



REGIONAL TRANSPORTATION COMMISSION

Metropolitan Planning • Public Transportation & Operations • Engineering & Construction

Metropolitan Planning Organization of Washoe County, Nevada

March 15, 2019

AGENDA ITEM 3.3

TO: Regional Transportation Commission

FROM: David F. Jickling
Director of Public Transportation Operations and Lee G. Gibson, AICP
Executive Director

SUBJECT: RTC Public Transportation and Operations Report

RECOMMENDATION

Acknowledge receipt of the monthly Public Transportation and Operations Report.

HIGHLIGHTS

SENIOR DAY AT THE NEVADA LEGISLATURE -

RTC staff attended Senior Day at the Nevada State Legislature on Friday, February 22, 2019, along with a bus load of seniors transported free on a Regional Connector electric bus. On the way to the event, staff provided information to twenty-two seniors about transit options specifically for their needs. Staff also provided



participants with a mini-travel training workshop. The event was hosted by AARP Nevada, Reno Senior Citizens Advisory Committee, Washoe County Senior Services Advisory Board and the Washoe County Senior Coalition.



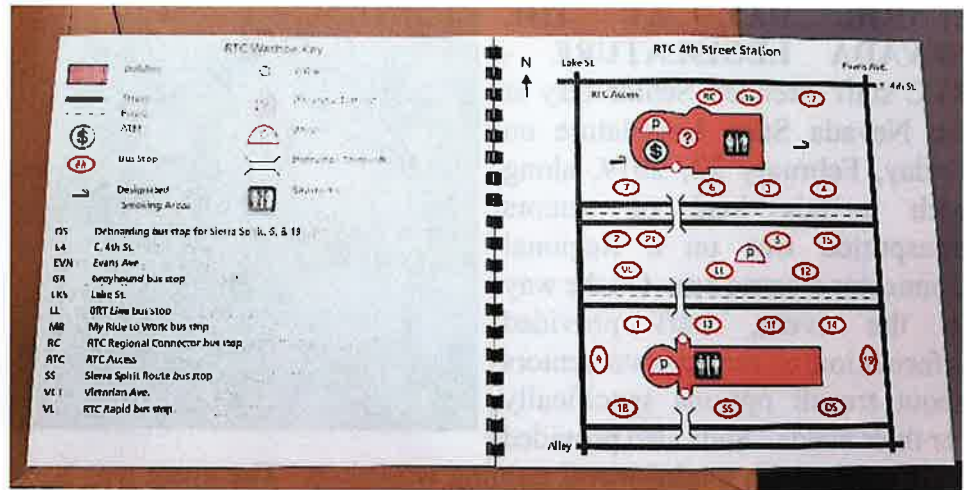
Seniors make up approximately 14% of Nevada’s population and are expected to increase dramatically as Nevada is among the top in the nation for senior population growth. Accessible transportation is a key issue for many Northern Nevada seniors and the majority of older adult’s state they want to age in place in their current

home. This requires access to transportation in order to obtain health care, groceries, and social activities. During this event senior citizens were given the opportunity to have their voices heard and were able to discuss important issues directly with lawmakers. Senator Julia Ratti (Sparks, District 13), Senator Nicole J. Cannizzaro (Las Vegas, District 6), Assembly Member Teresa Benitez-Thompson (Majority floor Leader and District 27), Assembly Member Sarah Peters (Reno, District 24), Assembly Member Michael C. Sprinkle (District 30), Assembly Member Lisa Krasner (Reno, District 26) and Assembly Member Britney Miller (District 5) were among the legislators who took time to talk about priorities for older Americans.



BRAILLE AND LARGE PRINT MAPS NOW AVAILABLE

At the request of the visually impaired community, the RTC worked with Lighthouse to produce tactile maps for 4th Street Station, Centennial Plaza, and the Meadowood Mall transfer center. The maps use braille and large print to identify transit center layouts and bus stop locations by crisp, raised lines that can be easily followed with the fingertips.



The maps will assist our visually impaired passengers to navigate the transit centers more independently. Maps are available at 4th Street Station and Centennial Plaza Customer Service. RTC also posted notices on its social media and informed the National Federation of the Blind local chapter.



RTC STAFF TOURS UNR INTELLIGENT MOBILITY LABS –

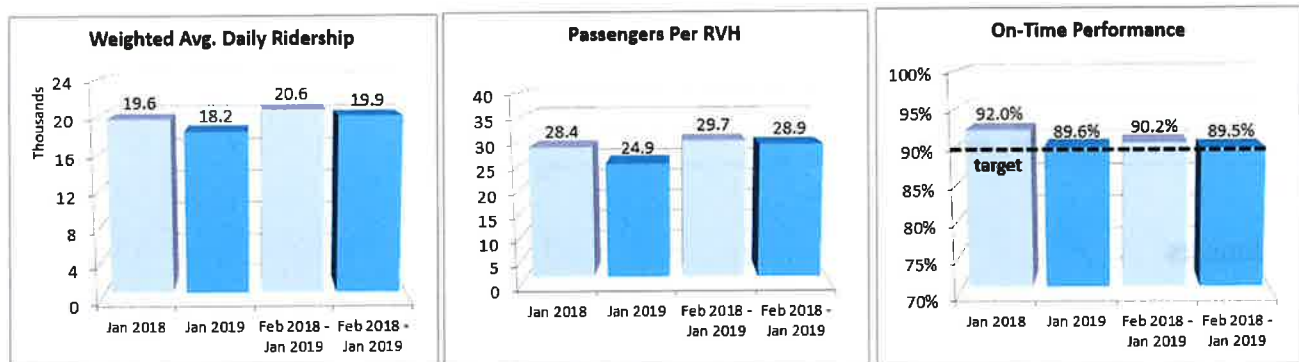
On February 8, staff toured the University of Nevada’s (UNR) Center for Applied Research Intelligent Mobility Initiative Lab. This program builds on the expertise of a multidisciplinary group of University researchers in advanced autonomous systems, computer science and information technology, synchronized transportation, robotics, geography, social psychology and judicial studies.

RTC and UNR first partnered in 2017 in a project in which an electric Proterra bus

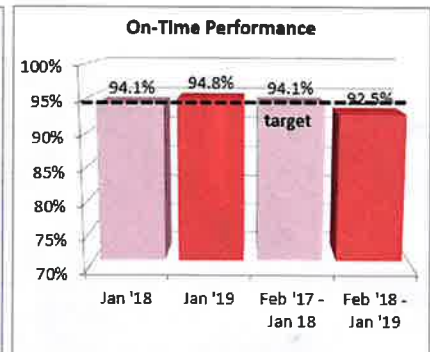
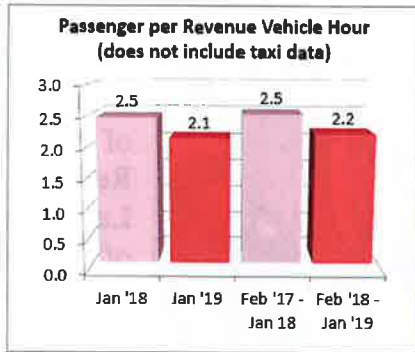
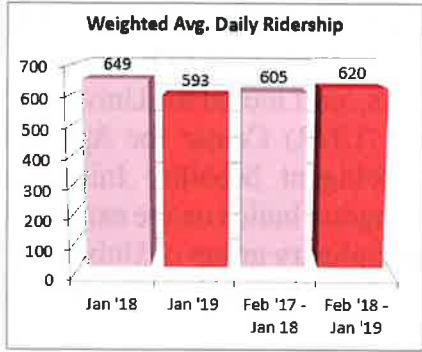
was fully instrumented with a number of systems to sense, gather and integrate a range of data from the bus and vehicle to infrastructure communications. Data collection has been ongoing for two years and has provided a rich data source from which to build a proposed expansion of these technologies in the form of an Automated Driving Systems (ADS) grant application to the USDOT. The proposal will entail a physical demonstration using a Proterra bus outfitted with a proven automated driving system provided by EasyMile, a world-wide leader in automated driving systems.

JANUARY 2019 TRANSIT PERFORMANCE

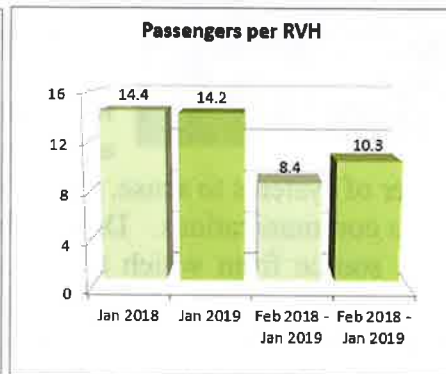
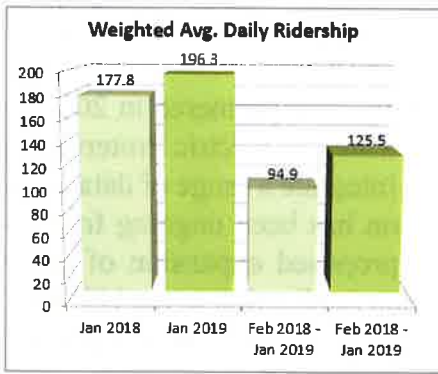
RTC RIDE



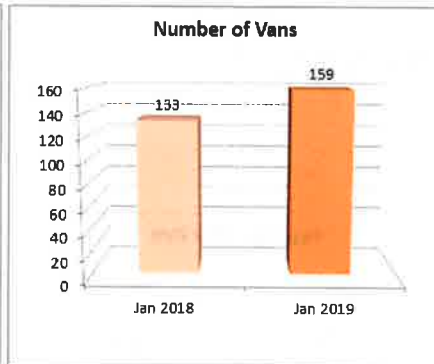
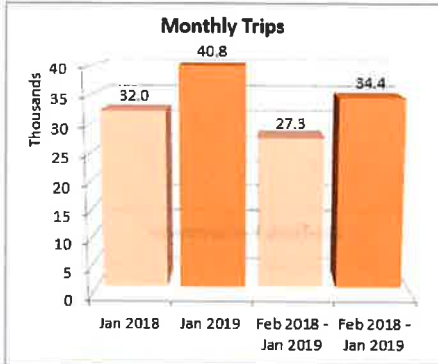
RTC ACCESS



TART



RTC VANPOOL



Attachments

RTC Transit Performance Statistics¹

Performance Indicator	Current month compared with same month last year			Current 12-months compared with previous year		
	Jan 2019	Percent Change	Jan 2018	Feb 2018 - Jan 2019	Percent Change	Feb 2018 - Jan 2019
Monthly Ridership	560,435	-7.1%	603,435	7,198,946	-3.5%	7,460,457
Weighted Avg. Daily Ridership	18,164	-7.2%	19,568	19,903	-3.2%	20,562
Revenue Vehicle Hours (RVH)	22,517	5.9%	21,261	248,738	-1.1%	251,569
Passengers Per RVH	24.9	-12.3%	28.4	28.9	-2.4%	29.7
Revenue Vehicle Miles (RVM)	245,299	1.3%	242,249	2,803,854	-1.9%	2,859,236
Complaints Per 25,000 Trips	2.68	-28.2%	3.73	4.62	29.3%	3.57
Accidents per 100,000 Miles	6.11	111.6%	2.89	4.28	37.5%	3.11
On-Time Performance ²	89.6%	-2.5%	92.0%	89.5%	-0.8%	90.2%

Performance Indicator	Dec 2018	Percent Change	Dec 2017	Jan 2018 - Dec 2018	Percent Change	Jan 2018 - Dec 2018
Revenue*	\$393,928	-5.6%	\$417,346	\$5,396,588	-2.9%	\$5,558,279
Farebox Recovery Ratio*	17.1%	17.8%	14.5%	21.2%	1.9%	20.8%
Subsidy per Passenger*	\$3.59	-11.9%	\$4.07	\$2.76	-2.5%	\$2.84

¹ RTC Transit includes RTC RIDE, RTC RAPID, RTC INTERCITY and SIERRA SPIRIT

² Percent of trips zero min. early and five minutes or less late

* - latest data

RTC ACCESS Performance Statistics

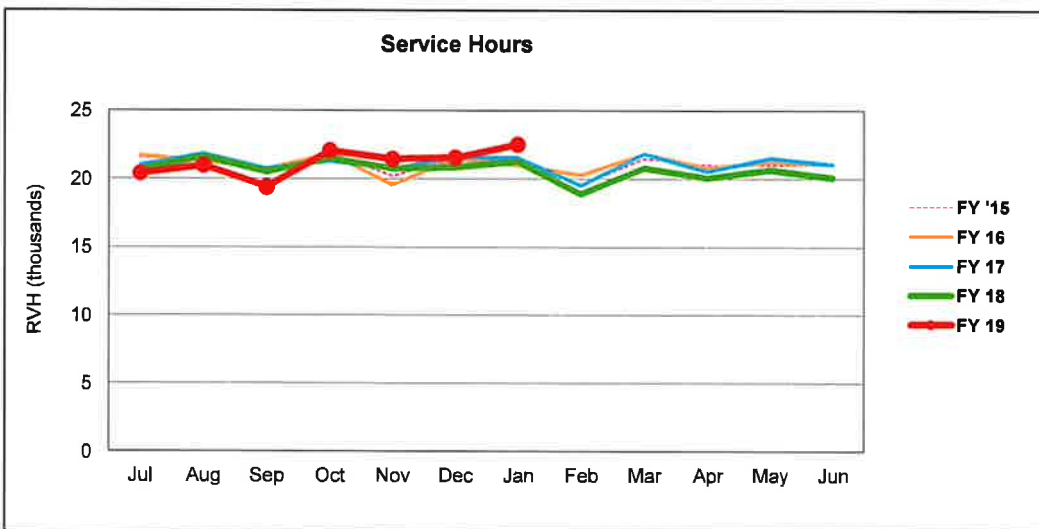
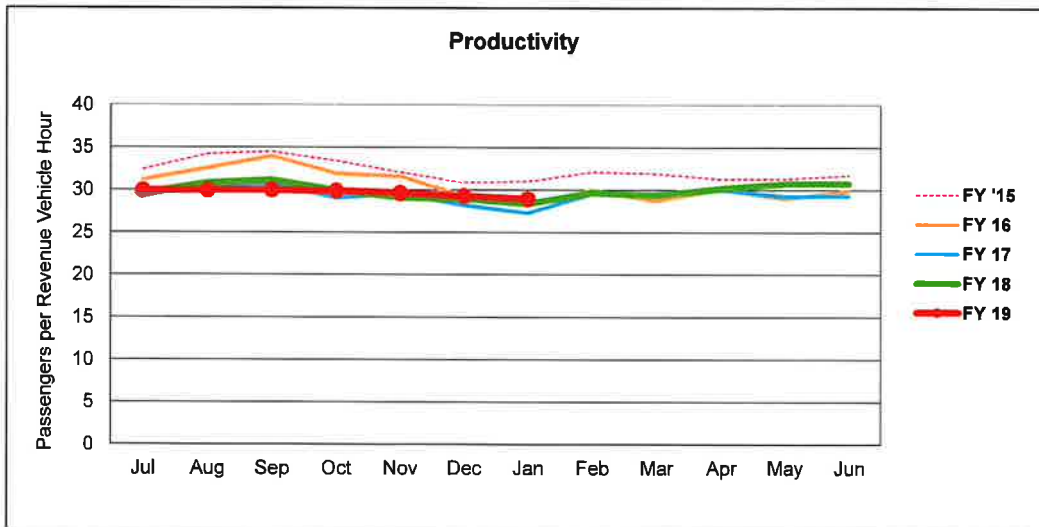
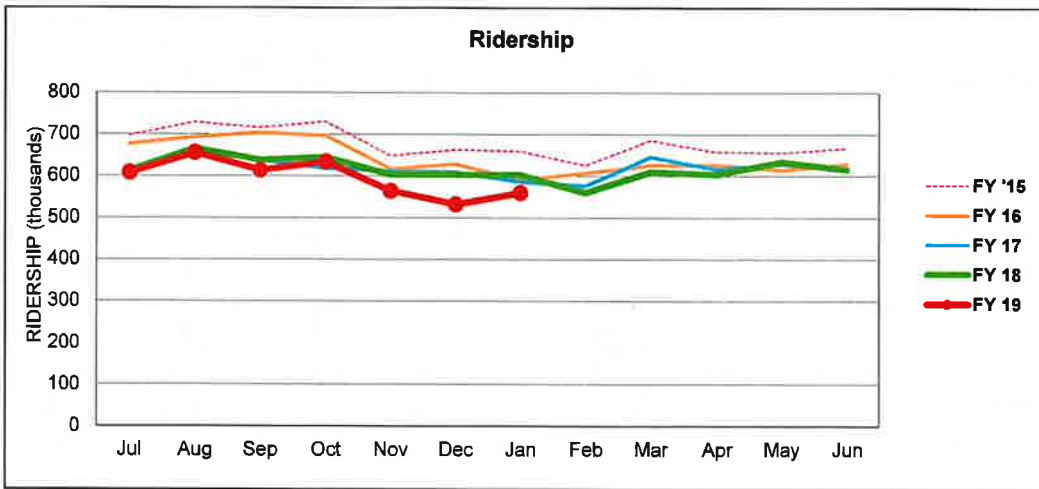
Performance Indicator	Current month compared with same month last year			Current 12-months compared with previous year		
	Jan '19	Percent Change	Jan '18	Feb '18 - Jan '19	Percent Change	Feb '17 - Jan 18
Monthly Ridership	19,044	-11.5%	21,510	239,319	-2.5%	245,469
Weighted Avg. Daily Ridership	593	-8.6%	649	620	2.4%	605
Revenue Vehicle Hours	8,514	9.2%	7,798	101,071	18.0%	85,667
Passenger per Revenue Vehicle Hour (does not include taxi data)	2.11	-14.1%	2.45	2.19	-12.8%	2.51
Revenue Vehicle Miles (RVM)	139,989	3.6%	135,109	1,591,990	9.4%	1,455,580
Complaints per 1,000 Rides	0.95	103.3%	0.46	0.69	-7.5%	0.75
ADA Capacity Denials	0	0.0%	0	0	0.0%	0
Other Denials	0	-100.0%	5	9	-89.2%	83
Accidents per 100,000 Miles	0.71	-51.7%	1.48	0.45	-35.4%	0.70
On-Time Performance (does not include taxi data)	94.8%	0.7%	94.1%	92.5%	-1.7%	94.1%
Taxi On-Time Performance	88.1%	-6.7%	94.4%	92.1%	-5.0%	97.0%
Performance Indicator	Sept '18	Percent Change	Sept '17	July '18 - Sept '18	Percent Change	July '17 - Sept '17
Revenue*	\$160,905	10.6%	\$145,483	\$495,702	9.9%	\$451,082
Farebox Recovery Ratio*	23.35%	18.95%	19.63%	22.28%	17.88%	18.90%
Subsidy per Passenger*	\$20.35	-11.1%	\$22.90	\$20.73	-18.2%	\$25.33

*September 2018 data is the latest available.

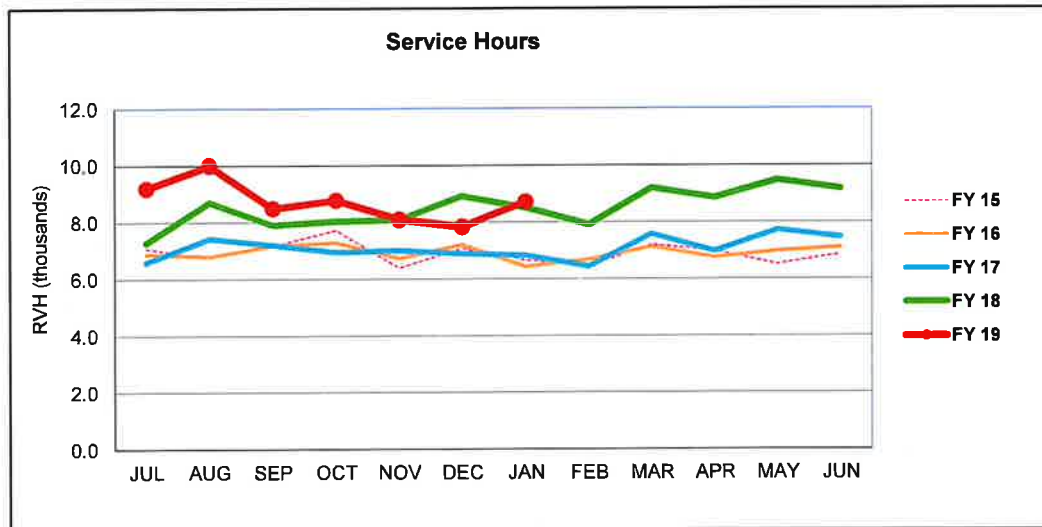
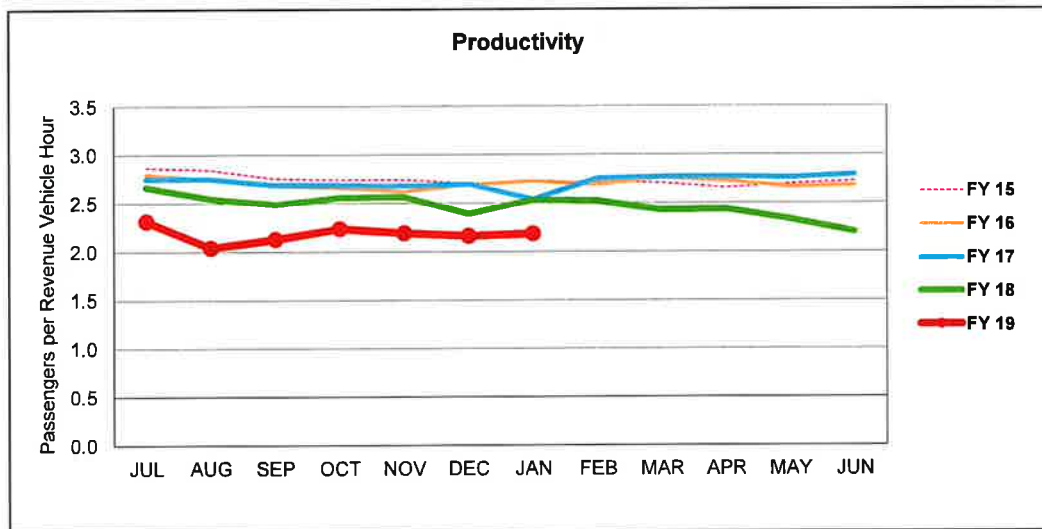
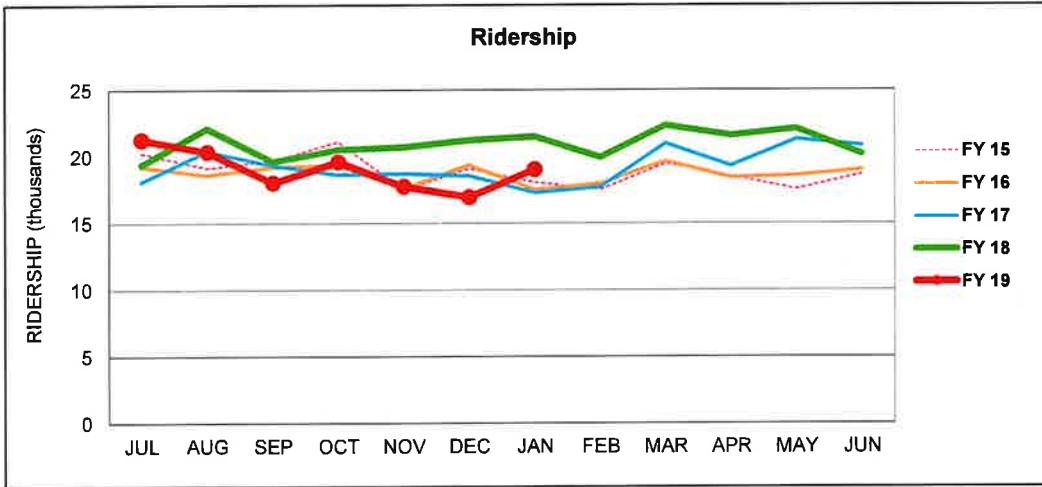
TART Performance Statistics

Performance Indicator	Current month compared with same month last year			Current 12-months compared with previous year		
	Jan 2019	Percent Change	Jan 2018	Feb 2018 - Jan 2019	Percent Change	Feb 2018 - Jan 2019
Monthly Ridership	5,846	5.8%	5,523	45,261	30.4%	34,718
Weighted Avg. Daily Ridership	196.3	10.4%	177.8	125.5	32.2%	94.9
Revenue Vehicle Hours (RVH)	411	7.3%	383	4,402	6.8%	4,121
Passengers per RVH	14.2	-1.4%	14.4	10.3	22.0%	8.4
Revenue Vehicle Miles (RVM)	7,951	-4.8%	8,349	94,302	5.0%	89,854
Revenue	\$4,785	-19.9%	\$5,975	\$49,259	29.1%	\$38,158
Farebox Recovery Ratio	9.7%	-28.2%	13.6%	9.5%	9.0%	8.7%
Subsidy per Passenger	\$7.58	10.1%	\$6.89	\$10.36	-9.9%	\$11.50

RTC Transit Fiscal Year Comparisons



RTC ACCESS Fiscal Year Comparisons



TART - Nevada Fiscal Year Comparisons

