



JPB Board of Directors
Meeting of May 6, 2021

Correspondence as of April 30, 2021

Subject

1 Agenda Item 6f: Call for a Public Hearing on Proposed Fare Structure

Caltrain Board Of Directors (PCJPB) Meeting, May 6, 2021.

Comments on Consent Calendar, Agenda Item 6f: Call for a Public Hearing on Proposed Fare Structure Changes, from Jeff Carter.

I am in support of calling for a public hearing at the May 24, 2021 JPB Finance Committee Meeting, as outlined in the staff report.

While not the subject of the public hearing, I understand that staff plans to bring a comprehensive fare package in the near future as noted in the Executive Directors Report from the Minutes of March 4, 2021, PCJPB Board Meeting:

“Mr. Hartnett announced that Caltrain is temporarily reducing its monthly pass price by 20 percent; **staff will be bringing back a comprehensive fare package for the Board’s consideration in the Spring,** and there would be an adjusted schedule effective March 22.” Emphasis added.

Given the new normal, post pandemic travel and working patterns, Caltrain must consider new fare product options:

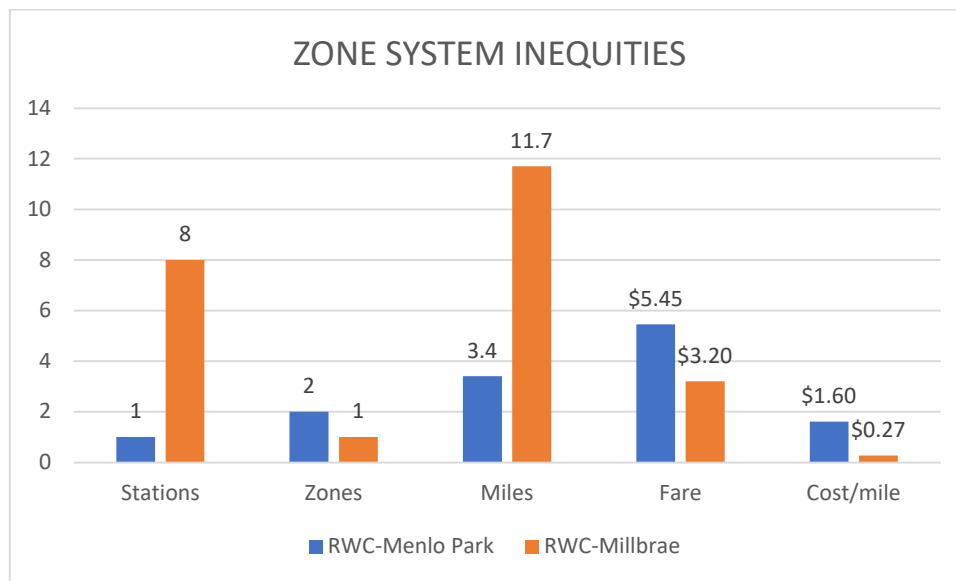
- 1) A 15-ride ticket at a reasonable discount. This will benefit regular but non-daily customers. The new normal may have people going into the office a few days per week, who may not need a full monthly pass.
- 2) A 7-day pass which would offer a discount similar to the monthly pass. This lower cost alternative would benefit lower income customers who can not afford the full monthly pass. It will also benefit customers who take vacations for part of the month. This pass would differ from the monthly in that it would be effective for 7 days after first activation.

These two items would be consistent with the adopted Fare Policy which considers structuring fares to incentivize rider behavior in support of the agency’s policy goals.

Additionally, Caltrain must drop the unfair and inequitable zone system and introduce fair and equitable point-to-point fares. Having long, bulky 13-mile zones make the Clipper base fare (\$3.20) and per-zone fare (\$2.25) unreasonably high. If you have the misfortune of using a station at the zone boundary, you must pay significantly higher fare to travel one or two stations in one direction compared to travelling one or two stations in the opposite direction. As soon as you get on Caltrain you pay for 13 miles, if you happen cross a zone boundary by just one station you are forced to pay for 26 miles.

The following page is an example of the unfairness of the current zone system and an example of a fairer distance-based point-to-point fare system. Clipper fares represented here.

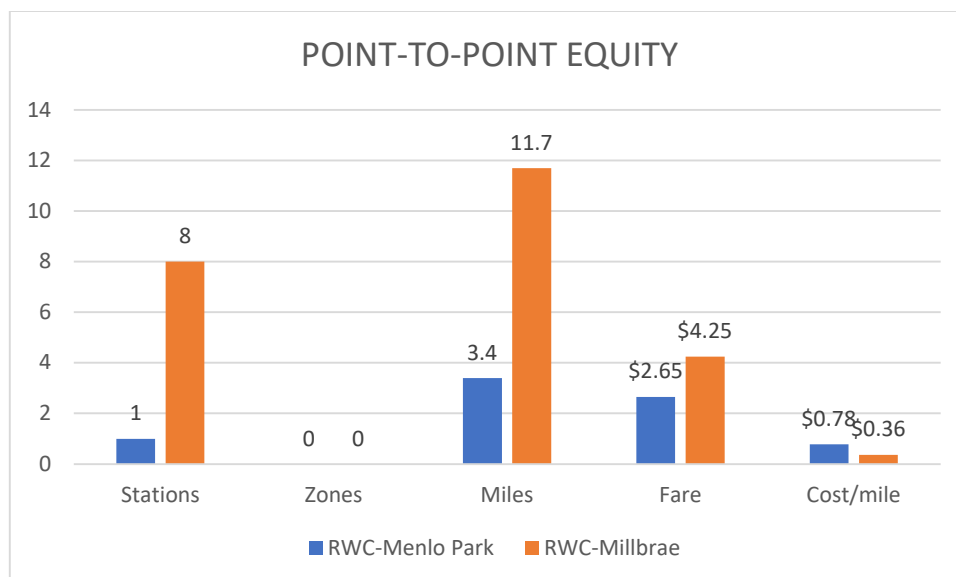
Station Pairs	Stations	Zones	Miles	Fare	Cost/mile
RWC-Menlo Park	1	2	3.4	\$5.45	\$1.60
RWC-Millbrae	8	1	11.7	\$3.20	\$0.27



We must ask ourselves, is it fair to pay \$5.45 for 1 station or 3.4 miles while it costs \$3.20 for 8 stations or 11.7 miles? So, one measly station (RWC – Menlo Park) costs the same as it does to go 13 stations or 25.3 miles if you are travelling from Redwood City to 4th & King.

Here is an example of a more fair and equitable point-to-point fare system where base fare is \$2.00 and cost per mile is \$0.19. We can see that this is much fairer than the current zone system.

Station Pairs	Stations	Zones	Miles	Fare	Cost/mile
RWC-Menlo Park	1	N/A	3.4	\$2.65	\$0.78
RWC-Millbrae	8	N/A	11.7	\$4.25	\$0.36



I have developed a distance-based fare matrix some years ago, which shows station-to-station fares along with monthly, 15-ride, and 7-day fare products. I will send this package to the Board separately.

A point-to-point fare system would also be consistent with the Fare Policy which considers structuring fares to incentivize rider behavior in support of the agency's policy goals. A lower base (and per station) fare would incentivize more people to try Caltrain for short trips, it would make Caltrain more affordable for lower income customers, this is a no-brainer.

The zones are left over from a bygone era, pre-proof-of-payment (POP), where traditional "commuter rail" service operated with conductors selling /checking tickets throughout the entire run. Now with TVM-based POP, zones are superfluous.

Thank-You for your time and consideration,

Jeff Carter

From: [Jeff Carter](#)
To: [Public Comment](#)
Cc: JCARTRAIN@aol.com
Subject: Re: Public Comments Re: Consent Calendar, Agenda Item 6f: Call for a Public Hearing on Proposed Fare Structure
Date: Wednesday, May 5, 2021 6:20:50 PM
Attachments: [Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 FARES.pdf](#)
[Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 INTERSTATION MILES.pdf](#)

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders.

Good Evening.

Attached are PDF files showing an example of station-to-station, distance-based fares and inter-station mileage matrix.

Note that I originally prepared this a few years ago and revised in May 2020 and thus included Atherton Station. This May 2021 revision shows Atherton in a white font and includes a 15-ride ticket instead of an 8-ride ticket. Multipliers have been revised to reflect the current (temporary) 20% discount on the monthly pass. Unfortunately, I did not have time to round off the fares for the 15-ride ticket and the 7-day pass. Lets make Caltrain fares fair and equitable and affordable for low income customers and to encourage increased ridership and revenue.

Thanks again for your time and consideration, I look forward to discussion with staff on revamping the fare system.

Jeff Carter

In a message dated 5/5/2021 4:52:43 PM Pacific Standard Time, jcartrain@aol.com writes:

To Caltrain Peninsula Corridor Joint Powers Board of Directors,
See attached comments regarding: Consent Calendar, Agenda Item 6f: Call for a Public Hearing on Proposed Fare Structure.
My Best Regards,
Jeff Carter

Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 SINGLE TRIP ROUNDED

MI	0.2	0	1.6	5.06	9.1	11	13.56	15.13	16.23	17.6	18.93	20.14	21.83	23.09	25.3	27.7	28.74	30	31.63	33.99	35.97	38.62	40.62	44.3	45.59	46.85	48.56	52.4	55.7	67.5	71.2	77.46
Station	San Francisco	22nd Street	Bayshore	So. San Francisco	San Bruno	Millbrae	Broadway	Burlingame	San Mateo	Hayward Park	Hillsdale	Belmont	San Carlos	Redwood City	Atherton	Menlo Park	Palo Alto	California Ave	San Antonio	Mt. View	Sunnyvale	Lawrence	Santa Clara	College Park	San Jose (Cahill)	Tamien	Capitol	Blossom Hill	Morgan Hill	San Martin	Gilroy	
0.00	San Francisco	X																														
1.60	22nd Street	\$2.30	X																													
5.06	Bayshore	\$2.95	\$2.65	X																												
9.10	So. San Francisco	\$3.75	\$3.40	\$2.75	X																											
11.00	San Bruno	\$4.10	\$3.80	\$3.15	\$2.35	X																										
13.56	Millbrae	\$4.60	\$4.25	\$3.60	\$2.85	\$2.50	X																									
15.13	Broadway	\$4.85	\$4.55	\$3.90	\$3.15	\$2.80	\$2.30	X																								
16.23	Burlingame	\$5.10	\$4.80	\$4.10	\$3.35	\$3.00	\$2.50	\$2.20	X																							
17.60	San Mateo	\$5.35	\$5.05	\$4.40	\$3.60	\$3.25	\$2.75	\$2.45	\$2.25	X																						
18.93	Hayward Park	\$5.60	\$5.30	\$4.65	\$3.85	\$3.50	\$3.00	\$2.70	\$2.50	\$2.25	X																					
20.14	Hillsdale	\$5.85	\$5.50	\$4.85	\$4.10	\$3.75	\$3.25	\$2.95	\$2.75	\$2.50	\$2.25	X																				
21.83	Belmont	\$6.15	\$5.85	\$5.20	\$4.40	\$4.05	\$3.55	\$3.25	\$3.05	\$2.80	\$2.55	\$2.30	X																			
23.09	San Carlos	\$6.40	\$6.10	\$5.45	\$4.65	\$4.30	\$3.80	\$3.50	\$3.30	\$3.05	\$2.80	\$2.55	\$2.25	X																		
25.30	Redwood City	\$6.80	\$6.50	\$5.85	\$5.10	\$4.70	\$4.25	\$3.95	\$3.70	\$3.45	\$3.20	\$3.00	\$2.65	\$2.40	X																	
27.70	Atherton	\$7.25	\$6.95	\$6.30	\$5.55	\$5.15	\$4.70	\$4.40	\$4.20	\$3.90	\$3.65	\$3.45	\$3.10	\$2.90	\$2.45	X																
28.74	Menlo Park	\$7.45	\$7.15	\$6.50	\$5.75	\$5.35	\$4.90	\$4.60	\$4.40	\$4.10	\$3.85	\$3.65	\$3.30	\$3.05	\$2.65		X															
30.00	Palo Alto	\$7.70	\$7.40	\$6.75	\$5.95	\$5.60	\$5.10	\$4.85	\$4.60	\$4.35	\$4.10	\$3.85	\$3.55	\$3.30	\$2.90	\$2.45	\$2.25	X														
31.63	California Ave	\$8.00	\$7.70	\$7.05	\$6.30	\$5.90	\$5.45	\$5.15	\$4.95	\$4.65	\$4.40	\$4.20	\$3.85	\$3.60	\$3.20		\$2.55	\$2.30	X													
33.99	San Antonio	\$8.45	\$8.15	\$7.50	\$6.75	\$6.35	\$5.90	\$5.60	\$5.35	\$5.10	\$4.85	\$4.65	\$4.30	\$4.05	\$3.65	\$3.20	\$3.00	\$2.75	\$2.45	X												
35.97	Mt. View	\$8.85	\$8.55	\$7.85	\$7.10	\$6.75	\$6.25	\$5.95	\$5.75	\$5.50	\$5.25	\$5.00	\$4.70	\$4.45	\$4.05		\$3.35	\$3.15	\$2.80	\$2.40	X											
38.62	Sunnyvale	\$9.35	\$9.05	\$8.40	\$7.60	\$7.25	\$6.75	\$6.45	\$6.25	\$6.00	\$5.75	\$5.50	\$5.20	\$4.95	\$4.55	\$4.05	\$3.90	\$3.65	\$3.35	\$2.90	\$2.50	X										
40.62	Lawrence	\$9.70	\$9.40	\$8.75	\$8.00	\$7.65	\$7.15	\$6.85	\$6.65	\$6.35	\$6.10	\$5.90	\$5.55	\$5.35	\$4.90		\$4.25	\$4.00	\$3.70	\$3.25	\$2.90	\$2.40	X									
44.30	Santa Clara	\$10.40	\$10.10	\$9.45	\$8.70	\$8.35	\$7.85	\$7.55	\$7.35	\$7.05	\$6.80	\$6.60	\$6.25	\$6.05	\$5.60	\$5.15	\$4.95	\$4.70	\$4.40	\$3.95	\$3.60	\$3.10	\$2.70	X								
45.59	College Park	\$10.65	\$10.35	\$9.70	\$8.95	\$8.55	\$8.10	\$7.80	\$7.60	\$7.30	\$7.05	\$6.85	\$6.50	\$6.30	\$5.85		\$5.20	\$4.95	\$4.65	\$4.20	\$3.85	\$3.30	\$2.95	\$2.25	X							
46.85	San Jose (Cahill)	\$10.90	\$10.60	\$9.95	\$9.15	\$8.80	\$8.35	\$8.05	\$7.80	\$7.55	\$7.30	\$7.05	\$6.75	\$6.50	\$6.10	\$5.65	\$5.45	\$5.20	\$4.90	\$4.45	\$4.05	\$3.55	\$3.20	\$2.50	\$2.25	X						
48.56	Tamien	\$11.25	\$10.90	\$10.25	\$9.50	\$9.15	\$8.65	\$8.35	\$8.15	\$7.90	\$7.65	\$7.40	\$7.10	\$6.85	\$6.40		\$5.75	\$5.55	\$5.20	\$4.75	\$4.40	\$3.90	\$3.50	\$2.80	\$2.55	\$2.30	X					
52.40	Capitol	\$11.95	\$11.65	\$11.00	\$10.25	\$9.85	\$9.40	\$9.10	\$8.85	\$8.60	\$8.35	\$8.15	\$7.80	\$7.55	\$7.15	\$6.70	\$6.50	\$6.25	\$5.95	\$5.50	\$5.10	\$4.60	\$4.25	\$3.55	\$3.30	\$3.05	\$2.75	X				
55.70	Blossom Hill	\$12.60	\$12.30	\$11.60	\$10.85	\$10.50	\$10.00	\$9.70	\$9.50	\$9.25	\$9.00	\$8.75	\$8.45	\$8.20	\$7.80		\$7.10	\$6.90	\$6.55	\$6.10	\$5.75	\$5.25	\$4.85	\$4.15	\$3.90	\$3.70	\$3.35	\$2.65	X			
67.50	Morgan Hill	\$14.80	\$14.50	\$13.85	\$13.10	\$12.75	\$12.25	\$11.95	\$11.75	\$11.50	\$11.25	\$11.00	\$10.70	\$10.45	\$10.00	\$9.55	\$9.35	\$9.15	\$8.80	\$8.35	\$8.00	\$7.50	\$7.10	\$6.40	\$6.15	\$5.90	\$5.60	\$4.85	\$4.25	X		
71.20	San Martin	\$15.55	\$15.20	\$14.55	\$13.80	\$13.45	\$12.95	\$12.65	\$12.45	\$12.20	\$11.95	\$11.70	\$11.40	\$11.15	\$10.70		\$10.05	\$9.85	\$9.50	\$9.05	\$8.70	\$8.20	\$7.80	\$7.10	\$6.85	\$6.65	\$6.30	\$5.55	\$4.95	\$2.70	X	
77.46	Gilroy	\$16.70	\$16.40	\$15.75	\$15.00	\$14.65	\$14.15	\$13.85	\$13.65	\$13.35	\$13.10	\$12.90	\$12.55	\$12.35	\$11.90	\$11.45	\$11.25	\$11.00	\$10.70	\$10.25	\$9.90	\$9.40	\$9.00	\$8.30	\$8.05	\$7.80	\$7.50	\$6.75	\$6.15	\$3.90	\$3.20	X

BASE: \$2.00
PER MILE \$ 0.19

Prepared by Jeff Carter, May 2020 Revised May 2021

Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 MONTHLY PASS ROUNDED

	MI	0	1.6	5.06	9.1	11	13.56	15.13	16.23	17.6	18.93	20.14	21.83	23.09	25.3	27.7	28.74	30	31.63	33.99	35.97	38.62	40.62	44.3	45.59	46.85	48.56	52.4	55.7	67.5	71.2	77.46			
Station	San Francisco	22nd Street	Bayshore	So. San Francisco	San Bruno	Millbrae	Broadway	Burlingame	San Mateo	Hayward Park	Hillsdale	Belmont	San Carlos	Redwood City	Atherton	Menlo Park	Palo Alto	California Ave	San Antonio	Mt. View	Sunnyvale	Lawrence	Santa Clara	College Park	San Jose (Cahill)	Tamien	Capitol	Blossom Hill	Morgan Hill	San Martin	Gilroy				
0.00	San Francisco	X																																	
1.60	22nd Street	\$55.20	X																																
5.06	Bayshore	\$70.80	\$63.60	X																															
9.10	So. San Francisco	\$90.00	\$81.60	\$66.00	X																														
11.00	San Bruno	\$98.40	\$91.20	\$75.60	\$56.40	X																													
13.56	Millbrae	\$110.40	\$102.00	\$86.40	\$68.40	\$60.00	X																												
15.13	Broadway	\$116.40	\$109.20	\$93.60	\$75.60	\$67.20	\$55.20	X																											
16.23	Burlingame	\$122.40	\$115.20	\$98.40	\$80.40	\$72.00	\$60.00	\$52.80	X																										
17.60	San Mateo	\$128.40	\$121.20	\$105.60	\$86.40	\$78.00	\$66.00	\$58.80	\$54.00	X																									
18.93	Hayward Park	\$134.40	\$127.20	\$111.60	\$92.40	\$84.00	\$72.00	\$64.80	\$60.00	\$54.00	X																								
20.14	Hillsdale	\$140.40	\$132.00	\$116.40	\$98.40	\$90.00	\$78.00	\$70.80	\$66.00	\$60.00	\$54.00	X																							
21.83	Belmont	\$147.60	\$140.40	\$124.80	\$105.60	\$97.20	\$85.20	\$78.00	\$73.20	\$67.20	\$61.20	\$55.20	X																						
23.09	San Carlos	\$153.60	\$146.40	\$130.80	\$111.60	\$103.20	\$91.20	\$84.00	\$79.20	\$73.20	\$67.20	\$61.20	\$54.00	X																					
25.30	Redwood City	\$163.20	\$156.00	\$140.40	\$122.40	\$112.80	\$102.00	\$94.80	\$88.80	\$82.80	\$76.80	\$72.00	\$63.60	\$57.60	X																				
27.70	Atherton	\$174.00	\$166.80	\$151.20	\$133.20	\$123.60	\$112.80	\$105.60	\$100.80	\$93.60	\$87.60	\$82.80	\$74.40	\$69.60	\$58.80	X																			
28.74	Menlo Park	\$178.80	\$171.60	\$156.00	\$138.00	\$128.40	\$117.60	\$110.40	\$105.60	\$98.40	\$92.40	\$87.60	\$79.20	\$73.20	\$63.60		X																		
30.00	Palo Alto	\$184.80	\$177.60	\$162.00	\$142.80	\$134.40	\$122.40	\$116.40	\$110.40	\$104.40	\$98.40	\$92.40	\$85.20	\$79.20	\$69.60	\$58.80	\$54.00	X																	
31.63	California Ave	\$192.00	\$184.80	\$169.20	\$151.20	\$141.60	\$130.80	\$123.60	\$118.80	\$111.60	\$105.60	\$100.80	\$92.40	\$86.40	\$76.80		\$61.20	\$55.20	X																
33.99	San Antonio	\$202.80	\$195.60	\$180.00	\$162.00	\$152.40	\$141.60	\$134.40	\$128.40	\$122.40	\$116.40	\$111.60	\$103.20	\$97.20	\$87.60	\$76.80	\$72.00	\$66.00	\$58.80	X															
35.97	Mt. View	\$212.40	\$205.20	\$188.40	\$170.40	\$162.00	\$150.00	\$142.80	\$138.00	\$132.00	\$126.00	\$120.00	\$112.80	\$106.80	\$97.20		\$80.40	\$75.60	\$67.20	\$57.60	X														
38.62	Sunnyvale	\$224.40	\$217.20	\$201.60	\$182.40	\$174.00	\$162.00	\$154.80	\$150.00	\$144.00	\$138.00	\$132.00	\$124.80	\$118.80	\$109.20	\$97.20	\$93.60	\$87.60	\$80.40	\$69.60	\$60.00	X													
40.62	Lawrence	\$232.80	\$225.60	\$210.00	\$192.00	\$183.60	\$171.60	\$164.40	\$159.60	\$152.40	\$146.40	\$141.60	\$133.20	\$128.40	\$117.60		\$102.00	\$96.00	\$88.80	\$78.00	\$69.60	\$57.60	X												
44.30	Santa Clara	\$249.60	\$242.40	\$226.80	\$208.80	\$200.40	\$188.40	\$181.20	\$176.40	\$169.20	\$163.20	\$158.40	\$150.00	\$145.20	\$134.40	\$123.60	\$118.80	\$112.80	\$105.60	\$94.80	\$86.40	\$74.40	\$64.80	X											
45.59	College Park	\$255.60	\$248.40	\$232.80	\$214.80	\$205.20	\$194.40	\$187.20	\$182.40	\$175.20	\$169.20	\$164.40	\$156.00	\$151.20	\$140.40		\$124.80	\$118.80	\$111.60	\$100.80	\$92.40	\$79.20	\$70.80	\$54.00	X										
46.85	San Jose (Cahill)	\$261.60	\$254.40	\$238.80	\$219.60	\$211.20	\$200.40	\$193.20	\$187.20	\$181.20	\$175.20	\$169.20	\$162.00	\$156.00	\$146.40	\$135.60	\$130.80	\$124.80	\$117.60	\$106.80	\$97.20	\$85.20	\$76.80	\$60.00	\$54.00	X									
48.56	Tamien	\$270.00	\$261.60	\$246.00	\$228.00	\$219.60	\$207.60	\$200.40	\$195.60	\$189.60	\$183.60	\$177.60	\$170.40	\$164.40	\$153.60		\$138.00	\$133.20	\$124.80	\$114.00	\$105.60	\$93.60	\$84.00	\$67.20	\$61.20	\$55.20	X								
52.40	Capitol	\$286.80	\$279.60	\$264.00	\$246.00	\$236.40	\$225.60	\$218.40	\$212.40	\$206.40	\$200.40	\$195.60	\$187.20	\$181.20	\$171.60	\$160.80	\$156.00	\$150.00	\$142.80	\$132.00	\$122.40	\$110.40	\$102.00	\$85.20	\$79.20	\$73.20	\$66.00	X							
55.70	Blossom Hill	\$302.40	\$295.20	\$278.40	\$260.40	\$252.00	\$240.00	\$232.80	\$228.00	\$222.00	\$216.00	\$210.00	\$202.80	\$196.80	\$187.20		\$170.40	\$165.60	\$157.20	\$146.40	\$138.00	\$126.00	\$116.40	\$99.60	\$93.60	\$88.80	\$80.40	\$63.60	X						
67.50	Morgan Hill	\$355.20	\$348.00	\$332.40	\$314.40	\$306.00	\$294.00	\$286.80	\$282.00	\$276.00	\$270.00	\$264.00	\$256.80	\$250.80	\$240.00	\$229.20	\$224.40	\$219.60	\$211.20	\$200.40	\$192.00	\$180.00	\$170.40	\$153.60	\$147.60	\$141.60	\$134.40	\$116.40	\$102.00	X					
71.20	San Martin	\$373.20	\$364.80	\$349.20	\$331.20	\$322.80	\$310.80	\$303.60	\$298.80	\$292.80	\$286.80	\$280.80	\$273.60	\$267.60	\$256.80		\$241.20	\$236.40	\$228.00	\$217.20	\$208.80	\$196.80	\$187.20	\$170.40	\$164.40	\$159.60	\$151.20	\$133.20	\$118.80	\$64.80	X				
77.46	Gilroy	\$400.80	\$393.60	\$378.00	\$360.00	\$351.60	\$339.60	\$332.40	\$327.60	\$320.40	\$314.40	\$309.60	\$301.20	\$296.40	\$285.60	\$274.80	\$270.00	\$264.00	\$256.80	\$246.00	\$237.60	\$225.60	\$216.00	\$199.20	\$193.20	\$187.20	\$180.00	\$162.00	\$147.60	\$93.60	\$76.80	X			

MONTHLY
MULTIPLIER 24

Prepared by Jeff Carter, May 2020 Revised May 2021

Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 7-DAY PASS

	MI	0	1.6	5.06	9.1	11	13.56	15.13	16.23	17.6	18.93	20.14	21.83	23.09	25.3	27.7	28.74	30	31.63	33.99	35.97	38.62	40.62	44.3	45.59	46.85	48.56	52.4	55.7	67.5	71.2	77.46
Station	San Francisco	22nd Street	Baysshore	So. San Francisco	San Bruno	Millbrae	Broadway	Burlingame	San Mateo	Hayward Park	Hillsdale	Belmont	San Carlos	Redwood City	Atherton	Menlo Park	Palo Alto	California Ave	San Antonio	Mt. View	Sunnyvale	Lawrence	Santa Clara	College Park	San Jose (Cahill)	Tamien	Capitol	Blossom Hill	Morgan Hill	San Martin	Gilroy	
0.00	San Francisco	X																														
1.60	22nd Street	\$14.95	X																													
5.06	Baysshore	\$19.18	\$17.23	X																												
9.10	So. San Francisco	\$24.38	\$22.10	\$17.88	X																											
11.00	San Bruno	\$26.65	\$24.70	\$20.48	\$15.28	X																										
13.56	Millbrae	\$29.90	\$27.63	\$23.40	\$18.53	\$16.25	X																									
15.13	Broadway	\$31.53	\$29.58	\$25.35	\$20.48	\$18.20	\$14.95	X																								
16.23	Burlingame	\$33.15	\$31.20	\$26.65	\$21.78	\$19.50	\$16.25	\$14.30	X																							
17.60	San Mateo	\$34.78	\$32.83	\$28.60	\$23.40	\$21.13	\$17.88	\$15.93	\$14.63	X																						
18.93	Hayward Park	\$36.40	\$34.45	\$30.23	\$25.03	\$22.75	\$19.50	\$17.55	\$16.25	\$14.63	X																					
20.14	Hillsdale	\$38.03	\$35.75	\$31.53	\$26.65	\$24.38	\$21.13	\$19.18	\$17.88	\$16.25	\$14.63	X																				
21.83	Belmont	\$39.98	\$38.03	\$33.80	\$28.60	\$26.33	\$23.08	\$21.13	\$19.83	\$18.20	\$16.58	\$14.95	X																			
23.09	San Carlos	\$41.60	\$39.65	\$35.43	\$30.23	\$27.95	\$24.70	\$22.75	\$21.45	\$19.83	\$18.20	\$16.58	\$14.63	X																		
25.30	Redwood City	\$44.20	\$42.25	\$38.03	\$33.15	\$30.55	\$27.63	\$25.68	\$24.05	\$22.43	\$20.80	\$19.50	\$17.23	\$15.60	X																	
27.70	Atherton	\$47.13	\$45.18	\$40.95	\$36.08	\$33.48	\$30.55	\$28.60	\$27.30	\$25.35	\$23.73	\$22.43	\$20.15	\$18.85	\$15.93	X																
28.74	Menlo Park	\$48.43	\$46.48	\$42.25	\$37.38	\$34.78	\$31.85	\$29.90	\$28.60	\$26.65	\$25.03	\$23.73	\$21.45	\$19.83	\$17.23		X															
30.00	Palo Alto	\$50.05	\$48.10	\$43.88	\$38.68	\$36.40	\$33.15	\$31.53	\$29.90	\$28.28	\$26.65	\$25.03	\$23.08	\$21.45	\$18.85	\$15.93	\$14.63	X														
31.63	California Ave	\$52.00	\$50.05	\$45.83	\$40.95	\$38.35	\$35.43	\$33.48	\$32.18	\$30.23	\$28.60	\$27.30	\$25.03	\$23.40	\$20.80		\$16.58	\$14.95	X													
33.99	San Antonio	\$54.93	\$52.98	\$48.75	\$43.88	\$41.28	\$38.35	\$36.40	\$34.78	\$33.15	\$31.53	\$30.23	\$27.95	\$26.33	\$23.73	\$20.80	\$19.50	\$17.88	\$15.93	X												
35.97	Mt. View	\$57.53	\$55.58	\$51.03	\$46.15	\$43.88	\$40.63	\$38.68	\$37.38	\$35.75	\$34.13	\$32.50	\$30.55	\$28.93	\$26.33	\$21.78	\$20.48	\$18.20	\$15.60		X											
38.62	Sunnyvale	\$60.78	\$58.83	\$54.60	\$49.40	\$47.13	\$43.88	\$41.93	\$40.63	\$39.00	\$37.38	\$35.75	\$33.80	\$32.18	\$29.58	\$26.33	\$25.35	\$23.73	\$21.78	\$18.85	\$16.25	X										
40.62	Lawrence	\$63.05	\$61.10	\$56.88	\$52.00	\$49.73	\$46.48	\$44.53	\$43.23	\$41.28	\$39.65	\$38.35	\$36.08	\$34.78	\$31.85	\$27.63	\$26.00	\$24.05	\$21.13	\$18.85	\$15.60		X									
44.30	Santa Clara	\$67.60	\$65.65	\$61.43	\$56.55	\$54.28	\$51.03	\$49.08	\$47.78	\$45.83	\$44.20	\$42.90	\$40.63	\$39.33	\$36.40	\$33.48	\$32.18	\$30.55	\$28.60	\$25.68	\$23.40	\$20.15	\$17.55	X								
45.59	College Park	\$69.23	\$67.28	\$63.05	\$58.18	\$55.58	\$52.65	\$50.70	\$49.40	\$47.45	\$45.83	\$44.53	\$42.25	\$40.95	\$38.03		\$33.80	\$32.18	\$30.23	\$27.30	\$25.03	\$21.45	\$19.18	\$14.63	X							
46.85	San Jose (Cahill)	\$70.85	\$68.90	\$64.68	\$59.48	\$57.20	\$54.28	\$52.33	\$50.70	\$49.08	\$47.45	\$45.83	\$43.88	\$42.25	\$39.65	\$36.73	\$35.43	\$33.80	\$31.85	\$28.93	\$26.33	\$23.08	\$20.80	\$16.25	\$14.63	X						
48.56	Tamien	\$73.13	\$70.85	\$66.63	\$61.75	\$59.48	\$56.23	\$54.28	\$52.98	\$51.35	\$49.73	\$48.10	\$46.15	\$44.53	\$41.60		\$37.38	\$36.08	\$33.80	\$30.88	\$28.60	\$25.35	\$22.75	\$18.20	\$16.58	\$14.95	X					
52.40	Capitol	\$77.68	\$75.73	\$71.50	\$66.63	\$64.03	\$61.10	\$59.15	\$57.53	\$55.90	\$54.28	\$52.98	\$50.70	\$49.08	\$46.48	\$43.55	\$42.25	\$40.63	\$38.68	\$35.75	\$33.15	\$29.90	\$27.63	\$23.08	\$21.45	\$19.83	\$17.88	X				
55.70	Blossom Hill	\$81.90	\$79.95	\$75.40	\$70.53	\$68.25	\$65.00	\$63.05	\$61.75	\$60.13	\$58.50	\$56.88	\$54.93	\$53.30	\$50.70		\$46.15	\$44.85	\$42.58	\$39.65	\$37.38	\$34.13	\$31.53	\$26.98	\$25.35	\$24.05	\$21.78	\$17.23	X			
67.50	Morgan Hill	\$96.20	\$94.25	\$90.03	\$85.15	\$82.88	\$79.63	\$77.68	\$76.38	\$74.75	\$73.13	\$71.50	\$69.55	\$67.93	\$65.00	\$62.08	\$60.78	\$59.48	\$57.20	\$54.28	\$52.00	\$48.75	\$46.15	\$41.60	\$39.98	\$38.35	\$36.40	\$31.53	\$27.63	X		
71.20	San Martin	\$101.08	\$98.80	\$94.58	\$89.70	\$87.43	\$84.18	\$82.23	\$80.93	\$79.30	\$77.68	\$76.05	\$74.10	\$72.48	\$69.55		\$65.33	\$64.03	\$61.75	\$58.83	\$56.55	\$53.30	\$50.70	\$46.15	\$44.53	\$43.23	\$40.95	\$36.08	\$32.18	\$17.55	X	
77.46	Gilroy	\$108.55	\$106.60	\$102.38	\$97.50	\$95.23	\$91.98	\$90.03	\$88.73	\$86.78	\$85.15	\$83.85	\$81.58	\$80.28	\$77.35	\$74.43	\$73.13	\$71.50	\$69.55	\$66.63	\$64.35	\$61.10	\$58.50	\$53.95	\$52.33	\$50.70	\$48.75	\$43.88	\$39.98	\$25.35	\$20.80	X

**7-DAY
MULTIPLIER 6.5**

Prepared by Jeff Carter, May 2020 Revised May 2021

Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 15-RIDE

	MI	0	1.6	5.06	9.1	11	13.56	15.13	16.23	17.6	18.93	20.14	21.83	23.09	25.3	27.7	28.74	30	31.63	33.99	35.97	38.62	40.62	44.3	45.59	46.85	48.56	52.4	55.7	67.5	71.2	77.46				
Station	San Francisco	22nd Street	Bayshore	So. San Francisco	San Bruno	Millbrae	Broadway	Burlingame	San Mateo	Hayward Park	Hillsdale	Belmont	San Carlos	Redwood City	Atherton	Menlo Park	Palo Alto	California Ave	San Antonio	Mt. View	Sunnyvale	Lawrence	Santa Clara	College Park	San Jose (Cahill)	Tamien	Capitol	Blossom Hill	Morgan Hill	San Martin	Gilroy					
0.00	San Francisco	X																																		
1.60	22nd Street	\$25.88	X																																	
5.06	Bayshore	\$33.19	\$29.81	X																																
9.10	So. San Francisco	\$42.19	\$38.25	\$30.94	X																															
11.00	San Bruno	\$46.13	\$42.75	\$35.44	\$26.44	X																														
13.56	Millbrae	\$51.75	\$47.81	\$40.50	\$32.06	\$28.13	X																													
15.13	Broadway	\$54.56	\$51.19	\$43.88	\$35.44	\$31.50	\$25.88	X																												
16.23	Burlingame	\$57.38	\$54.00	\$46.13	\$37.69	\$33.75	\$28.13	\$24.75	X																											
17.60	San Mateo	\$60.19	\$56.81	\$49.50	\$40.50	\$36.56	\$30.94	\$27.56	\$25.31	X																										
18.93	Hayward Park	\$63.00	\$59.63	\$52.31	\$43.31	\$39.38	\$33.75	\$30.38	\$28.13	\$25.31	X																									
20.14	Hillsdale	\$65.81	\$61.88	\$54.56	\$46.13	\$42.19	\$36.56	\$33.19	\$30.94	\$28.13	\$25.31	X																								
21.83	Belmont	\$69.19	\$65.81	\$58.50	\$49.50	\$45.56	\$39.94	\$36.56	\$34.31	\$31.50	\$28.69	\$25.88	X																							
23.09	San Carlos	\$72.00	\$68.63	\$61.31	\$52.31	\$48.38	\$42.75	\$39.38	\$37.13	\$34.31	\$31.50	\$28.69	\$25.31	X																						
25.30	Redwood City	\$76.50	\$73.13	\$65.81	\$57.38	\$52.88	\$47.81	\$44.44	\$41.63	\$38.81	\$36.00	\$33.75	\$29.81	\$27.00	X																					
27.70	Atherton	\$81.56	\$78.19	\$70.88	\$62.44	\$57.94	\$52.88	\$49.50	\$47.25	\$43.88	\$41.06	\$38.81	\$34.88	\$32.63	\$27.56	X																				
28.74	Menlo Park	\$83.81	\$80.44	\$73.13	\$64.69	\$60.19	\$55.13	\$51.75	\$49.50	\$46.13	\$43.31	\$41.06	\$37.13	\$34.31	\$29.81		X																			
30.00	Palo Alto	\$86.63	\$83.25	\$75.94	\$66.94	\$63.00	\$57.38	\$54.56	\$51.75	\$48.94	\$46.13	\$43.31	\$39.94	\$37.13	\$32.63	\$27.56	\$25.31	X																		
31.63	California Ave	\$90.00	\$86.63	\$79.31	\$70.88	\$66.38	\$61.31	\$57.94	\$55.69	\$52.31	\$49.50	\$47.25	\$43.31	\$40.50	\$36.00		\$28.69	\$25.88	X																	
33.99	San Antonio	\$95.06	\$91.69	\$84.38	\$75.94	\$71.44	\$66.38	\$63.00	\$60.19	\$57.38	\$54.56	\$52.31	\$48.38	\$45.56	\$41.06	\$36.00	\$33.75	\$30.94	\$27.56	X																
35.97	Mt. View	\$99.56	\$96.19	\$88.31	\$79.88	\$75.94	\$70.31	\$66.94	\$64.69	\$61.88	\$59.06	\$56.25	\$52.88	\$50.06	\$45.56		\$37.69	\$35.44	\$31.50	\$27.00	X															
38.62	Sunnyvale	\$105.19	\$101.81	\$94.50	\$85.50	\$81.56	\$75.94	\$72.56	\$70.31	\$67.50	\$64.69	\$61.88	\$58.50	\$55.69	\$51.19	\$45.56	\$43.88	\$41.06	\$37.69	\$32.63	\$28.13	X														
40.62	Lawrence	\$109.13	\$105.75	\$98.44	\$90.00	\$86.06	\$80.44	\$77.06	\$74.81	\$71.44	\$68.63	\$66.38	\$62.44	\$60.19	\$55.13		\$47.81	\$45.00	\$41.63	\$36.56	\$32.63	\$27.00	X													
44.30	Santa Clara	\$117.00	\$113.63	\$106.31	\$97.88	\$93.94	\$88.31	\$84.94	\$82.69	\$79.31	\$76.50	\$74.25	\$70.31	\$68.06	\$63.00	\$57.94	\$55.69	\$52.88	\$49.50	\$44.44	\$40.50	\$34.88	\$30.38	X												
45.59	College Park	\$119.81	\$116.44	\$109.13	\$100.69	\$96.19	\$91.13	\$87.75	\$85.50	\$82.13	\$79.31	\$77.06	\$73.13	\$70.88	\$65.81		\$58.50	\$55.69	\$52.31	\$47.25	\$43.31	\$37.13	\$33.19	\$25.31	X											
46.85	San Jose (Cahill)	\$122.63	\$119.25	\$111.94	\$102.94	\$99.00	\$93.94	\$90.56	\$87.75	\$84.94	\$82.13	\$79.31	\$75.94	\$73.13	\$68.63	\$63.56	\$61.31	\$58.50	\$55.13	\$50.06	\$45.56	\$39.94	\$36.00	\$28.13	\$25.31	X										
48.56	Tamien	\$126.56	\$122.63	\$115.31	\$106.88	\$102.94	\$97.31	\$93.94	\$91.69	\$88.88	\$86.06	\$83.25	\$79.88	\$77.06	\$72.00		\$64.69	\$62.44	\$58.50	\$53.44	\$49.50	\$43.88	\$39.38	\$31.50	\$28.69	\$25.88	X									
52.40	Capitol	\$134.44	\$131.06	\$123.75	\$115.31	\$110.81	\$105.75	\$102.38	\$99.56	\$96.75	\$93.94	\$91.69	\$87.75	\$84.94	\$80.44	\$75.38	\$73.13	\$70.31	\$66.94	\$61.88	\$57.38	\$51.75	\$47.81	\$39.94	\$37.13	\$34.31	\$30.94	X								
55.70	Blossom Hill	\$141.75	\$138.38	\$130.50	\$122.06	\$118.13	\$112.50	\$109.13	\$106.88	\$104.06	\$101.25	\$98.44	\$95.06	\$92.25	\$87.75		\$79.88	\$77.63	\$73.69	\$68.63	\$64.69	\$59.06	\$54.56	\$46.69	\$43.88	\$41.63	\$37.69	\$29.81	X							
67.50	Morgan Hill	\$166.50	\$163.13	\$155.81	\$147.38	\$143.44	\$137.81	\$134.44	\$132.19	\$129.38	\$126.56	\$123.75	\$120.38	\$117.56	\$112.50	\$107.44	\$105.19	\$102.94	\$99.00	\$93.94	\$90.00	\$84.38	\$79.88	\$72.00	\$69.19	\$66.38	\$63.00	\$54.56	\$47.81	X						
71.20	San Martin	\$174.94	\$171.00	\$163.69	\$155.25	\$151.31	\$145.69	\$142.31	\$140.06	\$137.25	\$134.44	\$131.63	\$128.25	\$125.44	\$120.38		\$113.06	\$110.81	\$106.88	\$101.81	\$97.88	\$92.25	\$87.75	\$79.88	\$77.06	\$74.81	\$70.88	\$62.44	\$55.69	\$30.38	X					
77.46	Gilroy	\$187.88	\$184.50	\$177.19	\$168.75	\$164.81	\$159.19	\$155.81	\$153.56	\$150.19	\$147.38	\$145.13	\$141.19	\$138.94	\$133.88	\$128.81	\$126.56	\$123.75	\$120.38	\$115.31	\$111.38	\$105.75	\$101.25	\$93.38	\$90.56	\$87.75	\$84.38	\$75.94	\$69.19	\$43.88	\$36.00	X				

**15-RIDE
MULTIPLIER 11.25**

Prepared by Jeff Carter, May 2020 Revised May 2021

Caltrain Distance Based Fare Matrix May 2020 Rev May 2021 INTERSTATION MILES

MI	0	1.6	5.06	9.1	11	13.56	15.13	16.23	17.6	18.93	20.14	21.83	23.09	25.3	27.7	28.74	30	31.63	33.99	35.97	38.62	40.62	44.3	45.59	46.85	48.56	52.4	55.7	67.5	71.2	77.46	
Station	San Francisco	22nd Street	Bayshore	So. San Francisco	San Bruno	Millbrae	Broadway	Burlingame	San Mateo	Hayward Park	Hillsdale	Belmont	San Carlos	Redwood City	Atherton	Menlo Park	Palo Alto	California Ave	San Antonio	Mt. View	Sunnyvale	Lawrence	Santa Clara	College Park	San Jose (Cahill)	Tamien	Capitol	Blossom Hill	Morgan Hill	San Martin	Gilroy	
0.00	San Francisco	0.0																														
1.60	22nd Street	1.6	0.0																													
5.06	Bayshore	5.1	3.5	0.0																												
9.10	So. San Francisco	9.1	7.5	4.0	0.0																											
11.00	San Bruno	11.0	9.4	5.9	1.9	0.0																										
13.56	Millbrae	13.6	12.0	8.5	4.5	2.6	0.0																									
15.13	Broadway	15.1	13.5	10.1	6.0	4.1	1.6	0.0																								
16.23	Burlingame	16.2	14.6	11.2	7.1	5.2	2.7	1.1	0.0																							
17.60	San Mateo	17.6	16.0	12.5	8.5	6.6	4.0	2.5	1.4	0.0																						
18.93	Hayward Park	18.9	17.3	13.9	9.8	7.9	5.4	3.8	2.7	1.3	0.0																					
20.14	Hillsdale	20.1	18.5	15.1	11.0	9.1	6.6	5.0	3.9	2.5	1.2	0.0																				
21.83	Belmont	21.8	20.2	16.8	12.7	10.8	8.3	6.7	5.6	4.2	2.9	1.7	0.0																			
23.09	San Carlos	23.1	21.5	18.0	14.0	12.1	9.5	8.0	6.9	5.5	4.2	3.0	1.3	0.0																		
25.30	Redwood City	25.3	23.7	20.2	16.2	14.3	11.7	10.2	9.1	7.7	6.4	5.2	3.5	2.2	0.0																	
27.70	Atherton	27.7	26.1	22.6	18.6	16.7	14.1	12.6	11.5	10.1	8.8	7.6	5.9	4.6	2.4	0.0																
28.74	Menlo Park	28.7	27.1	23.7	19.6	17.7	15.2	13.6	12.5	11.1	9.8	8.6	6.9	5.7	3.4	0.0																
30.00	Palo Alto	30.0	28.4	24.9	20.9	19.0	16.4	14.9	13.8	12.4	11.1	9.9	8.2	6.9	4.7	2.3	1.3	0.0														
31.63	California Ave	31.6	30.0	26.6	22.5	20.6	18.1	16.5	15.4	14.0	12.7	11.5	9.8	8.5	6.3	2.9	1.6	0.0														
33.99	San Antonio	34.0	32.4	28.9	24.9	23.0	20.4	18.9	17.8	16.4	15.1	13.9	12.2	10.9	8.7	6.3	5.3	4.0	2.4	0.0												
35.97	Mt. View	36.0	34.4	30.9	26.9	25.0	22.4	20.8	19.7	18.4	17.0	15.8	14.1	12.9	10.7	7.2	6.0	4.3	2.0	0.0												
38.62	Sunnyvale	38.6	37.0	33.6	29.5	27.6	25.1	23.5	22.4	21.0	19.7	18.5	16.8	15.5	13.3	10.9	9.9	8.6	7.0	4.6	2.7	0.0										
40.62	Lawrence	40.6	39.0	35.6	31.5	29.6	27.1	25.5	24.4	23.0	21.7	20.5	18.8	17.5	15.3	11.9	10.6	9.0	6.6	4.7	2.0	0.0										
44.30	Santa Clara	44.3	42.7	39.2	35.2	33.3	30.7	29.2	28.1	26.7	25.4	24.2	22.5	21.2	19.0	16.6	15.6	14.3	12.7	10.3	8.3	5.7	3.7	0.0								
45.59	College Park	45.6	44.0	40.5	36.5	34.6	32.0	30.5	29.4	28.0	26.7	25.5	23.8	22.5	20.3	16.9	15.6	14.0	11.6	9.6	7.0	5.0	1.3	0.0								
46.85	San Jose (Cahill)	46.9	45.3	41.8	37.8	35.9	33.3	31.7	30.6	29.3	27.9	26.7	25.0	23.8	21.6	19.2	18.1	16.9	15.2	12.9	10.9	8.2	6.2	2.6	1.3	0.0						
48.56	Tamien	48.6	47.0	43.5	39.5	37.6	35.0	33.4	32.3	31.0	29.6	28.4	26.7	25.5	23.3	19.8	18.6	16.9	14.6	12.6	9.9	7.9	4.3	3.0	1.7	0.0						
52.40	Capitol	52.4	50.8	47.3	43.3	41.4	38.8	37.3	36.2	34.8	33.5	32.3	30.6	29.3	27.1	24.7	23.7	22.4	20.8	18.4	16.4	13.8	11.8	8.1	6.8	5.6	3.8	0.0				
55.70	Blossom Hill	55.7	54.1	50.6	46.6	44.7	42.1	40.6	39.5	38.1	36.8	35.6	33.9	32.6	30.4	27.0	25.7	24.1	21.7	19.7	17.1	15.1	11.4	10.1	8.9	7.1	3.3	0.0				
67.50	Morgan Hill	67.5	65.9	62.4	58.4	56.5	53.9	52.4	51.3	49.9	48.6	47.4	45.7	44.4	42.2	39.8	38.8	37.5	35.9	33.5	31.5	28.9	26.9	23.2	21.9	20.7	18.9	15.1	11.8	0.0		
71.20	San Martin	71.2	69.6	66.1	62.1	60.2	57.6	56.1	55.0	53.6	52.3	51.1	49.4	48.1	45.9	42.5	41.2	39.6	37.2	35.2	32.6	30.6	26.9	25.6	24.4	22.6	18.8	15.5	3.7	0.0		
77.46	Gilroy	77.5	75.9	72.4	68.4	66.5	63.9	62.3	61.2	59.9	58.5	57.3	55.6	54.4	52.2	49.8	48.7	47.5	45.8	43.5	41.5	38.8	36.8	33.2	31.9	30.6	28.9	25.1	21.8	10.0	6.3	0.0