

Date: September 20, 2016

To: General Manager
Board of Directors

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

Subject: August 2016 Monthly Performance Report

The monthly systemwide ridership increased 1.1% in August (Bus was down 2.1%, whereas MAX, LIFT/Cab and WES were up 5.8%, 6.2% and 9.5% respectively) compared to prior year's level. This month there were 2 scheduled weekdays more than last August. The two week closure at Rose Quarter for MAX track repair impacted ridership in August.

1. Weekly system rides decreased 2.0% in August compared to prior year's level. Weekly boardings declined 5.6% on buses, and 0.1% on WES, however increased 0.5% on LIFT/Cab and 3.2% on MAX.
2. Weekday fixed route boardings were 304,640 in August, 2.5% below the prior year's level. Boardings decreased 5.9% on bus and 0.3% on WES, but increased 2.8% on MAX. Weekend ridership decreased 3.9% on buses, but increased 5.1% on MAX.
3. The five MAX lines averaged a total of 122,605 weekday, 89,800 Saturday, and 72,900 Sunday boardings in August. Weekday ridership on each of the five MAX lines averaged 58,700 on the Blue Line, 22,200 on the Red Line, 12,305 on the Yellow Line, 19,000 on the Green Line, and 10,400 on the Orange Line. Total MAX ridership increased 12.1% during peak and decreased 1.3% in off-peak periods, resulting in a 2.8% weekday ridership increase in August. Total weekend ridership increased 4.3% on Saturday and 6.1% on Sunday, leading to a 3.3% increase in weekly MAX rides in August.
4. Weekday bus ridership decreased 5.9% in August, with declines in peak of 5.3% and 6.2% in off-peak time periods. Overall weekend boardings decreased 3.9%, resulting in a 5.6% decline in weekly bus rides. Weekly boardings decreased 5.3% on frequent routes, and 5.9% on non-frequent routes. Bus weekday ridership decreased on average of 4.0% per month since the decline began in April 2015.
5. WES averaged 1,835 daily boardings in August, flat compared to the prior year's level. In August, WES operated with 68 late trains, 7 out of service trains, zero missed pullouts, and one vehicle mechanical failure, resulting in a 89.7% of trips made on time. Heat related issue had a significant impact on 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 increased 0.5% in August. Weekday and weekend boardings also increased 0.4% and 1.0% respectively, compared to prior year.

SYSTEM RIDERSHIP SUMMARY

Measure	Aug 16	Aug 15	% Change	FY17-TD	FY16-TD	% Change
Avg Weekday Boardings						
<u>Fixed Route</u>						
Bus-Other Service	84,400	89,800	-6.0%	83,750	89,550	-6.5%
Bus-Frequent Service*	<u>95,800</u>	<u>101,700</u>	-5.8%	<u>95,950</u>	<u>101,700</u>	-5.7%
Subtotal All Bus	180,200	191,500	-5.9%	179,700	191,250	-6.0%
MAX	122,605	119,300	2.8%	126,253	120,300	4.9%
Commuter Rail	<u>1,835</u>	<u>1,840</u>	-0.3%	<u>1,853</u>	<u>1,810</u>	2.3%
Fixed Route Total	304,640	312,600	-2.5%	307,805	313,360	-1.8%
<u>Paratransit</u>						
LIFT& Cabs	3,594	3,579	0.4%	3,598	3,524	2.1%
System Total	308,234	316,214	-2.5%	311,403	316,884	-1.7%

Avg Weekly Boardings

<u>Fixed Route</u>						
Bus-Other Service	491,400	522,200	-5.9%	487,400	520,250	-6.3%
Bus-Frequent Service*	<u>598,900</u>	<u>632,200</u>	-5.3%	<u>600,150</u>	<u>631,300</u>	-4.9%
Subtotal All Bus	1,090,300	1,154,400	-5.6%	1,087,550	1,151,550	-5.6%
MAX	775,700	751,300	3.2%	798,063	753,850	5.9%
Commuter Rail	<u>9,175</u>	<u>9,180</u>	-0.1%	<u>9,263</u>	<u>9,063</u>	2.2%
Fixed Route Total	1,875,200	1,914,875	-2.1%	1,894,875	1,914,463	-1.0%
Frequent Bus % of Total Bus	54.9%	54.8%	0.2%	55.2%	54.8%	0.4%
<u>Paratransit</u>						
LIFT & Cabs	20,217	20,120	0.5%	20,244	19,798	2.3%
System Total	1,895,417	1,934,995	-2.0%	1,915,119	1,934,260	-1.0%

Operations Cost / Boarding Ride **

<u>Fixed Route</u>						
Bus-Other Service	\$3.82	\$3.50	9.14%	\$3.87	\$3.48	11.21%
Bus-Frequent Service*	\$2.75	\$2.50	10.00%	\$2.82	\$2.48	13.71%
Subtotal All Bus	\$3.23	\$2.95	9.49%	\$3.29	\$2.93	12.29%
MAX	\$2.41	\$2.14	12.62%	\$2.32	\$2.18	6.42%
Commuter Rail	\$13.99	\$15.62	-10.44%	\$14.21	\$13.65	4.10%
Fixed Route Total	\$2.95	\$2.69	9.67%	\$2.93	\$2.69	8.92%
<u>Paratransit</u>						
LIFT & Cabs	\$34.19	\$33.92	0.80%	\$34.32	\$33.13	3.59%
System Total	\$3.29	\$3.01	9.30%	\$3.26	\$3.00	8.67%

* 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.

KEY INDICATOR PERFORMANCE REPORT (FIXED ROUTE)

	Aug 16	Aug 15	% Change	FY17-TD	FY16-TD	% Change
<u>Ridership (Bus, MAX, WES)</u>						
Avg. Weekday Boarding Rides	304,640	312,600	-2.55%	307,800	313,360	-1.77%
Monthly Boarding Rides						
Per Revenue Hour	55.03	57.72	-4.66%	55.49	57.81	-4.01%
<u>Revenue & Cost Efficiency (Bus, MAX, WES)</u>						
Passenger Revenue/System Cost	29.59%	31.45%	-1.86%	30.07%	31.87%	-1.80%
System Cost/Boarding Ride	\$3.90	\$3.59	8.64%	\$3.86	\$3.56	8.43%
System Cost/Vehicle Hour (Adj. CPI to Prior Year)	\$162.88	\$158.97	2.46%	\$162.42	\$157.50	3.12%
<u>Labor Productivity (Bus, MAX, WES)</u>						
Bus & Rail Operator						
Attendance	89.82%	90.62%	-0.80%	90.00%	90.43%	-0.43%
Bus & Rail Maintenance						
Attendance	94.36%	94.62%	-0.26%	94.61%	94.64%	-0.03%
WES Maintenance & Admin						
Attendance	95.52%	85.37%	10.15%	94.60%	88.36%	6.24%
Weekly Boarding Rides						
Per Full Time Employee	682.0	729.2	-6.48%	696.7	728.3	-4.34%
<u>Service Supplied (Bus, MAX, WES)</u>						
Bus Miles Between Mechanical						
Failures - Lost Service	9,327	11,300	-17.46%	10,570	10,646	-0.72%
Bus Collisions/100,000 Miles	1.87	2.38	-21.43%	2.16	2.35	-8.09%
Bus % Maintained Pullouts	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
Bus On-Time Performance(1)	81.20%	81.40%	-0.20%	81.10%	80.10%	1.00%
MAX Car Miles/Svce Related Repair	2,321	2,656	-12.63%	2,353	2,634	-10.66%
MAX Collisions/100,000 Miles	1.32	1.43	-7.69%	1.57	1.71	-8.19%
MAX % Maintained Pullouts	100.00%	99.94%	0.06%	99.60%	99.83%	-0.22%
MAX On-Time Performance(1)	83.10%	77.90%	5.20%	84.45%	76.60%	7.85%
WES Miles/Relevant Failure	10,716	9,746	9.95%	10,062	10,180	-1.15%
WES Collisions	0.00	0.00	N/A	0.00	0.00	N/A
WES % Maintained Trips	99.05%	98.66%	0.39%	99.49%	98.37%	1.12%
WES On-Time Performance(1)	89.70%	93.70%	-4.00%	94.30%	89.00%	5.30%

(1) By departures at route timepoints

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