

# Title VI Service Monitoring Report Spring 2019

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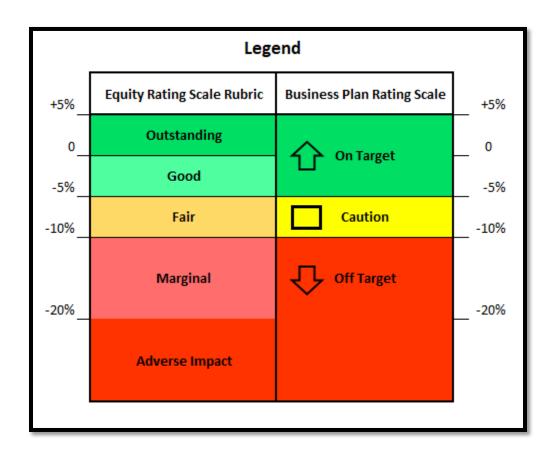
#### **Staff Summary**

Part of TriMet's compliance with FTA Circular 4702.1B *Title VI Requirements and Guidelines for Federal Transit Administration Recipients (Title VI Circular)* is ongoing performance monitoring across all service modes (bus, MAX, and WES). The Title VI Circular does not require monoriting for demand response service. Aligned with TriMet's Business Plan, staff will conduct an annual review of resource and service distribution. The objective is to ensure there is an equitable distribution across TriMet's system. The analysis in this report compared minority and/or low-income access to that of non-minority and/or higher income access across six service performance metrics for date compiled during Spring 2019:

- 1. **Service frequency and span** (revenue hours): TriMet evaluates the amount and distribution of revenue hours of service provided. The hours while in service include trip start to finish.
- 2. **On-time performance**: TriMet defines "on-time" as no more than five minutes late or one minute early. Measured at time points.
- 3. **Vehicle loads**: TriMet evaluates whether fixed-route buses or light rail vehicles are overcrowded by comparing the load/seat ratio to the maximum load factor for each vehicle type: bus (1.3), MAX (2.1), and WES (1.0).
- 4. **Service availability**: TriMet considers persons residing within one-half mile of bus stops and/or rail stations as having service available. Service availability is expressed as number and percentage of District-wide population and is determined by vehicle mode.
- 5. **Stop amenities**: TriMet analyzes the distribution of stop amenities in the TriMet system (shelters, seating, lighting, waste receptacles, etc.) in order to identify any potential disparities.
- 6. **Vehicle assignment**: TriMet assesses the vehicle assignment practices for fixed-route buses and light rail vehicles. The expectation is that the average age of vehicles on minority and/or low-income lines should be no more than the average age of vehicles on non-minority and/or higher income lines.

#### **Title VI Service Performance Measure Rating Scale Rubric**

The Title VI rating scale rubric ranges from "outstanding", "good", "fair", "marginal" to "adverse impact". To receive an "outstanding" score, access or service distribution for minority and low-income must be as good or better than non-minority and higher income for each measure. A performance finding within the 5% threshold is considered "good". The target for TriMet's Business Plan objective is within 5% or better. A greater than 5% but less than 10% difference equates to "fair". Above the 10% threshold but within 20% would result in a "marginal" score. A marginal score would be flagged as a caution and area for improvement. Any measure that exceeds 20% would indicate "adverse impact" and would result in a system-wide disparate impact¹/disproportionate burden² finding per the Federal Transit Administration. TriMet will work to improve service and access on an on-going basis to ensure TriMet's equity targets are achieved and for compliance with TriMet's board adopted Title VI Program.



<sup>&</sup>lt;sup>1</sup> A facially neutral policy or practice that disproportionately affects members of a group identified by race, color, or national origin.

<sup>&</sup>lt;sup>2</sup> A facially neutral policy or practice that disproportionately affects low-income populations more than non-low-income populations.

# Minority vs. Non-minority Lines<sup>3</sup>

Equity Metric: Distribution of Amenities Spring 2019								
Metric % of stops with amenity on minority vs. non-minority lines	<= 20% Difference	<=10% Difference	<=5% Difference	As good or better on minority lines				
Seating	✓	✓	✓	✓				
Lighting	✓	✓	✓	×				
Elevators	✓	✓	✓	✓				
Digital Displays	✓	✓	✓	×				
Shelters	✓	✓	✓	✓				
Signs, Maps and/or Schedules	✓	✓	✓	✓				
Waste Receptacles	✓	✓	✓	<b>✓</b>				

Equity Metric: Service Standards Spring 2019												
<b>Metric</b> Minority and non-minority comparison by mode and for the system as a whole		<=20% Difference		<=10% Difference		<=5% Difference			As good or better on minority lines		on ty	
	B u s	M A X	S y s	B u s	M A X	S y s	B u s	M A X	S y s	B u s	M A X	S y s
Vehicle Loads  If the average load of minority lines is above the maximum load factor, comparison to average load of non-minority lines.	<b>✓</b>	<b>√</b>	✓	<b>√</b>	✓	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>✓</b>
Service Frequency & Span Revenue hours of service provided on minority vs. non-minority lines.	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
On-Time Performance Average percent on-time for minority vs. non-minority lines.	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	×	×
Vehicle Assignment Average age of vehicles serving minority vs. non-minority lines.	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>&gt;</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Service Availability Percentage of minority vs. non-minority population within ½ mile of service.	✓	✓	✓	✓	✓	✓	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	✓

WES (a minority line) is the only commuter rail line, so it cannot be compared to other commuter rail lines. It is included as part of the overall system analysis.

✓ = Performance meets metric at level indicated

× = Performance does not meet level indicated

<sup>&</sup>lt;sup>3</sup> A minority line is defined by the FTA as having at least one-third of its revenue vehicle hours in census block groups with above-average minority populations.

#### **MINORITY vs. NON-MINORITY LINES PERFORMANCE RESULTS**

#### **Distribution of Amenities** (See Exhibit A for full details)

 The percentage of stops containing each amenity on minority lines exceeds the percentage for non-minority lines in all categories examined with the exception of lighting, which is higher for non-minority lines (63 percent compared to 59 percent of stops), digital displays (2.7 percent compared to 2.3 percent of stops) and signs, maps and/or schedules (99 percent compared to 97 percent of stops).

#### **Vehicle Loads** (See Exhibit B for full details)

- Average load/seat ratios range from a low of 0.34 to a high of 1.15.
- All average loads by mode are below the maximum load factor for every time period.

#### **Service Frequency & Span** (See Exhibit C for full details)

- A slightly higher percentage of revenue hours of service are provided on minority bus lines than non-minority lines (51% vs. 49%, respectively).
- A greater percentage of revenue hours of service are provided on minority MAX lines than non-minority lines (79% vs. 21%, respectively).

#### **On-time performance (OTP)** (See Exhibit D for full details)

- Average OTP for minority bus lines is 1 percent higher than OTP for non-minority bus lines on Weekdays and Saturday. The Sunday average OTP is 1 percent lower for minority bus lines compared to non-minority bus lines.
- Average OTP for minority MAX lines is 4 percent lower than the OTP for the two non-minority MAX lines (Yellow and Orange) for Weekdays, Saturdays, and Sundays.

#### **Vehicle Assignment** (See Exhibit E for full details)

- The average age of vehicles on minority bus lines (6.6 years) is about 2% newer than the average age of vehicles on non-minority bus lines (6.7 years).
- The average age of vehicles on minority MAX lines (16.6 years) is about 10% newer than the average age of vehicles on non-minority MAX lines (18.2 years).
- For WES, TriMet does not maintain a detailed database of specific vehicles used for specific trips.
  The four main vehicles used for WES service were all built in 2007; the remaining two were built
  in 1952 and 1953, though they have been substantially refurbished, and are typically used as
  spares. WES is a minority line. Because it is the only commuter rail line in the region, there is no
  other line to compare with.

#### Service Availability (See Exhibit F for full details)

• A higher percentage of the TriMet district's minority population lives within ½ mile of bus, MAX, and WES service compared to the district's non-minority population.

#### Note:

See Exhibit G for a breakdown of Minority and Non-Minority Lines

## Low-income vs. Higher Income Lines<sup>4</sup>

Equity Metric: Distribution of Amenities Spring 2019								
Metric % of stops with amenity on low- income vs. non-low-income lines	<= 20% Difference	<=10% Difference	<=5% Difference	As good or better on low-income lines				
Seating	✓	✓	<b>✓</b>	✓				
Lighting	✓	✓	✓	×				
Elevators	✓	✓	✓	✓				
Digital Displays	✓	✓	✓	✓				
Shelters	✓	✓	<b>√</b>	✓				
Signs, Maps and/or Schedules	✓	✓	✓	×				
Waste Receptacles	✓	✓	✓	✓				

Equity Metric: Service Standards Spring 2019												
Metric		<=20% Difference		<=10% Difference		<=5% Difference			As good o better			
Low-income and non-low-income comparison by mode and for the system as a whole	B u s	M A X	S y s	B u s	M A X	S y s	B u s	M A X	S y s	B u s	M A X	S y s
Vehicle Loads  If the average load of low-income lines is above the maximum load factor, comparison to average load of non-low-income lines.	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Service Frequency & Span Revenue hours of service provided on low- income vs. non-low-income lines.	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
On-Time Performance Average percent on-time for low-income vs. non-low-income lines.	<b>√</b>	✓	✓	<b>✓</b>	✓	✓	✓	<b>✓</b>	✓	✓	<b>√</b>	<b>✓</b>
Vehicle Assignment Average age of vehicles serving low-income vs. non-low-income lines.	✓	<b>√</b>	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	✓	<b>✓</b>
Service Availability Percentage of low-income vs. non-low-income population within ½ mile of service.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>

WES (a low-income line) is the only commuter rail line, so it cannot be compared to other commuter rail lines. It is included as part of the overall system analysis. All MAX lines are low-income lines.

✓ = Performance meets metric at level indicated

× = Performance does not meet level indicated

<sup>&</sup>lt;sup>4</sup> Low-income is defined as households at or below 150% federal poverty. A low-income line is defined as having at least one-half of its revenue vehicle hours in census block groups with above-average low-income populations.

#### **LOW-INCOME vs. HIGHER INCOME LINES PERFORMANCE RESULTS**

#### **Distribution of Amenities** (See Exhibit A for full details)

• The percentage of stops containing each amenity on low-income lines exceeds the percentage for higher income lines in all categories examined with the exception of lighting, which is higher for higher income lines (64 percent compared to 59 percent of stops) and signs, maps, and/or schedules (99 percent compared to 97 percent of stops).

#### **Vehicle Loads** (See Exhibit B for full details)

- Average load/seat ratios range from a low of 0.39 to a high of 1.00.
- All average loads by mode are below the maximum load factor for every time period.

#### Service Frequency & Span (See Exhibit C for full details)

- A greater percentage of revenue hours of service are provided on low-income bus lines than higher income bus lines (76% vs. 24%, respectively).
- All MAX lines are considered low income.

#### **On-time performance** (See Exhibit D for full details)

- The average OTP for Weekdays and Saturday is comparable for both bus lines. Average OTP for low-income bus lines is 1% lower than the OTP for higher income bus lines for Sunday.
- All MAX lines are considered low income.

#### **Vehicle Assignment** (See Exhibit E for full details)

- The average age of vehicles on low-income bus lines (6.5 years) is about 6% newer than the average age of vehicles on higher income bus lines (6.8 years).
- All MAX lines are considered low-income. The average age is 17.4 years.
- For WES, TriMet does not maintain a detailed database of specific vehicles used for specific trips. The four main vehicles used for WES service were all built in 2007; the remaining two were built in 1952 and 1953, though they have been substantially refurbished, and are typically used as spares. WES is a low-income line.

#### Service Availability (See Exhibit F for full details)

• A higher percentage of the TriMet district's low-income population lives within ½ mile of bus, MAX, and WES service compared to the district's higher income population. Because it is the only commuter rail line in the region, there is no other line to compare with.

#### Note:

See Exhibit G for a breakdown of Low-Income and Higher Income Lines

## **Exhibit A: Stop Amenities Tables**

Category of Amenity	Pct. of Stops on Minority Lines	Pct. of Stops on Non- Minority Lines
Seating	38%	31%
Lighting	59%	63%
Elevators	<1%	<1%
Digital Displays	2%	3%
Shelters	20%	17%
Signs, Maps and/or Schedules	97%	99%
Waste Receptacles	16%	14%

Category of Amenity	Pct. of Stops on Low-Income Lines	Pct. of Stops on Higher Income Lines
Seating	38%	29%
Lighting	59%	64%
Elevators	<1%	<1%
Digital Displays	3%	2%
Shelters	23%	12%
Signs, Maps and/or Schedules	97%	99%
Waste Receptacles	17%	12%

**Exhibit B: Vehicle Loads Tables** 

		Minority Lines		Non-Minorit	y Lines
Vehicle Type	Time Period	Load/Seat Ratio	Mean Load	Load/Seat Ratio	Mean Load
	AM Peak	0.34	14.81	0.40	17.25
Bus (28 or 39 seats)	Midday	0.37	13.65	0.38	13.91
·	PM Peak	0.47	16.48	0.49	17.92
	AM Peak	0.95	121.46	0.98	125.53
MAX Light Rail (128 seats)	Midday	0.68	87.83	0.50	67.75
	PM Peak	1.15	134.59	0.76	103.91
WES	AM Peak	0.41	39.00	n/a	n/a
Commuter Rail (146 seats)	PM Peak	0.51	55.00	n/a	n/a

		Low-Income	e Lines	Higher Incom	ie Lines
Vehicle Type	Time Period	Load/Seat Ratio	Mean Load	Load/Seat Ratio	Mean Load
	AM Peak	0.39	16.70	0.34	15.35
Bus (28 or 39 seats)	Midday	0.39	14.63	0.35	12.31
,	PM Peak	0.5	17.94	0.45	16.07
	AM Peak	0.96	123.09	n/a	n/a
MAX Light Rail (128 seats)	Midday	0.61	79.80	n/a	n/a
	PM Peak	1.00	122.32	n/a	n/a
WES Commuter Bail	AM Peak	0.41	39.00	n/a	n/a
Commuter Rail (146 seats)	PM Peak	0.51	55.00	n/a	n/a

### **Exhibit C: Revenue Hours Tables**

Mode of Service	Minority Lines	Non-Minority Lines	Difference; Minority to Non-Minority +/(-)
Bus	51%	49%	2
MAX Light Rail	1AX Light Rail 79%		58
WES Commuter Rail		n/a	n/a

Mode of Service	Low Income Lines	Higher Income Lines	Difference; Low Income to Higher Income +/(-)
Bus	76%	24%	52
MAX Light Rail	MAX Light Rail 100%		n/a
WES Commuter Rail		n/a	n/a

**Exhibit D: On-Time Performance Tables** 

		Avg. % On-Tim	ie (weighted)	
Mode of Service	Day	Minority Lines	Non-Minority Lines	Difference; Minority to Non-Minority +/(-)
	Weekday	90%	89%	1
Bus	Saturday	90%	89%	1
	Sunday	92%	93%	(1)
	Weekday	91%	93%	(2)
MAX Light Rail	Saturday	88%	94%	(6)
	Sunday	92%	94%	(2)

96%

Weekday

**WES Commuter** 

Rail

n/a

n/a

		Avg. % On-Tir	ne (weighted)	
Mode of Service	Day	Low Income Lines	Higher Income Lines	Difference; Low Income to Higher Income +/(-)
	Weekday	89%	89%	0
Bus	Saturday	89%	89%	0
	Sunday	92%	93%	(1)
	Weekday	92%	n/a	n/a
MAX Light Rail	Saturday	90%	n/a	n/a
	Sunday	93%	n/a	n/a
WES Commuter Rail	Weekday	96%	n/a	n/a

# **Exhibit E: Vehicle Assignment Tables**

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Avg. Age	ΟI	venicles	(rears)	1

Mode of Service	Minority Lines	Non-Minority Lines	Difference; Minority to Non-Minority +/(-)
Bus	6.6	6.7	(0.12)
MAX Light Rail	16.6	18.2	(1.58)
WES Commuter Rail	Primary: 13.0 Spares: 67.5	n/a	n/a

Avg.	Age of	Vehicles	(Years)	
~vs./	קב טו	V CITICICS	(icais)	

Mode of Service	Low Income Lines	Higher Income Lines	Difference; Low Income to Higher Income +/(-)
Bus	6.5	6.8	(0.37)
MAX Light Rail	17.4	n/a	n/a
WES Commuter Rail	Primary: 13.0 Spares: 67.5	n/a	n/a

**Exhibit F: Service Availability Table** 

Demographic Analysis of Proximity to TriMet Service (Percent)		TM District		Percent within 1/2* Mile			Function Committee	
		Totals (Raw Num)	Totals (Pct.)	Bus	of MAX	WES	Bus	Bus & MAX
Population	Total (ACS 5 year estimate, 2013-2017)	1,590,996	100.0%	88.2%	16.4%	0.9%	45.8%	62.3%
Minority	All Minorities**	463,940	29.2%	90.1%	20.7%	1.2%	48.0%	68.7%
Non- Minority	White (Non-Hispanic)	1,127,057	70.8%	87.4%	14.7%	0.7%	45.0%	59.6%
Population	Total population with known income (ACS 5 year estimate, 2013-2017)***	1,568,502	100.0%	88.1%	16.3%	0.9%	45.6%	61.9%
Income	Below 150% of Poverty Level	324,718	20.7%	93.6%	23.6%	1.5%	57.7%	81.3%
Income	Above 150% of Poverty Level	1,243,784	79.0%	86.7%	14.4%	0.7%	42.5%	56.9%

**Sources**: TriMet GIS, Metro Regional Land Information System, and US Census American Community Survey Tables: 2013 - 2017 (5-Year Estimates), Table B03002. Hispanic or Latino Origin By Race, and Table C17002. Ratio Of Income To Poverty Level In The Past 12 Months (Block Group Level Data)

To adjust for the fact that some census block groups are only partially within the TriMet Transit District, staff estimated the fraction of each block group's population within the transit district by calculating the percentage of residential address points that fell within the district. Staff then multiplied this address fraction by the Census counts to get the estimated TriMet District population. Staff used Oregon Metro's Master Address File (with non-residential and vacant addresses removed) as the address points for this analysis.

<sup>\*</sup> Distance calculations based on March 2018 stop and station locations. Similar to the TriMet District level population estimates, we multiplied each block group's counts by the fraction of addresses within it that also fell within a half-mile buffer of a transit stop of the specified type.

<sup>\*\*</sup> All Minorities include Black (non-Hispanic), Hispanic, Asian (non-Hispanic), Native American (non-Hispanic), Hawaiian Native and Pacific Islander (non-Hispanic), and Other (Including Mixed Race, non-Hispanic).

<sup>\*\*\*</sup> Population totals for the TriMet district vary between statistics for race and income/poverty in part due to the fact that the Census is a full count and the ACS is an extrapolation based on a sample, and in part because the ACS total excludes those whom poverty status is not determined.

## **Exhibit G: Minority and Non-Minority Lines**

Minority Lines	Non-Minority Lines			
10-Harold St	1-Vermont			
11-Rivergate/Marine Dr	12-Barbur/Sandy Blvd			
155-Sunnyside	14-Hawthorne			
19-Woodstock/Glisan	152-Milwaukie			
20-Burnside/Stark	154-Willamette/Clackamas Heights			
21-Sandy Blvd/223rd	156-Mather Rd			
22-Parkrose	15-Belmont/NW 23rd			
23-San Rafael	16-Front Ave/St Helens Rd			
25-Glisan/Rockwood	17-Holgate/Broadway			
272-PDX Night Bus	18-Hillside			
2-Division	24-Fremont/NW 18th			
42-Denney/Hall	291-Orange Night Bus			
45-Garden Home	29-Lake/Webster Rd			
46-North Hillsboro	30-Estacada			
47-Main/Evergreen	31-Webster Rd			
48-Cornell	32-Oatfield			
4-Fessenden	33-McLoughlin/King Rd			
52-Farmington/185th	34-Linwood/River Rd			
53-Arctic/Allen	35-Macadam/Greeley			
57-TV Hwy/Forest Grove	36-South Shore			
59-Walker/Park Way	37-Lake Grove			
62-Murray Blvd	38-Boones Ferry Rd			
67-Bethany/158th	39-Lewis & Clark			
6-Martin Luther King Jr Blvd	43-Taylors Ferry Rd			
72-Killingsworth/82nd Ave	44-Capitol Hwy/Mocks Crest			
73-122nd Ave	50-Cedar Mill			
74-162nd Ave	51-Vista			
76-Beaverton/Tualatin	54-Beaverton-Hillsdale Hwy			
78-Beaverton/Lake Oswego	55-Hamilton			
79-Clackamas/Oregon City	56-Scholls Ferry Rd			
80-Kane/Troutdale Rd	58-Canyon Rd			
81-Kane/257th	61-Marquam Hill/Beaverton			
82-South Gresham	63-Washington Park/Arlington Hts			
84-Powell Valley/Orient Dr	64-Marquam Hill/Tigard			
87-Airport Way/181st	65-Marquam Hill/Barbur Blvd			
88-Hart/198th	66-Marquam Hill/Hollywood			
92-South Beaverton Express	68-Marquam Hill/Collins Circle			
96-Tualatin/I-5	70-12th/NE 33rd Ave			
97-Tualatin-Sherwood Rd	71-60th Ave			
9-Powell Blvd	75-Cesar Chavez/Lombard			
MAX Blue Line	77-Broadway/Halsey			
MAX Green Line	85-Swan Island			
MAX Red Line	8-Jackson Park/NE 15th			
WES Commuter Rail	93-Tigard/Sherwood			
	94-Pacific Hwy/Sherwood			
	99-Macadam/McLoughlin			
	MAX Orange Line			
	MAX Yellow Line			

# **Exhibit H: Low-Income and Higher Income Lines**

Low Income Lines	Higher Income Lines			
1-Vermont	11-Rivergate/Marine Dr			
16-Front Ave/St Helens Rd	14-Hawthorne			
19-Woodstock/Glisan	154-Willamette/Clackamas Heights			
2-Division	156-Mather Rd			
47-Main/Evergreen	18-Hillside			
51-Vista	23-San Rafael			
56-Scholls Ferry Rd	272-PDX Night Bus			
66-Marquam Hill/Hollywood	291-Orange Night Bus			
70-12th/NE 33rd Ave	32-Oatfield			
71-60th Ave	34-Linwood/River Rd			
85-Swan Island	37-Lake Grove			
93-Tigard/Sherwood	39-Lewis & Clark			
99-Macadam/McLoughlin	43-Taylors Ferry Rd			
10-Harold St	46-North Hillsboro			
12-Barbur/Sandy Blvd	50-Cedar Mill			
15-Belmont/NW 23rd	53-Arctic/Allen			
155-Sunnyside	55-Hamilton			
17-Holgate/Broadway	59-Walker/Park Way			
20-Burnside/Stark	61-Marquam Hill/Beaverton			
24-Fremont/NW 18th	63-Washington Park/Arlington Hts			
29-Lake/Webster Rd	65-Marquam Hill/Barbur Blvd			
30-Estacada	68-Marquam Hill/Collins Circle			
33-McLoughlin/King Rd	74-162nd Ave			
35-Macadam/Greeley	76-Beaverton/Tualatin			
38-Boones Ferry Rd	79-Clackamas/Oregon City			
4-Fessenden	80-Kane/Troutdale Rd			
44-Capitol Hwy/Mocks Crest	84-Powell Valley/Orient Dr			
48-Cornell	88-Hart/198th			
52-Farmington/185th	92-South Beaverton Express			
54-Beaverton-Hillsdale Hwy	97-Tualatin-Sherwood Rd			
57-TV Hwy/Forest Grove	152-Milwaukie			
6-Martin Luther King Jr Blvd	21-Sandy Blvd/223rd			
62-Murray Blvd	22-Parkrose			
64-Marquam Hill/Tigard	25-Glisan/Rockwood			
67-Bethany/158th	31-Webster Rd			
72-Killingsworth/82nd Ave	36-South Shore			
75-Cesar Chavez/Lombard	42-Denney/Hall			
77-Broadway/Halsey	45-Garden Home			
8-Jackson Park/NE 15th	58-Canyon Rd			
81-Kane/257th	73-122nd Ave			
87-Airport Way/181st	78-Beaverton/Lake Oswego			
9-Powell Blvd	82-South Gresham			
94-Pacific Hwy/Sherwood	96-Tualatin/I-5			
MAX Blue Line	MAX Green Line			
MAX Red Line	MAX Yellow Line			
	MAX Orange Line			
	WES Commuter Rail			