

**Date:** February 16, 2017

**To:** General Manager  
Board of Directors

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

**Subject:** January 2017 Monthly Performance Report

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The monthly system wide ridership increased 0.2% in January compared to prior year's level. Passenger Revenue decreased 2.3% and operations costs per boarding increased 1.8% compared to January 2016. Another round of snow and ice impacted ridership and operations costs, however the Women's March on Portland on the Saturday of January 21st increased the overall weekend ridership into the double digits.

1. Weekly system boardings decreased 1.6% in January compared to prior year's level. Weekly boardings decreased 2.0% on bus, 0.4% on MAX, 2.9% on WES and 18.9% on LIFT/Cab.
2. Weekday fixed route boardings were 308,985 in January, 4.5% below the prior year's level. Boardings decreased 4.9% on bus, 3.8% on MAX and 3.2% on WES. However, weekend boardings increased 14.0% on buses and 14.8% on MAX.
3. The five MAX lines averaged a total of 120,300 weekday, 93,300 Saturday, and 62,600 Sunday boardings in January. Weekday ridership on each of the five MAX lines averaged 57,000 on the Blue Line, 18,900 on the Red Line, 13,400 on the Yellow Line, 20,300 on the Green Line, and 10,700 on the Orange Line. Total MAX ridership was flat during weekday peak but decreased 5.8% during weekday off-peak periods, resulting in a 3.8% weekday ridership decrease in January. Total weekend ridership increased 25.2% on Saturday and 2.1% on Sunday, leading to a 0.4% decrease in weekly MAX rides in January.
4. Weekday bus boardings decreased 4.9% in January, with overall declined in weekday peak time periods of 0.1% and 7.4% in weekday off-peak time periods. However, weekend boardings increased 14.0%, resulting in a 2.0% decline in weekly bus rides. Weekly boardings decreased 1.6% on frequent routes, and 2.5% on non-frequent routes. Bus weekday boardings decreased on average of 4.2% per month since the decline began in April 2015.
5. WES averaged 1,685 daily boardings in January, 2.9% below the prior year's level. In January, WES operated with 19 late trains, 10 out of service trains, zero missed pullouts, and 3 vehicle mechanical failures, resulting in a 95.6% of trips made on time. Inclement weather affected WES on-time performance. WES train is 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 18.9% in January. Weekday boardings were down 18.5% and 22.0% on weekend, compared to prior year's level.
7. January passenger revenues were \$9.39 million, which is 2.3% below the prior year level. The fiscal year-to-date passenger revenues were down 0.9% 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 to \$3.16 from \$3.09 or 2.3% in this January compared to January 2016.

## SYSTEM RIDERSHIP SUMMARY

Measure	Jan 17	Jan 16	% Change	FY17-TD	FY16-TD	% Change
<b>Avg Weekday Boardings</b>						
<b><u>Fixed Route</u></b>						
Bus-Other Service	86,600	91,000	-4.8%	85,514	90,030	-5.0%
Bus-Frequent Service*	<u>100,400</u>	<u>105,700</u>	-5.0%	<u>97,900</u>	<u>103,390</u>	-5.3%
Subtotal All Bus	187,000	196,700	-4.9%	183,414	193,420	-5.2%
MAX	120,300	125,000	-3.8%	123,701	122,710	0.8%
Commuter Rail	<u>1,685</u>	<u>1,740</u>	-3.2%	<u>1,772</u>	<u>1,770</u>	0.1%
Fixed Route Total	308,985	323,400	-4.5%	308,887	317,900	-2.8%
<b><u>Paratransit</u></b>						
LIFT& Cabs	2,832	3,475	-18.5%	3,432	3,591	-4.4%
<b>System Total</b>	<b>311,817</b>	<b>326,910</b>	<b>-4.6%</b>	<b>312,319</b>	<b>321,491</b>	<b>-2.9%</b>

### Avg Weekly Boardings

<b><u>Fixed Route</u></b>						
Bus-Other Service	505,700	518,600	-2.5%	494,757	519,686	-4.8%
Bus-Frequent Service*	<u>633,900</u>	<u>644,300</u>	-1.6%	<u>607,771</u>	<u>637,571</u>	-4.7%
Subtotal All Bus	1,139,600	1,162,900	-2.0%	1,102,529	1,157,257	-4.7%
MAX	757,400	760,800	-0.4%	770,460	765,149	0.7%
Commuter Rail	<u>8,425</u>	<u>8,680</u>	-2.9%	<u>8,861</u>	<u>8,854</u>	0.1%
Fixed Route Total	1,905,425	1,932,375	-1.4%	1,881,849	1,931,260	-2.6%
Frequent Bus % of Total Bus	55.6%	55.4%	0.2%	55.1%	55.1%	0.0%
<b><u>Paratransit</u></b>						
LIFT & Cabs	15,790	19,466	-18.9%	19,327	20,201	-4.3%
<b>System Total</b>	<b>1,921,215</b>	<b>1,951,841</b>	<b>-1.6%</b>	<b>1,901,176</b>	<b>1,951,461</b>	<b>-2.6%</b>

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

<b><u>Fixed Route</u></b>						
Bus-Other Service	\$4.03	\$3.78	6.61%	\$4.05	\$3.55	14.08%
Bus-Frequent Service*	\$3.00	\$2.84	5.63%	\$2.96	\$2.59	14.29%
Subtotal All Bus	\$3.45	\$3.26	5.83%	\$3.44	\$3.02	13.91%
MAX	\$2.60	\$2.69	-3.35%	\$2.52	\$2.32	8.62%
Commuter Rail	\$14.11	\$16.26	-13.22%	\$13.14	\$14.56	-9.75%
Fixed Route Total	\$3.16	\$3.09	2.27%	\$3.10	\$2.80	10.71%
<b><u>Paratransit</u></b>						
LIFT & Cabs	\$39.28	\$33.75	16.39%	\$36.26	\$33.06	9.68%
<b>System Total</b>	<b>\$3.45</b>	<b>\$3.39</b>	<b>1.77%</b>	<b>\$3.44</b>	<b>\$3.11</b>	<b>10.61%</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)

	Jan 17	Jan 16	% Change	FY17-TD	FY16-TD	% Change
<b><u>Ridership (Bus, MAX, WES)</u></b>						
Avg. Weekday Boarding Rides	308,985	323,400	-4.46%	308,890	317,900	-2.83%
Monthly Boarding Rides						
Per Revenue Hour	56.10	56.17	-0.14%	54.73	56.90	-3.81%
<b><u>Revenue &amp; Cost Efficiency (Bus, MAX, WES)</u></b>						
Passenger Revenue/System Cost	26.76%	28.67%	-1.91%	28.57%	31.11%	-2.54%
System Cost/Boarding Ride	\$4.23	\$4.06	4.19%	\$4.13	\$3.72	11.02%
System Cost/Vehicle Hour (Adj. CPI to Prior Year)	\$176.59	\$174.73	1.06%	\$168.13	\$162.62	3.39%
<b><u>Labor Productivity (Bus, MAX, WES)</u></b>						
Bus & Rail Operator						
Attendance	87.31%	89.48%	-2.17%	89.49%	90.52%	-1.03%
Bus & Rail Maintenance						
Attendance	93.70%	94.36%	-0.66%	94.25%	94.30%	-0.05%
WES Maintenance & Admin						
Attendance	95.77%	90.34%	5.43%	95.20%	89.96%	5.25%
Weekly Boarding Rides						
Per Full Time Employee	683.3	724.6	-5.69%	683.4	730.5	-6.44%
<b><u>Service Supplied (Bus, MAX, WES)</u></b>						
Bus Miles Between Mechanical						
Failures - Lost Service	9,253	11,179	-17.23%	10,815	11,618	-6.91%
Bus Collisions/100,000 Miles	6.07	4.64	30.82%	3.30	2.73	20.88%
Bus % Maintained Pullouts	99.58%	99.87%	-0.29%	99.85%	99.93%	-0.07%
Bus On-Time Performance(1)	75.20%	79.50%	-4.30%	79.54%	79.90%	-0.36%
MAX Car Miles/Svc Delay Defects(2)	8,336	8,890	-6.23%	3,038	2,517	20.69%
MAX Collisions/100,000 Miles	2.84	2.15	32.09%	1.69	1.99	-15.08%
MAX % Maintained Pullouts	99.95%	99.90%	0.05%	99.63%	99.79%	-0.17%
MAX On-Time Performance(1)	79.10%	78.70%	0.40%	83.46%	78.03%	5.43%
WES Miles/Relevant Failure	3,244	9,302	-65.13%	9,822	9,926	-1.05%
WES Collisions	0.00	0.00	N/A	0.00	0.00	N/A
WES % Maintained Trips	98.51%	99.06%	-0.55%	99.09%	99.16%	-0.07%
WES On-Time Performance(1)	95.60%	95.90%	-0.30%	94.46%	93.10%	1.36%

(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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