Consent

Welcome to McMaster University 2010 Faculty and Staff Travel Survey.

The objective of this survey is to collect information about the travel behavior of faculty and staff at McMaster, in particular their choice of a mode of transportation. This information will help us to better understand transportation issues related to commuting to Campus.

The survey should take about 15 minutes to complete. Upon completion, you will be given the opportunity to enter a draw for a prize.

1. I have read the Form of Consent and agree to participate.

jm	Yes
im	No

Decline consent
You must agree to the conditions before you can complete the questionnaire.
1. Are you sure you wish to quit?
jn Yes
jn No (go back to consent form)

Opinions about Travel

In this section we ask about your views on a variety of issues directly or indirectly related to travel.

1. For each of the following statements, please check the response that best expresses your opinion. Please think of your experience commuting to campus. Your opinions are important even if you're not very familiar with some of the topics mentioned.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I use my commute time productively	ja	ja	jn	j m	j ta
The buses I usually travel in are comfortable	j'n	j m	jn	J n	j m
I limit my auto travel to help improve congestion and the environment	j m	jm	jn	j m	j m
Usually, I'd rather have someone else do the driving	j m	j m	jn	j m	j m
I feel safe and secure when walking in my neighborhood	j ra	ja	jn	j m	j m
I like traveling alone	j m	j m	jn	j n	j m
Shelters and other public transportation facilities that I commonly use are of good quality	јm	jm	jm	jn	jm
Travel time is generally wasted time	jm	j m	j m	Jm	j m
My commute is a real hassle	j m	j m	ja	j n	j m
My commute trip is a useful transition between home and school	jn	jn	jn	jn	j m
Getting stuck in traffic doesn't bother me too much	ja	ja	jn	j n	ja
The traveling that I need to do interferes with doing other things I like	jn	jn	j m	J m	j m
To improve the environment, I am willing to pay a little more to use a hybrid, electric or other clean fuel vehicle	j m	j m	jm	ja	jn
There is a sense of community in my neighborhood	jm	j m	jm	Jm	j m
I feel safe and secure to cycle around town	j m	j m	ja	j n	j m
We should raise the price of gasoline to reduce congestion and air pollution	jn	j m	j m	jn	j m
Traveling is generally tiring for me	ja	j ta	ja	j to	jm
I often worry about my safety when I travel	jn	jn	jn	j n	jn
Traveling makes me nervous	jn	jn	jm	j m	jn
I like to live in a neighborhood where there's a lot going on	j'n	j m	jn	j m	j m
Having shops and services within walking distance of my home is important to me	jn	ja	jn	jto	j a
The only good thing about traveling is arriving at your destination	jn	jn	jn	j m	jn
"Getting there is half the fun"	j m	j m	jn	<u>j</u> to	j m
We can find cost-effective technological solutions to the problem of air pollution	jm	j n	j m	j m	j m
The personal vehicles I usually travel in are comfortable	jn	jn	jn	j n	j m
I am uncomfortable being around people I don't know when I travel by public transportation	J	j m	j m	j m	j m
We need more public transportation even if taxes have to pay for a lot of the costs	ja	ja	jn	j to	ja
Traveling is boring	J'n	j'n	j m	j n	j m

I know my neighbors well	ja ja ja ja
2. Some people may value their commute home and school, while others may feel i	e time as a transition between t is stressful or a waste of time. For
you, what would be the ideal ONE-WAY ITO-SCHOOL OFFICE travel time (in minut	

Commuting t	to campus				
1. On a typi	cal school week	c, I travel to camp	ous		
jn Once a week		j∩ Three days a week	jn Ev	ery weekday	
j⊤∩ Two days a w	veek .	jn Four days a week			
2. On the la	st school day w	hen I traveled to	campus		
My arrival time (the time when I got to Campus) was:	HH MM AM/PM	6			
3. On the la		hen I traveled to	campus, my	mode of	
j∩ Walk/Cycle	j _™ Car	j₁ GO	Transit	jn HSR	

Cyclers/Pedestrians
1. On the last school day when I commuted to campus: jn I rode a bycicle jn I walked
2. Cycling or walking time to campus: My travel time door-to-door (i.e. from my place of residence to my classroom/office) was (in min)

My transportation modes - HSR Bus
1. On that day I didn't use HSR to commute to campus BUT: jn HSR was a viable transportation alternative
jn I am not in an area serviced by HSR

HSR transit schedule
How long would it take me to travel to Mac by HSR? Help me find out!
Based on my usual origin and destination at Mac, the following information applies:
1. My trip duration in minutes by HSR would be:
2. My walking distance in kilometres if using HSR would be:
3. The number of transfers if using HSR would be:
4. The information above is based on:
jn Previous experience
jn Personal estimate
jn HSR trip planner

My transportation modes - Car	
1. On that day I didn't use a car to commute to campus BUT:	
jn Car was a viable transportation alternative	
j_{\cap} I didn't have access to a vehicle	

Car schedule
How long would it take me to travel to Mac by Car? Help me find out!
(Select "Get directions". Type your "Start adress". For the end address, type "McMaster University")
Based on my usual origin and destination at Mac, the following information applies:
1. My trip duration in minutes by car would be:
2. My trip distance in kilometres by car would be:
3. The information above is based on:
jn Google maps
jn Personal estimate
jn Previous experience

My transportation modes - GO Transit
1. On that day I didn't use GO Transit to commute to campus BUT: jn GO Transit was a viable transportation alternative jn I am not in an area serviced by GO Transit
Jii Tum not in an area serviced by Ge Transit

GO Transit schedule
How long would it take me to travel to Mac by GO Transit? Help me find out!
(Click on your point of origin. Select bus or train service as appropriate. Enter direction of trip. Find out departure and arrival times.)
1. Departure time
HH MM AM/PM My time of departure would be:
2. Arrival time
My time of arrival would be: HH MM AM/PM :
3. Number of transfers when using GO The number of transfers (changing buses/trains) would be:
4. Access time when using GO
My estimated access time in minutes (e.g. the time it would take me to walk/drive/cycle from my point of origin to a GO stop/station) would be:
5. Egress time when using GO
My estimated egress time in minutes (e.g. the time it would take me to walk from a bus stop to my point of destination) would be:
6. The information above is based on:
jn GO Transit schedule finder
jn Personal estimate
jn Previous experience

HSR Users
1. On the last school day when I commuted to campus, my access time by HSR Access time in minutes (e.g. the time it took me to walk from my point of origin to a bus stop) was:
2. Number of transfers when using HSR The number of transfers (changing buses) was:
3. In-vehicle travel time when using HSR The duration in minutes of my trip, considering all segments was:
4. Egress time when using HSR My egress time in minutes (e.g. the time it took me to walk from a bus stop to my point of destination) was:
5. Waiting time when using HSR Overall, the time I spent waiting for my bus (es) to come was:

My transportation modes - Bicycle/Walking
1. On that day I didn't walk or ride a bycicle to commute to campus BUT:
$j_{ extstyle \cap}$ Walking or cycling was a viable transportation alternative
$j_{\gamma\gamma}$ I am too FAR AWAY to walk or cycle to school
jn I didn't cycle or walk because weather was poor

What is the distance between my point of origin to campus? Help me find out!

(Select "Get directions". Type your "Start adress". For the end address, type "McMaster University". Drag the route to reflect the path you would take)

- 1. My trip distance in kilometres if walking/cycling would be:
- 2. The information above is based on:
- ├∩ Google maps
- n Previous experience
- m Personal estimate

My transportation modes - Car	
1. On that day I didn't use a car to commute to campus BUT:	
jn Car was a viable transportation alternative	
j_{\cap} I didn't have access to a vehicle	

Car schedule
How long would it take me to travel to Mac by Car? Help me find out!
(Select "Get directions". Type your "Start adress". For the end address, type "McMaster University")
Based on my usual origin and destination at Mac, the following information applies:
My trip duration in minutes by car would be:
2. My trip distance in kilometres by car would be:
3. The information above is based on:
jn Previous experience
jn Personal estimate
jn Google maps

My transportation modes - GO Transit		
1. On that day I didn't use GO Transit to commute to campus BUT: jn GO Transit was a viable transportation alternative		
j∩ I am not in an area serviced by GO Transit		

GO Transit schedule	
How long would it take me to travel to	o Mac by GO Transit? <u>Help me find out!</u>
(Click on your point of origin. Select be departure and arrival times.)	ous or train service as appropriate. Enter direction of trip. Find out
1. Departure time	L MM AM/DM
My time of departure would be:	H MM AM/PM :6
2. Arrival time	
My time of arrival would be:	H MM AM/PM : 6
3. Number of transfers wh	nen using GO
The number of transfers (changing buses/trains) would be:	
4. Access time when using	g GO
My estimated access time in minutes (extime it would take me to walk/drive/cycle my point of origin to a GO stop/station) be:	e from
5. Egress time when using My estimated egress time in minutes (e time it would take me to walk from a but o my point of destination) would be:	.g. the
6. The information above	is based on:
jn Previous experience	
jn GO Transit schedule finder	
jn Personal estimate	

1. On the last school day when I commuted to campus, I traveled:		
j∩ Alone	j₁ With 2 other people	j∩ With 4 or more other people
jn With 1 other person	jn With 3 other people	
2and I was the driver		
jn False		
jn True		
3. In-vehicle travel time		
The duration in minutes of my trip was		
4. I/we:		
j_{Ω} Parked in one of the parking lots	on campus	
j_{Ω} Parked off-campus		
jn Was/were dropped off near the ur	niversity	
5. Egress time		
My egress time in minutes (e.g. the tin took me to get from a parking spot to point of destination) was:		

Car Users

My transportation modes - Bicycle/Walking 1. On that day I didn't walk or cycle to commute to campus BUT: \mathfrak{f}_{\square} Walking or cycling was a viable transportation alternative $\uparrow \cap$ I am too FAR AWAY to walk or cycle to school jn I didn't cycle or walk because weather was poor

What is the distance between my point of origin to campus? Help me find out!

(Select "Get directions". Type your "Start adress". For the end address, type "McMaster University". Drag the route to reflect the path you would take)

- 1. My trip distance in kilometres if walking/cycling would be:
- 2. The information above is based on:
- ├∩ Google maps
- n Previous experience
- m Personal estimate

My transportation modes - HSR Bus
1. On that day I didn't use HSR to commute to campus BUT: jn HSR was a viable transportation alternative
jn I am not in an area serviced by HSR

HSR transit schedule
How long would it take me to travel to Mac by HSR? Help me find out!
Based on my usual origin and destination at Mac, the following information applies:
1. My trip duration in minutes by HSR would be:
2. My walking distance in kilometres if using HSR would be:
3. The number of transfers if using HSR would be:
4. The information above is based on:
jn Previous experience
jn Personal estimate
jn HSR trip planner

My transportation modes - GO Transit		
1. On that day I didn't use GO Transit to commute to campus BUT: jn GO Transit was a viable transportation alternative		
j∩ I am not in an area serviced by GO Transit		

GO Transit schedule	
How long would it take me to travel to	o Mac by GO Transit? <u>Help me find out!</u>
(Click on your point of origin. Select be departure and arrival times.)	ous or train service as appropriate. Enter direction of trip. Find out
1. Departure time	L MM AM/DM
My time of departure would be:	H MM AM/PM :6
2. Arrival time	
My time of arrival would be:	H MM AM/PM : 6
3. Number of transfers wh	nen using GO
The number of transfers (changing buses/trains) would be:	
4. Access time when using	g GO
My estimated access time in minutes (extime it would take me to walk/drive/cycle my point of origin to a GO stop/station) be:	e from
5. Egress time when using My estimated egress time in minutes (e time it would take me to walk from a but o my point of destination) would be:	.g. the
6. The information above	is based on:
jn Previous experience	
jn GO Transit schedule finder	
jn Personal estimate	

GO Transit Users	
1. On the last school day when I commuted to campus, my access time by GO was Access time in minutes (e.g. the time it takes me to walk/drive/cycle from my point of origin to a GO stop/station) was:	
2. Number of Transfers when using GO The number of transfers (changing buses/trains) was:	
3. In-vehicle travel time when using GO The duration in minutes of my trip, considering all segments was:	
4. Egress time when using GO My egress time in minutes (e.g. the time it took me to walk from a bus stop to my point of destination) was:	
5. Waiting time when using GO	
Overall, the time I spent waiting for my bus (es)/train to come was:	
6. I usually pay my GO Transit trips:	
jn Fare at the station/bus	
jn I buy monthly passes	
j _∩ I buy discounted tickets	

My transportation modes - Bicycle/Walking 1. On that day I didn't walk or cycle to commute to campus BUT: \mathfrak{f}_{\square} Walking or cycling was a viable transportation alternative $\uparrow \cap$ I am too FAR AWAY to walk or cycle to school $\uparrow_{\mbox{\scriptsize Ω}}$ I didn't walk or cycle because the weather was poor

Walking/cycling	schedule

What is the distance between my point of origin to campus? Help me find out!

(Select "Get directions". Type your "Start adress". For the end address, type "McMaster University". Drag the route to reflect the path you would take)

- 1. My trip distance in kilometres if walking/cycling would be:
- 2. The information above is based on:
- personal estimate
- j∩ Google maps
- jn Previous experience

My transportation modes - HSR Bus
1. On that day I didn't use HSR to commute to campus BUT: jn HSR was a viable transportation alternative
jn I am not in an area serviced by HSR

HSR transit schedule
How long would it take me to travel to Mac by HSR? Help me find out!
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My trip duration in minutes by HSR would be:
2. My walking distance in kilometres if using HSR would be:
3. The number of transfers if using HSR would be:
4. The information above is based on:
jn Personal estimate
j∩ HSR trip planner
jn Previous experience

My transportation modes - Car	
1. On that day I didn't use a car to commute to campus BUT:	
jn Car was a viable transportation alternative	
j_{\cap} I didn't have access to a vehicle	

Car schedule
How long would it take me to travel to Mac by Car? Help me find out!
(Select "Get directions". Type your "Start adress". For the end address, type "McMaster University")
Based on my usual origin and destination at Mac, the following information applies:
1. My trip duration in minutes by car would be:
2. My trip distance in kilometres by car would be:
3. The information above is based on:
jn Google maps
jn Personal estimate
jn Previous experience

My Views of Travel

In this section, we would like to ask about your views regarding traveling to campus

1. We want to get your reaction to the amount of travel you do to commute to campus. If you don't want to travel by a certain mode, check "about the same".

When commuting to school, I'd like to travel _____ compared to what I do now:

	Much less	Less	About the same	More	Much more
in any personal vehicle	j to	j n	jn	jα	j a
using HSR	j n	j m	j n	jm	j m
walking/cycling	j ta	j m	j n	j o	j a
using GO transit	j m	j m	<u>j</u> m	jn.	j m

2. How do you feel about traveling to campus? The question is not about the activities in school, but about the travel required to get there. Even if you seldom or never travel in a certain category, you may still have a feeling about it.

Feeling about travel to campus:

	Strongly dislike	Dislike	Neutral	Enjoy	Strongly enjoy
in a personal vehicle	j m	j m	ja	jta	j ra
using HSR	j m	j m	j n	j m	j m
walking/cycling	j ta	j m	ja	j n	j o
using GO transit	j m	j m	jn	j m	j m

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-	-		\sim		v.
		V 40 V 4			N.

Telework is a flexible form of workplace arrangement that allows people to work from home part of the time in lieu of commuting to a conventional work location.

1. The amount of time I currently spend teleworking is:

jn Not at all	j₁ 1-2 days a week	jn Occasional partial days
j_{fl} Less than once a month	j₁ 3-4 days a week	
in About 1-3 days a month	in 5 days a week	

2. On the last school day when I traveled to campus

	НН	MM	AM/PM	
My arrival time	:			6
(the time when I				
got to Campus)				
was:				

3. On the last school day when I traveled to campus, my mode of transportation was:

m	Walk/Cycle	†ດ GO Transit	h HSR	├n Car

General Information We are almost finished! We just need some additional information about you. 1. My gender is: ├∩ Female jn Male 2. My age is (age in years): 3. My employment status is: Faculty Tenured Staff Full-time Faculty Tenure-Track j∩ Staff Part-time jn CLA 4. My primary workplace is: ¡∩ Chedoke Hospital ├∩ McMaster Innovation Park ├─ Frid Building n McMaster Main Campus (Westdale) †n Henderson Hospital 5t. Joseph's Hospital j⊓ McMaster Downtown Centre Other primary workplace (please specify) 5. My faculty or program is: Arts & Science jn MBA ├∩ Business in Medicine/Midwifery in Divinity College ├∩ Science jn Engineering Social Sciences † Health Sciences ├── Continuing Education †n Humanities

6. I have a McMaster University Parking Permit:

jn Yes in No

Other (please specify)

•	7. I possess a driving license
	j _∩ Yes
	j₁∩ No
	If you have an Ontario driving license, is it G, G1, or G2?

Residence and Household My place of residence is at: 1. City/Town 2. The Postal Code is (e.g. A#A#A# - no spaces in between)... 3. ...and/or the NEAREST major intersection is (e.g. King St W and Sterling): 4. Number of members in my family living at this location, including me: 5. Number of people under the age of 15 in my household jn 0 jn 1

6. I am the primary caregiver for any children in the household (e.g. I take

them and/or pick them up at daycare/school, etc.)

m 2

∱∩ Yes

in No

n 3 or more

Mobility Tool Ownership
1. I personally own a bicycle
j _M Yes
jn No
2. I, or a family member/relative, own(s) a vehicle in the place where I live during the school year
j _M Yes
jn No

Vehicle Availability				
	or a family member/relative, own(s) in my household icles in each class; leave blank if zero):			
2. I have access to at	least one of these vehicle(s) AS A DRIVER			
j _n Yes				
jn No				

Vehicle Sharing				
1. I share this vehicle with at least one other person				
j₁∩ No				

Vehicle Primacy 1. I have access to this vehicle: jn Less than 25% of the time jn Approximately 25% of the time jn Approximately 50% of the time j_{tot} Approximately 75% of the time jn More than 75% of the time

E-mail address					
Now we are done!					
1. Please write any comments that you may wish to add in the box below, and then click here to enter your e-mail address for the chance to win an exciting prize!					

The End					
Thanks for your time!					

