

Date: January 18, 2017

To: General Manager
Board of Directors

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

Subject: December 2016 Monthly Performance Report

The monthly system wide ridership decreased 4.0% in December compared to prior year's level. Passenger Revenue increased 1.1% and operations costs per boarding increased 12.24% compared to December 2015. Two weeks of snow and ice mostly contributed to an increase of operations costs and decrease of ridership.

1. Weekly system rides decreased 2.6% in December compared to prior year's level. Weekly boardings increased 1.6% on MAX and 1.9% on WES, but declined 5.2% on buses and 15.5% on LIFT/Cab.
2. Weekday fixed route boardings were 290,420 in December, 1.8% below the prior year's level. Boardings increased 3.2% on MAX and 1.9% on WES, however, decreased 5.2% on bus. Weekend ridership decreased 5.5% on buses and 5.1% on MAX.
3. The five MAX lines averaged a total of 121,000 weekday, 80,700 Saturday, and 59,200 Sunday boardings in December. Weekday ridership on each of the five MAX lines averaged 56,600 on the Blue Line, 21,100 on the Red Line, 13,000 on the Yellow Line, 19,700 on the Green Line, and 10,600 on the Orange Line. Total MAX ridership decreased 0.3% during weekday peak and increased 5.0% during weekday off-peak periods, resulting in a 3.2% weekday ridership increase in December. Total weekend ridership decreased 7.8% on Saturday and 1.1% on Sunday, leading to a 1.6% increase in weekly MAX rides in December.
4. Weekday bus ridership decreased 5.2% in December, with overall declined in weekday peak time periods of 6.3% and 4.6% in weekday off-peak time periods. Overall weekend boardings decreased 5.5%, resulting in a 5.2% decline in weekly bus rides. Weekly boardings decreased 5.9% on frequent routes, and 4.3% on non-frequent routes. Bus weekday ridership decreased on average of 4.2% per month since the decline began in April 2015.
5. WES averaged 1,620 daily boardings in December, 1.9% above the prior year's level. In December, WES operated with 37 late trains, 5 out of service trains, zero missed pullouts, and 3 vehicle mechanical failures, resulting in a 93.7% 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 15.5% in December. Weekday boardings were down 17.1% and 3.1% on weekend, compared to prior year's level.
7. December passenger revenues were \$9.89 million, which is 1.1% above the prior year level. The fiscal year-to-date passenger revenues were down 0.7% 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 \$3.41 from \$3.02 or 12.9% in this December compared to last December 2015.

SYSTEM RIDERSHIP SUMMARY

Measure	Dec 16	Dec 15	% Change	FY17-TD	FY16-TD	% Change
Avg Weekday Boardings						
<u>Fixed Route</u>						
Bus-Other Service	77,200	80,600	-4.2%	85,333	89,870	-5.0%
Bus-Frequent Service*	<u>90,600</u>	<u>96,400</u>	-6.0%	<u>97,483</u>	<u>103,000</u>	-5.4%
Subtotal All Bus	167,800	177,000	-5.2%	182,817	192,870	-5.2%
MAX	121,000	117,200	3.2%	124,268	122,330	1.6%
Commuter Rail	<u>1,620</u>	<u>1,590</u>	1.9%	<u>1,787</u>	<u>1,780</u>	0.4%
Fixed Route Total	290,420	295,800	-1.8%	308,871	316,980	-2.6%
<u>Paratransit</u>						
LIFT& Cabs	2,969	3,581	-17.1%	3,532	3,610	-2.2%
System Total	293,389	299,371	-2.0%	312,403	320,590	-2.6%

Avg Weekly Boardings

<u>Fixed Route</u>						
Bus-Other Service	446,500	466,800	-4.3%	492,933	519,867	-5.2%
Bus-Frequent Service*	<u>560,400</u>	<u>595,800</u>	-5.9%	<u>603,417</u>	<u>636,450</u>	-5.2%
Subtotal All Bus	1,006,900	1,062,600	-5.2%	1,096,350	1,156,317	-5.2%
MAX	744,900	733,300	1.6%	772,636	765,874	0.9%
Commuter Rail	<u>8,100</u>	<u>7,950</u>	1.9%	<u>8,933</u>	<u>8,883</u>	0.6%
Fixed Route Total	1,759,900	1,803,896	-2.4%	1,877,920	1,931,074	-2.8%
Frequent Bus % of Total Bus	55.7%	56.1%	-0.4%	55.0%	55.0%	0.0%
<u>Paratransit</u>						
LIFT & Cabs	17,000	20,129	-15.5%	19,917	20,323	-2.0%
System Total	1,776,900	1,824,025	-2.6%	1,897,837	1,951,398	-2.7%

Operations Cost / Boarding Ride **

<u>Fixed Route</u>						
Bus-Other Service	\$4.74	\$3.92	20.92%	\$4.05	\$3.51	15.38%
Bus-Frequent Service*	\$3.38	\$2.81	20.28%	\$2.95	\$2.55	15.69%
Subtotal All Bus	\$3.98	\$3.30	20.61%	\$3.44	\$2.98	15.44%
MAX	\$2.51	\$2.46	2.03%	\$2.50	\$2.26	10.62%
Commuter Rail	\$15.63	\$17.21	-9.18%	\$12.98	\$14.28	-9.10%
Fixed Route Total	\$3.41	\$3.02	12.91%	\$3.10	\$2.75	12.73%
<u>Paratransit</u>						
LIFT & Cabs	\$40.35	\$33.34	21.03%	\$35.76	\$32.95	8.53%
System Total	\$3.76	\$3.35	12.24%	\$3.43	\$3.06	12.09%

* 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)

	Dec 16	Dec 15	% Change	FY17-TD	FY16-TD	% Change
<u>Ridership (Bus, MAX, WES)</u>						
Avg. Weekday Boarding Rides	290,420	295,800	-1.82%	308,870	316,980	-2.56%
Monthly Boarding Rides						
Per Revenue Hour	50.86	52.66	-3.42%	54.50	57.02	-4.42%
<u>Revenue & Cost Efficiency (Bus, MAX, WES)</u>						
Passenger Revenue/System Cost	27.67%	30.25%	-2.58%	28.89%	31.55%	-2.67%
System Cost/Boarding Ride	\$4.63	\$4.03	14.89%	\$4.11	\$3.67	11.99%
System Cost/Vehicle Hour (Adj. CPI to Prior Year)	\$176.26	\$162.78	8.28%	\$167.58	\$160.62	4.33%
<u>Labor Productivity (Bus, MAX, WES)</u>						
Bus & Rail Operator Attendance	89.15%	90.88%	-1.73%	89.85%	90.70%	-0.84%
Bus & Rail Maintenance Attendance	94.01%	94.46%	-0.44%	94.34%	94.29%	0.06%
WES Maintenance & Admin Attendance	97.73%	88.82%	8.91%	95.10%	89.89%	5.20%
Weekly Boarding Rides Per Full Time Employee	633.2	676.4	-6.39%	683.5	731.4	-6.56%
<u>Service Supplied (Bus, MAX, WES)</u>						
Bus Miles Between Mechanical Failures - Lost Service	12,001	11,598	3.47%	11,075	11,691	-5.26%
Bus Collisions/100,000 Miles	4.57	2.57	77.82%	2.84	2.41	17.84%
Bus % Maintained Pullouts	99.89%	99.99%	-0.11%	99.90%	99.94%	-0.04%
Bus On-Time Performance(1)	76.50%	78.80%	-2.30%	80.27%	79.97%	0.30%
MAX Car Miles/Svce Related Repair	3,504	1,944	80.19%	2,752	2,240	22.85%
MAX Collisions/100,000 Miles	1.03	1.53	-32.68%	1.49	1.96	-23.98%
MAX % Maintained Pullouts	98.85%	99.85%	-1.00%	99.57%	99.78%	-0.20%
MAX On-Time Performance(1)	84.10%	76.10%	8.00%	84.18%	77.92%	6.27%
WES Miles/Relevant Failure	3,190	10,231	-68.82%	9,837	10,030	-1.93%
WES Collisions	0.00	0.00	N/A	0.00	0.00	N/A
WES % Maintained Trips	99.26%	98.86%	0.39%	99.19%	99.18%	0.01%
WES On-Time Performance(1)	93.70%	94.20%	-0.50%	94.27%	92.63%	1.63%

(1) By departures at route timepoints

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