

## SJSU Transportation Solutions Fall 2015 Student Commute Survey Report

### 1 Survey

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

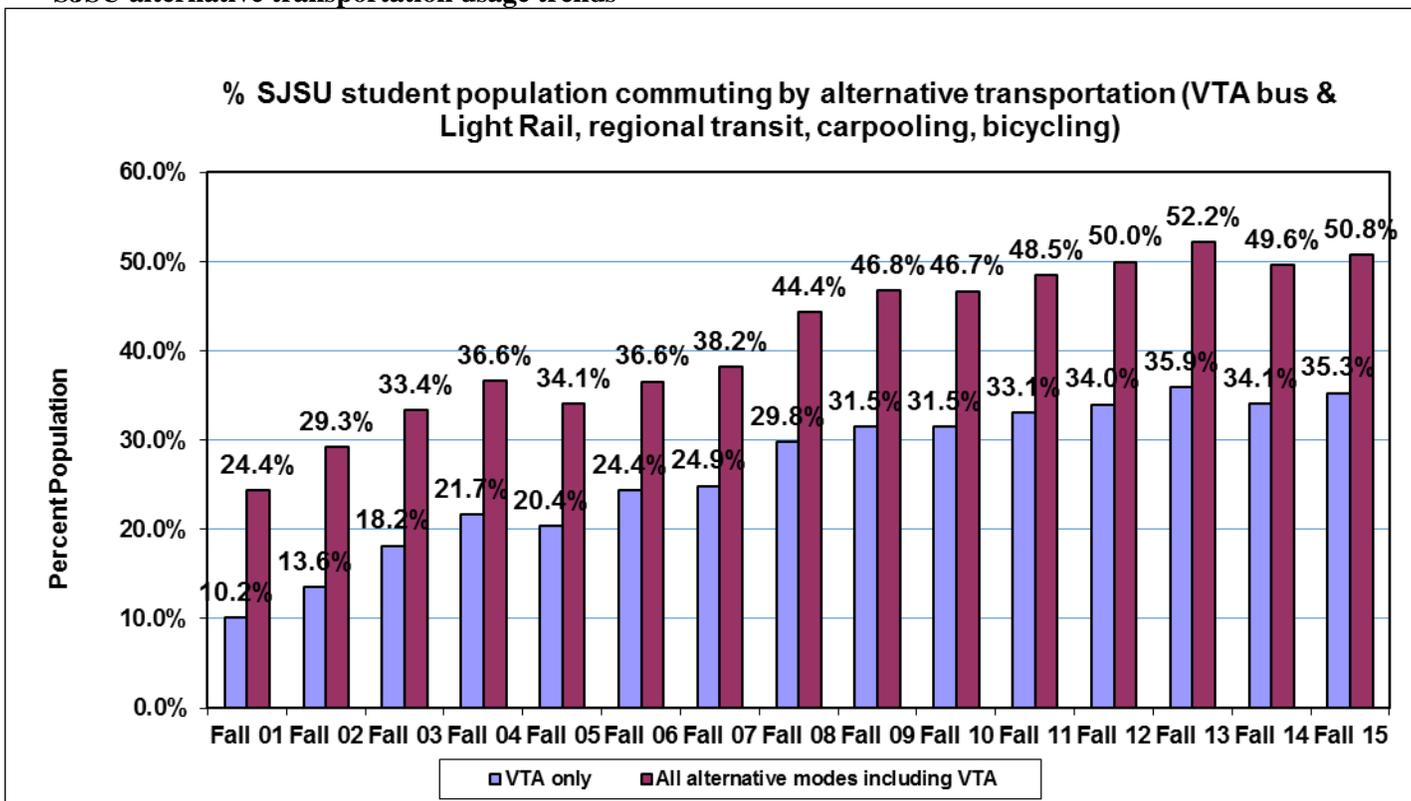
The survey was carried out from November 2<sup>nd</sup> through 14<sup>th</sup>. The survey's link was sent to 36,165 students (Regular enrollment, Open University, Special Sessions, etc.); 4,846 participated at a response rate of 13.4%.

The survey instrument was the same as previous years and as before, the results proved TS effectiveness in reducing reliance on single occupant vehicles and meeting the modal shift targets.

#### 1.1 Analysis

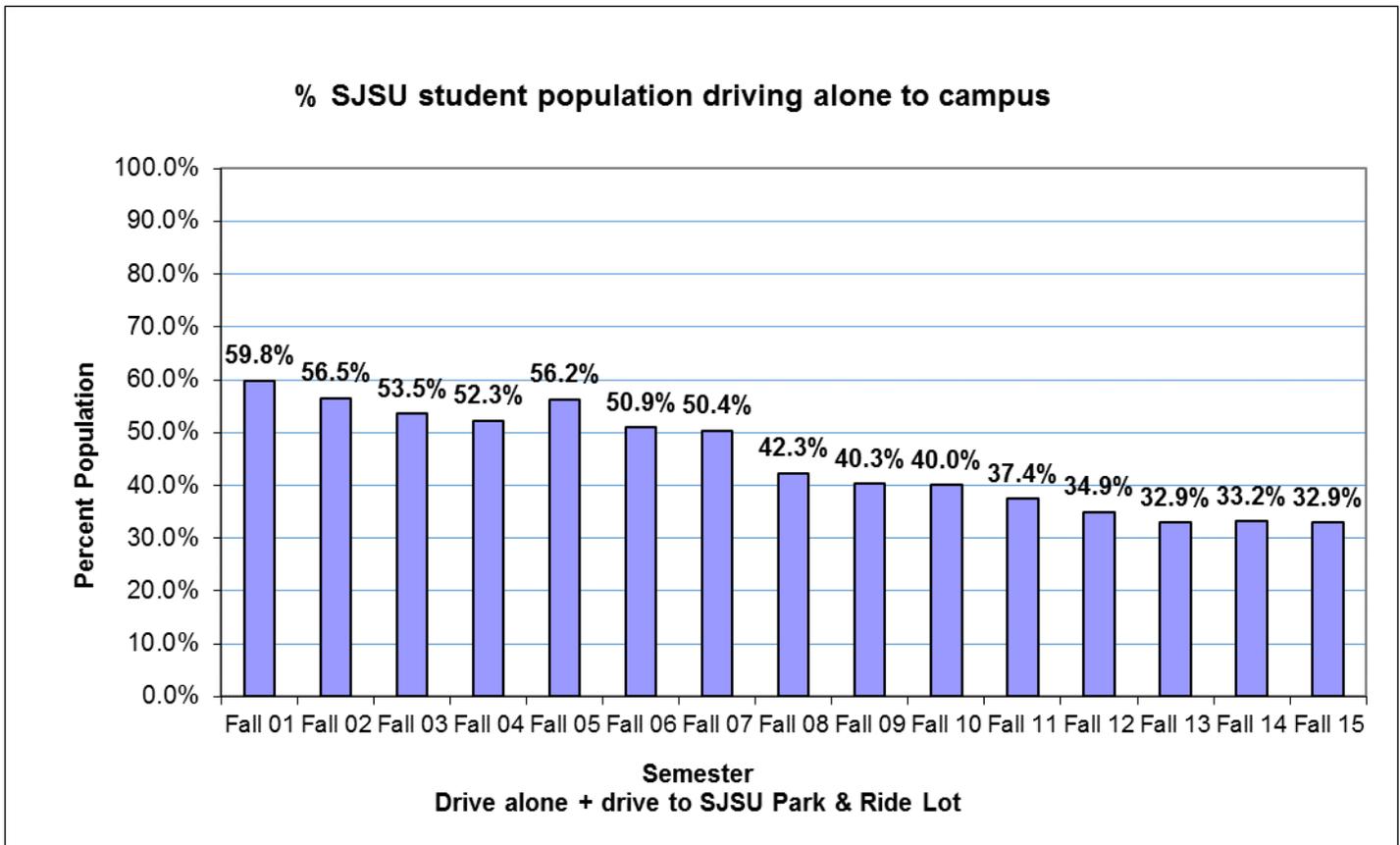
This survey produced consistencies in all response ratios compared with the previous years' results. The overall alternative transportation usage was at 50.8%. Extrapolated over the population of 36,165, the total alternative transportation users were estimated at 18,372. The Santa Clara Valley Transportation Authority (VTA) ridership to campus was 35.3% or 12,759 riders in 2015. The overall VTA ridership increased 1.2% compared with 2014 which was at 34.1%.

**SJSU alternative transportation usage trends**

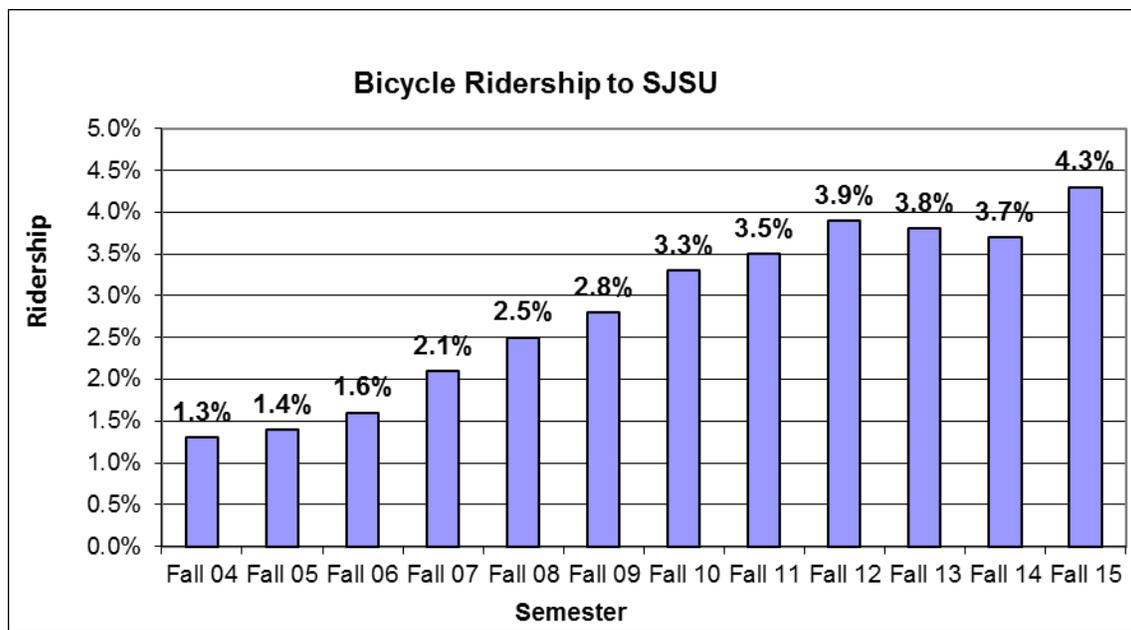


(Regional transit include: Caltrain, BART, Highway 17 Express, Altamont Commuter Express (ACE) train, Amtrak Capitol Corridor and Monterey-Salinas Transit).

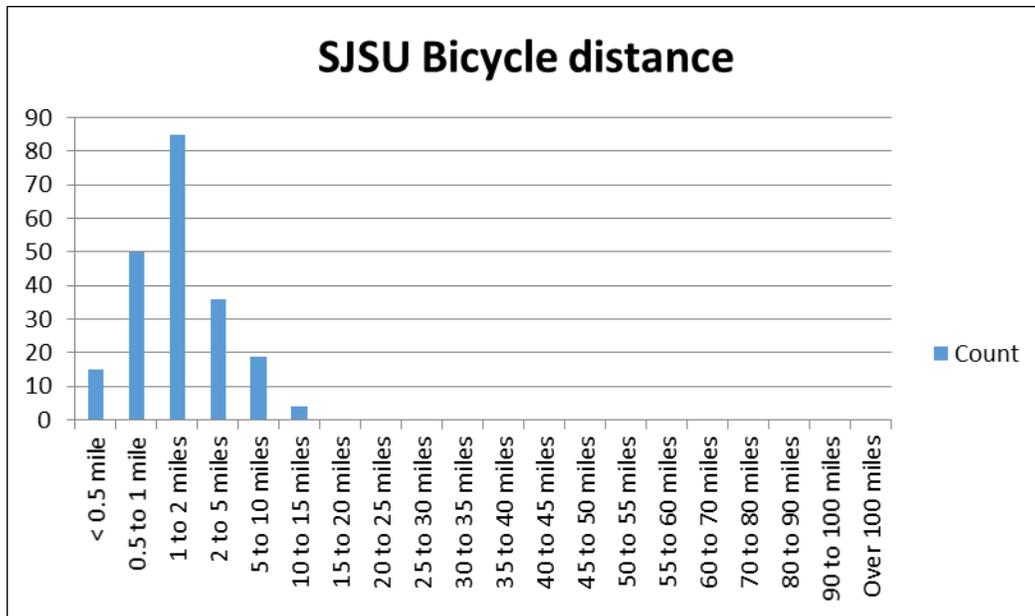
The total transit users including VTA (35.3%) and regional transit (5.5%) made up 40.8% or 14,755 riders. The solo-driving to campus decreased 0.3 from 33.2% in 2014 to 32.9% in 2015. The chart below shows the decrease in drive-alone rate to campus among SJSU students since fall 2001.



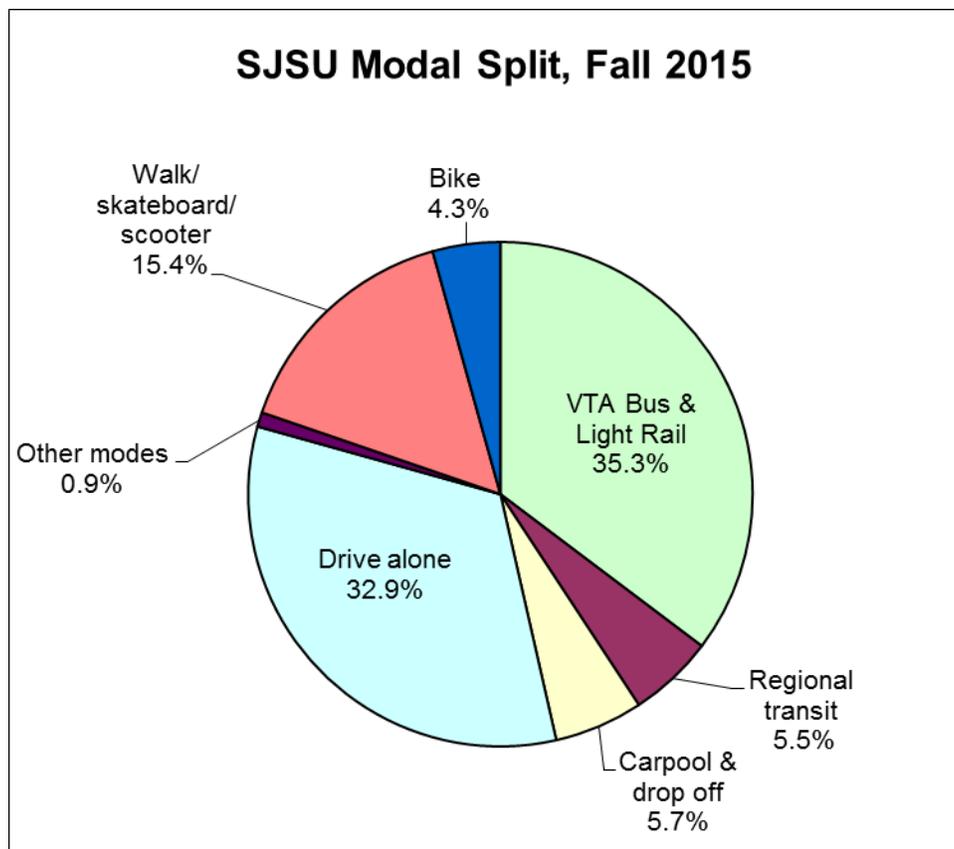
Bicycling to SJSU has been on the rise for some time as the following chart indicates. In 2015, 4.3% of the population or about 1,567 biked to campus, a 0.6% increase from 2014.



The average biking distance to SJSU was 2.3 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: 3.99 days per week, from the results of Question 4

- b) Average one-way trip distance (home to campus): 12.9 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) 2015</b>
ACE	47.6
Amtrak Capitol Corridor	29.3
BART	36.4
Bicycle	2.3
Bus (VTA)	9.8
Light Rail (VTA)	11.0
Caltrain	33.7
Carpool	20.6
Drop off	12.1
Hwy 17 Express	35.4
Monterey-Salinas Transit Bus 55	42.5

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

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2015</b>
Drive-alone	17.3
Drive to Park & Ride	16.2

- d) Average walking, skateboard/scooter distance:

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2015</b>
Walk	0.7
Skateboard/scooter	0.6

- e) Other

<b>Transportation Mode</b>	<b>Average one-way distance (mile) 2015</b>
Motorcycle	13.3
Outreach	9.3

- f) The overall average frequency of travel using alternative transportation was 3.7 days/week or estimated 157 days/year. 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
ACE	3.7	155
Amtrak Capitol Corridor	3.9	164
BART	3.8	160
Bicycle	4.3	181
Bus (VTA)	4.1	172
Light Rail (VTA)	4.0	168
Caltrain	3.7	155
Carpool	3.6	151
Drop off	3.8	160
Hwy 17 Express	3.3	139
Monterey-Salinas Transit (Bus 55)	3.0	126
<b>Average</b>	<b>3.7</b>	<b>157</b>

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

Drive-alone	3.5	147
Drive to Park & Ride	3.7	155
<b>Average</b>	<b>3.6</b>	<b>151</b>

h) Average walking, skateboard/scooter days:

Walk	5.0	210
Skateboard/Scooter	5.0	210

i) Other

Motorcycle	3.4	143
Outreach (VTA)	4.5	189

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 36,165 enrollment:

- Drive-alone plus Drive to Park & Ride was 32.9% or 11,893,
- Carpool & drop off 5.7% or 2,059,
- Bike 4.3% or 1,567,
- Walk/skateboard/scooter 15.4% or 5,574
- Other modes 0.9% or 336

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	4.9%	4.6%	-0.3%
B. Carpool	4.0%	3.5%	-0.5%
C. I get dropped off	13.7%	3.7%	-10.1%
D. Drive alone (including to SJSU Park & Ride and motorcycle)	21.7%	14.1%	-7.6%
E. VTA bus/light rail	30.2%	53.1%	+22.9%
F. Regional train/bus (including Caltrain, Hwy 17 Express, ACE, Amtrak)	4.4%	4.7%	0.3%
G. I live on/near campus so I walk/skateboard/scooter	21.1%	16.4%	-4.7%

- l) Net reduction in vehicle trips to campus (based upon prior travel mode):  
 The TS effectiveness in reducing drive-alone rate in 2015 was 7.6%.  
 Population 36,165 x 7.6% decrease in drive-alone = 2,748 cars x 2 trips/day = 5,496 trips/day
- m) 21.2% (3,568) of the alternative transportation users drove-alone to an initial transit stop or carpool pick up site (Question 11). Calculations: 21.2% x {Total transit riders (40.7%) + Total carpools (5.7%)} x 36,165 = 3,568
- 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	1.1
C. Bus/light rail/train/ferry	2.4
D. Carpool	3.2
E. Drop off	2.4
F. Drive alone	3.6
G. Motorcycle	0

Also other important results include:

- 52.8% of the new students use alternative transportation to campus (Q2xQ5). VTA ridership among new students was at 35.5%.
- 32.3% of the commuters who always have access to a car and 74.3% 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 2015  
 Response Status: 4,846 Completes  
 Filter: No filter applied  
 November 2 - 14, 2015

1. Enter contact information for prize notification:	Count	Fall 15	Fall 14	Fall 13	Fall 12
First & last name	4,811	99.9%	99.9%	99.9%	99.9%
Email address	4,800	99.6%	99.6%	99.8%	99.9%
Answered question	4,812				
Skipped question	34				

2. Is this your first semester at SJSU?	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	1,610	33.2%	36.2%	42.2%	40.3%	40.0%	35.4%	30.1%	31.7%	37.6%	33.8%	36.4%
No	3,236	66.8%	63.8%	57.8%	59.7%	60.0%	64.6%	69.9%	68.3%	62.4%	66.2%	63.6%
<b>Total</b>	<b>4,846</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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Always	2,637	54.4%	56.4%	56.4%	59.6%	61.7%	64.8%	67.0%	71.9%	74.9%	76.3%	79.7%
B. Sometimes	943	19.5%	18.3%	18.0%	18.7%	17.0%	16.2%	16.0%	12.9%	12.4%	11.7%	10.9%
C. Never	1,266	26.1%	25.3%	25.6%	21.7%	21.2%	18.9%	17.0%	15.2%	12.7%	11.9%	9.4%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											

4. In a typical week, how many days do you come to SJSU?	Count	Fall 15	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	180	3.7%	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	657	13.6%	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	584	12.1%	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	1,847	38.1%	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	1,074	22.2%	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	205	4.2%	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	299	6.2%	7.3%	5.9%	7.0%	6.5%	4.0%	5.2%	5.4%	4.7%	4.8%	4.5%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											

<b>Average frequency of travel to campus</b>	<b>3.99</b>	<b>Days/week</b>	3.98	3.98	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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. ACE train	43	0.9%	1.0%	0.69%	0.5%	0.6%	0.5%	0.5%	0.4%	0.1%	0.2%	0.2%
B. Amtrak Capitol Corridor/Thruway Bus	7	0.1%	0.3%	0.17%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%
C. BART + connecting mode (e.g. VTA Bus 181)	79	1.6%	1.7%	1.82%	1.6%	1.4%	1.2%	1.1%	1.1%	0.7%	0.8%	0.7%
D. Bicycle	210	4.3%	3.7%	3.79%	3.9%	3.5%	3.3%	2.8%	2.5%	2.1%	1.6%	1.4%
E. Bus (VTA)	1,026	21.2%	19.6%	20.00%	18.5%	17.1%	16.5%	16.8%	13.8%	11.1%	10.2%	9.2%
F. Light Rail (VTA)	684	14.1%	14.5%	15.86%	15.5%	16.0%	15.0%	14.7%	16.0%	13.8%	13.4%	10.5%
G. Caltrain	96	2.0%	1.5%	1.79%	2.0%	1.6%	1.5%	2.2%	2.4%	2.2%	2.5%	1.9%
H. Carpool	145	3.0%	3.5%	3.62%	3.1%	3.4%	3.7%	4.1%	4.0%	4.4%	4.0%	5.1%
I. I get dropped off	131	2.7%	2.6%	3.01%	3.7%	3.7%	3.7%	3.2%	2.5%	2.4%	2.5%	2.7%
J. Drive alone	1,464	30.2%	31.2%	29.73%	32.0%	34.7%	37.7%	36.6%	38.4%	46.2%	47.3%	52.0%
K. Drive to Park & Ride Lot and take SJSU Shuttle	130	2.7%	2.0%	3.15%	2.9%	2.8%	2.3%	3.6%	3.9%	4.2%	3.6%	4.2%
L. Highway 17 Express bus	37	0.8%	1.1%	1.30%	1.2%	1.0%	1.0%	1.1%	1.6%	1.3%	1.3%	1.5%
M. Monterey-Salinas Transit bus line 55 or 79	2	0.0%	0.1%	0.03%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	
N. Motorcycle	32	0.7%	0.6%	0.38%	0.5%	0.5%	0.6%	0.6%	0.7%	0.6%	0.7%	0.6%
O. Outreach (VTA)	13	0.3%	0.4%	0.38%	0.2%	0.3%	0.2%	0.2%	0.2%	0.0%	0.2%	0.2%
P. Skateboard/scooter	67	1.4%	1.2%	1.07%	1.1%	0.6%	0.5%	0.5%	0.5%	0.4%	0.2%	0.0%
Q. Walk, (live on/near campus)	680	14.0%	14.9%	13.20%	13.3%	12.6%	12.0%	11.6%	12.0%	10.4%	11.3%	9.6%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.00%</b>	<b>100.0%</b>							
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 15	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%	0.0%	0.5%	0.8%	0.3%	0.4%	0.1%			
22	150	12.1%	13.2%	13.0%	12.8%	11.5%	11.1%	9.5%	10.0%	13.4%	14.1%	12.7%
23	95	7.6%	10.2%	9.1%	8.4%	10.5%	12.8%	10.4%	11.5%	9.4%	9.2%	9.5%
63	28	2.3%	2.5%	2.3%	2.4%	2.8%	2.7%	2.1%	3.7%	3.3%	2.5%	2.6%
64	96	7.7%	7.1%	8.9%	7.8%	8.0%	8.7%	6.8%	9.4%	1.9%	1.9%	3.4%
65	31	2.5%	2.2%	1.9%	1.2%	0.7%	0.9%	0.7%	0.6%	3.1%	3.4%	4.4%
66	88	7.1%	6.5%	5.4%	7.4%	5.9%	8.4%	7.9%	7.2%	2.9%	3.8%	4.4%
68	42	3.4%	1.4%	3.4%	2.8%	2.7%	3.1%	1.5%	1.5%	2.6%	1.9%	3.0%
72	141	11.3%	10.8%	9.4%	7.8%	9.7%	7.0%	7.0%	6.0%	5.8%	4.8%	5.6%
73	101	8.1%	6.6%	6.8%	6.1%	8.6%	7.8%	9.9%	8.5%	8.0%	5.3%	4.8%
81	37	3.0%	3.1%	2.4%	2.4%	3.7%	3.8%	4.8%	4.2%	8.4%	9.4%	10.1%
82	12	1.0%	1.4%	0.8%	1.8%	0.9%	1.0%	1.0%	0.6%	1.0%	1.7%	2.2%
168	21	1.7%	2.4%	2.6%	1.8%	2.4%	1.3%	3.1%	2.8%			
180	0	0.0%	0.0%	0.0%	0.1%	0.1%	0.8%	0.7%	8.2%	18.5%	19.1%	17.5%
181	213	17.1%	17.7%	19.0%	17.2%	17.3%	13.4%	13.1%	6.4%			
304	0	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%	0.4%	0.1%	0.2%	0.2%	0.2%
323	47	3.8%	3.6%	1.6%	2.8%	0.0%						
522	118	9.5%	8.3%	11.5%	14.2%	11.8%	14.7%	17.6%	15.6%	17.3%	17.9%	16.1%
DASH	23	1.9%	2.9%	1.7%	2.4%	2.5%	2.3%	3.2%	3.3%	2.7%	1.7%	2.0%
<b>Total</b>	<b>1,243</b>	<b>100.0%</b>										
Skipped question	3,603											

<b>7. Your trip to SJSU normally starts from:</b>	Count	Fall 15	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	4,433	91.5%	91.4%	91.8%	90.5%	90.2%	88.7%	88.5%	87.0%	86.9%	86.3%	85.4%
B. Work	314	6.5%	6.6%	6.2%	7.0%	7.8%	8.9%	9.2%	11.0%	11.2%	12.3%	13.0%
C. Other location	99	2.0%	2.1%	2.0%	2.5%	2.0%	2.4%	2.3%	2.0%	1.9%	1.5%	1.7%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											

<b>8. Where do you go after leaving the University?</b>	Count	Fall 15	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	4,163	85.9%	86.6%	87.5%	86.1%	86.8%	87.0%	87.6%	85.9%	83.1%	83.6%	82.7%
B. Work	530	10.9%	11.1%	9.4%	10.2%	10.1%	9.9%	9.1%	11.3%	13.9%	13.2%	14.2%
C. Other location	153	3.2%	2.3%	3.1%	3.7%	3.1%	3.1%	3.3%	2.9%	2.9%	3.1%	3.2%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											

<b>9. How far is your daily one-way trip to SJSU?</b>	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
less than 0.5 mile	521	10.8%	12.7%	11.7%	12.1%	11.0%	9.4%	9.4%	9.5%	8.7%	9.6%	7.4%
0.5 to 1 mile	345	7.1%	6.1%	6.0%	4.6%	4.9%	5.2%	4.3%	4.5%	3.6%	4.1%	2.7%
1 to 2 miles	378	7.8%	6.9%	4.5%	4.4%	4.4%	4.3%	4.6%	4.4%	3.5%	2.5%	2.7%
2 to 5 miles	579	11.9%	11.9%	11.9%	10.9%	10.9%	10.8%	10.0%	9.8%	8.7%	9.0%	8.5%
5 to 10 miles	1075	22.2%	21.6%	22.6%	21.8%	24.1%	21.7%	23.0%	22.8%	24.2%	21.6%	22.8%
10 to 15 miles	648	13.4%	14.2%	14.9%	16.7%	15.6%	17.7%	16.5%	16.8%	17.0%	18.1%	18.4%
15 to 20 miles	310	6.4%	5.7%	7.1%	6.7%	7.8%	8.3%	7.7%	8.1%	9.0%	8.8%	9.3%
20 to 25 miles	240	5.0%	4.3%	4.5%	4.5%	4.7%	4.7%	5.4%	5.4%	5.9%	6.2%	6.0%
25 to 30 miles	171	3.5%	3.8%	3.8%	4.2%	3.7%	4.0%	4.8%	4.1%	4.5%	4.5%	4.9%
30 to 35 miles	142	2.9%	3.4%	3.4%	3.4%	3.4%	3.6%	3.7%	3.8%	3.9%	4.0%	4.4%
35 to 40 miles	104	2.1%	2.1%	2.5%	3.0%	2.3%	2.4%	2.8%	3.5%	3.1%	2.8%	3.2%
40 to 45 miles	69	1.4%	1.4%	1.4%	1.7%	1.4%	1.9%	2.2%	1.6%	1.7%	2.0%	2.1%
45 to 50 miles	70	1.4%	1.5%	1.5%	1.7%	1.4%	1.8%	1.5%	1.7%	1.7%	1.8%	2.1%
50 to 55 miles	52	1.1%	1.4%	1.2%	1.5%	1.4%	1.2%	1.1%	1.4%	1.4%	1.6%	1.6%
55 to 60 miles	49	1.0%	0.9%	0.9%	1.0%	1.1%	1.1%	0.9%	0.8%	0.9%	1.4%	1.3%
60 to 70 miles	33	0.7%	0.7%	0.8%	1.0%	1.2%	0.6%	1.0%	0.9%	1.1%	0.9%	1.0%
70 to 80 miles	15	0.3%	0.6%	0.6%	0.3%	0.4%	0.6%	0.5%	0.2%	0.5%	0.4%	0.6%
80 to 90 miles	16	0.3%	0.3%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.3%
90 to 100 miles	10	0.2%	0.6%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%	0.2%	0.5%	0.8%
Over 100 miles	19	0.4%										
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											
<b>Average one-way trip distance</b>	<b>12.9 Miles</b>		13.2	13.4	14.0	13.7	14.4	14.7	14.6	15.3	15.7	16.8

<b>10. How long is your daily one-way trip to campus?</b>	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
less than 5 minutes	392	8.1%	10.0%	8.4%	9.5%	9.1%	7.9%	7.8%	7.3%	7.2%	8.1%	7.2%
5 to 10 minutes	466	9.6%	9.6%	9.1%	9.3%	9.3%	9.2%	9.3%	8.9%	7.8%	8.1%	7.8%
10 to 15 minutes	649	13.4%	12.7%	13.2%	12.2%	13.1%	14.6%	13.9%	14.4%	13.0%	13.1%	13.8%
15 to 20 minutes	737	15.2%	15.2%	14.7%	14.5%	15.8%	16.9%	16.2%	16.1%	17.3%	15.8%	18.5%
20 to 30 minutes	809	16.7%	15.8%	17.0%	17.2%	17.1%	15.8%	17.2%	17.0%	18.5%	18.2%	17.7%
30 to 40 minutes	525	10.8%	10.8%	11.5%	11.3%	11.7%	11.7%	11.2%	11.5%	12.2%	11.8%	11.8%
40 to 50 minutes	435	9.0%	8.0%	8.6%	8.8%	8.1%	8.5%	9.1%	8.8%	7.9%	8.4%	9.0%
50 to 60 minutes	236	4.9%	5.6%	5.5%	6.0%	5.8%	5.3%	5.8%	5.8%	6.0%	5.9%	5.1%
1 hr. to 1 hr. 15 mins.	236	4.9%	5.1%	5.4%	4.8%	4.4%	4.5%	4.0%	5.1%	4.3%	4.9%	4.3%
1 hr. 15 mins. to 1 hr. 30 mins.	143	3.0%	3.0%	2.7%	2.6%	2.5%	2.4%	2.4%	2.2%	2.4%	2.3%	2.0%
1 hr. 30 mins. to 1 hr. 45 mins.	73	1.5%	1.5%	1.2%	1.5%	1.0%	1.1%	1.1%	1.1%	1.4%	1.2%	1.2%
1 hr. 45 mins. to 2 hrs.	58	1.2%	1.1%	1.3%	0.9%	1.0%	0.8%	0.7%	0.6%	0.8%	0.9%	0.6%
2 hrs. to 2 hr. 30 mins.	45	0.9%	0.8%	0.8%	0.8%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%
2 hrs. 30 mins. to 3 hrs.	18	0.4%	0.4%	0.3%	0.3%	0.1%	0.3%	0.4%	0.3%	0.3%	0.2%	0.3%
over 3 hrs.	24	0.5%	0.4%	0.5%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%	0.5%	0.3%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											
<b>Average trip time</b>	<b>31 Minutes</b>		31	31	31	29	30	30	30	30	29	29

<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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Walk/skateboard/roller blade/scooter	1193	57.7%	50.4%	52.2%	44.3%	47.2%	44.1%	43.9%	43.1%	39.1%	39.8%	36.9%
B. Bicycle	68	3.3%	5.1%	3.8%	5.4%	4.6%	4.7%	5.0%	4.7%	4.5%	3.4%	3.4%
C. Bus/light rail/train/ferry	115	5.6%	5.3%	5.2%	5.6%	5.9%	5.7%	6.3%	5.3%	6.7%	6.3%	6.2%
D. Carpool	73	3.5%	5.5%	4.9%	4.9%	4.3%	5.6%	5.3%	5.9%	8.5%	5.8%	6.6%
E. I get dropped off	178	8.6%	8.6%	9.9%	10.8%	9.9%	9.5%	9.0%	6.8%	7.1%	7.0%	9.1%
F. Drive alone	439	21.2%	25.0%	23.9%	28.8%	27.9%	30.5%	30.2%	34.1%	34.0%	37.5%	37.6%
G. Motorcycle	0	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%	0.3%	0.1%	0.1%	0.2%	0.3%
<b>Total</b>	<b>2,066</b>	<b>100.0%</b>										
Skipped question	2,780											

<b>12. How far do you travel to this bus stop, train station or carpool pick-up location (miles)?</b>	Count	Fall 15	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	656	30.9%	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	398	18.8%	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	180	8.5%	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	224	10.6%	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	154	7.3%	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	98	4.6%	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	66	3.1%	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	56	2.6%	3.1%	1.9%	2.9%	2.9%	2.8%	2.8%	3.9%	3.3%	2.1%	3.5%
3 to 4 miles	67	3.2%	2.9%	3.4%	2.9%	2.8%	3.7%	3.1%	2.8%	3.6%	3.5%	3.2%
4 to 5 miles	51	2.4%	2.4%	2.3%	3.1%	3.4%	2.5%	2.7%	3.0%	3.6%	3.4%	4.1%
5 to 6 miles	40	1.9%	2.2%	2.4%	2.2%	1.6%	1.8%	1.8%	2.4%	1.8%	2.3%	1.5%
6 to 8 miles	23	1.1%	1.6%	1.8%	2.0%	1.6%	1.4%	2.0%	1.7%	1.5%	2.0%	2.5%
8 to 10 miles	36	1.7%	1.5%	1.5%	2.2%	1.9%	2.1%	1.8%	2.3%	2.5%	2.7%	2.1%
Over 10 miles	71	3.3%	3.2%	4.0%	3.0%	3.5%	3.3%	3.8%	4.3%	5.3%	4.4%	5.1%
<b>Total</b>	<b>2,120</b>	<b>100.0%</b>										
Skipped question	2,726											
<b>Average distance</b>	<b>1.5 Miles</b>		1.5	1.6	1.7	1.6	1.6	1.7	1.8	2.0	1.8	1.8

<b>13. Do you know about "Spare the Air Days"?</b>	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	2,677	55.2%	54.8%	52.6%	60.7%	63.1%	67.5%	66.7%	69.0%	69.6%	70.8%	59.9%
No	2,169	44.8%	45.2%	47.4%	39.3%	36.9%	32.5%	33.3%	31.0%	30.4%	29.2%	40.1%
<b>Total</b>	<b>4,846</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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	1364	29.0%	37.3%	35.1%	33.4%	33.3%	35.1%	35.3%	31.2%	31.6%	28.4%	23.9%
No	3335	71.0%	62.7%	64.9%	66.6%	66.7%	64.9%	64.7%	68.8%	68.4%	71.6%	76.1%
<b>Total</b>	<b>4,699</b>	<b>100.0%</b>										
Skipped question	147											

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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Website	487	10.0%	8.7%	8.9%	8.5%	7.5%	7.3%	7.2%	8.2%	6.5%	6.6%	6.1%
B. Student Orientation	1684	34.8%	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	116	2.4%	2.8%	2.8%	2.7%	2.7%	2.4%	2.0%	1.7%	1.6%	1.9%	1.5%
D. Email	1096	22.6%	16.1%	15.3%	14.9%	11.2%	10.1%	9.4%	8.1%	7.4%	9.7%	12.3%
E. Friend, classmate, colleague	685	14.1%	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	409	8.4%	14.8%	17.4%	19.4%	24.6%	30.1%	29.8%	32.1%	37.0%	34.6%	32.9%
G. Poster/sign/brochure	76	1.6%	1.1%	1.2%	1.3%	1.7%	1.3%	1.2%	1.4%	1.6%	1.1%	1.6%
H. Spartan Daily	19	0.4%	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	274	5.7%	5.7%	6.6%	6.1%	7.6%	6.9%	6.9%	9.9%	10.2%	10.6%	13.5%
<b>Total</b>	<b>4,846</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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
Yes	3,389	69.9%	71.7%	69.3%	67.5%	65.4%	67.4%	65.5%	62.5%	55.8%	53.6%	47.6%
No	1,457	30.1%	28.3%	30.7%	32.5%	34.6%	32.6%	34.5%	37.5%	44.2%	46.4%	52.4%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											

<b>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.</b>	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Bicycle	167	4.9%	4.5%	4.5%	4.4%	4.7%	3.0%	3.1%	2.8%	2.3%	1.7%	2.5%
B. Carpool	135	4.0%	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	467	13.7%	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)	738	21.7%	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	1029	30.2%	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)	149	4.4%	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	717	21.1%	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>3,402</b>	<b>100.0%</b>										
Skipped question	1,444											

<b>18. If yes to Question 16, how do/did you commute to the University after using TS services or AS Eco Pass?</b>	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Bicycle	156	4.6%	3.9%	4.3%	4.6%	4.8%	3.8%	3.6%	3.3%	3.3%	2.3%	2.8%
B. Carpool	117	3.5%	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	124	3.7%	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)	478	14.1%	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	1,799	53.1%	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)	159	4.7%	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	555	16.4%	17.6%	15.1%	17.6%	14.8%	15.0%	14.8%	14.2%	13.5%	15.0%	12.0%
<b>Total</b>	<b>3,388</b>	<b>100.0%</b>										
Skipped question	1,458											

<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 15	Fall 14	Fall 13	Fall 12	Fall 11
A. Have no other way	627	21.7%	19.7%	22.0%	16.9%	21.0%
B. Ability to use Tower Card + Eco Pass	738	25.5%	23.9%	23.6%	23.0%	17.5%
C. Ability to buy discounted transit passes at TS	24	0.8%	1.1%	0.6%	0.5%	
D. Because of "Spare the Air" Announcements	18	0.6%	0.5%	0.3%	0.6%	0.4%
E. Allows someone else to use the car	62	2.1%	2.1%	2.4%	2.3%	2.5%
F. Avoid traffic and parking hassles	536	18.6%	18.9%	17.9%	16.9%	16.5%
G. Avoid paying for parking	343	11.9%	14.1%	13.6%	14.1%	17.2%
H. Avoid paying for gas	166	5.7%	8.0%	9.2%	13.3%	10.6%
I. Good for the environment	119	4.1%	3.9%	3.8%	4.6%	5.0%
J. Saves time	92	3.2%	2.3%	1.2%	2.6%	2.4%
K. I can read or study	58	2.0%	1.9%	1.9%	1.7%	2.0%
L. I don't like to drive	62	2.1%	2.5%	2.0%		
M. I like taking transit or carpooling with others	44	1.5%	1.2%	1.3%		
Other, please specify					3.5%	5.0%
<b>Total</b>	<b>2,889</b>	<b>100.0%</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 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. Employed full-time	486	10.0%	11.1%	9.5%	10.3%	12.4%	13.2%	14.0%	18.8%	18.9%	20.6%	21.2%
B. Employed part-time	2299	47.4%	46.6%	43.4%	45.8%	43.7%	43.6%	42.9%	45.1%	46.7%	46.7%	46.8%
C. Not employed	2061	42.5%	42.3%	47.0%	43.9%	44.0%	43.2%	43.2%	36.2%	34.4%	32.6%	32.0%
<b>Total</b>	<b>4,846</b>	<b>100.0%</b>										
Skipped question	0											

<b>21. If you're employed, where do you work?</b>	Count	Fall 15	Fall 14	Fall 13	Fall 12	Fall 11	Fall 10	Fall 09	Fall 08	Fall 07	Fall 06	Fall 05
A. On campus	491	17.4%	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)	146	5.2%	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)	2179	77.4%	76.9%	77.6%	78.6%	79.1%	80.4%	82.0%	83.1%	85.1%	84.1%	87.4%
<b>Total</b>	<b>2,816</b>	<b>100.0%</b>										
Skipped question	2,030											

<b>22. What is your class level:</b>	Count	Fall 15	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)	597	12.3%	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)	481	9.9%	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)	1287	26.6%	25.4%	27.3%	29.1%	27.8%	25.6%	27.1%	26.7%	27.0%	25.7%	30.1%
D. Senior (90+ units)	1332	27.5%	26.3%	24.2%	25.2%	24.8%	27.6%	26.1%	26.1%	22.2%	25.1%	22.3%
E. Second Baccalaureate	9	0.2%	0.2%	0.3%	0.3%	0.6%	0.7%	0.9%	2.0%	2.5%	2.2%	2.3%
F. Credential	73	1.5%	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	992	20.5%	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	70	1.4%	1.7%	1.0%	1.1%	1.2%	1.4%	1.5%	1.1%	1.3%	1.6%	1.0%
I. Non student - employee	5	0.1%	0.3%	0.0%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%
<b>Total</b>	<b>4,846</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 15	Fall 14	Fall 13	Fall 12	Fall 11
A. Service is slow / it takes too long	1058	40.8%	38.7%	39.9%	32.5%	30.3%
B. Require transfers	91	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	305	11.8%	12.1%	12.0%	15.4%	15.8%
D. Concerns about personal safety	283	10.9%	11.1%	13.3%	10.4%	12.1%
E. Concerns about cleanliness, or general comfort	133	5.1%	4.8%	3.4%	2.9%	3.1%
F. Service is not reliable (transit not running on time)	127	4.9%	5.6%	5.1%	3.8%	3.4%
G. Transit is too expensive	64	2.5%	1.7%	2.2%	1.7%	1.3%
H. Transit is not an option for me / I have complicated commute	366	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	165	6.4%	6.8%	6.5%		
Other, please specify					24.0%	24.2%
<b>Total</b>	<b>2,592</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.1%</b>	<b>100.0%</b>
Skipped question	2,254					