

## SJSU Transportation Solutions Fall 2014 Student Commute Survey Report

### 1 Survey

Transportation Solutions (TS) completed its fourteenth annual survey administered at the end of fall 2014 semester. This was TS’s twelfth online commute survey and it was administered by SurveyMonkey.

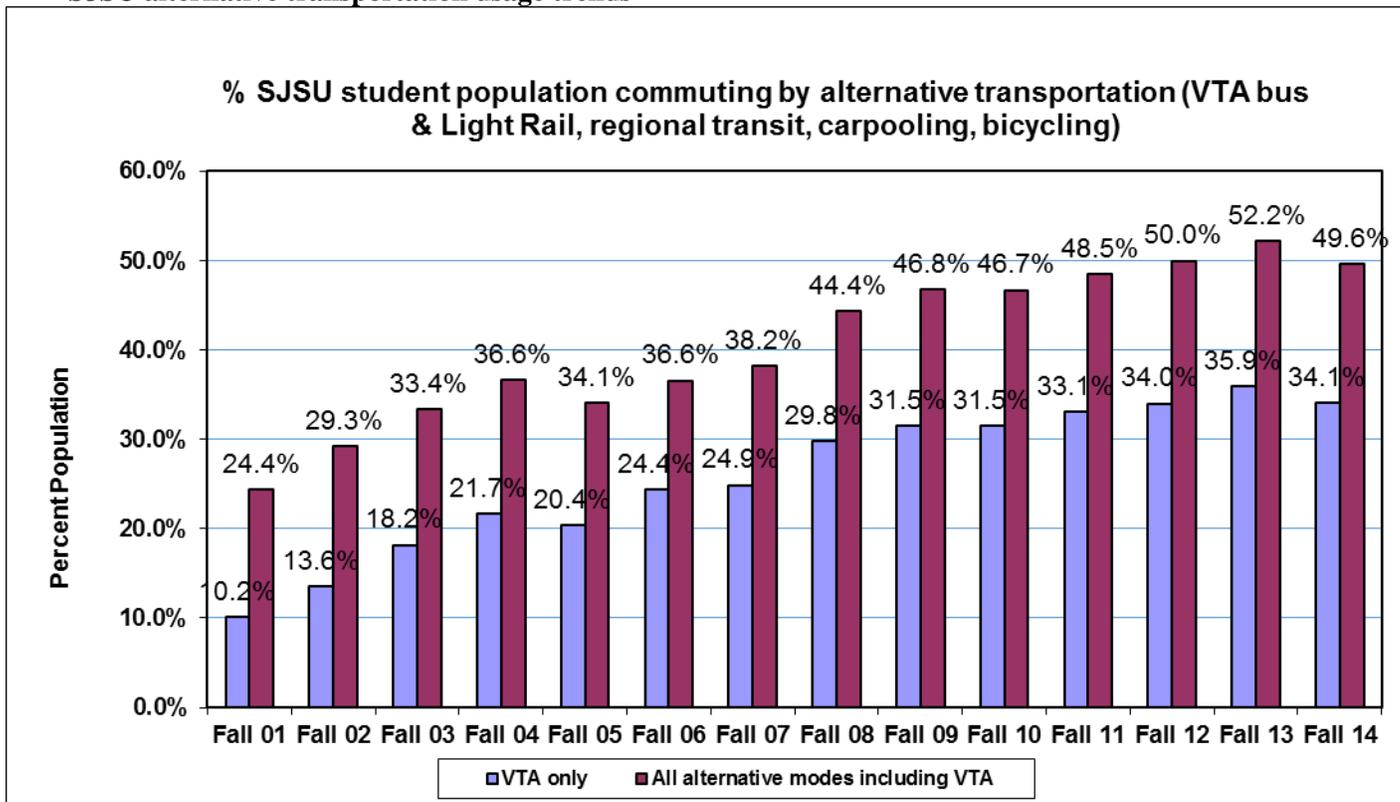
As before, the survey shows significant results that prove Transportation Solutions’ effectiveness in reducing reliance on single occupant vehicles and meeting the modal shift targets. The survey instrument was the same used in previous years which was approved by TS grant source, the Bay Area Air Quality Management District’s Transportation Fund for Clean Air (TFCRA Regional Funds).

The survey was carried out from November 3<sup>rd</sup> through 14<sup>th</sup>, 2014. It was placed on the web and an email with the survey’s link was sent to 36,145 students (Regular enrollment, Open University, Special Sessions, etc.); 3,619 participated with a response rate of 10%.

#### 1.1 Analysis

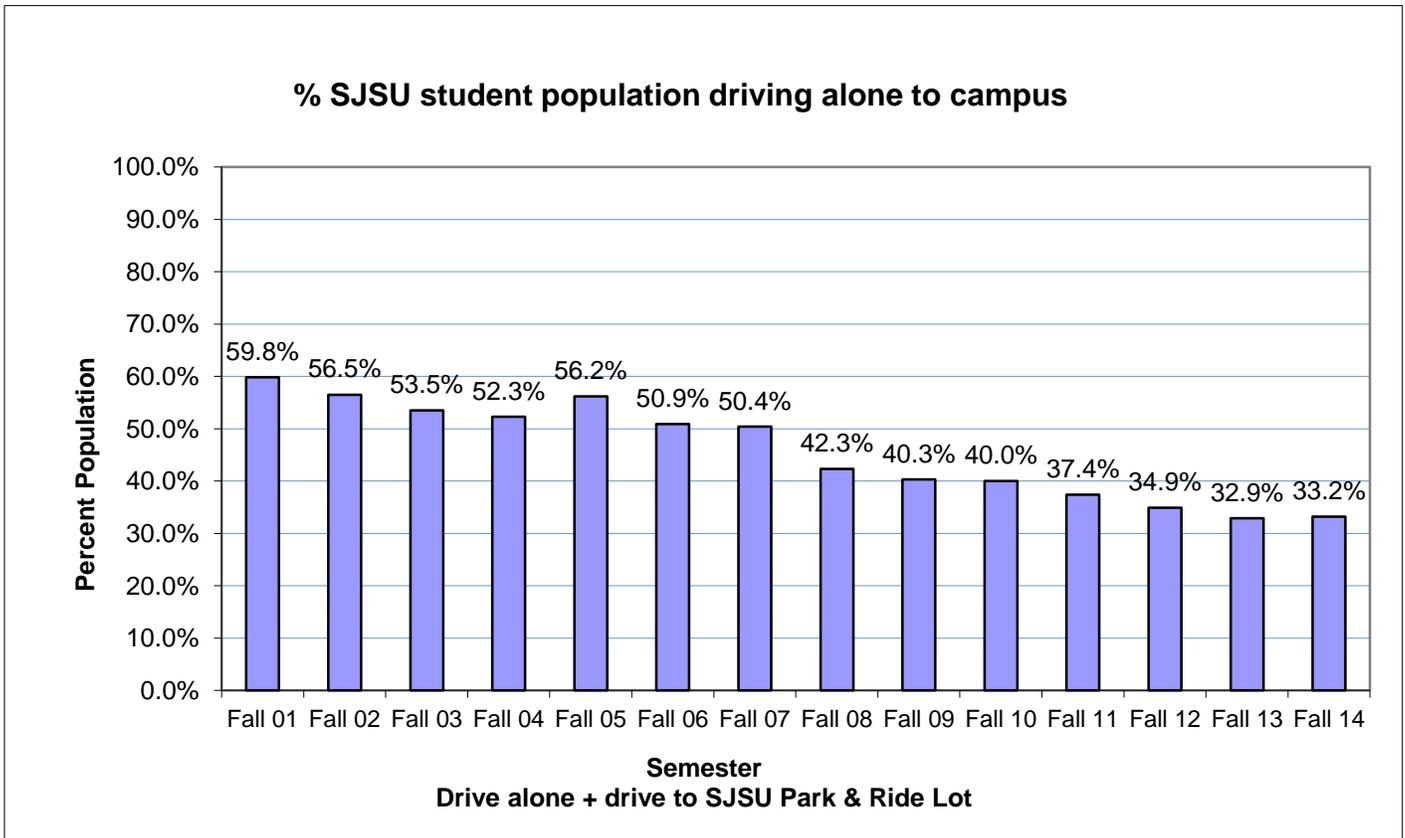
This survey produced consistencies in all response ratios compared with the previous years’ results. The overall alternative transportation use was at 49.6%. Extrapolated over the population of 36,145, the total alternative transportation users were estimated at 17,938. The Santa Clara Valley Transportation Authority (VTA) ridership to campus was 34.1% or 12,335 riders in 2014. The overall VTA ridership dropped 1.7% compared with 2013 at 35.9%.

**SJSU alternative transportation usage trends**

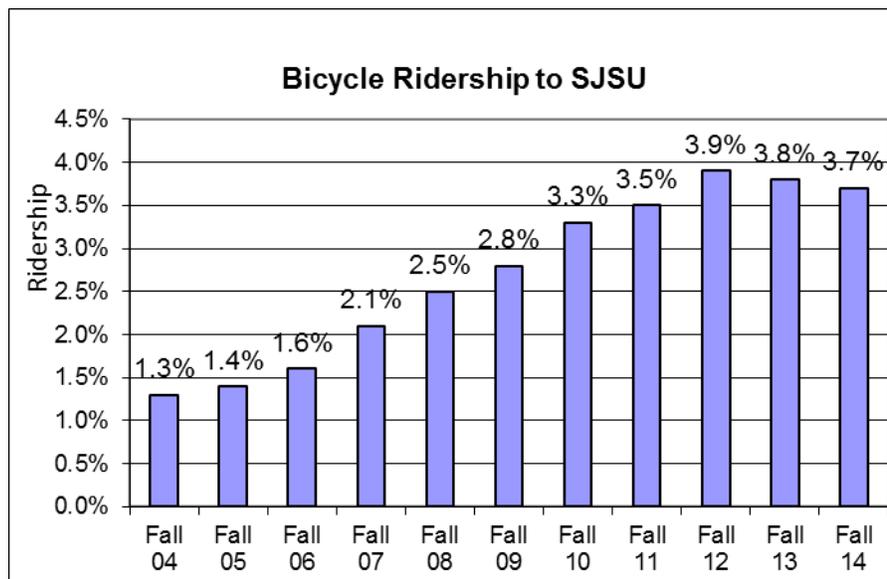


(Regional transit include: Caltrain, BART, Highway 17 Express, Altamont Commuter Express (ACE) train, Amtrak Capitol Corridor and Monterey-Salinas Transit).

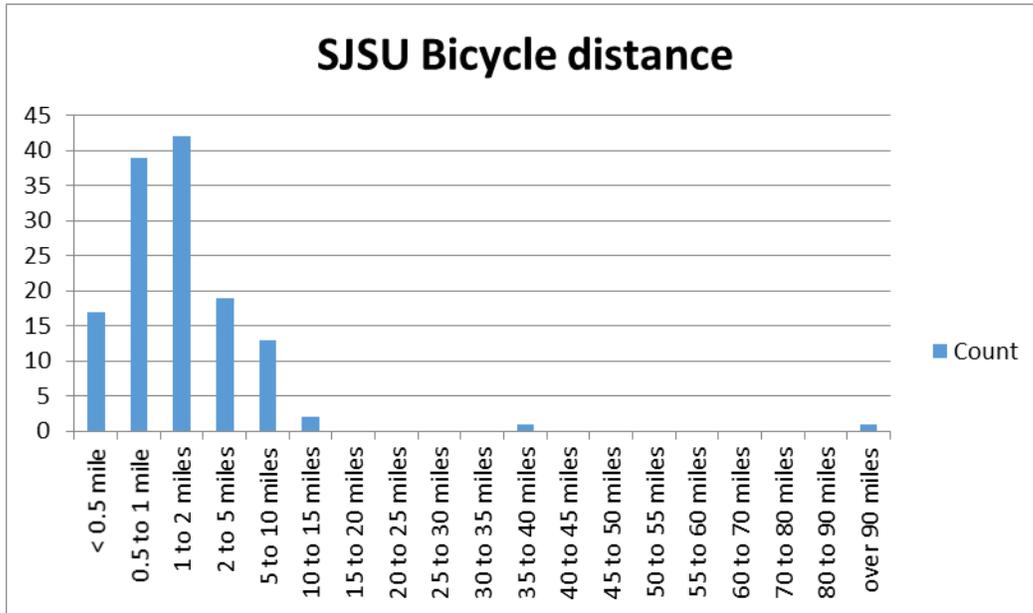
The total transit users including VTA (34.1%) and regional transit (5.7%) made up 39.8% or 14,402 riders. The solo-driving to campus increased 0.3 from to 32.9% in 2013 to 33.2% in 2014 that may be attributed to lower gas prices. The chart below shows the decrease in drive-alone rate to campus among SJSU students since fall 2001.



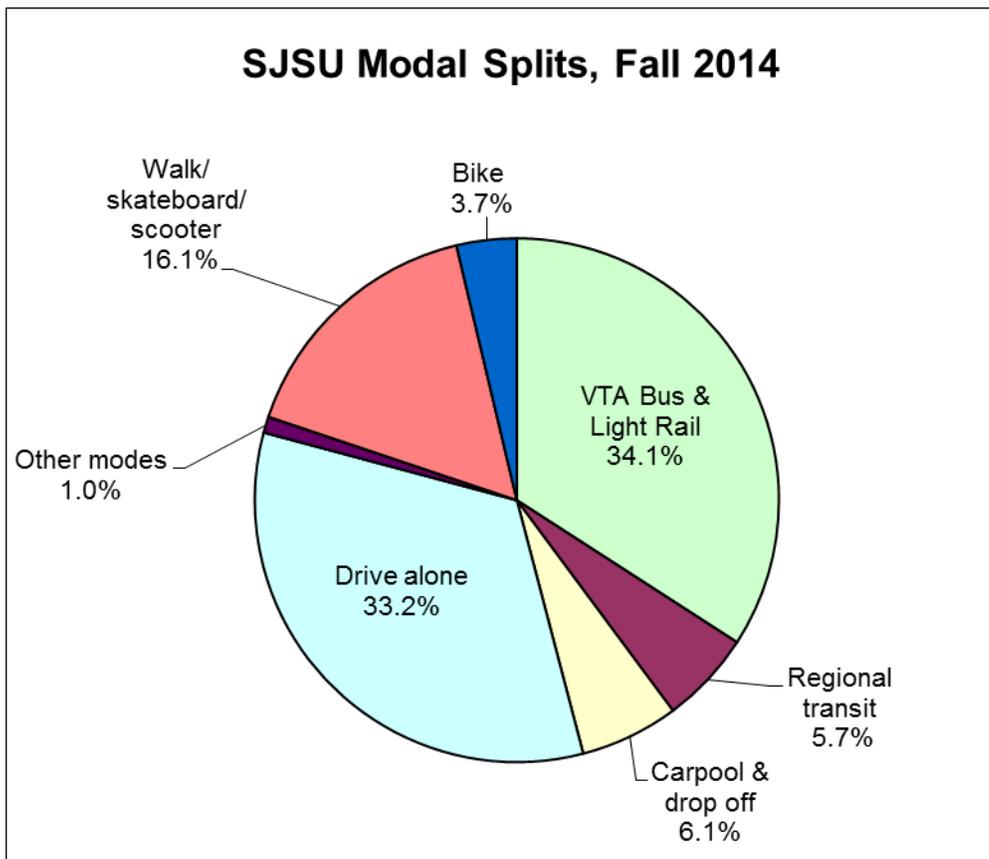
Bicycling to SJSU has been on the rise for some time as the following chart indicates. In 2014, 3.7% of the population or about 1,338 biked to campus, a 0.1% drop from 2013. Part of this trend may be attributed to the usage of Bay Area Bike Share stations around SJSU.



The average biking distance to SJSU was 3.1 miles (Q5xQ9).



The following chart shows the latest commute situation at SJSU:



Other significant findings are as follows:

- a) Average frequency of travel to/from campus: 3.98 days per week, from the results of Question 4
- b) Average one-way trip distance (home to campus): 13.2 miles, from the results of Question 9. Average time of commute was 31 minutes (Question 10). The following tables list the average one-way trip distance for each type of commute mode (Q5xQ9).

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2014</b>
ACE	55
Amtrak Capitol Corridor	31.2
BART	36.4
Bicycle	3.1
Bus (VTA)	10.6
Light Rail (VTA)	10.8
Caltrain	30.4
Carpool	21.7
Drop off	9.8
Hwy 17 Express	34.5
Monterey-Salinas Transit (Bus 55)	70.0

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

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2014</b>
Drive-alone	18.8
Drive to Park & Ride	12.6

- d) Average walking, skateboard/scooter distance:

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2014</b>
Walk	1.0
Skateboard/scooter	1.8

- e) Other

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2014</b>
Motorcycle	17.9
Outreach	12.6

- f) The overall average frequency of travel using alternative transportation was 3.97 days/week or estimated 167 days/year. The following table shows the average alternative transportation days per week and per year (Estimated 42 weeks) by mode (Q5xQ4).

<b>Transportation Mode</b>	<b>Average commute days per week</b>	<b>Average days per year</b>
ACE	3.6	151
Amtrak Capitol Corridor	4.3	181
BART	3.9	164
Bicycle	4.4	185
Bus (VTA)	4.1	172
Light Rail (VTA)	3.9	164
Caltrain	3.8	160
Carpool	3.6	151
Drop off	3.9	164
Hwy 17 Express	3.6	151
Monterey-Salinas Transit (Bus 55)	2.0	84

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

<b>Transportation Mode</b>	<b>Average commute days per week</b>	<b>Average days per year</b>
Drive-alone	3.4	143
Drive to Park & Ride	3.7	155

- h) Average walking, skateboard/scooter days:

<b>Transportation Mode</b>	<b>Average commute days per week</b>	<b>Average days per year</b>
Walk	5.1	214
Skateboard/Scooter	5.1	214

- i) Other

<b>Transportation Mode</b>	<b>Average commute days per week</b>	<b>Average days per year</b>
Motorcycle	3.5	147
Outreach (Paratransit)	4.2	176

j) Mode of travel when not using transit: The responses from Question 5 provide the percentages for all the commute modes. Based on this, of the 36,145 enrollment:

- Drive-alone plus Drive to Park & Ride was 33.2% or 12,015,
- Carpool & drop off 6.1% or 2,197,
- Bike 3.7% or 1,337,
- Walk/skateboard/scooter 16.1% or 5,833
- Other modes 1.0% or 360

k) 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 show:

<b>Q17 &amp; Q18</b>	<b>Before</b>	<b>After</b>	<b>Net Change (After - Before)</b>
A. Bicycle	4.5%	4.3%	- 0.2%
B. Carpool	4.0%	2.4%	- 1.6%
C. Drop off	13.5%	3.3%	- 10.1%
D. Drive-alone (including to SJSU Park & Ride and motorcycle)	24.9%	15.4%	- 9.5%
E. VTA bus/light rail	29.1%	54.2%	+ 25.1%
F. Regional train/bus (including ACE, BART, Caltrain, Hwy 17 Express, Amtrak)	4.6%	5.3%	+ 0.7%
G. I lived on/near campus so I walked/skateboard/scooter	19.4%	15.1%	- 4.3%

l) Net reduction in vehicle trips to campus (based upon prior travel mode):

The TS effectiveness in reducing drive-alone rate in 2014 was 9.5%.

Population 36,145 x 9.5% decrease in drive-alone = 3,430 cars x 2 trips/day = 6,860 trips/day

m) 25.0% (1,906) of the alternative transportation users drove-alone to an initial transit stop or carpool pick up site (Question 11). Calculations: 25.0% x {Total transit riders (39.8%) + Total carpoolers (6.1%)} x 36,145= 1,906

n) 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/roller blade/scooter	0.5
B. Bicycle	1.5
C. Bus/light rail/train/ferry	2.6
D. Carpool	1.2
E. Drop off	2.3
F. Drive alone	3.5
G. Motorcycle	0.0

Also other important results include:

- 58.8% of the new students use alternative transportation to campus (Q2xQ5). VTA ridership among new students was at 38.4%.
- 35.7% of the commuters who always have access to a car and 75.4% of the people who sometimes have access to a car choose to take alternative transportation to campus (Q3xQ5).

The following table provides the detailed results and analysis of the findings for each survey question.

## 1.2 SurveyMonkey Results

San Jose State University Transportation Survey, Fall 2014

Response Status: 3,619 Completes

Filter: No filter applied

November 3 - 14, 2014

1. Enter contact information for prize notification:	Count	Fall 14	Fall 13	Fall 12
First & last name	3,583	99.9%	99.9%	99.9%
Email address	3,573	99.6%	99.8%	99.9%
Answered question	3,587			
Skipped question	32			

2. Is this your first semester at SJSU?	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	1,310	36.2%	42.2%	40.3%	40.0%	35.4%	30.1%	31.7%	37.6%	33.8%	36.4%
No	2,309	63.8%	57.8%	59.7%	60.0%	64.6%	69.9%	68.3%	62.4%	66.2%	63.6%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
Skipped question	0										

3. Do you have a car available for getting to San Jose State University (SJSU)?	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Always	2,041	56.4%	56.4%	59.6%	61.7%	64.8%	67.0%	71.9%	74.9%	76.3%	79.7%
B. Sometimes	663	18.3%	18.0%	18.7%	17.0%	16.2%	16.0%	12.9%	12.4%	11.7%	10.9%
C. Never	915	25.3%	25.6%	21.7%	21.2%	18.9%	17.0%	15.2%	12.7%	11.9%	9.4%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
Skipped question	0										

<b>4. In a typical week, how many days do you come to SJSU?</b>	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. One day a week	163	4.5%	3.0%	3.4%	4.7%	4.9%	4.8%	5.3%	5.8%	7.3%	6.5%
B. Two days a week	514	14.2%	14.1%	15.5%	15.5%	17.9%	17.4%	19.4%	18.3%	18.8%	19.2%
C. Three days a week	415	11.5%	12.6%	12.0%	11.3%	13.4%	14.3%	14.0%	14.1%	14.2%	13.7%
D. Four days a week	1,364	37.7%	37.9%	39.3%	37.7%	39.0%	36.9%	33.7%	35.3%	33.4%	33.6%
E. Five days a week	746	20.6%	22.9%	20.0%	21.1%	18.4%	18.8%	19.4%	19.1%	18.6%	20.3%
F. Six days a week	154	4.3%	3.6%	2.8%	3.3%	2.3%	2.6%	2.8%	2.7%	2.8%	2.2%
G. Seven days a week	263	7.3%	5.9%	7.0%	6.5%	4.0%	5.2%	5.4%	4.7%	4.8%	4.5%
<b>Total</b>	<b>3,619</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>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Skipped question	0										
<b>Average frequency of travel to campus</b>	<b>3.98</b>	<b>Days per week</b>	3.94	3.91	3.71	3.76	3.72	3.71	3.65	3.66	

<b>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)</b>	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05	Fall 04
A. ACE train	36	1.0%	0.69%	0.5%	0.6%	0.5%	0.5%	0.4%	0.1%	0.2%	0.2%	0.1%
B. Amtrak Capitol Corridor/Thruway Bus	11	0.3%	0.17%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.3%
C. BART + connecting mode (e.g. VTA Bus 181)	61	1.7%	1.82%	1.6%	1.4%	1.2%	1.1%	1.1%	0.7%	0.8%	0.7%	0.5%
D. Bicycle	134	3.7%	3.79%	3.9%	3.5%	3.3%	2.8%	2.5%	2.1%	1.6%	1.4%	1.3%
E. Bus (VTA)	710	19.6%	20.00%	18.5%	17.1%	16.5%	16.8%	13.8%	11.1%	10.2%	9.2%	11.6%
F. Light Rail (VTA)	525	14.5%	15.86%	15.5%	16.0%	15.0%	14.7%	16.0%	13.8%	13.4%	10.5%	9.6%
G. Caltrain	56	1.5%	1.79%	2.0%	1.6%	1.5%	2.2%	2.4%	2.2%	2.5%	1.9%	2.3%
H. Carpool	125	3.5%	3.62%	3.1%	3.4%	3.7%	4.1%	4.0%	4.4%	4.0%	5.1%	5.9%
I. I get dropped off	95	2.6%	3.01%	3.7%	3.7%	3.7%	3.2%	2.5%	2.4%	2.5%	2.7%	3.6%
J. Drive alone	1,130	31.2%	29.73%	32.0%	34.7%	37.7%	36.6%	38.4%	46.2%	47.3%	52.0%	47.4%
K. Drive to Park & Ride Lot and take SJSU Shuttle	73	2.0%	3.15%	2.9%	2.8%	2.3%	3.6%	3.9%	4.2%	3.6%	4.2%	4.9%
L. Highway 17 Express bus	41	1.1%	1.30%	1.2%	1.0%	1.0%	1.1%	1.6%	1.3%	1.3%	1.5%	1.4%
M. Monterey-Salinas Transit bus line 55 or 79	2	0.1%	0.03%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%		
N. Motorcycle	23	0.6%	0.38%	0.5%	0.5%	0.6%	0.6%	0.7%	0.6%	0.7%	0.6%	0.6%
O. Outreach (VTA)	13	0.4%	0.38%	0.2%	0.3%	0.2%	0.2%	0.2%	0.0%	0.2%	0.2%	0.2%
P. Skateboard/scooter	43	1.2%	1.07%	1.1%	0.6%	0.5%	0.5%	0.5%	0.4%	0.2%	0.0%	0.2%
Q. Walk, (live on/near campus)	541	14.9%	13.20%	13.3%	12.6%	12.0%	11.6%	12.0%	10.4%	11.3%	9.6%	10.2%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>	<b>100.00%</b>	<b>100.0%</b>								
Skipped question	0											

6. If you selected VTA Bus in Question 5, please pick the Bus route you mostly use. If not, go to the next Question.	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
11	0	0.0%	0.0%	0.5%	0.8%	0.3%	0.4%	0.1%			
22	110	13.2%	13.0%	12.8%	11.5%	11.1%	9.5%	10.0%	13.4%	14.1%	12.7%
23	85	10.2%	9.1%	8.4%	10.5%	12.8%	10.4%	11.5%	9.4%	9.2%	9.5%
63	21	2.5%	2.3%	2.4%	2.8%	2.7%	2.1%	3.7%	3.3%	2.5%	2.6%
64	59	7.1%	8.9%	7.8%	8.0%	8.7%	6.8%	9.4%	1.9%	1.9%	3.4%
65	18	2.2%	1.9%	1.2%	0.7%	0.9%	0.7%	0.6%	3.1%	3.4%	4.4%
66	54	6.5%	5.4%	7.4%	5.9%	8.4%	7.9%	7.2%	2.9%	3.8%	4.4%
68	12	1.4%	3.4%	2.8%	2.7%	3.1%	1.5%	1.5%	2.6%	1.9%	3.0%
72	90	10.8%	9.4%	7.8%	9.7%	7.0%	7.0%	6.0%	5.8%	4.8%	5.6%
73	55	6.6%	6.8%	6.1%	8.6%	7.8%	9.9%	8.5%	8.0%	5.3%	4.8%
81	26	3.1%	2.4%	2.4%	3.7%	3.8%	4.8%	4.2%	8.4%	9.4%	10.1%
82	12	1.4%	0.8%	1.8%	0.9%	1.0%	1.0%	0.6%	1.0%	1.7%	2.2%
168	20	2.4%	2.6%	1.8%	2.4%	1.3%	3.1%	2.8%			
180	0	0.0%	0.0%	0.1%	0.1%	0.8%	0.7%	8.2%	18.5%	19.1%	17.5%
181	147	17.7%	19.0%	17.2%	17.3%	13.4%	13.1%	6.4%			
304	0	0.0%	0.2%	0.1%	0.1%	0.0%	0.4%	0.1%	0.2%	0.2%	0.2%
323	30	3.6%	1.6%	2.8%	0.0%						
522	69	8.3%	11.5%	14.2%	11.8%	14.7%	17.6%	15.6%	17.3%	17.9%	16.1%
DASH	24	2.9%	1.7%	2.4%	2.5%	2.3%	3.2%	3.3%	2.7%	1.7%	2.0%
<b>Total</b>	<b>832</b>	<b>100.0%</b>									
Skipped question	2,787										

7. Your trip to SJSU normally starts from:	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Home/dorm/current residence/friend or relative's house	3,306	91.4%	91.8%	90.5%	90.2%	88.7%	88.5%	87.0%	86.9%	86.3%	85.4%
B. Work	238	6.6%	6.2%	7.0%	7.8%	8.9%	9.2%	11.0%	11.2%	12.3%	13.0%
C. Other location	75	2.1%	2.0%	2.5%	2.0%	2.4%	2.3%	2.0%	1.9%	1.5%	1.7%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
Skipped question	0										

8. Where do you go after leaving the University?	Count	Fall 14
A. Home/dorm/current residence/friend or relative's house	3,133	86.6%
B. Work	401	11.1%
C. Other location	85	2.3%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>
Skipped question	0	

Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
87.5%	86.1%	86.8%	87.0%	87.6%	85.9%	83.1%	83.6%	82.7%
9.4%	10.2%	10.1%	9.9%	9.1%	11.3%	13.9%	13.2%	14.2%
3.1%	3.7%	3.1%	3.1%	3.3%	2.9%	2.9%	3.1%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

9. How far is your daily one-way trip to SJSU?	Count	Fall 14
less than 0.5 mile	458	12.7%
0.5 to 1 mile	220	6.1%
1 to 2 miles	248	6.9%
2 to 5 miles	432	11.9%
5 to 10 miles	783	21.6%
10 to 15 miles	515	14.2%
15 to 20 miles	205	5.7%
20 to 25 miles	155	4.3%
25 to 30 miles	136	3.8%
30 to 35 miles	122	3.4%
35 to 40 miles	75	2.1%
40 to 45 miles	51	1.4%
45 to 50 miles	54	1.5%
50 to 55 miles	52	1.4%
55 to 60 miles	33	0.9%
60 to 70 miles	25	0.7%
70 to 80 miles	23	0.6%
80 to 90 miles	12	0.3%
over 90 miles	20	0.6%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>
Skipped question	0	

Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
11.7%	12.1%	11.0%	9.4%	9.4%	9.5%	8.7%	9.6%	7.4%
6.0%	4.6%	4.9%	5.2%	4.3%	4.5%	3.6%	4.1%	2.7%
4.5%	4.4%	4.4%	4.3%	4.6%	4.4%	3.5%	2.5%	2.7%
11.9%	10.9%	10.9%	10.8%	10.0%	9.8%	8.7%	9.0%	8.5%
22.6%	21.8%	24.1%	21.7%	23.0%	22.8%	24.2%	21.6%	22.8%
14.9%	16.7%	15.6%	17.7%	16.5%	16.8%	17.0%	18.1%	18.4%
7.1%	6.7%	7.8%	8.3%	7.7%	8.1%	9.0%	8.8%	9.3%
4.5%	4.5%	4.7%	4.7%	5.4%	5.4%	5.9%	6.2%	6.0%
3.8%	4.2%	3.7%	4.0%	4.8%	4.1%	4.5%	4.5%	4.9%
3.4%	3.4%	3.4%	3.6%	3.7%	3.8%	3.9%	4.0%	4.4%
2.5%	3.0%	2.3%	2.4%	2.8%	3.5%	3.1%	2.8%	3.2%
1.4%	1.7%	1.4%	1.9%	2.2%	1.6%	1.7%	2.0%	2.1%
1.5%	1.7%	1.4%	1.8%	1.5%	1.7%	1.7%	1.8%	2.1%
1.2%	1.5%	1.4%	1.2%	1.1%	1.4%	1.4%	1.6%	1.6%
0.9%	1.0%	1.1%	1.1%	0.9%	0.8%	0.9%	1.4%	1.3%
0.8%	1.0%	1.2%	0.6%	1.0%	0.9%	1.1%	0.9%	1.0%
0.6%	0.3%	0.4%	0.6%	0.5%	0.2%	0.5%	0.4%	0.6%
0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.3%
0.4%	0.3%	0.3%	0.4%	0.4%	0.4%	0.2%	0.5%	0.8%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

<b>Average one-way trip distance</b>	<b>13.2 Miles</b>

13.4	14.0	13.7	14.4	14.7	14.6	15.3	15.7	16.8
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10. How long is your daily one-way trip to campus?	Count	Fall 14
less than 5 minutes	362	10.0%
5 to 10 minutes	349	9.6%
10 to 15 minutes	459	12.7%
15 to 20 minutes	550	15.2%
20 to 30 minutes	571	15.8%
30 to 40 minutes	391	10.8%
40 to 50 minutes	290	8.0%
50 to 60 minutes	204	5.6%
1 hr. to 1 hr. 15 mins.	184	5.1%
1 hr. 15 mins. to 1 hr. 30 mins.	108	3.0%
1 hr. 30 mins. to 1 hr. 45 mins.	56	1.5%
1 hr. 45 mins. to 2 hrs.	38	1.1%
2 hrs. to 2 hr. 30 mins.	28	0.8%
2 hrs. 30 mins. to 3 hrs.	13	0.4%
over 3 hrs.	16	0.4%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>
Skipped question	0	
<b>Average trip time</b>	<b>31 Minutes</b>	

Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
8.4%	9.5%	9.1%	7.9%	7.8%	7.3%	7.2%	8.1%	7.2%
9.1%	9.3%	9.3%	9.2%	9.3%	8.9%	7.8%	8.1%	7.8%
13.2%	12.2%	13.1%	14.6%	13.9%	14.4%	13.0%	13.1%	13.8%
14.7%	14.5%	15.8%	16.9%	16.2%	16.1%	17.3%	15.8%	18.5%
17.0%	17.2%	17.1%	15.8%	17.2%	17.0%	18.5%	18.2%	17.7%
11.5%	11.3%	11.7%	11.7%	11.2%	11.5%	12.2%	11.8%	11.8%
8.6%	8.8%	8.1%	8.5%	9.1%	8.8%	7.9%	8.4%	9.0%
5.5%	6.0%	5.8%	5.3%	5.8%	5.8%	6.0%	5.9%	5.1%
5.4%	4.8%	4.4%	4.5%	4.0%	5.1%	4.3%	4.9%	4.3%
2.7%	2.6%	2.5%	2.4%	2.4%	2.2%	2.4%	2.3%	2.0%
1.2%	1.5%	1.0%	1.1%	1.1%	1.1%	1.4%	1.2%	1.2%
1.3%	0.9%	1.0%	0.8%	0.7%	0.6%	0.8%	0.9%	0.6%
0.8%	0.8%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%
0.3%	0.3%	0.1%	0.3%	0.4%	0.3%	0.3%	0.2%	0.3%
0.5%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%	0.5%	0.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
31	31	29	30	30	30	30	29	29

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.	Count	Fall 14
A. Walk/skateboard/roller blade/scooter	728	50.4%
B. Bicycle	73	5.1%
C. Bus/light rail/train/ferry	76	5.3%
D. Carpool	79	5.5%
E. I get dropped off	124	8.6%
F. Drive alone	361	25.0%
G. Motorcycle	3	0.2%
<b>Total</b>	<b>1,444</b>	<b>100.0%</b>
Skipped question	2,175	

Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
52.2%	44.3%	47.2%	44.1%	43.9%	43.1%	39.1%	39.8%	36.9%
3.8%	5.4%	4.6%	4.7%	5.0%	4.7%	4.5%	3.4%	3.4%
5.2%	5.6%	5.9%	5.7%	6.3%	5.3%	6.7%	6.3%	6.2%
4.9%	4.9%	4.3%	5.6%	5.3%	5.9%	8.5%	5.8%	6.6%
9.9%	10.8%	9.9%	9.5%	9.0%	6.8%	7.1%	7.0%	9.1%
23.9%	28.8%	27.9%	30.5%	30.2%	34.1%	34.0%	37.5%	37.6%
0.1%	0.1%	0.2%	0.0%	0.3%	0.1%	0.1%	0.2%	0.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

12. How far do you travel to this bus stop, train station or carpool pick-up location (miles)?	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
0 to 0.25 mile	467	30.8%	31.5%	30.0%	32.3%	33.1%	32.8%	31.0%	29.6%	30.6%	32.0%
0.25 to 0.5 mile	273	18.0%	17.5%	15.3%	17.2%	15.2%	14.9%	14.0%	15.3%	14.0%	14.9%
0.5 to 0.75 mile	136	9.0%	8.5%	9.6%	7.7%	7.6%	7.2%	6.5%	7.0%	6.5%	6.0%
0.75 to 1 mile	147	9.7%	10.2%	9.5%	9.1%	8.4%	9.2%	9.1%	9.5%	10.2%	9.4%
1 mile to 1.5 miles	122	8.1%	7.8%	9.4%	8.9%	9.5%	8.9%	8.7%	7.4%	8.5%	6.6%
1.5 miles to 2 miles	65	4.3%	3.4%	5.0%	4.1%	5.1%	5.8%	6.2%	5.9%	6.2%	5.2%
2 miles to 2.5 miles	48	3.2%	3.8%	3.1%	3.1%	3.7%	3.2%	4.0%	3.7%	3.6%	3.8%
2.5 miles to 3 miles	47	3.1%	1.9%	2.9%	2.9%	2.8%	2.8%	3.9%	3.3%	2.1%	3.5%
3 to 4 miles	44	2.9%	3.4%	2.9%	2.8%	3.7%	3.1%	2.8%	3.6%	3.5%	3.2%
4 to 5 miles	36	2.4%	2.3%	3.1%	3.4%	2.5%	2.7%	3.0%	3.6%	3.4%	4.1%
5 to 6 miles	34	2.2%	2.4%	2.2%	1.6%	1.8%	1.8%	2.4%	1.8%	2.3%	1.5%
6 to 8 miles	24	1.6%	1.8%	2.0%	1.6%	1.4%	2.0%	1.7%	1.5%	2.0%	2.5%
8 to 10 miles	23	1.5%	1.5%	2.2%	1.9%	2.1%	1.8%	2.3%	2.5%	2.7%	2.1%
Over 10 miles	49	3.2%	4.0%	3.0%	3.5%	3.3%	3.8%	4.3%	5.3%	4.4%	5.1%
<b>Total</b>	<b>1,515</b>	<b>100.0%</b>									
Skipped question	2,104										
<b>Average distance</b>	<b>1.5 Miles</b>		1.6	1.7	1.6	1.6	1.7	1.8	2.0	1.8	1.8

13. Do you know about "Spare the Air Days"?	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	1,985	54.8%	52.6%	60.7%	63.1%	67.5%	66.7%	69.0%	69.6%	70.8%	59.9%
No	1,634	45.2%	47.4%	39.3%	36.9%	32.5%	33.3%	31.0%	30.4%	29.2%	40.1%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
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 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	858	37.3%	35.1%	33.4%	33.3%	35.1%	35.3%	31.2%	31.6%	28.4%	23.9%
No	1441	62.7%	64.9%	66.6%	66.7%	64.9%	64.7%	68.8%	68.4%	71.6%	76.1%
<b>Total</b>	<b>2,299</b>	<b>100.0%</b>									
Skipped question	1,320										

15. How did you first learn about the Transportation Solutions (TS) or any of the TS services? TS provides AS Eco Pass Sticker (VTA bus/light rail pass), trip planning, carpool matching, Bicycle Enclosure and TS website.	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Website	316	8.7%	8.9%	8.5%	7.5%	7.3%	7.2%	8.2%	6.5%	6.6%	6.1%
B. Student Orientation	1305	36.1%	31.7%	31.1%	30.1%	26.9%	26.5%	23.1%	20.8%	21.6%	19.9%
C. Campus fair or tabling event	100	2.8%	2.8%	2.7%	2.7%	2.4%	2.0%	1.7%	1.6%	1.9%	1.5%
D. Email	581	16.1%	15.3%	14.9%	11.2%	10.1%	9.4%	8.1%	7.4%	9.7%	12.3%
E. Friend, classmate, colleague	528	14.6%	15.7%	15.6%	14.1%	14.7%	16.7%	14.9%	14.3%	13.3%	11.9%
F. I was mailed a letter + brochure	535	14.8%	17.4%	19.4%	24.6%	30.1%	29.8%	32.1%	37.0%	34.6%	32.9%
G. Poster/sign/brochure	39	1.1%	1.2%	1.3%	1.7%	1.3%	1.2%	1.4%	1.6%	1.1%	1.6%
H. Spartan Daily	9	0.2%	0.3%	0.4%	0.5%	0.4%	0.4%	0.7%	0.6%	0.5%	0.5%
I. I don't know of Eco Pass Sticker or TS	206	5.7%	6.6%	6.1%	7.6%	6.9%	6.9%	9.9%	10.2%	10.6%	13.5%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
Skipped question	0										

16. Have you ever used any of the Transportation Solutions (TS) services, including the AS Eco Pass Sticker?	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	2,594	71.7%	69.3%	67.5%	65.4%	67.4%	65.5%	62.5%	55.8%	53.6%	47.6%
No	1,025	28.3%	30.7%	32.5%	34.6%	32.6%	34.5%	37.5%	44.2%	46.4%	52.4%
<b>Total</b>	<b>3,619</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 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Bicycle	114	4.5%	4.5%	4.4%	4.7%	3.0%	3.1%	2.8%	2.3%	1.7%	2.5%
B. Carpool	95	3.7%	4.0%	3.7%	3.2%	3.9%	4.2%	3.3%	3.9%	3.6%	4.1%
C. I got dropped off	340	13.4%	13.5%	14.0%	14.6%	12.3%	11.2%	9.2%	10.7%	9.7%	10.4%
D. I drove alone (including to SJSU Park & Ride and motorcycle)	595	23.4%	24.9%	27.4%	29.2%	25.7%	27.7%	32.0%	32.5%	33.7%	34.2%
E. I was taking VTA bus/light rail before attending SJSU	751	29.6%	29.1%	27.6%	27.0%	14.2%	13.9%	14.0%	12.8%	13.4%	12.9%
F. Regional train/bus (including Caltrain, Hwy 17 Exp, ACE, Amtrak, MST)	90	3.5%	4.6%	2.9%	3.1%	2.4%	2.6%	2.8%	3.2%	3.2%	3.2%
G. I lived on/near campus so I walked / skateboard / scooter	554	21.8%	19.4%	20.0%	18.2%	17.2%	17.2%	16.3%	14.9%	15.5%	13.3%
H. This was a new commute for me						21.1%	20.0%	19.8%	19.8%	19.3%	19.5%
<b>Total</b>	<b>2,539</b>	<b>100.0%</b>									
Skipped question	1,080										

18. If yes to Question 16, how do/did you commute to the University after using TS services or AS Eco Pass?	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Bicycle	100	3.9%	4.3%	4.6%	4.8%	3.8%	3.6%	3.3%	3.3%	2.3%	2.8%
B. Carpool	71	2.8%	2.4%	2.3%	2.7%	2.5%	3.0%	2.7%	3.2%	2.2%	3.5%
C. I get dropped off	75	3.0%	3.3%	3.9%	3.9%	4.3%	3.8%	3.3%	3.4%	3.2%	3.9%
D. Drive alone (including to SJSU Park & Ride and motorcycle)	368	14.5%	15.4%	16.0%	18.5%	19.2%	18.1%	18.8%	22.9%	22.7%	25.7%
E. VTA bus/light rail	1,349	53.1%	54.2%	52.0%	51.8%	51.8%	52.7%	53.2%	49.3%	49.8%	47.5%
F. Regional train/bus (including Caltrain, Hwy 17 Express, ACE, Amtrak)	131	5.2%	5.3%	3.6%	3.6%	3.5%	3.9%	4.4%	4.4%	4.7%	4.6%
G. I live on or near campus so I walk/skateboard/scooter	448	17.6%	15.1%	17.6%	14.8%	15.0%	14.8%	14.2%	13.5%	15.0%	12.0%
<b>Total</b>	<b>2,542</b>	<b>100.0%</b>									
Skipped question	1,077										

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.	Count	Fall 14	Fall 13	Fall 12	Fall 11
A. Have no other way	411	19.7%	22.0%	16.9%	21.0%
B. Ability to use Tower Card + Eco Pass	499	23.9%	23.6%	23.0%	17.5%
C. Ability to buy discounted transit passes at TS	23	1.1%	0.6%	0.5%	
D. Because of "Spare the Air" Announcements	10	0.5%	0.3%	0.6%	0.4%
E. Allows someone else to use the car	43	2.1%	2.4%	2.3%	2.5%
F. Avoid traffic and parking hassles	394	18.9%	17.9%	16.9%	16.5%
G. Avoid paying for parking	295	14.1%	13.6%	14.1%	17.2%
H. Avoid paying for gas	167	8.0%	9.2%	13.3%	10.6%
I. Good for the environment	82	3.9%	3.8%	4.6%	5.0%
J. Saves time	47	2.3%	1.2%	2.6%	2.4%
K. I can read or study	39	1.9%	1.9%	1.7%	2.0%
L. I don't like to drive	53	2.5%	2.0%		
M. I like taking transit or carpooling with others	25	1.2%	1.3%		
Other, please specify				3.5%	5.0%
<b>Total</b>	<b>2,088</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Skipped question	1,531				

<b>20. What is your employment status?</b>	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Employed full-time	403	11.1%	9.5%	10.3%	12.4%	13.2%	14.0%	18.8%	18.9%	20.6%	21.2%
B. Employed part-time	1686	46.6%	43.4%	45.8%	43.7%	43.6%	42.9%	45.1%	46.7%	46.7%	46.8%
C. Not employed	1530	42.3%	47.0%	43.9%	44.0%	43.2%	43.2%	36.2%	34.4%	32.6%	32.0%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
Skipped question	0										

<b>21. If you're employed, where do you work?</b>	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. On campus	376	18.0%	17.1%	16.5%	16.6%	15.0%	13.7%	11.8%	10.7%	11.8%	8.8%
B. Within walking distance of campus (e.g. Downtown San Jose)	107	5.1%	5.3%	4.9%	4.2%	4.6%	4.3%	5.1%	4.1%	4.1%	3.8%
C. Off campus (e.g. outside of Downtown San Jose)	1611	76.9%	77.6%	78.6%	79.1%	80.4%	82.0%	83.1%	85.1%	84.1%	87.4%
<b>Total</b>	<b>2,094</b>	<b>100.0%</b>									
Skipped question	1,525										

<b>22. What is your class level:</b>	Count	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Freshman (1 - 29.5 units)	483	13.3%	15.9%	14.7%	16.8%	12.7%	11.6%	12.5%	13.3%	11.5%	11.8%
B. Sophomore (30 - 59.5 units)	356	9.8%	8.7%	9.5%	8.2%	7.4%	8.6%	6.9%	7.3%	7.7%	8.7%
C. Junior (60 - 89.5 units)	921	25.4%	27.3%	29.1%	27.8%	25.6%	27.1%	26.7%	27.0%	25.7%	30.1%
D. Senior (90+ units)	951	26.3%	24.2%	25.2%	24.8%	27.6%	26.1%	26.1%	22.2%	25.1%	22.3%
E. Second Baccalaureate	6	0.2%	0.3%	0.3%	0.6%	0.7%	0.9%	2.0%	2.5%	2.2%	2.3%
F. Credential	43	1.2%	1.4%	1.8%	2.4%	2.6%	2.8%	2.9%	3.7%	3.1%	3.6%
G. Master's or higher	787	21.7%	21.0%	18.2%	18.0%	21.8%	21.2%	21.8%	22.4%	22.9%	20.1%
H. Open University, Continuing Education, Extended Studies, International Gateway	61	1.7%	1.0%	1.1%	1.2%	1.4%	1.5%	1.1%	1.3%	1.6%	1.0%
I. Non student - employee	11	0.3%	0.0%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%
<b>Total</b>	<b>3,619</b>	<b>100.0%</b>									
Skipped question	0										

23. If you don't take transit (bus, Light Rail, train), what is THE PRIMARY reason?	Count	Fall 14	Fall 13	Fall 12	Fall 11
A. Service is slow / it takes too long	730	38.7%	39.9%	32.5%	30.3%
B. Require transfers	67	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	229	12.1%	12.0%	15.4%	15.8%
D. Concerns about personal safety	209	11.1%	13.3%	10.4%	12.1%
E. Concerns about cleanliness, or general comfort	90	4.8%	3.4%	2.9%	3.1%
F. Service is not reliable (transit not running on time, no real time info available)	105	5.6%	5.1%	3.8%	3.4%
G. Transit is too expensive	32	1.7%	2.2%	1.7%	1.3%
H. Transit is not an option for me / I have complicated commute	295	15.6%	15.3%	5.2%	5.9%
I. I don't know about the transit options or how to use public transportation	129	6.8%	6.5%		
Other, please specify				24.0%	24.2%
<b>Total</b>	<b>1,886</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.1%</b>	<b>100.0%</b>
Skipped question	1,733				