

**Date:** April 19, 2017

**To:** General Manager  
Board of Directors

**From:** Timothy Kea, Senior Financial Analyst  
Budget & Grants Department

**Subject:** March 2017 Monthly Performance Report

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The monthly system wide ridership decreased 0.6% in March compared to prior year's level. Passenger Revenue decreased 2.3% and operations costs per boarding increased 6.0% compared to March 2016. The March, seasonally adjusted statewide unemployment rate was 3.8% compared to 4.9% in March 2016 and was the lowest rate since comparable records began in 1990. The retail regular conventional gasoline prices for West Coast except California increased from \$2.13 to \$2.67/gallon this March compared to last March.

1. Weekly system boardings decreased 0.6% in March compared to prior year's level. Weekly boardings decreased 1.3% on bus, 0.8% on WES, 2.4% on LIFT/Cab, but increased 0.4% on MAX.
2. Weekday fixed route boardings were 316,775 in March, 0.7% below the prior year's level. Boardings decreased 1.7% on bus, 0.8% on WES, but increased 0.9% on MAX. Weekend boardings decreased 1.6% on MAX, but increased 0.5% on bus.
3. The five MAX lines averaged a total of 125,800 weekday, 85,800 Saturday, and 66,400 Sunday boardings in March. Weekday ridership on each of the five MAX lines averaged 57,700 on the Blue Line, 20,500 on the Red Line, 13,700 on the Yellow Line, 21,900 on the Green Line, and 12,000 on the Orange Line. Total MAX ridership increased 4.3% during weekday peak, but decreased 0.7% during weekday off-peak periods, resulting in a 0.9% weekday ridership increase in March. Total weekend ridership decreased 5.0% on Saturday, but increased 3.3% on Sunday, leading to a 0.4% increase in weekly MAX rides in March.
4. Weekday bus boardings decreased 1.7% in March, with overall decline in weekday peak time periods of 0.3% and 2.3% in weekday off-peak time periods. Weekend boardings increased 0.5%, resulting in a 1.3% decline in weekly bus rides. Weekly boardings decreased 1.9% on frequent routes, and 0.6% on non-frequent routes.
5. WES averaged 1,775 daily boardings in March, 0.8% below the prior year's level. In March, WES operated with 23 late trains, zero out of service trains, zero missed pullouts, and 1 vehicle mechanical failure, resulting in a 96.9% of trips made on time. WES train runs every 30 minutes on weekdays during the morning and afternoon rush hours and

considered on-time if it arrives at the destination platform (Beaverton TC to Wilsonville) within 4 minutes of the published arrival time.

6. Weekly LIFT/Cab boardings decreased 2.4% in March. Weekday and weekend boardings declined 2.2% and 4.2% respectively, compared to prior year's level.
7. March passenger revenues were \$9.75 million, which is 2.3% below the prior year level. The fiscal year-to-date passenger revenues were down 1.2% or \$1.03 million, compared to the prior fiscal year-to-date.
8. Operations cost/boarding measures the direct cost of providing each ride. Operations costs are expenses for labor, energy and expendable supplies to provide transit service and to maintain vehicles and plant facilities. The averaged fixed route operations costs per boarding increased from \$2.86 to \$3.03, or 5.9% in this March compared to March 2016.

## SYSTEM RIDERSHIP SUMMARY

Measure	Mar 17	Mar 16	% Change	FY17-TD	FY16-TD	% Change
<b>Avg Weekday Boardings</b>						
<b><u>Fixed Route</u></b>						
Bus-Other Service	88,200	89,200	-1.1%	86,044	90,100	-4.5%
Bus-Frequent Service*	<u>101,000</u>	<u>103,200</u>	-2.1%	<u>98,556</u>	<u>103,720</u>	-5.0%
Subtotal All Bus	189,200	192,400	-1.7%	184,600	193,820	-4.8%
MAX	125,800	124,700	0.9%	123,901	123,230	0.5%
Commuter Rail	<u>1,775</u>	<u>1,790</u>	-0.8%	<u>1,770</u>	<u>1,770</u>	0.0%
Fixed Route Total	316,775	318,900	-0.7%	310,271	318,820	-2.7%
<b><u>Paratransit</u></b>						
LIFT& Cabs	3,634	3,714	-2.2%	3,470	3,624	-4.2%
<b>System Total</b>	<b>320,409</b>	<b>322,604</b>	<b>-0.7%</b>	<b>313,740</b>	<b>322,444</b>	<b>-2.7%</b>

### Avg Weekly Boardings

<b><u>Fixed Route</u></b>						
Bus-Other Service	508,600	511,800	-0.6%	497,256	519,544	-4.3%
Bus-Frequent Service*	<u>623,200</u>	<u>635,000</u>	-1.9%	<u>610,778</u>	<u>639,378</u>	-4.5%
Subtotal All Bus	1,131,800	1,146,800	-1.3%	1,108,033	1,158,922	-4.4%
MAX	781,200	778,100	0.4%	769,880	767,938	0.3%
Commuter Rail	<u>8,875</u>	<u>8,950</u>	-0.8%	<u>8,850</u>	<u>8,869</u>	-0.2%
Fixed Route Total	1,921,875	1,933,850	-0.6%	1,886,763	1,935,730	-2.5%
Frequent Bus % of Total Bus	55.1%	55.4%	-0.3%	55.1%	55.2%	0.0%
<b><u>Paratransit</u></b>						
LIFT & Cabs	20,410	20,908	-2.4%	19,527	20,392	-4.2%
<b>System Total</b>	<b>1,942,285</b>	<b>1,954,758</b>	<b>-0.6%</b>	<b>1,906,290</b>	<b>1,956,122</b>	<b>-2.5%</b>

### Operations Cost / Boarding Ride \*\*

<b><u>Fixed Route</u></b>						
Bus-Other Service	\$3.89	\$3.61	7.76%	\$4.04	\$3.58	12.85%
Bus-Frequent Service*	\$2.72	\$2.65	2.64%	\$2.93	\$2.62	11.83%
Subtotal All Bus	\$3.25	\$3.08	5.52%	\$3.43	\$3.05	12.46%
MAX	\$2.55	\$2.37	7.59%	\$2.53	\$2.34	8.12%
Commuter Rail	\$16.45	\$16.34	0.67%	\$13.67	\$15.33	-10.83%
Fixed Route Total	\$3.03	\$2.86	5.94%	\$3.11	\$2.82	10.28%
<b><u>Paratransit</u></b>						
LIFT & Cabs	\$35.33	\$32.27	9.48%	\$36.31	\$32.97	10.13%
<b>System Total</b>	<b>\$3.37</b>	<b>\$3.18</b>	<b>5.97%</b>	<b>\$3.44</b>	<b>\$3.13</b>	<b>9.90%</b>

\* Frequent Bus lines are those operating at headways of 15 minutes or less.

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All other bus lines, plus special services are included under "Other Bus Services".

\*\* Operations Cost: Expenses for labor, energy and expendable supplies required to provide transit service and maintain vehicles and plant facilities. Does not include General and Administrative, interest or depreciation.

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## KEY INDICATOR PERFORMANCE REPORT (FIXED ROUTE)

	Mar 17	Mar 16	% Change	FY17-TD	FY16-TD	% Change
<b><u>Ridership (Bus, MAX, WES)</u></b>						
Avg. Weekday Boarding Rides	316,775	318,900	-0.67%	310,270	318,830	-2.68%
Avg. Weekday Originating Rides	246,518	245,280	0.50%	241,470	245,250	-1.54%
Monthly Boarding Rides/Rev. Hour	55.85	56.54	-1.22%	54.93	56.93	-3.51%
<b><u>Revenue &amp; Cost Efficiency (Bus, MAX, WES)</u></b>						
Passenger Revenue/System Cost	27.84%	30.66%	-2.82%	28.52%	30.94%	-2.42%
System Cost/Boarding Ride	\$4.01	\$3.71	8.09%	\$4.14	\$3.74	10.70%
System Cost/Vehicle Hour (Adj. CPI to Prior Year)	\$163.40	\$160.79	1.62%	\$168.79	\$163.55	3.20%
<b><u>Labor Productivity (Bus, MAX, WES)</u></b>						
Bus & Rail Operator Attendance	89.52%	89.71%	-0.19%	89.38%	90.31%	-0.94%
Bus & Rail Maintenance Attendance	94.17%	94.00%	0.17%	94.18%	94.30%	-0.12%
WES Maintenance & Admin Attendance	97.25%	94.95%	2.30%	95.36%	91.45%	3.92%
Weekly Boarding Rides Per Full Time Employee	683.4	721.9	-5.33%	682.6	730.7	-6.58%
<b><u>Service Supplied (Bus, MAX, WES)</u></b>						
Bus Miles Between Mechanical Failures - Lost Service	10,171	12,693	-19.87%	10,526	11,722	-10.20%
Bus Collisions/100,000 Miles	2.83	2.89	-2.08%	3.26	2.72	19.85%
Bus % Maintained Pullouts	99.92%	99.69%	0.23%	99.87%	99.89%	-0.02%
Bus On-Time Performance(1)	84.70%	82.30%	2.40%	80.44%	80.48%	-0.03%
MAX Car Miles/Svc Delay Defects(2)	7,111	9,890	-28.10%	3,478	3,007	15.69%
MAX Collisions/100,000 Miles	1.78	1.53	16.34%	1.79	1.84	-2.72%
MAX % Maintained Pullouts	99.90%	100.00%	-0.10%	99.68%	99.83%	-0.15%
MAX On-Time Performance(1)	86.90%	83.60%	3.30%	84.20%	79.28%	4.92%
WES Miles/Relevant Failure	10,819	10,819	0.00%	9,883	10,007	-1.24%
WES Collisions	0.00	0.00	N/A	0.00	0.11	-100.00%
WES % Maintained Trips	100.00%	100.00%	0.00%	99.26%	99.21%	0.06%
WES On-Time Performance(1)	96.90%	99.00%	-2.10%	94.86%	94.10%	0.76%

(1) By departures at route timepoints

(2) Eff. Jan 2017, MAX car miles divided by in-service delays(>5 mins w/mech incident) and mainline failures(out of service).

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