* Local Transit-Chapel Hill Transit (35%) and Regional Bus (4%).

Employee Mode Splits

	2004	2007	2009	2011	2013	2015	2017
Drive Alone	0.61	0.56	0.49	0.57	0.51	0.61	0.64
Bus	0.08	0.10	0.13	0.10	0.15	0.16	0.15
Park & Ride	0.15	0.16	0.17	0.18	0.16	0.07	0.05
Bicycle	0.02	0.03	0.04	0.02	0.04	0.05	0.04
Carpool/Vanpool	0.05	0.06	0.07	0.05	0.05	0.05	0.06
Other	0.06	0.07	0.02	0.02	0.02	0.05	0.04
Walk	0.02	0.03	0.03	0.02	0.03	0.01	0.02

Commuter Student Mode Splits

	2004	2007	2009	2011	2013	2015	2017
Drive Alone	0.19	0.18	0.17	0.14	0.16	0.18	0.25
Bus	0.34	0.35	0.39	0.42	0.37	0.52	0.39
Park & Ride	0.16	0.10	0.14	0.15	0.12	0.06	0.06
Bicycle	0.05	0.06	0.11	0.10	0.08	0.13	0.13
Carpool/Vanpool	0.07	0.08	0.03	0.04	0.04	0.03	0.02
Other	0.06	0.09	0.05	0.05	0.08	0.03	0.05
Walk	0.14	0.14	0.12	0.11	0.15	0.05	0.09

Notes:

1. Bus data was split into Local and Regional for this year's Survey
2. 'Other' includes motorcycle/scooter, dropped off, and telework

Employee Mode Split

- The percentage of employees who drive alone to campus increased to 64%, the highest level since 2001 (72%).
- Park & Ride decreased from 7% to 5%, the lowest percentage recorded, due in part to the introduction of fees to use Park & Ride lots in 2014.
- Bus ridership remains consistent, likely due to former Park & Ride users who maintained their previous shift to transit in 2015.

Commuter Student Mode Split

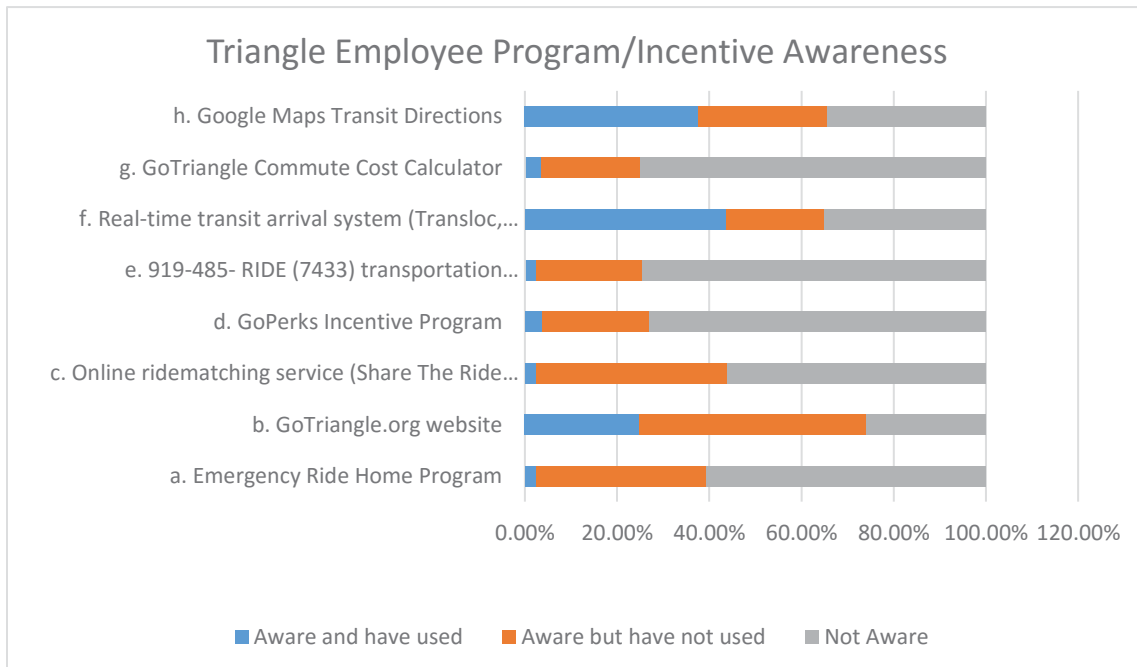
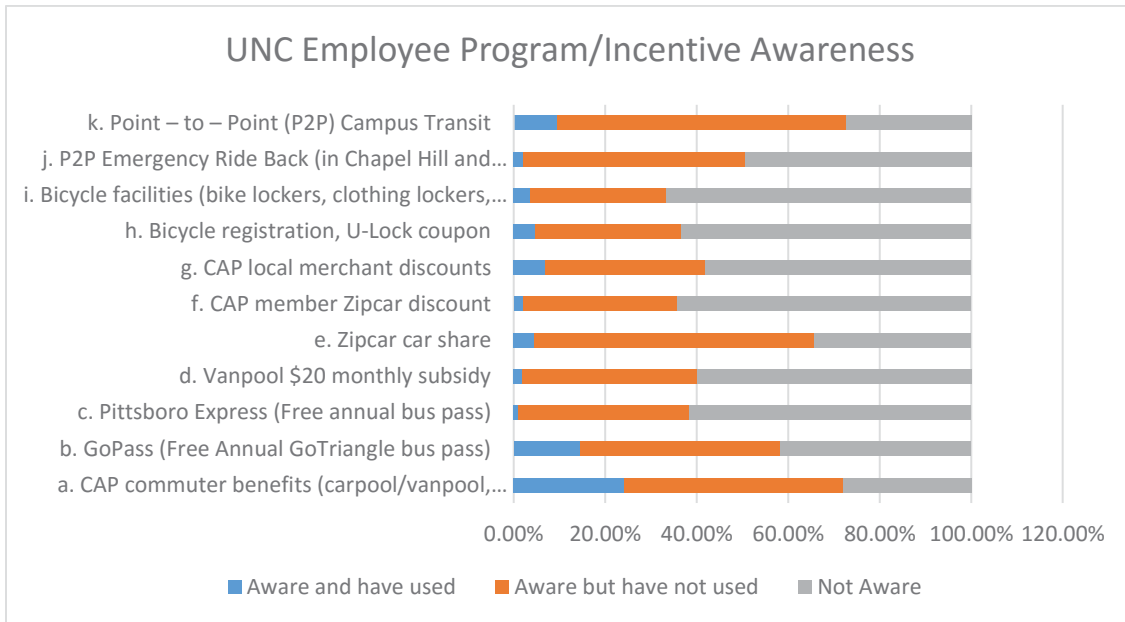
- Reported bus usage decreased from a high of 52% to 39%. Local Chapel Hill Transit and Regional bus usage was separated for the first time in the 2015 Survey. In 2017, Chapel Hill Transit usage decreased from 43% to 35% and Regional Transit decreased from 9% to 4%.
- Bicycle usage remained at 13%.
- Park & Ride remained at 6% and walking increased from 5% to 9%. These decreases are likely the result of the significant shifts to transit usage.

Other Survey Data Highlights

In order to effectively promote use of modes of transportation other than driving it is important to understand commuter preferences and behaviors and the factors that influence their travel choices. These sections highlight data from the survey that will help develop programs and policies to enhance mobility to campus.

Reasons for Not Riding the Bus or Carpooling

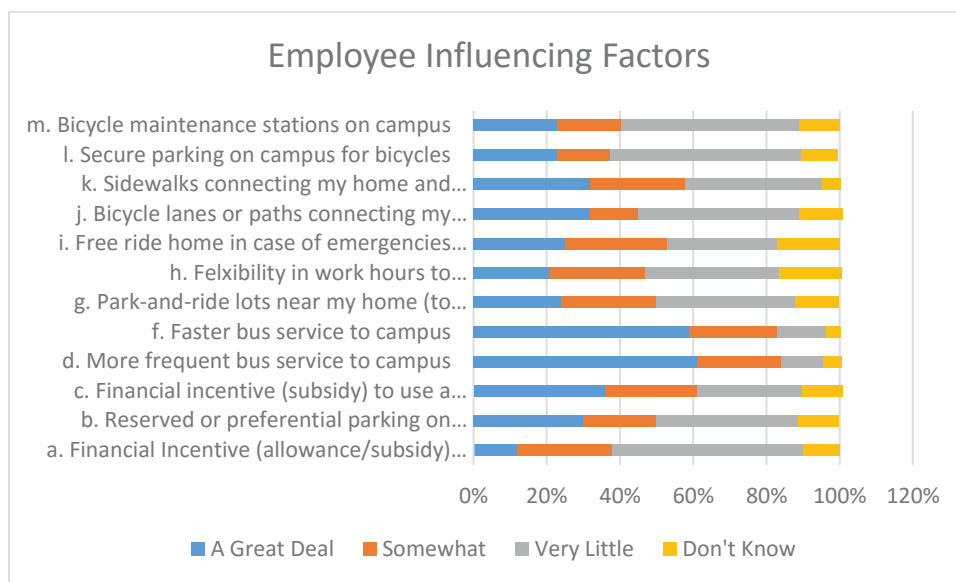
Employees provided common reasons why they do not ride the bus or carpool/vanpool more often. The most common reason reported was a personal vehicle was needed for childcare/family responsibilities and errands, followed by an irregular work schedule, and needing a vehicle in case of an emergency. The number of employees who are unaware of Triangle area and UNC emergency ride home programs is over 50% for both and over 40% of those aware have never utilized the service. These results remain unchanged from the 2015 Survey.



Students cited irregular schedules, the bus taking too long compared to a car, and the bus running too infrequently near their home. The majority of off campus student housing is within a ¼ mile of a Chapel Hill Transit bus stop which points to the need for increased frequency to accommodate

irregular schedules. Chapel Hill Transit’s North-South Corridor Bus Rapid Transit (BRT) project consists of a BRT system along the Martin Luther King Jr Boulevard/South Columbia Street corridor. A congestion-free bus option may alleviate these concerns by providing fast, frequent, reliable service to campus.

Survey respondents were asked what services or benefits would make them consider using a mode of transportation other than their personal vehicle. Consistent with the 2015 Survey, both employees and students cited more frequent and faster bus service would make them reconsider driving to campus. The difference between the 2015 and 2017 results are the far greater number respondents highlighting faster and more frequent transit service. Those citing improvements in these areas would influence them a great deal increased from just under 40% in 2015 to 60% in 2017.

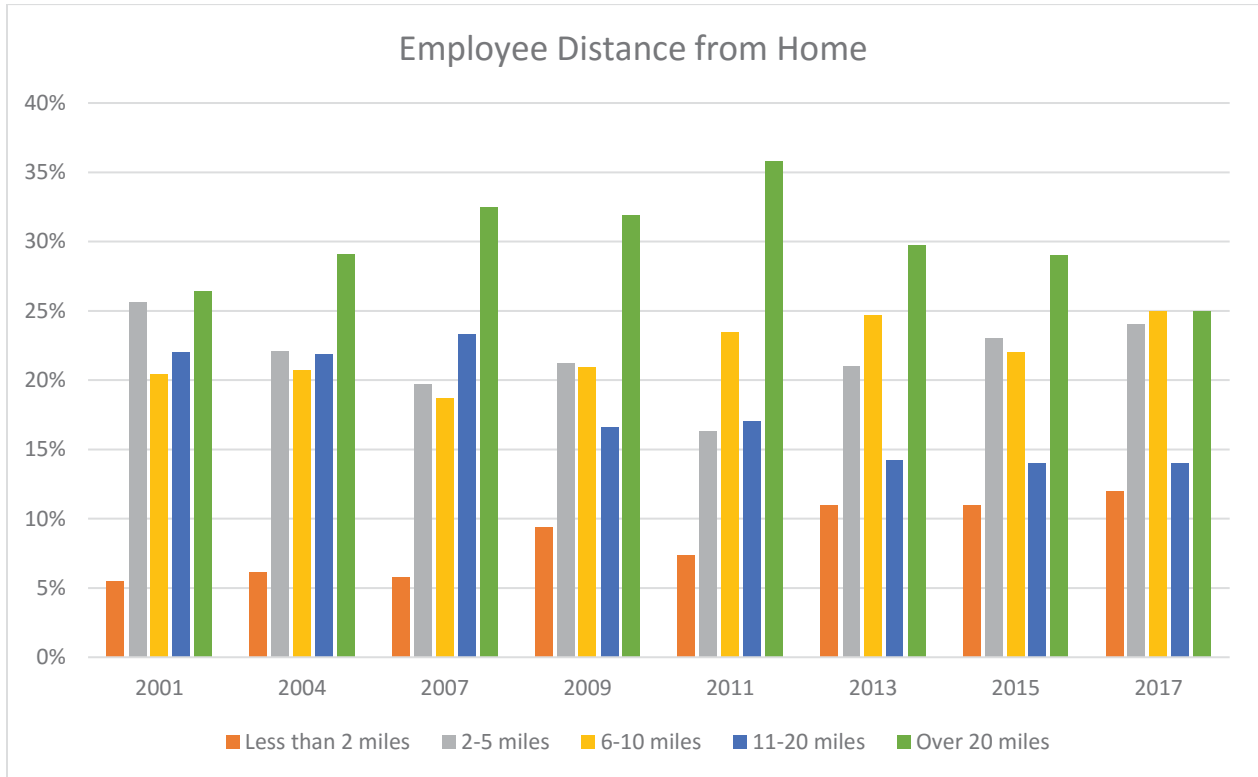


Distance from UNC

Employees and students who drive alone and live less than five miles from campus are at 26% and 74%, which is consistent with past surveys. Respondents living less than five miles from campus place the survey respondents within the Chapel Hill-Carrboro area and a number of different transportation options. The number of employees living within five miles increased slightly to 36% from 2015’s 34%. Those living over 20 miles away decreased in 2017 to 25% from 2015’s 29%.

Employees residing less than two miles up to 10 miles all increased compared the 2015 survey. Despite residing closer to campus and have a higher number of transportation options, people still chose to drive alone to campus. Consistently low gas prices and the use of free or private parking arrangements may explain this increase.

See the chart below for historical details:



The top four reasons employees living less than five miles from campus gave for not bicycling more to campus include: Too far to bike, the roads to campus are unsafe, lack of bike lanes or paths on route, and there is no place to shower at work. Students indicated that it is too far to bike, the route to campus is too hilly/biking is too difficult, roads to campus are unsafe, and there is a lack of bike lanes/separated paths on their route.

Dedicating more transportation funding to bicycle improvements may alleviate concerns about unsafe road conditions by separating people from high speed motor vehicle traffic. The increased affordability and usage of electric assist bicycles may alleviate those who think cycling is too difficult. Twenty percent of employees who stop on the way to work do so to drop off and pick up children. Increasing the connectivity and safety of cycling infrastructure coupled with flexible schedules may facilitate those parents to ride with or take their children to school by bicycle.

The shift in employees driving alone and decrease in those who used Park & Ride continued compared to the 2015 Survey. The three most popular Park & Ride lots remain the Friday Center, Southern Village, and Southpoint Mall.

APPENDIX 1: SUMMARY OF SURVEY RESPONSES

Employee Responses

Employee Commuter Survey- Apr 2017

November 7th 2017, 3:01 pm EST

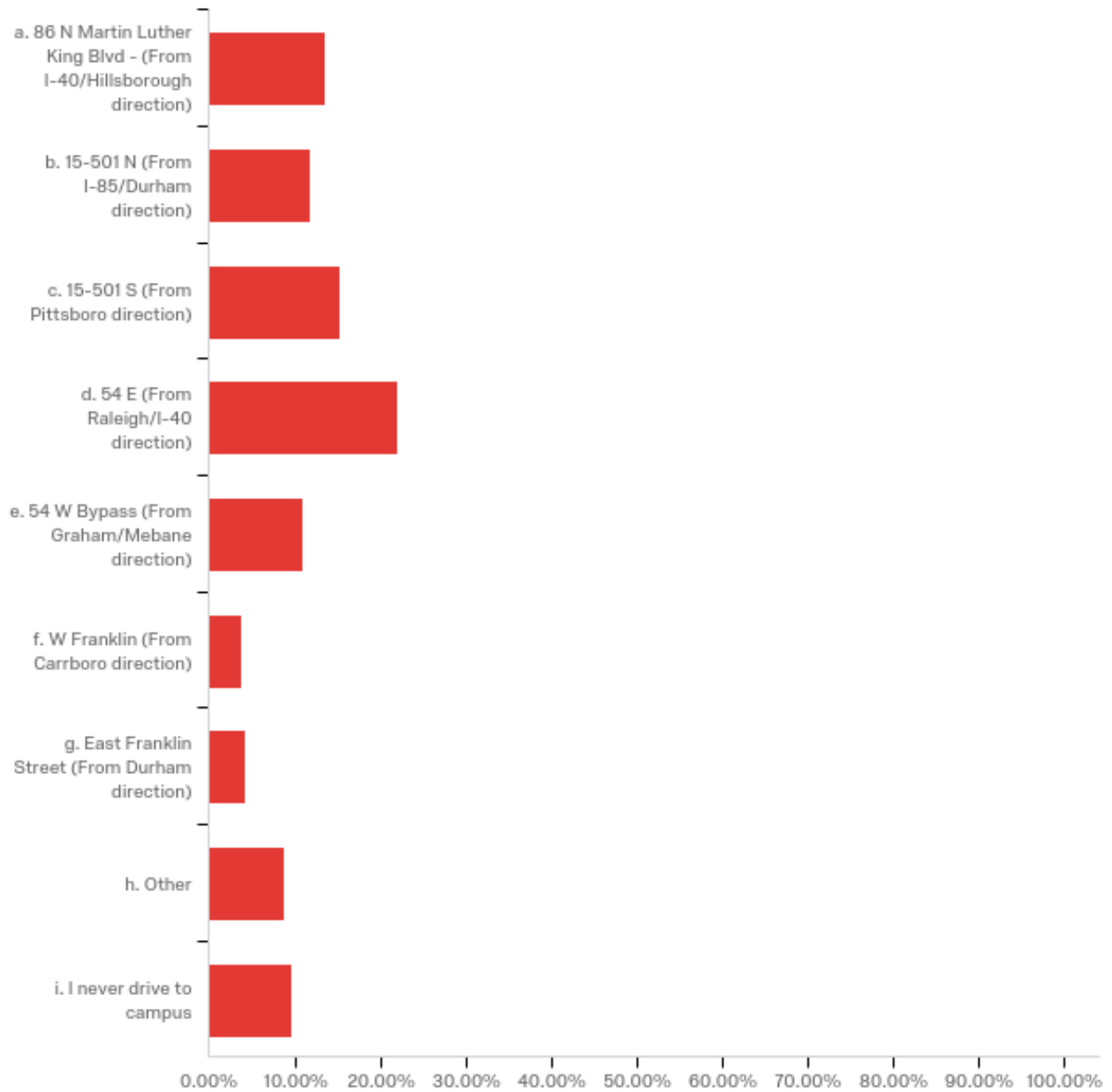
Q2 - 1. How far is it from home to your workplace?



#	Answer	%	Count
1	a. Less than 2 miles (e.g. Carrboro)	11.82%	153
2	b. 2-5 miles	24.11%	312
3	c. 6-10 miles (e.g. Durham)	24.96%	323
4	d. 11-20 miles (e.g. Hillborough, Pittsboro)	13.83%	179
5	e. 21-30 miles (e.g. Raleigh, Cary, Efland, Mebane, Apex)	16.07%	208
6	f. Over 30 miles (e.g. Burlington, Henderson, Roxboro, Greensboro)	9.20%	119
	Total	100%	1294

Q3 - 2. When you drive, what major road do you use to approach campus?

#	Answer	Count
9	i. I never drive to campus	124
8	h. Other	114
7	g. East Franklin Street (From Durham direction)	54
6	f. W Franklin (From Carrboro direction)	50
5	e. 54 W Bypass (From Graham/Mebane direction)	142
4	d. 54 E (From Raleigh/I-40 direction)	284
3	c. 15-501 S (From Pittsboro direction)	197
2	b. 15-501 N (From I-85/Durham direction)	152
1	a. 86 N Martin Luther King Blvd - (From I-40/Hillsborough direction)	175
	Total	1292

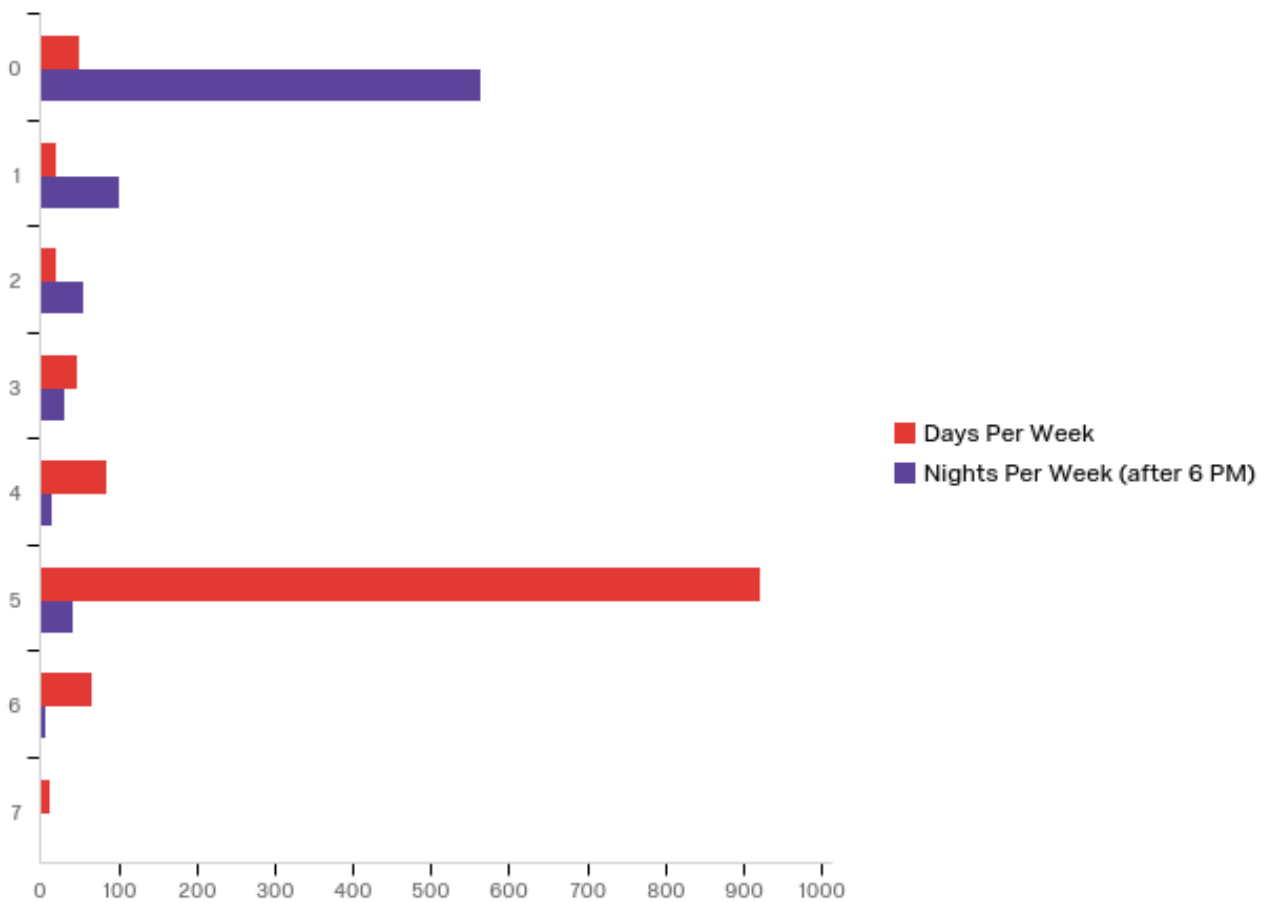


Q4 - 3. When you drive, what street do you use to enter campus?

#	3. When you drive, what street do you use to enter campus?	Percentage
9	i. I never drive to campus	7.48%
8	h. Cameron Ave	8.75%
7	g. Raleigh Rd/South Rd	23.44%
6	f. Manning Dr	19.30%
5	e. Hillsborough/Raleigh St	6.49%
4	d. McCauley St	2.52%
3	c. Mason Farm Rd	6.04%
2	b. S. Columbia	17.58%
1	a. N. Columbia	8.39%
	Total	1109

Q5 - 4. In a typical week, how often do you commute (by car, bus, bicycle, etc.) to UNC?

#	Question	0	1	2	3	4	5	6	7	Total
1	Days Per Week	50	21	21	46	85	922	65	12	1222
2	Nights Per Week (after 6 PM)	564	102	54	31	14	42	6	1	814



Q6 - 5. How often do you leave the campus during the day for work-related reasons?

#	5. How often do you leave the campus during the day for work-related reasons?	Percentage
1	a. Never	16.67%
2	b. Rarely	57.82%
3	c. Once per day	4.66%
4	d. Twice per day	1.42%
5	e. Three or more times per day	0.95%
6	f. Once per week	8.14%
7	g. Twice per week	6.40%
8	h. Three or more times per week	3.95%
	Total	1266

Q7 - 5a. If you leave campus during the day for work-related reasons, where do you go?

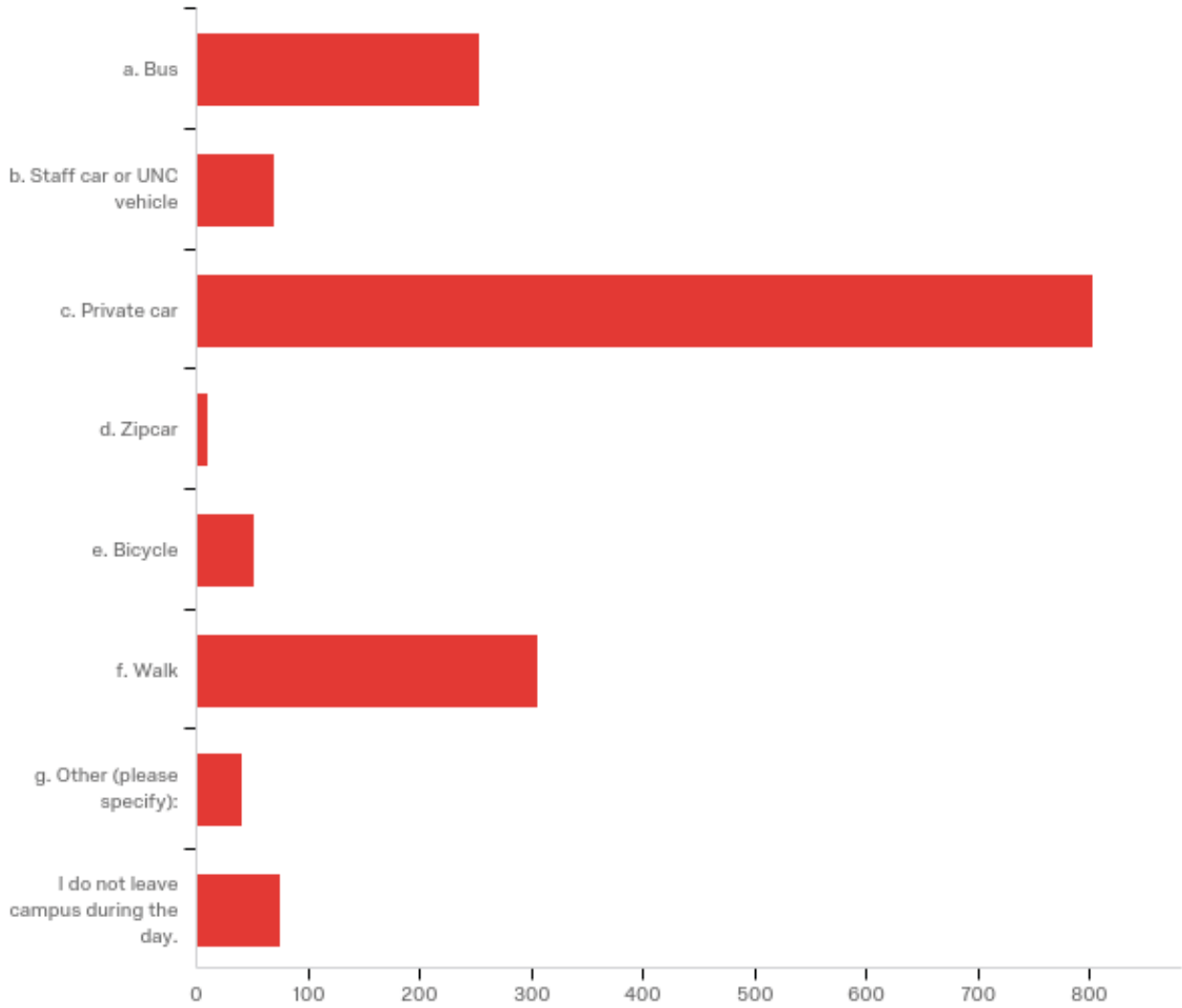
#	5a. If you leave campus during the day for work-related reasons, where do you go? - Selected Choice	Percentage
1	a. Friday Center	12.38%
2	b. Hedrick Office Bldg.	0.35%
3	c. Administrative Office Bldg.	18.17%
4	d. Facilities (Horney Bldg.)	4.86%
5	e. Frank Porter Graham	1.16%
6	f. Other (please specify):	63.08%
	Total	864

Q8 - 5b. If you leave campus during the day, where do you usually go? Please select all that apply.

#	5b. If you leave campus during the day, where do you usually go? Please select all that apply. - Selected Choice	Percentage
1	a. Restaurant	24.87%
2	b. Bank/Credit Union	14.10%
3	c. Grocery Store	5.82%
4	d. Drug Store	6.26%
5	e. Dry Cleaner	0.92%
6	f. Gym/Fitness Center	2.54%
7	g. Other Shopping	3.28%
8	h. Personal Appointments (Doctor, Dentist, Attorney, etc.)	33.19%
9	j. Other (please specify):	8.06%
10	Click to write Choice 10	0.96%
	Total	2284

Q9 - 5c. How do you travel when you go off campus during the day?

#	5c. How do you travel when you go off campus during the day? - Selected Choice	Percentage
1	a. Bus	15.74%
2	b. Staff car or UNC vehicle	4.36%
3	c. Private car	49.97%
4	d. Zipcar	0.62%
5	e. Bicycle	3.17%
6	f. Walk	18.98%
7	g. Other (please specify):	2.49%



Q10 - 6. How do you typically travel to work? Choose one option for each day. If you use more than one type of transportation on a single day, check the type you use for the longest distance of your trip.

#	Question	Mon.	Tues.	Wed.	Thurs.	Fri.	Sa.	Sun.
1	a. Drive Alone (NOT PARK & RIDE)	63.90%	64.35%	64.30%	63.82%	63.32%	38.06%	32.18%
2	b. Park & Ride (served by Chapel Hill Transit)	5.73%	5.31%	5.47%	5.34%	5.15%	0.68%	0.74%
3	c. Carpool	4.02%	4.71%	4.44%	4.31%	4.63%	0.68%	1.24%
4	d. Vanpool	0.68%	0.69%	0.68%	0.69%	0.52%	0.00%	0.00%
5	e. Local Bus (Chapel Hill Transit)	8.90%	9.08%	8.88%	9.04%	8.21%	1.58%	0.25%
12	g. Regional Bus (Triangle Transit, PART, Chatham Transit)	5.90%	6.17%	6.15%	6.37%	6.20%	1.80%	0.74%
6	g. Motorcycle/Scooter	0.43%	0.34%	0.51%	0.43%	0.35%	0.23%	0.25%
7	h. Walk	1.80%	1.63%	2.13%	1.81%	2.18%	2.25%	2.23%
8	i. Bicycle	4.02%	4.11%	3.84%	4.13%	3.93%	1.13%	0.99%
9	j. Dropped off by Friend/Spouse	1.63%	1.54%	1.37%	1.46%	1.40%	0.23%	0.00%
10	k. Telework from home	1.28%	0.60%	0.85%	0.86%	1.83%	4.05%	4.21%
11	l. Other (Please list, the space will expand as you type):	1.37%	1.29%	1.28%	1.29%	1.31%	0.45%	0.74%
19	m. I do not work on this day	0.34%	0.17%	0.09%	0.43%	0.96%	48.87%	56.44%
	Total	1169	1167	1171	1161	1145	444	404

Q11 - 6a. When you are on campus, how do you typically travel?

#	6a. When you are on campus, how do you typically travel? - Selected Choice	Percentage
1	a. Bus	7.88%
2	b. UNC Vehicle	4.92%
3	c. Private Vehicle	12.54%
4	d. Bicycle	2.12%
5	e. Walk	71.02%
7	f. Motorcycle/Scooter	0.08%
6	g.. Other	1.44%
	Total	1180

Q12 - 7. If you do not usually walk or bicycle to campus, please indicate below the reasons you don't use these transportation options to get to campus or don't use them more often. (Mark up to three reasons.)

#	7. If you do not usually walk or bicycle to campus, please indicate below the reasons you don't use these transportation options to get to campus or don't use them more often. (Mark up to three reasons.) - Selected Choice	Percentage
1	Too far to walk	26.37%
2	Too far to bike	17.92%
6	Route to campus is too hilly or difficult to ride a bike	4.08%
5	Roads to campus are unsafe for biking (too much traffic, speed limit too high)	8.74%
11	Other reasons (specify)	6.39%
3	No sidewalks / incomplete sidewalks on the route between my home and work	5.19%
8	No place to shower when I get to work	4.66%
9	No place to park a bike at my destination	0.33%
10	No bicycle maintenance station	0.12%

7	Lack of bike lanes or separated off-road paths on the route between my home and campus	5.15%
13	I usually walk or bike to campus	2.51%
4	Intersections are unsafe to cross on the route between my home and work	3.34%
12	I live more than 10 miles from work	15.20%
	Total	2427

Q13 - 8. Following is a list of services or programs available to commuters in the Triangle area. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

#	Question	Aware and have used	Aware but have not used	Not Aware	Total
1	a. Emergency Ride Home Program	28	412	676	1116
2	b. GoTriangle.org website	276	550	289	1115
3	c. Online ridematching service (Share The Ride NC)	28	459	623	1110
4	d. GoPerks Incentive Program	42	257	806	1105
5	e. 919-485- RIDE (7433) transportation information.	28	253	823	1104
6	f. Real-time transit arrival system (Transloc, Nextbus)	486	237	390	1113
7	g. GoTriangle Commute Cost Calculator	39	237	830	1106
8	h. Google Maps Transit Directions	417	313	381	1111

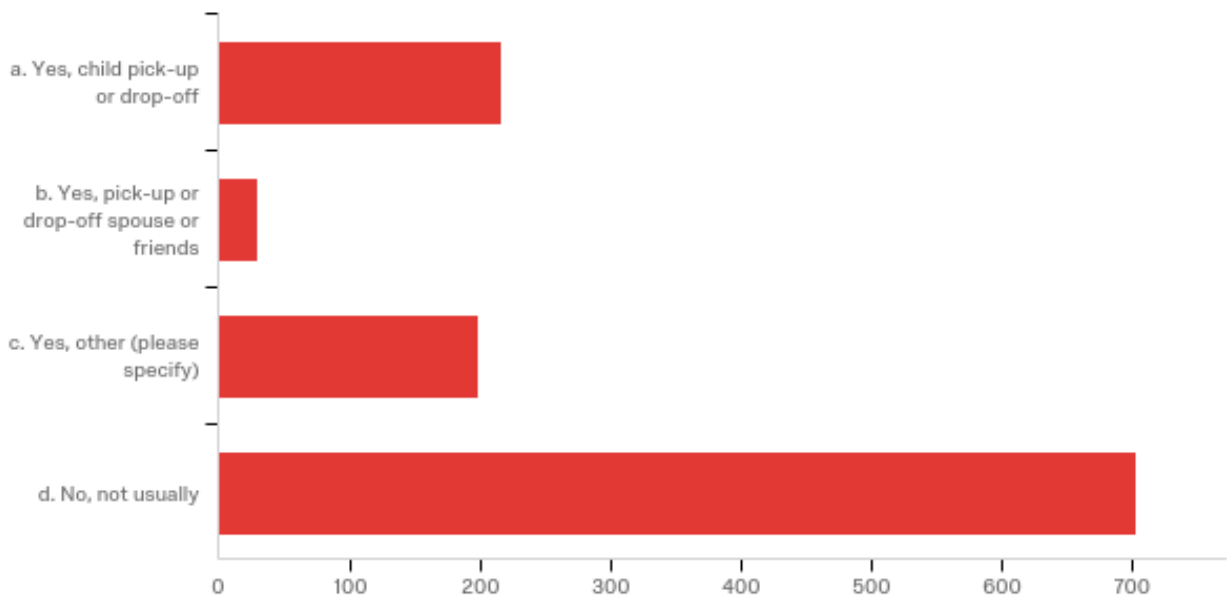
#	Question	Aware and have used		Aware but have not used		Not Aware		Total
1	a. Emergency Ride Home Program	2.51%	28	36.92%	412	60.57%	676	1116
2	b. GoTriangle.org website	24.75%	276	49.33%	550	25.92%	289	1115
3	c. Online ridematching service (Share The Ride NC)	2.52%	28	41.35%	459	56.13%	623	1110
4	d. GoPerks Incentive Program	3.80%	42	23.26%	257	72.94%	806	1105
5	e. 919-485- RIDE (7433) transportation information.	2.54%	28	22.92%	253	74.55%	823	1104
6	f. Real-time transit arrival system (Transloc, Nextbus)	43.67%	486	21.29%	237	35.04%	390	1113
7	g. GoTriangle Commute Cost Calculator	3.53%	39	21.43%	237	75.05%	830	1106
8	h. Google Maps Transit Directions	37.53%	417	28.17%	313	34.29%	381	1111

Q14 - 8b. Following is a list of services or programs available to UNC employees. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

#	Question	Aware and have used	Aware but have not used	Not Aware	Total
1	a. CAP commuter benefits (carpool/vanpool, bike, walk, transit)	24.10%	47.85%	28.05%	1116
2	b. GoPass (Free Annual Triangle Transit bus pass)	14.44%	43.86%	41.70%	1115
3	c. Pittsboro Express (Free annual bus pass)	1.00%	37.44%	61.56%	1103
4	d. Vanpool \$20 monthly subsidy	1.81%	38.28%	59.91%	1105
5	e. Zipcar car share	4.43%	61.30%	34.27%	1106
6	f. CAP member Zipcar discount	1.99%	33.79%	64.22%	1104
7	g. CAP local merchant discounts	6.77%	35.11%	58.12%	1108
8	h. Bicycle registration, U-Lock coupon	4.63%	32.12%	63.25%	1102
9	i. Bicycle facilities (bike lockers, clothing lockers, showers)	3.54%	29.92%	66.55%	1103
10	j. P2P Emergency Ride Back (in Chapel Hill and Carrboro)	2.08%	48.46%	49.46%	1106
11	k. Point – to – Point (P2P) Campus Transit	9.67%	62.96%	27.37%	1107

Q15 - 9. Do you stop on the way to or from work on most days?

#	9. Do you stop on the way to or from work on most days? - Selected Choice	Percentage
1	a. Yes, child pick-up or drop-off	18.89%
2	b. Yes, pick-up or drop-off spouse or friends	2.61%
3	c. Yes, other (please specify)	17.32%
4	d. No, not usually	61.18%
	Total	1149



Q17 - 11. How important are each of the following factors in how you choose to get to work (e.g., car, bus, etc.)?

#	Question	Very Little	Somewhat	A Great Deal	Don't Know	Total
1	1 Financial incentive (allowance/subsidy) to carpool/vanpool	628	212	117	105	1062
2	2 Reserved or preferential parking at work for carpools/vanpools	634	175	128	121	1058
3	3 Financial incentive (subsidy) to use a bus, e.g., GoPass	516	252	235	59	1062
4	4 More frequent bus service to my work site	382	204	424	52	1062
6	5 Faster bus service to my work site	388	221	399	52	1060
7	6 Park-and-ride lots near my home (to meet carpool, vanpool, or bus)	483	218	300	53	1054
8	7 Flexibility in work hours to accommodate carpool, vanpool, or bus schedules	440	186	378	53	1057
9	8 Free ride home in case of emergencies for employees who carpool / vanpool / ride buses	435	223	324	76	1058
10	9 Bike lanes or off-road paths connecting my home and work	582	144	266	70	1062
11	10 Sidewalks connecting my home and work	585	168	244	54	1051
12	11 Secure parking at work for bikes	642	173	167	69	1051
13	12 Showers/locker room at work for employees who bike or walk to work	566	216	215	59	1056

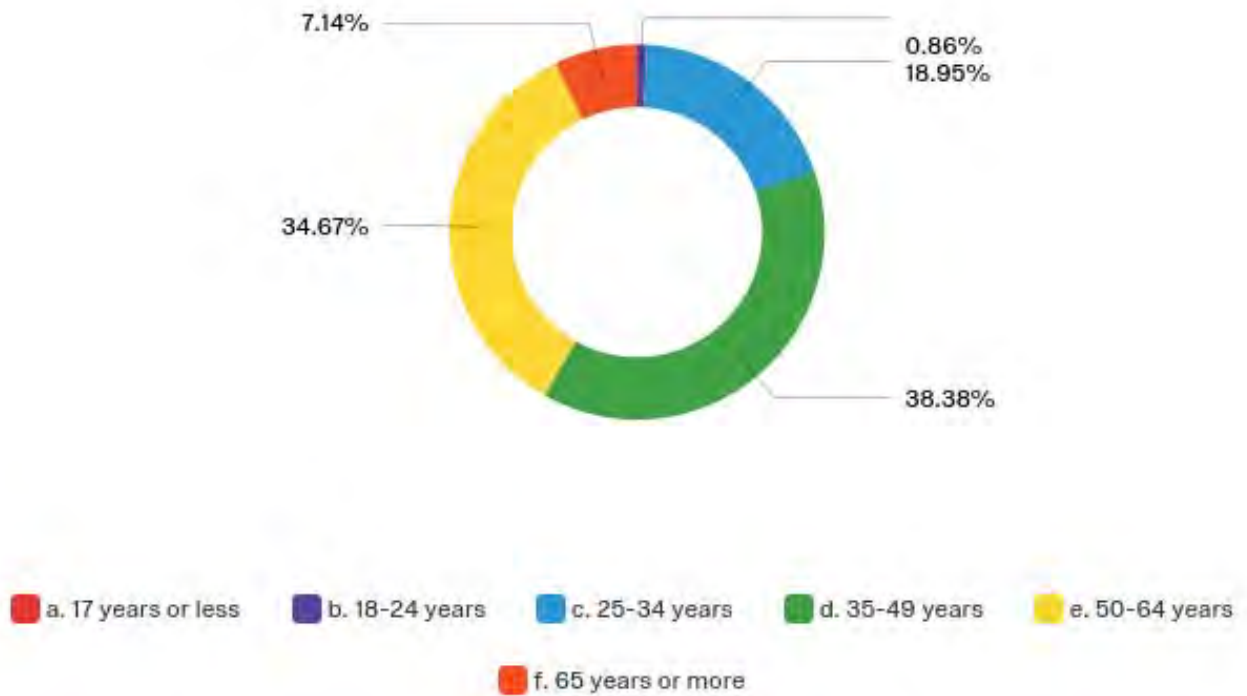
Q19 - 13. What is your gender?

#	13. What is your gender? - Selected Choice	Percentage
1	a. Male	37.51%
2	b. Female	59.73%
3	c. Non-binary/ third gender	0.00%
4	Prefer to self-describe	0.66%
5	Prefer not to say	2.09%
	Total	1053

c. Non-binary/ third gender - Text	Prefer to self-describe
	he him his
	white
	Meat Popsicle
	Woman; Female is a sex, not a gender.
	Single/divorces
	genderqueer

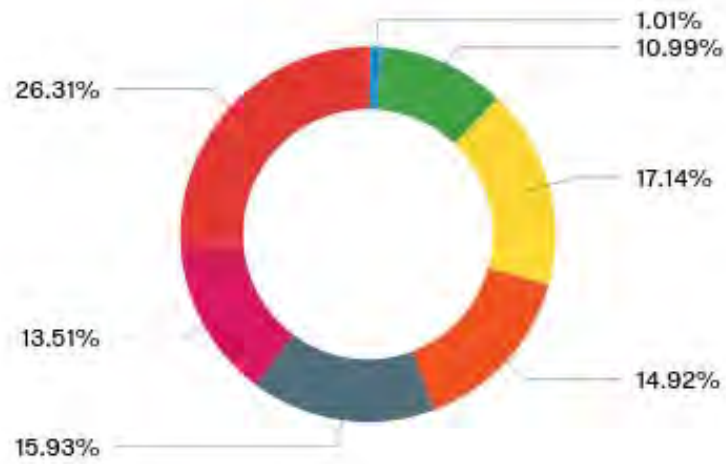
Q20 - 13. Your age is:

#	Answer	Count
1	a. 17 years or less	0
2	b. 18-24 years	9
3	c. 25-34 years	199
4	d. 35-49 years	403
5	e. 50-64 years	364
6	f. 65 years or more	75
	Total	1050



Q21 - 14. What is the combined total annual income (before taxes) of your household?

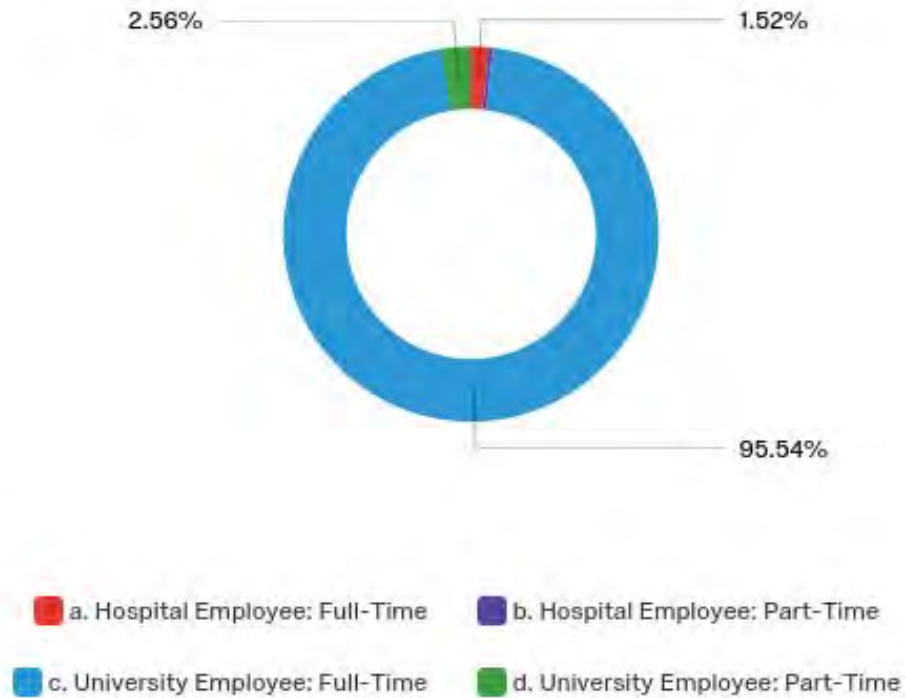
#	Answer	Count
1	a. Less than \$12,000/year	2
2	b. \$12,001 to \$25,000/year	0
3	c. \$25,001 to \$35,000/year	10
4	d. \$35,001 to \$50,000/year	109
5	e. \$50,001 to \$75,000/year	170
6	f. \$75,001 to \$95,000/year	148
7	g. \$95,001 to \$120,000/year	158
8	h. \$120,001 to \$150,000/year	134
9	i. More than \$150,000	261
	Total	992



- a. Less than \$12,000/year
 b. \$12,001 to \$25,000/year
 c. \$25,001 to \$35,000/year
- d. \$35,001 to \$50,000/year
 e. \$50,001 to \$75,000/year
 f. \$75,001 to \$95,000/year
- g. \$95,001 to \$120,000/year
 h. \$120,001 to \$150,000/year
 i. More than \$150,000

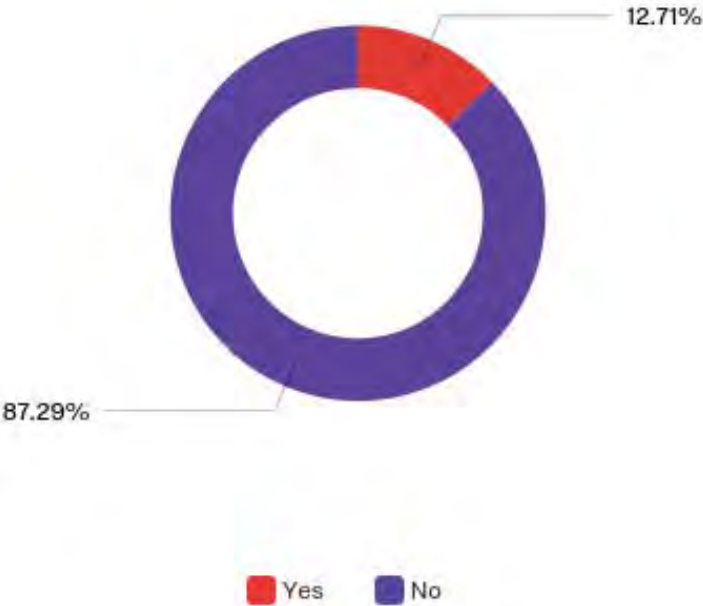
Q24 - 17. Which of the following best describes your position?

#	Answer	Count
1	a. Hospital Employee: Full-Time	16
2	b. Hospital Employee: Part-Time	4
3	c. University Employee: Full-Time	1006
4	d. University Employee: Part-Time	27
	Total	1053



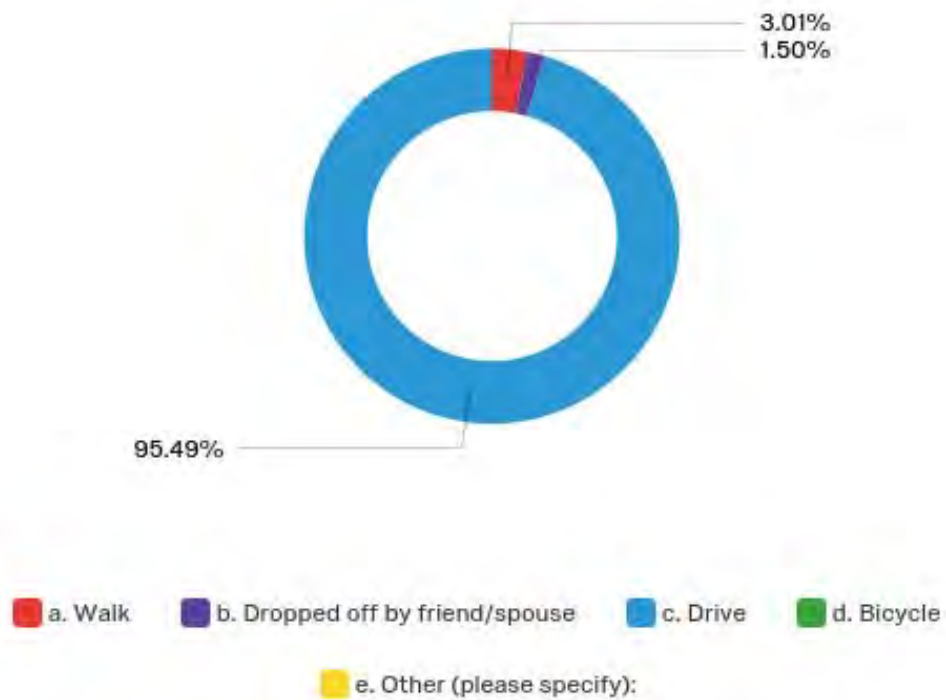
Q28 - 20. Do you Park & Ride (Park, then take the bus) to get to work at least one time per week?

#	Answer	Count
1	Yes	135
2	No	927
	Total	1062



Q29 - 21. How do you get from your home to the Park and Ride lot?

#	Answer	Count
1	a. Walk	4
2	b. Dropped off by friend/spouse	2
3	c. Drive	127
4	d. Bicycle	0
5	e. Other (please specify):	0
	Total	133



Q30 - 22. Which parking lot do you usually use?



a. Carrboro Plaza
 b. Eubanks Rd
 d. Friday Center
 e. NC 54
 f. Hedrick

g. Jones Ferry Rd
 h. Chatham County
 i. Southern Village/15-501 South

j. 725 MLK Blvd (Sheps Center)
 a. District Drive (Raleigh)

b. Durham Tech (Hillsborough)
 c. Southpoint Mall (Durham)

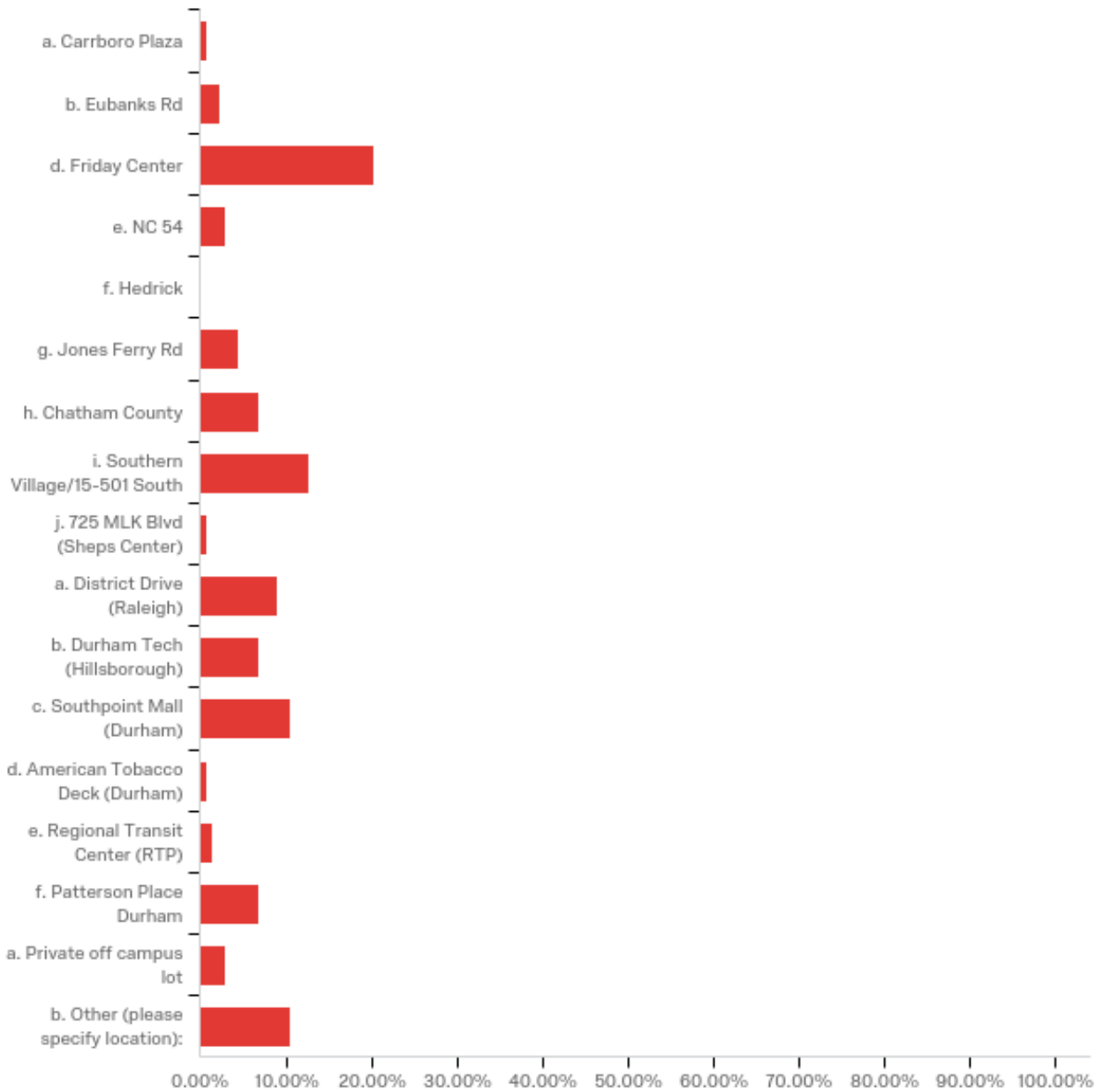
d. American Tobacco Deck (Durham)
 e. Regional Transit Center (RTP)

f. Patterson Place Durham
 a. Private off campus lot

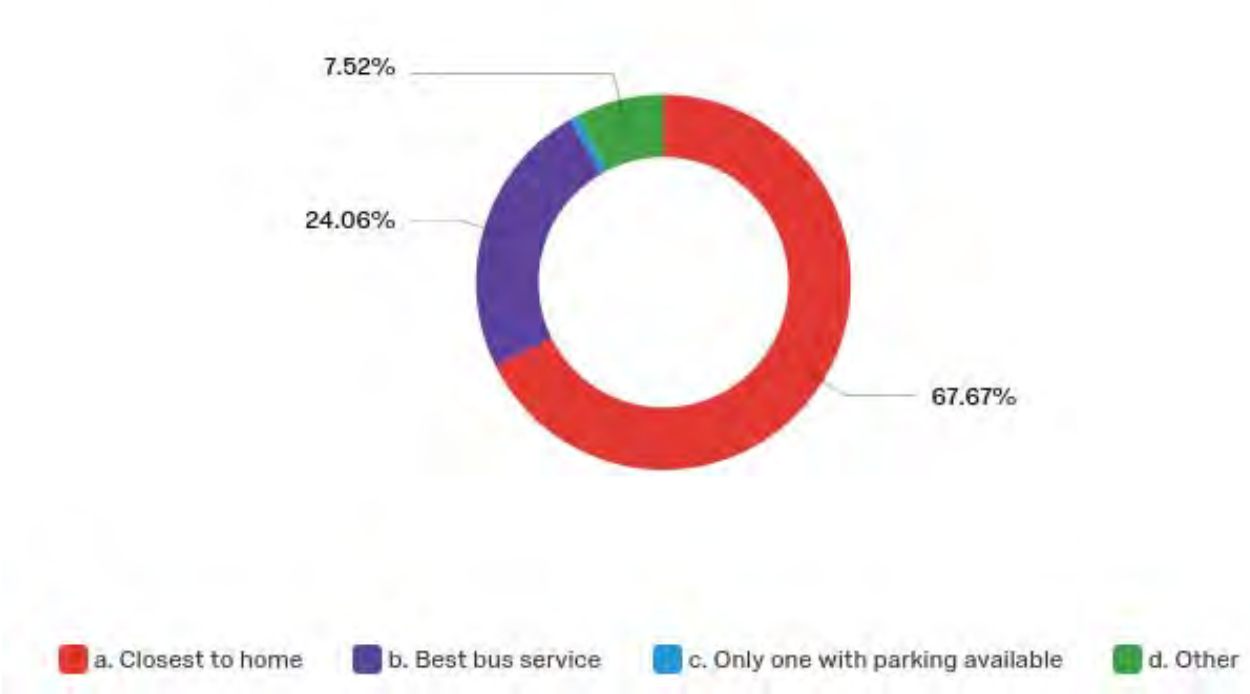
b. Other (please specify location):

a. Private off campus lot - Text	b. Other (please specify location):
	near Durham Station
	Whitherspoon/ Kroger in Durham
Mebane Cone Health	
	FREE street parking
	Elizabeth street
	Graham Park and Ride

	Street parking near bus stop on Faircloth
	Cone Health in Mebane
	The Home Depot-Hillsborough
	Part
	Home Depot
	CRX Lot in Raleigh by the art museum
	Hillsborough Parking Deck
	Mebane Cone Health
	Alamance Regional Hospital for PARTS bus



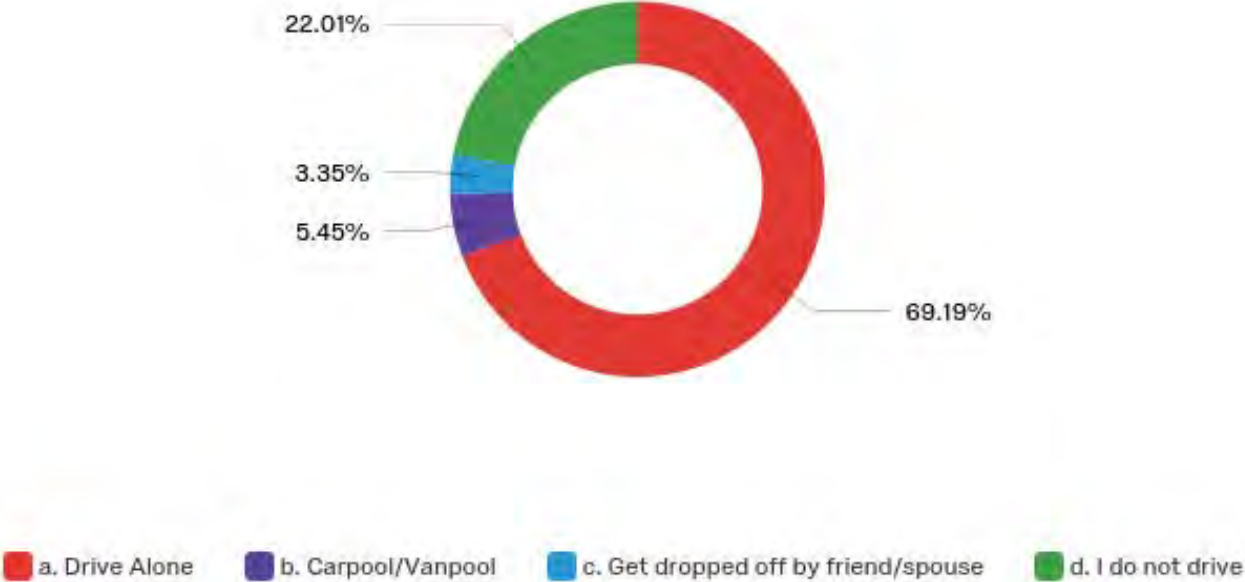
Q31 - 23. Why do you use this lot?



Q32 - 24. How long have you been using Park & Ride (any lot)?



Q34 - 24. If you drive to work (not Park & Ride) on most days, do you...?



Q35 - 25. Please check below the reasons you don't carpool, vanpool, or ride a bus to work or don't use these transportation options more often. (Mark up to three reasons.)

#	Answer	Count
1	I need vehicle during work hours for business reasons	224
2	I need vehicle during work hours for personal reasons	245
3	I need vehicle on the way to/from work for personal errands or childcare/family responsibilities	385
4	My work schedule is irregular	341
5	I want my vehicle in case of an emergency	287
6	I do not know anyone with whom to carpool or vanpool	141
7	The bus trip takes too long compared to driving my car	253
8	The bus travels near my home or workplace too infrequently	112
9	Bus stop is too far from my home or workplace	198
10	Carpooling and vanpooling require too much coordination	107
11	I do not feel safe using the bus	14
12	I am not familiar with bus schedules	38
13	Other reasons (please specify)	100
	Total	2445

Other reasons (please specify) - Text

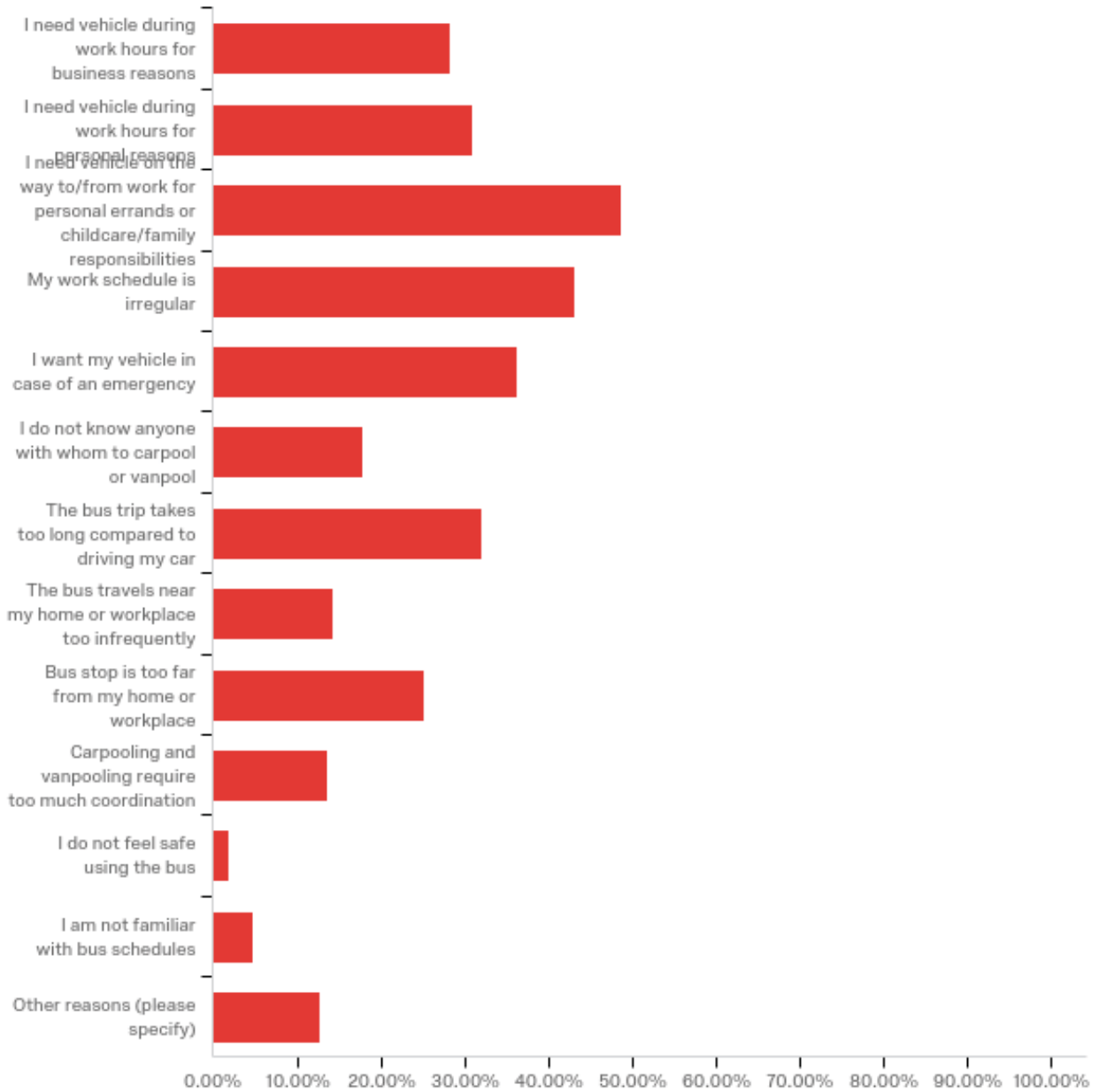
There is no bus from near/at my home to UNC campus.

health reasons

I would tke the bus the entire way- but I think they have discontinued the buses to the park aand ride lot at District drive. and its too ar to walk downtown to the transit hub in downtown raleigh.

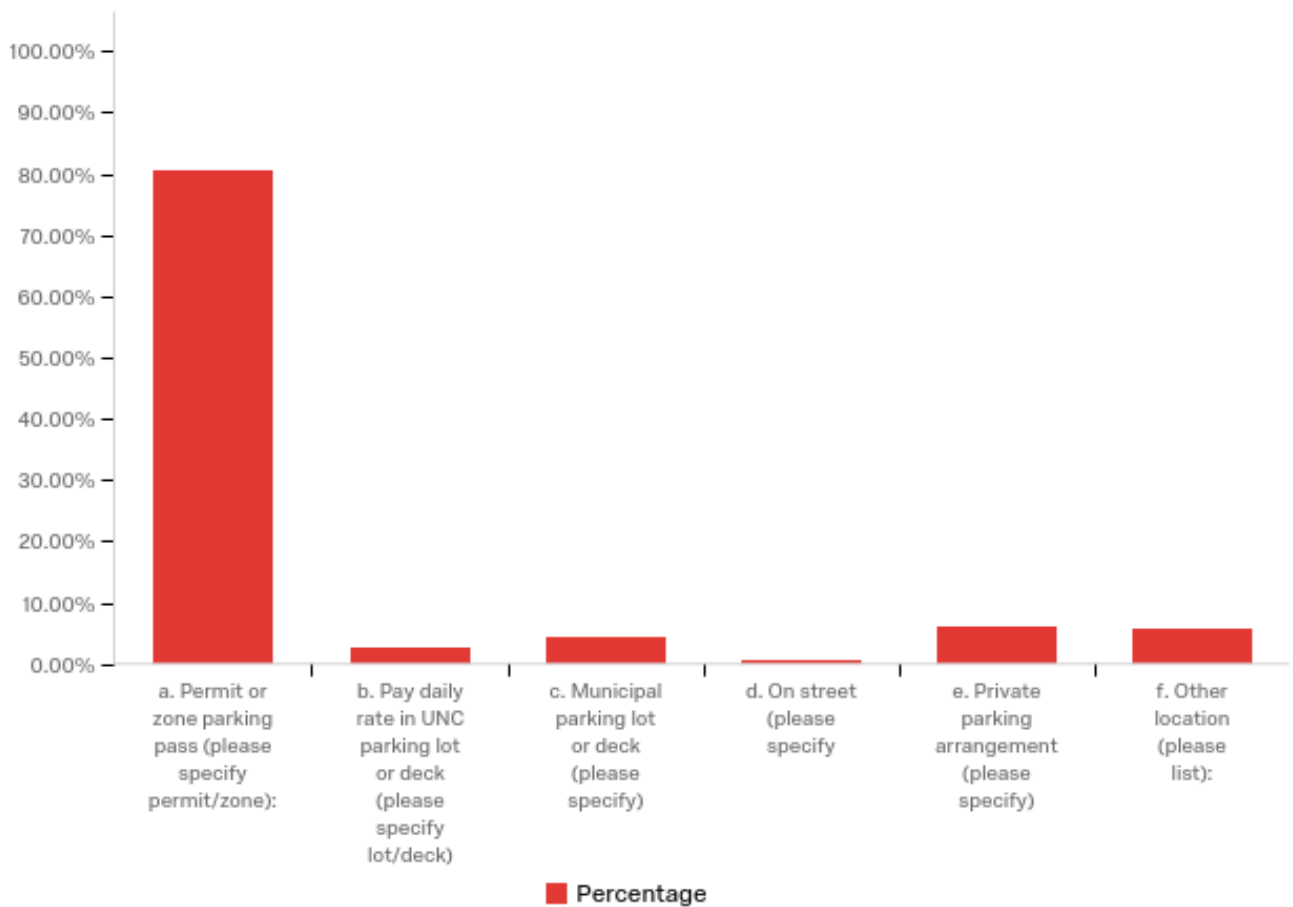
Don't know of any bus options from Raleigh

convience is the sole reason

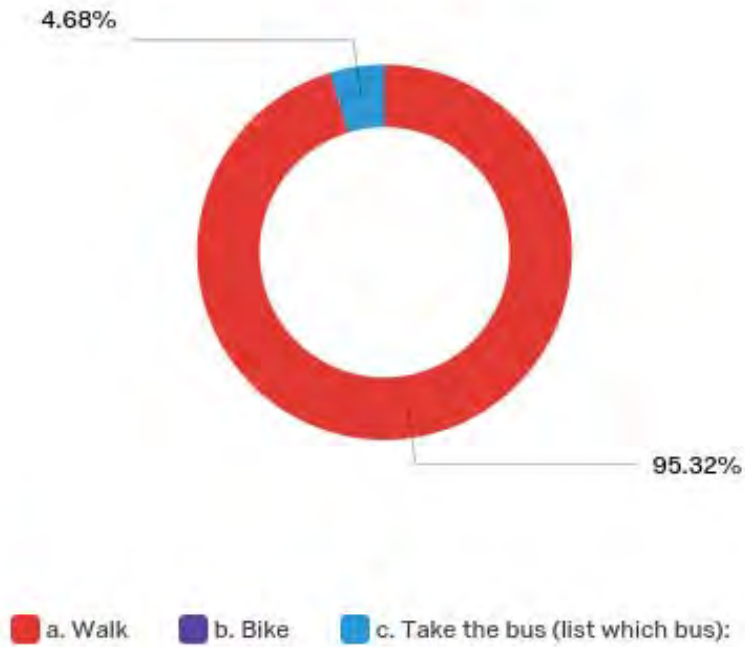


Q37 - 27. Where do you usually park?

#	27. Where do you usually park? - Selected Choice	Percentage
1	a. Permit or zone parking pass (please specify permit/zone):	80.62%
2	b. Pay daily rate in UNC parking lot or deck (please specify lot/deck)	2.71%
3	c. Municipal parking lot or deck (please specify)	4.39%
4	d. On street (please specify)	0.52%
5	e. Private parking arrangement (please specify)	6.07%
6	f. Other location (please list):	5.68%
	Total	774



Q39 - 29. How do you get from where you park to your workplace?



Student Responses

University Student Commuter Survey - Apr 2017
November 10th 2017, 9:12 am EST

Q56 - 1. How far do you live from campus?

#	Answer	%	Count
1	a. Less than 2 miles (e.g. Carrboro)	48.48%	159
2	b. 2-5 miles	26.22%	86
3	c. 6-10 miles (e.g. Durham)	12.50%	41
4	d. 11-20 miles (e.g. Hillsborough, Pittsboro)	2.74%	9
5	e. 21-30 miles (e.g. Raleigh, Cary, Efland, Mebane, Apex)	6.71%	22
6	f.. Over 30 miles (e.g. Burlington, Henderson, Roxoboro, Greensboro)	3.35%	11
	Total	100%	328

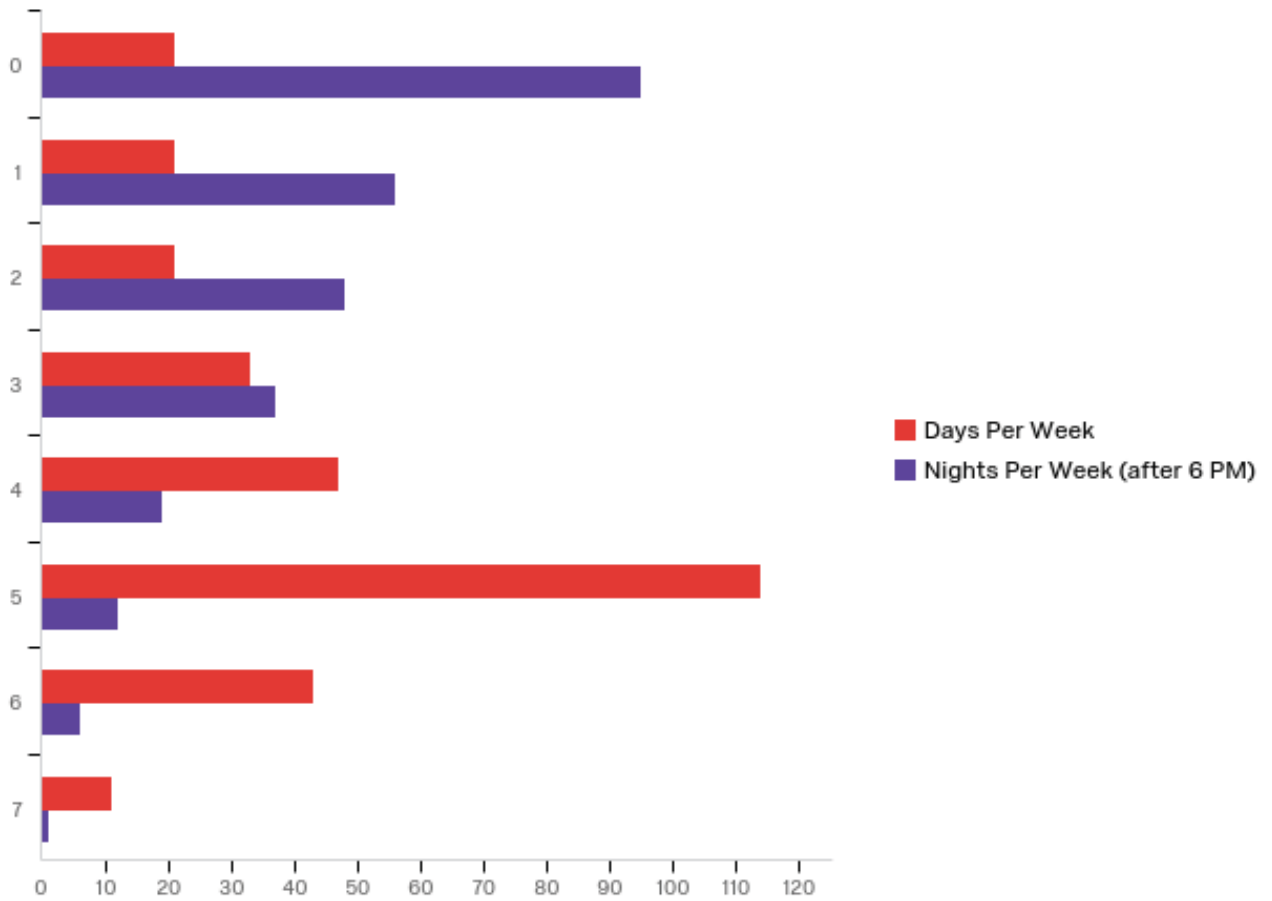
Q4 - 2. When you drive, what major road do you use to approach campus?

#	Answer	%	Count
1	a. Route 86 / N Martin Luther King Blvd - (From I-40/Hillsborough direction)	15.90%	52
2	b. 15-501 N (From I-85/Durham direction)	7.34%	24
3	c. 15-501 S (From Pittsboro direction)	10.09%	33
4	d. 54 E (From Raleigh/I-40 direction)	19.88%	65
5	e. 54 W Bypass (From Graham/Mebane direction)	6.12%	20
6	f. W Franklin (From Carrboro direction)	14.07%	46
7	g. East Franklin Street (From Durham direction)	4.59%	15
9	h. I never drive to campus	17.43%	57
8	i. Other	4.59%	15
	Total	100%	327

Q5 - 3. When you drive, what street do you use to enter campus?

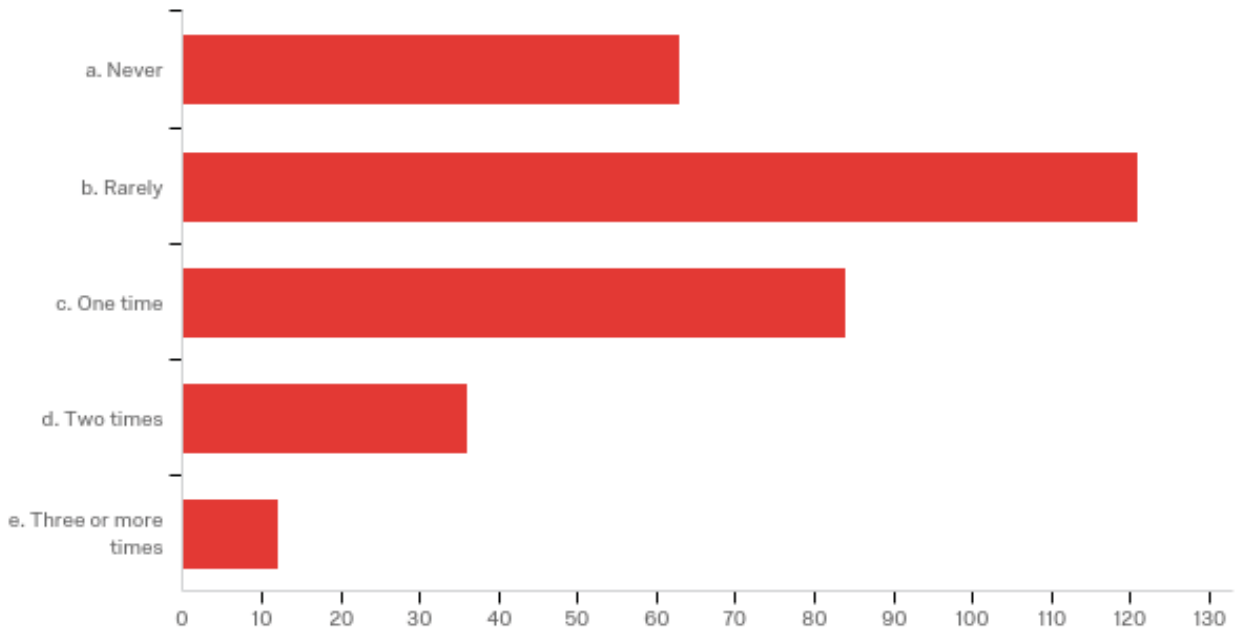
#	Answer	%	Count
1	a. N. Columbia	17.49%	46
2	b. S. Columbia	15.97%	42
3	c. Mason Farm Rd	1.90%	5
4	d. McCauley St	3.04%	8
5	e. Hillsborough/Raleigh St	9.89%	26
6	f. Manning Dr	18.25%	48
7	g. Raleigh Rd/South Rd	19.01%	50
8	h. Cameron Ave	12.93%	34
9	i. I Never Drive to Campus	1.52%	4
	Total	100%	263

Q6 - 4. In a typical week, how often do you come to campus?



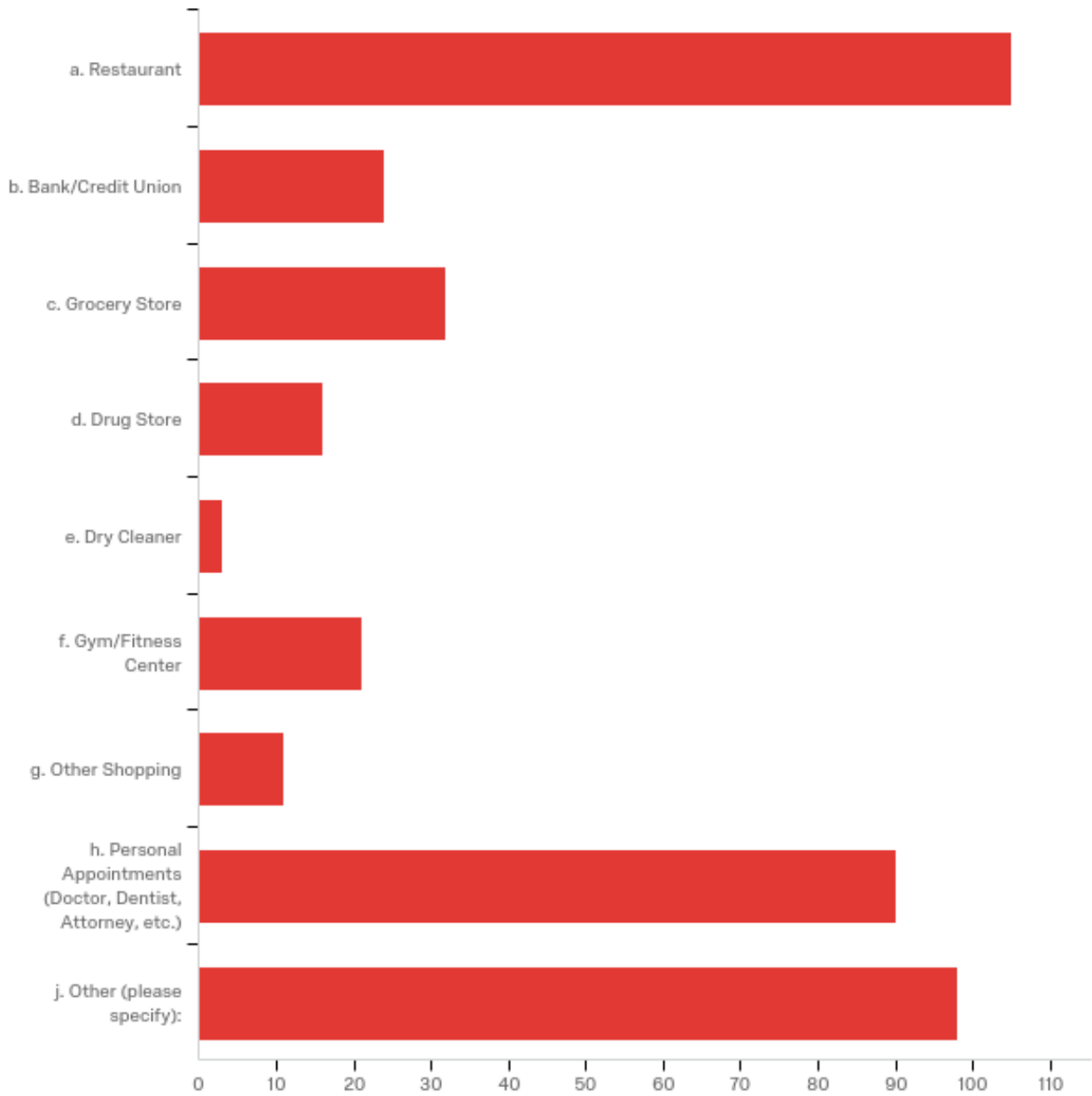
#	Question	0	1	2	3	4	5	6	7	Total		
1	Days Per Week	6.75 21%	6.75 21%	6.75 21%	10.6 33%	15.1 47%	36.6 66%	11.1 33%	4 12%	3.5 11%	1 3%	31 100%
2	Nights Per Week (after 6 PM)	34.6 75%	20.4 45%	17.5 38%	13.5 30%	6.93 15%	4.38 9%	2.19 5%	0.3 1%	27 100%		

Q14 - 5. How often do you leave the campus during the day?



#	Answer	%	Count
1	a. Never	19.94%	63
2	b. Rarely	38.29%	121
3	c. One time	26.58%	84
4	d. Two times	11.39%	36
5	e. Three or more times	3.80%	12
	Total	100%	316

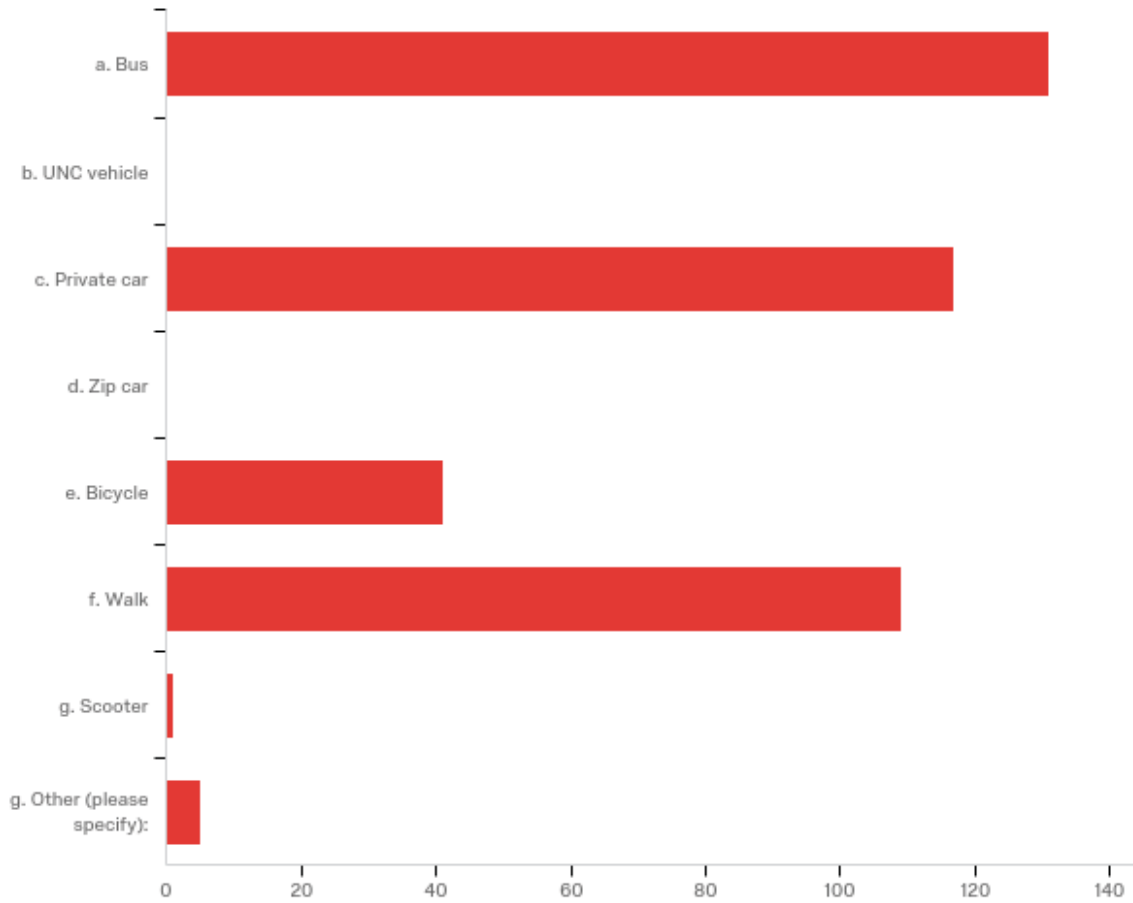
Q8 - 5a. If you leave campus during the day, where do you usually go?



#	Answer	%	Count
1	a. Restaurant	26.25%	105
2	b. Bank/Credit Union	6.00%	24
3	c. Grocery Store	8.00%	32

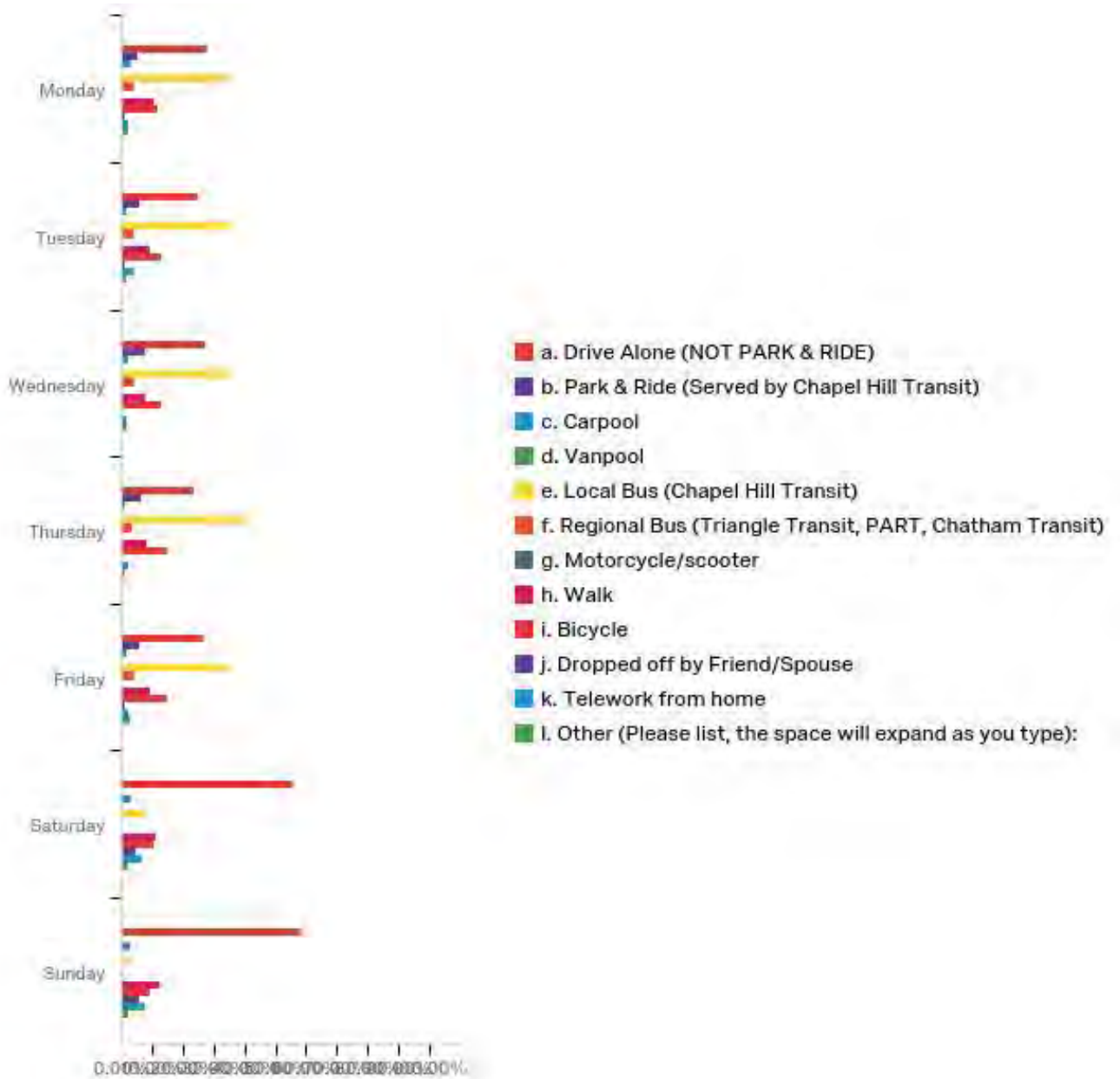
4	d. Drug Store	4.00%	16
5	e. Dry Cleaner	0.75%	3
6	f. Gym/Fitness Center	5.25%	21
7	g. Other Shopping	2.75%	11
8	h. Personal Appointments (Doctor, Dentist, Attorney, etc.)	22.50%	90
9	j. Other (please specify):	24.50%	98
	Total	100%	400

Q10 - 5b. How do you travel when you go off campus?



#	Answer	%	Count
1	a. Bus	32.43%	131
2	b. UNC vehicle	0.00%	0
3	c. Private car	28.96%	117
4	d. Zip car	0.00%	0
5	e. Bicycle	10.15%	41
6	f. Walk	26.98%	109
8	g. Scooter	0.25%	1
7	g. Other (please specify):	1.24%	5
	Total	100%	404

Q11 - 6. How do you typically travel to campus? Choose one option for each day. If you use more than one type of transportation on a single day, check the type you use for the longest distance of your trip.



l. Other (Please list, the space will expand as you type):

l. Other (Please list, the space will expand as you type): - Text

Lux Shuttle

not working

Uber

Park and Ride lot served by Go Triangle

Don't go to campus this day

No classes so I do not travel to campus these days

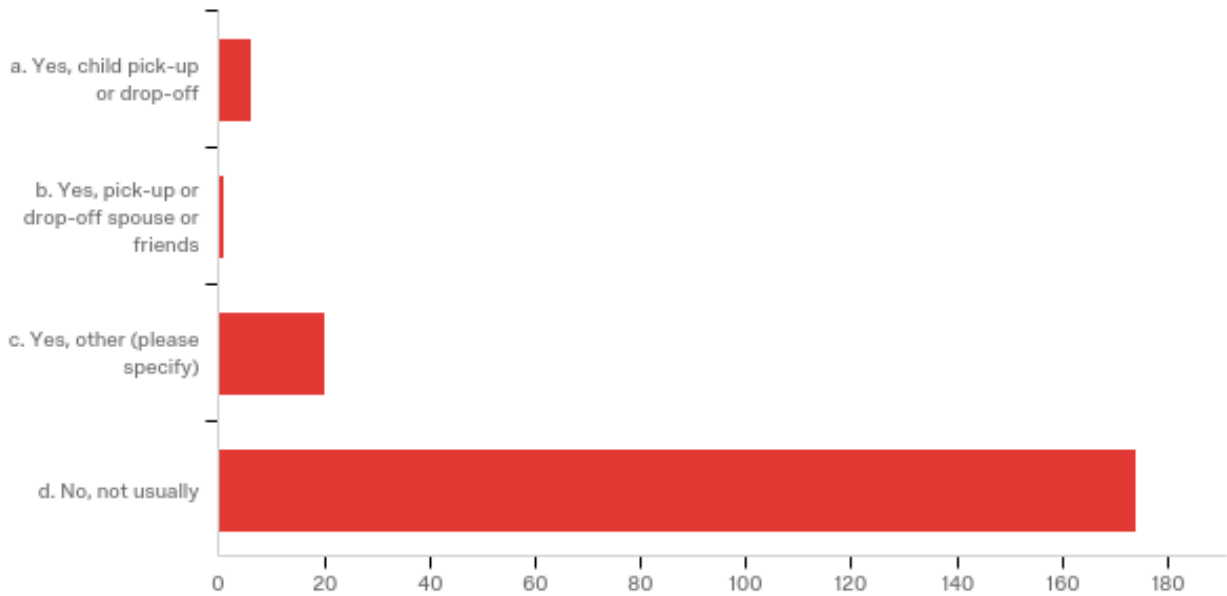
#	Question	Mon day		Tues day		Wedn esday		Thur sday		Frid ay		Satur day		Sun day	
1	a. Drive Alone (NOT PARK & RIDE)	27.5 1%	5 2	24.7 3%	4 6	27.03 %	5 0	23.7 6%	4 3	26.5 1%	4 4	55.5 6%	6 0	58.3 3%	6 3
2	b. Park & Ride (Served by Chapel Hill Transit)	4.76 %	9	5.91 %	1 1	7.57%	1 4	6.08 %	1 1	5.42 %	9	0.00 %	0	0.00 %	0
3	c. Carpool	2.65 %	5	1.61 %	3	2.16%	4	1.10 %	2	1.20 %	2	2.78 %	3	2.78 %	3
4	d. Vanpool	0.00 %	0	0.00 %	0	0.00%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0
5	e. Local Bus (Chapel Hill Transit)	33.8 6%	6 4	35.4 8%	6 6	35.14 %	6 5	40.3 3%	7 3	34.9 4%	5 8	7.41 %	8	2.78 %	3
1 2	f. Regional Bus (Triangle Transit, PART, Chatham Transit)	3.70 %	7	3.76 %	7	3.78%	7	3.31 %	6	3.61 %	6	0.00 %	0	0.00 %	0
6	g. Motorcycle /scooter	0.00 %	0	0.00 %	0	0.00%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0
7	h. Walk	10.5 8%	2 0	9.14 %	1 7	7.57%	1 4	7.73 %	1 4	9.04 %	1 5	11.1 1%	1 2	12.0 4%	1 3
8	i. Bicycle	11.6 4%	2 2	12.9 0%	2 4	12.97 %	2 4	14.3 6%	2 6	14.4 6%	2 4	10.1 9%	1 1	9.26 %	1 0
9	j. Dropped off by Friend/Spo use	1.06 %	2	1.08 %	2	0.54%	1	0.00 %	0	0.60 %	1	4.63 %	5	5.56 %	6

10	k. Telework from home	2.12 %	4	3.76 %	7	1.62%	3	2.21 %	4	1.81 %	3	6.48 %	7	7.41 %	8
11	l. Other (Please list, the space will expand as you type):	2.12 %	4	1.61 %	3	1.62%	3	1.10 %	2	2.41 %	4	1.85 %	2	1.85 %	2
	Total	Total	189	Total	186	Total	185	Total	181	Total	166	Total	108	Total	108

Q44 - 6a. If you do not usually walk or bicycle to campus, please indicate below the reasons you don't use these transportation options to get to campus or don't use them more often. (Mark up to three reasons.)

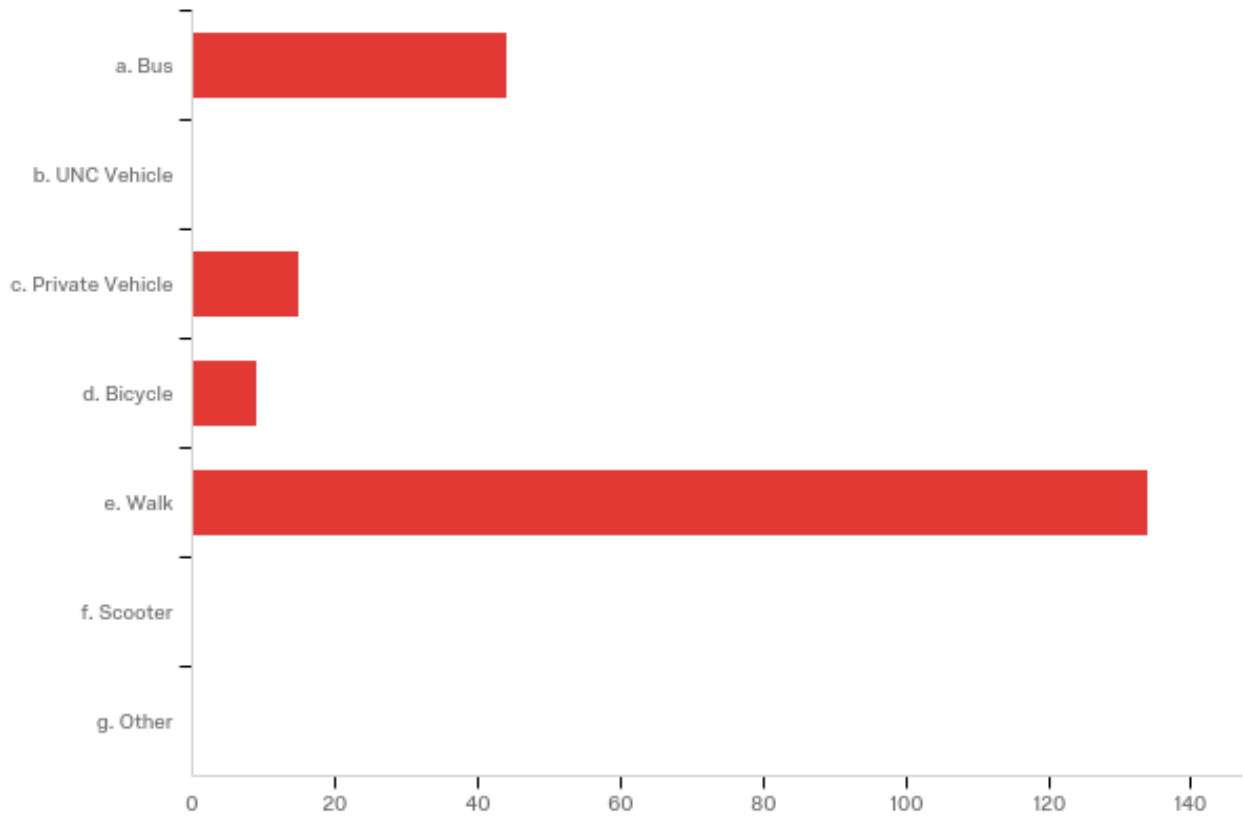
#	Answer	%	Count
12	I usually walk or bicycle to campus	8.21%	32
1	Too far to walk	27.95%	109
2	Too far to bike	16.92%	66
3	No sidewalks / incomplete sidewalks on the route between my home and campus	7.44%	29
4	Intersections are unsafe to cross on the route between my home and campus	3.85%	15
5	Roads to campus are unsafe for biking (too much traffic, speed limit too high)	6.67%	26
6	Route to campus is too hilly or difficult to ride a bike	8.97%	35
7	Lack of bike lanes or separated off-road paths on the route between my home and campus	4.87%	19
8	No place to shower when I get to campus	4.62%	18
9	No place to park a bike at my destination	0.51%	2
11	I live more than 10 miles from campus	7.69%	30
10	Other reasons (specify)	2.31%	9
	Total	100%	390

Q16 - 7a. Do you stop on the way to or from campus on most days?



#	Answer	%	Count
1	a. Yes, child pick-up or drop-off	2.99%	6
2	b. Yes, pick-up or drop-off spouse or friends	0.50%	1
3	c. Yes, other (please specify)	9.95%	20
4	d. No, not usually	86.57%	174
	Total	100%	201

Q59 - 8. How do you typically travel on campus



#	Answer	%	Count
1	a. Bus	21.78%	44
2	b. UNC Vehicle	0.00%	0
3	c. Private Vehicle	7.43%	15
4	d. Bicycle	4.46%	9
5	e. Walk	66.34%	134
6	f. Scooter	0.00%	0
7	g. Other	0.00%	0
	Total	100%	202

Q13 - 9. Following is a list of services or programs available to commuters in the Triangle area. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

#	Question	Aware and have used		Aware but have not used		Not Aware		Total
1	a. Emergency Ride Home Program	0.50%	1	23.88%	48	75.62%	152	201
2	b. GoTriangle.org website	30.00%	60	35.00%	70	35.00%	70	200
3	c. Online ridematching service (Share The Ride NC)	1.49%	3	18.41%	37	80.10%	161	201
4	d. GoPerks Incentive Program	1.50%	3	11.00%	22	87.50%	175	200
5	e. 919-485-RIDE (7433) transportation information	2.03%	4	13.20%	26	84.77%	167	197
6	f. Real-time transit arrival system (TransLoc, NextBus)	73.37%	146	7.54%	15	19.10%	38	199
7	g. GoTriangle Commute Cost Calculator	2.53%	5	13.64%	27	83.84%	166	198
8	h. Google Maps Transit Directions	65.33%	130	19.10%	38	15.58%	31	199

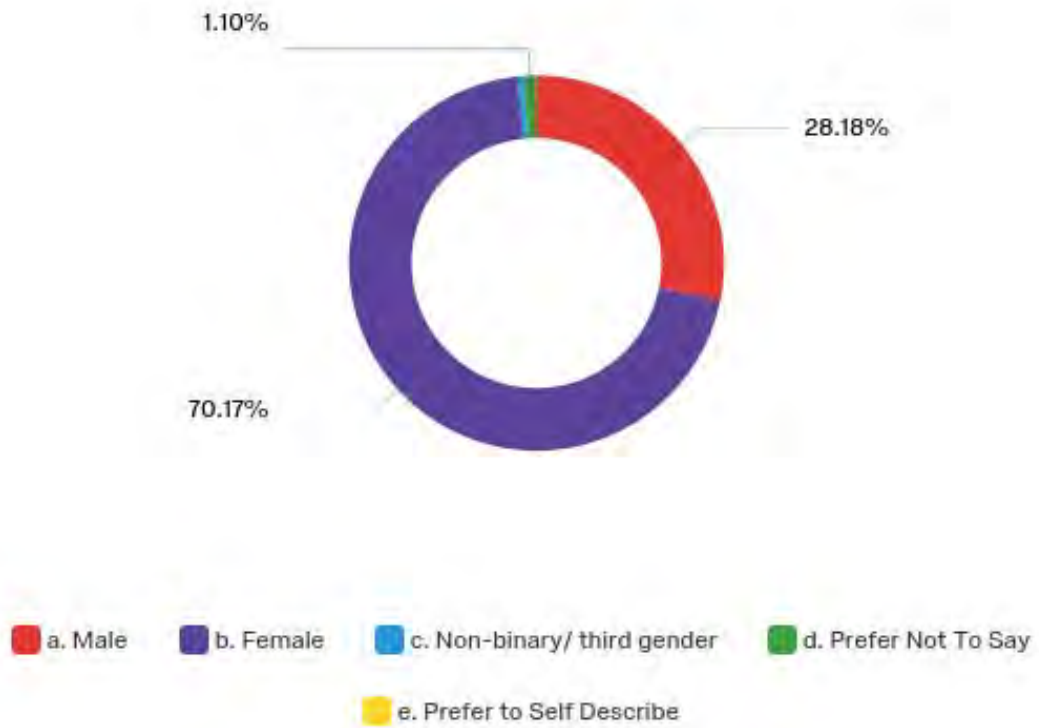
Q42 - 10. Following is a list of services or programs available to UNC students. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

#	Question	Aware and have used		Aware but have not used		Not Aware		Total
1	a. CAP commuter benefits (carpool/vanpool, bike, walk, transit)	15.42%	31	27.86%	56	56.72%	114	201
2	b. GoPass (Free Annual Triangle Transit bus pass)	10.55%	21	33.17%	66	56.28%	112	199
3	c. Pittsboro Express (Free annual bus pass)	0.00%	0	14.14%	28	85.86%	170	198
4	d. Vanpool \$20 monthly subsidy	0.00%	0	9.05%	18	90.95%	181	199
5	e. Zipcar car share	4.00%	8	51.00%	102	45.00%	90	200
6	f. CAP member Zipcar discount	1.01%	2	12.56%	25	86.43%	172	199
7	g. CAP local merchant discounts	4.52%	9	15.58%	31	79.90%	159	199
8	h. Bicycle registration, U-Lock coupon	9.60%	19	25.25%	50	65.15%	129	198
9	i. Tar Heel Bikes Bike Share	0.00%	0	17.26%	34	82.74%	163	197
10	j. Point – to – Point (P2P Campus Transit)	27.64%	55	43.22%	86	29.15%	58	199
11	k. P2P Airport Break Shuttle	4.02%	8	24.62%	49	71.36%	142	199
12	l. P2P Emergency Ride Back (in Chapel Hill and Carrboro)	0.50%	1	27.14%	54	72.36%	144	199

Q18 - 11. How much would each of the following services and benefits influence you to use the type of transportation noted in bold? If you use the service now, please indicate how much it influenced you to use that type of transportation.

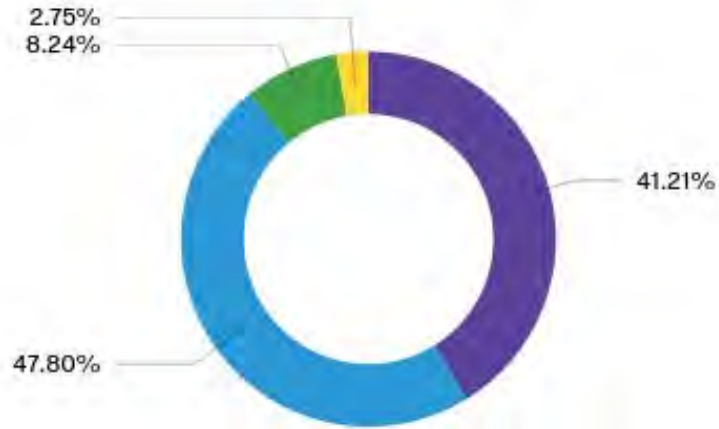
#	Question	Very little		Somewhat		A great deal		Don't Know		Total
1	a. Financial incentive (allowance/subsidy) to carpool/vanpool	51.93%	94	25.97%	47	12.15%	22	9.94%	18	181
2	b. Reserved or preferential parking on campus for carpools/vanpools	38.67%	70	19.89%	36	30.39%	55	11.05%	20	181
3	c. Financial incentive (subsidy) to use a bus, e.g., GoPass	28.89%	52	25.00%	45	35.56%	64	10.56%	19	180
4	d. More frequent bus service to campus	11.60%	21	22.65%	41	60.77%	110	4.97%	9	181
6	f. Faster bus service to campus	13.26%	24	23.76%	43	59.12%	107	3.87%	7	181
7	g. Park-and-ride lots near my home (to meet carpool, vanpool, or bus)	37.78%	68	25.56%	46	24.44%	44	12.22%	22	180
8	h. Flexibility in work hours to accommodate carpool, vanpool, or bus schedules	36.67%	66	25.56%	46	21.11%	38	16.67%	30	180
9	i. Free ride home in case of emergencies for employees who carpool / vanpool / ride buses	30.00%	54	28.33%	51	25.00%	45	16.67%	30	180
10	j. Bicycle lanes or paths connecting my home and campus	43.89%	79	12.78%	23	31.67%	57	11.67%	21	180
11	k. Sidewalks connecting my home and campus	37.22%	67	26.11%	47	31.67%	57	5.00%	9	180
12	l. Secure parking on campus for bicycles	51.96%	93	14.53%	26	23.46%	42	10.06%	18	179
13	m. Bicycle maintenance stations on campus	48.60%	87	17.32%	31	23.46%	42	10.61%	19	179

Q25 - 12. What is your gender?



#	Answer	%	Count
1	a. Male	28.18%	51
2	b. Female	70.17%	127
3	c. Non-binary/ third gender	0.55%	1
4	d. Prefer Not To Say	1.10%	2
5	e. Prefer to Self Describe	0.00%	0
	Total	100%	181

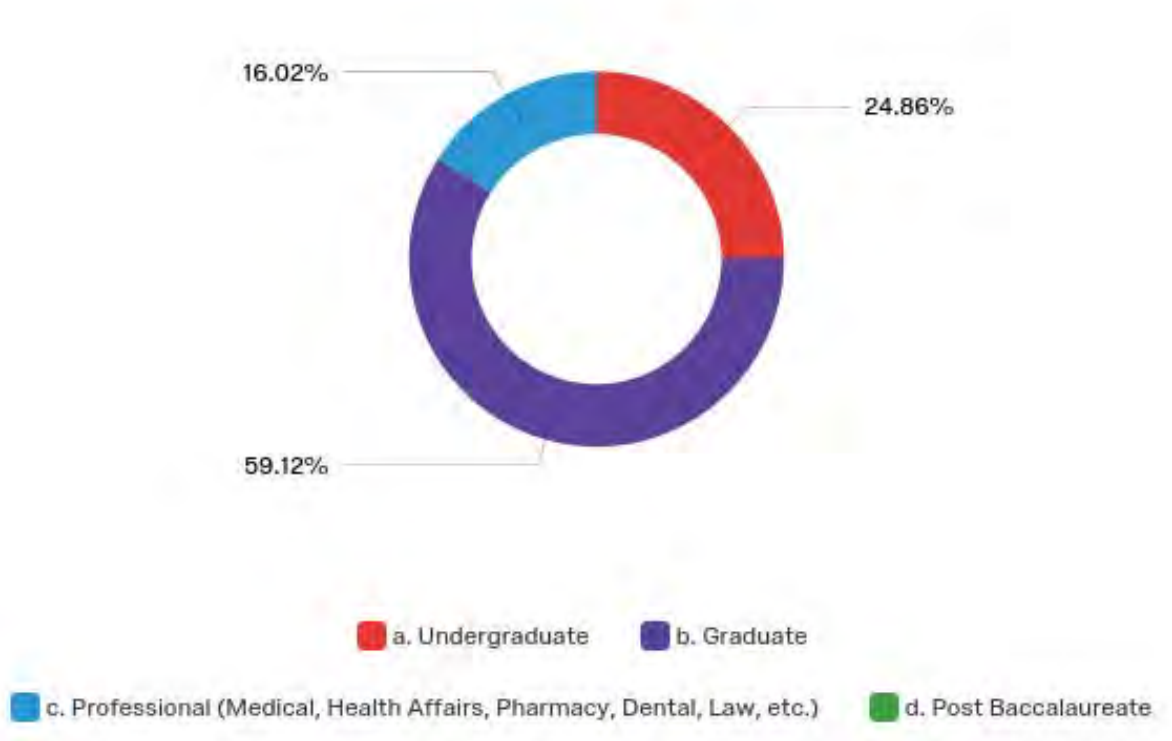
Q26 - 13. Your age is:



- a. 17 years or less
- b. 18-24 years
- c. 25-34 years
- d. 35-49 years
- e. 50-64 years
- f. 65 years or more

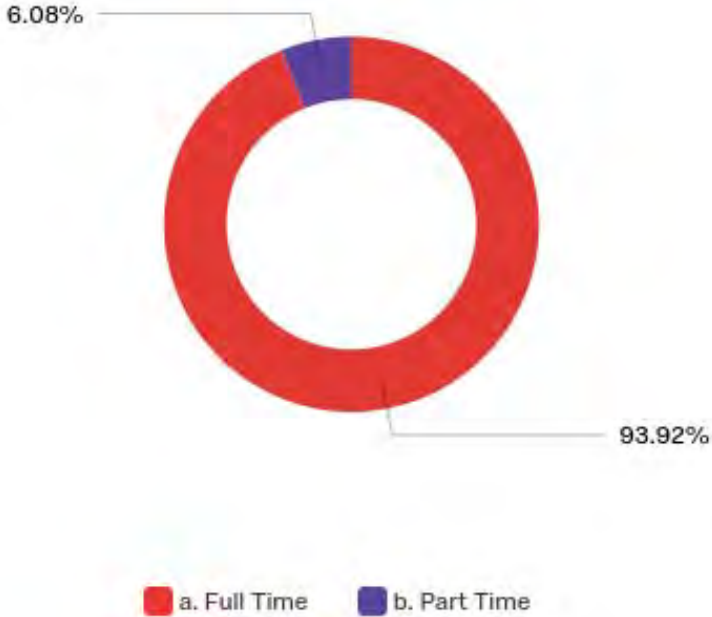
#	Answer	%	Count
1	a. 17 years or less	0.00%	0
2	b. 18-24 years	41.21%	75
3	c. 25-34 years	47.80%	87
4	d. 35-49 years	8.24%	15
5	e. 50-64 years	2.75%	5
6	f. 65 years or more	0.00%	0
	Total	100%	182

Q29 - 15. Which of the following best describes your student status?



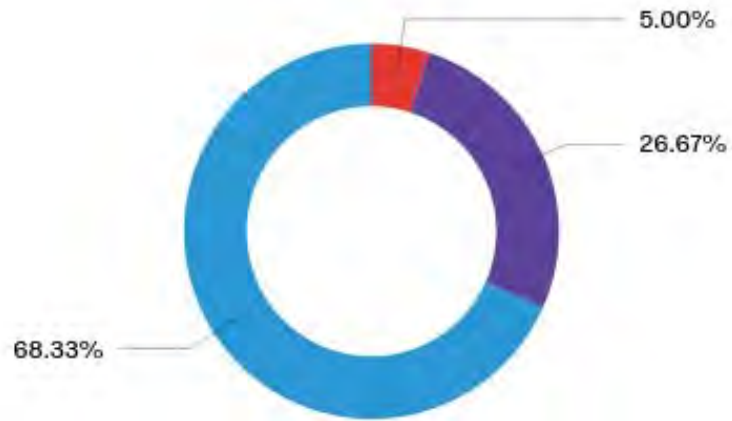
#	Answer	%	Count
1	a. Undergraduate	24.86%	45
2	b. Graduate	59.12%	107
3	c. Professional (Medical, Health Affairs, Pharmacy, Dental, Law, etc.)	16.02%	29
4	d. Post Baccalaureate	0.00%	0
	Total	100%	181

Q30 - 16. Are you a full time or part time student?



#	Answer	%	Count
1	a. Full Time	93.92%	170
2	b. Part Time	6.08%	11
	Total	100%	181

Q51 - 17. Do you have a job off campus?



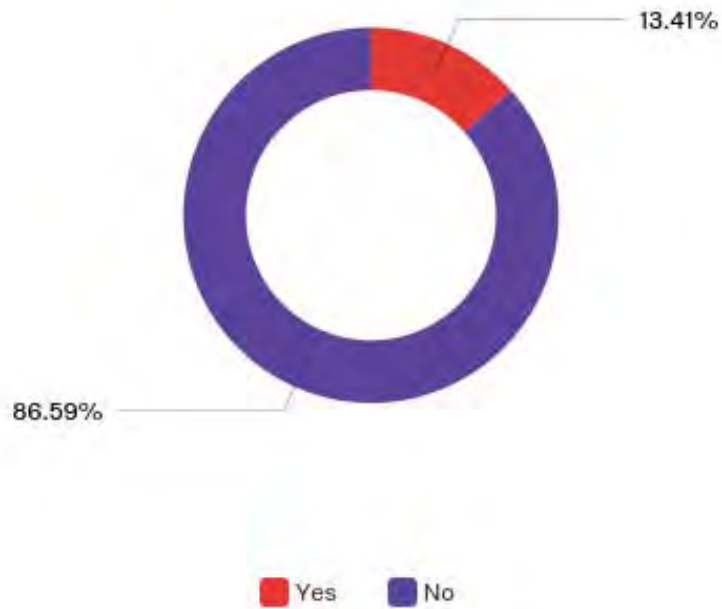
■ a. Full-Time Job
 ■ b. Part-Time Job
 ■ c. I do not have an off campus job

#	Answer	%	Count
1	a. Full-Time Job	5.00%	9
2	b. Part-Time Job	26.67%	48
3	c. I do not have an off campus job	68.33%	123
	Total	100%	180

Q52 - 18. How do you travel to your off campus job?

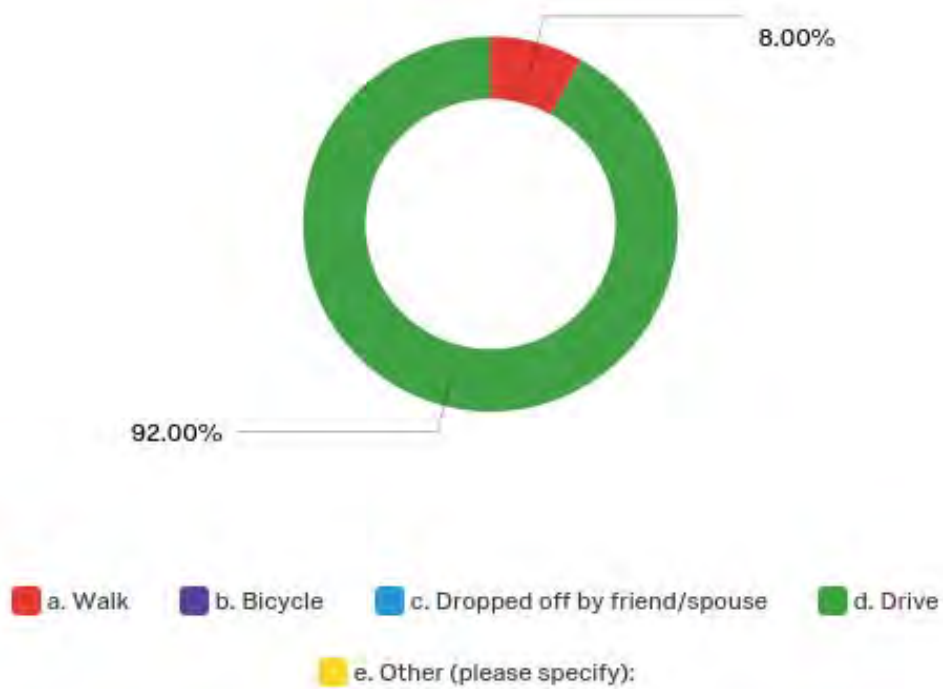
#	Answer	%	Count
1	a. Private Vehicle	62.07%	36
2	b. Bicycle	6.90%	4
3	c. Walk	8.62%	5
4	d. Bus	13.79%	8
5	e.. Motorcycle/Scooter	0.00%	0
6	f. Other (please specify):	8.62%	5
	Total	100%	58

Q34 - 21. Do you Park & Ride (Park, then take the bus) to get to work at least one time per week?



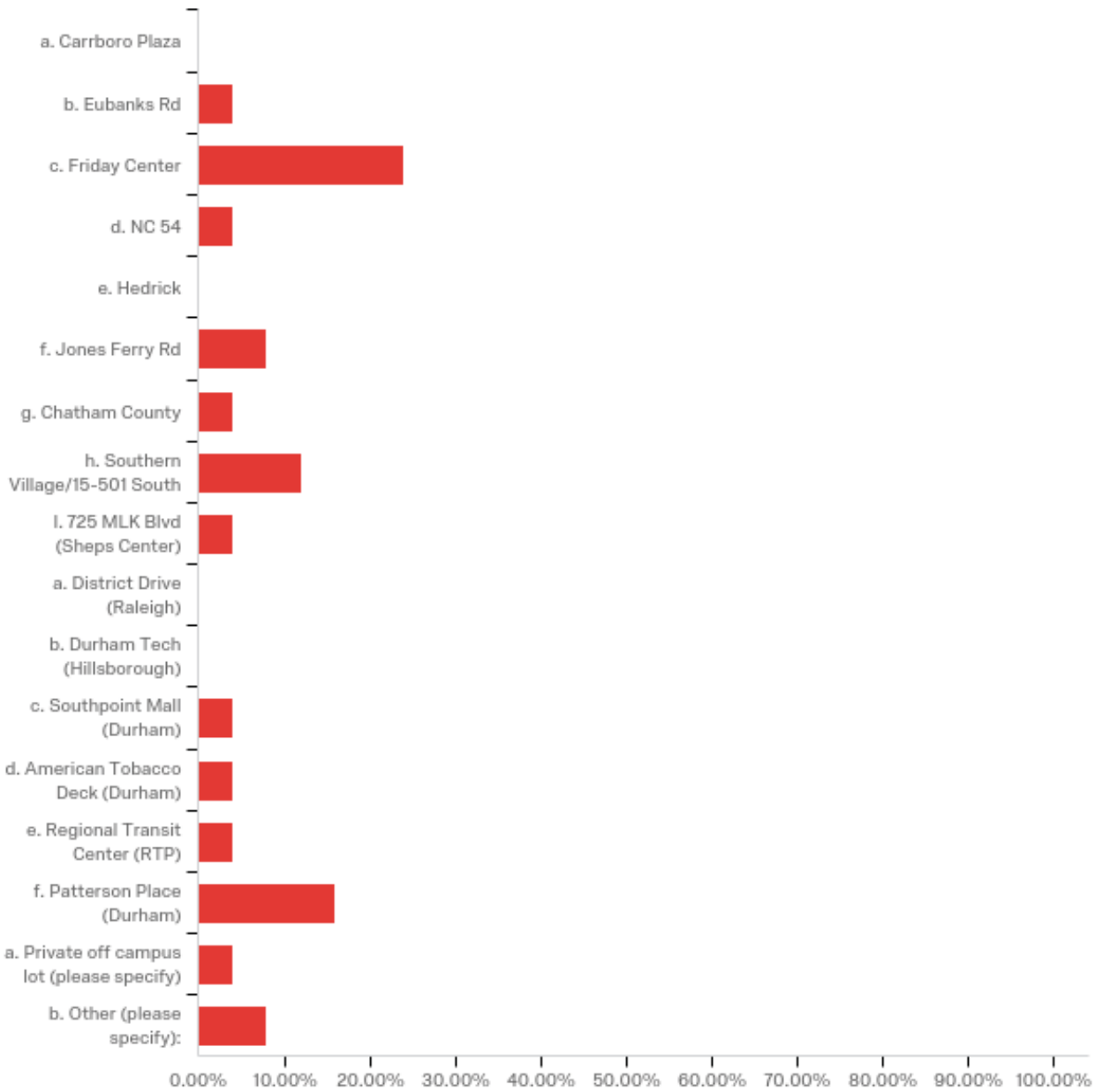
#	Answer	%	Count
1	Yes	13.41%	24
2	No	86.59%	155
	Total	100%	179

Q35 - 22. How do you typically get from your home to the Park and Ride lot?



#	Answer	%	Count
6	a. Walk	8.00%	2
4	b. Bicycle	0.00%	0
2	c. Dropped off by friend/spouse	0.00%	0
3	d. Drive	92.00%	23
5	e. Other (please specify):	0.00%	0
	Total	100%	25

Q36 - 23. Which parking lot do you typically use?



#	Answer	%	Count
1	a. Carrboro Plaza	0.00%	0
2	b. Eubanks Rd	4.00%	1
4	c. Friday Center	24.00%	6

5	d. NC 54	4.00%	1
6	e. Hedrick	0.00%	0
7	f. Jones Ferry Rd	8.00%	2
8	g. Chatham County	4.00%	1
9	h. Southern Village/15-501 South	12.00%	3
10	i. 725 MLK Blvd (Sheps Center)	4.00%	1
11	a. District Drive (Raleigh)	0.00%	0
12	b. Durham Tech (Hillsborough)	0.00%	0
13	c. Southpoint Mall (Durham)	4.00%	1
14	d. American Tobacco Deck (Durham)	4.00%	1
15	e. Regional Transit Center (RTP)	4.00%	1
19	f. Patterson Place (Durham)	16.00%	4
16	a. Private off campus lot (please specify)	4.00%	1
17	b. Other (please specify):	8.00%	2
	Total	100%	25

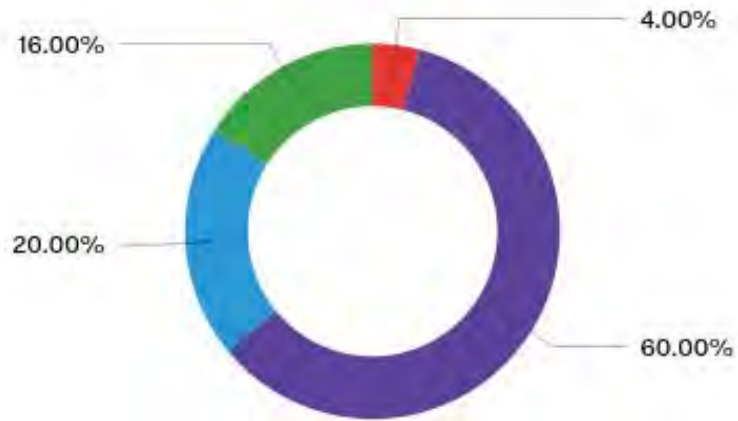
Q37 - 24. Why do you use this lot?



■ a. Closest to home
 ■ b. Best bus service
 ■ c. Only one with parking available
 ■ d. Other

#	Answer	%	Count
1	a. Closest to home	68.00%	17
2	b. Best bus service	24.00%	6
3	c. Only one with parking available	8.00%	2
4	d. Other	0.00%	0
	Total	100%	25

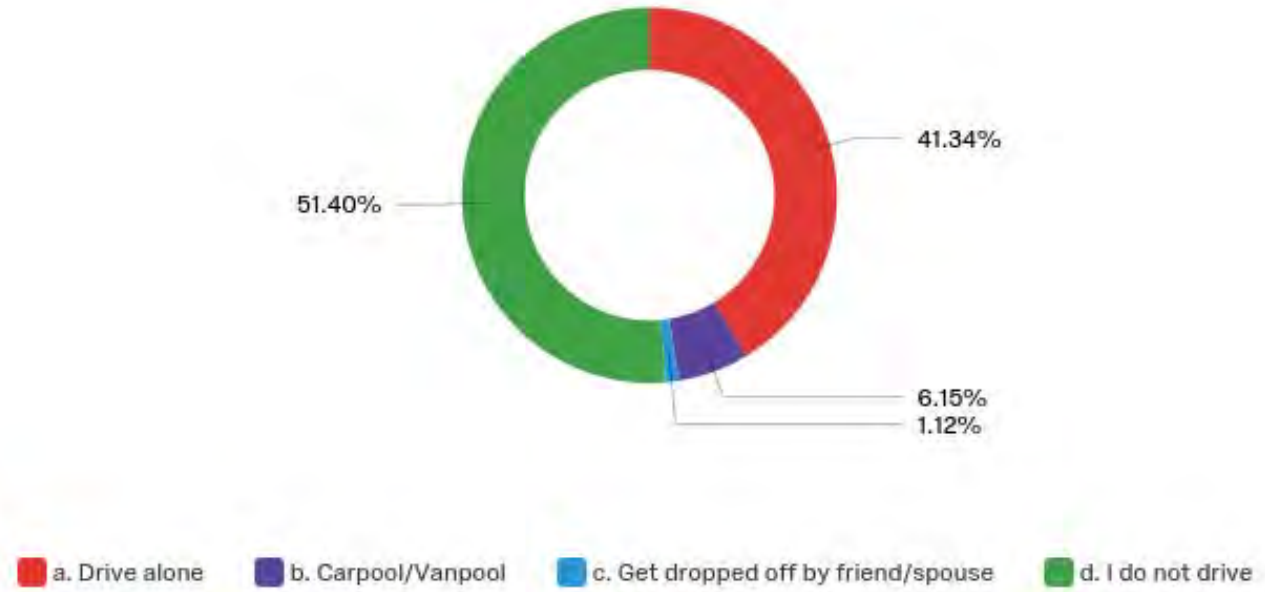
Q38 - 25. How long have you been using Park & Ride (any lot)?



■ a. Less than 3 months
 ■ b. 3 months-11 months
 ■ c. 1-3 years
 ■ d. More than 3 years

#	Answer	%	Count
1	a. Less than 3 months	4.00%	1
2	b. 3 months-11 months	60.00%	15
3	c. 1-3 years	20.00%	5
4	d. More than 3 years	16.00%	4
	Total	100%	25

Q44 - 26. If you drive to campus (not Park & Ride) on most days, do you...?

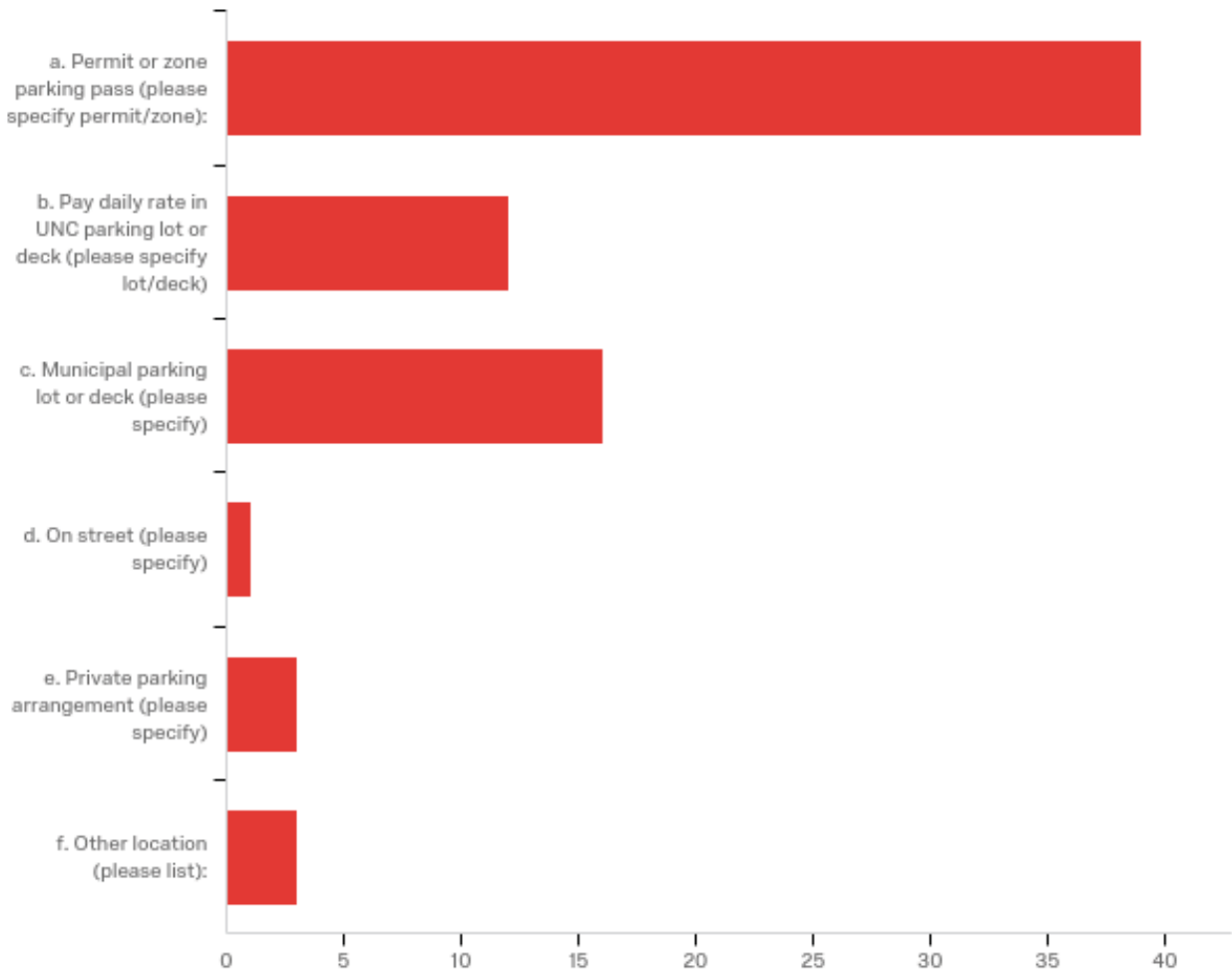


#	Answer	%	Count
1	a. Drive alone	41.34%	74
2	b. Carpool/Vanpool	6.15%	11
3	c. Get dropped off by friend/spouse	1.12%	2
4	d. I do not drive	51.40%	92
	Total	100%	179

Q43 - 27. Please check below the reasons you don't carpool, vanpool, or ride a bus to campus or don't use these transportation options more often. (Mark up to three reasons.)

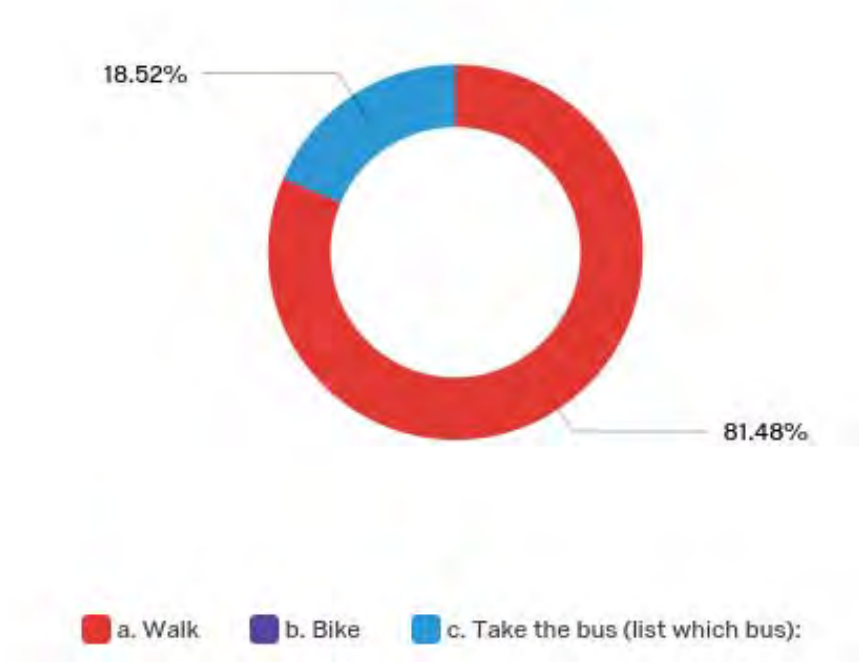
#	Answer	%	Count
10	I need a vehicle during class hours for business reasons	6.15%	12
3	I need a vehicle during class hours for personal reasons	6.67%	13
4	I need a vehicle on the way to/from work for personal errands or childcare/family responsibilities	6.67%	13
5	My schedule is irregular	27.69%	54
6	I want my vehicle in case of an emergency	7.69%	15
7	I've never considered anything other than driving alone	1.54%	3
8	I do not know anyone with whom to carpool or vanpool	6.15%	12
9	The bus trip takes too long compared to driving my car	15.38%	30
18	The bus travels near my home or workplace too infrequently	7.69%	15
19	Bus stop is too far from my home or workplace	4.10%	8
20	Carpooling and vanpooling require too much coordination	5.13%	10
21	I do not feel safe using the bus	1.03%	2
22	I am not familiar with bus schedules	0.00%	0
23	Other reasons (specify)	4.10%	8
	Total	100%	195

Q47 - 29. Where do you usually park?



#	Answer	%	Count
1	a. Permit or zone parking pass (please specify permit/zone):	52.70%	39
2	b. Pay daily rate in UNC parking lot or deck (please specify lot/deck)	16.22%	12
3	c. Municipal parking lot or deck (please specify)	21.62%	16
4	d. On street (please specify)	1.35%	1
5	e. Private parking arrangement (please specify)	4.05%	3
6	f. Other location (please list):	4.05%	3
	Total	100%	74

Q49 - 31. How do you get from where you park to your campus destination?



#	Answer	%	Count
1	a. Walk	81.48%	66
2	b. Bike	0.00%	0
3	c. Take the bus (list which bus):	18.52%	15
	Total	100%	81

APPENDIX 2: Employee Survey Instrument

Start of Block: Default Question Block

Q1

University of North Carolina at Chapel Hill

Transportation & Parking Department

Q2 1. How far is it from home to your workplace?

- a. Less than 2 miles (e.g. Carrboro) (1)
 - b. 2-5 miles (2)
 - c. 6-10 miles (e.g. Durham) (3)
 - d. 11-20 miles (e.g. Hillborough, Pittsboro) (4)
 - e. 21-30 miles (e.g. Raleigh, Cary, Efland, Mebane, Apex) (5)
 - f. Over 30 miles (e.g. Burlington, Henderson, Roxboro, Greensboro) (6)
-

Q3 2. When you drive, what major road do you use to approach campus?

- a. 86 N Martin Luther King Blvd - (From I-40/Hillsborough direction) (1)
- b. 15-501 N (From I-85/Durham direction) (2)
- c. 15-501 S (From Pittsboro direction) (3)
- d. 54 E (From Raleigh/I-40 direction) (4)
- e. 54 W Bypass (From Graham/Mebane direction) (5)
- f. W Franklin (From Carrboro direction) (6)
- g. East Franklin Street (From Durham direction) (7)
- h. Other (8) _____
- i. I never drive to campus (9)

Skip To: Q5 If 2. When you drive, what major road do you use to approach campus? = i. I never drive to campus

Q4 3. When you drive, what street do you use to enter campus?

▼a. N. Columbia (1) ... i. I never drive to campus (9)

Q4 4. In a typical week, how often do you commute (by car, bus, bicycle, etc.) to UNC?

Days Per Week (1)	▼0 (1) ... 7 (8)
Nights Per Week (after 6 PM) (2)	▼0 (1) ... 7 (8)

Q4 5. How often do you leave the campus during the day **for work-related reasons**?

▼a. Never (1) ... h. Three or more times per week (8)

Skip To: Q8 If 5. How often do you leave the campus during the day for work-related reasons? = a. Never

Q7 5a. If you leave campus during the day **for work-related reasons**, where do you go?

- a. Friday Center (1)
- b. Hedrick Office Bldg. (2)
- c. Administrative Office Bldg. (3)
- d. Facilities (Horney Bldg.) (4)
- e. Frank Porter Graham (5)
- f. Other (please specify): (6) _____

Q8 5b. If you leave campus during the day, where do you usually go? Please select all that apply.

- a. Restaurant (1)
 - b. Bank/Credit Union (2)
 - c. Grocery Store (3)
 - d. Drug Store (4)
 - e. Dry Cleaner (5)
 - f. Gym/Fitness Center (6)
 - g. Other Shopping (7)
 - h. Personal Appointments (Doctor, Dentist, Attorney, etc.) (8)
 - j. Other (please specify): (9) _____
 - Click to write Choice 10 (10)
-

Q9 5c. How do you travel when you go off campus during the day?

- a. Bus (1)
 - b. Staff car or UNC vehicle (2)
 - c. Private car (3)
 - d. Zipcar (4)
 - e. Bicycle (5)
 - f. Walk (6)
 - g. Other (please specify): (7) _____
 - I do not leave campus during the day. (8)
-

Q10 6. How do you typically travel to work? Choose **one** option for each day. If you use more than one type of transportation on a single day, check the type you use for the longest distance of your trip.

	Monday (1)	Tuesday (2)	Wednesday (3)	Thursday (4)	Friday (5)	Saturday (6)	Sunday (7)
<input checked="" type="checkbox"/> Drive Alone (NOT PARK & RIDE) (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Park & Ride (served by Chapel Hill Tansit) (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Carpool (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Vanpool (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Local Bus (Chapel Hill Transit) (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Regional Bus (Triangle Transit, PART, Chatham Transit) (12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Motorcycle/Scooter (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Walk (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Bicycle (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Dropped off by Friend/Spouse (9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Telework from home (10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Other (Please list, the space will expand as you type): (11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> I do not work on this day (19)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q11 6a. When you are on campus, how do you typically travel?

- a. Bus (1)
- b. UNC Vehicle (2)
- c. Private Vehicle (3)
- d. Bicycle (4)
- e. Walk (5)
- f. Motorcycle/Scooter (7)
- g.. Other (6) _____



Q12 7. If you do not usually walk or bicycle to campus, please indicate below the reasons you don't use these transportation options to get to campus or don't use them more often. (Mark up to three reasons.)

- I usually walk or bike to campus (13)
- Too far to walk (1)
- Too far to bike (2)
- No sidewalks / incomplete sidewalks on the route between my home and work (3)
- Intersections are unsafe to cross on the route between my home and work (4)
- Roads to campus are unsafe for biking (too much traffic, speed limit too high) (5)
- Route to campus is too hilly or difficult to ride a bike (6)
- Lack of bike lanes or separated off-road paths on the route between my home and campus (7)
- No place to shower when I get to work (8)
- No place to park a bike at my destination (9)
- No bicycle maintenance station (10)
- Other reasons (specify) (11) _____
- I live more than 10 miles from work (12)

Page Break

Q13 8. Following is a list of services or programs available to commuters in the Triangle area. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

	Aware and have used (1)	Aware but have not used (2)	Not Aware (3)
a. Emergency Ride Home Program (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. GoTriangle.org website (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Online ridematching service (Share The Ride NC) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. GoPerks Incentive Program (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. 919-485- RIDE (7433) transportation information. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Real-time transit arrival system (Transloc, Nextbus) (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. GoTriangle Commute Cost Calculator (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Google Maps Transit Directions (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q14 8b. Following is a list of services or programs available to UNC employees. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

	Aware and have used (1)	Aware but have not used (2)	Not Aware (3)
a. CAP commuter benefits (carpool/vanpool, bike, walk, transit) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. GoPass (Free Annual Triangle Transit bus pass) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Pittsboro Express (Free annual bus pass) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Vanpool \$20 monthly subsidy (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Zipcar car share (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. CAP member Zipcar discount (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. CAP local merchant discounts (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Bicycle registration, U-Lock coupon (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Bicycle facilities (bike lockers, clothing lockers, showers) (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. P2P Emergency Ride Back (in Chapel Hill and Carrboro) (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Point – to – Point (P2P) Campus Transit (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q15 9. Do you stop on the way to or from work on most days?

- a. Yes, child pick-up or drop-off (1)
- b. Yes, pick-up or drop-off spouse or friends (2)
- c. Yes, other (please specify) (3) _____
- d. No, not usually (4)

Q16 10. Please fill in the following table about your travel schedule for a typical workday (door-to-door). (Please type in the time (ex. 5:15) and select AM or PM.)

	AM (1)	PM (2)	Time (1)
Leave Home (1)	<input type="radio"/>	<input type="radio"/>	
Arrive at Work (2)	<input type="radio"/>	<input type="radio"/>	
Leave Work (3)	<input type="radio"/>	<input type="radio"/>	
Arrive at Home (4)	<input type="radio"/>	<input type="radio"/>	

Page Break

Q17 11. How important are each of the following factors in how you choose to get to work (e.g., car, bus, etc.)?

	Very Little (1)	Somewhat (2)	A Great Deal (3)	Don't Know (4)
1 Financial incentive (allowance/subsidy) to carpool/vanpool (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Reserved or preferential parking at work for carpools/vanpools (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Financial incentive (subsidy) to use a bus , e.g., GoPass (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 More frequent bus service to my work site (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 Faster bus service to my work site (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6 Park-and-ride lots near my home (to meet carpool, vanpool, or bus) (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 Flexibility in work hours to accommodate carpool, vanpool, or bus schedules (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8 Free ride home in case of emergencies for employees who carpool / vanpool / ride buses (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9 Bike lanes or off-road paths connecting my home and work (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10 Sidewalks connecting my home and work (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11 Secure parking at work for bikes (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12 Showers/locker room at work for employees who bike or walk to work (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q18 12. Counting yourself, how many people live in your household?

- a. Adults (1) _____
 - b. Children (0-5 years) (2) _____
 - c. Children (6-18 years) (3) _____
-

Q19 13. What is your gender?

- a. Male (1)
 - b. Female (2)
 - c. Non-binary/ third gender (3) _____
 - Prefer to self-describe (4) _____
 - Prefer not to say (5)
-

Q20 13. Your age is:

- a. 17 years or less (1)
 - b. 18-24 years (2)
 - c. 25-34 years (3)
 - d. 35-49 years (4)
 - e. 50-64 years (5)
 - f. 65 years or more (6)
-

Q21 14. What is the combined total annual income (before taxes) of your household?

- a. Less than \$12,000/year (1)
 - b. \$12,001 to \$25,000/year (2)
 - c. \$25,001 to \$35,000/year (3)
 - d. \$35,001 to \$50,000/year (4)
 - e. \$50,001 to \$75,000/year (5)
 - f. \$75,001 to \$95,000/year (6)
 - g. \$95,001 to \$120,000/year (7)
 - h. \$120,001 to \$150,000/year (8)
 - i. More than \$150,000 (9)
-

Q22 15. Where do you live?

- City: (1) _____
 - County: (2) _____
 - Zipcode: (3) _____
 - Nearest Street Intersection (ex. Elm & Third): (4)

-

Q23 16. Where is your work location?

- Department: (1) _____
 - Building: (2) _____
 - Campus Box #: (3) _____
-

Q24 17. Which of the following best describes your position?

- a. Hospital Employee: Full-Time (1)
 - b. Hospital Employee: Part-Time (2)
 - c. University Employee: Full-Time (3)
 - d. University Employee: Part-Time (4)
-

Q25 18. What comments/suggestions do you have for improving transportation to/from and on campus?

Q26 19. What would encourage you to use a form of transportation other than your car?

Page Break

Q27 Section II: Park & Ride or Bus

Q28 20. Do you Park & Ride (Park, then take the bus) to get to work at least one time per week?

- Yes (1)
- No (2)

Skip To: Q33 If 20. Do you Park & Ride (Park, then take the bus) to get to work at least one time per week? = No

Q29 21. How do you get from your home to the Park and Ride lot?

- a. Walk (1)
 - b. Dropped off by friend/spouse (2)
 - c. Drive (3)
 - d. Bicycle (4)
 - e. Other (please specify): (5) _____
-

Q30 22. Which parking lot do you usually use?

- a. Carrboro Plaza (1)
 - b. Eubanks Rd (2)
 - d. Friday Center (4)
 - e. NC 54 (5)
 - f. Hedrick (6)
 - g. Jones Ferry Rd (7)
 - h. Chatham County (8)
 - i. Southern Village/15-501 South (9)
 - j. 725 MLK Blvd (Sheps Center) (10)
 - a. District Drive (Raleigh) (11)
 - b. Durham Tech (Hillsborough) (12)
 - c. Southpoint Mall (Durham) (13)
 - d. American Tobacco Deck (Durham) (14)
 - e. Regional Transit Center (RTP) (15)
 - f. Patterson Place Durham (18)
 - a. Private off campus lot (16) _____
 - b. Other (please specify location): (17) _____
-

Q31 23. Why do you use this lot?

- a. Closest to home (1)
 - b. Best bus service (2)
 - c. Only one with parking available (3)
 - d. Other (4)
-

Q32 24. How long have you been using Park & Ride (any lot)?

- a. Less than 3 months (1)
 - b. 3 months-11 months (2)
 - c. 1-3 years (3)
 - d. More than 3 years (4)
-

Q33 Section III: Drive Alone (Not Park & Ride) or Carpool/Vanpool

Q34 24. If you drive to work (not Park & Ride) on most days, do you...?

- a. Drive Alone (1)
- b. Carpool/Vanpool (2)
- c. Get dropped off by friend/spouse (3)
- d. I do not drive (4)

Skip To: End of Survey If 24. If you drive to work (not Park & Ride) on most days, do you...? = d. I do not drive

Q35 25. Please check below the reasons you don't carpool, vanpool, or ride a bus to work or don't use these transportation options more often. (Mark up to three reasons.)

- I need vehicle **during work hours** for business reasons (1)
- I need vehicle **during work hours** for personal reasons (2)
- I need vehicle **on the way to/from work** for personal errands or childcare/family responsibilities (3)
- My work schedule is irregular (4)
- I want my vehicle in case of an emergency (5)
- I do not know anyone with whom to carpool or vanpool (6)
- The bus trip takes too long compared to driving my car (7)
- The bus travels near my home or workplace too infrequently (8)
- Bus stop is too far from my home or workplace (9)
- Carpooling and vanpooling require too much coordination (10)
- I do not feel safe using the bus (11)
- I am not familiar with bus schedules (12)
- Other reasons (please specify) (13) _____



Q36 26. Including yourself, how many people typically ride in your carpool/vanpool? (Please write a number)

Q37 27. Where do you usually park?

- a. Permit or zone parking pass (please specify permit/zone): (1)

 - b. Pay daily rate in UNC parking lot or deck (please specify lot/deck) (2)

 - c. Municipal parking lot or deck (please specify) (3)

 - d. On street (please specify (4) _____
 - e. Private parking arrangement (please specify) (5)

 - f. Other location (please list): (6) _____
-

Q38 28. How much do you pay to park?

- a. Per day: \$ (1) _____
 - b. Per month: \$ (2) _____
 - c. Per year: \$ (3) _____
-

Q39 29. How do you get from where you park to your workplace?

- a. Walk (1)
- b. Bike (2)
- c. Take the bus (list which bus): (3) _____

End of Block: Default Question Block

APPENDIX 3: Student Survey Instrument

University Student Commuter Survey - Apr 2017

Start of Block: Default Question Block

Q58

University of North Carolina at Chapel Hill

Transportation & Parking Department

Q56 1. How far do you live from campus?

- a. Less than 2 miles (e.g. Carrboro) (1)
 - b. 2-5 miles (2)
 - c. 6-10 miles (e.g. Durham) (3)
 - d. 11-20 miles (e.g. Hillsborough, Pittsboro) (4)
 - e. 21-30 miles (e.g. Raleigh, Cary, Efland, Mebane, Apex) (5)
 - f.. Over 30 miles (e.g. Burlington, Henderson, Roxboro, Greensboro) (6)
-

Q4 2. When you drive, what major road do you use to approach campus?

- a. Route 86 / N Martin Luther King Blvd - (From I-40/Hillsborough direction) (1)
- b. 15-501 N (From I-85/Durham direction) (2)
- c. 15-501 S (From Pittsboro direction) (3)
- d. 54 E (From Raleigh/I-40 direction) (4)
- e. 54 W Bypass (From Graham/Mebane direction) (5)
- f. W Franklin (From Carrboro direction) (6)
- g. East Franklin Street (From Durham direction) (7)
- h. I never drive to campus (9)
- i. Other (8) _____

Skip To: Q6 If 2. When you drive, what major road do you use to approach campus? = h. I never drive to campus

Q5 3. When you drive, what street do you use to enter campus?

▼a. N. Columbia (1) ... i. I Never Drive to Campus (9)

Q6 4. In a typical week, how often do you come to campus?

Days Per Week (1)	▼0 (1) ... 7 (8)
Nights Per Week (after 6 PM) (2)	▼0 (1) ... 7 (8)

Q14 5. How often do you leave the campus during the day?

▼a. Never (1) ... e. Three or more times (5)

Skip To: Q11 If 5. How often do you leave the campus during the day? = a. Never

Q8 5a. If you leave campus during the day, where do you usually go?

- a. Restaurant (1)
- b. Bank/Credit Union (2)
- c. Grocery Store (3)
- d. Drug Store (4)
- e. Dry Cleaner (5)
- f. Gym/Fitness Center (6)
- g. Other Shopping (7)
- h. Personal Appointments (Doctor, Dentist, Attorney, etc.) (8)
- j. Other (please specify): (9) _____

Q10 5b. How do you travel when you go off campus?

- a. Bus (1)
- b. UNC vehicle (2)
- c. Private car (3)
- d. Zip car (4)
- e. Bicycle (5)
- f. Walk (6)
- g. Scooter (8)
- g. Other (please specify): (7) _____

Page Break

Q11 6. How do you typically travel to campus? Choose **one** option for each day. If you use more than one type of transportation on a single day, check the type you use for the longest distance of your trip.

	Monday (1)	Tuesday (2)	Wednesday (3)	Thursday (4)	Friday (5)	Saturday (6)	Sunday (7)
<input type="checkbox"/> Drive Alone (NOT PARK & RIDE) (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Park & Ride (Served by Chapel Hill Transit) (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Carpool (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Vanpool (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Local Bus (Chapel Hill Transit) (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Regional Bus (Triangle Transit, PART, Chatham Transit) (12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Motorcycle/scooter (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Walk (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Bicycle (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Dropped off by Friend/Spouse (9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Telework from home (10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other (Please list, the space will expand as you type): (11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Q44 6a. If you do not usually walk or bicycle to campus, please indicate below the reasons you don't use these transportation options to get to campus or don't use them more often. (Mark up to three reasons.)

- I usually walk or bicycle to campus (12)
- Too far to walk (1)
- Too far to bike (2)
- No sidewalks / incomplete sidewalks on the route between my home and campus (3)
- Intersections are unsafe to cross on the route between my home and campus (4)
- Roads to campus are unsafe for biking (too much traffic, speed limit too high) (5)
- Route to campus is too hilly or difficult to ride a bike (6)
- Lack of bike lanes or separated off-road paths on the route between my home and campus (7)
- No place to shower when I get to campus (8)
- No place to park a bike at my destination (9)
- I live more than 10 miles from campus (11)
- Other reasons (specify) (10) _____

Q17 7. Please fill in the following table about your travel schedule to campus on a typical day (door-to-door). (Please type in the time (ex. 5:15) and select AM or PM.)

	AM (1)	PM (2)	Time (1)

Leave Home (1)	<input type="radio"/>	<input type="radio"/>	
Arrive at Campus (2)	<input type="radio"/>	<input type="radio"/>	
Leave Campus (3)	<input type="radio"/>	<input type="radio"/>	
Arrive at Home (4)	<input type="radio"/>	<input type="radio"/>	

Q16 7a. Do you stop on the way to or from campus on most days?

- a. Yes, child pick-up or drop-off (1)
- b. Yes, pick-up or drop-off spouse or friends (2)
- c. Yes, other (please specify) (3) _____
- d. No, not usually (4)

Q59 8. How do you typically travel on campus

- a. Bus (1)
- b. UNC Vehicle (2)
- c. Private Vehicle (3)
- d. Bicycle (4)
- e. Walk (5)
- f. Scooter (6)
- g. Other (7)

Q13 9. Following is a list of services or programs available to commuters in the Triangle area. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

	Aware and have used (1)	Aware but have not used (2)	Not Aware (3)
a. Emergency Ride Home Program (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. GoTriangle.org website (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Online ridematching service (Share The Ride NC) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. GoPerks Incentive Program (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. 919-485-RIDE (7433) transportation information (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Real-time transit arrival system (TransLoc, NextBus) (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. GoTriangle Commute Cost Calculator (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Google Maps Transit Directions (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q42 10. Following is a list of services or programs available to UNC students. For each, please indicate if you are aware of this service and if you have used the service. Please check one option for each service.

	Aware and have used (1)	Aware but have not used (2)	Not Aware (3)
a. CAP commuter benefits (carpool/vanpool, bike, walk, transit) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. GoPass (Free Annual Triangle Transit bus pass) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Pittsboro Express (Free annual bus pass) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Vanpool \$20 monthly subsidy (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Zipcar car share (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. CAP member Zipcar discount (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. CAP local merchant discounts (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Bicycle registration, U-Lock coupon (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Tar Heel Bikes Bike Share (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Point – to – Point (P2P Campus Transit) (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. P2P Airport Break Shuttle (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. P2P Emergency Ride Back (in Chapel Hill and Carrboro) (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

Q18 11. How much would each of the following services and benefits influence you to use the type of transportation noted in **bold**? If you use the service now, please indicate how much it influenced you to use that type of transportation.

	Very little (1)	Somewhat (2)	A great deal (3)	Don't Know (4)
a. Financial incentive (allowance/subsidy) to carpool/vanpool (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Reserved or preferential parking on campus for carpools/vanpools (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Financial incentive (subsidy) to use a bus , e.g., GoPass (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. More frequent bus service to campus (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Faster bus service to campus (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Park-and-ride lots near my home (to meet carpool, vanpool, or bus) (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Flexibility in work hours to accommodate carpool, vanpool, or bus schedules (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Free ride home in case of emergencies for employees who carpool / vanpool / ride buses (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Bicycle lanes or paths connecting my home and campus (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Sidewalks connecting my home and campus (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Secure parking on campus for bicycles (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

m. Bicycle maintenance stations on campus (13)	○	○	○	○
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Page Break _____

Q25 12. What is your gender?

- a. Male (1)
 - b. Female (2)
 - c. Non-binary/ third gender (3)
 - d. Prefer Not To Say (4)
 - e. Prefer to Self Describe (5) _____
-

Q26 13. Your age is:

- a. 17 years or less (1)
 - b. 18-24 years (2)
 - c. 25-34 years (3)
 - d. 35-49 years (4)
 - e. 50-64 years (5)
 - f. 65 years or more (6)
-

Q28 14. Where do you live?

- City: (1) _____
 - County: (2) _____
 - Zipcode: (3) _____
 - Nearest Street Intersection (ex. Elm & Third): (4)

-

Q29 15. Which of the following best describes your student status?

- a. Undergraduate (1)
 - b. Graduate (2)
 - c. Professional (Medical, Health Affairs, Pharmacy, Dental, Law, etc.) (3)
 - d. Post Baccalaureate (4)
-

Q30 16. Are you a full time or part time student?

- a. Full Time (1)
 - b. Part Time (2)
-

Q51 17. Do you have a job off campus?

- a. Full-Time Job (1)
- b. Part-Time Job (2)
- c. I do not have an off campus job (3)

Skip To: Q31 If 17. Do you have a job off campus? = c. I do not have an off campus job

Q52 18. How do you travel to your off campus job?

- a. Private Vehicle (1)
 - b. Bicycle (2)
 - c. Walk (3)
 - d. Bus (4)
 - e.. Motorcycle/Scooter (5)
 - f. Other (please specify): (6) _____
-

Page Break

Q31 19. What comments/suggestions do you have for improving transportation to/from and on campus?

Q32 20. What would encourage you to use a form of transportation other than your car?

Page Break

Q33 Section II: Park & Ride or Bus

Q34 21. Do you Park & Ride (Park, then take the bus) to get to work at least one time per week?

- Yes (1)
- No (2)

Skip To: Q43 If 21. Do you Park & Ride (Park, then take the bus) to get to work at least one time per week? = No

Q35 22. How do you typically get from your home to the Park and Ride lot?

- a. Walk (6)
 - b. Bicycle (4)
 - c. Dropped off by friend/spouse (2)
 - d. Drive (3)
 - e. Other (please specify): (5) _____
-

Q36 23. Which parking lot do you typically use?

- a. Carrboro Plaza (1)
 - b. Eubanks Rd (2)
 - c. Friday Center (4)
 - d. NC 54 (5)
 - e. Hedrick (6)
 - f. Jones Ferry Rd (7)
 - g. Chatham County (8)
 - h. Southern Village/15-501 South (9)
 - i. 725 MLK Blvd (Sheps Center) (10)
 - a. District Drive (Raleigh) (11)
 - b. Durham Tech (Hillsborough) (12)
 - c. Southpoint Mall (Durham) (13)
 - d. American Tobacco Deck (Durham) (14)
 - e. Regional Transit Center (RTP) (15)
 - f. Patterson Place (Durham) (19)
 - a. Private off campus lot (please specify) (16) _____
 - b. Other (please specify): (17) _____
-

Q37 24. Why do you use this lot?

- a. Closest to home (1)
 - b. Best bus service (2)
 - c. Only one with parking available (3)
 - d. Other (4)
-

Q38 25. How long have you been using Park & Ride (any lot)?

- a. Less than 3 months (1)
 - b. 3 months-11 months (2)
 - c. 1-3 years (3)
 - d. More than 3 years (4)
-

Q43 Section III: Drive Alone (Not Park & Ride) or Carpool/Vanpool

Q44 26. If you drive to campus (not Park & Ride) on most days, do you...?

- a. Drive alone (1)
- b. Carpool/Vanpool (2)
- c. Get dropped off by friend/spouse (3)
- d. I do not drive (4)

Skip To: End of Survey If 26. If you drive to campus (not Park & Ride) on most days, do you...? = d. I do not drive



Q43 27. Please check below the reasons you don't carpool, vanpool, or ride a bus to campus or don't use these transportation options more often. (Mark up to three reasons.)

- I need a vehicle **during class hours** for business reasons (10)
- I need a vehicle **during class hours** for personal reasons (3)
- I need a vehicle **on the way to/from work** for personal errands or childcare/family responsibilities (4)
- My schedule is irregular (5)
- I want my vehicle in case of an emergency (6)
- I've never considered anything other than driving alone (7)
- I do not know anyone with whom to carpool or vanpoolClick to write (8)
- The bus trip takes too long compared to driving my car (9)
- The bus travels near my home or workplace too infrequently (18)
- Bus stop is too far from my home or workplace (19)
- Carpooling and vanpooling require too much coordination (20)
- I do not feel safe using the bus (21)
- I am not familiar with bus schedules (22)
- Other reasons (specify) (23) _____



Q46 28. If you carpool or vanpool, how many people regularly ride in your carpool/vanpool including yourself?

Q47 29. Where do you usually park?

a. Permit or zone parking pass (please specify permit/zone): (1)

b. Pay daily rate in UNC parking lot or deck (please specify lot/deck) (2)

c. Municipal parking lot or deck (please specify) (3)

d. On street (please specify) (4) _____

e. Private parking arrangement (please specify) (5)

f. Other location (please list): (6) _____

Q48 30. How much do you pay to park?

a. Per day: \$ (1) _____

b. Per month: \$ (2) _____

c. Per year: \$ (3) _____

Q49 31. How do you get from where you park to your campus destination?

a. Walk (1)

b. Bike (2)

c. Take the bus (list which bus): (3) _____

Page Break _____

