

Date: June 20, 2017

To: General Manager
Board of Directors

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

Subject: May 2017 Monthly Performance Report

The monthly systemwide ridership increased 1.3% in May compared to prior year's level. Passenger revenue increased 1.1% and operations costs per boarding increased 7.8% compared to May 2016. The two weeks closure on Morrison-Yamhill for MAX track repair had a significant impact on ridership in May.

1. Weekly system boardings decreased 0.7% in May compared to prior year's level. Weekly boardings increased 1.8% on bus, but decreased 4.4% on MAX, 5.2% on WES and 2.6% on LIFT/Cab.
2. Weekday fixed route boardings were 316,465 in May, 0.9% below the prior year's level. Boardings increased 1.4% on bus, however decreased 4.7% on MAX and 5.4% on WES. Weekend fixed route boardings increased 4.1% on bus, but decreased 3.6% on MAX.
3. The five MAX lines averaged a total of 114,600 weekday, 83,700 Saturday, and 65,400 Sunday boardings in May. Weekday ridership on each of the five MAX lines averaged 57,400 on the Blue Line, 18,700 on the Red Line, 12,500 on the Yellow Line, 15,500 on the Green Line, and 10,500 on the Orange Line. Total MAX ridership decreased 0.3% during weekday peak, and decreased 6.8% during weekday off-peak periods, resulting in a 4.7% decline in weekday MAX ridership. Total weekend ridership decreased 1.6% on Saturday and 5.9% on Sunday, leading to a 4.4% decrease in weekly MAX rides in May.
4. Weekday bus boardings increased 1.4% in May, an increase in weekday peak time periods of 0.3% and 1.9% in weekday off-peak time periods. Weekend boardings also increased 4.1%, resulting in a 1.8% increase in weekly bus rides. Weekly boardings decreased 0.6% on frequent routes, but increased 4.8% on non-frequent routes.
5. WES averaged 1,665 daily boardings in May, 5.4% below the prior year's level. In May, WES operated with 26 late trains, 8 out of service trains, zero missed pullouts, and 3 vehicle mechanical failures, resulting in a 95.1% 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 2.6% in May. Weekday and weekend boardings declined 2.4% and 4.0% respectively, compared to prior year's level.
7. May passenger revenues were \$9.9 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 from \$2.99 to \$3.25, or 8.7% compared to May 2016.

SYSTEM RIDERSHIP SUMMARY

Measure	May 17	May 16	% Change	FY17-TD	FY16-TD	% Change
Avg Weekday Boardings						
<u>Fixed Route</u>						
Bus-Other Service	95,800	92,000	4.1%	87,509	90,380	-3.2%
Bus-Frequent Service*	<u>104,400</u>	<u>105,500</u>	-1.0%	<u>99,473</u>	<u>104,080</u>	-4.4%
Subtotal All Bus	200,200	197,500	1.4%	186,982	194,460	-3.8%
MAX	114,600	120,200	-4.7%	123,200	123,610	-0.3%
Commuter Rail	<u>1,665</u>	<u>1,760</u>	-5.4%	<u>1,761</u>	<u>1,780</u>	-1.0%
Fixed Route Total	316,465	319,500	-0.9%	311,944	319,850	-2.5%
<u>Paratransit</u>						
LIFT& Cabs	3,712	3,804	-2.4%	3,509	3,653	-3.9%
System Total	320,177	323,259	-1.0%	315,453	323,503	-2.5%

Avg Weekly Boardings

<u>Fixed Route</u>						
Bus-Other Service	553,300	528,200	4.8%	505,573	520,982	-3.0%
Bus-Frequent Service*	<u>644,200</u>	<u>648,000</u>	-0.6%	<u>616,045</u>	<u>641,545</u>	-4.0%
Subtotal All Bus	1,197,500	1,176,200	1.8%	1,121,618	1,162,527	-3.5%
MAX	722,100	755,600	-4.4%	766,447	770,828	-0.6%
Commuter Rail	<u>8,325</u>	<u>8,780</u>	-5.2%	<u>8,807</u>	<u>8,882</u>	-0.8%
Fixed Route Total	1,927,925	1,940,575	-0.7%	1,896,872	1,942,237	-2.3%
Frequent Bus % of Total Bus	53.8%	55.1%	-1.3%	54.9%	55.2%	-0.3%
<u>Paratransit</u>						
LIFT & Cabs	20,838	21,394	-2.6%	19,751	20,562	-3.9%
System Total	1,948,763	1,961,969	-0.7%	1,916,623	1,962,800	-2.4%

Operations Cost / Boarding Ride **

<u>Fixed Route</u>						
Bus-Other Service	\$3.87	\$3.77	2.65%	\$4.01	\$3.60	11.39%
Bus-Frequent Service*	\$2.74	\$2.75	-0.36%	\$2.91	\$2.64	10.23%
Subtotal All Bus	\$3.26	\$3.20	1.87%	\$3.40	\$3.07	10.75%
MAX	\$3.14	\$2.51	25.10%	\$2.59	\$2.36	9.75%
Commuter Rail	\$11.96	\$16.78	-28.72%	\$13.80	\$15.55	-11.25%
Fixed Route Total	\$3.25	\$2.99	8.70%	\$3.12	\$2.85	9.47%
<u>Paratransit</u>						
LIFT & Cabs	\$35.01	\$34.62	1.13%	\$36.16	\$33.13	9.15%
System Total	\$3.59	\$3.33	7.81%	\$3.46	\$3.16	9.49%

* 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)

	May 17	May 16	% Change	FY17-TD	FY16-TD	% Change
<u>Ridership (Bus, MAX, WES)</u>						
Avg. Weekday Boarding Rides	316,465	319,500	-0.95%	311,940	319,850	-2.47%
Avg. Weekday Originating Rides	246,019	245,750	0.11%	242,740	246,040	-1.34%
Monthly Boarding Rides/Rev. Hour	55.48	56.03	-0.99%	55.11	57.06	-3.41%
<u>Revenue & Cost Efficiency (Bus, MAX, WES)</u>						
Passenger Revenue/System Cost	27.32%	28.27%	-0.95%	28.52%	30.53%	-2.01%
System Cost/Boarding Ride	\$4.22	\$4.09	3.18%	\$4.14	\$3.79	9.23%
System Cost/Vehicle Hour (Adj. CPI to Prior Year)	\$170.08	\$175.52	-3.10%	\$169.72	\$165.73	2.41%
<u>Labor Productivity (Bus, MAX, WES)</u>						
Bus & Rail Operator Attendance	89.27%	89.68%	-0.41%	89.38%	90.20%	-0.82%
Bus & Rail Maintenance Attendance	95.22%	94.88%	0.35%	94.40%	94.43%	-0.02%
WES Maintenance & Admin Attendance	96.23%	96.79%	-0.55%	95.62%	92.38%	3.24%
Weekly Boarding Rides Per Full Time Employee	686.1	723.9	-5.22%	684.1	731.4	-6.48%
<u>Service Supplied (Bus, MAX, WES)</u>						
Bus Miles Between Mechanical Failures - Lost Service	10,133	11,765	-13.87%	10,914	11,505	-5.14%
Bus Collisions/100,000 Miles	2.26	2.24	0.89%	3.11	2.73	13.92%
Bus % Maintained Pullouts	99.97%	99.98%	-0.01%	99.89%	99.90%	-0.01%
Bus On-Time Performance(1)	81.30%	80.60%	0.70%	80.80%	80.55%	0.25%
MAX Car Miles/Svc Delay Defects(2)	8,846	2,209	300.48%	3,879	2,833	36.94%
MAX Collisions/100,000 Miles	2.26	1.10	105.45%	1.87	1.70	10.00%
MAX % Maintained Pullouts	99.87%	100.00%	-0.13%	99.72%	99.86%	-0.13%
MAX On-Time Performance(1)	89.70%	85.80%	3.90%	85.12%	80.14%	4.98%
WES Miles/Relevant Failure	3,410	9,864	-65.43%	9,866	9,982	-1.16%
WES Collisions	0.00	0.00	N/A	0.00	0.09	-100.00%
WES % Maintained Trips	98.86%	99.85%	-0.99%	99.24%	99.34%	-0.10%
WES On-Time Performance(1)	95.10%	99.10%	-4.00%	94.87%	94.95%	-0.08%

(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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