**2017 University of Wisconsin-Milwaukee Transportation Survey**

**Summary of Commute Impacts for UWM Greenhouse Gas Inventory**

**Prepared by University of Wisconsin-Milwaukee Department of Urban Planning**

Josie Willman, Masters Student

Robert J. Schneider, PhD, Associate Professor

**Prepared for University of Wisconsin-Milwaukee Office of Sustainability**

Kate M. Nelson, Chief Sustainability Officer

John Gardner, Program & Policy Analyst

**FINAL DRAFT**

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**Background**

The UW-Milwaukee (UWM) Transportation Survey is a survey of the commuting practices of the entire UWM community, including students, faculty, and staff.  The survey is used to collect key data used in UWM’s Greenhouse Gas Inventory and to inform the campus’s transportation initiatives. The survey gathers information about modes of transportation to campus, the distance from place of residence to campus, and attitudes regarding walking, bicycling, and taking the bus to UWM. Knowledge gained from the survey is intended help UWM offer better transportation amenities, incentives, and programs to the campus population.

The UWM Transportation Survey was first conducted by the UWM Office of Sustainability in fall 2008. Subsequent surveys have been conducted in fall 2012, fall 2014, and fall 2017. This document describes the 2017 survey.

**Survey Design**

Qualtrics survey software was used to design the 2017 UWM Transportation Survey. The survey included a combination of qualitative (open-ended) and quantitative questions. These questions identified the following:

* Respondent status at UWM (e.g., student, staff, faculty);
* Respondent primary mode of transportation to campus;
* Difference in mode of transportation by day;
* Percentage of time spent using different transportation modes throughout the semester;
* One-way commute distance;
* Changes in commute habits over time;
* Strategies to encourage walk, bicycle, and bus commuting; and
* Demographics.

While some of the 2017 UWM Transportation Survey questions were new, a core set of questions have been asked consistently since the survey was first conducted in 2008. These include respondent status at UWM, primary mode of transportation to campus, and one-way commute distance. The full survey instrument is included in Appendix A.

**Survey Distribution**

Like all previous UWM Transportation Surveys, the target population of the 2017 survey was all UWM students, faculty, and staff who commuted to campus in Spring 2017, Summer 2017, or Fall 2017 semesters. The sampling frame was all students, faculty, and staff with a current UWM e-mail account. The survey was distributed by email to the entire sampling frame. This was done by sending an anonymous Qualtrics survey link to all UWM e-mail addresses. The survey was initially distributed on Wednesday, November 1, 2017. Follow-up reminder emails were distributed on Monday, November 6 and Tuesday, November 14. The survey remained open from November 1 until November 19, a total of 19 days. Throughout this period, a total of 4,216 unique individuals opened the survey, resulting in a raw response rate of 14.5% of the campus population (29,012 people).

Of 4,216 raw survey responses, 3,460 (11.9% of the campus population) were determined to be complete enough to use for the greenhouse gas inventory commuting analysis. Specifically, 211 opened the survey but did not answer any questions, 43 declined to participate (responded “no” to the first question about participating), 42 agreed to participate but did not answer any questions, and 460 agreed to participate but did not answer enough questions to determine their commuting behavior.

Figure 1 summarizes the number of responses by completeness by day. The majority of responses were received the first day the first day of distribution. Other spikes in responses occurred on November 6 and November 19 when reminder emails were distributed.

*Figure 1. Total Survey Responses by Day*



There were notable differences in response rate by status at UWM. Survey responses that were complete enough to be used for analysis were provided by more than 55% of employees but only 17% of faculty and 8% of students (Table 1).

*Table 1. Survey Responses for UWM Students, Faculty, and Staff*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Classification** | **Campus**  **Head Count** | **Raw Responses** | **Responses Used for Analysis** | **Analysis Response Rate** |
| Student | 25,412 | 2,482 | 2,105 | 8.28% |
| Faculty | 1,657 | 300 | 284 | 17.14% |
| Staff | 1,943 | 1,138 | 1,071 | 55.12% |
| No response |  | 296 |  |  |
| *Total* | *29,012* | *4,216* | *3,460* | *11.93%* |

**Data Analysis**

The 3,460 complete responses represent 11.9% of the total campus population. However, only 2,938 of these respondents provided their primary commute mode for the Fall 2017 semester. The reasons respondents did not provide their primary commute mode were that they did not commute to UWM (332 respondents), lived in Sandburg/Purin Halls (135), were enrolled in Spring semester only (38), or were enrolled in Summer semester only (17).

Additionally, all UWM campus locations (e.g., Kenilworth Campus, School of Freshwater Sciences, School of Public Health, and School of Continuing Education) are considered together in the analysis for a complete understanding of UWM commute impacts.

**Results**

The following sections summarize primary commute modes, commute distances, and commute frequencies reported by respondents. Each section is organized into separate categories for students, faculty, and staff. The data summarized below are for the Fall 2017 semester. The concluding section provides additional information to compare Fall 2017 with the Spring 2017 and Summer 2017 semesters.

Primary Commute Mode

The majority of student respondents drive alone to campus (44.1%). The next most common modes of transportation for students are bus (34.2%), walk (11.2%), bicycle (4.8%), and carpool/drop-off (4%).

The same general pattern can be seen for faculty and staff respondent categories, with drive alone making up the largest share of commutes. However, staff have the highest share of drive alone and carpool commuting. Other notable differences are that students have the highest share of bus and walk commuting and faculty have highest share of bicycle commuting. Table 2 summarizes the percent breakdown of the primary modes of transportation used by UWM students, faculty, and staff for their commute to campus. The full breakdown with all transportation modes as separate categories are included in Appendix B.

*Table 2.* *Primary Mode of Transportation used to Commute to Campus*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Percent** | | |
| **Mode of Transportation** | **Students** | **Faculty** | **Staff** |
| Bicycle | 4.8% | 13.0% | 5.2% |
| Walk1 | 11.2% | 9.6% | 6.2% |
| Drive alone2 | 44.1% | 60.4% | 67.4% |
| Carpool | 4.0% | 3.7% | 7.3% |
| Bus3 | 34.2% | 10.7% | 12.3% |
| Commuter rail (train) | 0.1% | 0.0% | 0.1% |
| Work from home | 0.8% | 1.9% | 1.9% |
| Other | 0.9% | 0.7% | 1.3% |
| Total Responses4 | 1,621 | 270 | 1,047 |
| 1Walk: Includes walk/run, wheelchair, and skateboard/longboard | | | |
| 2Drive alone: Includes personal vehicle with driver only and motorcycle/scooter | | | |
| 3Bus: Includes bus and UWM shuttle | | | |
| 4These totals include the 2,938 respondents who provided their primary commute mode for the Fall 2017 semester. The percentages for each mode are based on these totals. | | | |
|

Commute Distance

Staff respondents had the highest average one-way distance traveled to campus for all modes of transportation combined (13.16 miles). The average distance traveled for students and faculty is more than two miles shorter than staff, at 10.73 miles and 10.45 miles respectively. As expected, people who drove alone tended to have the longest commutes, and people who walked and bicycled tended to have the shortest commutes. Table 3 displays the average distance for each primary mode of transportation used by UWM students, faculty, and staff.

*Table 3. Average Distance for the Primary Mode of Transportation used to Commute to UWM Campus*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Average Distance (mi)** | | |
| **Mode of Transportation** | **Students** | **Faculty** | **Staff** |
| Bicycle | 1.50 | 2.44 | 3.38 |
| Walk | 0.77 | 0.83 | 1.12 |
| Wheelchair | - | - | 0.50 |
| Skateboard/Longboard | 1.13 | - | - |
| Personal vehicle with driver only | 17.07 | 15.08 | 15.97 |
| Motorcycle/Scooter | 8.09 | 10.00 | 5.30 |
| Carpool | 12.96 | 4.68 | 14.43 |
| Bus | 6.94 | 6.19 | 6.86 |
| UWM Shuttle | 6.95 | 7.90 | 8.29 |
| Commuter rail (train) | 78.00 | - | 80.00 |
| Work from home | 4.40 | 1.95 | 8.00 |
| Other | 8.70 | 8.50 | 14.72 |
| ***Total Average*** | ***10.73*** | ***10.45*** | ***13.16*** |
| Total Responses1 | 1,621 | 270 | 1,047 |
| 1These totals include the 2,938 respondents who provided their primary commute mode for the Fall 2017 semester. The percentages for each mode are based on these totals. | | | |
|

There are exceptions to the general trend of automobile users having the longest commutes. For example, 17.4% of students, 30.9% of faculty, and 17.5% of staff who drove alone to UWM commuted 5 miles or less. Table 4 shows additional percentages for those who drove alone and commuted 2 miles or less and 3 miles or less. These particular groups of short-distance drivers may have the potential to shift to other modes, representing an opportunity to increase sustainable commuting to UWM.

*Table 4. Percent of Automobile Users Who Commuted Short Distances, Driver only*

|  |  |  |  |
| --- | --- | --- | --- |
| **Distance** | **Students** | **Faculty** | **Staff** |
| 2 miles or less | 10.5% | 14.2% | 10.0% |
| 3 miles or less | 11.9% | 17.3% | 11.8% |
| 5 miles or less | 17.4% | 30.9% | 17.5% |

Commute Frequency

Staff respondents made the most trips to and from campus per week with an average of 9.75 trips (i.e., traveled to campus an average of about 4.9 times per week). Faculty and students made slightly fewer trips to and from campus than staff with an average of 9.33 and 9 trips per week. Table 5 shows the commute frequency for each primary mode of transportation used by UWM students, faculty, and staff.

*Table 5. Commute Frequency to and from UWM Campus per Week1*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Average Number of Trips** | | |
| **Mode of Transportation** | **Students** | **Faculty** | **Staff** |
| Bicycle | 10.47 | 9.82 | 9.78 |
| Walk | 9.83 | 10.46 | 9.69 |
| Wheelchair | - | - | 10.00 |
| Skateboard/Longboard | 8.67 | - | - |
| Personal vehicle with driver only | 8.16 | 9.23 | 9.73 |
| Motorcycle/Scooter | 8.00 | 14.00 | 11.00 |
| Carpool | 8.84 | 8.20 | 10.03 |
| Bus | 9.56 | 9.08 | 9.85 |
| UWM Shuttle | 9.78 | 8.67 | 8.86 |
| Commuter rail (train) | 8.00 | - | 10.00 |
| Work from home | 8.55 | 6.00 | 6.00 |
| Other | 9.69 | 10.00 | 9.08 |
| ***Total Average*** | ***9.00*** | ***9.33*** | ***9.75*** |
| Total Responses2 | 1,621 | 270 | 1,047 |
| 1In this table, commute trips to and from UWM are considered separately, so one round-trip commute to and from UWM is two commute trips. 2These totals include the 2,938 respondents who provided their primary commute mode for the Fall 2017 semester. The percentages for each mode are based on these totals. | | | |
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|
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Differences Between Fall 2017 and Other Semesters

The results above summarize how respondents commuted to UWM during the Fall 2017 semester. Yet, there could be differences in commuting patterns between Spring 2017, Summer 2017, and Fall 2017 semesters. Therefore, respondents were asked if there were “any major differences in your commute” between semesters. 503 respondents reported that their Spring 2017 semester commute was different than their Fall 2017 semester commute, and 368 respondents reported that their Summer 2017 semester commute was different than their Fall 2017 semester commute. Open-ended responses to follow-up questions were then used to determine how specific respondents changed their commuting behavior.

The open-ended responses showed that some individuals changed their behavior, but there were only minor differences in overall UWM commuting patterns between semesters. Notable changes from Spring 2017 semester to Fall 2017 semester included shifts in respondents commuting by bus in the spring to personal vehicle in the fall (41) and from personal vehicle in the spring to bus in the fall (21). Another common change was from personal vehicle in the spring to walk or bicycle in the fall (11) and from walk or bicycle in the spring to personal vehicle in the fall (20).

Shifts from Summer 2017 semester to Fall 2017 semester included commuting shifts from personal vehicle in the summer to walk or bicycle in the fall (6) and from walk or bicycle in the summer to personal vehicle in the fall (22). Most of this shift was probably due to more enjoyable weather for walking or bicycling in the summer compared to fall. Additionally, respondents shifted from personal vehicle in the summer to bus in the fall (35) due to UBUS and other routes to campus becoming available during the fall. Another shift was from walk or bicycle in the summer to bus in the fall (21). This change could be attributed to more enjoyable weather in the summer and fewer bus routes being available to commute to campus. All other shifts in transportation modes from spring to fall and summer to fall were minimal.

**Appendix A. Survey Instrument**

This appendix includes the survey instrument used for the 2017 UWM Campus Travel Survey. The following e-mail text was used to distribute the survey to all active UWM e-mails on Wednesday, November 1, 2017. Reminder messages were sent on Monday, November 6 and Tuesday, November 14.

**Message title: Please take the 2017 UW-Milwaukee Transportation Survey**

**Please participate in the 2017 UW-Milwaukee Transportation Survey at the following link:** [Transportation Survey link]

**Study Description:** The UW-Milwaukee (UWM) Transportation Survey is a survey of the commuting practices of the entire UWM community, including students, faculty, and staff. The data are used to conduct UWM’s Greenhouse Gas Inventory and to inform the campus’s transportation initiatives.

If you agree to participate, you will be asked to complete a survey that will take approximately 10 minutes. The questions will ask about your modes of transportation to campus, the distance from your residence to campus, and your thoughts regarding walking, bicycling and taking the bus to

UWM.

Additional information about the study is provided when you click on the link above. The survey will be available until November 19th, 2017.

Thanks for taking the time to help with this survey.

Sincerely,

Kate M. Nelson

Chief Sustainability Officer

University of Wisconsin-Milwaukee

Robert J. Schneider, PhD, Associate Professor

University of Wisconsin-Milwaukee

Department of Urban Planning

**University of Wisconsin–Milwaukee**

**Consent to Participate in Online Research**

**Study Title:  2017 UW-Milwaukee Transportation Survey**

**Person Responsible for Research:  Kate Nelson & Robert Schneider**

**Study Description:**  The UW-Milwaukee (UWM) Transportation Survey is a survey of the commuting practices of the entire UWM community, including students, faculty, and staff.  The data are used to conduct UWM’s Greenhouse Gas Inventory and to inform the campus’s transportation initiatives.

If you agree to participate, you will be asked to complete a survey that will take approximately 10 minutes.  The questions will ask about your modes of transportation to campus, the distance from your residence to campus, and your attitudes regarding walking, bicycling, and taking the bus to UWM.

**Risks / Benefits:**  Risks to participants are considered minimal.  Collection of data and survey responses using the internet involves the same risks that a person would encounter in everyday use of the internet, such as breach of confidentiality. While the researchers have taken every reasonable step to protect your confidentiality, there is always the possibility of interception or hacking of the data by third parties that is not under the control of the research team. There will be no costs for participating, nor will you benefit directly from participating, though the knowledge gained could potentially result in UWM’s ability to offer better transportation amenities, incentives, and programs to you and the campus population.

**Anonymity:**  Identifying information such as your name, email address, and the Internet Protocol (IP) address of this computer will not be asked or available to the researchers.  Data will be retained on the Qualtrics website server through January 2018.  Data transferred from the survey site will be saved on a password protected computer for perpetuity, or as long as deemed necessary for the Greenhouse Gas Inventory trend analyses or commuting research.  Only the Office of Sustainability and the Department of Urban Planning, who are conducting the online survey, will have access to the information. However, the Institutional Review Board at UW-Milwaukee or appropriate federal agencies like the Office for Human Research Protections may review this study’s records.

**Voluntary Participation:**  Your participation in this study is voluntary.  You may choose to not answer any of the questions or withdraw from this study at any time without penalty.  Your decision will not change any present or future relationship with the University of Wisconsin-Milwaukee.

**Who do I contact for questions about the study:**  For more information about the study or study procedures, contact Kate Nelson (Office of Sustainability) at knelson6@uwm.edu or Robert Schneider (Department of Urban Planning) at rjschnei@uwm.edu.

**Who do I contact for questions about my rights or complaints towards my treatment as a research subject?**  Contact the UWM IRB at 414-229-3173 or irbinfo@uwm.edu.

**Research Subject’s Consent to Participate in Research:** By entering this survey, you are indicating that you have read the consent form, you are age 18 or older, and that you voluntarily agree to participate in this research study.

Thank you!

The Office of Sustainability & The Department of Urban Planning

**The question below indicates that you are willing to participate in the survey.**

**Q1:** Do you understand the information on the previous page and agree to participate in the 2017 UWM Transportation Survey?

* (1) YES, I understand and agree to participate
* (0) NO, I do not agree to participate

If Q1:0 NO Is Selected, Then Skip To End of Survey

**This section provides background about your relationship with UWM.**

**Q2:** What is your main affiliation with UW-Milwaukee (UWM)? *(If you are a student and a full-time employee of UWM, please select the appropriate “faculty” or “staff” category below. If you are a student and a part-time employee of UWM, please select the “student” category.)*

* (1) Student
* (2) University Staff
* (3) Faculty
* (4) Academic Staff – Teaching
* (5) Academic Staff – Non-Teaching

If Q2:1 Student Is Selected, Then Go To Q3. Otherwise, Skip To Q5.

Display If Q2:1 Student Is Selected

**Q3:** Are you enrolled in classes at UWM this semester (Fall 2017)?

* (1) Yes
* (0) No

If Q3:0 No Is Selected, Then Skip To Q5.

Display If Q2:1 Student Is Selected

**Q4:** Are you living in University housing this semester?

* (1) Yes, at Cambridge Commons
* (2) Yes, at RiverView Residence Hall
* (3) Yes, at Kenilworth Square Apartments
* (4) Yes, at Sandburg Hall or Purin Hall
* (0) No, I do not live in University housing

If Q4:4 Yes, at Sandburg Hall or Purin Hall Is Selected, Then Skip to Q18.

**This section is about commuting to UWM. For this survey, commuting refers to traveling between your home and UWM.**

**Q5:** During the last year, when did you commute on a regular basis to UWM?

* (1) All twelve months
* (2) Nine months (not during summer)
* (3) Spring 2017 semester only
* (4) Summer 2017 months only
* (5) Fall 2017 semester only
* (0) I did not commute to and from UWM
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If Q5:3 Spring 2017 semester only Is Selected, Then go to the parallel set of questions, SP6 through SP17 (see end of document).

If Q5:4 Summer 2017 months only Is Selected, Then go to the parallel set of questions, SU6 through SU17 (see end of document).

If Q5:0 I did not commute to and from UWM Is Selected, Then Skip To Q18.

**Q6:** During a typical week this semester (Fall 2017), which UWM campus do you commute to most often?

* (0) I usually work from home
* (1) Kenwood Campus (main campus)
* (2) School of Freshwater Sciences
* (3) Zilber School of Public Health
* (4) School of Continuing Education
* (5) University Services & Research Building
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q7:** On a typical day during this semester (Fall 2017), what is the primary type of transportation that you use for commuting to UWM?

*If your commute is split between several types of transportation (e.g., you drive to a park and ride, then take a bus to campus), please select the type of transportation you use for the greatest distance* *during your commute.*

* (0) I usually work from home (I don’t usually commute)
* (1) Personal vehicle (driver only, no passengers)
* (2) Carpool/Drop off (driver and one or more passengers)
* (3) Bus
* (4) UWM Shuttle
* (5) Bicycle
* (6) Walk/Run
* (7) Wheelchair or other personal assistive device
* (8) Motorcycle/Scooter
* (9) Skateboard/Longboard
* (10) Train
* (11) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display If Q7:2 Carpool/Drop off Is Selected

**Q8:** How often do you use Zimride to arrange your carpools for commuting to UWM this semester?

* (0) Never
* (1) Sometimes
* (2) Often
* (3) Always

Display If Q7:3 Bus Is Selected

**Q9:** What type of bus do you take when commuting to UWM this semester?

* (1) Milwaukee County Transit System
* (2) Coach

Display If Q7:5 Bicycle Is Selected

**Q10:** Do you commute to UWM using bike share (i.e., Bublr Bikes)?

* (1) Yes, I usually commute using Bublr Bikes
* (0) No, I usually ride my own bike

**Q11:** Some people have different types of commutes on different days. During a typical week this semester (Fall 2017), what is the primary type of transportation that you use for commuting to UWM on each day? *(choose one for each day)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Tu | W | Th | F | Sa | Su |
| I did not work on UWM-related tasks |  |  |  |  |  |  |  |
| I worked from home |  |  |  |  |  |  |  |
| Walk/Run |  |  |  |  |  |  |  |
| Wheelchair or other personal assistive device |  |  |  |  |  |  |  |
| Personal vehicle (driver only, no passengers) |  |  |  |  |  |  |  |
| Carpool/Drop off (driver and one or more passengers) |  |  |  |  |  |  |  |
| Bus |  |  |  |  |  |  |  |
| UWM Shuttle |  |  |  |  |  |  |  |
| Bicycle |  |  |  |  |  |  |  |
| Motorcycle/Scooter |  |  |  |  |  |  |  |
| Skateboard/Longboard |  |  |  |  |  |  |  |
| Train |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |

Display If Q11 Personal vehicle or Carpool is selected for any day

**Q12:** Where do you park your vehicle most often when driving or carpooling to UWM this semester?

* I do not park because I am usually dropped off
* (1) On campus (UWM parking structures and surface lots)
* (2) Off campus (city streets on and around the UWM campus)
* (3) UWM Capitol-Humboldt UPARK park and ride lot
* (4) Milwaukee County Transit System park and ride lots
* (5) Waukesha County Transit/Coach USA park and ride lots
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q13:** Think about the total time you spend between leaving your door at home to entering a door at UWM on a typical day this semester (Fall 2017). What percentage of this time is spent using each of the following types of transportation?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | None (0%) | Some, but <10% | 10% to 49% | 50% to 90% | >90%, but not all | All (100%) |
| Walk/Run |  |  |  |  |  |  |
| Wheelchair or other personal assistive device |  |  |  |  |  |  |
| Personal vehicle (driver only, no passengers) |  |  |  |  |  |  |
| Carpool/Drop off (driver and one or more passengers) |  |  |  |  |  |  |
| Bus |  |  |  |  |  |  |
| UWM Shuttle |  |  |  |  |  |  |
| Bicycle |  |  |  |  |  |  |
| Motorcycle/Scooter |  |  |  |  |  |  |
| Skateboard/Longboard |  |  |  |  |  |  |
| Train |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |

**Q14:** People may spend different amounts of time at UWM on different days. During a typical week this semester (Fall 2017), how much time do you spend at UWM on each day? *(choose one for each day)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Tu | W | Th | F | Sa | Su |
| 12 or more hours |  |  |  |  |  |  |  |
| 10.0 to 11.9 hours |  |  |  |  |  |  |  |
| 8.0 to 9.9 hours |  |  |  |  |  |  |  |
| 6.0 to 7.9 hours |  |  |  |  |  |  |  |
| 4.0 to 5.9 hours |  |  |  |  |  |  |  |
| 2.0 to 3.9 hours |  |  |  |  |  |  |  |
| Less than 2 hours |  |  |  |  |  |  |  |
| I did not spend any time at UWM |  |  |  |  |  |  |  |

\*May change the view of this depending on the capabilities of Qualtrics (e.g. fill-in/highlight a week calendar in time increments.)

**Q15A:** How far is your typical commute to UWM this semester (Fall 2017)? *(Please estimate the closest one-way distance category.)*

* (1) Less than 2 miles
* (2) Approximately 2 miles
* (3) More than 2 miles

Display Only If Q15A:1 Less than 2 miles is selected

**Q15B:** Since you usually commute less than 2 miles to UWM this semester, please enter your best estimate of the distance you travel to UWM in the space below to the nearest tenth of a mile (for example, your response could be 0.3 miles or 1.4 miles).

Display Only If Q15A:3 More than 2 miles is selected

**Q15C:** Since you usually commute more than 2 miles to UWM this semester, please enter your best estimate of the distance you travel to UWM in the space below to the nearest mile (for example, if you commuted 6.7 miles, you would enter 7 miles).

**Q16:** How satisfied are you with your commute to UWM this semester (Fall 2017)? *(Please move the bar to the number that best represents your answer: 1= completely dissatisfied and 10= completely satisfied)*

**Q17:** Please expand on any of your previous answers in this section about commuting to UWM. *(Please write in the space below.)*

**This section is about changes in your commute habits over time.**

**Q18:** Approximately how many years have you been at UWM?

* (1) Less than 1 year
* (2) 1.0 to 1.9 years
* (3) 2.0 to 4.9 years
* (4) 5.0 to 9.9 years
* (5) 10.0 to 19.9 years
* (6) 20 or more years

**Q19:** What city did you live in prior to starting at UWM? *(Please write city and state or city and country in the space below.)*

**Q20:** Before you came to UWM, what was the primary type of transportation that you used to commute to work or school?

*(Please select the type of transportation you used for the greatest distance.)*

* (0) I usually worked from home (I didn’t usually commute)
* (1) Personal vehicle (driver only, no passengers)
* (2) Carpool (driver and one or more passengers)
* (3) Bus
* (5) Bicycle
* (6) Walk/Run
* (7) Wheelchair or other personal assistive device
* (8) Motorcycle/Scooter
* (9) Skateboard/Longboard
* (10) Train
* (11) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q21:** Before you came to UWM, how far was your typical commute to work or school? (Please enter your best estimate of the distance you previously traveled to work or school in the space below to the nearest mile or tenth of a mile.)

**Q22:** Before you came to UWM, how satisfied were you with your commute to work or school? *(Please move the bar to the number that best represents your answer: 1= completely dissatisfied and 10= completely satisfied)*

**Q23:** If the level of satisfaction with your commute changed after coming to UWM, please provide a brief description of why you are now more or less satisfied.*(Please write in the space below.)*

Display Only If Q5:1 All 12 months, Q5:2 Nine months (excluding summer months) or Q5:6 Other, please specify are selected.

**Q24:** Were there any major differences in your commute between spring semester (Spring 2017) and this semester (Fall 2017)?

* (1) Yes
* (0) No

Display Only If Q24:1 Yes

**Q25:** Compared to this semester (Fall 2017), please describe how your commute was different during spring semester (Spring 2017). *(Please write in the space below.)*

Display Only If Q5:1 All 12 months or Q5:6 Other, please specify are selected.

**Q26:** Were there any major differences in your commute between summer term (Summer 2017) and this semester (Fall 2017)?

* (1) Yes
* (0) No

Display Only If Q26:1 Yes

**Q27:** Compared to this semester (Fall 2017), please describe how your commute was different during summer term (Summer 2017). *(Please write in the space below.)*

**Q28:** Since your first year at UWM, how has the amount you drive an automobile changed?

* (0) It is still my first year at UWM
* (1) I drive more
* (2) I drive about the same amount
* (3) I drive less

Display Only If Q28:1 I drive more

**Q29:** Please provide a brief description of why you drive more now than during your first year at UWM. *(Please write in the space below.)*

Display Only If Q28:3 I drive less

**Q30:** Please provide a brief description of why you drive less now than during your first year at UWM. *(Please write in the space below.)*

**Q31:** Please expand on any of your answers in this section about how your commute has changed over time. *(Please write in the space below.)*

**This section is about strategies to encourage walk, bicycle, and bus commuting.**

**Q32:** Do you have any disabilities or physical conditions preventing you from commuting by walking? *(select all that apply)*

* (1) Yes
* (2) No
* (3) Prefer not to answer

**Q33:** We would like to know what strategies would encourage you to commute to UWM more via walking (or wheelchair).  On a scale of 0 to 5, where 0 = not applicable or not a factor at all and 5 = a major factor, please indicate how much each of the following changes on campus and in surrounding communities would encourage you to walk more to UWM. If nothing would encourage you to walk more, leave all of the bars on 0. Moving any bar to 1 or greater indicates that the strategy would increase your chance of walking.

*(Please move the bar to the number that best represents your answer.)*

\_\_\_\_\_\_ (1) More affordable housing or apartments available close to UWM

\_\_\_\_\_\_ (2) Slower automobile traffic

\_\_\_\_\_\_ (3) More walking/bicycling trails (e.g., Oak Leaf Trail)

\_\_\_\_\_\_ (4) Safer neighborhoods on my walking route to UWM

\_\_\_\_\_\_ (5) Better snow/ice removal from sidewalks, curb ramps, and crosswalks during winter

\_\_\_\_\_\_ (6) Better street lighting at night

\_\_\_\_\_\_ (7) Fewer off-campus meetings, classes, or errands during the day

\_\_\_\_\_\_ (8) Improved street design (e.g., better curb ramps at street corners, shorter street

crossings, more speed humps, more streets closed to motor vehicles)

\_\_\_\_\_\_ (9) Improved sidewalks (e.g., smoother sidewalk surfaces; more trees, shade, and benches)

\_\_\_\_\_\_ (10) More driver education and enforcement of traffic laws

**Q34:** Are there any other changes that would encourage you to commute to UWM more via walking? *(Please write in the space below.)*

**Q35:** Do you have any disabilities or physical conditions preventing you from commuting by bicycle? *(select all that apply)*

* (1) Yes
* (2) No
* (3) Prefer not to answer

**Q36:** We would like to know what strategies would encourage you to commute to UWM more via bicycle. On a scale of 0 to 5, where 0 = not applicable or not a factor at all and 5 = a major factor, please indicate how much each of the following changes on campus and in surrounding communities would encourage you to bicycle more to UWM. If nothing would encourage you to bicycle more, leave all of the bars on 0. Moving any bar to 1 or greater indicates that the strategy would increase your chance of bicycling.

*(Please move the bar to the number that best represents your answer.)*

\_\_\_\_\_\_ (1) More affordable housing or apartments available close to UWM

\_\_\_\_\_\_ (2) Slower automobile traffic

\_\_\_\_\_\_ (3) More walking/bicycling trails (e.g., Oak Leaf Trail)

\_\_\_\_\_\_ (4) Safer neighborhoods on my bike route to UWM

\_\_\_\_\_\_ (5) Better removal of snow and ice from bike lanes and trails during winter

\_\_\_\_\_\_ (6) Improved on-campus bicycle parking infrastructure

\_\_\_\_\_\_ (7) Improved street design (e.g., better paved streets, more on-road bike lane markings,

bike lanes separated from traffic by plastic posts, curbs, or concrete planters)

\_\_\_\_\_\_ (8) More UWM sponsored bicycle programs (e.g., semester long rental program,

on-campus bicycle sale, on-campus bicycle repair shop)

\_\_\_\_\_\_ (9) Fewer off-campus meetings, classes, or errands during the day

\_\_\_\_\_\_ (10) Better connectivity between UWM and the Oak Leaf Trail

\_\_\_\_\_\_ (11) More driver education and enforcement of traffic laws

**Q37:** Are there any other changes that would encourage you to commute to UWM more via bicycle? *(Please write in the space below.)*

**Q38:** We would like to know what strategies would encourage you to commute to UWM more via Milwaukee County Transit System (MCTS) buses. On a scale of 0 to 5, where 0 = not applicable or not a factor at all and 5 = a major factor, please indicate how much each of the following changes on campus and in surrounding communities would encourage you to take a MCTS bus more to UWM. If nothing would encourage you to take the bus more, leave all of the bars on 0. Moving any bar to 1 or greater indicates that the strategy would increase your chance of taking a MCTS bus.

*(Please move the bar to the number that best represents your answer)*

\_\_\_\_\_\_ (1) More affordable housing or apartments available close to MCTS bus lines

\_\_\_\_\_\_ (2) Bus stop closer to where I live

\_\_\_\_\_\_ (3) Bus stop closer to my destination at UWM

\_\_\_\_\_\_ (4) Faster buses

\_\_\_\_\_\_ (5) More frequent buses

\_\_\_\_\_\_ (6) Better evening and late night bus service

\_\_\_\_\_\_ (7) More reliable buses (buses arrive when scheduled)

\_\_\_\_\_\_ (8) Less crowded buses

\_\_\_\_\_\_ (9) Safer buses (less risk of crime)

\_\_\_\_\_\_ (10) Bus maps that are easier to read and understand

**Q39:** Are there any other changes that would encourage you to commute to UWM more via MCTS bus? *(Please write in the space below.)*

**Q40:** Please expand on any of your answers in this section. *(Please write in the space below.)*

**This section will help us understand differences in commuting and travel preferences among different members of our campus community.**

**Q41:** What is the zip code of your current residence?

**Q42:** What is the closest major street intersection to your current residence? *(e.g., Humboldt Blvd. & North Av.)*

**Q43:** How many adults (18 and over) currently live in your home? (*Please include all members of your household, including yourself.)*

* (1) 1
* (2) 2
* (3) 3
* (4) 4
* (5) 5 or more

**Q44:** How many children (17 and younger) currently live in your home?

* (0) 0
* (1) 1
* (2) 2
* (3) 3
* (4) 4
* (5) 5 or more

**Q45:** Do you have a bus pass (e.g., MCTS M-Card or other pre-paid pass)?

* (1) Yes
* (2) No

**Q46:** How many working automobiles do you have in your household?

* (0) 0
* (1) 1
* (2) 2
* (3) 3
* (4) 4 or more

**Q47:** How many working bicycles do you own yourself?

* (0) 0
* (1) 1
* (2) 2
* (3) 3
* (4) 4 or more

**Q48:** How often do you use bike share (e.g., Bublr Bikes)?

* (0) Never
* (1) A few times per year
* (2) 1 to 4 times per month
* (3) 1 to 4 times per week
* (4) 5 or more times per week

**Q49:** With what gender do you identify yourself? (*Check all that apply.)*

* (1) Woman
* (2) Man
* (3) Transgender
* (4) Genderqueer/Gender Non Binary/Gender Fluid
* (5) Agender/Neutrosis
* (6) Another gender identity not listed here
* (7) Prefer not to answer

**Q50:** What is your age?

* (1) \_\_\_\_\_\_ (Fill-in)
* (2) Prefer not to answer

**Q51:** Of these income groups, which best represents your total household income before taxes during the past 12 months?

* (1) Less than $25,000
* (2) $25,000 – $49,999
* (3) $50,000 – $74,999
* (4) $75,000 – $99,999
* (5) $100,000 – $149,999
* (6) $150,000 – $199,999
* (7) $200,000 or more
* (0) Prefer not to answer
* (-7) Don’t know/not sure

**SPRING 2017 PARALLEL QUESTIONS *(Only given to people who commuted to UWM in Spring 2017 but NOT Fall 2017)***

**SP6:** During a typical week in the spring semester (Spring 2017), which UWM campus did you commute to most often?

* (0) I usually worked from home
* (1) Kenwood Campus (main campus)
* (2) School of Freshwater Sciences
* (3) Zilber School of Public Health
* (4) School of Continuing Education
* (5) University Services & Research Building
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SP7:** On a typical day during the spring semester (Spring 2017), what was the primary type of transportation you used for commuting to UWM?

*If your commute is split between several types of transportation (e.g., you drive to a park and ride, then take a bus to campus), please select the type of transportation you use for the greatest distance.*

* (0) I usually worked from home (I don’t usually commute)
* (1) Personal vehicle (driver only, no passengers)
* (2) Carpool/Drop off (driver and one or more passengers)
* (3) Bus
* (4) UWM Shuttle
* (5) Bicycle
* (6) Walk/Run
* (7) Wheelchair or other personal assistive device
* (7) Motorcycle/Scooter
* (8) Skateboard/Longboard
* (9) Train
* (10) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display If SP7:2 Carpool/Drop off Is Selected

**SP8:** How often did you use Zimride to arrange your carpools for commuting to UWM in the Spring 2017 semester?

* (0) Never
* (1) Sometimes
* (2) Often
* (3) Always

Display If SP7:3 Bus Is Selected

**SP9:** What type of bus did you take when commuting to UWM in the Spring 2017 semester?

* (1) Milwaukee County Transit System
* (2) Coach

Display If SP7:5 Bicycle Is Selected

**SP10:** Did you commute to UWM using bike share (i.e., Bublr Bikes)?

* (1) Yes, I usually commuted using Bublr Bikes
* (0) No, I usually rode my own bike

**SP11:** Some people have different types of commutes on different days. During a typical week in the spring semester (Spring 2017), what was the primary type of transportation that you used for commuting to UWM on each day? *(choose one for each day)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Tu | W | Th | F | Sa | Su |
| I did not work on UWM-related tasks |  |  |  |  |  |  |  |
| I worked from home |  |  |  |  |  |  |  |
| Walk/Run |  |  |  |  |  |  |  |
| Wheelchair or other personal assistive device |  |  |  |  |  |  |  |
| Personal vehicle (driver only, no passengers) |  |  |  |  |  |  |  |
| Carpool/Drop off (driver and one or more passengers) |  |  |  |  |  |  |  |
| Bus |  |  |  |  |  |  |  |
| UWM Shuttle |  |  |  |  |  |  |  |
| Bicycle |  |  |  |  |  |  |  |
| Motorcycle/Scooter |  |  |  |  |  |  |  |
| Skateboard/Longboard |  |  |  |  |  |  |  |
| Train |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |

Display If SP11 Personal vehicle or Carpool is selected for any day

**SP12:** Where did you park your vehicle most often when driving or carpooling to UWM during the spring semester (Spring 2017)?

* (0) I did not park because I was usually dropped off
* (1) On campus (UWM parking structures and surface lots)
* (2) Off campus (city streets on and around the UWM campus)
* (3) UWM Capitol-Humboldt UPARK park and ride lot
* (4) Milwaukee County Transit System park and ride lots
* (5) Waukesha County Transit/Coach USA park and ride lots
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SP13:** Think about the total time you spent between leaving your door at home to entering a door at UWM on a typical day during spring semester (Spring 2017). What percentage of this time was spent using each of the following types of transportation?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | None (0%) | Some, but <10% | 10% to 49% | 50% to 90% | >90%, but not all | All (100%) |
| Walk/Run |  |  |  |  |  |  |
| Wheelchair or other assistive device |  |  |  |  |  |  |
| Personal vehicle (driver only, no passengers) |  |  |  |  |  |  |
| Carpool/Drop off (driver and one or more passengers) |  |  |  |  |  |  |
| Bus |  |  |  |  |  |  |
| UWM Shuttle |  |  |  |  |  |  |
| Bicycle |  |  |  |  |  |  |
| Motorcycle/Scooter |  |  |  |  |  |  |
| Skateboard/Longboard |  |  |  |  |  |  |
| Train |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |

**SP14:** People may spend different amounts of time at UWM on different days. In a typical week during spring semester (Spring 2017), how much time did you spend at UWM on each day? *(choose one for each day)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Tu | W | Th | F | Sa | Su |
| 12 or more hours |  |  |  |  |  |  |  |
| 10.0 to 11.9 hours |  |  |  |  |  |  |  |
| 8.0 to 9.9 hours |  |  |  |  |  |  |  |
| 6.0 to 7.9 hours |  |  |  |  |  |  |  |
| 4.0 to 5.9 hours |  |  |  |  |  |  |  |
| 2.0 to 3.9 hours |  |  |  |  |  |  |  |
| Less than 2 hours |  |  |  |  |  |  |  |
| I did not spend any time at UWM |  |  |  |  |  |  |  |

\*May change the view of this depending on the capabilities of Qualtrics (e.g. fill-in/highlight a week calendar in time increments.)

**QSP15A:** How far was your typical commute to UWM during the spring semester (Spring 2017)? *(Please estimate the closest one-way distance category.)*

* (1) Less than 2 miles
* (2) Approximately 2 miles
* (3) More than 2 miles

Display Only If QSP15A:1 Less than 2 miles is selected

**QSP15B:** Since you usually commuted less than 2 miles to UWM during the spring semester (Spring 2017), please enter your best estimate of the distance you traveled to UWM in the space below to the nearest tenth of a mile (for example, your response could be 0.3 miles or 1.4 miles).

Display Only If QSP15A:3 More than 2 miles is selected

**QSP15C:** Since you usually commuted more than 2 miles to UWM during spring semester (Spring 2017), please enter your best estimate of the distance you traveled to UWM in the space below to the nearest mile.

**SP16:** How satisfied were you with your commute to UWM during spring semester (Spring 2017)? *(Please move the bar to the number that best represents your answer: 1= completely dissatisfied and 10= completely satisfied)*

**SP17:** Please expand on any of your previous answers in this section about commuting to UWM. *(Please write in the space below.)*

After completing this question, Go to Q18.

**SUMMER 2017 PARALLEL QUESTIONS (Only given to people who commuted to UWM in Summer 2017 but NOT Fall 2017)**

**SU6:** During a typical week in the summer term (Summer 2017), which UWM campus did you commute to most often?

* (0) I usually worked from home
* (1) Kenwood Campus (main campus)
* (2) School of Freshwater Sciences
* (3) Zilber School of Public Health
* (4) School of Continuing Education
* (5) University Services & Research Building
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SU7:** On a typical day during the summer term (Summer 2017), what was the primary type of transportation that you used for commuting to UWM?

*If your commute is split between several types of transportation (e.g., you drive to a park and ride, then take a bus to campus), please select the type of transportation you use for the greatest distance.*

* (0) I usually worked from home (I don’t usually commute)
* (1) Personal vehicle (driver only, no passengers)
* (2) Carpool/Drop off (driver and one or more passengers)
* (3) Bus
* (4) UWM Shuttle
* (5) Bicycle
* (6) Walk/Run
* (7) Wheelchair or other assistive device
* (8) Motorcycle/Scooter
* (9) Skateboard/Longboard
* (10) Train
* (11) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display If SU7:2 Carpool/Drop off Is Selected

**SU8:** How often did you use Zimride to arrange your carpools for commuting to UWM in the Summer 2017 term?

* (0) Never
* (1) Sometimes
* (2) Often
* (3) Always

Display If SU7:3 Bus Is Selected

**SU9:** What type of bus did you take when commuting to UWM in the Summer 2017 term?

* (1) Milwaukee County Transit System
* (2) Coach

Display If SU7:5 Bicycle Is Selected

**SU10:** Did you commute to UWM using bike share (i.e., Bublr Bikes)?

* (1) Yes, I usually commuted using Bublr Bikes
* (0) No, I usually rode my own bike

**SU11:** Some people have different types of commutes on different days. During a typical week in the summer term (Summer 2017), what was the primary type of transportation that you used for commuting to UWM on each day? *(choose one for each day)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Tu | W | Th | F | Sa | Su |
| I did not work on UWM-related tasks |  |  |  |  |  |  |  |
| I worked from home |  |  |  |  |  |  |  |
| Walk/Run |  |  |  |  |  |  |  |
| Wheelchair or other assistive device |  |  |  |  |  |  |  |
| Personal vehicle (driver only, no passengers) |  |  |  |  |  |  |  |
| Carpool/Drop off (driver and one or more passengers) |  |  |  |  |  |  |  |
| Bus |  |  |  |  |  |  |  |
| UWM Shuttle |  |  |  |  |  |  |  |
| Bicycle |  |  |  |  |  |  |  |
| Motorcycle/Scooter |  |  |  |  |  |  |  |
| Skateboard/Longboard |  |  |  |  |  |  |  |
| Train |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |

Display If SU11 Personal vehicle or Carpool is selected for any day

**SU12:** Where did you park your vehicle most often when driving or carpooling to UWM during the summer term (Summer 2017)?

* (0) I did not park because I was usually dropped off
* (1) On campus (UWM parking structures and surface lots)
* (2) Off campus (city streets on and around the UWM campus)
* (3) UWM Capitol-Humboldt UPARK park and ride lot
* (4) Milwaukee County Transit System park and ride lots
* (5) Waukesha County Transit/Coach USA park and ride lots
* (6) Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SU13:** Think about the total time you spent between leaving your door at home to entering a door at UWM on a typical day during summer term (Summer 2017). What percentage of this time was spent using each of the following types of transportation?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | None (0%) | Some, but <10% | 10% to 49% | 50% to 90% | >90%, but not all | All (100%) |
| Walk/Run |  |  |  |  |  |  |
| Wheelchair or other assistive device |  |  |  |  |  |  |
| Personal vehicle (driver only, no passengers) |  |  |  |  |  |  |
| Carpool/Drop off (driver and one or more passengers) |  |  |  |  |  |  |
| Bus |  |  |  |  |  |  |
| UWM Shuttle |  |  |  |  |  |  |
| Bicycle |  |  |  |  |  |  |
| Motorcycle/Scooter |  |  |  |  |  |  |
| Skateboard/Longboard |  |  |  |  |  |  |
| Train |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |

\*May change the view of this depending on the capabilities of Qualtrics (e.g. fill-in/highlight a week calendar in time increments.)

**SU14:** People may spend different amounts of time at UWM on different days. In a typical week during summer term (Summer 2017), how much time did you spend at UWM on each day? *(choose one for each day)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Tu | W | Th | F | Sa | Su |
| 12 or more hours |  |  |  |  |  |  |  |
| 10.0 to 11.9 hours |  |  |  |  |  |  |  |
| 8.0 to 9.9 hours |  |  |  |  |  |  |  |
| 6.0 to 7.9 hours |  |  |  |  |  |  |  |
| 4.0 to 5.9 hours |  |  |  |  |  |  |  |
| 2.0 to 3.9 hours |  |  |  |  |  |  |  |
| Less than 2 hours |  |  |  |  |  |  |  |
| I did not spend any time at UWM |  |  |  |  |  |  |  |

\*May change the view of this depending on the capabilities of Qualtrics (e.g. fill-in/highlight a week calendar in time increments.)

**QSU15A:** How far was your typical commute to UWM during summer semester (Summer 2017)? *(Please estimate the closest one-way distance category.)*

* (1) Less than 2 miles
* (2) Approximately 2 miles
* (3) More than 2 miles

Display Only If QSU15A:1 Less than 2 miles is selected

**QSU15B:** Since you usually commuted less than 2 miles to UWM during summer semester (Summer 2017), please enter your best estimate of the distance you traveled to UWM in the space below to the nearest tenth of a mile (for example, your response could be 0.3 miles or 1.4 miles).

Display Only If QSU15A:3 More than 2 miles is selected

**QSU15C:** Since you usually commuted more than 2 miles to UWM during summer semester (Summer 2017), please enter your best estimate of the distance you traveled to UWM in the space below to the nearest mile.

**SU16:** How satisfied were you with your commute to UWM during summer term (Summer 2017)? *(Please move the bar to the number that best represents your answer: 1= completely dissatisfied and 10= completely satisfied)*

**SU17:** Please expand on any of your previous answers in this section about commuting to UWM. *(Please write in the space below.)*

After completing this question, Go to Q18.

**Appendix B. Results**

*Table B.1. Primary Mode of Transportation used to Commute to Campus, All Categories*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Percent** | | |
| **Mode of Transportation** | **Students** | **Faculty** | **Staff** |
| Bicycle | 4.8% | 13.0% | 5.2% |
| Walk | 11.0% | 9.6% | 6.1% |
| Wheelchair | - | - | 0.1% |
| Skateboard/Longboard | 0.2% | - | - |
| Personal vehicle with driver only | 43.7% | 60.0% | 67.0% |
| Motorcycle/Scooter | 0.4% | 0.4% | 0.4% |
| Carpool | 4.0% | 3.7% | 7.3% |
| Bus | 30.2% | 9.6% | 11.7% |
| UWM Shuttle | 4.0% | 1.1% | 0.7% |
| Commuter rail (train) | 0.1% | - | 0.1% |
| Work from home | 0.8% | 1.9% | 1.9% |
| Other | 0.9% | 0.7% | 0.7% |
| Total Responses1 | 1,621 | 270 | 1,047 |
| 1These totals include the 2,938 respondents who provided their primary commute mode for the Fall 2017 semester. The percentages for each mode are based on these totals. | | | |
|