# SJSU Transportation Solutions Fall 2009 Student Commute Survey Report 

## 1 Survey

Transportation Solutions (TS) completed its ninth annual survey administered at the end of fall 2009 semester. This was TS's seventh online survey using zoomerang.com. The survey provided significant results that prove this department's effectiveness in reducing reliance on single occupant vehicles and meeting the modal shift targets.

The survey instrument was the same as the one used in the fall 2008 commute survey. The survey questionnaire was approved by TS grant source, the Bay Area Air Quality Management District's Transportation Fund for Clean Air (TFCA Regional Funds).

The survey was carried out from November $2^{\text {nd }}$ through $14^{\text {th }}, 2009$. It was placed on the web and an email with the survey's link was sent to 31,280 people, 4,117 participated with a response rate of $13 \%$.

### 1.1 Analysis

This survey produced consistencies in all response ratios compared with the previous years' results. The overall alternative transportation usage increased by $2.4 \%$ from $44.4 \%$ in 2008 to $46.8 \%$ in 2009. Extrapolated over the population of 31,280 , alternative transportation users were estimated at 14,639 .

The local transit (VTA) ridership to campus increased to $31.5 \%$, or 9,853 riders, a $1.7 \%$ increase since 2008.

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 chart below shows the decrease in drive-alone rate to campus among SJSU students since fall 2001.


In 2008 a major milestone was reached. It was the first time the drive-alone rate dropped below $50 \%$ and this trend continued in 2009. The solo-driving to campus decreased from $42.3 \%$ in 2008 to $40.3 \%$ in 2009. The total transit users (local and regional) made up $36.6 \%$ or 11,448 people, an increase of $1.1 \%$.

Biking to SJSU is also on the rise as the following chart indicates:


The following chart shows the current commute situation at SJSU:

## Commute Modes to SJSU, fall 2009



Some of the other significant findings are as follows:
a) Average frequency of travel to campus: 3.76 days per week, from the results of Question 4
b) One-way trip distance (home to campus): 14.7 miles (average), from the results of Question 9. The TS GIS technician also calculated this average to be 14.3 miles using the student address data. This was done by running the student population address data through the GIS Network Analyst software application. It should be noted that the Network Analyst finds the shortest path between the student residence and SJSU.
c) Number of days per week using transit/carpool/alternative commute mode: 3.83 days/week, from the result of $q 4 \times q 5$
d) Mode of travel when not using transit:

The responses from Questions 5 provide the percentages for all the commute modes. Based on this, of the 31,280 students:

- $40.3 \%$ or 12,606 drive-alone,
- $7.3 \%$ or 2,283 carpool,
- $2.8 \%$ or 876 bike,
- $12.1 \%$ or 3,785 walk
- $0.9 \%$ or 282 use other modes
e) Mode of travel prior to use of SJSU-Associated Students services: The results of questions 17 and 18 , mode of transportation before and after using TS services, show TS effectiveness with $10 \%$ decrease in drive-alone rate.
f) Net reduction in vehicle trips to campus (based upon prior travel mode): Population 31,280 x 10\% decrease in drive-alone $=3,128$ cars $\times 2$ trips $/$ day $=6,256$ trips/day

Other important results include:

- $51.2 \%$ of the new students use alternative transportation to campus (q2xq5), a $3.2 \%$ increase since 2008.
- $35.4 \%$ of the people who always have access to a car and $78.4 \%$ 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 Zoomerang Survey Results

San Jose State University
Transportation Survey
Fall 2009
Response Status: 4,117
Completes | 12 Partials
Filter: No filter applied
Nov 16, 2009 1:10 PM PST

| 1. Enter contact information for prize notification: |
| :--- |
| 4014 Responses |

Fall 09 Fall 08 Fall 07 Fall 06 Fall 05
To 1 decimal point

| 2. Is this your first semester at SJSU? |  |  |
| :--- | :---: | :---: |
| Yes | 1244 | $30 \%$ |
| No | 2884 | $70 \%$ |
| Total | 4128 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $30.1 \%$ | $31.7 \%$ | $37.6 \%$ | $33.8 \%$ | $36.4 \%$ |
| $69.9 \%$ | $68.3 \%$ | $62.4 \%$ | $66.2 \%$ | $63.6 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 3. Do you have a car available for getting to San Jose   <br> State University (SJSU)?   <br> A. Always   <br> B. Sometimes   <br> C. Never   <br> Total  $\frac{662}{}$ |  |  |
| :--- | :---: | :---: |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $67.0 \%$ | $71.9 \%$ | $74.9 \%$ | $76.3 \%$ | $79.7 \%$ |
| $16.0 \%$ | $12.9 \%$ | $12.4 \%$ | $11.7 \%$ | $10.9 \%$ |
| $17.0 \%$ | $15.2 \%$ | $12.7 \%$ | $11.9 \%$ | $9.4 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 4. In a typical week, how many days do you come to |  |  |
| :--- | :---: | :---: |
| SJSU? | 198 | $5 \%$ |
| A. One day a week | 719 | $17 \%$ |
| B. Two days a week | 590 | $14 \%$ |
| C. Three days a week | 1523 | $37 \%$ |
| D. Four days a week | 778 | $19 \%$ |
| E. Five days a week | 107 | $3 \%$ |
| F. Six days a week | 213 | $5 \%$ |
| G. Seven days a week | 4128 | $100 \%$ |
| Total | $\mathbf{3 . 7 6}$ | Days per <br> week |
| Average frequency of <br> travel to campus |  |  |


| 5. In a typical week, which transportation mode do you <br> mostly use to come to SJSU? (Mark only one mode you <br> use in the longest part of your trip to campus) |  |  |
| :--- | :---: | :---: |
| A. ACE train |  | 21 |
| B. Amtrak/Capitol Corridor/Thruway Bus |  | $1 \%$ |
| C. BART + connecting mode (e.g. VTA <br> Bus 180/181) | 7 | $0 \%$ |
| D. Bicycle | 46 | $1 \%$ |
| E. Bus (VTA) | 117 | $3 \%$ |
| F. Light Rail (VTA) | 695 | $17 \%$ |
| G. Caltrain | 606 | $15 \%$ |
| H. Carpool with other SJSU students or <br> employees | 89 | $2 \%$ |
| I. I get dropped off | 170 | $4 \%$ |
| J. Drive alone | 133 | $3 \%$ |
| K. Drive to Park \& Ride Lot and take <br> SJSU Shuttle | 1512 | $37 \%$ |
| L. Highway 17 Express bus | 150 | $4 \%$ |
| M. Monterey Salinas Transit bus line 55 <br> or 79 | 44 | $1 \%$ |
| N. Motorcycle | 5 | $0 \%$ |
| O. Outreach (VTA) | 25 | $1 \%$ |
| P. Skateboard/roller blade/scooter | 7 | $0 \%$ |
| Q. Walk, (live on/near campus) | 22 | $1 \%$ |
| Total | 479 | 128 |
| $100 \%$ |  |  |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $4.8 \%$ | $5.3 \%$ | $5.8 \%$ | $7.3 \%$ | $6.5 \%$ |
| $17.4 \%$ | $19.4 \%$ | $18.3 \%$ | $18.8 \%$ | $19.2 \%$ |
| $14.3 \%$ | $14.0 \%$ | $14.1 \%$ | $14.2 \%$ | $13.7 \%$ |
| $36.9 \%$ | $33.7 \%$ | $35.3 \%$ | $33.4 \%$ | $33.6 \%$ |
| $18.8 \%$ | $19.4 \%$ | $19.1 \%$ | $18.6 \%$ | $20.3 \%$ |
| $2.6 \%$ | $2.8 \%$ | $2.7 \%$ | $2.8 \%$ | $2.2 \%$ |
| $5.2 \%$ | $5.4 \%$ | $4.7 \%$ | $4.8 \%$ | $4.5 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
|  |  |  |  |  |
| 3.76 | 3.72 | 3.71 | 3.65 | 3.66 |

Fall 09
$0.5 \%$

$0.2 \%$

$1.1 \%$
$2.8 \%$
$16.8 \%$
$14.7 \%$
$2.2 \%$

$4.1 \%$
$3.2 \%$
$36.6 \%$

$3.6 \%$
$1.1 \%$

$0.1 \%$
$0.6 \%$
$0.2 \%$
$0.5 \%$
$11.6 \%$

Fall 0
0.4\%


Fall 07
0.1\%

Fall 06
0.2\%
$0.1 \%$
1.1\%
2.5\%
13.8\%
16.0\%
2.4\%
$0.7 \%$
$2.1 \%$
$11.1 \%$
$13.8 \%$
$2.2 \%$
4.0\%
38.4\%
2.
46.
$3.9 \%$

4.2
1.6
$0.1 \%$
0.1\%
0.1\%
0.6\%
0.7\%
0.2\%
$0.2 \%$
11.3\%
100.0\%

Fall 05
0.2\%
$0.1 \%$
0.7\%
1.4\%
9.2\%
10.5\%
1.9\%
5.1\%
2.7\%
52.0\%
47.4

Fall 04
0.10\%
0.30\%
0.50\%
1.30\%
11.60\%
9.60\%
2.30\%
5.90\%
3.60\%
4.40\%
4.90\%
1.40\%
0.60\%
0.20\%
0.20\%
10.20\%
$100.00 \%$

| $\|l\|$ <br> 6. If you selected VTA Bus in Question 5, please pick the <br> Bus route you mostly use. If not, go to the next Question. <br> 11 | 3 | $0 \%$ |
| :---: | :---: | :---: |
| 22 | 78 | $10 \%$ |
| 23 | 85 | $10 \%$ |
| 63 | 17 | $2 \%$ |
| 64 | 6 | $7 \%$ |
| 65 | 65 | $1 \%$ |
| 66 | 12 | $1 \%$ |
| 68 | 57 | $7 \%$ |
| 72 | 81 | $10 \%$ |
| 73 | 39 | $5 \%$ |
| 81 | 8 | $1 \%$ |
| 82 | 25 | $3 \%$ |
| 168 | 6 | $1 \%$ |
| 180 | 107 | $13 \%$ |
| 181 | 3 | $0 \%$ |
| 304 | 144 | $18 \%$ |
| 522 | 26 | $3 \%$ |
| DASH | 818 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $0.4 \%$ | $0.1 \%$ |  |  |  |
| $9.5 \%$ | $10.0 \%$ | $13.4 \%$ | $14.1 \%$ | $12.7 \%$ |
| $10.4 \%$ | $11.5 \%$ | $9.4 \%$ | $9.2 \%$ | $9.5 \%$ |
| $2.1 \%$ | $3.7 \%$ | $3.3 \%$ | $2.5 \%$ | $2.6 \%$ |
| $6.8 \%$ | $9.4 \%$ | $1.9 \%$ | $1.9 \%$ | $3.4 \%$ |
| $0.7 \%$ | $0.6 \%$ | $3.1 \%$ | $3.4 \%$ | $4.4 \%$ |
| $7.9 \%$ | $7.2 \%$ | $2.9 \%$ | $3.8 \%$ | $4.4 \%$ |
| $1.5 \%$ | $1.5 \%$ | $2.6 \%$ | $1.9 \%$ | $3.0 \%$ |
| $7.0 \%$ | $6.0 \%$ | $5.8 \%$ | $4.8 \%$ | $5.6 \%$ |
| $9.9 \%$ | $8.5 \%$ | $8.0 \%$ | $5.3 \%$ | $4.8 \%$ |
| $4.8 \%$ | $4.2 \%$ | $8.4 \%$ | $9.4 \%$ | $10.1 \%$ |
| $1.0 \%$ | $0.6 \%$ | $1.0 \%$ | $1.7 \%$ | $2.2 \%$ |
| $3.1 \%$ | $2.8 \%$ |  |  |  |
| $0.7 \%$ | $8.2 \%$ | $18.5 \%$ | $19.1 \%$ | $17.5 \%$ |
| $13.1 \%$ | $6.4 \%$ |  |  |  |
| $0.4 \%$ | $0.1 \%$ | $0.2 \%$ | $0.2 \%$ | $0.2 \%$ |
| $17.6 \%$ | $15.6 \%$ | $17.3 \%$ | $17.9 \%$ | $16.1 \%$ |
| $3.2 \%$ | $3.3 \%$ | $2.7 \%$ | $1.7 \%$ | $2.0 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 7. Your trip to SJSU normally starts from: |  |  |
| :--- | :---: | :---: |
| A. Home/dorm/current residence/friend or <br> relative's house |  |  |
| B. Work | 3655 | $89 \%$ |
| C. Other location | 379 | $9 \%$ |
| Total | 94 | $2 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |
| $88.5 \%$ | $87.0 \%$ | $86.9 \%$ | $86.3 \%$ | $85.4 \%$ |
| $9.2 \%$ | $11.0 \%$ | $11.2 \%$ | $12.3 \%$ | $13.0 \%$ |
| $2.3 \%$ | $2.0 \%$ | $1.9 \%$ | $1.5 \%$ | $1.7 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 8. Where do you go after leaving the University? |  |  |
| :--- | :---: | :---: |
| A. Home/dorm/current residence/friend or <br> relative's house |  |  |
| B. Work | 3617 | $88 \%$ |
| C. Other location | 375 | $9 \%$ |
| Total | 136 | $3 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |
| $87.6 \%$ | $85.9 \%$ | $83.1 \%$ | $83.6 \%$ | $82.7 \%$ |
| $9.1 \%$ | $11.3 \%$ | $13.9 \%$ | $13.2 \%$ | $14.2 \%$ |
| $3.3 \%$ | $2.9 \%$ | $2.9 \%$ | $3.1 \%$ | $3.2 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 9. How far is your daily one-way trip to SJSU? |  |  |
| :--- | :---: | :---: |
| less than 0.5 mile | 390 | $9 \%$ |
| 0.5 to 1 mile | 176 | $4 \%$ |
| 1 to 2 miles | 190 | $5 \%$ |
| 2 to 5 miles | 411 | $10 \%$ |
| 5 to 10 miles | 951 | $23 \%$ |
| 10 to 15 miles | 682 | $17 \%$ |
| 15 to 20 miles | 316 | $8 \%$ |
| 20 to 25 miles | 221 | $5 \%$ |
| 25 to 30 miles | 200 | $5 \%$ |
| 30 to 35 miles | 154 | $4 \%$ |
| 35 to 40 miles | 116 | $3 \%$ |
| 40 to 45 miles | 92 | $2 \%$ |
| 45 to 50 miles | 62 | $2 \%$ |
| 50 to 55 miles | 46 | $1 \%$ |
| 55 to 60 miles | 38 | $1 \%$ |
| 60 to 70 miles | 40 | $1 \%$ |
| 70 to 80 miles | 21 | $1 \%$ |
| 80 to 90 miles | 6 | $0 \%$ |
| over 90 miles | 16 | $0 \%$ |
| Total | 4128 | $100 \%$ |
| Average one way trip |  |  |
| distance | 14.7 | Miles |


| 10. How long is your daily one-way trip to campus? |  |  |
| :--- | :---: | :---: |
| less than 5 minutes | 323 | $8 \%$ |
| 5 to 10 minutes | 384 | $9 \%$ |
| 10 to 15 minutes | 573 | $14 \%$ |
| 15 to 20 minutes | 670 | $16 \%$ |
| 20 to 30 minutes | 708 | $17 \%$ |
| 30 to 40 minutes | 461 | $11 \%$ |
| 40 to 50 minutes | 376 | $9 \%$ |
| 50 to 60 minutes | 241 | $6 \%$ |
| 1 hr. to 1 hr. 15 mins. | 166 | $4 \%$ |
| 1 hr. 15 mins. to 1 hr. 30 mins. | 100 | $2 \%$ |
| 1 hr. 30 mins. to 1 hr. 45 mins. | 46 | $1 \%$ |
| 1 hr. 45 mins. to 2 hrs. | 30 | $1 \%$ |
| 2 hrs. to 2 hr. 30 mins. | 21 | $1 \%$ |
| 2 hrs. 30 mins. to 3 hrs. | 15 | $0 \%$ |
| over 3 hrs. | 14 | $0 \%$ |
| Total | 4128 | $100 \%$ |
| Average trip time | 29.7 | Minutes |

Fall 09
9.4\%
$4.3 \%$

Fa
Fall 08
Fa
Fall 07
Fall 06
Fall 05
7.4\%
2.7\%
2.7\%
8.5\%
22.8\%
18.4\%
9.3\%
6.0\%
4.9\%
4.4\%
3.2\%
2.1\%
2.1\%
1.6\%
$1.3 \%$
$1.0 \%$
0.6\%
0.3\%
0.8\%
100.0\%
16.8

| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $7.8 \%$ | $7.3 \%$ | $7.2 \%$ | $8.1 \%$ | $7.2 \%$ |
| $9.3 \%$ | $8.9 \%$ | $7.8 \%$ | $8.1 \%$ | $7.8 \%$ |
| $13.9 \%$ | $14.4 \%$ | $13.0 \%$ | $13.1 \%$ | $13.8 \%$ |
| $16.2 \%$ | $16.1 \%$ | $17.3 \%$ | $15.8 \%$ | $18.5 \%$ |
| $17.2 \%$ | $17.0 \%$ | $18.5 \%$ | $18.2 \%$ | $17.7 \%$ |
| $11.2 \%$ | $11.5 \%$ | $12.2 \%$ | $11.8 \%$ | $11.8 \%$ |
| $9.1 \%$ | $8.8 \%$ | $7.9 \%$ | $8.4 \%$ | $9.0 \%$ |
| $5.8 \%$ | $5.8 \%$ | $6.0 \%$ | $5.9 \%$ | $5.1 \%$ |
| $4.0 \%$ | $5.1 \%$ | $4.3 \%$ | $4.9 \%$ | $4.3 \%$ |
|  |  |  |  |  |
| $2.4 \%$ | $2.2 \%$ | $2.4 \%$ | $2.3 \%$ | $2.0 \%$ |
|  |  |  |  |  |
| $1.1 \%$ | $1.1 \%$ | $1.4 \%$ | $1.2 \%$ | $1.2 \%$ |
| $0.7 \%$ | $0.6 \%$ | $0.8 \%$ | $0.9 \%$ | $0.6 \%$ |
| $0.5 \%$ | $0.5 \%$ | $0.5 \%$ | $0.5 \%$ | $0.5 \%$ |
| $0.4 \%$ | $0.3 \%$ | $0.3 \%$ | $0.2 \%$ | $0.3 \%$ |
| $0.3 \%$ | $0.4 \%$ | $0.4 \%$ | $0.5 \%$ | $0.3 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| 30 | 30 | 30 | 29 | 29 |


| 11. If you come to the University by carpooling, bus or <br> train (in Question 3), how do you get to your bus stop, <br> train station or carpool location? If not, skip to Question <br> 13. |  |  |
| :--- | :---: | :---: |
| A. Walk/skateboard/roller <br> blade/scooter | 682 | $44 \%$ |
| B. Bicycle | 77 | $5 \%$ |
| C. Bus/light rail/train/ferry | 98 | $6 \%$ |
| D. Carpool | 82 | $5 \%$ |
| E. I get dropped off | 140 | $9 \%$ |
| F. Drive alone | 469 | $30 \%$ |
| G. Motorcycle | 4 | $0 \%$ |
| Total | 1552 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |
| $43.9 \%$ | $43.1 \%$ | $39.1 \%$ | $39.8 \%$ | $36.9 \%$ |
| $5.0 \%$ | $4.7 \%$ | $4.5 \%$ | $3.4 \%$ | $3.4 \%$ |
| $6.3 \%$ | $5.3 \%$ | $6.7 \%$ | $6.3 \%$ | $6.2 \%$ |
| $5.3 \%$ | $5.9 \%$ | $8.5 \%$ | $5.8 \%$ | $6.6 \%$ |
| $9.0 \%$ | $6.8 \%$ | $7.1 \%$ | $7.0 \%$ | $9.1 \%$ |
| $30.2 \%$ | $34.1 \%$ | $34.0 \%$ | $37.5 \%$ | $37.6 \%$ |
| $0.3 \%$ | $0.1 \%$ | $0.1 \%$ | $0.2 \%$ | $0.3 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 12. How far do you travel to this bus stop, train station or carpool pick-up location (miles)? |  |  |
| :---: | :---: | :---: |
| 0 to 0.25 mile | 553 | 33\% |
| 0.25 to 0.5 mile | 251 | 15\% |
| 0.5 to 0.75 mile | 121 | 7\% |
| 0.75 to 1 mile | 155 | 9\% |
| 1 mile to 1.5 miles | 151 | 9\% |
| 1.5 miles to 2 miles | 98 | 6\% |
| 2 miles to 2.5 miles | 54 | 3\% |
| 2.5 miles to 3 miles | 48 | 3\% |
| 3 to 4 miles | 53 | 3\% |
| 4 to 5 miles | 46 | 3\% |
| 5 to 6 miles | 30 | 2\% |
| 6 to 8 miles | 33 | 2\% |
| 8 to 10 miles | 31 | 2\% |
| Over 10 miles | 64 | 4\% |
| Total | 1688 | 100\% |
| Average distance | 1.7 | Miles |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $32.8 \%$ | $31.0 \%$ | $29.6 \%$ | $30.6 \%$ | $32.0 \%$ |
| $14.9 \%$ | $14.0 \%$ | $15.3 \%$ | $14.0 \%$ | $14.9 \%$ |
| $7.2 \%$ | $6.5 \%$ | $7.0 \%$ | $6.5 \%$ | $6.0 \%$ |
| $9.2 \%$ | $9.1 \%$ | $9.5 \%$ | $10.2 \%$ | $9.4 \%$ |
| $8.9 \%$ | $8.7 \%$ | $7.4 \%$ | $8.5 \%$ | $6.6 \%$ |
| $5.8 \%$ | $6.2 \%$ | $5.9 \%$ | $6.2 \%$ | $5.2 \%$ |
| $3.2 \%$ | $4.0 \%$ | $3.7 \%$ | $3.6 \%$ | $3.8 \%$ |
| $2.8 \%$ | $3.9 \%$ | $3.3 \%$ | $2.1 \%$ | $3.5 \%$ |
| $3.1 \%$ | $2.8 \%$ | $3.6 \%$ | $3.5 \%$ | $3.2 \%$ |
| $2.7 \%$ | $3.0 \%$ | $3.6 \%$ | $3.4 \%$ | $4.1 \%$ |
| $1.8 \%$ | $2.4 \%$ | $1.8 \%$ | $2.3 \%$ | $1.5 \%$ |
| $2.0 \%$ | $1.7 \%$ | $1.5 \%$ | $2.0 \%$ | $2.5 \%$ |
| $1.8 \%$ | $2.3 \%$ | $2.5 \%$ | $2.7 \%$ | $2.1 \%$ |
| $3.8 \%$ | $4.3 \%$ | $5.3 \%$ | $4.4 \%$ | $5.1 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
| 1.7 | 1.8 | 2.0 | 1.8 | 1.8 |


| 13. Do you know about "Spare the Air Days"? |  |  |
| :--- | :---: | :---: |
| Yes | 2755 | $67 \%$ |
| No | 1373 | $33 \%$ |
| Total | 4128 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $66.7 \%$ | $69.0 \%$ | $69.6 \%$ | $70.8 \%$ | $59.9 \%$ |
| $33.3 \%$ | $31.0 \%$ | $30.4 \%$ | $29.2 \%$ | $40.1 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| $35.3 \%$ | $31.2 \%$ | $31.6 \%$ | $28.4 \%$ | $23.9 \%$ |
| $64.7 \%$ | $68.8 \%$ | $68.4 \%$ | $71.6 \%$ | $76.1 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 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. |  |  |
| A. Website | 299 | $7 \%$ |
| B. Student Orientation | 1094 | $27 \%$ |
| C. Campus fair or tabling event | 81 | $2 \%$ |
| D. Email | 387 | $9 \%$ |
| E. Friend/classmate/colleague | 689 | $17 \%$ |
| F. I was mailed a letter + brochure | 1230 | $30 \%$ |
| G. Poster/sign/brochure | 48 | $1 \%$ |
| H. Spartan Daily | 17 | $0 \%$ |
| I. I don't know of Eco Pass Sticker or TS | 283 | $7 \%$ |
| Total | 4128 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $7.2 \%$ | $8.2 \%$ | $6.5 \%$ | $6.6 \%$ | $6.1 \%$ |
| $26.5 \%$ | $23.1 \%$ | $20.8 \%$ | $21.6 \%$ | $19.9 \%$ |
| $2.0 \%$ | $1.7 \%$ | $1.6 \%$ | $1.9 \%$ | $1.5 \%$ |
| $9.4 \%$ | $8.1 \%$ | $7.4 \%$ | $9.7 \%$ | $12.3 \%$ |
| $16.7 \%$ | $14.9 \%$ | $14.3 \%$ | $13.3 \%$ | $11.9 \%$ |
| $29.8 \%$ | $32.1 \%$ | $37.0 \%$ | $34.6 \%$ | $32.9 \%$ |
| $1.2 \%$ | $1.4 \%$ | $1.6 \%$ | $1.1 \%$ | $1.6 \%$ |
| $0.4 \%$ | $0.7 \%$ | $0.6 \%$ | $0.5 \%$ | $0.5 \%$ |
| $6.9 \%$ | $9.9 \%$ | $10.2 \%$ | $10.6 \%$ | $13.5 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 16. Have you ever used any of the Transportation |
| :--- |
| Solutions (TS) services, including the AS Eco Pass |
| Sticker? |
| Yes |
| No |
| Total | |  |
| :--- |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $65.5 \%$ | $62.5 \%$ | $55.8 \%$ | $53.6 \%$ | $47.6 \%$ |
| $34.5 \%$ | $37.5 \%$ | $44.2 \%$ | $46.4 \%$ | $52.4 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |

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 .

| A. Bicycle | 85 | $3 \%$ |
| :--- | :---: | :---: |
| B. Carpooled with students/employees | 115 | $4 \%$ |
| C. I got dropped off | 305 | $11 \%$ |
| D. I drove alone (including to SJSU Park <br> \& Ride and motorcycle) | 755 | $28 \%$ |
| E. I was taking VTA bus/light rail before <br> attending SJSU | 379 | $14 \%$ |
| F. Regional train/bus (including Caltrain, <br> Hwy 17 Express, ACE, Amtrak) | 70 | $3 \%$ |
| G. I lived on/near campus so I walked | 469 | $17 \%$ |
| H. This was a new commute for me | 545 | $20 \%$ |
| Total | 2723 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $3.1 \%$ | $2.8 \%$ | $2.3 \%$ | $1.7 \%$ | $2.5 \%$ |
|  |  |  |  |  |
| $4.2 \%$ | $3.3 \%$ | $3.9 \%$ | $3.6 \%$ | $4.1 \%$ |
| $11.2 \%$ | $9.2 \%$ | $10.7 \%$ | $9.7 \%$ | $10.4 \%$ |
|  |  |  |  |  |
| $27.7 \%$ | $32.0 \%$ | $32.5 \%$ | $33.7 \%$ | $34.2 \%$ |
|  |  |  |  |  |
| $13.9 \%$ | $14.0 \%$ | $12.8 \%$ | $13.4 \%$ | $12.9 \%$ |
|  |  |  |  |  |
| $2.6 \%$ | $2.8 \%$ | $3.2 \%$ | $3.2 \%$ | $3.2 \%$ |
|  |  |  |  |  |
| $17.2 \%$ | $16.3 \%$ | $14.9 \%$ | $15.5 \%$ | $13.3 \%$ |
|  |  |  |  |  |
| $20.0 \%$ | $19.8 \%$ | $19.8 \%$ | $19.3 \%$ | $19.5 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 18. If yes to Question 16, how do/did you commute to the <br> University after using TS services or AS Eco Pass? |  |  |
| :--- | :---: | :---: |
| A. Bicycle | 98 | $4 \%$ |
| B. Carpool | 81 | $3 \%$ |
| C. I get dropped off | 103 | $4 \%$ |
|  <br> Ride and motorcycle) | 488 | $18 \%$ |
| E. VTA bus/light rail | 1421 | $53 \%$ |
| F. Regional train/bus (including Caltrain, <br> Hwy 17 Express, ACE, Amtrak) | 106 | $4 \%$ |
| G. I live on/near campus so <br> I walk | 398 | $15 \%$ |
| Total | 2695 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $3.6 \%$ | $3.3 \%$ | $3.3 \%$ | $2.3 \%$ | $2.8 \%$ |
| $3.0 \%$ | $2.7 \%$ | $3.2 \%$ | $2.2 \%$ | $3.5 \%$ |
| $3.8 \%$ | $3.3 \%$ | $3.4 \%$ | $3.2 \%$ | $3.9 \%$ |
|  |  |  |  |  |
| $18.1 \%$ | $18.8 \%$ | $22.9 \%$ | $22.7 \%$ | $25.7 \%$ |
| $52.7 \%$ | $53.2 \%$ | $49.3 \%$ | $49.8 \%$ | $47.5 \%$ |
|  |  |  |  |  |
| $3.9 \%$ | $4.4 \%$ | $4.4 \%$ | $4.7 \%$ | $4.6 \%$ |
|  |  |  |  |  |
| $14.8 \%$ | $14.2 \%$ | $13.5 \%$ | $15.0 \%$ | $12.0 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 19. If you use bus or light rail, or carpool to campus, <br> select the THE THREE MOST IMPORTANT reasons for <br> doing so (Mark no more than 3). |  |  |
| :--- | :---: | :---: |
| A. Have no other way | 628 | $26 \%$ |
| B. Ability to use Tower Card + AS Eco <br> Pass Sticker | 1384 | $58 \%$ |
| C. Because of "Spare the Air" <br> Announcements |  |  |
| D. Allows someone else to use the car | 172 | $7 \%$ |
| E. Avoid traffic and parking hassles | 1279 | $53 \%$ |
| F. Avoid paying for parking | 1269 | $53 \%$ |
| G. Avoid paying for gas | 922 | $38 \%$ |
| H. Good for the environment | 724 | $30 \%$ |
| I. Saves time | 194 | $8 \%$ |
| J. I can read or study | 346 | $14 \%$ |
| Other, Please Specify | 115 | $5 \%$ |

20. What is your employment status?

| A. Employed full-time | 577 | $14 \%$ |
| :--- | :---: | :---: |
| B. Employed part-time | 1769 | $43 \%$ |
| C. Not employed | 1782 | $43 \%$ |
| Total | 4128 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $14.0 \%$ | $18.8 \%$ | $18.9 \%$ | $20.6 \%$ | $21.2 \%$ |
| $42.9 \%$ | $45.1 \%$ | $46.7 \%$ | $46.7 \%$ | $46.8 \%$ |
| $43.2 \%$ | $36.2 \%$ | $34.4 \%$ | $32.6 \%$ | $32.0 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


| 21. If you're employed, where do you work? |  |  |
| :--- | :---: | :---: |
| A. On campus | 326 | $14 \%$ |
| B. Within walking distance of campus <br> (e.g. Downtown San Jose) |  |  |
| C. Off campus (e.g. outside of Downtown <br> San Jose) | 101 | $4 \%$ |
| Total | 1947 | $82 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
| $13.7 \%$ | $11.8 \%$ | $10.7 \%$ | $11.8 \%$ | $8.8 \%$ |
|  |  |  |  |  |
| $4.3 \%$ | $5.1 \%$ | $4.1 \%$ | $4.1 \%$ | $3.8 \%$ |
|  |  |  |  |  |
| $82.0 \%$ | $83.1 \%$ | $85.1 \%$ | $84.1 \%$ | $87.4 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |


|  |  |  |
| :--- | :---: | :---: |
| 22. What is your class level: |  |  |
| A. Freshman (Generally <br> 1st year) | 479 | $12 \%$ |
| B. Sophomore (Generally <br> 2nd year) | 357 | $9 \%$ |
| C. Junior (Generally 3rd year or newly <br> transferred student) | 1119 | $27 \%$ |
| D. Senior (4 or more years) | 1076 | $26 \%$ |
| E. Second Baccalaureate | 39 | $1 \%$ |
| F. Credential | 115 | $3 \%$ |
| G. Master's or higher | 876 | $21 \%$ |
| H. Open University/continuing <br> education/extended studies/SAL | 62 | $2 \%$ |
| I. Non student - employee | 5 | $0 \%$ |
| Total | 4128 | $100 \%$ |


| Fall 09 | Fall 08 | Fall 07 | Fall 06 | Fall 05 |
| ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |
| $11.6 \%$ | $12.5 \%$ | $13.3 \%$ | $11.5 \%$ | $11.8 \%$ |
|  |  |  |  |  |
| $8.6 \%$ | $6.9 \%$ | $7.3 \%$ | $7.7 \%$ | $8.7 \%$ |
|  |  |  |  |  |
| $27.1 \%$ | $26.7 \%$ | $27.0 \%$ | $25.7 \%$ | $30.1 \%$ |
| $26.1 \%$ | $26.1 \%$ | $22.2 \%$ | $25.1 \%$ | $22.3 \%$ |
| $0.9 \%$ | $2.0 \%$ | $2.5 \%$ | $2.2 \%$ | $2.3 \%$ |
| $2.8 \%$ | $2.9 \%$ | $3.7 \%$ | $3.1 \%$ | $3.6 \%$ |
| $21.2 \%$ | $21.8 \%$ | $22.4 \%$ | $22.9 \%$ | $20.1 \%$ |
|  |  |  |  |  |
|  |  |  |  |  |
| $1.5 \%$ | $1.1 \%$ | $1.3 \%$ | $1.6 \%$ | $1.0 \%$ |
| $0.1 \%$ | $0.1 \%$ | $0.2 \%$ | $0.2 \%$ | $0.1 \%$ |
| $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ | $100.0 \%$ |

23. If you don't take transit (bus, Light Rail, train), what are the reasons? Select THE THREE PRIMARY reasons.

| A. Service too slow/not fast enough | 1572 | $68 \%$ |
| :--- | :---: | :---: |
| B. Require transfers | 706 | $31 \%$ |
| C. There is no service near me or no <br> service at the times I commute to campus | 1005 | $44 \%$ |
| D. Concerns about personal safety | 697 | $30 \%$ |
| E. Concerns about cleanliness, or general <br> comfort | 586 | $25 \%$ |
| F. Service is not reliable <br> (transit not runing on time) | 585 | $25 \%$ |
| G. Transit is too expensive | 218 | $9 \%$ |
| H. I don't know about the transit options <br> or how to use transit | 374 | $16 \%$ |

