



2019 Commuter/RideShare Survey by Campus: Data Notes Commute Mode and Average Miles/Trip

Data are based on self-reported responses to the 2019 Commuter/RideShare Survey. This survey was sent to all members of the Tufts community (faculty, staff, students). Respondents were asked to self-report the campus on which they spend a majority of their time. The survey included two questions about commute mode:

- (1) What mode of transportation did you use for the majority of your commute to Tufts during the week of April 29th - May 3rd 2019?
- (2) How did you get to your classes during the week of April 29th - May 3rd, 2019?

The first question was displayed to respondents who do not live in university housing. The second was displayed only to student respondents who live on-campus in university-owned housing.

Respondents were asked to indicate the mode of transportation used for the majority of their commute to Tufts each day (Monday through Friday) during the week of April 29th - May 3rd, 2019. Counts of trips are based on one-way trips (i.e. one respondent counts for one trip per day of the week). Respondents were also asked to report their home zip code.

Average miles per trip are calculated based on the distance between each respondent's campus and their self-reported zip code. Students who live on-campus were not asked to report their zip code, and average commute distance is not applicable since they live on campus.

Please note: Respondents who met any of the following conditions have been excluded from the data:

- (a) Respondents who reported zip codes more than 150 miles from primary campus
- (b) Respondents who reported biking or riding the subway (the T) from zip codes more than 100 miles from their primary campus
- (c) Respondents who reported walking from zip codes more than 10 miles from their primary campus

The tables on the next three pages show counts of responses to all survey commute mode options. Page two shows responses from faculty and staff; page three shows responses from graduate and undergraduate students who live off-campus; page four shows responses from graduate and undergraduate students who live on-campus in university owned housing.

No average distance is shown for the options "Working remotely," "I was not working/On vacation," and "I was not on campus."

Page five of this report shows responses additional questions about the MBTA Green Line Extension and electric vehicle ownership.



2019 Commuter/RideShare Survey Responses: Faculty and Staff
Commute Mode and Average Miles/Trip by Campus

What mode of transportation did you use for the majority of your commute to Tufts?

		Faculty			Staff		
		Trips (#)	Trips (%)	Average miles/trip	Trips (#)	Trips (%)	Average miles/trip
Boston	Bicycle	23	2.4%	4.8	32	1.1%	4.4
	Bus	46	4.8%	25.0	181	6.2%	11.3
	Carpool	46	4.8%	11.8	125	4.3%	8.3
	Commuter Rail	134	14.1%	21.2	528	18.1%	19.3
	Drove a motorcycle or moped	2	0.2%	8.2	3	0.1%	6.5
	Drove alone	226	23.8%	11.1	402	13.8%	14.7
	Subway	283	29.8%	5.8	1,306	44.7%	5.9
	Vanpool				5	0.2%	29.7
	Walked	59	6.2%	1.6	109	3.7%	1.3
	Worked Remotely	48	5.1%	10.8	123	4.2%	15.3
	I was not working/On vacation	82	8.6%	10.0	108	3.7%	9.9
	Campus Total		949	100.0%	10.8	2,922	100.0%
Grafton	Bicycle				4	0.4%	4.6
	Carpool	4	1.3%	29.2	16	1.7%	7.3
	Commuter Rail	5	1.6%	20.8	2	0.2%	30.8
	Drove alone	261	85.6%	10.0	826	87.1%	11.1
	Walked				1	0.1%	3.6
	Worked Remotely	10	3.3%	18.5	16	1.7%	21.0
	I was not working/On vacation	25	8.2%	6.8	83	8.8%	12.5
Campus Total		305	100.0%	10.4	948	100.0%	11.4
Medford/ Somerville	Bicycle	102	6.4%	2.4	155	3.1%	2.1
	Bus	42	2.6%	2.8	255	5.1%	2.6
	Carpool	47	2.9%	7.9	153	3.0%	7.5
	Commuter Rail	25	1.6%	24.3	83	1.7%	24.8
	Davis Square Shuttle	5	0.3%	1.9	13	0.3%	1.0
	Drove a motorcycle or moped	8	0.5%	4.5	16	0.3%	9.5
	Drove alone	886	55.4%	9.0	3,172	63.1%	9.2
	Subway	50	3.1%	4.9	201	4.0%	5.3
	Vanpool	2	0.1%	3.0	4	0.1%	28.8
	Walked	170	10.6%	1.0	578	11.5%	1.0
	Worked Remotely	219	13.7%	8.3	208	4.1%	11.2
	I was not working/On vacation	42	2.6%	4.9	190	3.8%	12.2
Campus Total		1,598	100.0%	7.4	5,028	100.0%	7.9
SMFA	Bicycle	3	3.1%	5.9	8	4.0%	3.6
	Bus	3	3.1%	4.8	38	19.0%	2.8
	Carpool	7	7.2%	3.4	16	8.0%	14.7
	Commuter Rail	9	9.3%	30.3	9	4.5%	26.3
	Davis Square Shuttle				2	1.0%	1.3
	Drove alone	40	41.2%	16.8	62	31.0%	12.2
	Subway	9	9.3%	3.8	41	20.5%	4.6
	Walked	1	1.0%	1.8	12	6.0%	2.3
	Worked Remotely	16	16.5%	22.5			
	I was not working/On vacation	9	9.3%	16.8	12	6.0%	18.7
	Campus Total		97	100.0%	15.9	200	100.0%



2019 Commuter/RideShare Survey Responses: Off-campus Students
 Commute Mode and Average Miles/Trip by Campus

What mode of transportation did you use for the majority of your commute to Tufts?

		Graduate			Undergrad		
		Trips (#)	Trips (%)	Average miles/trip	Trips (#)	Trips (%)	Average miles/trip
Boston	Bicycle	104	2.0%	2.7			
	Bus	213	4.1%	5.4	6	3.0%	1.7
	Carpool	46	0.9%	5.3	1	0.5%	0.6
	Commuter Rail	183	3.5%	12.3			
	Davis Square Shuttle	3	0.1%	4.3	5	2.5%	4.8
	Drove a motorcycle or moped	1	0.0%	5.4			
	Drove alone	323	6.2%	9.7	21	10.7%	10.2
	Subway	2,041	39.5%	3.8	31	15.7%	3.2
	Vanpool	5	0.1%	2.5	1	0.5%	0.0
	Walked	1,237	23.9%	0.6	128	65.0%	1.7
	I was not on campus	1,017	19.7%	7.8	4	2.0%	5.2
	Campus Total		5,173	100.0%	4.5	197	100.0%
Grafton	Bicycle	1	0.1%	6.3			
	Carpool	67	5.3%	6.9	5	100.0%	6.7
	Commuter Rail	1	0.1%	28.3			
	Drove alone	998	78.4%	6.4			
	Subway	4	0.3%	29.6			
	Walked	6	0.5%	2.5			
	I was not on campus	196	15.4%	7.0			
Campus Total		1,273	100.0%	6.6	5	100.0%	6.7
Medford/ Somerville	Bicycle	254	7.2%	1.5	106	4.0%	0.8
	Bus	210	5.9%	2.8	30	1.1%	1.2
	Carpool	109	3.1%	2.5	48	1.8%	1.6
	Commuter Rail	25	0.7%	11.7	6	0.2%	13.1
	Davis Square Shuttle	44	1.2%	1.1	18	0.7%	1.3
	Drove a motorcycle or moped	13	0.4%	1.7	5	0.2%	1.8
	Drove alone	817	23.1%	6.4	231	8.8%	7.7
	Subway	123	3.5%	4.6	51	1.9%	3.0
	Vanpool	7	0.2%	0.9	7	0.3%	2.5
	Walked	1,452	41.0%	0.9	1,896	72.4%	0.8
	I was not on campus	485	13.7%	6.1	220	8.4%	4.7
	Campus Total		3,539	100.0%	3.3	2,618	100.0%
SMFA	Bus	5	5.3%	3.0	4	16.7%	1.4
	Carpool	8	8.5%	1.3			
	Commuter Rail	10	10.6%	5.2			
	Davis Square Shuttle	7	7.4%	0.6			
	Drove a motorcycle or moped	1	1.1%	2.1			
	Drove alone	27	28.7%	8.8	4	16.7%	33.4
	Subway	21	22.3%	2.0	5	20.8%	8.0
	Vanpool				9	37.5%	3.1
	Walked	3	3.2%	0.4			
	I was not on campus	12	12.8%	9.8	2	8.3%	0.4
Campus Total		94	100.0%	5.1	24	100.0%	8.7

***This report is intended for internal use only**
 Please contact Emma Morgan (emma.morgan@tufts.edu) in OIR with any questions.*



2019 Commuter/RideShare Survey Responses: On-campus Students
Commute Mode and Average Miles/Trip by Campus

How did you get to your classes during the week of April 29th - May 3rd, 2019?*

		Graduate		Undergrad	
		Trips (#)	Trips (%)	Trips (#)	Trips (%)
Boston	Subway ("The T")	2	2.0%		
	Walked	91	91.0%	57	89.1%
	Other			1	1.6%
	I did not go to class	7	7.0%	6	9.4%
	Campus Total	100	100.0%	64	100.0%
Medford/ Somerville	Bicycle			18	0.7%
	Bus	2	1.9%	2	0.1%
	Carpool	2	1.9%	2	0.1%
	Drove alone			4	0.2%
	Subway ("The T")	6	5.6%	4	0.2%
	Tufts shuttle			38	1.5%
	Walked	88	81.5%	2,068	83.7%
	Other			5	0.2%
	I did not go to class	10	9.3%	331	13.4%
	Campus Total	108	100.0%	2,472	100.0%
SMFA	Bus			5	11.1%
	Tufts shuttle	3	60.0%	21	46.7%
	Walked			9	20.0%
	Other	1	20.0%	2	4.4%
	I did not go to class	1	20.0%	8	17.8%
	Campus Total	5	100.0%	45	100.0%

*This question was shown to respondents who live on campus in university-owned housing. Respondents were asked to self-report campus with the question "On which campus do you spend the majority of your time?"

No respondents selected "Drove a motorcycle or moped."

2019 Commuter/RideShare Survey Responses
 Responses by Campus: Green Line Extension, Electrical Vehicle

How likely will you be to use the Green Line Extension to commute to Tufts?*										
	Faculty		Staff		Graduate		Undergrad		All Respondents	
	Responses (#)	Responses (%)	Responses (#)	Responses (%)	Responses (#)	Responses (%)	Responses (#)	Responses (%)	Responses (#)	Responses (%)
Very likely	37	10.8%	83	8.0%	145	19.8%	118	22.0%	383	14.5%
Likely	24	7.0%	83	8.0%	80	10.9%	60	11.2%	247	9.3%
Not very likely	69	20.1%	204	19.7%	147	20.1%	73	13.6%	493	18.6%
Not at all likely	191	55.5%	573	55.2%	219	29.9%	187	34.9%	1,170	44.2%
I don't know	23	6.7%	95	9.2%	141	19.3%	98	18.3%	357	13.5%

*This question was displayed to respondents from the Medford/Somerville campus who do not live in university-owned housing.

Do you own a plug-in electrical vehicle?***										
	Faculty		Staff		Graduate		Undergrad		All Respondents	
	Responses (#)	Responses (%)	Responses (#)	Responses (%)	Responses (#)	Responses (%)	Responses (#)	Responses (%)	Responses (#)	Responses (%)
Yes	13	5.20%	17	2.29%	4	1.69%	1	1.64%	35	2.71%
No, but I plan to purchase one within the next five years	67	26.80%	86	11.59%	46	19.41%	7	11.48%	206	15.97%
No, and I do not plan to purchase one within the next five years	170	68.00%	639	86.12%	187	78.90%	53	86.89%	1,049	81.32%

***This question was displayed to respondents from the Medford/Somerville campus who do not live in university-owned housing and who indicated that they drove their own car to work at least once during the week of April 29th - May 3rd.