

# Muni Service Equity Strategy FY2021 - FY2022

## **Equity Strategy Background**



Rooted in Muni Service Equity Policy

#### **Builds on Title VI requirements**

Neighborhood based approach with accessibility addressed city-wide

Policy developed in collaboration with transportation equity and affordable housing advocates

Ensures that investment in Muni system benefits people who rely on transit and need it most

Updated every two years and timed to inform the SFMTA's biennial budget



### **Recommendations Informed by Quantitative Data**



Headway Adherence % of trips with gaps



**Crowding** % of trips over capacity



On Time Performance Meeting the schedule



**Transit-Auto Time Ratio** to key destinations such as SFGH



**NEW METRIC: Service Delivery** % of scheduled service hours delivered

Inbound	1 Additio	liveign	bornoo	u		Septe	mber – No	vember 201
	me Performance							
Service	Category	AM Peak	Midday	School	PM Peak	Evening	Late Night	Owl
Rail (	Metro)	55.6%	38.7%	45.6%	28.0%	22.9%	41.5%	62.3%
Rapid &	Frequent	64.1%	60.8%	60.5%	59.1%	57.3%	61.5%	65.9%
	rid	58.9%	55.6%	57.0%	53.6%	56.8%	59.3%	58.8%
	ialized	66.0%	48.8%		65.3%	51.4%	00.010	87.6%
	nector	56.7%	56.9%	55.5%	51.7%	56.6%	55.6%	58.8%
	w	30.774	50.575	33.3 %	01.776	00.070	55.676	59.9%
Service Cateogry Rapid & Frequent Local	Route Name SR-Futton Rapid 7-HaightNotiega	Full route	sedero St SW-NS	AM Peak 61.0% 55.5% 57.2%	67.1% 68.6% 58.0%	School PM Peak 67.7% 65.0 63.4% 66.4 55.1% 55.5	% 47.2% % 46.9% % 55.1%	Late Night 0
	7R-Height Norlege Reg 22-Fillmore	Height St&Filmon Height St&Filmon Full route		50.8%	55.4%	54.5% 50.7 53.7% 53.8		57.7%
		Filmore St&Vcal	later St SE-NS/BZ	60.5%	55.4%	43.5% 44.8	53.6%	67.6%
Grid	5-Futon	Full route	Full route Mcaliner St&Duisadero St SVLNS		57.3%	59.4% 57.5		54.9%
	6-Height/Parressus	Full route	sadero St SVI-NS	55.4%		72.3% 54.8		55.2%
	C-ray C+arasos	Height St&Fillmon	N SP.PSR7	74.4%	67.1%	65.9% 71.2		74.4%
	21-Hayes	Full route		60.3%	62.3%	67.4% 63.1		
		Hayes St&Divised	tero St SE-FS/BZ	63.5%	71.4%	65.1% 69.4	76.9%	
	24-Divisedero	Full route		58.7%	55.9%	59.1% 56.3		61.9%
Outbound	areen if reighborhood of			46,7% by more than 10% and	44.6% d red if neighborhoc	45.0% 49.9 Id performance lagged		62.9%
	Category	AM Peak	Midday	School	PM Peak	Evening	Late Night	Owl
Rail	Metro)	41.7%	26.5%	29.9%	17.7%	15.7%	33.1%	52.3%
Rapid &	Frequent	66.0%	59.7%	59.9%	54.7%	57.0%	57.3%	64.0%
G	rid	60.7%	56.7%	57.3%	50.9%	57.9%	61.0%	56.2%
Spec	ialized	59.1%	40.0%	65.3%	54.1%	47.4%		64.4%
	nector	64.3%	64.2%	63.9%	61.5%	62.6%	61.6%	72.0%
	w	341010	34.4.70	20.010	511676	52.070	31.010	54.1%

Service Cateopry	Route Name	Stop Name	AM Peak	Middey	School	PM Peak	Evening	Late Night	Ovil		
Rapid & Frequent	5R-Fulton Rapid	Full route	69.2%	62.0%	65.6%	55.6%	58.4%				
Local		Mcellister St&Divisedero St NE-NS	70.2%	60.6%	66.7%	\$0.5%	59.0%				
	7-HaightNorlega	Full route	64.6%	53.0%	52.3%	41.0%	53.5%	59.9%			
		Height St&Filmore St NW-FS/82	68.2%	57.3%	61.4%	41.4%	62.7%	65.5%			
	7R-Haight/Norlega Rapid	Vorlege Rapid Full route									
		Height St&Filmore St NW-PS/BZ									
	22-Filmore	Full route	70.0%	59.0%	60.4%	55.5%	40.9%	52.5%	72.85		
		Filmore St&Mcalleter St SW/FS/BZ	69.4%	55.9%	59.2%	52.9%	48.9%	52.7%	75.91		
Grid	5-Futon	Full route	54.3%	57.4%	63.1%	47.0%	63.0%	61.3%			
		Mcellister St&Divisedero St NE-NS	43.4%	52.5%	58,0%	42.0%	52.4%	59.6%	56.31		
	6-Height/Pernessus	Full route	68.8%	65.3%	64.7%	65.5%	70.3%	75.3%	42.7		
		Height St&Filmore St NW-PS/82	67.9%	58.7%	61.8%	56.5%		78.0%	55.25		
	21-Hayes	Full route	74.2%	60.4%	66.3%	50.2%	65.5%		64.57		
		Hayes St&Divisadero St NVI-FS/BZ	67.2%	59.5%	57.0%	42.8%	53.9%	70.5%			
	24-Divisadero	Full route	67.2%	60.5%	61.0%	59.9%	65.1%	66.6%			
		Divisadero SI&Eddy SI SW-FS/82	67.6%	65.9%	67.2%	67.2%	77.0%	71.5%			

### Recommendations Informed by Qualitative Data





## Service Trends and Feedback Inform Equity Strategy

### Customer Feedback

New dashboard tailored to extract patterns of customer-reported service issues for Equity Strategy routes

### Service Delivery

Prioritized Equity Strategy lines for service delivery in the face of operator shortage

### Ongoing Community Work and Engagement

- Bay View CBTP
- HOPE SF Sunnydale
- HRC Bayview Open House
- SF Youth Commission



### **Building on Two Previous Reports**

	FY 17-18	Focus on operationalizing equity policy
April 2015	FY 19-20	Focus on outreach and program awareness
MUNI SERVICE EQUITY STRATEGY	FY 21-22	Focus on all aspects of transit planning and delivery being informed by equity policy principles
San Francisco Municipal Transportation Agency Filocal Year 2018-19 and 2019-20 Funding and for this react was provided by Calitans and the San Francisco County Transportation Authority March 2018		



### Equity Strategy Informs all Aspects of Transit Planning





## **Key Themes: Peak Hour Crowding**

### Weekday Inbound % of Trips Over Capacity

Public.	AM Peak	Mid-Day	School	PM Peak	Evening
1	22.7%	8.1%	6.3%	3.1%	0.2%
1AX	9.0%	0.1%			
1BX	24.5%	0.7%			
2	23.5%	2.1%	0.2%	1.1%	0.0%
3	6.1%	0.2%	0.0%	0.0%	0.0%
5	16.7%	1.8%	0.7%	0.6%	0.1%
5R	31.6%	1.3%	0.5%	0.3%	
6	17.2%	0.7%	0.2%	0.2%	0.0%
7	30.1%	6.7%	10.5%	2.5%	0.0%
7X	20.1%				
8	6.8%	6.3%	5.3%	6.7%	0.3%
8A (	17.4%	11.3%			
8BX	9.2%	1.3%			
9	7.0%	2.1%	2.3%	0.5%	0.0%
9R	3.1%	0.2%	0.2%	0.1%	
10	15.4%	1.6%	7.2%	25.5%	0.0%
12	2.8%	1.4%	3.4%	15.1%	0.4%
14	1.1%	0.2%	0.0%	0.0%	0.0%
14R	31.2%	5.7%	2.1%	0.3%	
1.4V	1 7	0.10/			

### Weekday Outbound % of Trips Over Capacity

1					
Public	AM Peak	Mid-Day	School	PM Peak	Evening
29	12.7%	6.5%	د30.6%	21.7%	0.7%
30	15.3%	10.8%	5.5%	5.1%	2.2%
30X			0.0%	22.4%	2.1%
31	1.2%	0.6%	2 7%	5.0%	1.2%
31AX				12.1%	1.0%
31BX				8.2%	0.0%
33	0.3%	0.7%	4.4%	1.1%	0.0%
35	0.0%	0.0%	0.0%	0.0%	0.0%
36	0.0%	0.0%	0.0%	0.0%	0.0%
37	0.0%	0.0%	0.0%	11.1%	1.6%
38	1.3%	0.1%	0.7%	10.3%	1.7%
38AX				8.4%	0.0%
38BX				8.9%	0.0%
38R	4.7%	2.0%	12 4%	32.5%	11.7%
39		0.0%	1.9%	0.0%	0.0%
41	0.0%		0.3%	21.8%	0.0%
43	2.4%	1.0%	21.8%	14.6%	0.0%
44	8.6%	4.3%	36.8%	33.0%	1.1%
45	15.3%	20.9%	21.8%	30.2%	1.4%
	10.00/	1.00/	C FOV	1 .77	0.20/

### Equity Strategy Lines with Peak Hour Crowding

- 5/5R Fulton and Fulton Rapid
- 8/8BX,8AX Bayshore and Bayshore Expresses
- 10 Townsend
- 12 Folsom
- 14R Mission Rapid

- 29 Sunset
- 38/38R Geary and Geary Rapid
- 44 O'Shaughnessy
- 45 Union-Stockton
- 43 Masonic
- 47 Van Ness



# **Key Themes: School Crowding**

- A number of lines are seeing significant percentage of trips over capacity in the early afternoon: 8, 8AX, 14R, 24, 29, 30, 43, 44, 45, 48
- Feedback from 311, elected officials, and Youth Commission confirm this
- Muni already provides additional afternoon school tripper service on 16 different routes
- Morning crowding is also an issue on select routes

% Tı	rips O	ver Ç	apadi	ţy		
Route	AM Peak	Mid-Pay	Late Afternoon	PM Peak	Evening	Late Evening
29	12.7%	6.5%	30.6%	21,7%	0.7%	0.2%
30	15.3%	10.8%	5.5%	5.1%	2.2%	0.5%
30X			0.0%	22.4%	2.1%	
31	1.2%	0.6%	2.7%	5.0 6	1.2%	0.1%
31AX				12.1%	1.0%	
31BX				8.29	0.0%	
33	0.3%	0.7%	4.4%	1.1%	0.0%	0.0%
35	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
36	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
37	0.0%	0.0%	0.0%	11.1%	1.6%	0.0%
38	1.3%	0.1%	0.7%	10.39	1.7%	0.5%
38AX				8.4%	0.0%	
38BX				8.9%	0.0%	
38R	4.7%	2.0%	12.4%	32.5 %	11.7%	
39		0.0%	1.9%	0.0%	0.0%	
41	0.0%		0.3%	21,8%	0.0%	
43	2.4%	1.0%	21.8%	1	0.0%	0.0%
44	8.6%	4 3%	36.8%	7,3.0%	1.1%	0.0%
45	15.3%	20.5%	21.8%	30.2%	1.4%	0.1%

## **Key Themes: Weekend Crowding**



#### Robert Wright @cobra478

@sfmta\_muni PLEASE put a larger bus on the #9 Route on Saturday's and Sunday's. The 40 foot bus is way too small. Thank You!

Robert- A Muni Passenger

- Weekend crowding on lines that travel south to north
- Inbound/northbound crowding starts earlier
- Outbound/southbound trip crowding later in the day
- Pattern followed by loads on 8, 9, 14R, 44

### % Trips Over Capacity



Outbou	Ind		Late	Early	
Route	Morning	Mid-Day	Arternoon	Evening	Evening
8	0.3%	13.8%	49.4%	44.9%	6.4%
9	0.4%	7.9%	31.6%	27.2%	1.9%
10	0.0%	0.0%	0.0%	0.6%	0.0%
12	0.0%	0.0%	0.0%	0.0%	0.0%
14	0.6%	1 0%	3.5%	13.4%	4.2%
14R	0.0%	4 1%	25.1%	36.1%	
18	0.0%	0.0%	0.0%	0.0%	0.0%



### Good News: Evening Headway Improvements for KT

Service Category	Route Name	Stop Name	AM Peak	F ening
Muni Metro	KT-Ingleside/Third	3rd St&Marin St NW-NS/SI	21.9%	15.9%
		3rd St&Oakdale/Palou N-NS SI	22.3%	15.7%
		3rd St&Paul Ave SW-FS/SI	22.3%	16.2%
Neighborha	od Gaps - 2019	9 Bayview versus 2018 (OUTBC	)UND)	
Muni Metro	KT-Ingleside/Third	3rd St&Gilman Ave NE-FS/SI	12.1%	14.9%
		3rd St&Marin St SE-NS/SI	15.3%	14.0%
		3rd St&Oakdale/Palou N-FS/SI	13.8	13.1%
Muni Metro	KT-Ingleside/Third	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI	40.2 6	23.1%
No tele le cule	M-Ocean View	San Jose Ave&Niagara Ave S-NS/SB	41.1 6	23.0%
	ood Gaps - 201	9 Excelsior/Outer Mission versu	ıs 2018 INE	BOUND
Neighborh Muni Metro		9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI	IS 2018 INE 37.41	30UND 29.7%
	COCH Gaps - 201 KT-Ingleside/Third	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI San Jose & Geneva N-MB/BZ	IS 2018 INE 37.4 5 38.9 5	30UND 29.7% 29.8%
	ood Gaps - 201	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI San Jose & Geneva N-MB/BZ CAMERON BEACH YARD	IS 2018 INE 37.4 5 38.9 5 33.8 5	30UND 29.7% 29.8% 21.5%
Muni Metro	M-Ocean View	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI San Jose & Geneva N-MB/BZ	IS 2018 INE 37.4 38.9 33.8 32.19	29.7% 29.8% 21.5% 18.4%
Muni Metro	M-Ocean View	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI San Jose & Geneva N-MB/BZ CAMERON BEACH YARD San Jose Ave&Geneva Ave SW-FS/SI	IS 2018 INE 37.4 38.9 33.8 32.19	29.7% 29.8% 21.5% 18.4%
Muni Metro leighborho	M-Ocean View	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI San Jose & Geneva N-MB/BZ CAMERON BEACH YARD San Jose Ave&Geneva Ave SW-FS/SI 9 Oceanview-Ingleside versus 2	IS 2018 INE 37.4 5 38.9 5 33.8 5 32.1 9 018 (INE OU	30UND 29.7% 29.8% 21.5% 18.4% JND)
Muni Metro Veighborho Muni Metro	ood Gaps - 201 KT-Ingleside/Third M-Ocean View od Gaps - 2019 KT-Ingleside/Third M-Ocean View	9 Excelsior/Outer Mission versu METRO TERMINAL-NS/SI San Jose & Geneva N-MB/BZ CAMERON BEACH YARD San Jose Ave&Geneva Ave SW-FS/SI 9 Oceanview-Ingleside versus 2 Saint Francis Circle NE-FS/SI	15 2018 INE 37.4 5 38.9 6 33.8 5 32.19 018 (INE OU 22.4% 24.2%	30UND 29.7% 29.8% 21.5% 18.4% JND) 30.9%



## **Good News: 8 Bayshore Headways**

#### Neighborhood Gaps - 2019 Excelsior/Outer Mission versus 2018 (INBOUND)

Service Category	Route Name	Stop Name	AM Peak	Evening	Mid-Day	Night	Owl	PM Peak	School
Frequent Local &	8-Bayshore	Cayuga Ave&Onondaga Ave							100.0%
Rapid Bus		City College Terminal NW-FS/SI	3.9%	15.3%	7.9%	8.9%	25.0%	14.2%	9.3%
		Geneva Ave & Mission St SE-FS/BZ	6.4%	16.9%	9.0%	10.4%	25.6%	15.1%	13.3%
Specialized	8BX-Bayshore B Express	City College Terminal NW-FS/SI	6.4%		11.2%				

#### Neighborhood Gaps - 2019 Excelsior/Outer Mission versus 2018 (OUTBOUND)

Service Category	Route Name	Stop Name	AM Peak	Evening	Mid-Day	Night	Owl	PM Peak	School
Frequent Local & Specialized	8-Bayshore 8BX-Bayshore B Express	City College Terminal NW-FS/SI City College Terminal NW-FS/SI	31.3%	16.4% 0.0%	21.5%	23.6%	0.0%	19.2% 20.6%	22.5%
Naighborhood Cape 2019 Chipatown vorsus 2019 (INPOLIND)									

#### Neighborhood Gaps - 2019 Chinatown versus 2018 (INBOUND)

Specialized 8AX-Bayshore A Express Kearny St&Pacific Ave NE-FS/SB	18.8%	6.8%	
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#### Neighborhood Gaps - 2019 Chinatown versus 2018 (OUTBOUND)

Rapid Bus	8-Bayshore	Columbus Ave⋃ St NW-NS/BZ	10.6%	14.5%	10.3%	13.5%	1.4%	9.9%	16.5%
Specialized	8AX-Bayshore A Express Kearny St&Pacific Ave NE-FS/SB							11.3%	23.8%
	8BX-Bayshore B Express Columbus Ave⋃ St NW-NS/BZ			0.0%				17.7%	0.0%

#### Neighborhood Gaps - 2019 Visitacion Valley versus 2018 (INBOUND)

Service Category	Route Name	Stop Name	AM Peak	Evening	Mid-Day	Night	Owl	PM Peak	School
Frequent Local &	8-Bayshore	City College Terminal NW-FS/SI	3.9%	15.3%	7.9%	8.9%	25.0%	14.2%	9.3%
Rapid Bus		San Bruno Ave&Arleta Ave NE-FS/BZ	12.2%	18.7%	13.3%	12.3%	32.5%	18.3%	19.5%
		Santos St&Geneva Ave E-FS/BZ	8.0%	18.2%	10.7%	11.3%	28.1%	16.4%	15.6%
Specialized	8BX-Bayshore B Express	Bay Shore Blvd&Blanken Ave SE-NS/BZ	11.1%		12.1%				
		City College Terminal NW-FS/SI	6.4%		11.2%				

#### Neighborhood Gaps - 2019 Visitacion Valley versus 2018 (OUTBOUND)

Service Category	Route Name	Stop Name	AM Peak	Evening	Mid-Day	Night	Owl	PM Peak	School
Frequent Local &	8-Bayshore	City College Terminal NW-FS/SI	31.3%	16.4%	21.5%	23.6%	0.0%	19.2%	22.5%
Specialized	8BX-Bayshore B Express	City College Terminal NW-FS/SI		0.0%				20.6%	

# **Notable Findings**

"It took me **1 hour and 20 minutes to get home from school today.** A trip that by car should take 15 minutes... I now have to stay up until 1AM trying to get my homework done, get 5 HOURS of sleep, and get up at 6 AM...**Imagine having an hour long commute and being diagnosed with something called chronic stress at the age of 15**."

- Missed service due to operator shortage is a significant source of stress that impacts people with low income the most
- Long travel times between Bayview and Downtown



## **Bayview**

### **KT Ingleside-Third**

Address long travel times and service gaps



Central Subway and transit signal priority improvements for improved reliability; explore express service from Bayview to Downtown

### 19 Polk

Improve service delivery, long travel times and route adherence



Continue operator recruitment efforts and address Larkin/O'Farrell "hot spot" with quick build treatment

### 9 San Bruno & 8 Bayshore

Reduce weekend crowding northbound early in the morning and southbound later in the day



Increase weekend service

### 23 Monterrey

Improve reliability



Adjust travel time and monitor current construction reroute for impacts and benefits



# **Bayview cont.**

### 29 Sunset

Address crowding and pass ups, especially during school times, in addition to long travel times

Continue community-based process to inform service increase and travel time improvements

### 44 O'Shaughnessy

Address crowding and pass ups, especially during school times



Increase service and address "hot spots" on Silver/Bayshore and Woodside/Portola with quick build treatment

### 54 Felton

Improve reliability, particularly in the evening



Implement quick build treatment for Van Dyke/3rd "hot spot" and increase evening service



# Chinatown

8/8AX/8BX Bayshore	
Address crowding on weekdays and weekends (8 Bayshore)	Increase service
30 Stockton	
Address crowding, especially early afternoon inbound	Increase service and upsize all vehicles on the line
10 Townsend	
Improve reliability inbound, reduce crowding, and improve service delivery	Adjust running time and continue operator recruitment efforts
12 Folsom	Implement Rincon Hill extension, including
Improve reliability inbound	running time adjustment and transit lanes on Folsom



# **Excelsior/Outer Mission**





# Ingleside/Oceanview





## **Inner Mission**





# **Tenderloin/SOMA**





## **Treasure Island**

### 25 Treasure Island

Improve reliability and travel times



Adjust running times and increase frequency.



Add inspector support at Transit Center to ensure on-time departures.



Work with construction routing to enhance signage during construction reroutes



# **Visitacion Valley**



23

# **Western Addition**

### 24 Divisadero

Reduce crowding during peaks and school hours

**V**6

Increase service, particularly during
school hours. Address
Mission/Cortland "hot spot" with quick build treatment

### 5 Fulton Owl

Improve reliability



Adjust running time (implemented Feb 2020)

### 7 Haight-Noriega

Address crowding and improve reliability, add evening service options



Add capacity with larger buses (implemented Feb 2020) and increase evening frequency



# Accessibility

### 9 San Bruno, 14 Mission

Improve service delivery and reduce service gaps.

### Continue operator recruitment efforts

#### **14R Mission Rapid**

Reduce crowding on weekdays and weekends



### 9 San Bruno & 8 Bayshore

Reduce weekend crowding northbound early in the morning and southbound later in the day





## **Accomplishments to Date**

#### 5 Fulton

- Implemented 5R
- 6<sup>th</sup> and Market Muni Forward Capital Project
- Adjusted Owl running time

#### 8 Bayshore

- Increased service
- San Bruno Ave. Improvement Project

#### 8AX/8BX Bayshore Express

• San Bruno Improvement Project

#### 9/9R San Bruno

- Boarding islands on 11<sup>th</sup> St. and Bayshore Boulevard
- Upsized 9R to articulated buses
- Potrero Ave. Streetscape and San Bruno Ave Improvement Projects

#### 10 Townsend

- Extended Sansome contraflow lane
- Service Increase

# **Accomplishments to Date**

### 12 Folsom

- Extended Sansome contraflow lane
- Service Increase

#### 14/14R

- Upsized to articulated buses
- 14 Mission Rapid Project

#### 27 Bryant

• 27 Bryant Improvement Project

#### 29 Sunset

• Increase service frequency in the AM peak

### 44 O'Shaughnessy

Added school tripper

# **Accomplishments to Date**

#### 30 Stockton

• Transit Priority Project

#### 48 Quintara

• Service extended Great Highway all day

#### 54 Felton

• 54 Felton Realignment Project

#### M Oceanview-Ingleside

- Service increase
- Two-car weekend service
- West Portal Pilot

#### **KT** Ingleside-Third

- 3<sup>rd</sup> St. signal improvements
- Service increase
- Two-car trains

# Work Underway

#### 1 California

• Road diet on California St. between Park Presidio and 6<sup>th</sup> Ave. to improve transit safety and reliability

#### 5/5R Fulton

• Muni Forward project on Fulton between 6<sup>th</sup> to 25<sup>th</sup> Ave.

#### 7 Haight-Noriega

• Upsized to articulated buses

#### 12 Folsom

- Transit lanes to improve reliability
- Extension to Rincon Hill, including run time adjustments

#### 23 Monterrey

• Reinvesting travel time savings from construction reroute

#### 29 Sunset

• Ongoing process to identify most effective ways to improve travel time and increase capacity

#### T Third

Central Subway

#### 9 San Bruno, 14X Express, 19 Polk, 23 Monterrey

• Operator recruitment and retention efforts



## What's Next?

Gender equity and gender-specific issues on transit Evening and owl service route and schedule adherence in Eastern Neighborhoods

Continue to improve on Equity Strategy process and outcomes



