FOOTHILL COLLEGE
Institutional Research and Planning

DATE: May 28, 2013

TO: Mia Casey, Sustainability Coordinator & Special Assistant to the President

FROM: Elaine Kuo, College Researcher
Thomas Margesson, Student Assistant

RE: 2013 Transportation Survey

Overview

Foothill students and employees were surveyed to gather information regarding their mode of transportation to and from the Foothill main campus. There were approximately 12,000 students enrolled in spring quarter of 2013. The survey was administered to 4,000 students (roughly one-third of enrollment) and the sample was made to represent the breakdown of Foothill 's overall student enrollment (part-time students accounted for 60% of the sample and full-time students accounted for 40%). Of the 4,000 students, 511 completed the survey for a response rate of 13%. Full-time students were over represented , accounting for 56% of student respondents, but making up only 37% of the overall student population (Spring 2013 census). The survey was also administered to 677 Foothill employees with 145 completing the survey for a response rate of 21%.

Survey Highlights:

- Almost half of student respondents (42%) commute from San Jose (21%) or Mountain View (21%). Twenty percent of Foothill employee respondents also commute from San Jose, but Sunnyvale (13%) was the second most cited city.

- Among survey respondents, a higher percentage of Foothill employees respondents compared to students drive themselves to the main campus (94% vs. 70%). A higher percentage of employee respondents also do not carpool when compared to students (91% vs. 74%).

- A higher percentage of student respondents compared to employees cited a desire for expanded/improved public transportation (64% vs. 46%) and more resources and incentives for carpooling (7% vs. 20%).

- Among those respondents who suggested an expansion or improvement of public transportation, 34% addressed the high prices of fares and the long transit times.

- A higher percentage of Foothill employee respondents compared to students cited the need for better access/security for bikes (16% vs. 13%) and a shuttle connecting Foothill and De Anza (14% vs. 7%).

- Foothill employee respondents accounted for nearly all the suggestions for incentivizing the use of electric cars (6 of 8) and increasing the use of telecommunication equipment(4).

Methodology

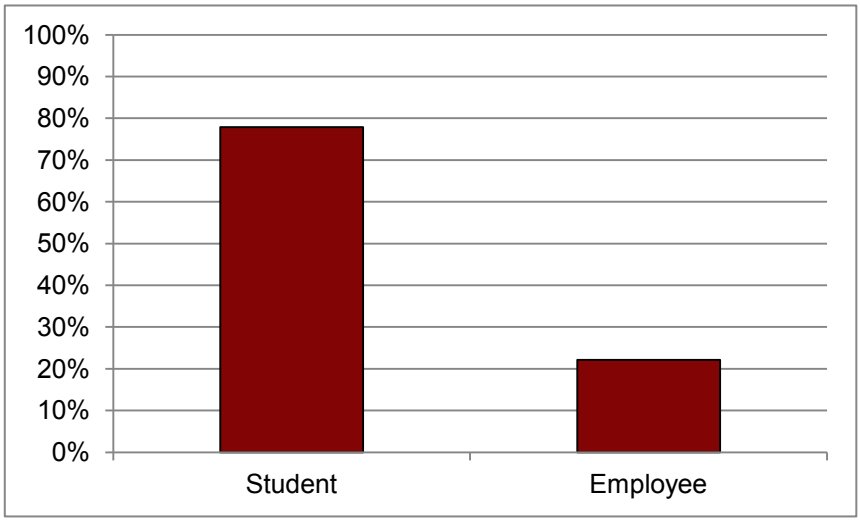
The survey was open from Monday, May 6, 2013 to Friday, May 17, 2013. A link to the transportation survey was sent out by email and made available on the portal to all employees on Monday, May 6. On Wednesdsay, May 8, the survey link was emailed to 4,000 students with an email reminder on Wwednesday, May 15, 2013.

Source

Foothilll IR&P

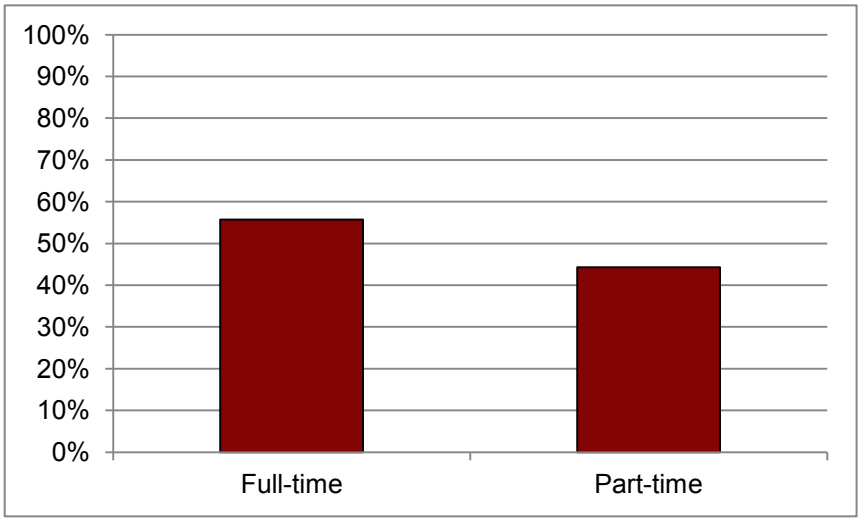
1. Indicate your primary role at Foothill:

Response	N	%
Student	511	78%
Employee	145	22%
Total	656	100%



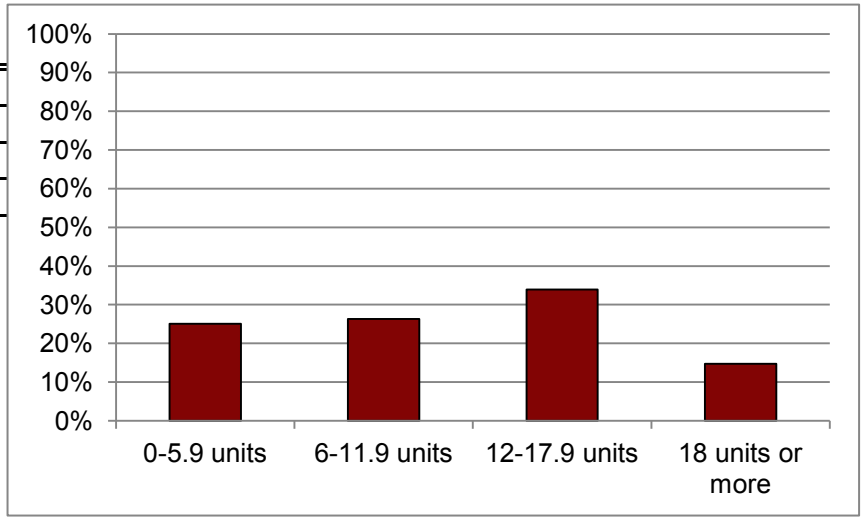
2a. If you are a student, what is your enrollment status?

Response	N	%
Full-time	283	56%
Part-time	225	44%
	508	100%



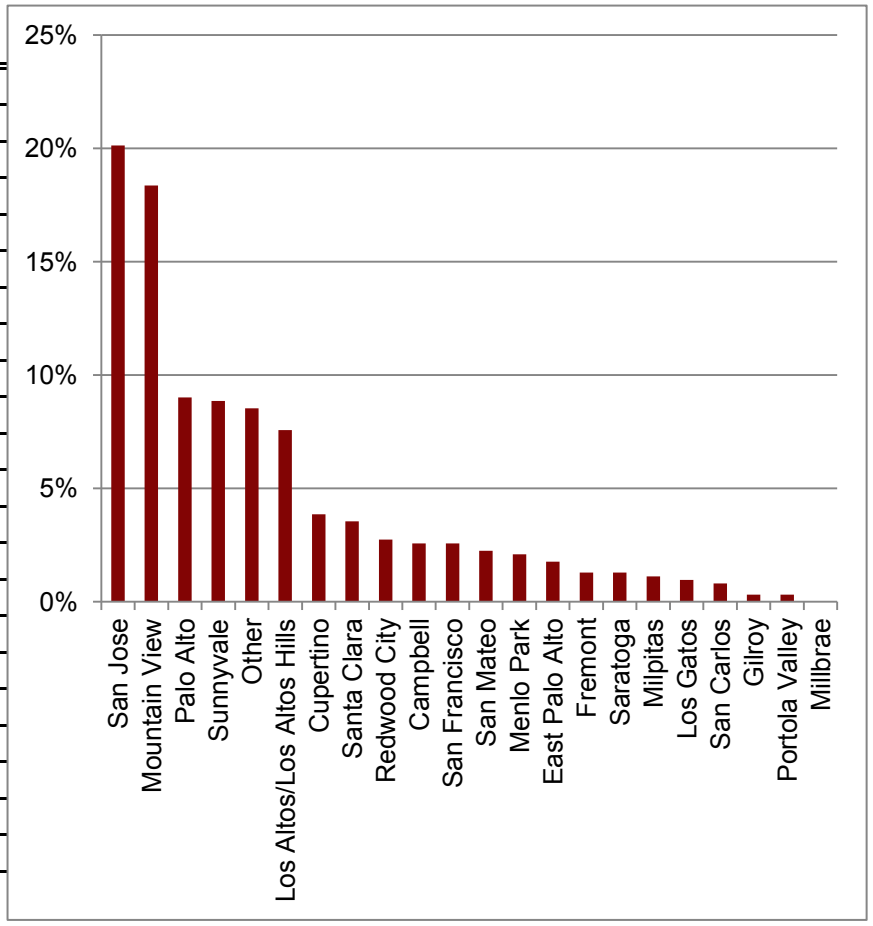
2b. Number of units this quarter:

Response	N	%
0-5.9 units	102	25%
6-11.9 units	107	26%
12-17.9 units	138	34%
18 units or more	60	15%
Total	407	100%



3a. Please indicate the city you live in:

Response	N	%
Campbell (95008)	15	2%
Cupertino (95014)	25	4%
East Palo Alto (94303)	13	2%
Fremont (94536-94555)	8	1%
Gilroy (95020)	2	0%
Los Altos/Los Altos Hills (94022)	51	8%
Los Gatos (95032)	6	1%
Menlo Park (94025-94027)	13	2%
Millbrae (94030)	0	0%
Milpitas (95035)	8	1%
Mountain View (94040-94043)	119	18%
Palo Alto (94301-94305)	57	9%
Portola Valley (94062)	2	0%
Redwood City (94061-94603)	17	3%
San Carlos (94070)	7	1%
San Francisco (94110-94133)	18	3%
San Jose (95110-95148)	130	20%
San Mateo (94401-94404)	15	2%
Santa Clara (95050-95051)	23	4%
Saratoga (95070)	9	1%
Sunnyvale (94085-94089)	58	9%
Other	52	8%
Total	648	100%



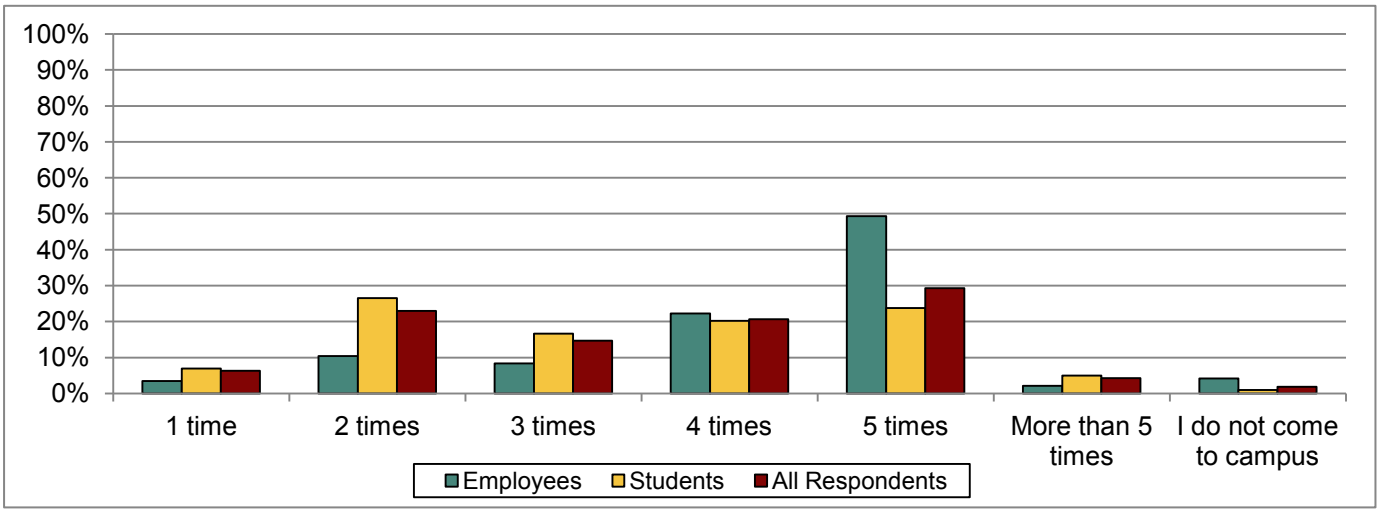
Other:

Response	N
Albany (94710)	1
Aptos (95003)	1
Belmont (94002)	4
Ben Lomond (95005)	1
Berkeley (94704)	1
Big Basin (95006)	1
Bonny Doon (95060)	3
Burlingame (94010)	4
Colma (94014)	1
Daily City (94015)	1
El Granada (94018)	1
Half Moon Bay(94019)	1
Hayward (94541)	2
La Honda (94020)	1
Lompoc (93436)	1
Los Banos (93635)	3
Manteca (95336)	1

Response	N
Martinez (94553)	1
Moss Beach (94038)	1
Newark (94560)	5
Oakland (94602)	2
Pacifica (94044)	3
Pleasanton (94588)	2
San Bruno (94066)	1
San Leandro (94577)	1
San Lorenzo (94580)	2
San Martin (95046)	1
Santa Cruz (95062)	3
Soquel (95073)	2
South San (94080)	2
Tracy (95391)	1
Union City(94587)	5
Walnut (94595)	1

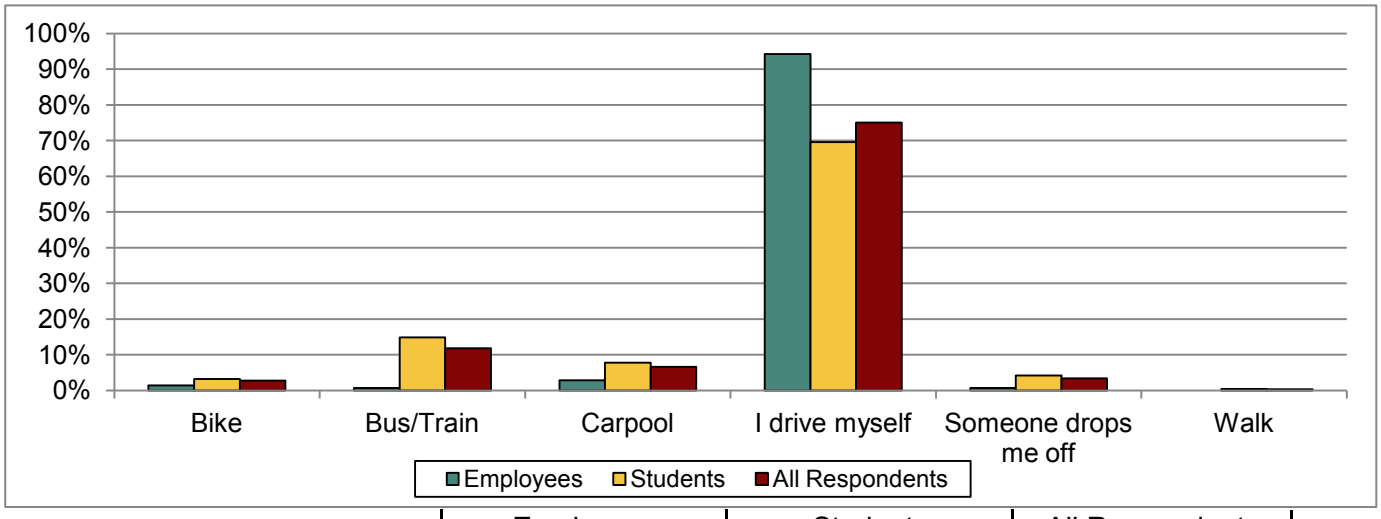
NOTE: Four respondents work as online only faculty and do not reside in the area. Locations included; Texas, Washington, Kentucky, and Lompoc, CA.

4. How often do you come to campus each week?



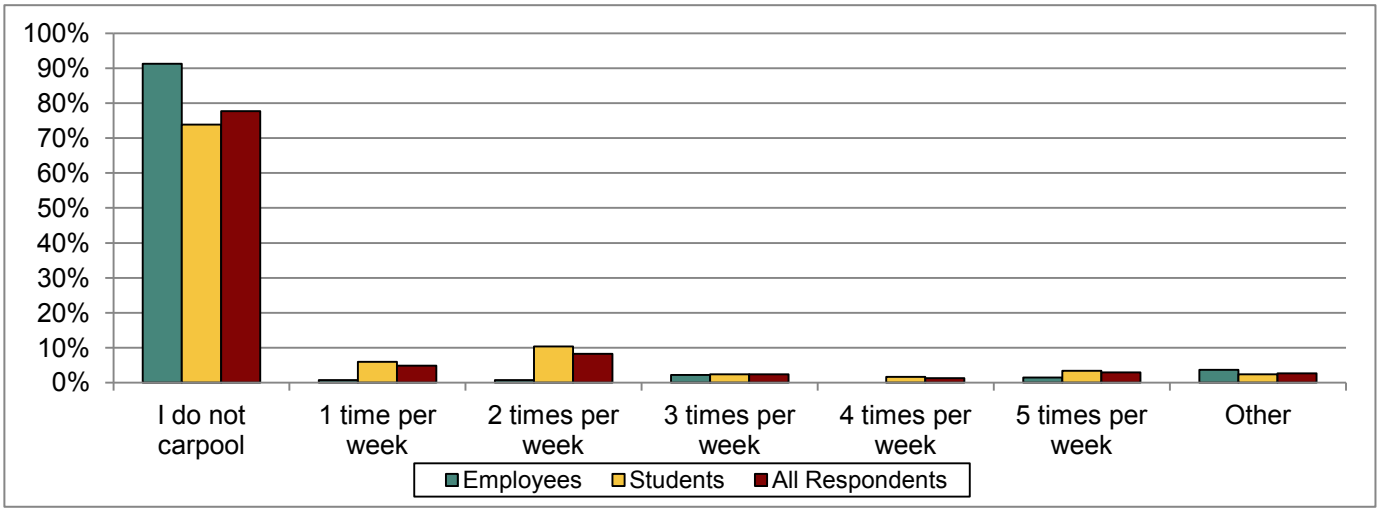
	Employees		Students		All Respondents	
Response	N	%	N	%	N	%
1 time	5	3%	35	7%	41	6%
2 times	15	10%	134	27%	150	23%
3 times	12	8%	84	17%	96	15%
4 times	32	22%	102	20%	135	21%
5 times	71	49%	120	24%	191	29%
More than 5 times	3	2%	25	5%	28	4%
I do not come to campus	6	4%	5	1%	12	2%
Total	144	100%	505	100%	653	100%

5. How do you typically get to campus?



	Employees		Students		All Respondents	
Response	N	%	N	%	N	%
Bike	2	1%	16	3%	18	3%
Bus/Train	1	1%	75	15%	76	12%
Carpool	4	3%	39	8%	43	7%
I drive myself	131	94%	350	70%	484	75%
Someone drops me off	1	1%	21	4%	22	3%
Walk	0	0%	2	0%	2	0%
Total	6	4%	503	100%	645	100%

6. How often do you carpool to campus?



Response	Employees N	Employees %	Students N	Students %	All Respondents N	All Respondents %
I do not carpool	126	91%	370	74%	499	78%
1 time per week	1	1%	30	6%	31	5%
2 times per week	1	1%	52	10%	53	8%
3 times per week	3	2%	12	2%	15	2%
4 times per week	0	0%	8	2%	8	1%
5 times per week	2	1%	17	3%	19	3%
Other	5	4%	12	2%	17	3%
Total	138	100%	501	100%	642	100%

Q6. Reponses for Other:

1 or 2 times a month

"Currently I do not carpool, when my coworker is not on sabbatical I carpool 1-2 days per week."

Every other week twice that week

first quarter not carpooling

I carpool from campus

I carpooled last 2 quarters

"I seldom, but occasionally take public transportation"

I used to carpool but my friend changed jobs and now my schedule is too hectic!

In other quarters I carpooled but my carpool partner does not have the same schedule this quarter

My class in 2 times a week but I drop my son off and pick him up 1 to 2 times a day at foothill since he does not drive. We use the drop off zone in front.

Once every couple of weeks

Q6. Reponses for Other, continued:

Once every two weeks.

partially carpool half of my route

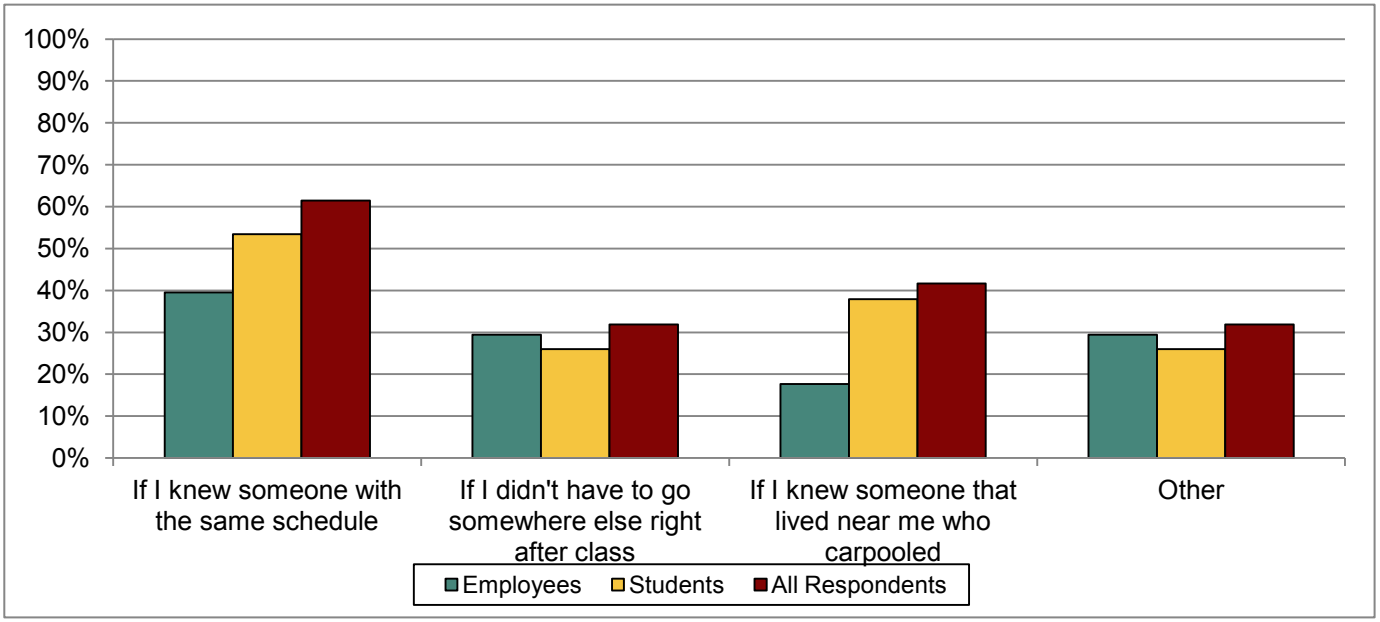
rarely

sometimes 4 times a quarter

twice a week I take my son who is a student home with me

"Varies, usually 2-5 days a week"

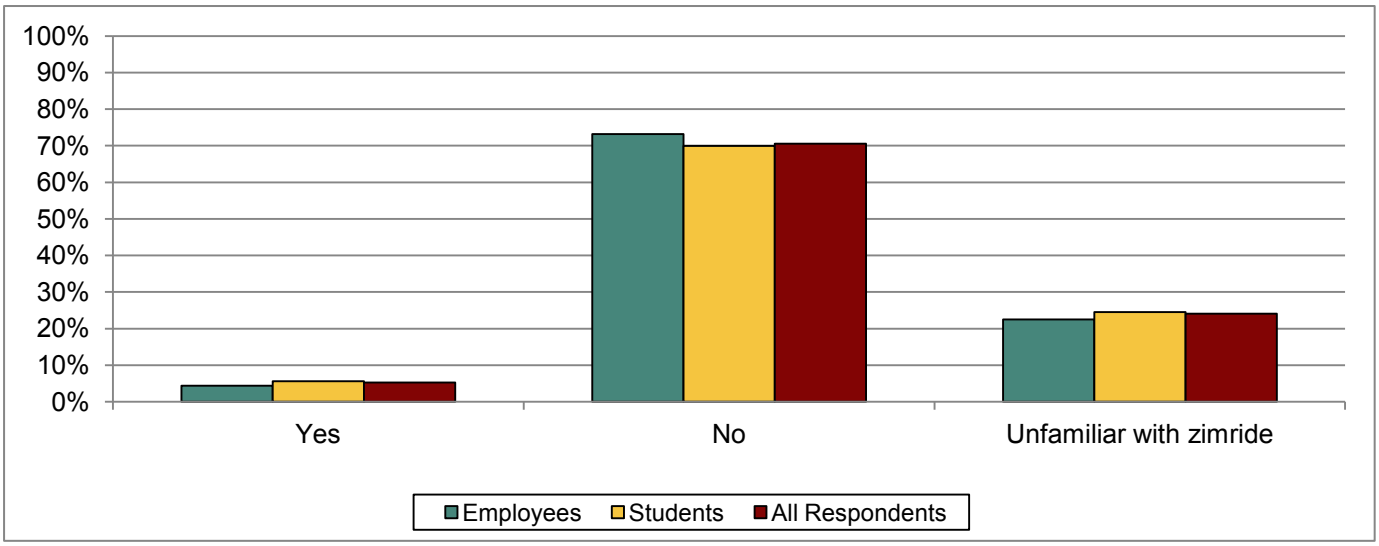
7. What would make you more likely to carpool?(Select all that apply)



Response	Employees N	Employees %	Students N	Students %	All Respondents N	All Respondents %
If I knew someone with the same schedule	47	39%	327	53%	376	61%
If I didn't have to go somewhere else right after	35	29%	159	26%	195	32%
If I knew someone that lived near me who carpooled	21	18%	232	38%	255	42%
Other	25	29%	32	26%	57	32%

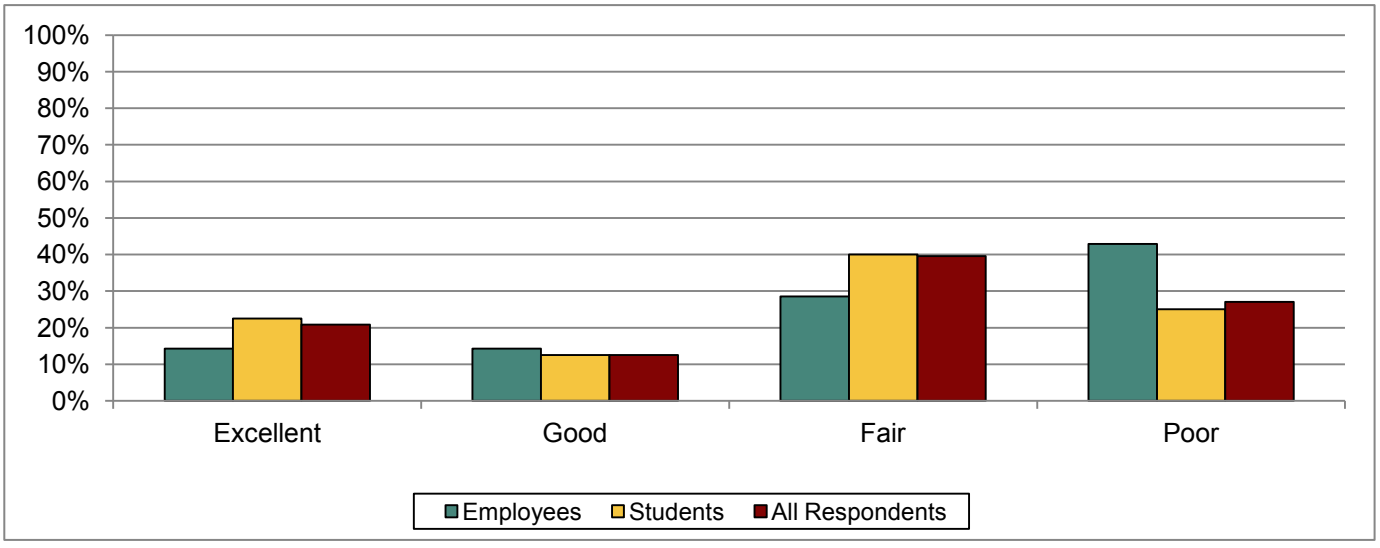
NOTE: Participants were able to select more than one response, so percentages do not equal 100%

8. Have you ever used zimride for carpools?



	Employees		Students		All Respondents	
Response	N	%	N	%	N	%
Yes	6	4%	28	6%	34	5%
No	101	73%	351	70%	454	71%
Unfamiliar with zimride	31	22%	123	25%	155	24%
Total	138	100%	502	100%	643	100%

9. If you have used, zimride, please rate your experience:



	Employees		Students		All Respondents	
Response	N	%	N	%	N	%
Excellent	1	14%	9	23%	10	21%
Good	1	14%	5	13%	6	13%
Fair	2	29%	16	40%	19	40%
Poor	3	43%	10	25%	13	27%
Total	7	100%	40	100%	48	100%

Q9 Comments:

"Also used Craig's list to find shared rides to LA. It took a lot of time to arrange, I had to drive an hour out of the way! The zimride experience was similar-I was driving to San Diego."

Amazing service and extremely convenient!!!

cannot rate since I have never tried it

did not use it yet

"For my first year at Foothill, I couldn't sign into Zimride, even though I followed all the instructions. Recently I tried again and I could sign in. I made a post offering a ride."

"Good idea, but it wasn't successful for me."

Guy ended up liking me.

have not used it

Haven't used zimride

"I am on their web list, but have not been able to connect for work due to my schedule."

I created a login and looked at what was available but it didn't meet my needs.

I don't know anything about zimride

I have never used Zimride

I have signed up but haven't actually used it.

"I offered, but there was no response."

"I tried to use zimride, but there weren't any others who lived near me (I guess I live pretty far), so it wasn't successful for this reason."

It is great! I got a right person to carpool with when I carpool 2 times a week.

"It seems that most people in my area have different schedules than I do, and I do not have much flexibility due to other obligations."

I've never found someone with the same route and/or schedule and those I have contacted didn't usually contact me back.

Made an awesome friend and connection in Los Angeles

NA - I wasn't able to find someone to carpool with.

Never used

Never used it before

Q9 Comments, continued:

No one is willing to give you money or expects it to be cheap even though gas is expensive.

No responses all the time

not enough faculty/staff using it. all students who need rides for 1-2 classes a day usually

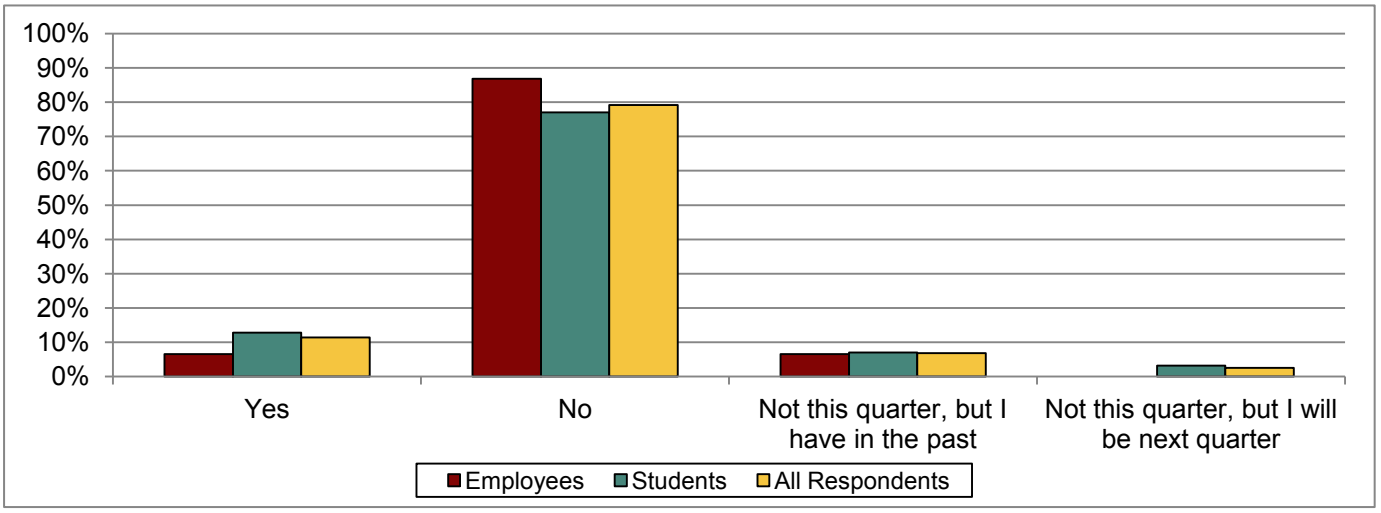
people do not respond

Seems to be good for trips between cities. Used it to go to an event in San Francisco but I already knew there were others going to the same event. Finding a ride to class would be cumbersome unless the instructor coached all the students to post their commutes on Zimride so they could coordinate schedules. So is a good tool if a group who have a common destination use Zimride to match people up otherwise not enough people use Zimride in general that you would be unlikely to just be able to login and find a carpool partner to a random location.

unfamiliar with zimride

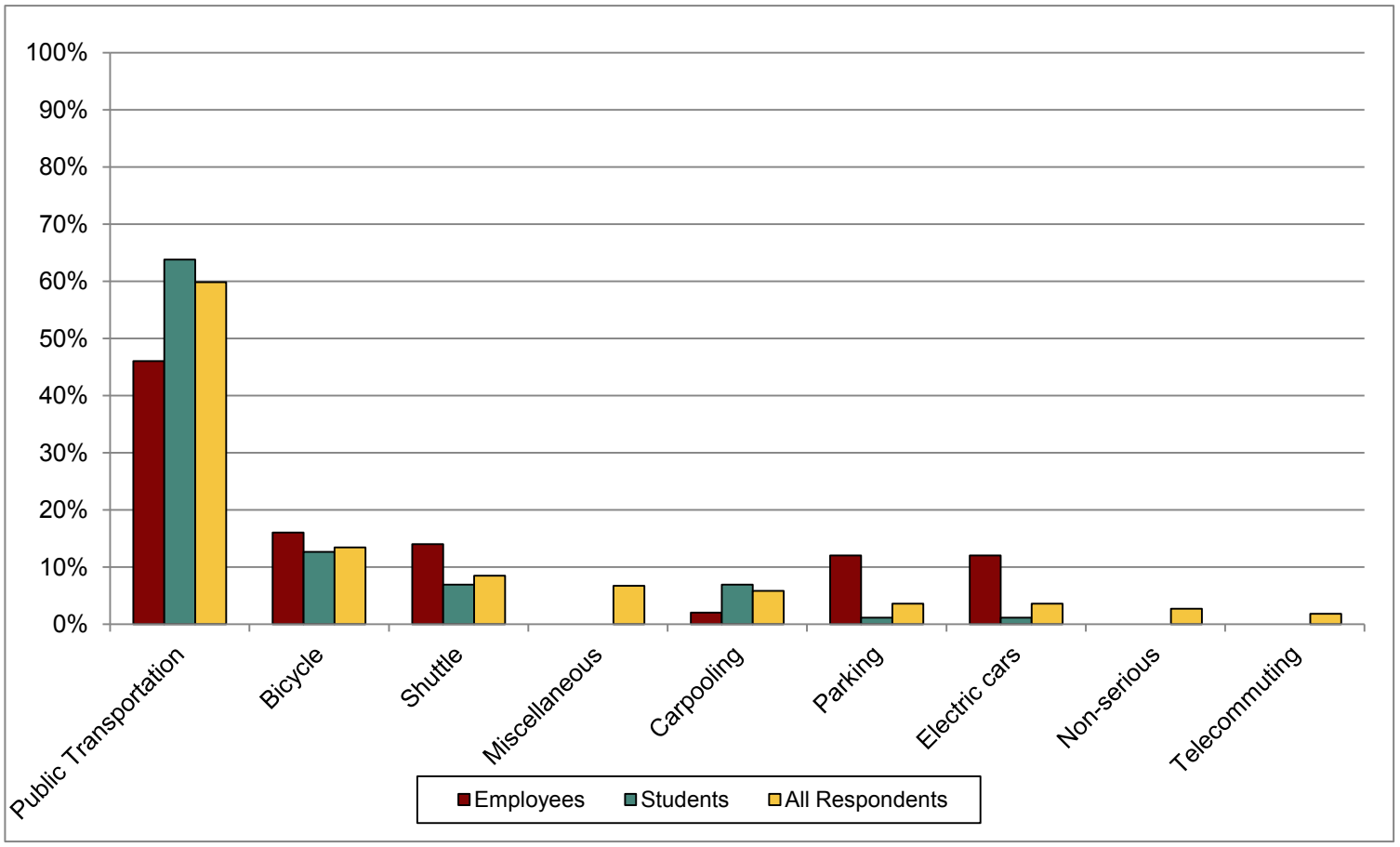
"Zimride is a total cop-out for FH and a blatant & token effort to solve its parking problem, made worse by ruining Lot 3 with useless solar panels. What driver in their right mind would use Zimride at 10 AM in the Fall Quarter if they knew they couldn't find parking and get to class? Foothill needs remote parking and free shuttle busses."

10. In a typical week do you go to both Foothill and De Anza campuses (for class, work, etc.)?



Response	Employees N	Employees %	Students N	Students %	All Respondents N	All Respondents %
Yes	9	7%	64	13%	73	11%
No	119	87%	385	77%	507	79%
Not this quarter, but I have in the past	9	7%	35	7%	44	7%
Not this quarter, but I will be next quarter	0	0%	16	3%	16	3%
Total	137	100%	500	100%	640	100%

11. Are there any transportation alternatives you would like to see on campus?



NOTE: Participants were able to answer freely and had the ability to cite multiple suggestions, so totals will not be the sum of the column. A qualitative analysis was used to determine the most frequent suggestions.

Response	Employees		Students		All Respondents N	All Respondents %
Expansion/improvement public transportation (including: busses, shuttles, lite-rail, and trains)	23	46%	111	64%	134	60%
Improved bike access and/or security	8	16%	22	13%	30	13%
A direct shuttle connecting Foothill to De Anza	7	14%	12	7%	19	8%
Miscellaneous	4	8%	11	6%	15	7%
More resources/incentive for carpooling	1	2%	12	7%	13	6%
Improved parking	6	12%	2	1%	8	4%
Chargers and other incentives for electric cars	6	12%	2	1%	8	4%
Non serious (Jets, submarines, donkeys, etc)	0	0%	6	3%	6	3%
Telecommuting services	4	8%	0	0%	4	2%
Total number of responses	50		174		224	

Sample of comments to Q11:

A bus route that doesn't take an hour compared to the 10 minutes it takes me to commute in my car.

A cheaper bus alternative, for example: the eco pass that de Anza gets would be nice for those who utilize public transportation.

An application that lets students know how soon buses/ other public transportation vehicles will arrive.

A common place we can park then take bus to campus

Better bike paths & bike storage. Many college campuses have a fenced biking area with students serving as guards. We don't have good bike access or good bike parking.

Bike borrowing program.

A better bike lane. I don't bike, but I think it is ridiculous that these bikers (who are saving the environment) have no actual lane to ride on and risk being hit by a car.

bus from East Palo Alto, to get to campus from EPA it takes 1.5 hour and I have to switch 2x. Driving there takes 20 min.

covered, secure bike parking. lockers for cyclists to store possessions.

Decrease the bus price

more buses that come to campus; for most people public transportation to FH isn't even an option since the bus system is completely inadequate

Electric car charging, scooter parking very close

Foothill gas card.

Free shuttle busses from remote parking lots. Far more convenient public buss service. I live only 4 miles from campus, and it would take me over an hour to take buss service to Foothill. I can drive in 15 minutes. Duh!

hire a large bus to pick up employees from SF, Daly city, South SF and commute together. Apple corporation does it, why can't we?

I would certainly like more bike paths!!!! To get from the Gym area to the bike path on the far side of the entrance road, I bike on a dirt path along a wrong-way street, and on a sidewalk. The Alternative is to go around the loop by "taking the (right) lane" which, of course drivers hate bikes to do -- quite sad that the campus has not encouraged bicycling by making it safe to do.

I would like to see the district invest in improved video and teleconferencing technologies so that employees can attend meetings without driving to campus. There have been many times when I've driven 2 hours round-trip for one 1-hour meeting (scheduled on non-teaching days).

if the school could subside the zimride program, It would be more attractive for me

Sample of comments to Q11, continued:

Express buses that would allow students who live in Campbell and San Jose and Palo Alto, to be able to get here in less than two hours.

Yes, More availability and knowledge of carpooling.

Yes, I would like there to be a shuttle between campuses - Foothill and De Anza - this would assist many of our students.

This is not a transportation alternative per se. Its a suggestion: The one hour guest parking area is NEVER fully occupied during the evening. However, the remainder of this lot is full. Suggested Change: After 6pm, students may park in the guest areas, as long as they have a valid permit. It is a safety concern that one has to park in a distant lot and walk at night after a class has ended at 9:00 pm. Please forward this suggestion to the appropriate dept and individuals.

I would love it if Foothill had housing on campus.

parking spaces designed for carpoolers...as a perk

I want to see more parking in lots 7 and 8.

for students: shuttle bus between foothill and de Anza 5-10 times per day

De Anza Students have free (or $5) VTA passes. This would be incredibly helpful. I pay $70 a month for my vta pass.

Buses that come more often and stop at more convenient locations

green light is kind of short when existing from the new building parking, have to wait almost five minutes to get on the loop.

Incentivize electric/hybrid cars.

More, leveled parking!! I arrive an hour early and "hunt" for parking. True last quarter, true this.

a shuttle service like Stanford