

## MIT Transportation Survey 2014

The Parking and Transportation Office, the Environment, Health and Safety Office and the Office of the Provost are jointly sponsoring a survey on commuting to the MIT campus. The State of Massachusetts and the City of Cambridge require that MIT collect data related to how you get to MIT every day. In addition, this survey gives MIT the opportunity to find out if the services we offer (e.g., subsidized public transportation, bicycle racks, parking access) are meeting your needs. This survey has multiple sections and should take about 10 minutes to complete.

As an incentive to participate in this survey, we are offering several prizes. MIT Community members who complete the survey will be entered into a lottery for the following:

YOUR CHOICE OF GRAND PRIZE AT THE END OF THE SURVEY:

\$500 in American Express Gift Cheques OR \$500 TechCASH OR Apple iPad (2 awarded)

25 TechCASH credits valued at \$100

50 TechCASH credits valued at \$50

325 TechCASH credits valued at \$25

10 \$50 Zipcar Gift Certificates

10 Hubway annual memberships

The survey is voluntary, and you may answer as few or as many questions as you wish. Please be assured your individual responses and comments will be kept confidential to MIT. Thank you in advance for your willingness to participate in this survey.

The survey has multiple sections, and your answers will be saved on each page when you select the Next button at the bottom of the page. You may return to the survey at a later time to finish the survey by visiting the same link you used to get to this page. Your previously submitted answers will be displayed for you to edit if you wish. If you edit answers in a section, you must click the "Next" button for that section to save the changes. The results of this study will be reported in summary form only.

If you have any questions about this survey, please contact [commute@mit.edu](mailto:commute@mit.edu).

Locations where TechCash may be spent are listed on <http://web.mit.edu/mitcard/techcash/locations.html>.

## About You

1. Is MIT your primary employer/school?

- Yes
- No, I am a student at another institution
- No, MIT is my secondary employer
- No, I am a visitor
- Other, please specify: \_\_\_\_\_

2. How many hours do you normally work/study on campus each week?

- Less than 17 hours
- 17-30 hours
- 31-40 hours
- More than 40 hours a week

3. What time do you usually arrive on campus?

- Before 6:00 AM
- 6:00-6:30 AM
- 6:30-7:00 AM
- 7:00-7:30 AM
- 7:30-8:00 AM
- 8:00-8:30 AM
- 8:30-9:00 AM
- 9:00-9:30 AM
- 9:30-10:00 AM
- 10:00 AM-noon
- noon-2:00 PM
- 2:00 PM-4:00 PM
- After 4:00 PM

4. What time do you usually depart from campus?

- Before 4:00 PM
- 4:00-4:30 PM
- 4:30-5:00 PM
- 5:00-5:30 PM
- 5:30-6:00 PM
- 6:00-6:30 PM
- 6:30-7:00 PM
- 7:00-7:30 PM
- 7:30-8:00 PM
- 8:00-10:00 PM
- 10:00 PM-12:00 AM
- After 12:00 AM

5. Do you have flexibility in scheduling your work hours?

- Yes
- No

## Your Commute

1. We are interested in learning how long it takes you to get to and from MIT. Using whatever method of transportation you normally use, please indicate your estimated commute time door-to-door under different conditions.

	Your commute to MIT?	Your commute from MIT?
	Ranges: 5 minutes or less; 6-10 minutes; 11-15 minutes; 16-20 minutes; 21-25 minutes; 26-30 minutes; 31-35 minutes; 36-40 minutes; 41-45 minutes; 46-50 minutes; 51-55 minutes; 56-60 minutes; 61-65 minutes; 66-70 minutes; 71-75 minutes; 76-80 minutes; 81-85 minutes; 86-90 minutes; 91-95 minutes; 96-100 minutes; 101-105 minutes; 106-110 minutes; 111-115 minutes; 116-120 minutes; more than 2 hours	
Normal Day		
Good / Fast Day		
Bad / Slow Day		

2. Thinking about the last year, what would you say is your PRIMARY commuting method?

- Drive alone the entire way
- Drive alone, then take public transportation
- Walk, then take public transportation
- Share ride/dropped off, then take public transportation
- Bicycle and take public transportation
- Ride in a private car with another person
- Ride in a private car with 2-4 commuters
- Ride in a vanpool (5 or more commuters) or private shuttle (e.g. TechShuttle, SafeRide)
- Dropped off at work
- Take a taxi or ride service (e.g., Uber, Lyft)
- Bicycle
- Walk
- Work at home
- Other, please specify \_\_\_\_\_

3. Are you considering changing the way you commute over the next year?

- Yes
- No

Answer If Considering changing the way you commute? Yes Is Selected

3a. If YES, please tell us which commuting methods you are CONSIDERING:

- Drive alone the entire way
- Drive alone, then take public transportation
- Walk, then take public transportation
- Share ride/dropped off, then take public transportation
- Bicycle and take public transportation
- Ride in a private car with another person
- Ride in a private car with 2-4 commuters
- Ride in a vanpool (5 or more commuters) or private shuttle (e.g. TechShuttle, SafeRide)
- Dropped off at work
- Take a taxi
- Bicycle
- Walk
- Work at home
- Other \_\_\_\_\_

## How You Got to Campus Last Week

Please indicate how you commuted TO CAMPUS each day LAST WEEK. Please make one entry for each day of the week.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Scheduled day off (e.g., weekend)							
Drove alone the entire way							
Drove alone, then took public transportation							
Walked, then took public transportation							
Shared ride/dropped off, then took public transportation							
Bicycled and took public transportation							
Rode in a private car with another person							
Rode in a private car with 2-4 commuters							
Rode in a vanpool (5+ commuters) or private shuttle (e.g. TechShuttle, SafeRide)							
Dropped off at work							
Took a taxi							
Bicycled							
Walked							
Out of office (e.g., sick, vacation, jury duty, business trip)							
Worked at home							
Other							

Answer If How you commuted to campus last week - Other Is Greater Than 0

You indicated you used another method to get to campus on at least one day last week. Please describe that method:

2. On any day last week, did you travel BACK TO YOUR HOME from MIT using a different mode than indicated above? Yes/No

Answer If Travel back using different mode? Yes Is Selected

2a. If YES, how many days last week did you use a different method to get home? 1, 2, 3, 4, 5, 6, 7

3. How many times a month, on average, do you work from a remote location instead of working on campus?

Never; 1 to 4 times per month; 5-8 times per month; 9-12 times per month; More than 12 times a month

## Public Transportation

1. Do you currently purchase a monthly MBTA pass?

Yes, from MIT; Yes, from somewhere other than MIT; No

2. How many months in the past year did you purchase a public transit pass, from MIT or elsewhere?

1 month; 2 months; 3 months; 4 months; 5 months; 6 months; 7 months; 8 months; 9 months; 10 months; 11 months; 12 months; I do not purchase a pass

3. If you do not take public transportation to get to MIT, what is the most important reason why not?

- Takes too much time
- Costs too much
- Concerned about security
- Don't have access to public transportation
- Uncomfortable environment
- Not applicable, I do take public transportation
- Not applicable, I don't need to take public transportation (e.g., I live on or close to campus)
- Other (please specify) \_\_\_\_\_

## Use of Transportation Services

MIT offers a number of transportation services and would like to know how many community members are aware of and use the services. Please indicate if you have used or are aware of the following services.

	Aware of service, USE IT	Aware of service, DO NOT USE IT	Not aware of service	Please indicate your level of satisfaction with the services you use.
MIT Parking and Transportation Office website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
MBTA Pass Program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Zipcar (car sharing)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Economy Parking Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Occasional Parking Permit (\$81 sticker fee; daily rate of \$7.70 charged only when you park on campus during business days; no limit on number of days you may park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Electric Vehicle Charging Stations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] Flexible hours to accommodate schedules	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] Emergency Ride Home Program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] Private Transit Subsidy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] Smartway Elite Discount	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Carpools/Vanpool Parking Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hubway (bike sharing)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] MassRIDES (carpool matching program)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] VPSI (vanpool matching program)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Secure bike storage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Bicycle Repair Stations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Locker and/or shower facilities for runners and bicyclists, other than in DAPER facilities (e.g., Z-center)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
[Staff only] Qualified Bicycle Commuter Benefit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Safe Ride	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Tech Shuttle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Airport Shuttle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Boston Shuttle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
The Lincoln Lab Shuttle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
M2 Shuttle (Longwood - LMA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
EZ Ride / Northwest Shuttle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
MIT Mobile Shuttle Tracking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Do you use any smartphone apps to plan your commute? Yes/No

Answer If Do you use any smartphone apps to plan your commute? Yes Is Selected

Which apps do you use to plan your commute?

In general, how satisfied are you with MIT's transportation services?

- Very satisfied
- Somewhat satisfied
- Neither satisfied nor dissatisfied
- Somewhat dissatisfied
- Very dissatisfied

## Biking

1. Do you own a bike that you sometimes ride to campus?

- Yes
- No

2. Whether you cycle to campus or not, what one thing would make you more inclined to cycle to campus?

- Safer bike routes to campus
- More bike routes to campus
- Better bike parking facilities
- Locker and/or shower facilities in or near your building
- Better weather
- Shorter commute distance
- Nothing would make me more inclined to cycle to campus
- Not an option (e.g., health reasons, safety concerns, not near a bike path)
- Other (please specify) \_\_\_\_\_

3. If you ever use a bike to commute to campus or get around on campus, which best describes your cycling behavior:

- Single-trip rider (store bike in one location on campus during the day)
- Multiple-trip rider (store bike in several locations on campus during the day)
- Not applicable - I never bike to or on campus

Answer If Cycling behavior Single-trip rider (store bike in one location on campus during the day) Is Selected Or Cycling behavior Multiple-trip rider (store bike in several locations on campus during the day) Is Selected

3a. When on campus, where do you usually store your bike?

- At an outdoor bike rack
- At an outdoor object such as a sign post, street lamp, tree, parking meter, etc.
- In an indoor bike storage room
- In a private office/lab
- Other (please specify) \_\_\_\_\_

Answer If Cycling behavior Single-trip rider (store bike in one location on campus during the day) Is Selected Or Cycling behavior Multiple-trip rider (store bike in several locations on campus during the day) Is Selected

4. What is the primary reason you choose to cycle to campus or get around on campus?

- It's healthy
- It's economical
- It's convenient
- It's fun
- It reduces air pollution
- Driving is too expensive/inconvenient
- Public transportation is too expensive/inconvenient
- Other (please specify) \_\_\_\_\_

## Driving & Automobile Ownership

1. If you live off-campus: How many total licensed drivers reside in your current household?

0. 1, 2, 3, 4, 5+, Not applicable; I live on campus

2. How many total motor vehicles are CURRENTLY registered to members of your household?

0. 1, 2, 3, 4, 5+, Not applicable

3. If you drive to campus, how many times a month, on average, do you use your own motor vehicle for institute-related business during the day?

None; 1 to 4 times per month; 5 or more times per month; Not applicable

4. If you drive to campus, where is your motor vehicle usually parked?

- MIT surface parking lot (MIT sticker required)
- MIT underground garage (MIT sticker required)
- MIT overground garage (MIT sticker required)
- Other paid parking lot or garage
- On-street parking
- Other (please specify) \_\_\_\_\_
- Not applicable

Answer If Where usually parked? MIT surface parking lot (MIT sticker required) Is Selected Or Where usually parked? MIT underground garage (MIT sticker required) Is Selected Or Where usually parked? MIT overground garage (MIT sticker required) Is Selected

4a. What type of parking permit do you have?

- Regular Commuter
- Economy Regular Commuter
- Occasional/Evening
- Other \_\_\_\_\_

Answer If Where usually parked? MIT surface parking lot (MIT sticker required) Is Selected Or Where usually parked? MIT underground garage (MIT sticker required) Is Selected Or Where usually parked? MIT overground garage (MIT sticker required) Is Selected Or Where usually parked? Other paid parking lot or garage Is Selected Or Where usually parked? On-street parking Is Selected

4b. Once you have parked your vehicle on or near campus, how long does it usually take you to get to your office or primary work area?

- Less than 5 minutes
- 6-10 minutes
- 11-15 minutes
- 16-20 minutes
- 21-25 minutes
- 26-30 minutes
- More than 30 minutes

5. MIT is running a pilot program that offers full-time parking permit holders a Mobility Pass to encourage commuters to try public transit to get to and from campus. The Mobility Pass (a Charlie Chip embedded in your MIT ID Card) allows full-time parking permit holders unlimited access to the MBTA subway and local bus system at no additional charge. Are you aware of this program?

- I am aware of this program and use it
- I am aware of this program and do not use it
- I was not aware of this program and would like to use it
- I was not aware of this program and do not wish to use it

6. Are you on a waiting list for an MIT parking permit?

Yes/No

Answer If 6. Are you on a waiting list for an MIT parking permit? Yes Is Selected

6a. Which parking area and lot permit are you waiting on?

Answer If Primary commuting method Drive alone the entire way Is Selected And 4a. What type of parking permit do you have? Regular Commuter Is Selected

7. Earlier in the survey, you indicated your primary method of commuting was to drive alone. Do you have any comments on what would make you more inclined to commute using an alternate form of transportation?

## Parking Options

*(only for those who generally drive alone and hold a regular (annual) commuter parking permit)*

MIT is interested in understanding our community's preferences for a number of parking options, including the distance from your office and the rate structure. You are being asked this question because you indicated your primary method of commuting is to drive alone, and you have a regular commuter parking permit. Some of the options include a Mobility Pass (a Charlie Chip embedded in your MIT ID Card) which gives you unlimited access to the MBTA subway and local bus system at no additional charge. For each pair, please select which commuting option you would prefer by checking the button closest to that item. Please note these combinations are randomly generated and not a complete picture of all possible options.

Pair A1 - pick the one you would prefer:

- You park in lot that is a 10 minute walk to your office for \$1760 annually
- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; you park in lot that is a 15 minute walk or 5 minute shuttle ride to your office for \$8 daily, charged only on days you park

Pair A2 - pick the one you would prefer:

- You park in lot that is a 10 minute walk to your office for \$2800 annually
- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; when you choose to drive to campus, you park in lot that is a 20 minute walk or 10 minute shuttle ride to your office; \$10 daily, charged only on days you park

Pair A3 - pick the one you would prefer:

- When you choose to drive to campus, you park in lot that is a 15 minute walk or 5 minute shuttle ride to your office for \$10 daily, charged only on days you park
- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; you park in lot that is a 20 minute walk or 10 minute shuttle ride to your office for \$1600 annually

Pair A4 - pick the one you would prefer:

- When you choose to drive to campus, you park in lot that is a 5 minute walk to your office for \$12 daily, charged only on days you park
- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; when you choose to drive to campus, you park in lot that is a 10 minute walk to your office; \$10 daily, charged only on days you park

Pair A5 - pick the one you would prefer:

- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; when you choose to drive to campus, you park in lot that is a 20 minute walk or 10 minute shuttle ride to your office for \$12 daily, charged only on days you park
- You park in lot that is a 15 minute walk or 5 minute shuttle ride to your office for \$1600 annually

Pair B1 - pick the one you would prefer:

- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; you park in lot that is a 15 minute walk or 5 minute shuttle ride to your office for \$1760 annually
- When you choose to drive to campus, you park in lot that is a 5 minute walk to your office for \$10 daily, charged only on days you park

Pair B2 - pick the one you would prefer:

- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; when you choose to drive to campus, you park in lot that is a 10 minute walk to your office for \$12 daily, charged only on days you park
- You park in lot that is a 5 minute walk to your office for \$1760 annually

Pair B3 - pick the one you would prefer:

- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; when you choose to drive to campus, you park in lot that is a 15 minute walk or 5 minute shuttle ride to your office for \$12 daily, charged only on days you park
- You park in lot that is a 20 minute walk or 10 minute shuttle ride to your office for \$2800 annually

Pair B4 - pick the one you would prefer:

- You park in lot that is a 15 minute walk or 5 minute shuttle ride to your office for \$1600 annually
- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; you park in lot that is a 10 minute walk to your office for \$8 daily, charged only on days you park

Pair B5 - pick the one you would prefer:

- You have a Mobility Pass to ride the MBTA subway and buses at no cost to you; you park in lot that is a 5 minute walk to your office for \$2800 annually
- You park in lot that is a 10 minute walk to your office for \$8 daily, charged only on days you park

Optional: Do you have any comments about the combinations you rated above?

## Community Problem Solving

MIT is concerned about the effects automobile travel has on the environment and the increasing cost of providing safe and secure parking for commuters. To address these concerns while still providing commuters with reasonable alternatives, the Institute is considering expanding further the range of options available to automobile users.

### A. Daily Parking Fees

MIT currently offers two primary parking options: (i) an annual parking permit and (ii) an occasional parking permit. The Institute is considering eliminating the annual permit and replacing it with a daily pay-as-you-go permit, allowing commuters only to pay for their actual usage. Do you have any comments on this idea?

### B. Differential Parking Fees

MIT currently offers a two-tier parking fee structure for regular automobile commuters: (i) a Regular Commuter permit valid for parking at designated parking areas and lots, and (ii) a discounted Economy Regular Commuter permit for parking in the West Lot. The Institute is considering expanding this program to introduce a 3rd tier for parking in underground parking garages, the most convenient facilities available. Do you have any comments on this idea?

### C. Mobility Pass

MIT has been running a pilot program that provides MBTA subway and local bus service to regular parking permit holders at no additional charge. The program is intended to encourage automobile commuters to try public transit occasionally, thus reducing auto traffic and congestion, and reducing the demand for parking spaces on campus. The Institute is considering formalizing this program for all full-time parkers, and possibly expanding it to other user groups. Do you have any comments on this idea?

## Last Section: Almost Done!

1. As part of the ongoing research initiatives involving travel patterns, we are interested in understanding how you use the MBTA system. To participate, please enter your MIT ID number if you use your ID to ride the MBTA, or the number on your CharlieCard. MIT will confidentially monitor the total transit usage of the card number you enter. You may rescind your participation in this program at any time by contacting John Attanucci at [jattan@mit.edu](mailto:jattan@mit.edu).

Charlie INSIDE Number

MIT ID

2. May we follow up with you if we have questions about your commuting patterns for additional MIT research? If so, please provide the best email address where MIT researchers may reach you. By providing your email address here, your survey response will include your email address when shared with researchers.

3. What is the most important thing MIT could do to improve commuting?

Thank You Drawing As our thanks for completing the survey, all survey completers will be entered into a drawing for one of two grand prizes, TechCash credits of \$100, \$50 and \$25, and \$50 Zipcar gift certificates. Please tell us which grand prize you would prefer:

- \$500 MIT TechCash
- \$500 American Express Gift Cheques
- Apple iPad Air 2 (16 GB)
- I do not wish to be entered in the drawing.