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## **UCSB TRANSPORTATION STUDY**

**SPRING, 2011**

**Prepared Spring 2011 by the UCSB Social Science Survey Center for the  
Chancellor's Campus Sustainability Committee, and the UCSB Office of  
Administrative Services**

# The Social Science Survey Center and Benton Survey Research Laboratory

## Mission

*Public opinion polls, and the underlying scientific methods upon which the best polls are based, were first developed in the late 1930's to find out what ordinary people think. Today, survey research is increasingly used by academic researchers to study theoretical issues in fields as diverse as sociology, economics, psychology, communication and political science; by government agencies to assess such things as unemployment, population demographics, and health care needs; by marketers to test the waters before releasing—or even developing—new products; and by public officials to determine public support for new or existing policies. Because the science of survey research has advanced considerably over the years, we are more and more capable of inferring what large numbers of people do, feel, or think on the basis of a relatively small number of structured interviews. Public universities have been central to the growth of survey research.*

*Here at UCSB, the recently created Social Science Survey Center (SSSC) was developed to enhance interdisciplinary collaboration on both theoretical and methodological planes. The SSSC has three central goals: (1) assisting faculty with their funded research projects; (2) providing practical experience for graduate and undergraduate students in survey research; and (3) creating new knowledge in the area of survey methodology.*

## Faculty Projects

*A central goal of the SSSC exists to assist faculty (both at UCSB and elsewhere) in the development and execution of their funded survey research projects. As such, it can increase faculty chances of securing funding for survey research projects, as well as provide a local resource for the development of survey instruments and interviewing. The SSSC is currently running 9 computer-aided telephone interviewing stations, although it will ultimately be equipped with a full complement of 20 stations.*

## Education and Training

*SSSC is also a place for hands on learning for both undergraduate and graduate students. In our facility, the Benton Social Research Laboratory, students enrolled in research design classes can gain practical experience in research techniques through the use of modern tools such as computer-aided telephone interviewing systems. Graduate student support in the form of research assistantships is also available throughout the center. Graduate research assistants at SSSC learn the day to day operations of a modern survey research organization in addition to being actively engaged in the creation of new knowledge—both context specific in terms of specific studies contracted through the SSSC, and also in the development of new methodological innovations.*

## Methodological Innovation

*In addition to collecting data for individual projects, the SSSC's long term goals include the development of knowledge and innovations to increase the quality of survey research. For example, part of the work of the SSSC is to better understand issues such as: the presence of response effects in surveys, the reasons for and solutions to survey non-response and improving the validity of survey measurement.*

## Summary of Main Findings

### Methodology

The purposes of this report include: characterizing the commuting patterns of UCSB’s faculty, staff, and students; helping UCSB estimate Average Vehicle Ridership (AVR) for UCOP reporting purposes; and helping estimate UCSB’s scope 3 GHG emissions. This year, we dedicated a “module” of the survey to investigate practices and opinions about telecommuting and alternative work week schedules.

Over time, consistent reporting of this data will be used to assess trends in our campus community’s commuting behavior and to determine the effectiveness of programs encouraging the use of alternative transportation. Some of the graphs also utilize historical data sets from previous transportation studies.

This report analyzes data collected through a voluntary survey that was mailed to randomly extracted samples of UCSB faculty, staff, and students (graduate and undergraduate) in the second and third week of Spring Quarter 2011. Respondents were asked to report their daily commuting behavior about the first week of Spring Quarter.

**Table 1: Survey Response Rates:**

Faculty	77%
Staff	45%
Undergraduate	24%
Graduate	35%

When reporting whole campus statistics, subgroups were weighed to better represent campus population composition.

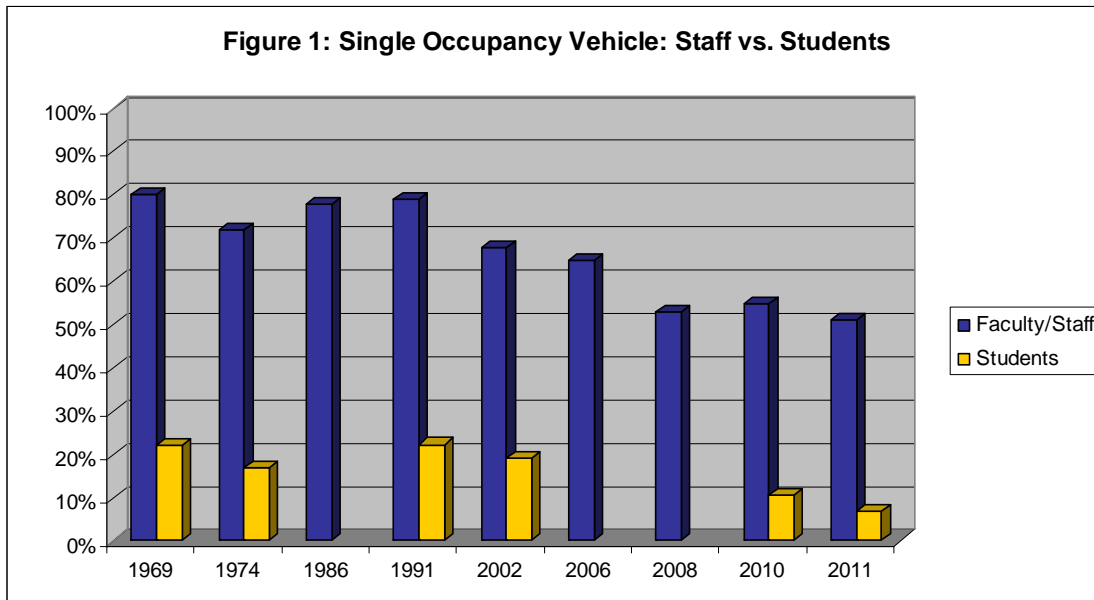
For additional information regarding the methods used to collect the data presented in this report, please contact the UCSB Social Science Survey Center

at [ssscinfo@survey.ucsb.edu](mailto:ssscinfo@survey.ucsb.edu) or (805) 893-3887, or UCSB Sustainability  
Coordinator Jasmine Syed at [jasmine.syed@vadmin.ucsb.edu](mailto:jasmine.syed@vadmin.ucsb.edu) or (805) 893-8367.

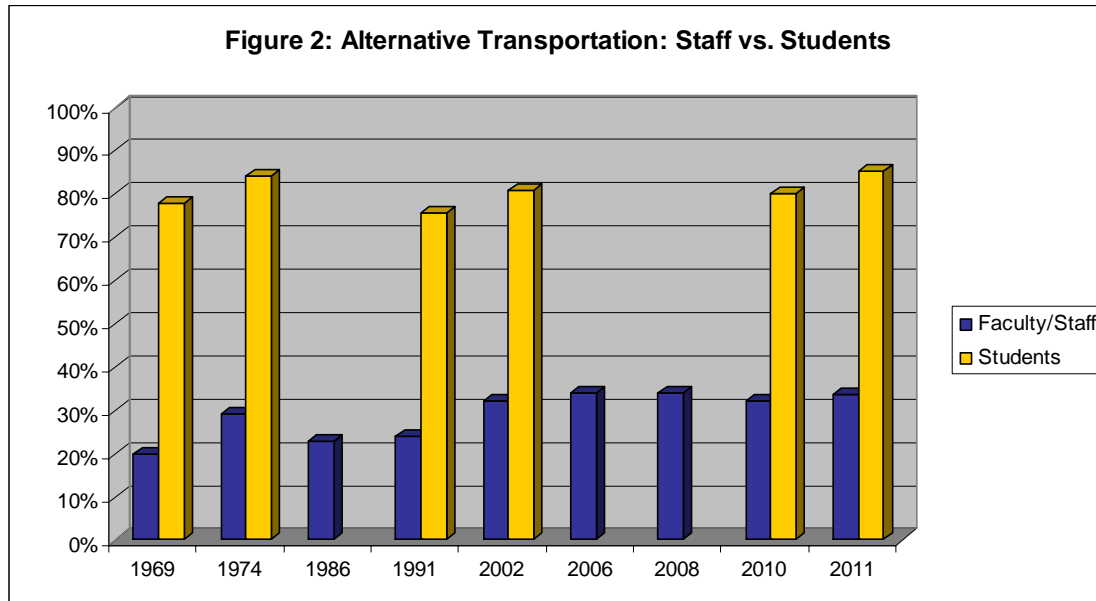
## Commuting Mode Split

To measure commuting behaviors, we asked UCSB faculty, staff, and students to indicate the mode of transportation they used to travel to campus each day from Monday, March 28<sup>th</sup> through Friday, April 2<sup>nd</sup>.

In 2011 we continue to see a decrease in the historical trend of daily use of single-occupancy vehicles in commuting to campus (Figure 1). There appears to be a slight decrease from 2010 in the use of single-occupancy vehicles for both faculty/staff (from 55% in 2010 to 51% in 2011) and students (down to 7% from 11% in 2010), with a corresponding slight increase in the use of alternative transportation (32% in 2010 to 34% in 2011 for faculty/staff, and 80% to 85% for students). However, there is one important factor to take into consideration in interpreting these changes: the fielding period of the study changed between 2010 and 2011. While the 2010 survey was fielded in Winter Quarter, at the end of a somewhat rainy period, the 2011 survey was administered at the very beginning of Spring Quarter. Therefore, some of the increased use of alternative transportation could just be due to the more favorable weather conditions in Spring Quarter. Disaggregated time series data for the various mode of transportation can be found in Appendix 1.



To maintain the maximum comparability with past surveys, we define as alternative transportation using the bus, carpooling or using the UCSB Vanpool service, biking, walking and other forms of non-motorized transportation.



Disaggregated commuter mode split data can be seen in Figure 3 and Figure 4. Overall, students are much more likely to use alternative transportation, with biking (52%), walking (18%), and the bus (7%) being the most popular alternatives. While about half of faculty and staff commute to campus in a single-occupancy motor vehicle, there are substantial percentages that also carpool (16%), bike (10%), and take the bus (6%). The “Other” category, substantially larger in the student group, includes “train”, “skateboard” and “electric bicycle or Segway.” The difference in this category between the various subpopulations is best explained by the number of students skateboarding to campus.

Figure 4: Faculty/Staff Mode Split 2011

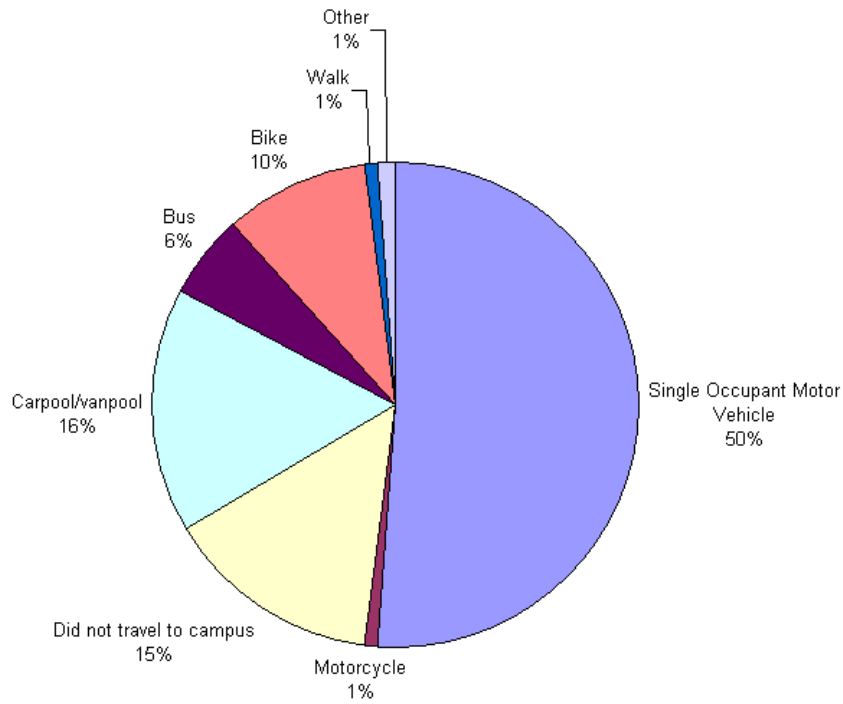
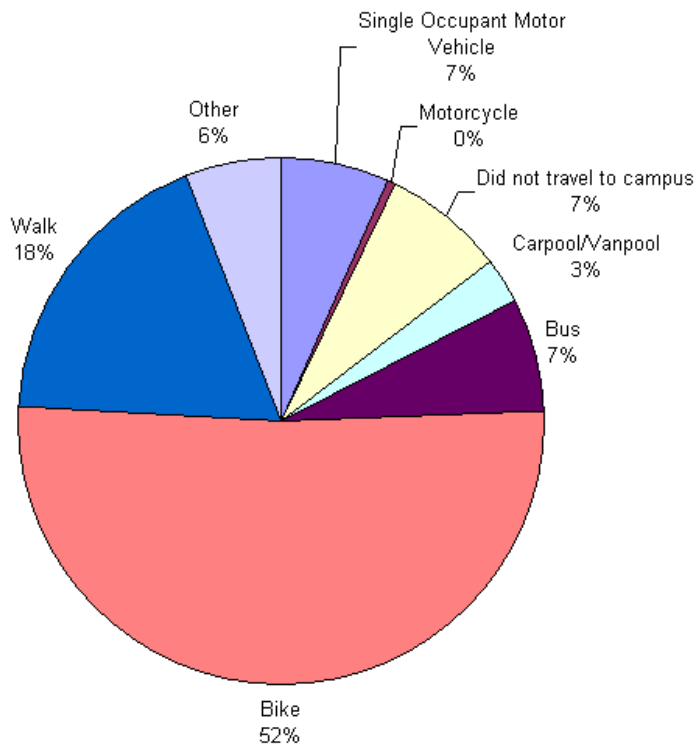
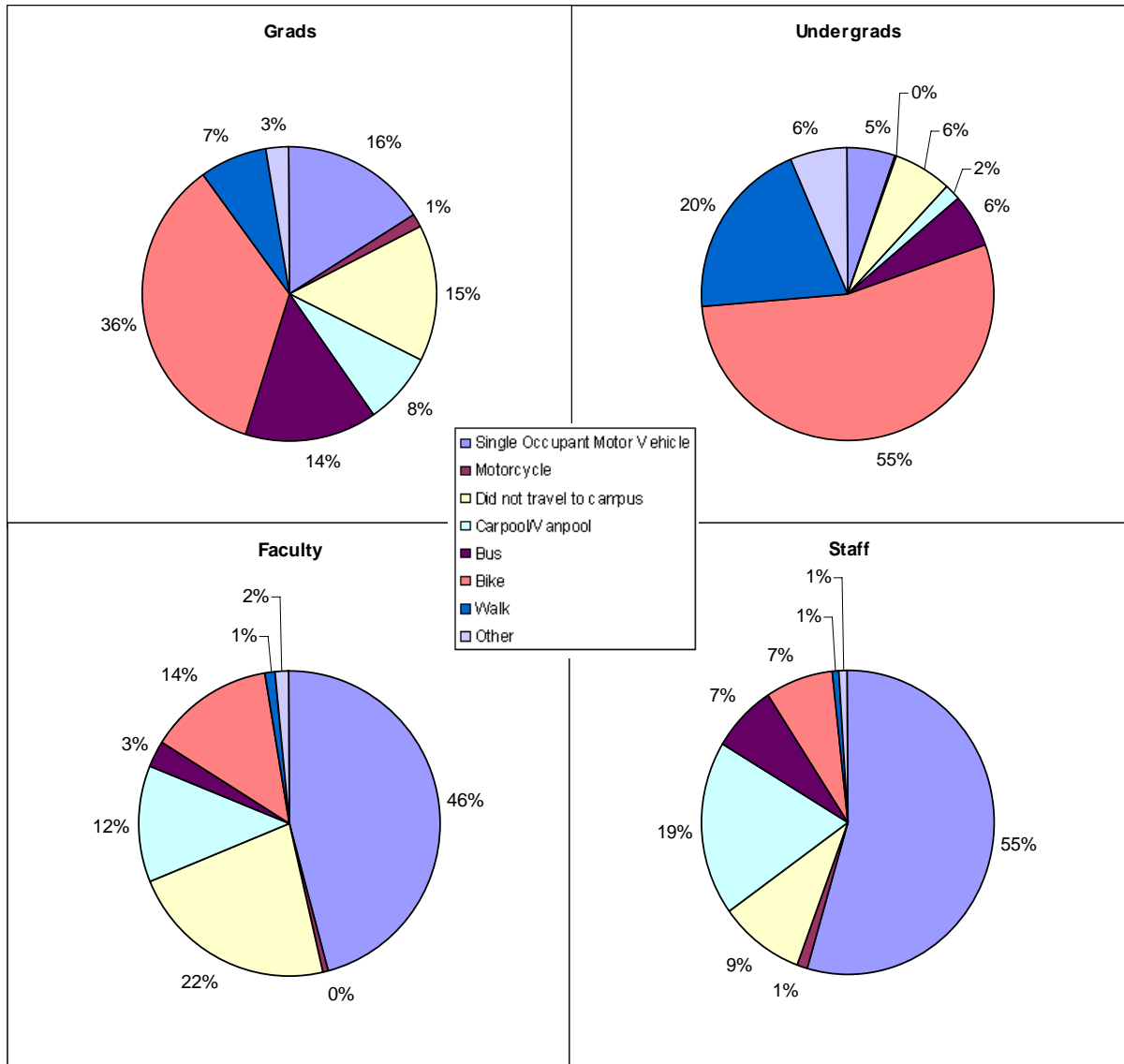


Figure 3: Students Mode Split 2011



However, when broken down by groups, we can see there are significant differences in commuting patterns between faculty, staff, undergraduates, and graduate students.

**Figure 5: Mode Split by Subgroups**



When disaggregating graduate from undergraduate students, for example, we can see that the two groups, while similar, have some distinct commuting behaviors. While the majority of graduate students bike to campus, they are also most likely out of the four groups to take the bus. Graduate students also are more likely than undergraduates to take a single-occupancy commuter vehicle to



campus, or not come into campus at all. Undergraduates, on the other hand, overwhelmingly bike and, to a lesser extent, walk to campus, and no other single mode of transportation is used very frequently.

Similarly, when faculty and staff are broken apart, there are unique commuting behaviors exhibited by both groups. While staff are the most likely to take a single-occupancy vehicle to campus, they also are the group that carools to campus most often, as well as the second most frequent bus riders after graduate students. Faculty, on the other hand, are less likely to take a single-occupancy vehicle to campus, but are also more likely to not come into to campus at all. Faculty are also more likely to bike to campus than staff, and they are the second largest group of carpoolers, after staff.

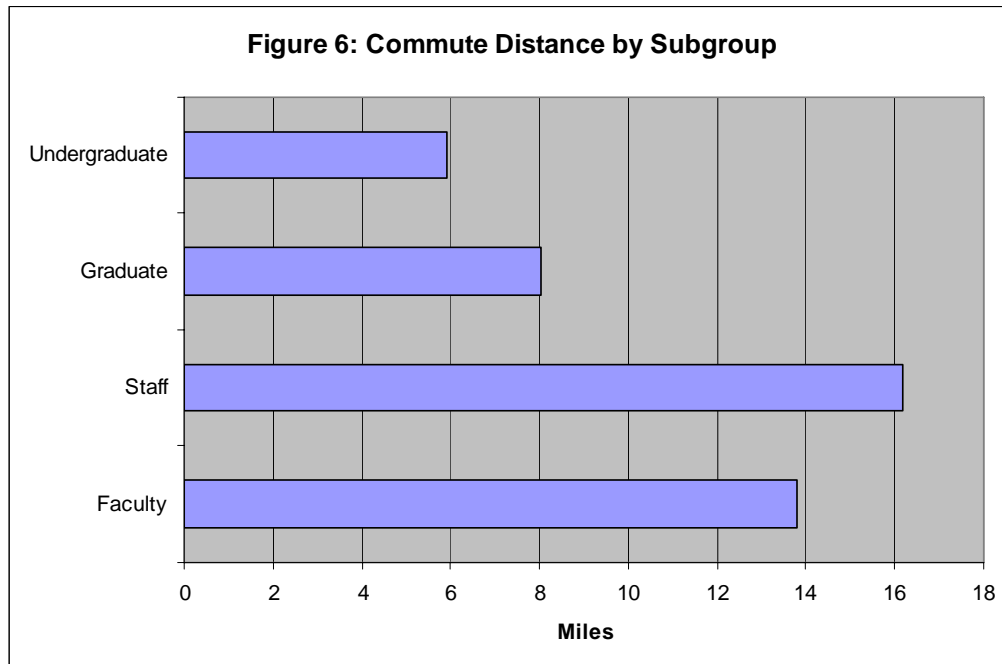
In 2011 we computed Average Vehicle Ridership (AVR) following UCLA's methodology, to be able in the future to compare results with other UC campuses. Table 2 presents the results. The AVR column reports the average number of riders per motorized vehicle (excluding motorcycles, vans and buses) commuting to campus. The last column in the table, reports the ratio with actual non-motorized trips at the numerator (total trips to campus over motorized trips). The ratio is particularly high for Undergraduate students, who live for the most part within walking or biking distance from UCSB.

**Table 2: Average Vehicle Ridership**

	<b>Total vehicles</b>	<b>Total occupants/trips</b>	<b>AVR (people/vehicles)</b>	<b>Total trips/ vehicles</b>
<b>Faculty</b>	1025	1241	1.2	1.4
<b>Staff</b>	1935	2350	1.2	1.3
<b>Graduate</b>	654	875	1.3	3.6
<b>Undergraduate</b>	1208	1528	1.3	13.8

## Commuting Distance

Average commuting distance also significantly varies by group (Figure 6).



Staff commute the longest distance to campus, at 16.2 miles one way on average. This may, in part, explain their heavier reliance on single-occupancy motor vehicles, as it is more difficult to rely upon alternative forms of transportation for such long distances. Faculty, however, are not far behind staff, with an average commute of 13.8 miles one way. Again, this may be reflected in their higher reliance on single-occupancy motor vehicles than student subpopulations. Graduate students, on the other hand, only commute on average 8.05 miles to campus, while undergraduates commute about 5.9 miles on average. This slightly longer commute for graduate students may partly explain why graduate students rely more on the bus, while undergraduates almost always either bike or walk to campus.

## Commuting in 93117

For the 2011 survey, we were asked to investigate the commuting patterns of the area immediately adjacent to the UCSB campus. Respondents residing in the 93117 postal code were asked to point out their area location on a map (Appendix 2). The following analysis focuses on those areas. Table 1 displays the types of transportation residents living within the 93117 postal code used to commute to campus.

**Table 3: Transportation Usage in 93117 Postal Code**

	Percent
Single-Occupancy Motor Vehicle	15.0%
Motorcycle	.5%
Did not travel to campus	8.7%
Carpool/vanpool	5.2%
Bus	6.7%
Bike	43.2%
Walk	14.9%
Other	5.6%
Total	100.0%

As can be seen in Table 3, the majority of residents within the 93117 area code biked to campus, with substantial minorities walking and taking single-occupancy motor vehicles. The large combined proportion of biking and walking is likely due to the heavy undergraduate student presence in the Isla Vista and Ellwood Beach portions of the 93117 area code. These areas are adjacent to UCSB so students do not need to travel long distances to get to campus.

We broke down commuting behaviors for the different areas of the 93117 postal code (please refer to Appendix 2). Table 4 displays the percentage of residents from each area that either drove alone to campus, or relied upon some alternative form of transportation.

**Table 4: Transportation Usage by Areas Within 93117 Zip Code**

Mode of Transportation	Area <sup>1</sup>					Total
	Area 1	Area 2-3	Area 4-5	Area 6	Area 7	
Drove Alone	91 44.9%	92 45.3%	25 14.8%	49 1.4%	187 27.6%	444
Alternative Transportation	112 55.1%	111 54.7%	144 85.2%	3341 98.6%	493 72.4%	4200
Total	202	202	169	3390	680	4643

There are three areas that stand out as having a majority of residents utilizing alternative transportation to get to campus: Isla Vista (Area 6, 98.6%), Southeast and Old Town Goleta (Area 4-5, 85.2%), and Southwest Goleta/Ellwood (72.4%). However, the areas north of the 101 have significantly less residents using alternative transportation to get to campus, with Northwest Goleta (Area 1) having 55.1% relying upon alternative transportation, and North and Northeast Goleta (Area 2-3) having 54.7% do so. However, despite the less relative use of alternative transportation, the majority of residents from both of these areas are using alternative transportation to commute to campus.

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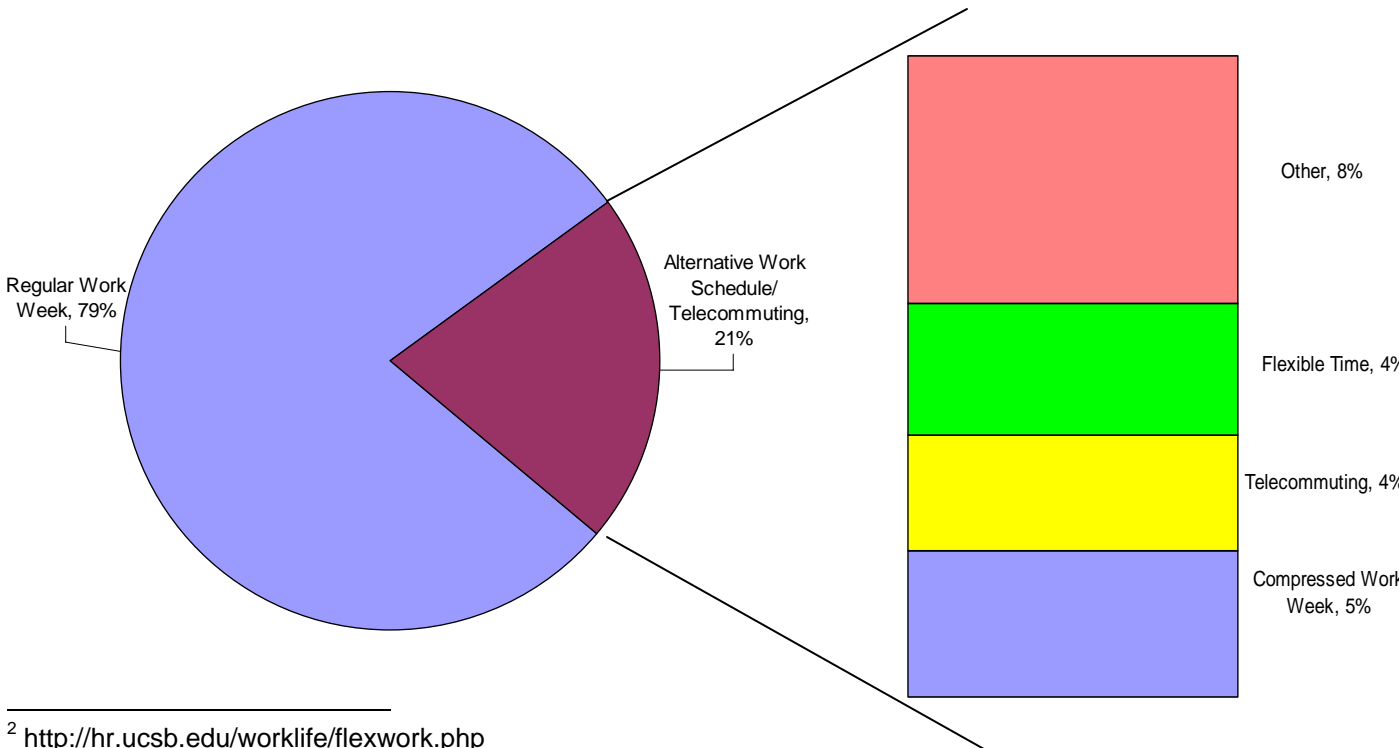
<sup>1</sup> For the purposes of the analysis, North and Northeast Goleta were collapsed together, as were Southeast and Oldtown Goleta. Northwest Goleta (Area 1) represents the area north of 101, up to Glenn Annie. North Goleta (Area 2) represents the area north of 101, between Glenn Annie and N. Fairview. Northeast Goleta (Area 3) represents the area north of 101 and east of N. Fairview. Southeast Goleta (Area 4) represents the area east of 217/Ward Memorial Drive. Old Town Goleta (Area 5) represents the area south of 101, from Los Carneros to 217. Isla Vista (Area 6) represents the area south of El Colegio, from Campus to the Deveraux area. Finally, Southwest Goleta represents the area south of 101, west of Los Carneros and Isla Vista.

## Telecommuting and Compressed Work Week Schedules

During the week of March 28th, the vast majority of all staff (95.33%) worked a regular work week, with 1.4% working a compressed work week, and 3.27% telecommuting. However, given that the survey was administered during the first week of the quarter, it is likely that fewer staff members had taken advantage of alternative schedules or telecommuting than might during other times in the school year.

Among those staff who worked a regular work week, 57.5% reported that they were aware of the UCSB “Flexwork” program.<sup>2</sup> However 28.3% of all staff said that, while aware of the program, they were not familiar with the details. When asked about their current work schedule, these respondents reported overwhelmingly (82.8%) that they were still working a regular, 5 day, 40 hour work week. However, approximately 3.5% reported working some sort of compressed work week, 0.5% reported telecommuting, 4.5% reported having flexible time, and 8.6% reported having some other type of work schedule.

**Figure 7: Type of Schedule Among All Staff**



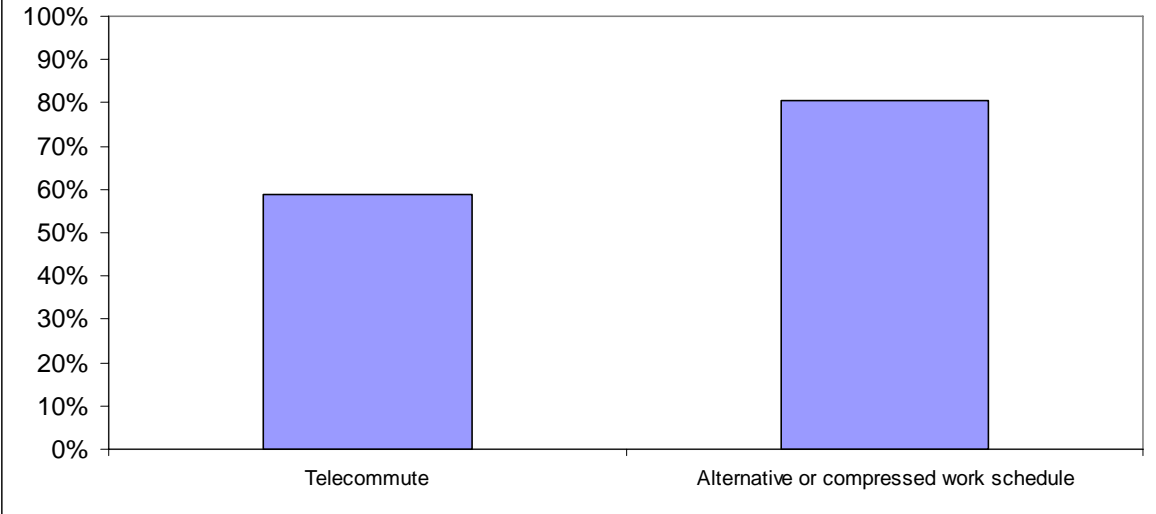
<sup>2</sup> <http://hr.ucsb.edu/worklife/flexwork.php>

Among the staff currently working a regular work week, 38.7% indicated their job duties would allow for telecommuting, 45.5% indicated their job duties would allow for a compressed work week, and 43.5% indicated that neither of these would be possible based upon their job duties.

Among those whose job duties would allow for telecommuting, 72.8% indicated that they would be interested in that possibility. Another 12.7% said they were interested, but expressed concerns about having the necessary equipment or expertise. However, when asked how often they would telecommute if given the necessary equipment, 87.4% reported that they would commute at least one day per week on average or more. Only 14.4% indicated that they had no interest in telecommuting. For those who expressed some sort of interest in telecommuting, most (59.5%) said they were either comfortable or very comfortable in talking to their supervisors about telecommuting, with only 21.3% reporting they would be uncomfortable or very uncomfortable.

For those who indicated their job duties would be compatible with a compressed work week, 78.6% said they would be interested in working this schedule. Amongst the potential types of compressed work week, a 4 day, 40 hour week was the most popular, with 57.1% indicating this would be their preferred choice. The next most popular choice was a 9 day, 80 hour work week, which 21.3% chose as their preferred schedule. A majority of those interested in working a compressed work week indicated that they would either be comfortable or very comfortable talking to their supervisors about working on this schedule (57.4%), with only 18.4% reporting that they would be either uncomfortable or very uncomfortable.

**Figure 8: Supervisor Support for Employee Telecommuting and Alternative Schedules**



Forty-two percent of those who worked a regular work week, reportedly supervised employees. A majority (58.8%) indicated they would allow their employees to telecommute if their job duties allowed it. An even greater share (80.4%) indicated that they were open to allowing their employees work a compressed work week.

# UCSB Transportation Study

## 2011 Questionnaire

1. Are you?

1. Faculty / Academic
2. Staff
3. Post-doctoral
4. Graduate student
5. Undergraduate student
6. Other

LIVING. Where do you currently live?

1. On-Campus Resident Halls (Anacapa, San Miguel, San Nicolas, San Rafael, Santa Cruz, Santa Rosa, Manzanita Village, Santa Catalina)
2. University Owned Off-Campus Housing (Family Student Housing, San Clemente, Santa Ynez Apts., El Dorado Apts., Westgate Apts., West Campus Housing)
3. Other

LIVING2. Do you currently live in university owned or subsidized housing?

1. Yes
2. No

2. During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the

"Did not travel to campus" radio button:

2A1. Monday

1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus
8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

2A2. Tuesday

1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus
8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

2A3. Wednesday



1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus
8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

#### 2A4. Thursday

1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus
8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

#### 2A5. Friday

1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus

8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

#### 2A6. Saturday

1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus
8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

#### 2A7. Sunday

1. Drove alone
2. Persons in private vehicle
3. More than 2 persons in private vehicle
4. Bicycle
5. Skate- board
6. Vanpool
7. Long distance bus
8. Electric bicycle or Segway
9. Motorcycle / Moped
10. Local MTD Bus
11. Train
12. Walked or jogged
13. Did not travel to campus/UCSB worksite

3. If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below.

3A1. Monday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick
5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

3A2. Tuesday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick
5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

3A3. Wednesday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick
5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

3A4. Thursday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick
5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

3A5. Friday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick
5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

3A6. Saturday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick
5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

3A7. Sunday

1. Regular Day Off
2. Vacation
3. Furlough
4. Sick

5. Telecommuted (worked at home)
6. Compressed Work Week Day Off
7. Jury Duty
8. Other

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

3B. Please indicate type of compressed work schedule:

1. 4/40 (worked 40 hours in 4 days)
2. 3/36 (worked 36-40 hours in 3 days)
3. 9/80 (worked 80 hours in 9 days)
4. Other

TIMEA4. Arrival Time: Thursday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIME. During the week of March 28, 2011 to April 1, 2011, what time did you arrive at and leave from the UCSB Campus (or your UCSB worksite)?

TIMEA5. Arrival Time: Friday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEA1. Arrival Time: Monday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEA6. Arrival Time: Saturday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEA2. Arrival Time: Tuesday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

] TIMEA7. Arrival Time: Sunday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am

TIMEA3. Arrival Time: Wednesday

6. Did not travel to campus / UCSB Worksite

TIMEB1. Departure Time:  
Monday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEB2. Departure Time:  
Tuesday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEB3. Departure Time:  
Wednesday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEB4. Departure Time:  
Thursday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEB5. Departure Time: Friday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEB6. Departure Time:  
Saturday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

TIMEB7. Departure Time:  
Sunday

1. 12am to 6am
2. 6am to 9am
3. 9am to 12pm noon
4. 12 pm to 5pm
5. 5pm to 12am
6. Did not travel to campus / UCSB Worksite

DRIVER. Did you drive a motor vehicle to commute to the UCSB campus (or your UCSB worksite) during the week of March 28, 2011 to April 1, 2011?

1. Yes
2. No

54. If you are the driver of a motor vehicle used to commute to the UCSB campus (or your

UCSB worksite), please fill out the following information about the vehicle you used for your commute:

54A. Estimated miles per gallon of the motor vehicle you use to travel to campus

54B. What is the year of of the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite)?

1. 2012
2. 2011
3. 2010
4. 2009
5. 2008
6. 2007
7. 2006
8. 2005
9. 2004
10. 2003
11. 2002
12. 2001
13. 2000
14. 1999
15. 1998
16. 1997
17. 1996
18. 1995
19. 1994
20. 1993
21. 1992
22. 1991
23. 1990
24. 1989
25. 1988
26. 1987
27. 1986
28. 1985 or before
29. Unsure/Don't Know

54C. What is the make of the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite)?

1. Acura
2. Alfa
3. American Motors
4. Aston Martin
5. Audi
6. BMW
7. Bentley
8. Buick
9. Cadillac
10. Chevrolet
11. Chrysler
12. Daewoo
13. Daihatsu
14. Datsun
15. Delorean
16. Dodge
17. Eagle
18. Ferrari
19. Fiat
20. Fisker
21. Ford
22. Freightliner
23. GMC
24. Geo
25. Honda
26. Hummer
27. Hyundai
28. Infiniti
29. Isuzu
30. Jaguar
31. Jeep
32. Kia
33. Lamborghini
34. Lancia
35. Land Rover
36. Lexus
37. Lincoln
38. Lotus
39. MG
40. Maserati
41. Maybach

42. Mazda
43. Mercedes-Benz
44. Mercury
45. Merkur
46. Mini
47. Mitsubishi
48. Mosler
49. Nissan
50. Noble
51. Oldsmobile
52. Opel
53. Panoz
54. Peugeot
55. Pininfarina
56. Plymouth
57. Pontiac
58. Porsche
59. Renault
60. Rolls Royce
61. Roush
62. Saab
63. Saleen
64. Saturn
65. Scion
66. Shelby
67. Shelby Super Car
68. smart
69. Sterling
70. Subaru
71. Suzuki
72. Tesla
73. Toyota
74. Triumph
75. Volkswagen
76. Volvo
77. Other, not listed
78. Unsure / Don't know

54C2. Please write in the make of the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite)

54D. What is the model of the motor vehicle you use to travel to

the UCSB campus (or your UCSB worksite)?

54E. Is the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite) a Hybrid?

1. Hybrid
2. "Plug-in" Hybrid
3. No
4. Unsure/Don't know

54F. What fuel type does the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite) use?

1. Gasoline
2. Diesel
3. Bio-diesel
4. Ethanol-85
5. Electricity (not hybrid)
6. CNG
7. Other (specify)
8. Unsure / Don't know

COUNTY. In what county do you reside?

1. Santa Barbara County
2. San Luis Obispo County
3. Ventura County
4. Other

SBZIP. What is your RESIDENTIAL zip code? Please select from the list below:

1. 93013
2. 93014
3. 93067
4. 93101
5. 93102
6. 93103
7. 93105
8. 93107

9. 93108
10. 93109
11. 93110
12. 93111
13. 93116
14. 93117
15. 93118
16. 93120
17. 93121
18. 93130
19. 93140
20. 93150
21. 93160
22. 93190
23. 93199
24. 93254
25. 93427
26. 93429
27. 93434
28. 93436
29. 93437
30. 93438
31. 93440
32. 93441
33. 93454
34. 93455
35. 93456
36. 93457
37. 93458
38. 93460
39. 93463
40. 93464

- Glenn Annie and N. Fairview)
3. Area 3: North East Goleta (North of 101, East of N. Fairview)
4. Area 4: South East Goleta (East of 217/Ward Memorial Drive)
5. Area 5: Old Town Goleta (South of 101, from Los Carneros to 217)
6. Area 6: Isla Vista (South of El Colegio, from Campus to Deveraux area)
7. Area 7: South West Goleta (South of 101, West of Los Carneros and Isla Vista)
8. Other

SLOZIP. What is your RESIDENTIAL zip code? Please select from the list below:

1. 93401
2. 93402
3. 93403
4. 93405
5. 93406
6. 93407
7. 93408
8. 93409
9. 93410
10. 93412
11. 93420
12. 93421
13. 93422
14. 93423
15. 93424
16. 93428
17. 93430
18. 93432
19. 93433
20. 93435
21. 93442
22. 93443

MAP. Which area of Goleta do you live in? Please locate the numbered area on this map that includes your home, and select the corresponding number in the list below. If your home is not on this map, please select "Other."

1. Area 1: Northwest Goleta (North of 101, up to Glenn Annie)
2. Area 2: North Goleta (North of 101, between

- 23.93444
- 24.93445
- 25.93446
- 26.93447
- 27.93448
- 28.93449
- 29.93451
- 30.93452
- 31.93453
- 32.93461
- 33.93465
- 34.93475
- 35.93483

VENTURAZIP. What is your RESIDENTIAL zip code? Please select from the list below

- 1. 91319
- 2. 91320
- 3. 91358
- 4. 91359
- 5. 91360
- 6. 91361
- 7. 91362
- 8. 91377
- 9. 93001
- 10.93002
- 11.93003
- 12.93004
- 13.93005
- 14.93006
- 15.93007
- 16.93009
- 17.93010
- 18.93011
- 19.93012
- 20.93015
- 21.93016
- 22.93020
- 23.93021
- 24.93022
- 25.93023
- 26.93024
- 27.93030

- 28.93031
- 29.93032
- 30.93033
- 31.93034
- 32.93035
- 33.93036
- 34.93040
- 35.93041
- 36.93042
- 37.93043
- 38.93044
- 39.93060
- 40.93061
- 41.93062
- 42.93063
- 43.93064
- 44.93065
- 45.93066
- 46.93094
- 47.93099

OTHERZIP. What is your RESIDENTIAL zip code?

MILES. Approximately how many miles do you commute one-way from your residence to the UCSB campus (or your UCSB worksite)? Whole miles only, please round to nearest unit:

WL1. Are you aware of the UCSB Flexwork Program?

- 1. Yes
- 2. Yes, I heard about it but I'm not familiar with the details
- 3. Yes, I heard about it but I'm not familiar with the details



WL2. What is your current work schedule?

1. Regular 5/40 work week (work 40 hours in 5 days)
2. 4/40 (work 40 hours in 4 days)
3. 3/36 (work 36-40 hours in 3 days)
4. 9/80 (work 80 hours in 9 days)
5. Telecommute from home 1 day/week
6. Telecommute from home 2 days/week
7. Telecommute from home more than 2 days/week
8. Flexible time
9. Other

WL3. In your opinion, would your job duties allow for (check all that apply)

1. Telecommuting
2. Compressed work week schedule
3. None of the above

TC1. What best describes your situation:

1. I am interested in telecommuting
2. I am interested in telecommuting, but I don't have the necessary equipment or expertise
3. I am not interested in telecommuting

TC2. How comfortable would you be talking to your supervisor about telecommuting?

1. Very comfortable
2. Comfortable
3. Neutral
4. Uncomfortable
5. Very uncomfortable

TC3. If your supervisor offered you telecommuting equipment, how often do you think you would telecommute on average?

1. Less than one day per week
2. One day per week
3. Two days per week
4. Three days per week
5. Four days per week
6. Everyday

CW1. What best describes your situation:

1. I am interested in an alternative work schedule/compressed work week.
2. I am not interested in an alternative work schedule/compressed work week.

CW2. If you could choose, what do you think would work best for you and still be compatible with your work duties?

1. Regular 5/40 work week (work 40 hours in 5 days)
2. 4/40 (work 40 hours in 4 days)
3. 3/36 (work 36-40 hours in 3 days)
4. 9/80 (work 80 hours in 9 days)
5. Other

CW3. How comfortable would you be talking to your supervisor about alternative work schedule/compressed work week?

1. Very comfortable
2. Comfortable
3. Neutral
4. Uncomfortable
5. Very uncomfortable

SUPER. Do you supervise any employees?

1. Yes
2. No

SUPER1A. If your employees' job duties permitted it, would you agree to allow them to:  
Telecommute

1. Yes
2. No

SUPER1B. If your employees' job duties permitted it, would you agree to allow them to: Choose an alternative or compressed work schedule

1. Yes
2. No

COMMENT. We are looking for your input and insight about implementing a programs to make it more convenient to use alternative transportation in your commute to campus (or your UCSB worksite). What are the main challenges that prevent you from using alternative modes of transportation (as opposed to a

single occupancy vehicle) in your commute to campus or your UCSB worksite? If you already are an alternative transportation user, please tell us how we can improve!

## Question # 1

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"Are you...?"

	Frequency	Percent
Faculty/Lecturer	119	6.2
Staff	214	11.3
Post-doctoral fellow	19	1.0
Graduate student	211	11.1
Undergraduate student	1335	70.1
Other: Specify	6	.3
Total	1904	100.0
Missing	13	

## Question # LIVING

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*"Where do you currently live?"*

	Undergraduate students	Total
On-Campus Resident Halls	33.4%	33.4%
University Owned Off-Campus Housing	6.4%	6.4%
Isla Vista	49.5%	49.5%
Other	10.8%	10.8%
Total	100.0%	100.0%

## Question # LIVING2

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*"Do you currently live in university owned or subsidized housing?"*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Yes	4.4%	1.4%	43.8%	50.0%	18.2%
No	95.6%	98.6%	56.2%	50.0%	81.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

## Question # 2A1

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Monday, March 28th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	47.4%	54.7%	13.9%	6.2%	15.6%
2 Persons in private vehicle	10.2%	11.2%	7.7%	1.8%	4.1%
More than 2 persons in a private vehicle	.7%	1.9%	.5%	.2%	.5%
Bicycle	13.9%	6.5%	36.1%	54.5%	44.1%
Skateboard	.7%			5.2%	3.7%
Vanpool	.7%	4.7%	.5%		.6%
Long distance bus	.7%	1.9%	.5%	.2%	.4%
Electric bicycle or Segway		.0%	.5%		.1%
Motorcycle / Moped	.7%	.9%	1.4%	.4%	.6%
Local MTD Bus	3.6%	7.0%	15.4%	5.4%	6.5%
Train	.7%		.5%	.4%	.4%
Walked or jogged	.7%	1.4%	7.2%	20.3%	15.3%
Did not travel to campus/your UCSB worksite	19.7%	9.8%	15.9%	5.4%	8.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

## Question # 2A2

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Tuesday March 29th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	47.8%	54.9%	17.3%	5.1%	15.3%
2 Persons in private vehicle	10.1%	11.6%	4.8%	1.5%	3.7%
More than 2 persons in a private vehicle	1.4%	1.4%	.5%	.2%	.4%
Bicycle	13.0%	7.9%	37.5%	56.3%	45.5%
Skateboard	.7%		1.0%	5.5%	4.0%
Vanpool		4.7%	.5%		.6%
Long distance bus	1.4%	1.4%	.5%	.4%	.6%
Electric bicycle or Segway		.5%			.1%
Motorcycle / Moped	.7%	.9%	1.0%	.5%	.6%
Local MTD Bus	2.9%	7.9%	15.4%	5.8%	6.9%
Walked or jogged	.7%	.9%	7.2%	20.8%	15.6%
Did not travel to campus/your UCSB worksite	21.0%	7.9%	14.4%	3.9%	6.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

**Question # 2A3**

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Wednesday, March 30th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	46.7%	54.9%	16.9%	5.4%	15.3%
2 Persons in private vehicle	8.0%	12.2%	8.2%	1.5%	3.9%
More than 2 persons in a private vehicle	1.5%	1.4%	.5%	.2%	.4%
Bicycle	14.6%	8.0%	36.7%	56.1%	45.5%
Skateboard	.7%		.5%	5.0%	3.6%
Vanpool		4.7%	.5%		.6%
Long distance bus	1.5%	1.9%	1.0%	.5%	.7%
Electric bicycle or Segway		.0%			.0%
Motorcycle / Moped	.7%	.9%	1.0%	.4%	.5%
Local MTD Bus	4.4%	8.0%	15.5%	6.1%	7.2%
Train	.7%		.5%		.1%
Walked or jogged	.7%	.9%	8.2%	20.8%	15.7%
Did not travel to campus/your UCSB worksite	20.4%	7.0%	10.6%	4.2%	6.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%



**Question # 2A4**

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Thursday, March 31st.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	45.7%	54.9%	18.2%	5.2%	15.2%
2 Persons in private vehicle	10.1%	12.7%	4.8%	1.0%	3.4%
More than 2 persons in a private vehicle	1.4%	1.9%	1.0%	.2%	.5%
Bicycle	13.8%	7.5%	38.3%	56.2%	45.6%
Skateboard	.7%	.0%	.5%	5.6%	4.0%
Vanpool		4.2%	.5%		.5%
Long distance bus	1.4%	1.4%	.5%	.5%	.6%
Electric bicycle or Segway		.0%			.0%
Motorcycle / Moped	.7%	1.4%	1.0%	.4%	.6%
Local MTD Bus	2.9%	6.6%	15.3%	6.2%	7.0%
Train			.5%		.1%
Walked or jogged	1.4%	1.4%	7.7%	20.9%	15.8%
Did not travel to campus/your UCSB worksite	21.7%	8.0%	12.0%	3.9%	6.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

## Question # 2A5

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Friday, April 1st.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	41.6%	54.5%	15.9%	4.6%	14.2%
2 Persons in private vehicle	10.2%	8.9%	6.3%	1.3%	3.4%
More than 2 persons in a private vehicle	.7%	1.4%	1.4%	.4%	.6%
Bicycle	12.4%	7.0%	31.4%	49.0%	39.6%
Skateboard	.7%		.5%	5.2%	3.8%
Vanpool	.7%	3.8%	.5%		.5%
Long distance bus	1.5%	1.4%		.2%	.4%
Electric bicycle or Segway		.5%			.1%
Motorcycle / Moped	.7%	.5%	1.9%	.4%	.6%
Local MTD Bus	1.5%	6.6%	12.1%	6.4%	6.7%
Train			.5%		.1%
Walked or jogged	.7%	.9%	6.3%	18.2%	13.6%
Did not travel to campus/your UCSB worksite	29.2%	14.6%	23.2%	14.2%	16.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

**Question # 2A6**

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Saturday, April 2nd.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	12.4%	9.0%	9.7%	2.0%	4.4%
2 Persons in private vehicle	1.5%	1.4%	3.4%	1.5%	1.7%
More than 2 persons in a private vehicle	.7%	.5%	.5%	.7%	.6%
Bicycle	2.2%	.9%	9.7%	25.0%	18.9%
Skateboard				2.9%	2.0%
Vanpool		.5%	.5%	.2%	.2%
Long distance bus		.5%		.2%	.2%
Electric bicycle or Segway			.5%		.1%
Motorcycle / Moped		.0%	.5%	.5%	.4%
Local MTD Bus	.7%	.5%	3.4%	3.3%	2.8%
Train				.2%	.1%
Walked or jogged	.7%		4.8%	13.2%	9.9%
Did not travel to campus/your UCSB worksite	81.8%	86.8%	67.1%	50.5%	58.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

## Question # 2A7

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*“During the week of March 28, 2011 to April 1, 2011, how did you travel to the UCSB campus (or UCSB worksite)? Please choose a mode of travel for each day. If you did not travel to work on a particular day, click on the “Did not travel to campus” radio button. Sunday, April 3rd.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Drove alone	11.6%	8.0%	9.2%	2.3%	4.4%
Persons in private vehicle	.7%	.9%	1.0%	1.1%	1.0%
More than 2 persons in a private vehicle		.0%	.5%	1.2%	.9%
Bicycle	2.9%	.9%	9.7%	23.2%	17.7%
Skateboard				3.0%	2.1%
Vanpool		.5%		.2%	.2%
Long distance bus		.5%		.2%	.2%
Motorcycle / Moped				.4%	.3%
Local MTD Bus	.7%	.5%	2.4%	2.3%	2.0%
Train				.2%	.2%
Walked or jogged		.0%	3.9%	12.9%	9.5%
Did not travel to campus/your UCSB worksite	84.1%	88.7%	73.3%	53.1%	61.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

### Question # 3A1

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*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Monday, March 28th."*

	Faculty	Staff	Total
Regular Day Off	14.3%	23.1%	18.5%
Vacation	3.6%	46.2%	24.1%
Sick		3.8%	1.9%
Telecommuted (worked at home)	32.1%	11.5%	22.2%
Compressed Work Week Day Off	3.6%	.0%	1.9%
Jury Duty		3.8%	1.9%
Other	46.4%	11.5%	29.6%
Total	100.0%	100.0%	100.0%

## Question # 3A2

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*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Tuesday, March 29th."*

	Faculty	Staff	Total
Regular Day Off	16.7%	10.5%	14.3%
Vacation	3.3%	52.6%	22.4%
Sick	3.3%	5.3%	4.1%
Telecommuted (worked at home)	33.3%	15.8%	26.5%
Compressed Work Week Day Off	3.3%		2.0%
Other	40.0%	15.8%	30.6%
Total	100.0%	100.0%	100.0%

### Question # 3A3

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*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Wednesday, March 30th."*

	Faculty	Staff	Total
Regular Day Off	6.9%	16.7%	10.6%
Vacation	3.4%	61.1%	25.5%
Sick	3.4%	5.6%	4.3%
Telecommuted (worked at home)	31.0%	5.6%	21.3%
Compressed Work Week Day Off	3.4%		2.1%
Other	51.7%	11.1%	36.2%
Total	100.0%	100.0%	100.0%

### Question # 3A4

---

*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Thursday, March 31st."*

	Faculty	Staff	Total
Regular Day Off	16.7%	13.6%	15.4%
Vacation	3.3%	54.5%	25.0%
Sick		9.1%	3.8%
Telecommuted (worked at home)	30.0%	9.1%	21.2%
Compressed Work Week Day Off	3.3%		1.9%
Other	46.7%	13.6%	32.7%
Total	100.0%	100.0%	100.0%



### Question # 3A5

---

*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Friday, April 1st."*

	Faculty	Staff	Total
Regular Day Off	17.9%	20.0%	18.9%
Vacation	10.3%	45.7%	27.0%
Sick		14.3%	6.8%
Telecommuted (worked at home)	30.8%	5.7%	18.9%
Compressed Work Week Day Off		5.7%	2.7%
Other	41.0%	8.6%	25.7%
Total	100.0%	100.0%	100.0%

### Question # 3A6

---

*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Saturday, April 2nd."*

	Faculty	Staff	Total
Regular Day Off	69.0%	93.9%	83.9%
Vacation	1.0%	2.0%	1.6%
Sick		.0%	.0%
Telecommuted (worked at home)	17.0%	.7%	7.3%
Compressed Work Week Day Off	1.0%	.0%	.4%
Other	12.0%	3.4%	6.9%
Total	100.0%	100.0%	100.0%

**Question # 3A7**

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*"If during the week of March 28, 2011 to April 1, 2011, if you DID NOT travel to campus on any particular day, please indicate the reason below. Sunday, April 3rd."*

	Faculty	Staff	Total
Regular Day Off	70.3%	93.4%	84.2%
Vacation	1.0%	2.6%	2.0%
Sick		.0%	.0%
Telecommuted (worked at home)	15.8%	.0%	6.3%
Compressed Work Week Day Off	1.0%	.0%	.4%
Other	11.9%	3.9%	7.1%
Total	100.0%	100.0%	100.0%

### Question # 3B

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*"Please indicate type of compressed work schedule"*

	Faculty	Staff	Total
4/40 (worked 40 hours in 4 days)		33.3%	16.7%
9/80 (worked 80 hours in 9 days)	33.3%	33.3%	33.3%
Other	66.7%	33.3%	50.0%
Total	100.0%	100.0%	100.0%

"

**Question #TIMEA1**

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*“During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Monday, March 28th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am	.9%	1.0%	.5%	2.5%	2.0%
6am to 9am	47.0%	82.6%	40.1%	32.9%	40.5%
9am to 12pm noon	38.3%	8.5%	39.6%	43.8%	38.8%
12 pm to 5pm	5.2%	2.0%	7.5%	12.3%	10.1%
5pm to 12am	.9%	.0%	.5%	1.4%	1.1%
Did not travel to campus / UCSB Worksite	7.8%	6.0%	11.8%	7.1%	7.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #TIMEA2

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*“During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Tuesday, March 29th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am	2.6%	2.0%	1.1%	2.5%	2.3%
6am to 9am	44.8%	80.7%	36.4%	34.4%	40.8%
9am to 12pm noon	34.5%	10.4%	42.8%	43.1%	38.6%
12 pm to 5pm	5.2%	2.0%	9.1%	12.9%	10.7%
5pm to 12am	.9%	.5%	.5%	1.1%	.9%
Did not travel to campus / UCSB Worksite	12.1%	4.5%	10.2%	5.9%	6.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEA3**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Wednesday, March 30th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am	1.7%	2.5%	1.1%	2.5%	2.3%
6am to 9am	47.8%	81.4%	41.5%	35.2%	42.2%
9am to 12pm noon	34.8%	10.1%	41.0%	42.2%	37.8%
12 pm to 5pm	6.1%	2.0%	10.1%	12.0%	10.2%
5pm to 12am		.5%	.5%	2.1%	1.6%
Did not travel to campus / UCSB Worksite	9.6%	3.5%	5.9%	6.0%	5.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEA4**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Thursday, March 31st.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am	1.8%	3.0%	1.1%	2.9%	2.7%
6am to 9am	43.9%	78.1%	36.9%	34.3%	40.4%
9am to 12pm noon	39.5%	10.4%	42.2%	43.6%	39.2%
12 pm to 5pm	4.4%	2.5%	11.8%	12.1%	10.4%
5pm to 12am		.5%	.5%	.8%	.7%
Did not travel to campus / UCSB Worksite	10.5%	5.5%	7.5%	6.3%	6.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”



## Question #TIMEA5

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Friday, April 1st.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am	1.8%	3.0%	2.2%	2.0%	2.2%
6am to 9am	37.2%	74.6%	33.9%	27.1%	34.1%
9am to 12pm noon	38.9%	10.2%	33.3%	38.5%	34.6%
12 pm to 5pm	3.5%	2.5%	9.3%	11.6%	9.8%
5pm to 12am		.0%	2.2%	1.6%	1.4%
Did not travel to campus / UCSB Worksite	18.6%	9.6%	19.1%	19.1%	18.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEA6**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Saturday, April 2nd.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am	1.0%	.0%	.6%	1.5%	1.2%
6am to 9am	2.0%	6.9%	5.7%	5.1%	5.1%
9am to 12pm noon	7.9%	4.0%	10.9%	12.5%	11.1%
12 pm to 5pm	11.9%	1.7%	14.4%	9.7%	9.5%
5pm to 12am	1.0%	1.2%	.6%	3.1%	2.5%
Did not travel to campus / UCSB Worksite	76.2%	86.1%	67.8%	68.1%	70.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #TIMEA7

---

*"During the week of March 28, 2011 to April 1, 2011, what time did you arrive at the UCSB Campus (or your UCSB worksite)? Sunday, April 3rd."*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am		.0%	.6%	1.5%	1.1%
6am to 9am	3.0%	5.8%	4.7%	5.2%	5.1%
9am to 12pm noon	9.0%	2.3%	6.4%	11.5%	9.8%
12 pm to 5pm	8.0%	2.3%	11.6%	7.2%	7.2%
5pm to 12am	1.0%	1.2%	3.5%	5.5%	4.5%
Did not travel to campus / UCSB Worksite	79.0%	88.3%	73.3%	69.1%	72.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEB1**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Monday, March 28th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am		.0%	1.7%	1.6%	1.3%
6am to 9am	.9%	1.5%	1.1%	2.1%	1.9%
9am to 12pm noon	1.8%	.5%	2.8%	10.0%	7.6%
12 pm to 5pm	30.3%	44.3%	26.3%	50.5%	45.8%
5pm to 12am	62.4%	47.9%	58.7%	28.8%	36.4%
Did not travel to campus / UCSB Worksite	4.6%	5.7%	9.5%	7.0%	6.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #TIMEB2

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Tuesday, March 29th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am		.5%	1.1%	1.1%	1.0%
6am to 9am		1.5%	.5%	2.1%	1.7%
9am to 12pm noon	1.9%	1.0%	2.7%	7.5%	5.9%
12 pm to 5pm	27.8%	42.6%	27.5%	50.3%	45.4%
5pm to 12am	61.1%	50.3%	59.3%	33.2%	39.9%
Did not travel to campus / UCSB Worksite	9.3%	4.1%	8.8%	5.8%	6.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEB3**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Wednesday, March 30th.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am		.5%	1.1%	1.2%	1.0%
6am to 9am	.9%	1.5%	1.1%	1.9%	1.7%
9am to 12pm noon	.9%	1.0%	3.8%	8.7%	6.7%
12 pm to 5pm	29.4%	45.2%	32.2%	53.4%	48.5%
5pm to 12am	61.5%	48.2%	56.8%	29.2%	36.6%
Did not travel to campus / UCSB Worksite	7.3%	3.6%	4.9%	5.6%	5.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEB4**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Thursday, March 31st.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am		.5%	1.1%	1.5%	1.2%
6am to 9am	.9%	1.5%	1.1%	1.9%	1.7%
9am to 12pm noon	1.8%	.5%	2.7%	9.5%	7.2%
12 pm to 5pm	25.7%	44.7%	30.1%	52.8%	47.5%
5pm to 12am	62.4%	47.7%	58.5%	28.4%	36.3%
Did not travel to campus / UCSB Worksite	9.2%	5.1%	6.6%	5.9%	6.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #TIMEB5

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Friday, April 1st.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am		.5%	1.1%	1.4%	1.2%
6am to 9am		1.6%	1.1%	1.9%	1.7%
9am to 12pm noon	1.9%	.5%	3.4%	16.2%	12.0%
12 pm to 5pm	31.8%	45.6%	26.4%	44.5%	41.8%
5pm to 12am	50.5%	42.5%	50.0%	17.8%	26.5%
Did not travel to campus / UCSB Worksite	15.9%	9.3%	18.0%	18.2%	16.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”



## Question #TIMEB6

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Saturday, April 2nd.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am			1.8%	1.5%	1.3%
6am to 9am		.6%		.7%	.6%
9am to 12pm noon	3.4%	1.8%	3.0%	3.0%	2.9%
12 pm to 5pm	11.2%	7.1%	14.2%	15.3%	14.1%
5pm to 12am	12.4%	5.3%	14.8%	12.6%	12.0%
Did not travel to campus / UCSB Worksite	73.0%	85.2%	66.3%	66.8%	69.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

**Question #TIMEB7**

---

*“During the week of March 28, 2011 to April 1, 2011, what time did you depart the UCSB Campus (or your UCSB worksite)? Sunday, April 3rd.”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
12am to 6am			1.2%	1.5%	1.2%
6am to 9am		.0%	.6%	.5%	.4%
9am to 12pm noon	2.2%	1.2%	2.4%	1.8%	1.8%
12 pm to 5pm	9.0%	5.9%	9.7%	14.0%	12.3%
5pm to 12am	12.4%	5.3%	13.3%	13.8%	12.7%
Did not travel to campus / UCSB Worksite	76.4%	87.6%	72.7%	68.4%	71.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #DRIVER

---

*“Did you drive a motor vehicle to commute to the UCSB campus (or your UCSB worksite) during the week of March 28, 2011 to April 1, 2011?”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Yes	94.5%	93.6%	86.9%	74.9%	86.5%
No	5.5%	6.4%	13.1%	25.1%	13.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #54A

---

*“Estimated miles per gallon of the motor vehicle you use to travel to campus”*

N	Valid	481
	Missing	1436
Mean		24.60
Median		25.00
Mode		25

”

## Question #54B

---

*“What is the year of of the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite)?”*

N	Valid	492
	Missing	1425
Mean		2002.3
Median		2003
Mode		2001

”

## Question #54E

---

*"Is the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite) a Hybrid?"*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Hybrid	9.6%	6.3%	5.5%	2.2%	5.7%
No	90.4%	93.1%	94.5%	93.4%	92.9%
Unsure / Do not know		.6%		4.4%	1.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #54F

---

*“What fuel type does the motor vehicle you use to travel to the UCSB campus (or your UCSB worksite) use?”*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Gasoline	98.1%	99.4%	100.0%	98.5%	99.0%
Diesel	1.0%	.0%			.2%
Bio-diesel		.0%			.0%
Ethanol-85		.0%			.0%
Other		.6%			.2%
Unsure / Do not know	1.0%			1.5%	.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”

## Question #COUNTY

---

*"In what county do you reside?"*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Santa Barbara County	90.8%	93.8%	89.9%	88.0%	89.1%
San Luis Obispo County	.8%	.5%	1.0%	.2%	.3%
Ventura County	5.3%	4.8%	3.5%	2.1%	2.8%
Other	3.1%	1.0%	5.6%	9.8%	7.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

”



## Question #MAP

---

*"Which area of Goleta do you live in? Please locate the numbered area on this map that includes your home, and select the corresponding number in the list below. If your home is not on this map, please select "Other."*

	Faculty	Staff	Graduate students	Undergraduate students	Total
Area 1: Northwest Goleta (North of 101, up to Glenn Annie)	14.6%	24.5%	5.6%	2.2%	4.4%
Area 2: North Goleta (North of 101, between Glenn Annie and N. Fairview)	14.6%	18.9%	3.7%	1.9%	3.6%
Area 3: North East Goleta (North of 101, East of N. Fairview)	12.2%	3.8%			.7%
Area 4: South East Goleta (East of 217/Ward Memorial Drive)		.0%	1.9%	1.2%	1.2%
Area 5: Old Town Goleta (South of 101, from Los Carneros to 217)	9.8%	9.4%	6.5%	.8%	2.4%
Area 6: Isla Vista (South of El Colegio, from Campus to Deveraux area)	14.6%	7.5%	43.9%	84.4%	72.3%
Area 7: South West Goleta (South of 101, West of Los Carneros and Isla Vista)	34.1%	35.8%	34.6%	8.7%	14.3%
Other		.0%	3.7%	.8%	1.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%
					%

## Question #MILES

---

*“Approximately how many miles do you commute one-way from your residence to the UCSB campus (or your UCSB worksite)?”*

N	Valid	1725
	Missing	192
Mean		7.91
Median		1.00
Mode		1

## Question #WL1

---

*“Are you aware of the UCSB Flexwork Program?”*

	Staff	Total
Yes	29.6%	29.6%
Yes, I heard about it but I'm not familiar with the details	28.6%	28.6%
No	41.7%	41.7%
Total	100.0%	100.0%

## Question #WL2

---

*"What is your current work schedule?"*

	Staff	Total
Regular 5/40 work week (work 40 hours in 5 days)	82.8%	82.8%
4/40 (work 40 hours in 4 days)	1.5%	1.5%
3/36 (work 36-40 hours in 3 days)	.0%	.0%
9/80 (work 80 hours in 9 days)	2.0%	2.0%
Telecommute from home 1 day/week	.5%	.5%
Telecommute from home more than 2 days/week	.0%	.0%
Flexible time	4.5%	4.5%
Other	8.6%	8.6%
Total	100.0%	100.0%

**Question #WL3**

---

*"In your opinion, would your job duties allow for (check all that apply):"*

		Staff	Total
In your opinion, would your job duties allow for Telecommuting	Count	64	64
	% within group	39.0%	
In your opinion, would your job duties allow for Compressed work week schedule	Count	75	75
	% within group	45.8%	
None of the above	Count	70	70
	% within group	43.0%	
Total	Count	164	164

## Question #TC1

---

*"What best describes your situation:"*

	Staff	Total
I am interested in telecommuting	74.6%	74.6%
I am interested in telecommuting, but I don't have the necessary equipment or expertise	12.7%	12.7%
I am not interested in telecommuting	12.7%	12.7%
Total	100.0%	100.0%

## Question #TC2

---

*"How comfortable would you be talking to your supervisor about telecommuting?:"*

	Staff	Total
Very comfortable	40.0%	40.0%
Comfortable	21.8%	21.8%
Neutral	20.0%	20.0%
Uncomfortable	14.5%	14.5%
Very uncomfortable	3.6%	3.6%
Total	100.0%	100.0%

### Question #TC3

---

*"If your supervisor offered you telecommuting equipment, how often do you think you would telecommute on average?:"*

	Staff	Total
Less than one day per week	10.0%	10.0%
One day per week	45.0%	45.0%
Two days per week	35.0%	35.0%
Three days per week	10.0%	10.0%
Four days per week	.0%	.0%
Everyday	.0%	.0%
Total	100.0%	100.0%



## Question #CW1

---

*"What best describes your situation:"*

	Staff	Total
I am interested in an alternative work schedule/compressed work week.	80.0%	80.0%
I am not interested in an alternative work schedule/compressed work week.	20.0%	20.0%
Total	100.0%	100.0%

## Question #CW2

---

*"If you could choose, what do you think would work best for you and still be compatible with your work duties?"*

	Staff	Total
Regular 5/40 work week (work 40 hours in 5 days)	8.3%	8.3%
4/40 (work 40 hours in 4 days)	58.3%	58.3%
3/36 (work 36-40 hours in 3 days)	3.3%	3.3%
9/80 (work 80 hours in 9 days)	21.7%	21.7%
Other	8.3%	8.3%
Total	100.0%	100.0%

### Question #CW3

---

*"How comfortable would you be talking to your supervisor about alternative work schedule/compressed work week?"*

	Staff	Total
Very comfortable	31.7%	31.7%
Comfortable	26.7%	26.7%
Neutral	25.0%	25.0%
Uncomfortable	13.3%	13.3%
Very uncomfortable	3.3%	3.3%
Total	100.0%	100.0%

**Question #SUPER**

---

*“Do you supervise any employees?”*

	Staff	Total
Yes	42.4%	42.4%
No	57.6%	57.6%
Total	100.0%	100.0%

## Question #SUPER 1A1

---

*"If your employees' job duties permitted it, would you agree to allow them to: Telecommute"*

	Staff	Total
Yes	60.2%	60.2%
No	39.8%	39.8%
Total	100.0%	100.0%

**Question #SUPER 1A2**

---

*"If your employees' job duties permitted it, would you agree to allow them to: Choose an alternative or compressed work schedule."*

	Staff	Total
Yes	82.4%	82.4%
No	17.6%	17.6%
Total	100.0%	100.0%

---

# Appendix 1

## UCSB Commuter Mode-Split Data : indicator data

Faculty/Staff	1986-87 (11)	1991-1992 (12)	Fall 2002 (13)	2006 (14)	2008 (18)	2010 (19)	2011 (20)
<b>Single Occupant</b>							
<b>Motor Vehicle</b>	78%	79%	68%	65%	53%	55%	51%
<b>Motorcycle</b>	n/a	n/a	n/a	n/a	1%	1%	1%
<b>Did not travel to campus</b>	n/a	n/a	n/a	n/a	11%	11%	15%
<b>Carpool/vanpool</b>	8%	12%	16%	17%	18%	16%	16%
<b>Bus</b>	4%	4%	5%	7%	6%	6%	6%
<b>Bike</b>	9%	6%	10%	9%	9%	10%	10%
<b>Walk</b>	2%	2%	1%	1%	1%	1%	1%
<b>Other</b>	n/a	n/a	n/a	n/a	3%	0%	1%
<b>Total alt transportation</b>	23%	24%	32%	34%	34%	32%	34%

Students	1991-92 (12)		Fall 2002 (17)		2010 (19)		2011 (20)
<b>Single Occupant</b>							
<b>Motor Vehicle</b>	22%	4,130	19%	3,906		11%	7%
<b>Motorcycle</b>	n/a	n/a	n/a	n/a		1%	1%
<b>Did not travel to campus</b>	n/a	n/a	n/a	n/a		9%	8%
<b>Carpool/Vanpool</b>	3%	463	3%	617		4%	3%
<b>Bus</b>	5%	944	6%	1,234		10%	7%
<b>Bike</b>	53%	9,815	49%	10,074		46%	51%
<b>Walk</b>	15%	2,778	23%	4,729		17%	18%
<b>Other</b>	n/a	n/a	n/a	n/a		4%	6%
<b>Total alt transportation</b>	76%	14,000	81%	16,653		80%	85%

11 "Housing and Transportation Survey: Survey and Cross Tab Data." Santa Barbara, California: University of California, Santa Barbara, Office of Budget and Planning, May 1987.

12 "University of California, Santa Barbara, Student, Faculty, and Staff Housing and Transportation Survey." Ira Fink and Associates, Inc. June 1992.

13 UCSB Budget and Planning Fall 2002 Housing Survey Results for Primary Commute Mode.

14 2006 Faculty and Staff Housing Survey prepared by Institutional Research

15 To and From Campus: Changing Student Transportation Patterns. Prepared by Ira Fink. Berkeley, California: University of California, Office of the President, October 1974, p. 250.

16 University of California, Santa Barbara, Student Housing and Transportation Survey, Winter Quarter 1975, Unpublished Data.

17 UCSB Budget and Planning Fall 2002 Survey Results for Primary Commute Mode.

18 UCSB Budget and Planning Fall 2008 Housing Survey Results for Primary Commute Mode.

19 UCSB Social Science Survey Center Winter 2010 UCSB Transportation Study.

20 UCSB Social Science Survey Center Spring 2011 UCSB Transportation Study.

