

**Date:** June 12, 2019  
**To:** ITP Board  
**From:** Conrad Venema / Planning Department  
**Subject:** FY 2019 SECOND QUARTER FIXED ROUTE REPORT CARD


**BACKGROUND**



In keeping with the commitment of reporting system performance to the community, attached is the FY 2019 Second Quarter Report Card (January 2019 through March 2019).

Overall, the report card demonstrates a mixed performance for The Rapid system. The decrease in ridership is concerning though this trend can primarily be attributed to the atypically inclement winter weather experienced throughout the quarter. Fixed route cost effectiveness fell squarely in the green category, and system-wide cost effectiveness was within the yellow category. This is largely due to a reduction in service during those periods of harsh weather which off-set the loss in productivity to a degree. On-time performance remained strong during through quarter as well.




**FIXED ROUTE SERVICE PERFORMANCE**

(Fixed Route service, including Routes 1 - 44 and Silver Line)

**Productivity** – Fixed route ridership in this quarter (1,769,272) decreased 5.5% (-103,073) compared to the same quarter of FY 2018. This is below the standard of > 0.0% and therefore receives a .

**Cost Effectiveness** – Cost per passenger was \$3.66 in this quarter. This is \$0.29 below the standard of \$3.95 and receives a . In addition, there were 1.59 passengers per revenue mile in this quarter. This is 0.06 below the standard of 1.65 passengers per revenue mile and therefore receives a .

**FY 2019 Second Quarter Report Card – Fixed Route**

	<u>2nd Quarter Jan-Mar 2019</u>	<u>2nd Quarter Jan-Mar 2018</u>	<u>Change</u>	-	<u>Difference Standard</u>	
<b><u>Productivity</u></b>						
<sup>1</sup> Total Fixed-Route Ridership	<b>1,769,272</b>	1,872,345	-103,073	≥	<b>0.0%</b>	-5.5% 
<b><u>Cost Effectiveness</u></b>						
<sup>6</sup> Cost per Passenger (fixed route only)	<b>\$3.66</b>	\$3.60	\$0.06	≤	<b>\$3.95</b>	-\$0.29 
<sup>7</sup> Passengers per Revenue Mile	<b>1.59</b>	1.69	-0.10	≥	<b>1.65</b>	-0.06 

**CONTRACTED SERVICE REPORT**

(Contracted service includes GVSU, GRCC, Ferris State and DASH routes)


**FY 2019 Second Quarter Report Card – Contracted**


	<u>2nd Quarter Jan-Mar 2019</u>	<u>2nd Quarter Jan-Mar 2018</u>	<u>Change</u>	<u>Percent Change</u>
Total Fixed-Route Ridership	<b>861,587</b>	907,744	-46,157	-5.1%
Cost per Passenger	<b>\$2.33</b>	\$2.29	\$0.04	1.8%
Passengers per Revenue Mile	<b>2.49</b>	2.65	-0.16	-6.1%


*Note: There are no specific standards attached to Contracted Services*


**TOTAL SERVICE PERFORMANCE**



(Total ridership for the quarter, not including GO!Bus and RapidVan)

**Productivity** – Total ridership in this quarter (2,630,859) decreased -5.4% (-149,230) compared to the same quarter of FY 2018. This is 5.4% below the standard of 0.0% and therefore receives a .

**Preventable Accidents** – There were 1.71 preventable accidents per 100,000 revenue miles in this quarter. This is 0.21 above the standard of 1.5 preventable accidents per 100,000 revenue miles and therefore receives a .

**Customer Service** – There were 4.90 complaints per 100,000 passengers in this quarter. This is 0.40 above the standard of 4.50 and receives a . In addition there were 0.72 commendations per 100,000 passengers. There is no standard for this category.







**On-Time Performance** – Routes operated on-time 84.3% of the time in this quarter. This is 1.3% above the on-time performance standard of 83.0%. As a result, this category receives a .

**Cost Effectiveness** – Cost per passenger was \$3.22 in this quarter. This is \$0.05 above the standard of \$3.17 and therefore receives a . In addition, there were 1.80 passengers per revenue mile in this quarter. This is 0.11 below the standard of 1.91 passengers per revenue mile and therefore receives a .




FY 2019 Quarterly Cost Effectiveness Standards

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Average
Cost per Passenger	\$3.28	\$3.17	\$4.22	\$3.76	\$3.56
Passengers per Mile	1.99	1.91	1.64	1.77	1.83

***FY 2019 Second Quarter Report Card – Contracted and Fixed Route***

	2 <sup>nd</sup> Quarter <u>Jan-Mar 2019</u>	2 <sup>nd</sup> Quarter <u>Jan-Mar 2018</u>	<u>Change</u>	<u>Standard</u>	<u>Difference From Standard</u>	
<b><u>Productivity</u></b>						
Total Fixed-Route Ridership	<b>2,630,859</b>	2,780,089	-149,230	≥ 0.0%	-5.4%	
<b><u>Preventable Accidents</u></b>						
Accidents per 100,000 Revenue Miles	<b>1.71</b>	1.03	0.68	≥ 1.50	0.21	
<b><u>Customer Service</u></b>						
Complaints per 100,000 Passengers	<b>4.90</b>	3.70	1.20	≤ 4.50	0.40	
Commendations per 100,000 Passengers	<b>0.72</b>	0.32	0.40	none	n/a	
<b><u>On Time Performance</u></b>						
Percentage of On-Time Buses	<b>84.3%</b>	87.5%	-3.18%	≥ 83.0%	1.3%	
<b><u>Cost Effectiveness</u></b>						
Cost per Passenger (fixed route only)	<b>\$3.22</b>	\$3.17	\$0.05	≤ \$3.17	\$0.05	
Passengers per Revenue Mile	<b>1.80</b>	1.91	-0.11	≥ 1.91	-0.11	

## FY 2019 Report Card Standards

Category	Measurement Standard			
<b><u>Productivity</u></b>				
<sup>1</sup> Total Ridership	Trending over past years	> 0.0%	≤ 0.0% and > -5.0%	≤ -5.0%
		> 0.0%	≤ 0.0% and > -5.0%	≤ -5.0%
<b><u>Preventable Accidents</u></b>				
<sup>2</sup> Preventable Accidents per 100,000 Miles	Trending over past years	-	>1.50 and < 1.75	≥ 1.75
		-	>1.50 and < 1.75	≥ 1.75
<b><u>Customer Service</u></b>				
<sup>3</sup> Complaints per 100,000 Passengers	Trending over past years	-	> 4.50 and < 6.00	≥ 6.00
		-	> 4.50 and < 6.00	≥ 6.00
<sup>4</sup> Commendations per 100,000 Passengers	None	n/a	n/a	n/a
<b><u>On Time Performance</u></b>				
<sup>5</sup> Percentage of On-Time Buses	Fixed standard	≥ 83.0%	< 83.0% and > 80.0%	≤ 80.0%
<b><u>Cost Effectiveness</u></b>				
<sup>6</sup> Cost per Passenger (fixed route only)	Projected fixed-route operating expenses divided by ridership projection	≤ \$3.95	> \$3.95 and < \$4.31	≥ 4.31
		≤ \$3.56	> \$3.56 and < \$3.90	≥ \$3.90
<sup>7</sup> Passengers per Mile	Projected ridership/route growth	≥ 1.65	< 1.65 and > 1.47	≤ 1.47
		≥ 1.83	< 1.83 and > 1.63	≤ 1.63

Fixed Route specific measures are in **BLUE** and total services specific measures are in **ORANGE**

<sup>1</sup> Total passengers carried on The Rapid line haul services (Regular fixed and contracted services excluding GO!Bus and vanpool).

<sup>2</sup> Total number of preventable accidents per 100,000 miles. "Preventable" is defined as any accident involving a company vehicle that results in property damage and/or personal injury in which the employee failed to exercise every reasonable precaution to prevent the accident.

<sup>3</sup> Registered complaints logged by customer service via phone, mail, walk-in or by email regarding the fixed-route system. Late bus complaints due to the weather conditions are not included.

<sup>4</sup> Registered commendations logged by customer service via phone, mail, walk-in or by email regarding the fixed-route system.

<sup>5</sup> This category is based on Avail GPS data that track all fixed-route buses. "On-time" is defined as departing from zero minutes before to five minutes after scheduled departure time.

<sup>6</sup> Total line-haul operating expenses divided by total passengers carried. Capital expenses are 100% Federally and State funded and therefore are not included in operating expense calculations. Standards adjust quarterly based on averages from the previous 3 years.

<sup>7</sup> The number of passengers carried per revenue mile. "Revenue mileage" does not include miles traveled to/from the beginning/end of a route. Standards adjust quarterly based on averages from the previous 3 years.