

## AS-SJSU Transportation Solutions Fall 2018 Student Commute Survey Report

### 1 Survey

Transportation Solutions (TS) completed its eighteenth annual survey administered at the end of fall semester. This was TS's sixteenth online survey and it was administered by SurveyMonkey.

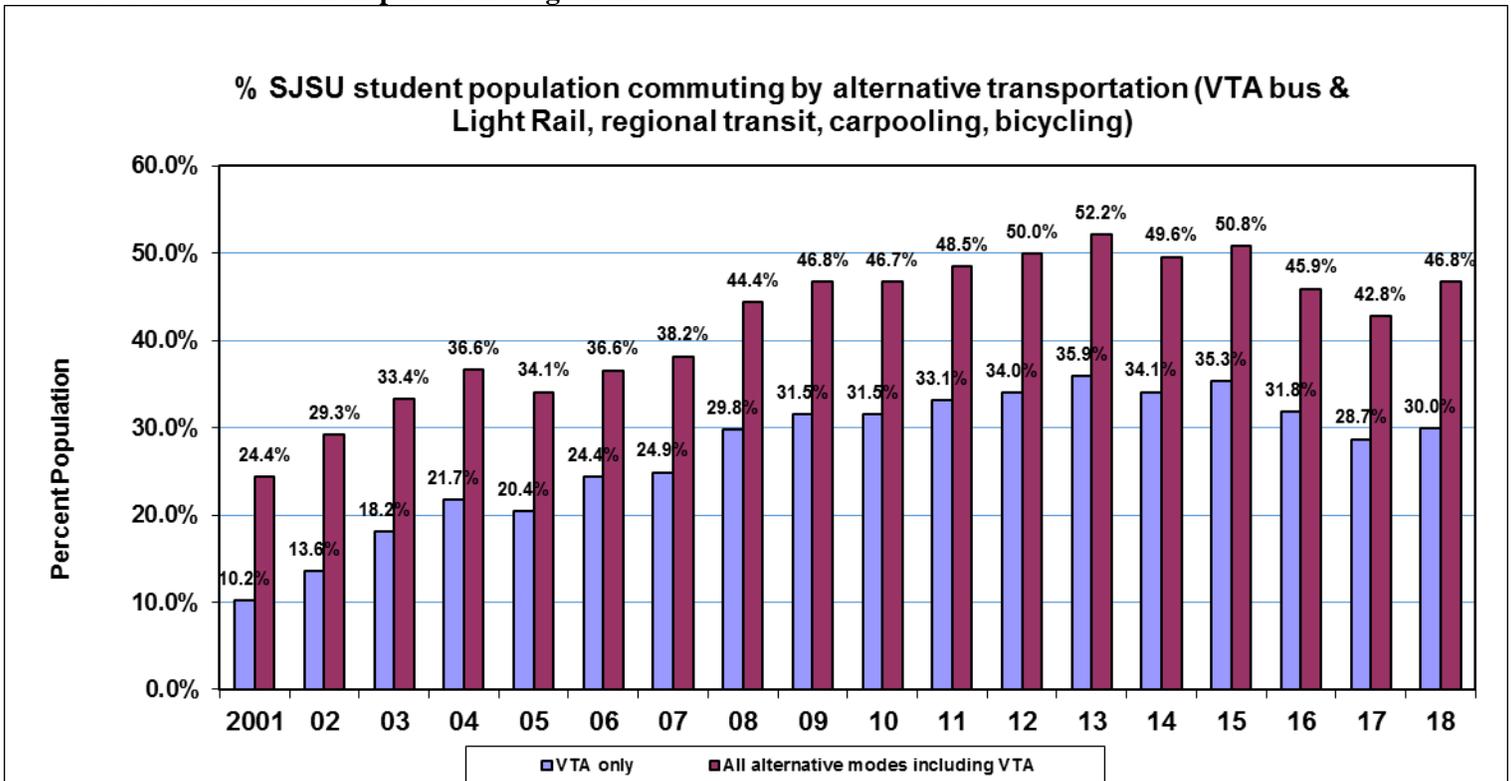
The survey was carried out from November 1<sup>st</sup> through 15<sup>th</sup>. The survey's link was sent to 33,972 students (Regular enrollment, Open University, Special sessions, etc.); 4,342 participated at a response rate of 12.8%.

The survey instrument was the same as previous years and the results have proved the TS effectiveness in reducing reliance on single occupant vehicles.

#### 1.1 Analysis

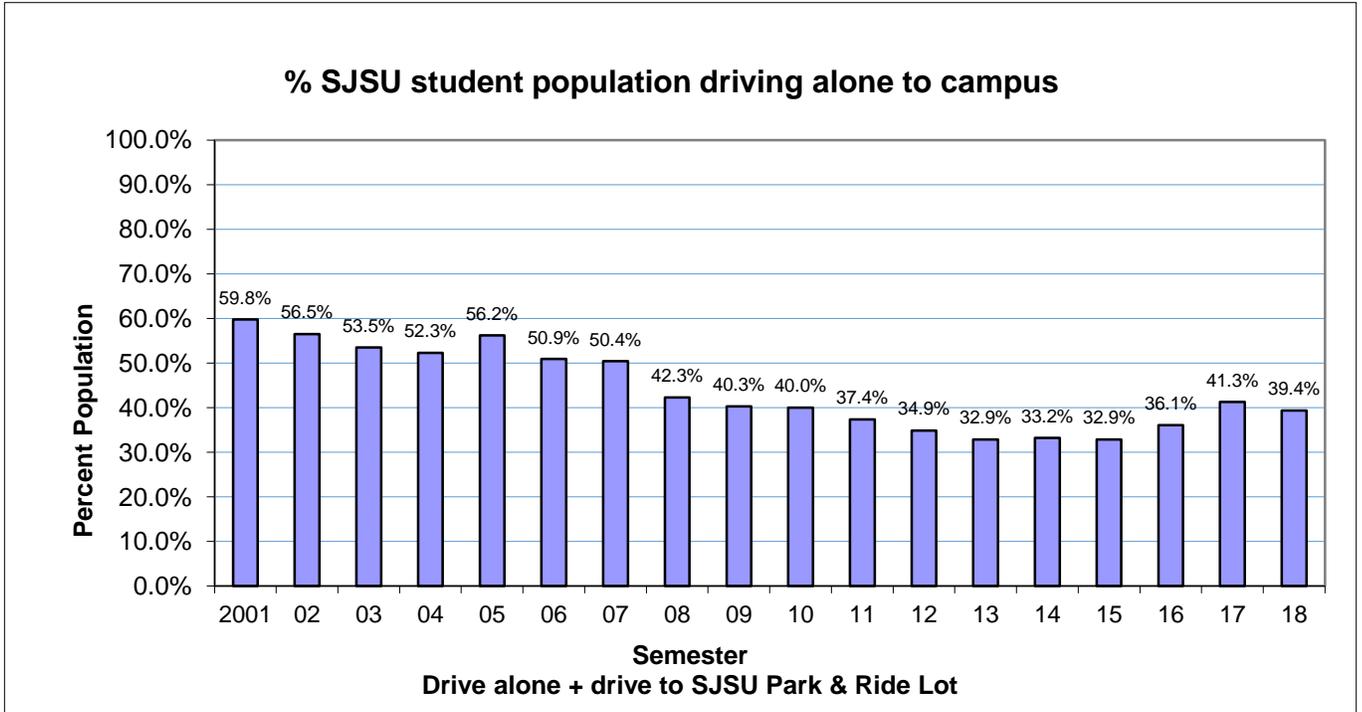
This survey produced consistencies in all response ratios compared with the previous years' results. The overall alternative transportation usage was at 46.8%. Extrapolated over the population of 33,972, the total alternative transportation users were estimated at 15,899. The Santa Clara Valley Transportation Authority (VTA) ridership to campus was at 30.0% or 10,192 riders. The rate for walk/ skateboard/ manual scooter was at 13.0% (4,416).

**SJSU alternative transportation usage trends**

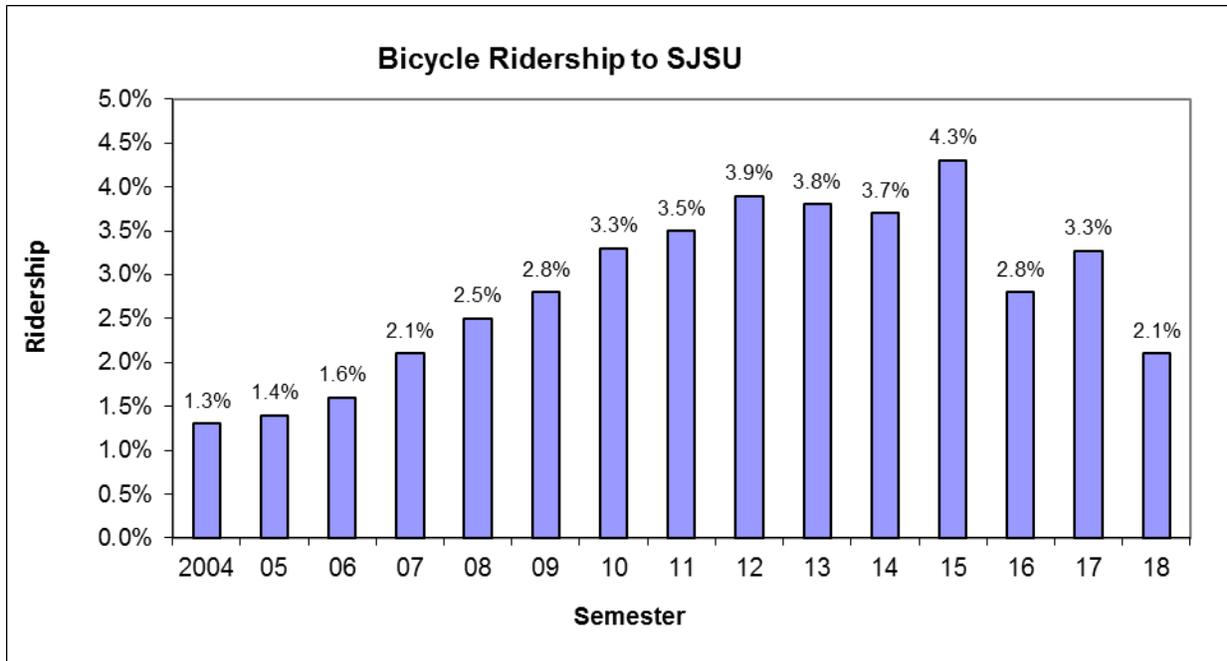


(Regional transit include: Caltrain, BART, Highway 17 Express, Altamont Corridor Express (ACE) train, Amtrak Capitol Corridor and Monterey-Salinas Transit).

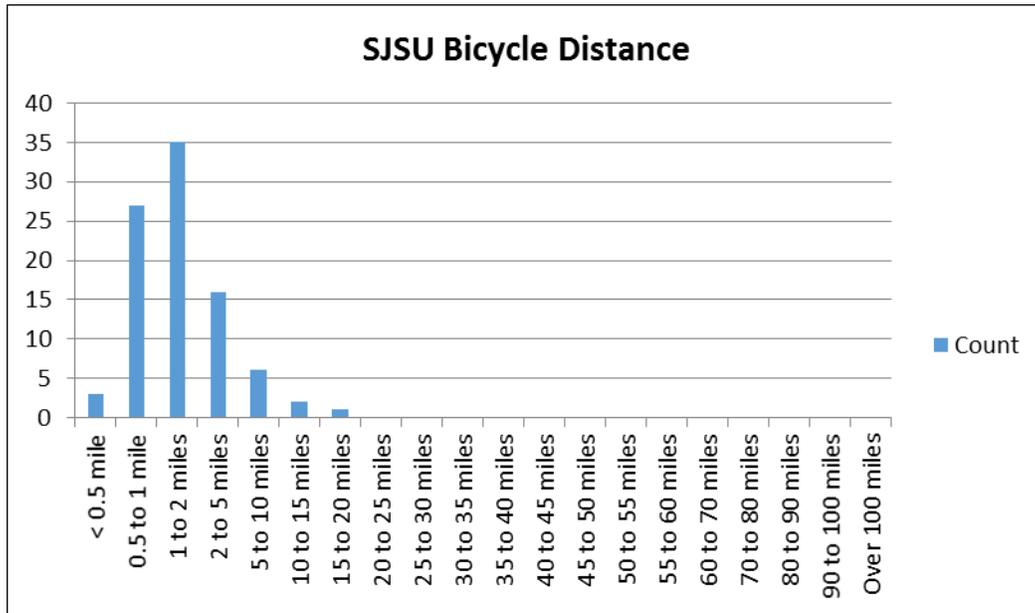
The total transit users including VTA (30.0% or 10,192) and regional transit (6.8% or 2,310) made up 36.8% of the population or 12,502 riders. The solo-driving to campus decreased 1.9%, from 41.3% in 2017 to 39.4% in 2018. The chart below shows the history of drive-alone rate to campus among SJSU students since fall 2001.



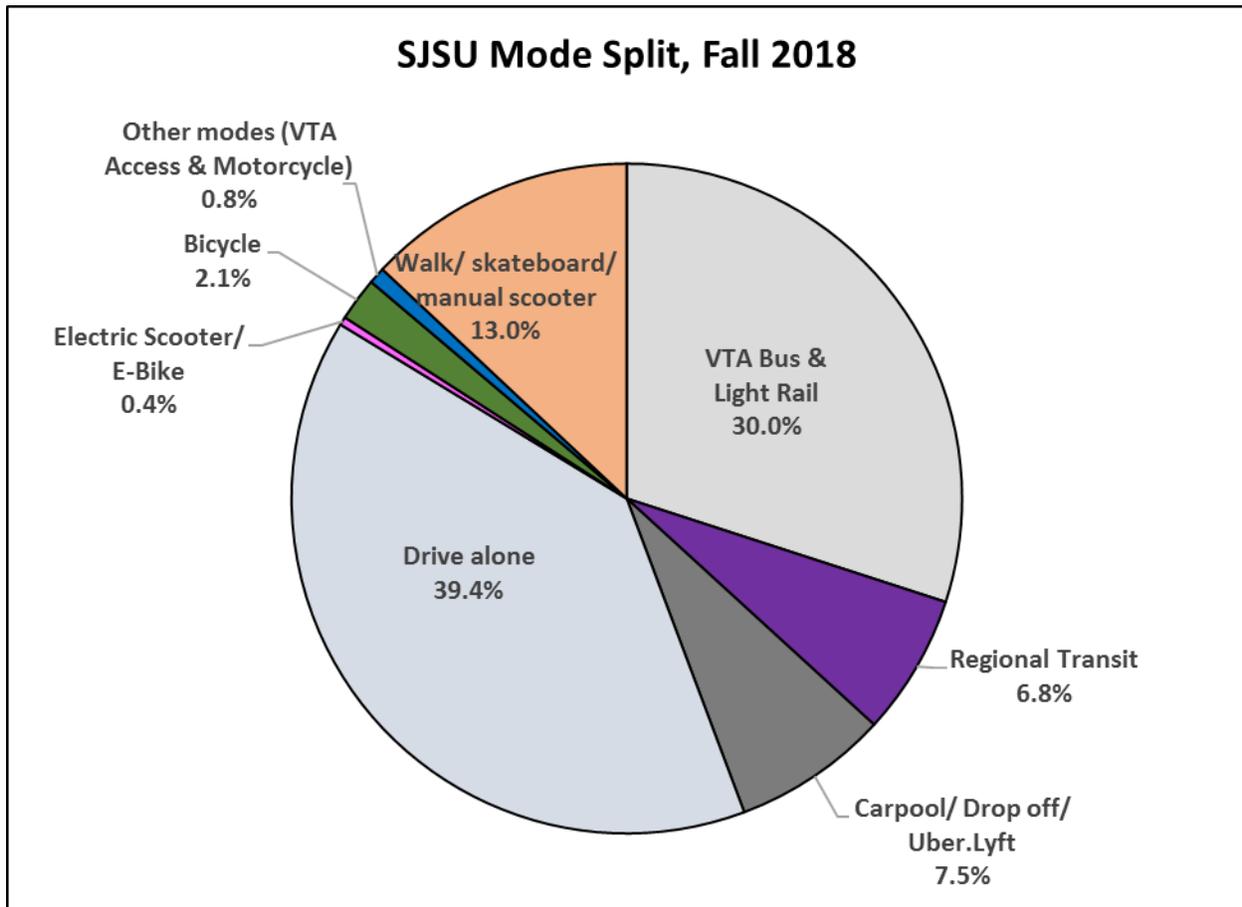
In 2018, 2.1% of the population or about 713 biked to campus. The following chart shows the history of bike ridership to campus.



The average biking distance to SJSU was 2.4 miles (Q5xQ9).



The following chart shows the commuter mode split to SJSU:



Other significant findings are as follows:

- a) Average frequency of travel to/from campus was 3.96 days per week, from the results of Question 4
- b) Average one-way trip distance (home to campus) was 14.3 miles, from the results of Question 9. Average time of commute was 34.8 minutes (Question 10). The following tables list the average one-way trip distance for each type of commuter mode (Q5xQ9).

<b>Transportation Mode</b>	<b>Average one-way distance (mile)</b>
Altamont Corridor Express (ACE)	49.7
Amtrak Capitol Corridor	44.4
BART	29.0
Caltrain	31.8
Hwy 17 Express	34.8
Monterey-Salinas Transit Bus 55	58.3
VTA Bus	9.4
VTA Light Rail	11.4
Carpool	21.2
Drop off	12.4
Uber/ Lyft	6.2
Bicycle	2.4
Electric Scooter/ E-Bike	1.7

- c) Average Drive-alone and Drive to Park & Ride distances are as follows:

<b>Transportation Mode</b>	<b>Average one-way distance (mile)</b>
Drive-alone	19.2
Drive to SJSU Park & Ride	14.9

- d) Average walking, skateboard/ manual scooter distance:

<b>Transportation Mode</b>	<b>Average one-way distance (mile)</b>
Walk	0.7
Skateboard/ Manual scooter	1.7

- e) Other

<b>Transportation Mode</b>	<b>Average one-way distance (mile)</b>
Motorcycle	16.5
VTA Access	10.7

f) The overall average frequency of travel using alternative transportation was 3.96 days/week. The following table shows the average alternative transportation days per week and per year (Estimated 42 weeks) by mode (Q5xQ4).

Transportation Mode	Average Commute Days per Week	Average Days per Year
Altamont Corridor Express (ACE)	3.3	139
Amtrak Capitol Corridor	3.1	130
BART	3.9	164
Caltrain	3.7	155
Hwy 17 Express	3.4	143
Monterey-Salinas Transit Bus 55	3.7	155
VTA Bus	4.2	176
VTA Light Rail	3.9	164
Carpool	3.7	155
Drop off	3.9	164
Uber/ Lyft	4.1	172
Bicycle	4.1	172
Electric Scooter/ E-Bike	3.9	164

g) Average Drive-alone and Drive to SJSU Park & Ride days are as follows:

Drive-alone	3.6	151
Drive to SJSU Park & Ride	3.9	164
<b>Average</b>	<b>3.8</b>	<b>158</b>

h) Average walking, skateboard/scooter days:

Walk	5.0	210
Skateboard/ Manual Scooter	4.8	202

i) Other

Motorcycle	3.7	155
VTA Access	4.6	193

j) Mode of travel when not using transit: The responses from Question 5 provide the percentages for all the commute modes. Based on the 33,972 enrollment, the numbers for non-transit commuters are extrapolated:

- Drive-alone plus Drive to SJSU Park & Ride was at 39.4% or 13,385
- Carpool, drop off and Uber/ Lyft at 7.5% or 2,548
- Bike was at 2.1% or 713,
- Electric scooter, E-bike at 0.4% or 136
- Walk/ skateboard/ manual scooter at 13.0% or 4,416
- Other modes at 0.8% or 272

k) The overall trips reduced among new and continuing student commuters:

Total transit (36.8%) plus half of carpool (1.9%) = 38.7% or 13,147

Also, based on the result of Question 19, 23.3% or 3,063 of the green transportation users have no other way than taking transit or carpooling to campus (They don't drive). Therefore, 13,147 – 3,063 = 10,084 chose not to drive.

The total number of automobile trips per day reduced = 10,084 x 2 one-way trips per day = 20,168

l) Mode of travel prior to use of Transportation Solutions services - The results of questions 17 and 18, mode of transportation before and after using TS services are as follows:

<b>Q17 &amp; Q18</b>	<b>Before</b>	<b>After</b>	<b>Net Change (After - Before)</b>
A. Bicycle	3.4%	3.6%	+0.2%
B. Electric scooter/ E-Bike	1.0%	1.0%	0.0%
C. Carpool	3.5%	2.4%	-1.1%
D. I get dropped off	15.9%	4.0%	-11.9%
E. Uber/ Lyft	3.4%	1.1%	-2.3%
F. Drive alone (including to SJSU Park & Ride and motorcycle)	18.3%	14.3%	-4.0%
G. VTA bus / light rail/ Access	29.7%	51.9%	+22.2%
H. Regional train/ bus (including Caltrain, Hwy 17 Express, ACE, Amtrak, MST)	4.8%	6.4%	+1.6%
I. I live on/ near campus, walk/ skateboard/ manual scooter	19.9%	15.3%	-4.6%

m) The TS effectiveness in reducing drive-alone rate in 2018 was 4.0%.

Population 33,972 x 4.0% decrease in drive-alone = 1,359 cars x 2 trips/day = 2,718 trips/day

n) 20.0% of the green transportation users drove-alone to an initial transit stop or carpool pick up site (Question 11).

Calculations: 20.0% x {Total transit riders (36.8%) + Total carpoolers (7.5%)} x 33,972 = 3,006

o) The average one-way distance to initial transit stop or carpool site (Q11xQ12):

<b>Partial trips to transit or carpool stop</b>	<b>Partial trip, average one-way distance (mile)</b>
A. Walk/ skateboard/ manual scooter	0.5
B. Bicycle	1.3
C. Bus/ light rail/ train/ ferry	2.5
D. Carpool	2.7
E. Drop off	2.6
F. Uber/ Lyft	2.9
G. Drive alone	3.9
H. Electric scooter/ E-bike	0.6
I. Motorcycle	0.0

Also other important results include:

- 53.5% of the new students use alternative transportation in their commute to campus (Q2xQ5). VTA ridership among new students was at 34.6%.
- 28.0% of the commuters who “always have access to a car” and 78.8% who “sometimes have access to a car” chose to take alternative transportation to campus (Q3xQ5). VTA ridership among “always have access to a car” was 50.0%, and among “sometimes have access to car” was 51.3%.

The following tables provide the detailed results and analysis of the findings for each survey question.

**1.2 SurveyMonkey Results**

San Jose State University Commuter Survey, Fall 2018

Total student population: 33,972  
 Response status: 4,342 completes  
 Filter: No filter applied  
 Survey period: November 1 - 15, 2018

<b>1. Enter contact information for prize notification:</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12
First name	4,265	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Last name	4,255	99.7%						
Email address	4,254	99.7%	99.7%	99.7%	99.6%	99.6%	99.8%	99.9%
Answered question	4,269							
Skipped question	73							

<b>2. Is this your first semester at SJSU?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
Yes	1,476	34.0%	33.8%	34.8%	33.2%	36.2%	42.2%	40.3%	40.0%	35.4%	30.1%	31.7%
No	2,866	66.0%	66.2%	65.2%	66.8%	63.8%	57.8%	59.7%	60.0%	64.6%	69.9%	68.3%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	0											

<b>3. Do you have a car available for getting to San Jose State University (SJSU)?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Always	2,496	57.5%	60.0%	55.4%	54.4%	56.4%	56.4%	59.6%	61.7%	64.8%	67.0%	71.9%
B. Sometimes	772	17.8%	16.5%	17.8%	19.5%	18.3%	18.0%	18.7%	17.0%	16.2%	16.0%	12.9%
C. Never	1,074	24.7%	23.4%	26.7%	26.1%	25.3%	25.6%	21.7%	21.2%	18.9%	17.0%	15.2%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	0											

4. In a typical week, how many days do you come to SJSU?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. One day a week	121	2.8%	2.6%	3.3%	3.7%	4.5%	3.0%	3.4%	4.7%	4.9%	4.8%	5.3%
B. Two days a week	611	14.1%	13.8%	13.5%	13.6%	14.2%	14.1%	15.5%	15.5%	17.9%	17.4%	19.4%
C. Three days a week	560	12.9%	12.2%	12.8%	12.1%	11.5%	12.6%	12.0%	11.3%	13.4%	14.3%	14.0%
D. Four days a week	1,637	37.7%	36.8%	34.3%	38.1%	37.7%	37.9%	39.3%	37.7%	39.0%	36.9%	33.7%
E. Five days a week	1,064	24.5%	24.9%	24.4%	22.2%	20.6%	22.9%	20.0%	21.1%	18.4%	18.8%	19.4%
F. Six days a week	134	3.1%	4.1%	4.6%	4.2%	4.3%	3.6%	2.8%	3.3%	2.3%	2.6%	2.8%
G. Seven days a week	215	5.0%	5.7%	7.0%	6.2%	7.3%	5.9%	7.0%	6.5%	4.0%	5.2%	5.4%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>										
Skipped question	0											

Average frequency of travel to campus	3.96	Days/week	4.03	4.05	3.99	3.98	3.98	3.94	3.91	3.71	3.76	3.72
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5. In a typical week, which transportation mode do you mostly use to come to SJSU? (Mark only one mode you use in the longest part of your trip to campus)	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Altamont Corridor Express (ACE) train	52	1.2%	0.8%	0.8%	0.9%	1.0%	0.7%	0.5%	0.6%	0.5%	0.5%	0.4%
B. Amtrak Capitol Corridor/ Thruway Bus	14	0.3%	0.2%	0.1%	0.1%	0.3%	0.2%	0.0%	0.1%	0.1%	0.2%	0.2%
C. BART + connecting mode (e.g. VTA Express Bus 181)	129	3.0%	1.2%	1.8%	1.6%	1.7%	1.8%	1.6%	1.4%	1.2%	1.1%	1.1%
D. Bicycle	90	2.1%	3.3%	2.8%	4.3%	3.7%	3.8%	3.9%	3.5%	3.3%	2.8%	2.5%
E. Bus (VTA)	810	18.7%	18.0%	19.8%	21.2%	19.6%	20.0%	18.5%	17.1%	16.5%	16.8%	13.8%
F. Light Rail (VTA)	489	11.3%	10.7%	12.0%	14.1%	14.5%	15.9%	15.5%	16.0%	15.0%	14.7%	16.0%
G. Caltrain	59	1.4%	1.3%	1.5%	2.0%	1.5%	1.8%	2.0%	1.6%	1.5%	2.2%	2.4%
H. Carpool/ Vanpool	165	3.8%	3.5%	2.9%	3.0%	3.5%	3.6%	3.1%	3.4%	3.7%	4.1%	4.0%
I. I get dropped off	120	2.8%	3.1%	3.3%	2.7%	2.6%	3.0%	3.7%	3.7%	3.7%	3.2%	2.5%
J. Uber/ Lyft	41	0.9%										
K. Drive alone	1,518	35.0%	37.0%	32.9%	30.2%	31.2%	29.7%	32.0%	34.7%	37.7%	36.6%	38.4%
L. Drive to SJSU Park & Ride Lot and take Shuttle	193	4.4%	4.4%	3.2%	2.7%	2.0%	3.2%	2.9%	2.8%	2.3%	3.6%	3.9%
M. Highway 17 Express Bus	40	0.9%	0.6%	0.9%	0.8%	1.1%	1.3%	1.2%	1.0%	1.0%	1.1%	1.6%
N. Monterey-Salinas Transit (MST) Bus 55	3	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%
O. Motorcycle	12	0.3%	0.5%	0.5%	0.7%	0.6%	0.4%	0.5%	0.5%	0.6%	0.6%	0.7%
P. Electric Scooter/ E-Bike	19	0.4%										
Q. Access (VTA)	22	0.5%	0.7%	0.2%	0.3%	0.4%	0.4%	0.2%	0.3%	0.2%	0.2%	0.2%
R. Skateboard/ Manual scooter (live on/ near campus)	50	1.2%	1.4%	1.4%	1.4%	1.2%	1.1%	1.1%	0.6%	0.5%	0.5%	0.5%
S. Walk (live on/ near campus)	516	11.9%	13.3%	15.9%	14.0%	14.9%	13.2%	13.3%	12.6%	12.0%	11.6%	12.0%

<b>Total</b>	4,342	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	0												

<b>6. If you selected VTA Bus in Question 5, please pick the Bus route you mostly use. If not, go to the next Question.</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
11	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.8%	0.3%	0.4%	0.1%
22	112	10.8%	11.8%	13.2%	12.1%	13.2%	13.0%	12.8%	11.5%	11.1%	9.5%	10.0%
23	60	5.8%	8.2%	7.5%	7.6%	10.2%	9.1%	8.4%	10.5%	12.8%	10.4%	11.5%
63	23	2.2%	2.0%	3.1%	2.3%	2.5%	2.3%	2.4%	2.8%	2.7%	2.1%	3.7%
64	81	7.8%	8.3%	6.3%	7.7%	7.1%	8.9%	7.8%	8.0%	8.7%	6.8%	9.4%
65	24	2.3%	2.3%	2.1%	2.5%	2.2%	1.9%	1.2%	0.7%	0.9%	0.7%	0.6%
66	55	5.3%	6.4%	6.3%	7.1%	6.5%	5.4%	7.4%	5.9%	8.4%	7.9%	7.2%
68	31	3.0%	2.0%	2.4%	3.4%	1.4%	3.4%	2.8%	2.7%	3.1%	1.5%	1.5%
72	124	12.0%	12.3%	13.1%	11.3%	10.8%	9.4%	7.8%	9.7%	7.0%	7.0%	6.0%
73	90	8.7%	6.5%	6.2%	8.1%	6.6%	6.8%	6.1%	8.6%	7.8%	9.9%	8.5%
81	21	2.0%	2.4%	2.2%	3.0%	3.1%	2.4%	2.4%	3.7%	3.8%	4.8%	4.2%
82	18	1.7%	0.8%	1.2%	1.0%	1.4%	0.8%	1.8%	0.9%	1.0%	1.0%	0.6%
168	16	1.5%	1.5%	1.1%	1.7%	2.4%	2.6%	1.8%	2.4%	1.3%	3.1%	2.8%
180	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.8%	0.7%	8.2%
181	183	17.6%	16.2%	19.0%	17.1%	17.7%	19.0%	17.2%	17.3%	13.4%	13.1%	6.4%
304	2	0.2%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%	0.4%	0.1%
323	30	2.9%	3.0%	2.6%	3.8%	3.6%	1.6%	2.8%	0.0%			
522	136	13.1%	13.4%	10.0%	9.5%	8.3%	11.5%	14.2%	11.8%	14.7%	17.6%	15.6%
DASH	31	3.0%	2.9%	3.4%	1.9%	2.9%	1.7%	2.4%	2.5%	2.3%	3.2%	3.3%
<b>Total</b>	1,037	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	3,305											

<b>7. Your trip to SJSU normally starts from:</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Home/ dorm/ current residence/ friend or relative's house	4,010	92.4%	92.1%	91.4%	91.5%	91.4%	91.8%	90.5%	90.2%	88.7%	88.5%	87.0%
B. Work	260	6.0%	6.4%	6.7%	6.5%	6.6%	6.2%	7.0%	7.8%	8.9%	9.2%	11.0%
C. Other location	72	1.7%	1.4%	2.0%	2.0%	2.1%	2.0%	2.5%	2.0%	2.4%	2.3%	2.0%
<b>Total</b>	4,342	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	0											

8. Where do you go after leaving the University?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Home/ dorm/ current residence/ friend or relative's house	3,752	86.4%	83.5%	85.4%	85.9%	86.6%	87.5%	86.1%	86.8%	87.0%	87.6%	85.9%
B. Work	489	11.3%	13.8%	12.0%	10.9%	11.1%	9.4%	10.2%	10.1%	9.9%	9.1%	11.3%
C. Other location	101	2.3%	2.7%	2.7%	3.2%	2.3%	3.1%	3.7%	3.1%	3.1%	3.3%	2.9%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>										
Skipped question	0											

9. How far is your daily one-way trip to SJSU?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
less than 0.5 mile	397	9.1%	10.2%	12.7%	10.8%	12.7%	11.7%	12.1%	11.0%	9.4%	9.4%	9.5%
0.5 to 1 mile	250	5.8%	6.4%	6.9%	7.1%	6.1%	6.0%	4.6%	4.9%	5.2%	4.3%	4.5%
1 to 2 miles	281	6.5%	7.0%	7.1%	7.8%	6.9%	4.5%	4.4%	4.4%	4.3%	4.6%	4.4%
2 to 5 miles	556	12.8%	13.4%	12.4%	11.9%	11.9%	11.9%	10.9%	10.9%	10.8%	10.0%	9.8%
5 to 10 miles	982	22.6%	24.2%	21.4%	22.2%	21.6%	22.6%	21.8%	24.1%	21.7%	23.0%	22.8%
10 to 15 miles	566	13.0%	14.8%	11.5%	13.4%	14.2%	14.9%	16.7%	15.6%	17.7%	16.5%	16.8%
15 to 20 miles	257	5.9%	5.8%	6.5%	6.4%	5.7%	7.1%	6.7%	7.8%	8.3%	7.7%	8.1%
20 to 25 miles	213	4.9%	3.9%	5.1%	5.0%	4.3%	4.5%	4.5%	4.7%	4.7%	5.4%	5.4%
25 to 30 miles	218	5.0%	3.8%	3.7%	3.5%	3.8%	3.8%	4.2%	3.7%	4.0%	4.8%	4.1%
30 to 35 miles	156	3.6%	2.6%	3.1%	2.9%	3.4%	3.4%	3.4%	3.4%	3.6%	3.7%	3.8%
35 to 40 miles	114	2.6%	2.1%	2.5%	2.1%	2.1%	2.5%	3.0%	2.3%	2.4%	2.8%	3.5%
40 to 45 miles	61	1.4%	1.2%	1.4%	1.4%	1.4%	1.4%	1.7%	1.4%	1.9%	2.2%	1.6%
45 to 50 miles	70	1.6%	1.0%	1.6%	1.4%	1.5%	1.5%	1.7%	1.4%	1.8%	1.5%	1.7%
50 to 55 miles	62	1.4%	1.2%	1.4%	1.1%	1.4%	1.2%	1.5%	1.4%	1.2%	1.1%	1.4%
55 to 60 miles	60	1.4%	0.8%	0.8%	1.0%	0.9%	0.9%	1.0%	1.1%	1.1%	0.9%	0.8%
60 to 70 miles	44	1.0%	0.6%	0.7%	0.7%	0.7%	0.8%	1.0%	1.2%	0.6%	1.0%	0.9%
70 to 80 miles	27	0.6%	0.3%	0.5%	0.3%	0.6%	0.6%	0.3%	0.4%	0.6%	0.5%	0.2%
80 to 90 miles	11	0.3%	0.3%	0.3%	0.3%	0.3%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%
90 to 100 miles	5	0.1%	0.1%	0.2%	0.2%	0.6%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%
Over 100 miles	12	0.3%	0.3%	0.2%	0.4%							
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>										
Skipped question	0											
<b>Average one-way trip distance</b>	<b>14.3 Miles</b>		12.2	13.0	12.9	13.2	13.4	14.0	13.7	14.4	14.7	14.6

<b>10. How long is your daily one-way trip to campus?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
less than 5 minutes	277	6.4%	6.8%	9.7%	8.1%	10.0%	8.4%	9.5%	9.1%	7.9%	7.8%	7.3%
5 to 10 minutes	336	7.7%	9.2%	9.7%	9.6%	9.6%	9.1%	9.3%	9.3%	9.2%	9.3%	8.9%
10 to 15 minutes	501	11.5%	13.9%	13.0%	13.4%	12.7%	13.2%	12.2%	13.1%	14.6%	13.9%	14.4%
15 to 20 minutes	612	14.1%	16.4%	15.0%	15.2%	15.2%	14.7%	14.5%	15.8%	16.9%	16.2%	16.1%
20 to 30 minutes	772	17.8%	17.8%	15.1%	16.7%	15.8%	17.0%	17.2%	17.1%	15.8%	17.2%	17.0%
30 to 40 minutes	511	11.8%	12.2%	12.1%	10.8%	10.8%	11.5%	11.3%	11.7%	11.7%	11.2%	11.5%
40 to 50 minutes	389	9.0%	7.3%	7.0%	9.0%	8.0%	8.6%	8.8%	8.1%	8.5%	9.1%	8.8%
50 to 60 minutes	262	6.0%	4.9%	5.3%	4.9%	5.6%	5.5%	6.0%	5.8%	5.3%	5.8%	5.8%
1 hr. to 1 hr. 15 mins.	271	6.2%	4.0%	4.7%	4.9%	5.1%	5.4%	4.8%	4.4%	4.5%	4.0%	5.1%
1 hr. 15 mins. to 1 hr. 30 mins.	178	4.1%	3.3%	3.9%	3.0%	3.0%	2.7%	2.6%	2.5%	2.4%	2.4%	2.2%
1 hr. 30 mins. to 1 hr. 45 mins.	80	1.8%	1.4%	1.9%	1.5%	1.5%	1.2%	1.5%	1.0%	1.1%	1.1%	1.1%
1 hr. 45 mins. to 2 hrs.	79	1.8%	1.6%	1.2%	1.2%	1.1%	1.3%	0.9%	1.0%	0.8%	0.7%	0.6%
2 hrs. to 2 hr. 30 mins.	39	0.9%	0.6%	0.7%	0.9%	0.8%	0.8%	0.8%	0.6%	0.6%	0.5%	0.5%
2 hrs. 30 mins. to 3 hrs.	15	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.1%	0.3%	0.4%	0.3%
over 3 hrs.	20	0.5%	0.3%	0.4%	0.5%	0.4%	0.5%	0.3%	0.3%	0.4%	0.3%	0.4%
<b>Total</b>	4,342	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	0											
<b>Average trip time</b>	<b>34.8 Minutes</b>		30.9	31.4	31	31	31	31	29	30	30	30

<b>11. If you come to the University by carpooling, bus or train (in Question 5), how do you get to your bus stop, train station or carpool location? If not, skip to Question 13.</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Walk/ skateboard/ manual scooter	935	54.5%	56.9%	55.3%	57.7%	50.4%	52.2%	44.3%	47.2%	44.1%	43.9%	43.1%
B. Bicycle	58	3.4%	4.0%	3.5%	3.3%	5.1%	3.8%	5.4%	4.6%	4.7%	5.0%	4.7%
C. Bus/ light rail/ train/ ferry	10	0.6%	6.6%	5.9%	5.6%	5.3%	5.2%	5.6%	5.9%	5.7%	6.3%	5.3%
D. Electric scooter/ E-Bike	108	6.3%										
E. Carpool	60	3.5%	3.8%	3.4%	3.5%	5.5%	4.9%	4.9%	4.3%	5.6%	5.3%	5.9%
F. I get dropped off	178	10.4%	8.4%	9.3%	8.6%	8.6%	9.9%	10.8%	9.9%	9.5%	9.0%	6.8%
G. Uber/ Lyft	22	1.3%										
H. Drive alone	343	20.0%	20.2%	22.7%	21.2%	25.0%	23.9%	28.8%	27.9%	30.5%	30.2%	34.1%
I. Motorcycle	2	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%	0.3%	0.1%
<b>Total</b>	1,716	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	2,520											

12. How far do you travel to this bus stop, train station or carpool pick-up location (miles)?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
0 to 0.25 mile	561	31.9%	34.0%	31.7%	30.9%	30.8%	31.5%	30.0%	32.3%	33.1%	32.8%	31.0%
0.25 to 0.5 mile	323	18.4%	19.2%	17.4%	18.8%	18.0%	17.5%	15.3%	17.2%	15.2%	14.9%	14.0%
0.5 to 0.75 mile	132	7.5%	8.2%	8.8%	8.5%	9.0%	8.5%	9.6%	7.7%	7.6%	7.2%	6.5%
0.75 to 1 mile	168	9.5%	9.8%	10.3%	10.6%	9.7%	10.2%	9.5%	9.1%	8.4%	9.2%	9.1%
1 mile to 1.5 miles	126	7.2%	7.4%	7.5%	7.3%	8.1%	7.8%	9.4%	8.9%	9.5%	8.9%	8.7%
1.5 miles to 2 miles	82	4.7%	3.8%	4.9%	4.6%	4.3%	3.4%	5.0%	4.1%	5.1%	5.8%	6.2%
2 miles to 2.5 miles	62	3.5%	2.4%	2.7%	3.1%	3.2%	3.8%	3.1%	3.1%	3.7%	3.2%	4.0%
2.5 miles to 3 miles	46	2.6%	3.0%	2.8%	2.6%	3.1%	1.9%	2.9%	2.9%	2.8%	2.8%	3.9%
3 to 4 miles	52	3.0%	2.6%	3.5%	3.2%	2.9%	3.4%	2.9%	2.8%	3.7%	3.1%	2.8%
4 to 5 miles	37	2.1%	2.0%	2.7%	2.4%	2.4%	2.3%	3.1%	3.4%	2.5%	2.7%	3.0%
5 to 6 miles	37	2.1%	1.7%	1.3%	1.9%	2.2%	2.4%	2.2%	1.6%	1.8%	1.8%	2.4%
6 to 8 miles	30	1.7%	1.3%	1.2%	1.1%	1.6%	1.8%	2.0%	1.6%	1.4%	2.0%	1.7%
8 to 10 miles	46	2.6%	1.2%	2.3%	1.7%	1.5%	1.5%	2.2%	1.9%	2.1%	1.8%	2.3%
Over 10 miles	58	3.3%	3.4%	2.9%	3.3%	3.2%	4.0%	3.0%	3.5%	3.3%	3.8%	4.3%
<b>Total</b>	1,760	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	2,582											
<b>Average distance</b>	<b>1.6 Miles</b>		1.4	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.7	1.8

13. Do you know about "Spare the Air Days"?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
Yes	2,081	47.9%	52.7%	51.0%	55.2%	54.8%	52.6%	60.7%	63.1%	67.5%	66.7%	69.0%
No	2,261	52.1%	47.3%	49.0%	44.8%	45.2%	47.4%	39.3%	36.9%	32.5%	33.3%	31.0%
<b>Total</b>	4,342	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	0											

14. If yes, do you use bus, rail, bicycle or carpool to campus because of an announced "Spare the Air Day"?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
Yes	767	29.5%	32.3%	34.1%	29.0%	37.3%	35.1%	33.4%	33.3%	35.1%	35.3%	31.2%
No	1,833	70.5%	67.7%	65.9%	71.0%	62.7%	64.9%	66.6%	66.7%	64.9%	64.7%	68.8%
<b>Total</b>	2,600	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	1,742											

<b>15. How did you first learn about the Transportation Solutions (TS) or any of the TS services? TS provides SmartPass Clipper (VTA bus/ light rail pass), discounted ACE &amp; Hwy 17 Express passes, trip planning, carpool matching, Bicycle Enclosures and TS website.</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Website	469	10.8%	11.4%	11.7%	10.0%	8.7%	8.9%	8.5%	7.5%	7.3%	7.2%	8.2%
B. Student Orientation	1,811	41.7%	38.4%	40.5%	34.8%	36.1%	31.7%	31.1%	30.1%	26.9%	26.5%	23.1%
C. Campus fair or tabling event	205	4.7%	4.0%	3.2%	2.4%	2.8%	2.8%	2.7%	2.7%	2.4%	2.0%	1.7%
D. Email	446	10.3%	14.9%	16.9%	22.6%	16.1%	15.3%	14.9%	11.2%	10.1%	9.4%	8.1%
E. Friend/ classmate/ colleague	777	17.9%	18.6%	16.6%	14.1%	14.6%	15.7%	15.6%	14.1%	14.7%	16.7%	14.9%
F. Social Media (Facebook, Twitter, Instagram)	27	0.6%	0.7%	0.5%	8.4%	14.8%	17.4%	19.4%	24.6%	30.1%	29.8%	32.1%
G. Poster/ banner/ brochure/ TS map	96	2.2%	2.2%	2.2%	1.6%	1.1%	1.2%	1.3%	1.7%	1.3%	1.2%	1.4%
H. Spartan Daily Ad/ Article	12	0.3%	0.5%	0.4%	0.4%	0.2%	0.3%	0.4%	0.5%	0.4%	0.4%	0.7%
I. I did not know about TS services	499	11.5%	9.2%	7.9%	5.7%	5.7%	6.6%	6.1%	7.6%	6.9%	6.9%	9.9%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>										
Skipped question	0											

<b>16. Have you ever used any of the Transportation Solutions (TS) services?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
Yes	2,393	55.1%	60.3%	66.0%	69.9%	71.7%	69.3%	67.5%	65.4%	67.4%	65.5%	62.5%
No	1,949	44.9%	39.7%	34.0%	30.1%	28.3%	30.7%	32.5%	34.6%	32.6%	34.5%	37.5%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>										
Skipped question	0											

17. If yes to Question 16, how did you get to the University before using TS services or AS Eco Pass? If not, skip to Question 20.	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Bicycle	82	3.4%	4.7%	3.5%	4.9%	4.5%	4.5%	4.4%	4.7%	3.0%	3.1%	2.8%
B. Electric scooter/ E-Bike	25	1.0%										
C. Carpool	84	3.5%	4.6%	3.0%	4.0%	3.7%	4.0%	3.7%	3.2%	3.9%	4.2%	3.3%
D. I got dropped off	382	15.9%	14.7%	15.3%	13.7%	13.4%	13.5%	14.0%	14.6%	12.3%	11.2%	9.2%
E. Uber/ Lyft	81	3.4%										
F. I drove alone (including to SJSU Park & Ride and motorcycle)	440	18.3%	22.1%	20.3%	21.7%	23.4%	24.9%	27.4%	29.2%	25.7%	27.7%	32.0%
G. I was taking VTA bus/ light rail/ Access	713	29.7%	28.8%	30.8%	30.2%	29.6%	29.1%	27.6%	27.0%	14.2%	13.9%	14.0%
H. Regional train/ bus (including Caltrain, Hwy 17 Exp, ACE, Amtrak, MST)	114	4.8%	3.9%	3.5%	4.4%	3.5%	4.6%	2.9%	3.1%	2.4%	2.6%	2.8%
I. I lived on/ near campus so I walked/ skateboard/ manual scooter	478	19.9%	21.2%	23.6%	21.1%	21.8%	19.4%	20.0%	18.2%	17.2%	17.2%	16.3%
J. This was a new commute for me										21.1%	20.0%	19.8%
<b>Total</b>	2,399	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Skipped question	1,943											

18. If yes to Question 16, how do/did you commute to the University after using TS services or AS Eco Pass?	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Bicycle	86	3.6%	4.2%	3.3%	4.6%	3.9%	4.3%	4.6%	4.8%	3.8%	3.6%	3.3%
B. Electric scooter/ E-Bike	24	1.0%										
C. Carpool	58	2.4%	3.0%	2.3%	3.5%	2.8%	2.4%	2.3%	2.7%	2.5%	3.0%	2.7%
D. I got dropped off	97	4.0%	3.9%	4.1%	3.7%	3.0%	3.3%	3.9%	3.9%	4.3%	3.8%	3.3%
E. Uber/ Lyft	26	1.1%										
F. I drove alone (including to SJSU Park & Ride and motorcycle)	343	14.3%	17.8%	14.2%	14.1%	14.5%	15.4%	16.0%	18.5%	19.2%	18.1%	18.8%
G. I was taking VTA bus/ light rail/ Access	1,245	51.9%	51.6%	52.3%	53.1%	53.1%	54.2%	52.0%	51.8%	51.8%	52.7%	53.2%
H. Regional train/ bus (including Caltrain, Hwy 17 Exp, ACE, Amtrak, MST)	154	6.4%	4.2%	4.8%	4.7%	5.2%	5.3%	3.6%	3.6%	3.5%	3.9%	4.4%
I. I lived on/ near campus so I walked/ skateboard/ manual scooter	368	15.3%	15.3%	19.0%	16.4%	17.6%	15.1%	17.6%	14.8%	15.0%	14.8%	14.2%
<b>Total</b>	2,401	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Skipped question	1,941
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<b>19. If you take bus, light rail, train, or carpool to campus, select the THE MOST IMPORTANT reason for doing so. If not, skip to Question 20.</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11
A. Have no other way	519	23.3%	21.9%	21.6%	21.7%	19.7%	22.0%	16.9%	21.0%
B. Ability to use SmartPass Clipper	451	20.3%	20.9%	24.0%	25.5%	23.9%	23.6%	23.0%	17.5%
C. Ability to buy discounted transit passes at TS	52	2.3%	1.1%	1.4%	0.8%	1.1%	0.6%	0.5%	
D. Because of "Spare the Air" Announcements	13	0.6%	1.1%	0.7%	0.6%	0.5%	0.3%	0.6%	0.4%
E. Allows someone else to use the car	46	2.1%	1.8%	1.8%	2.1%	2.1%	2.4%	2.3%	2.5%
F. Avoid traffic and parking hassles	534	24.0%	25.0%	21.1%	18.6%	18.9%	17.9%	16.9%	16.5%
G. Avoid paying for parking	261	11.7%	11.7%	12.5%	11.9%	14.1%	13.6%	14.1%	17.2%
H. Avoid paying for gas	88	4.0%	4.3%	3.7%	5.7%	8.0%	9.2%	13.3%	10.6%
I. Good for the environment	59	2.7%	3.5%	4.1%	4.1%	3.9%	3.8%	4.6%	5.0%
J. Saves time	51	2.3%	2.8%	3.1%	3.2%	2.3%	1.2%	2.6%	2.4%
K. I can read or study	44	2.0%	2.0%	2.5%	2.0%	1.9%	1.9%	1.7%	2.0%
L. I don't like to drive	73	3.3%	2.4%	2.4%	2.1%	2.5%	2.0%		
M. I like taking transit or carpooling with others	34	1.5%	1.4%	1.3%	1.5%	1.2%	1.3%		
Other, please specify								3.5%	5.0%
<b>Total</b>	<b>2,225</b>	<b>100.0%</b>							
Skipped question	2,117								

<b>20. What is your employment status?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Employed full-time	439	10.1%	11.4%	11.0%	10.0%	11.1%	9.5%	10.3%	12.4%	13.2%	14.0%	18.8%
B. Employed part-time	2,234	51.5%	51.2%	49.6%	47.4%	46.6%	43.4%	45.8%	43.7%	43.6%	42.9%	45.1%
C. Not employed	1,669	38.4%	37.3%	39.5%	42.5%	42.3%	47.0%	43.9%	44.0%	43.2%	43.2%	36.2%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>										
Skipped question	0											

<b>21. If you're employed, where do you work?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. On campus	501	18.8%	16.7%	19.0%	17.4%	18.0%	17.1%	16.5%	16.6%	15.0%	13.7%	11.8%
B. Within walking distance of campus (e.g. Downtown San Jose)	159	6.0%	5.5%	5.2%	5.2%	5.1%	5.3%	4.9%	4.2%	4.6%	4.3%	5.1%
C. Off campus (e.g. outside of Downtown San Jose)	1,998	75.2%	77.8%	75.8%	77.4%	76.9%	77.6%	78.6%	79.1%	80.4%	82.0%	83.1%
<b>Total</b>	<b>2,658</b>	<b>100.0%</b>										
Skipped question	1,684											

<b>22. What is your class level:</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08
A. Freshman (1 - 29.5 units)	507	11.7%	10.7%	12.1%	12.3%	13.3%	15.9%	14.7%	16.8%	12.7%	11.6%	12.5%
B. Sophomore (30 - 59.5 units)	506	11.7%	8.4%	10.4%	9.9%	9.8%	8.7%	9.5%	8.2%	7.4%	8.6%	6.9%
C. Junior (60 - 89.5 units)	1,114	25.7%	29.0%	27.2%	26.6%	25.4%	27.3%	29.1%	27.8%	25.6%	27.1%	26.7%
D. Senior (90+ units)	1,267	29.2%	31.4%	28.2%	27.5%	26.3%	24.2%	25.2%	24.8%	27.6%	26.1%	26.1%
E. Second Baccalaureate	14	0.3%	0.1%	0.2%	0.2%	0.2%	0.3%	0.3%	0.6%	0.7%	0.9%	2.0%
F. Credential	41	0.9%	1.2%	1.4%	1.5%	1.2%	1.4%	1.8%	2.4%	2.6%	2.8%	2.9%
G. Master's or higher	859	19.8%	18.0%	19.3%	20.5%	21.7%	21.0%	18.2%	18.0%	21.8%	21.2%	21.8%
H. Open University, Continuing Education, Extended Studies, International Gateway	29	0.7%	1.0%	1.5%	1.4%	1.7%	1.0%	1.1%	1.2%	1.4%	1.5%	1.1%
I. Non student - employee	5	0.1%	0.4%	0.2%	0.1%	0.3%	0.0%	0.1%	0.2%	0.1%	0.1%	0.1%
<b>Total</b>	<b>4,342</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.4%</b>	<b>100.0%</b>							
Skipped question	0											

<b>23. If you don't take transit (bus, Light Rail, train), what is THE PRIMARY reason?</b>	Count	Fall 18	Fall 17	Fall 16	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11
A. Service is slow / it takes too long	932	35.7%	39.6%	37.5%	40.8%	38.7%	39.9%	32.5%	30.3%
B. Require transfers	95	3.6%	3.9%	3.4%	3.5%	3.6%	2.1%	4.2%	3.8%
C. There is no service near me or no service at the times I commute to/ from campus	301	11.5%	9.1%	11.4%	11.8%	12.1%	12.0%	15.4%	15.8%
D. Concerns about personal safety	388	14.8%	13.3%	14.2%	10.9%	11.1%	13.3%	10.4%	12.1%
E. Concerns about cleanliness, or general comfort	110	4.2%	5.1%	4.3%	5.1%	4.8%	3.4%	2.9%	3.1%
F. Service is not reliable (transit not running on time)	128	4.9%	4.8%	4.9%	4.9%	5.6%	5.1%	3.8%	3.4%
G. Transit is too expensive	76	2.9%	2.2%	2.4%	2.5%	1.7%	2.2%	1.7%	1.3%
H. Transit is not an option for me / I have complicated commute	379	14.5%	14.7%	14.9%	14.1%	15.6%	15.3%	5.2%	5.9%
I. I don't know about the transit options or how to use public transportation	204	7.8%	7.3%	6.9%	6.4%	6.8%	6.5%		
Other, please specify								24.0%	24.2%
<b>Total</b>	<b>2,613</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.1%</b>	<b>100.0%</b>
Skipped question	1,729								

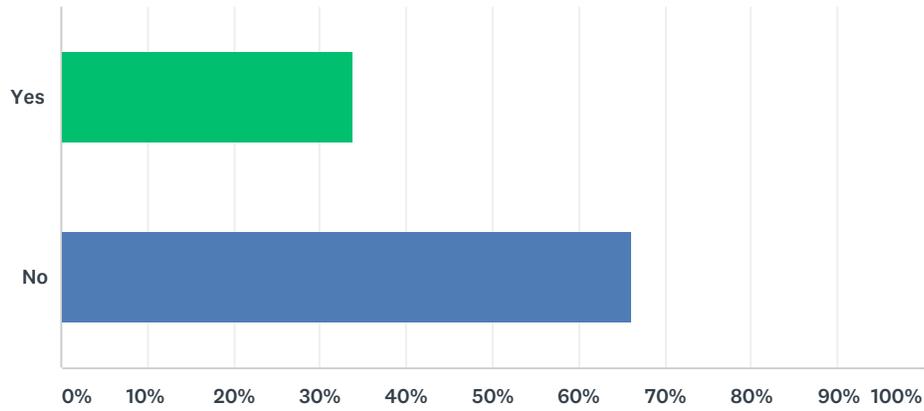
## Q1 Enter contact information for prize notification:

Answered: 4,269 Skipped: 73

ANSWER CHOICES	RESPONSES	
First name	99.91%	4,265
Last name	99.67%	4,255
Email address	99.65%	4,254

## Q2 Is this your first semester at San Jose State University (SJSU)?

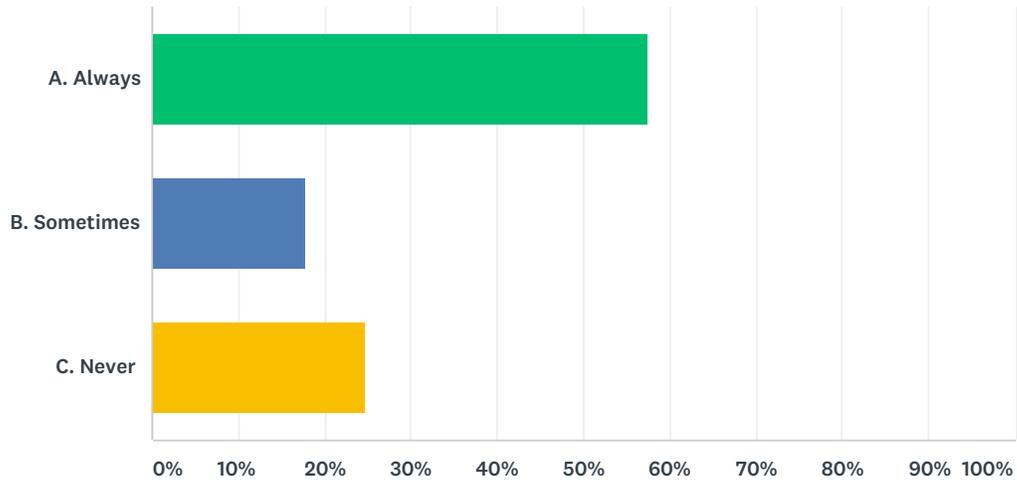
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	33.99%	1,476
No	66.01%	2,866
TOTAL		4,342

### Q3 Do you have a car available for getting to SJSU?

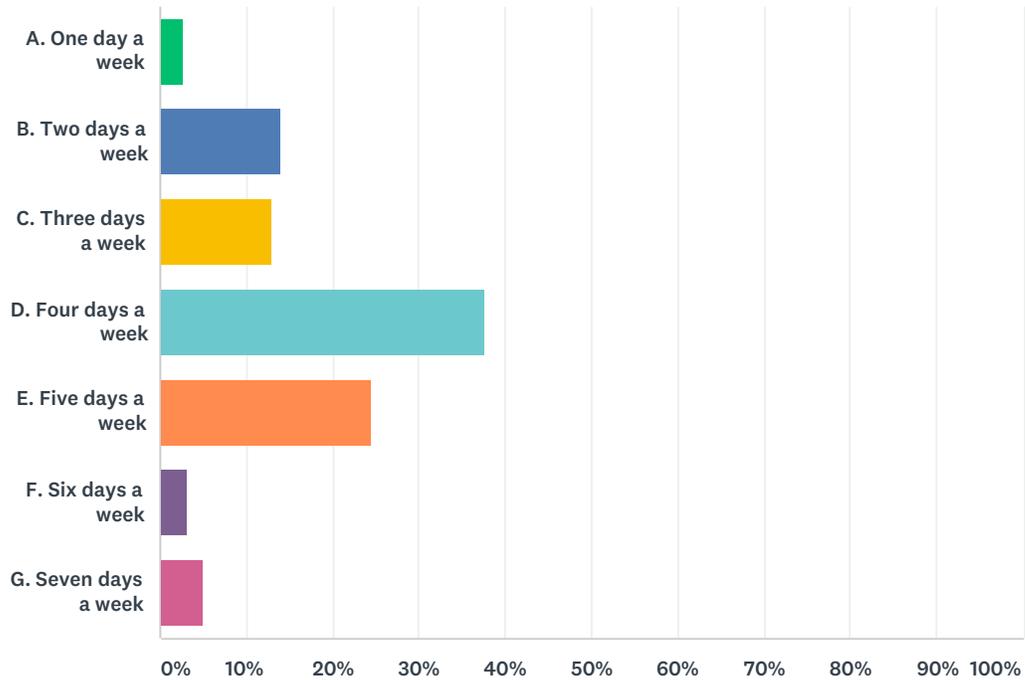
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
A. Always	57.49%	2,496
B. Sometimes	17.78%	772
C. Never	24.74%	1,074
TOTAL		4,342

## Q4 In a typical week, how many days do you come to SJSU?

Answered: 4,342 Skipped: 0

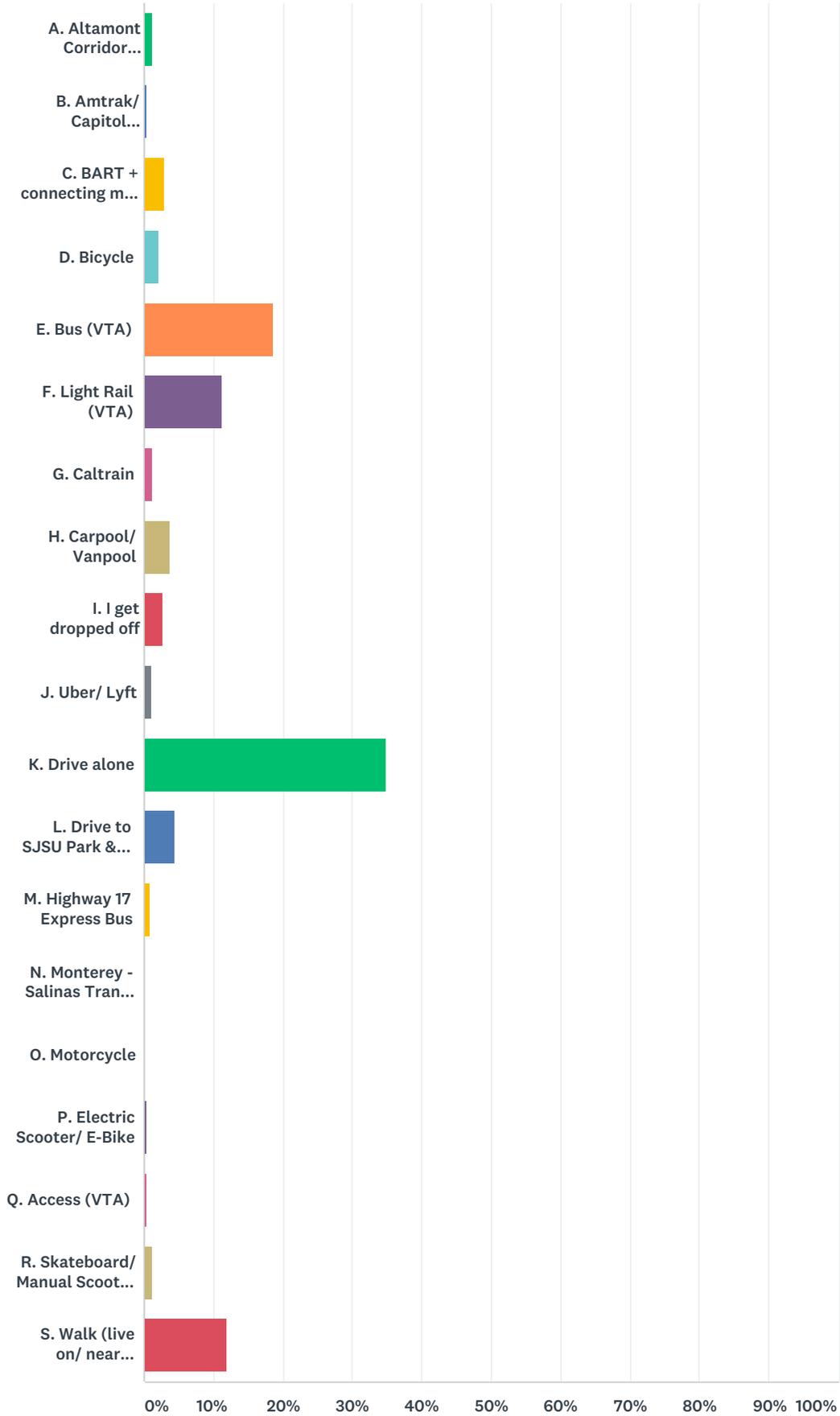


ANSWER CHOICES	RESPONSES	
A. One day a week	2.79%	121
B. Two days a week	14.07%	611
C. Three days a week	12.90%	560
D. Four days a week	37.70%	1,637
E. Five days a week	24.50%	1,064
F. Six days a week	3.09%	134
G. Seven days a week	4.95%	215
<b>TOTAL</b>		<b>4,342</b>

**Q5 In a typical week, which transportation mode do you mostly use to come to SJSU? (Mark only one mode you use in the longest part of your trip to campus)**

Answered: 4,342 Skipped: 0

# SJSU Commute Survey, Fall 2018



ANSWER CHOICES

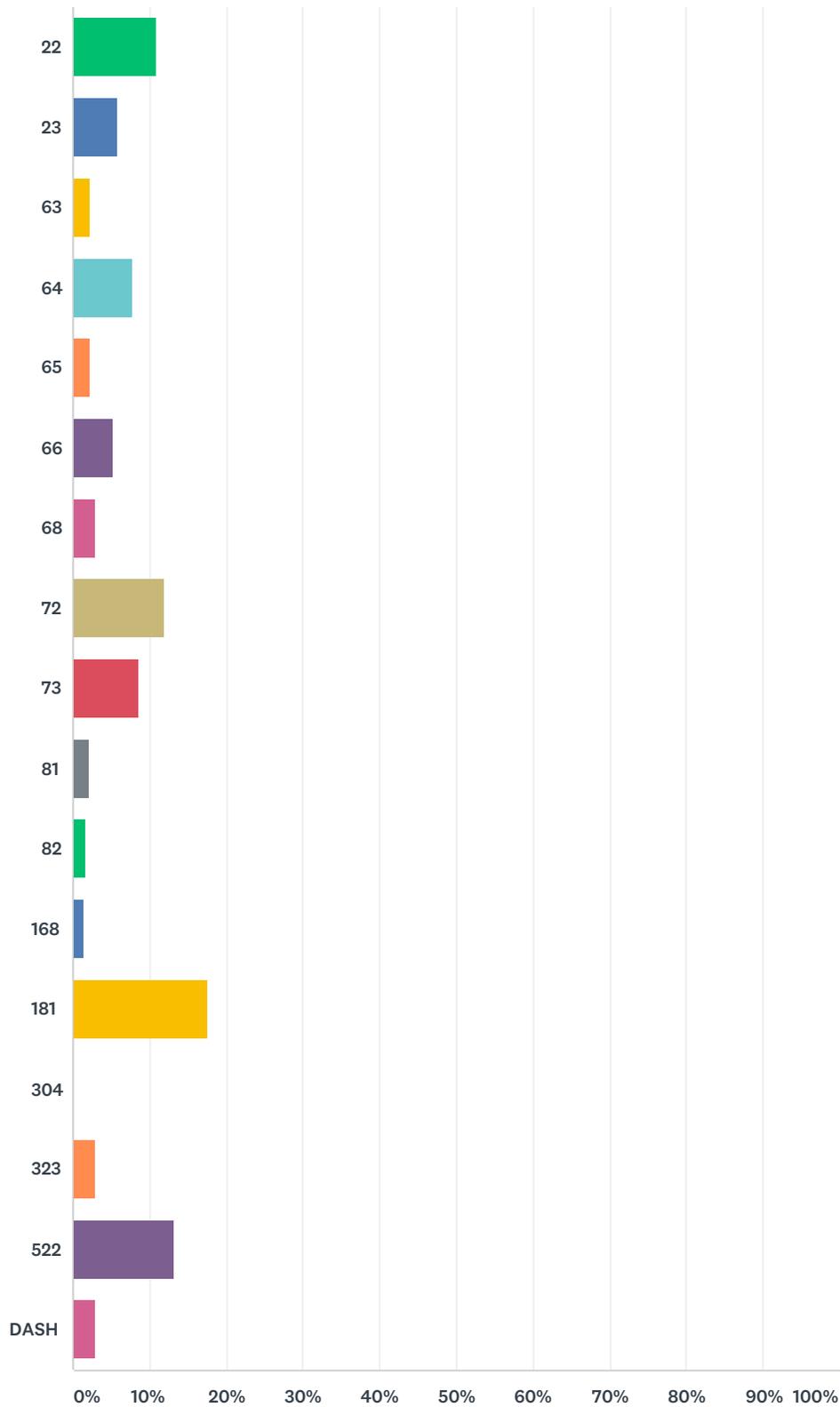
RESPONSES

SJSU Commute Survey, Fall 2018

A. Altamont Corridor Express (ACE) train	1.20%	52
B. Amtrak/ Capitol Corridor/ Thruway Bus	0.32%	14
C. BART + connecting mode (e.g. VTA Bus 181)	2.97%	129
D. Bicycle	2.07%	90
E. Bus (VTA)	18.65%	810
F. Light Rail (VTA)	11.26%	489
G. Caltrain	1.36%	59
H. Carpool/ Vanpool	3.80%	165
I. I get dropped off	2.76%	120
J. Uber/ Lyft	0.94%	41
K. Drive alone	34.96%	1,518
L. Drive to SJSU Park & Ride Lot and take Shuttle	4.44%	193
M. Highway 17 Express Bus	0.92%	40
N. Monterey - Salinas Transit (MST) Bus 55	0.07%	3
O. Motorcycle	0.28%	12
P. Electric Scooter/ E-Bike	0.44%	19
Q. Access (VTA)	0.51%	22
R. Skateboard/ Manual Scooter (live on/ near campus)	1.15%	50
S. Walk (live on/ near campus)	11.88%	516
<b>TOTAL</b>		<b>4,342</b>

Q6 If you selected VTA Bus in Question 5, please pick the Bus route you mostly use. If not, go to the next Question.

Answered: 1,037 Skipped: 3,305

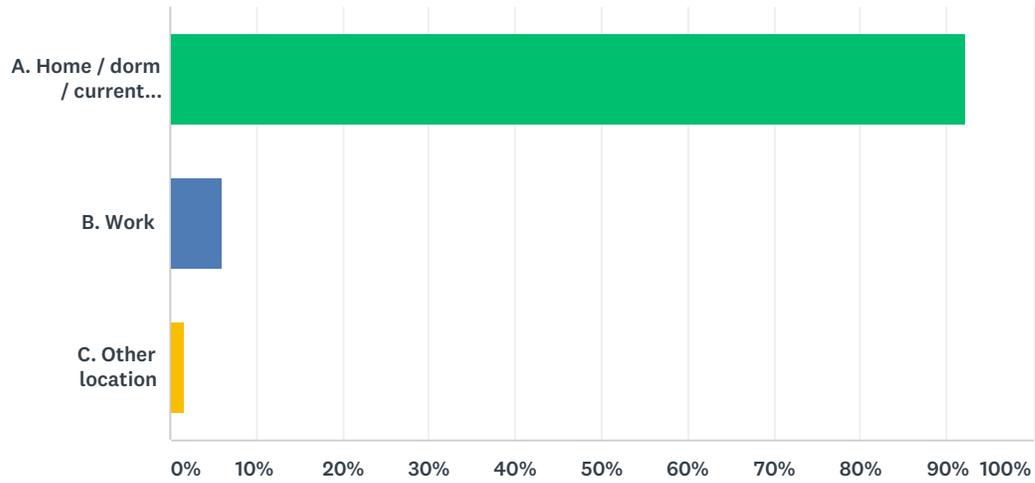


SJSU Commute Survey, Fall 2018

ANSWER CHOICES	RESPONSES	
22	10.80%	112
23	5.79%	60
63	2.22%	23
64	7.81%	81
65	2.31%	24
66	5.30%	55
68	2.99%	31
72	11.96%	124
73	8.68%	90
81	2.03%	21
82	1.74%	18
168	1.54%	16
181	17.65%	183
304	0.19%	2
323	2.89%	30
522	13.11%	136
DASH	2.99%	31
TOTAL		1,037

## Q7 Your trip to SJSU normally starts from:

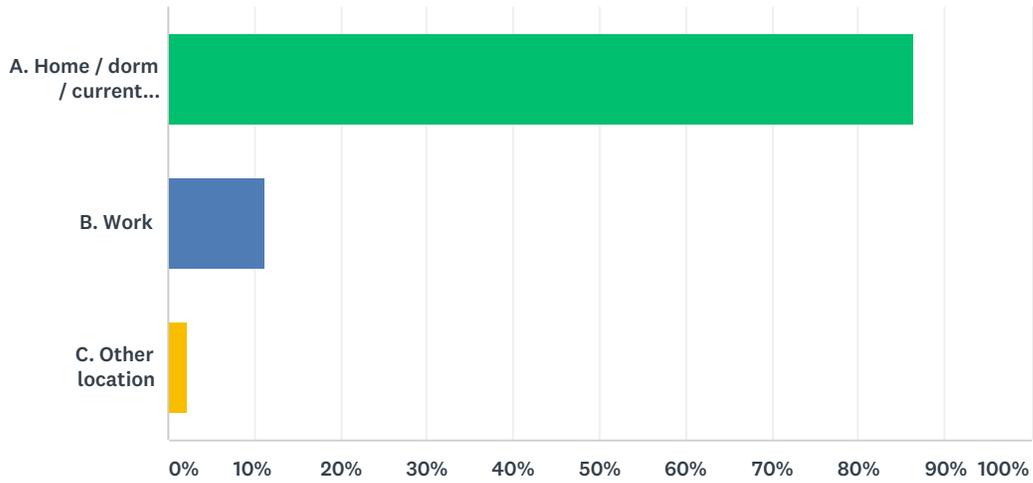
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
A. Home / dorm / current residence / friend or relative's house	92.35%	4,010
B. Work	5.99%	260
C. Other location	1.66%	72
<b>TOTAL</b>		<b>4,342</b>

## Q8 Where do you go after leaving the University?

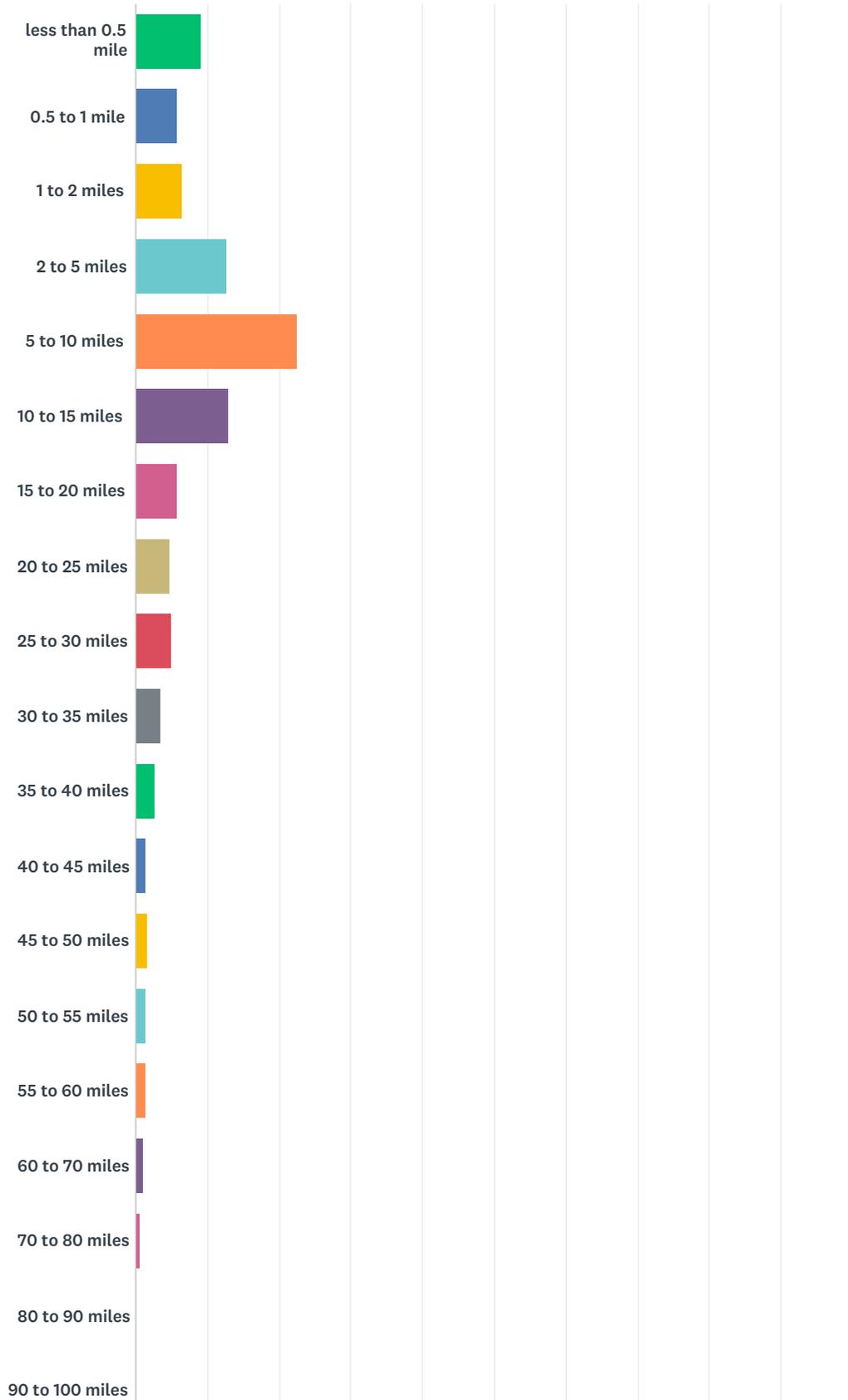
Answered: 4,342 Skipped: 0



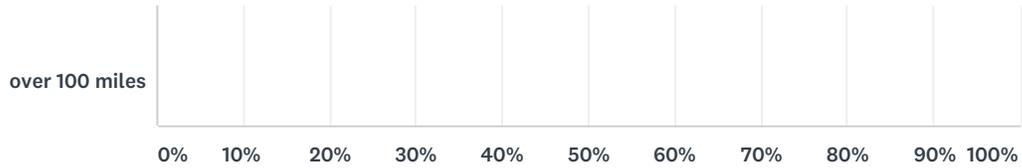
ANSWER CHOICES	RESPONSES	
A. Home / dorm / current residence / friend or relative's house	86.41%	3,752
B. Work	11.26%	489
C. Other location	2.33%	101
<b>TOTAL</b>		<b>4,342</b>

### Q9 How far is your daily one-way trip to SJSU?

Answered: 4,342 Skipped: 0



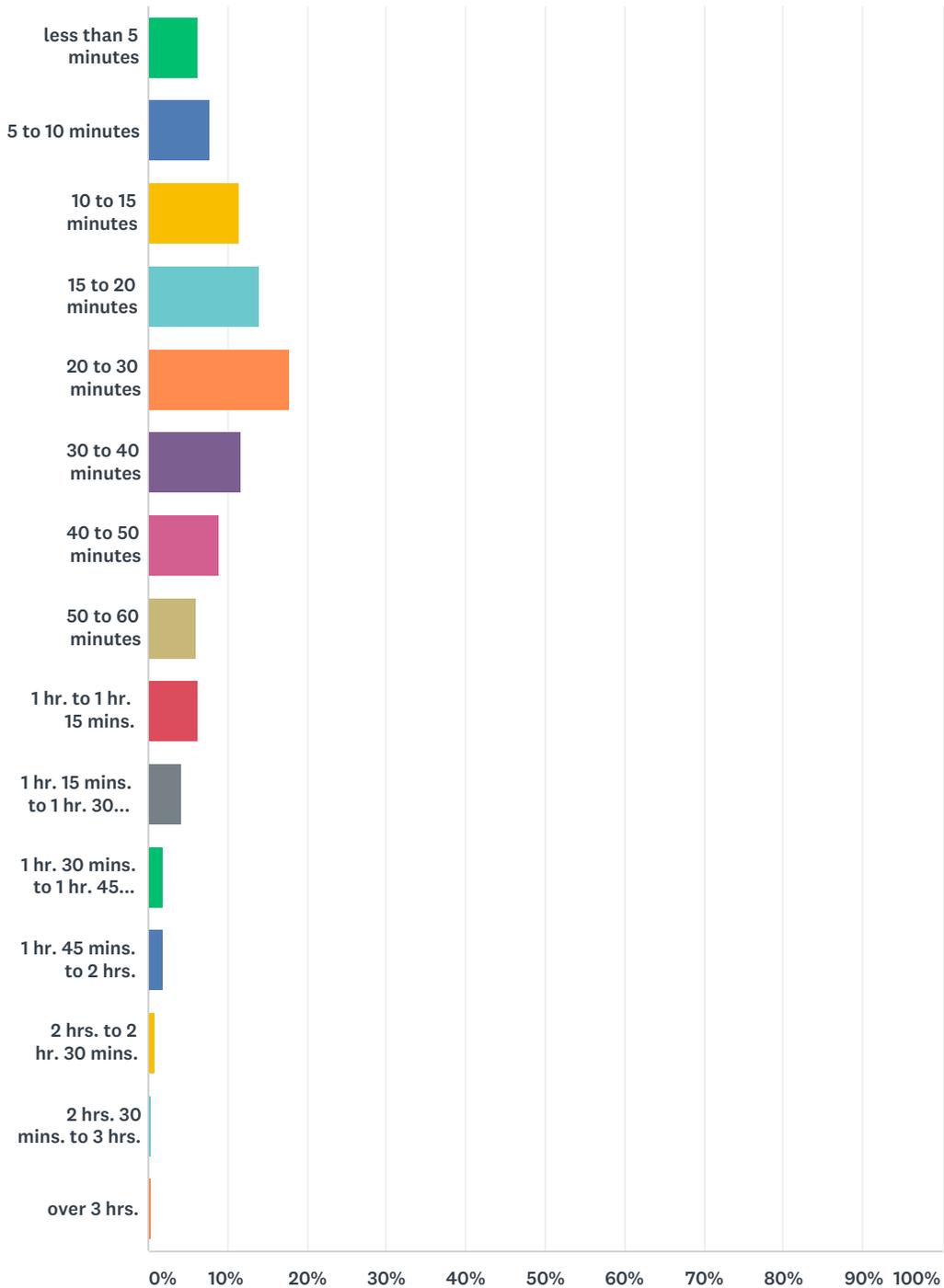
## SJSU Commute Survey, Fall 2018



ANSWER CHOICES	RESPONSES	
less than 0.5 mile	9.14%	397
0.5 to 1 mile	5.76%	250
1 to 2 miles	6.47%	281
2 to 5 miles	12.81%	556
5 to 10 miles	22.62%	982
10 to 15 miles	13.04%	566
15 to 20 miles	5.92%	257
20 to 25 miles	4.91%	213
25 to 30 miles	5.02%	218
30 to 35 miles	3.59%	156
35 to 40 miles	2.63%	114
40 to 45 miles	1.40%	61
45 to 50 miles	1.61%	70
50 to 55 miles	1.43%	62
55 to 60 miles	1.38%	60
60 to 70 miles	1.01%	44
70 to 80 miles	0.62%	27
80 to 90 miles	0.25%	11
90 to 100 miles	0.12%	5
over 100 miles	0.28%	12
<b>TOTAL</b>		<b>4,342</b>

## Q10 How long is your daily one-way trip to campus?

Answered: 4,342 Skipped: 0



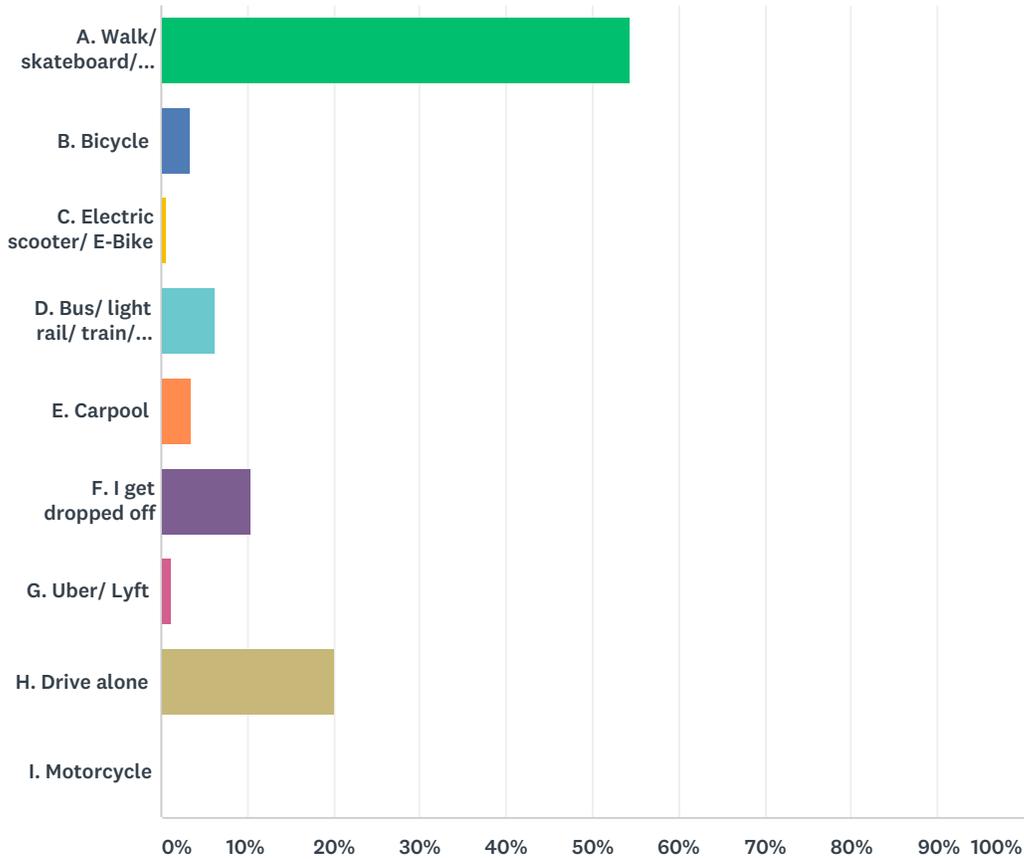
ANSWER CHOICES	RESPONSES	
less than 5 minutes	6.38%	277
5 to 10 minutes	7.74%	336
10 to 15 minutes	11.54%	501

## SJSU Commute Survey, Fall 2018

15 to 20 minutes	14.09%	612
20 to 30 minutes	17.78%	772
30 to 40 minutes	11.77%	511
40 to 50 minutes	8.96%	389
50 to 60 minutes	6.03%	262
1 hr. to 1 hr. 15 mins.	6.24%	271
1 hr. 15 mins. to 1 hr. 30 mins.	4.10%	178
1 hr. 30 mins. to 1 hr. 45 mins.	1.84%	80
1 hr. 45 mins. to 2 hrs.	1.82%	79
2 hrs. to 2 hr. 30 mins.	0.90%	39
2 hrs. 30 mins. to 3 hrs.	0.35%	15
over 3 hrs.	0.46%	20
<b>TOTAL</b>		<b>4,342</b>

**Q11 If you come to the University by bus or train or carpooling (in Question 5), how do you get to your bus stop, train station or carpool location? If not, skip to Question 13.**

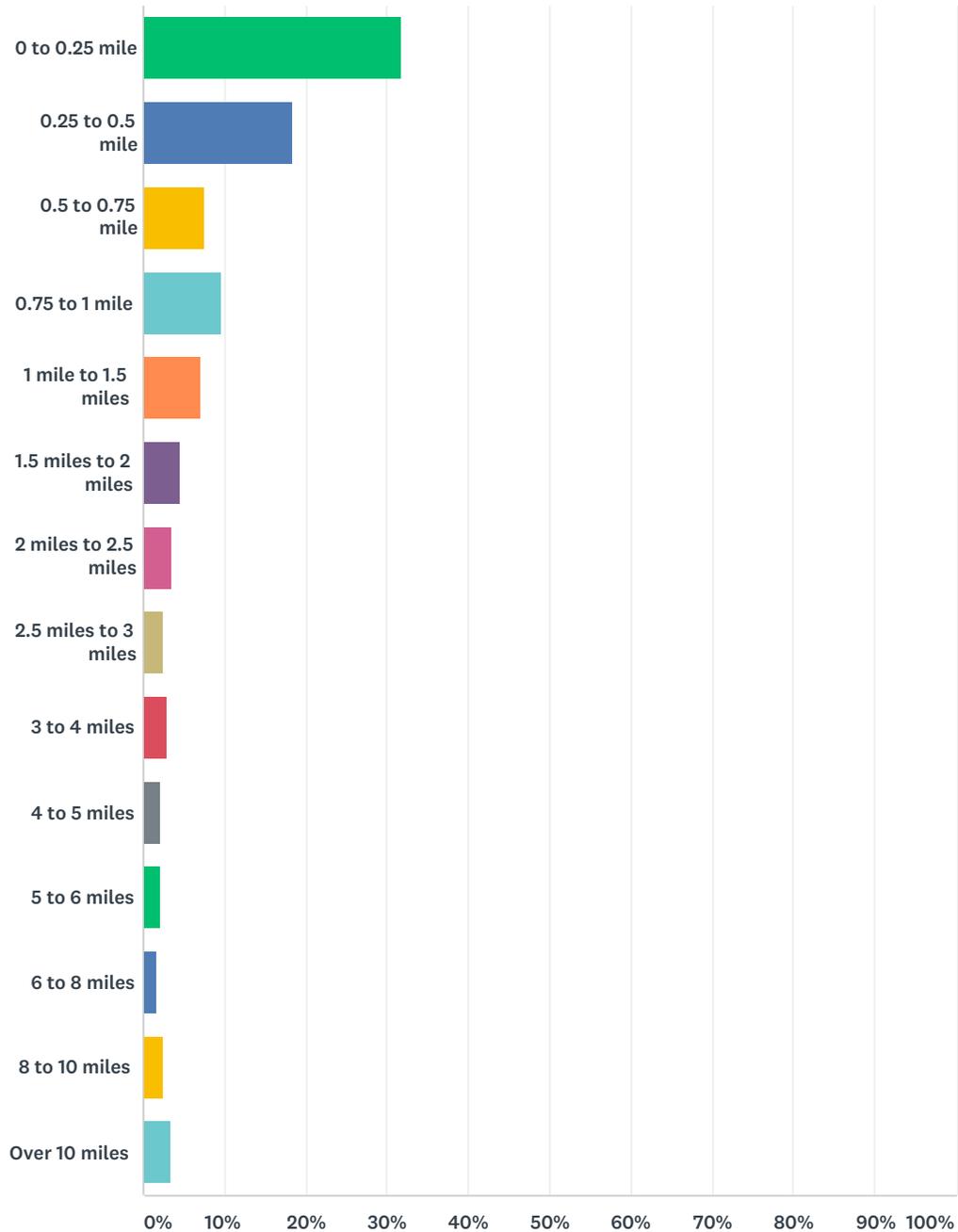
Answered: 1,716 Skipped: 2,626



ANSWER CHOICES	RESPONSES	
A. Walk/ skateboard/ manual scooter	54.49%	935
B. Bicycle	3.38%	58
C. Electric scooter/ E-Bike	0.58%	10
D. Bus/ light rail/ train/ ferry	6.29%	108
E. Carpool	3.50%	60
F. I get dropped off	10.37%	178
G. Uber/ Lyft	1.28%	22
H. Drive alone	19.99%	343
I. Motorcycle	0.12%	2
<b>TOTAL</b>		<b>1,716</b>

## Q12 How far do you travel to this bus stop, train station or carpool pick-up location (miles)?

Answered: 1,760 Skipped: 2,582



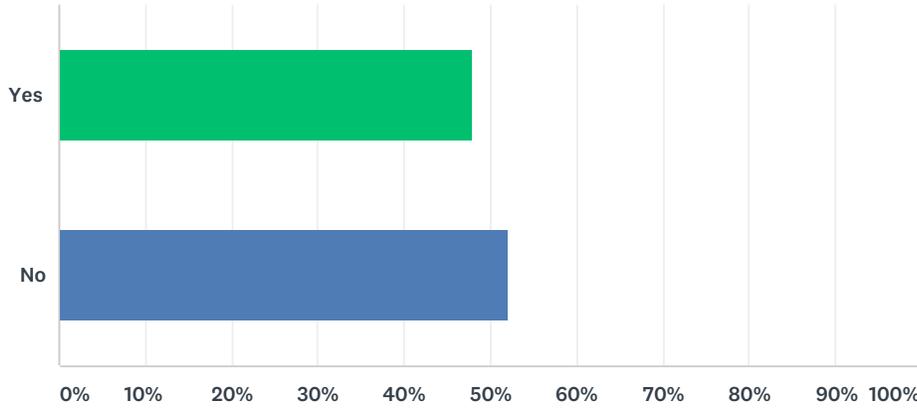
ANSWER CHOICES	RESPONSES	
0 to 0.25 mile	31.87%	561
0.25 to 0.5 mile	18.35%	323
0.5 to 0.75 mile	7.50%	132
0.75 to 1 mile	9.55%	168

## SJSU Commute Survey, Fall 2018

1 mile to 1.5 miles	7.16%	126
1.5 miles to 2 miles	4.66%	82
2 miles to 2.5 miles	3.52%	62
2.5 miles to 3 miles	2.61%	46
3 to 4 miles	2.95%	52
4 to 5 miles	2.10%	37
5 to 6 miles	2.10%	37
6 to 8 miles	1.70%	30
8 to 10 miles	2.61%	46
Over 10 miles	3.30%	58
<b>TOTAL</b>		<b>1,760</b>

### Q13 Do you know about “Spare the Air Days”?

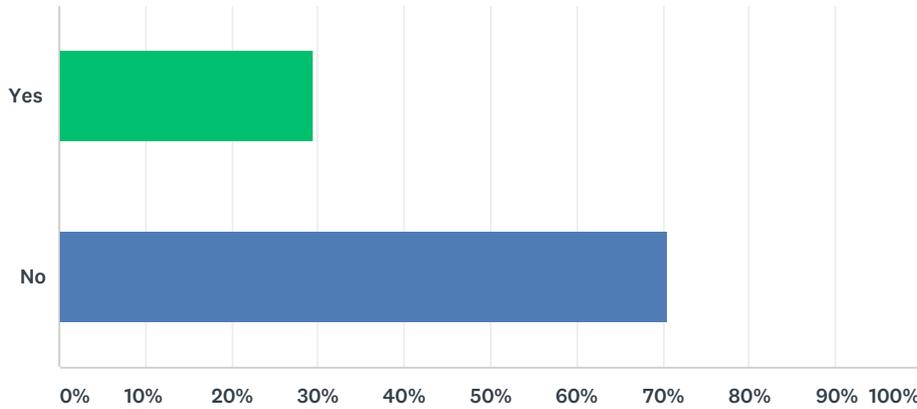
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	47.93%	2,081
No	52.07%	2,261
TOTAL		4,342

### Q14 If yes, do you use bus, rail, bicycle or carpool to campus because of an announced “Spare the Air Day”?

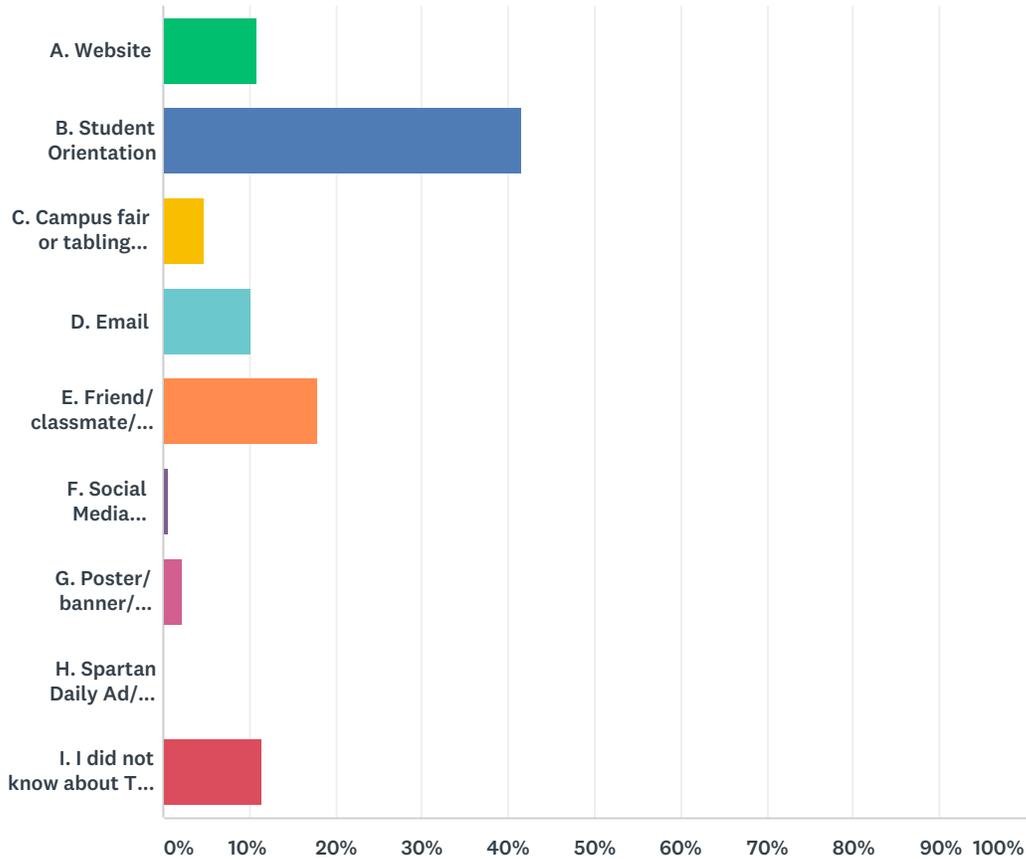
Answered: 2,600 Skipped: 1,742



ANSWER CHOICES	RESPONSES	
Yes	29.50%	767
No	70.50%	1,833
TOTAL		2,600

**Q15 How did you first learn about the Transportation Solutions (TS) or any of the TS services? TS provides SmartPass Clipper (VTA bus/ light rail pass), discounted ACE & Hwy 17 Express passes, trip planning, carpool matching, Bicycle Enclosures and TS website.**

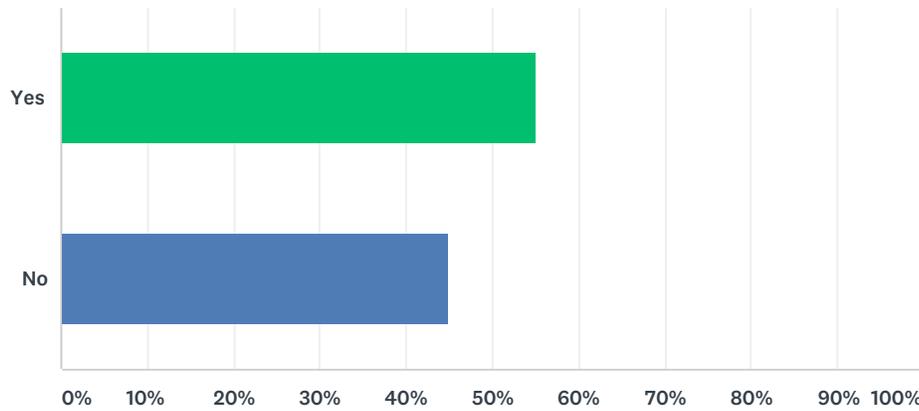
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES
A. Website	10.80% 469
B. Student Orientation	41.71% 1,811
C. Campus fair or tabling event	4.72% 205
D. Email	10.27% 446
E. Friend/ classmate/ colleague	17.89% 777
F. Social Media (Facebook, Twitter, Instagram)	0.62% 27
G. Poster/ banner/ brochure/ TS map	2.21% 96
H. Spartan Daily Ad/ article	0.28% 12
I. I did not know about TS services	11.49% 499
<b>TOTAL</b>	<b>4,342</b>

## Q16 Have you ever used any of the Transportation Solutions (TS) services?

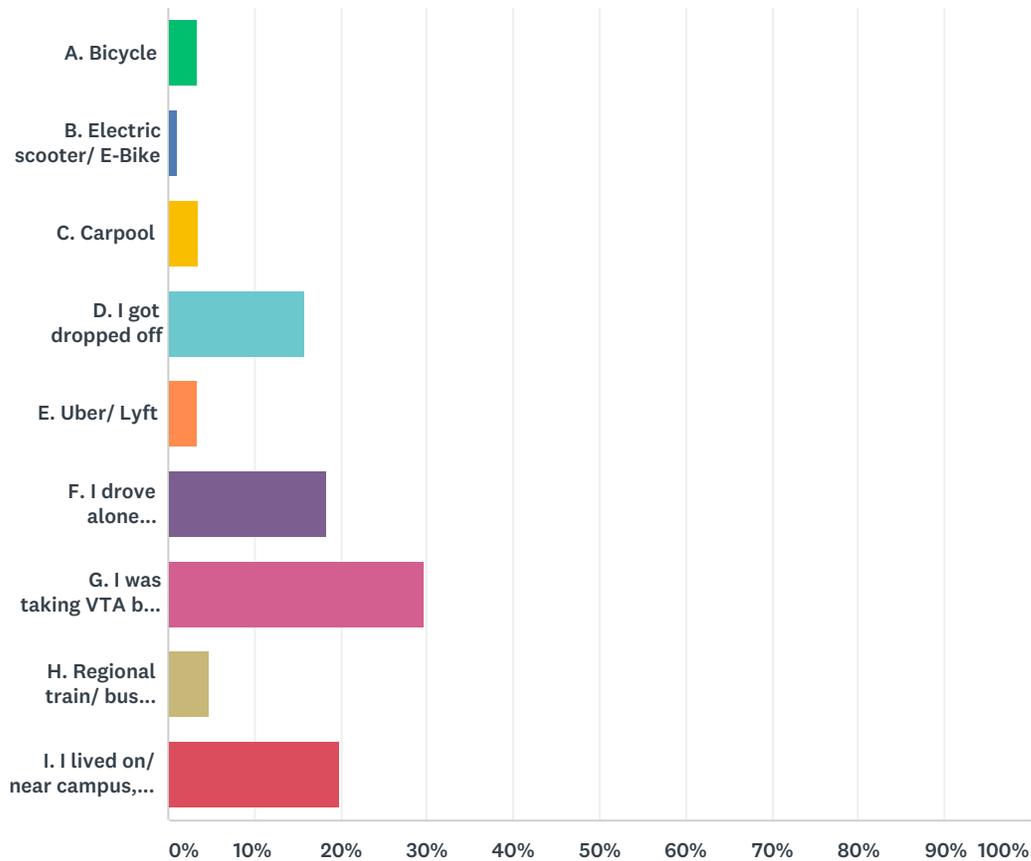
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	55.11%	2,393
No	44.89%	1,949
TOTAL		4,342

## Q17 If yes to Question 16, how did you get to the University before using TS services? If not, skip to Question 19.

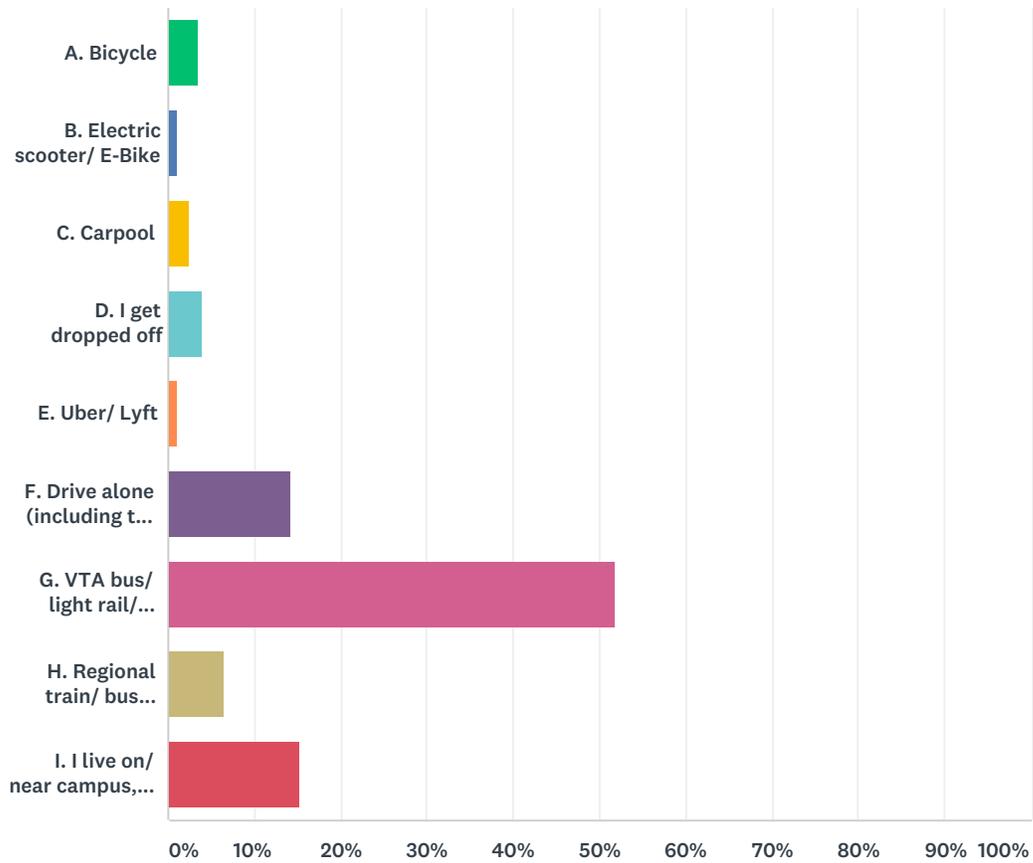
Answered: 2,399 Skipped: 1,943



ANSWER CHOICES	RESPONSES
A. Bicycle	3.42% 82
B. Electric scooter/ E-Bike	1.04% 25
C. Carpool	3.50% 84
D. I got dropped off	15.92% 382
E. Uber/ Lyft	3.38% 81
F. I drove alone (including to SJSU Park & Ride and motorcycle)	18.34% 440
G. I was taking VTA bus/ light rail/ Access	29.72% 713
H. Regional train/ bus (including Caltrain, BART, Hwy 17 Express, ACE, Amtrak, MST)	4.75% 114
I. I lived on/ near campus, so I walked/ skateboard/ manual scooter	19.92% 478
<b>TOTAL</b>	<b>2,399</b>

## Q18 If yes to Question 16, how do/ did you commute to the University after using TS services?

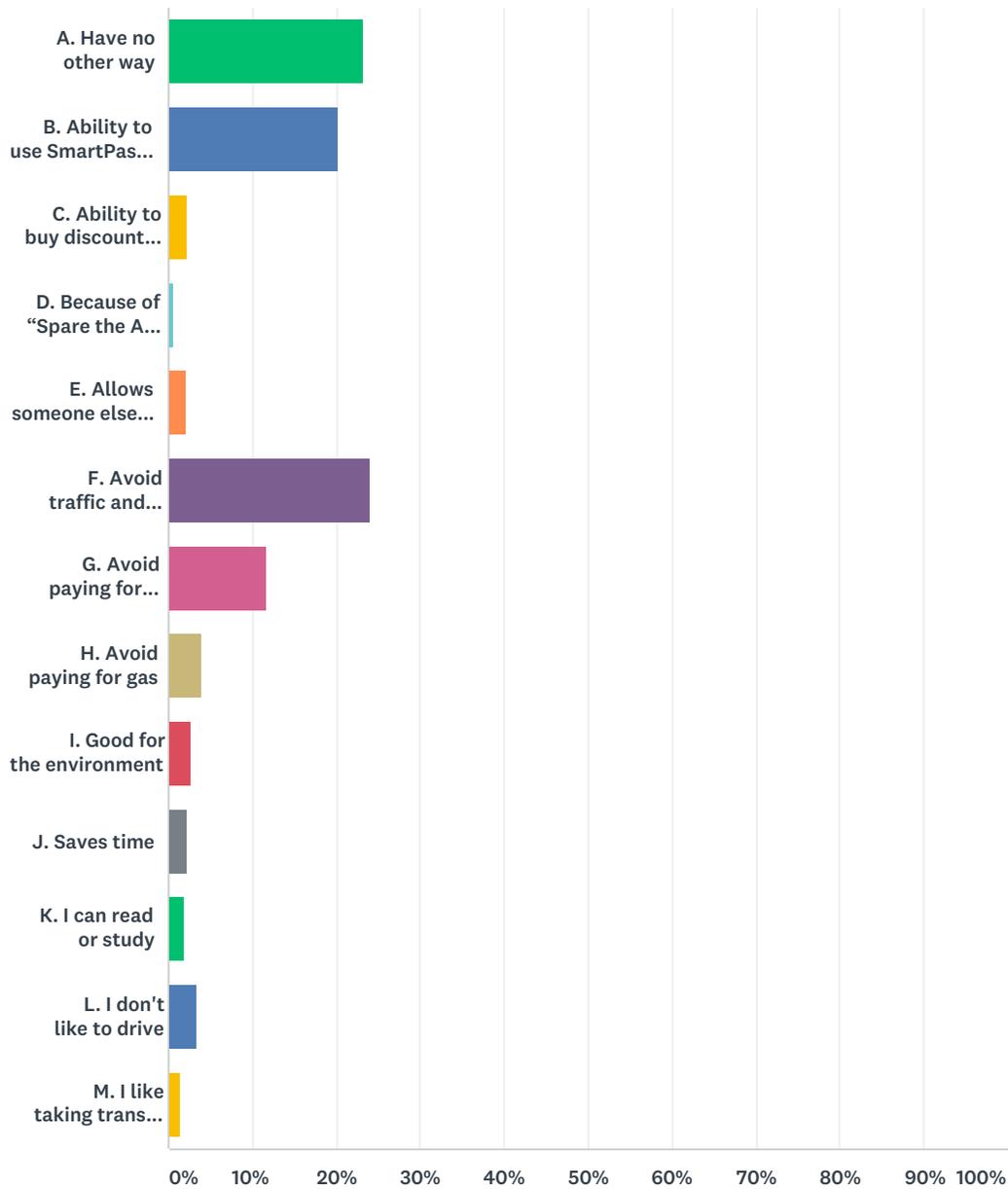
Answered: 2,401 Skipped: 1,941



ANSWER CHOICES	RESPONSES	
A. Bicycle	3.58%	86
B. Electric scooter/ E-Bike	1.00%	24
C. Carpool	2.42%	58
D. I get dropped off	4.04%	97
E. Uber/ Lyft	1.08%	26
F. Drive alone (including to SJSU Park & Ride and motorcycle)	14.29%	343
G. VTA bus/ light rail/ Access	51.85%	1,245
H. Regional train/ bus (including Caltrain, BART, Hwy 17 Express, ACE, Amtrak, MST)	6.41%	154
I. I live on/ near campus, so I walk/ skateboard/ manual scooter	15.33%	368
<b>TOTAL</b>		<b>2,401</b>

Q19 If you take bus, light rail, train, or carpool to campus, select the THE MOST IMPORTANT reason for doing so. If not, skip to Question 20.

Answered: 2,225 Skipped: 2,117



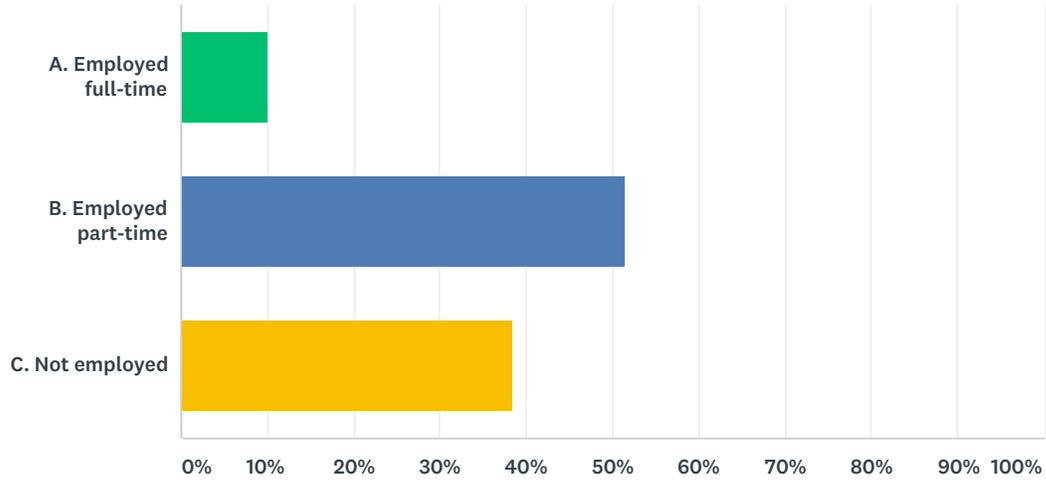
ANSWER CHOICES	RESPONSES	
A. Have no other way	23.33%	519
B. Ability to use SmartPass Clipper	20.27%	451
C. Ability to buy discounted transit passes at TS	2.34%	52
D. Because of "Spare the Air" Announcements	0.58%	13
E. Allows someone else to use the car	2.07%	46

## SJSU Commute Survey, Fall 2018

F. Avoid traffic and parking hassles	24.00%	534
G. Avoid paying for parking	11.73%	261
H. Avoid paying for gas	3.96%	88
I. Good for the environment	2.65%	59
J. Saves time	2.29%	51
K. I can read or study	1.98%	44
L. I don't like to drive	3.28%	73
M. I like taking transit or carpooling with others	1.53%	34
<b>TOTAL</b>		<b>2,225</b>

## Q20 What is your employment status?

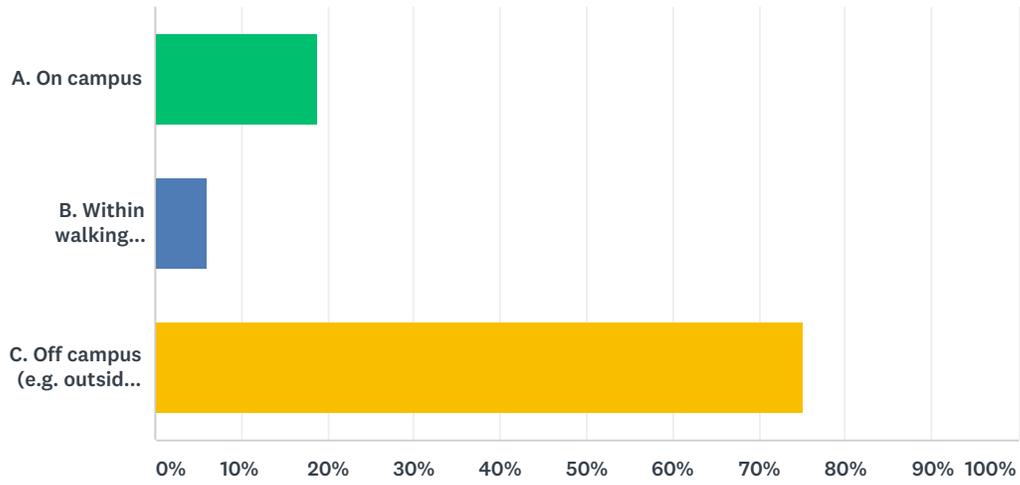
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
A. Employed full-time	10.11%	439
B. Employed part-time	51.45%	2,234
C. Not employed	38.44%	1,669
TOTAL		4,342

## Q21 If you're employed, where do you work?

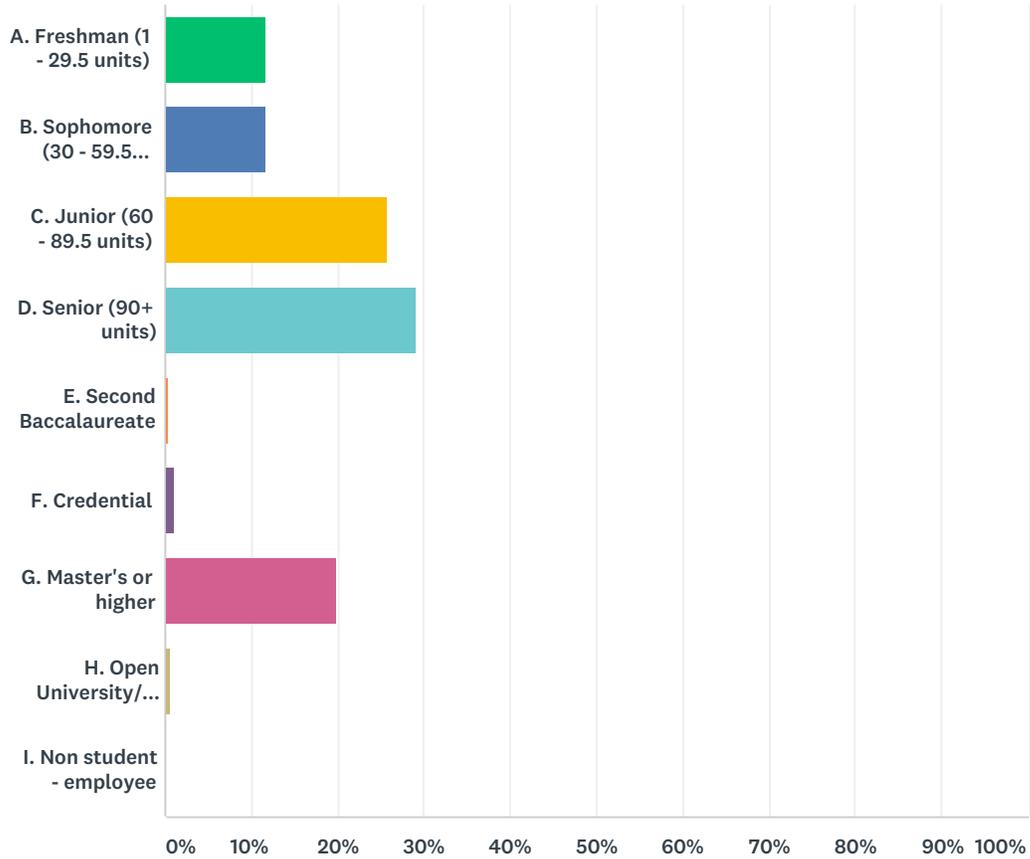
Answered: 2,658 Skipped: 1,684



ANSWER CHOICES	RESPONSES	
A. On campus	18.85%	501
B. Within walking distance of campus (e.g. Downtown San Jose)	5.98%	159
C. Off campus (e.g. outside of Downtown San Jose)	75.17%	1,998
<b>TOTAL</b>		<b>2,658</b>

## Q22 What is your class level:

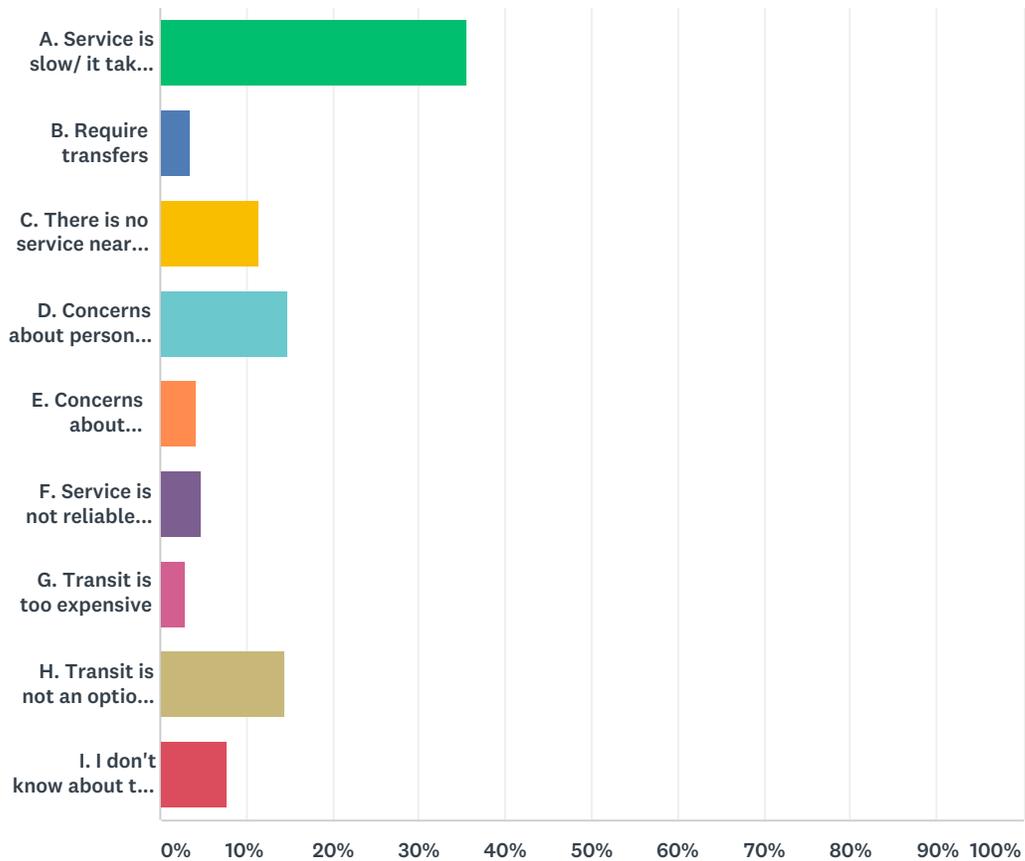
Answered: 4,342 Skipped: 0



ANSWER CHOICES	RESPONSES	
A. Freshman (1 - 29.5 units)	11.68%	507
B. Sophomore (30 - 59.5 units)	11.65%	506
C. Junior (60 - 89.5 units)	25.66%	1,114
D. Senior (90+ units)	29.18%	1,267
E. Second Baccalaureate	0.32%	14
F. Credential	0.94%	41
G. Master's or higher	19.78%	859
H. Open University/ Continuing Education/ Extended Studies/ I - Gateways	0.67%	29
I. Non student - employee	0.12%	5
<b>TOTAL</b>		<b>4,342</b>

## Q23 If you don't take transit (bus, Light Rail, train), what is THE PRIMARY reason?

Answered: 2,613 Skipped: 1,729



ANSWER CHOICES	RESPONSES	
A. Service is slow/ it takes too long	35.67%	932
B. Require transfers	3.64%	95
C. There is no service near me or no service at the times I commute to/ from campus	11.52%	301
D. Concerns about personal safety	14.85%	388
E. Concerns about cleanliness, or general comfort	4.21%	110
F. Service is not reliable (transit not running on time)	4.90%	128
G. Transit is too expensive	2.91%	76
H. Transit is not an option for me/ I have complicated commute	14.50%	379
I. I don't know about the transit options or how to use public transportation	7.81%	204
<b>TOTAL</b>		<b>2,613</b>