

# Farebox recovery ratio

The **farebox recovery ratio** (also called **fare recovery ratio**, **fare recovery rate** or other terms) of a passenger transportation system is the fraction of operating expenses which are met by the fares paid by passengers. It is computed by dividing the system's total fare revenue by its total operating expenses.<sup>[1]</sup>

## Fare structures

There are generally two types of fare structures: a simple, flat rate fare structure (pay a fixed fare regardless of time of day and/or travel distance) or a complex, variable rate fare structure (pay a variable fare depending on time of day and/or travel distance). A variable fare structure is typically associated with a higher recovery ratio, though it may simply be the case that such systems are implemented only on more profitable networks or modes such as commuter rail. Variable-rate fares require a higher initial investment in fare ticketing technologies such as the use of contactless smart cards, turnstiles or fare gates, automated ticket machines, as well as IT infrastructure.<sup>[2]</sup>

## Farebox ratios around the world

The farebox recovery ratio is the ratio of fare revenue to total transport expenses for a given system.<sup>[1]</sup> These two figures can be found in the financial statements of the operators. Oftentimes the operator runs multiple modes of transport (e.g. subway and bus), and there is no data for individual modes (segment analysis). In this case the operator is considered as one system, or a group of modes are collectively considered one system.

Fare revenue is not the same as "transport" or "operational" revenue, as there are often secondary sources of revenue such as lockers and paid restrooms and advertisement revenue. Fare revenue is a subset of transport revenue, which is in turn part of total revenue along with "non-transport" or "non-operational" revenue.

Total "transport" or "operational" expenses are a part of total expenses along with "non-transport" or "non-operational" expenses. Total transport expenses may include expansion projects if they are paid for by the operator.

## Asia

Please note that, the "operating ratio" (Japanese:   Korean:  ) commonly published by some Asian systems is different from farebox recovery ratio even after inverting the number to turn cost per unit revenue into revenue per unit cost, as that figure includes all operating revenue instead of only the fare revenue.<sup>[3]</sup>

Country or Region	System	Ratio	Fare system	Year
Hong Kong	<u>Mass Transit Railway (MTR)</u>	106.76%	Mostly Distance based	2021 <sup>[4]</sup>
Hong Kong	<u>Hong Kong Tramway</u>	48.80%	Flat rate	2021 <sup>[5]</sup>
Hong Kong	<u>Kowloon Motor Bus</u>	100.05%	Route-specific	2021 <sup>[6]</sup>
	<u>Long Win Bus</u>	77.91%	Route-specific	2021 <sup>[6]</sup>
Hong Kong	<u>Citybus</u>	72.98% <sup>[7]</sup>	Route-specific	2021 <sup>[8]</sup>
	<u>New World First Bus</u>	76.73%	Route-specific	2021 <sup>[8]</sup>
Japan	<u>JR Central Rail</u>	245.95%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>JR East Rail</u>	142.44%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>JR West Rail</u>	132.38%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>JR Kyushu Rail</u>	111.34%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>JR Shikoku Rail</u>	69.84%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>JR Hokkaido Rail</u>	59.18%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>JR Freight Freight rail</u>	96.25%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Sapporo Municipal Subway</u>	220.79%	Distance based	FY2018 <sup>[9]</sup>
	<u>Sapporo Streetcar</u>	104.31%	Flat rate	FY2018 <sup>[9]</sup>
Japan	<u>Hakodate Streetcar</u>	82.87%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Sendai Subway</u>	159.68%	Mixed zonal and distance based	FY2018 <sup>[9]</sup>
Japan	<u>Tokyo Metro</u>	161.55%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Tokyo Toei rail services</u>	74% <sup>[10]</sup>	Distance based	2015
	<u>Tokyo Toei Subway</u>	171.46%	Distance based	FY2018 <sup>[9]</sup>
	<u>Tokyo Toei Streetcar</u>	83.39%	Flat rate	FY2018 <sup>[9]</sup>
	<u>Tokyo Toei elevated rail</u>	109.84%	Flat rate	FY2018 <sup>[9]</sup>
	<u>Tokyo Toei other rails</u>	136.81%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Yokohama Municipal Subway</u>	232.28%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Meitetsu Railway</u>	155.99%	Distance based	FY2018 <sup>[9]</sup>
	<u>Meitetsu Tramway</u>	90.70%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Nagoya Municipal Subway</u>	167.24%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Kintetsu Railway Rail</u>	152.77%	Distance based	FY2018 <sup>[9]</sup>
	<u>Kintetsu Railway Cable</u>	36.70%	Various	FY2018 <sup>[9]</sup>
Japan	<u>Nankai Electric Railway Rail</u>	161.26%	Distance based	FY2018 <sup>[9]</sup>
	<u>Nankai Electric Railway Cable</u>	31.12%	Flat rate	FY2018 <sup>[9]</sup>
Japan	<u>Keihan Electric Railway Rail</u>	166.51%	Distance based	FY2018 <sup>[9]</sup>
	<u>Keihan Electric Railway Subway</u>	29.05%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Keihan Electric Railway Streetcar</u>	73.08%	Distance based	FY2018 <sup>[9]</sup>
	<u>Keihan Electric Railway Cable</u>	71.73%	Flat rate	FY2018 <sup>[9]</sup>

Japan	<u>Hankyu Railway</u>	123%	Distance based	1991 <sup>[11]</sup>
		169.74%		FY2018 <sup>[9]</sup>
Japan	<u>Hanshin Electric Railway</u>	146.75%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Osaka Municipal Transportation Bureau</u>	137%	Distance based	1991 <sup>[11]</sup>
	<u>Osaka Metro</u> Subway	208.51%	Distance based	FY2018 <sup>[9]</sup>
	<u>Osaka Metro</u> APM/AGT	105.35%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Kyoto Municipal Subway</u>	201.04%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Kobe Municipal Subway</u>	169.52%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Nishi-Nippon Railroad Rail</u>	149.92%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Fukuoka City Subway</u>	205.38%	Distance based	FY2018 <sup>[9]</sup>
Japan	<u>Kitakyushu Monorail</u>	144.15%	Tabular	FY2018 <sup>[9]</sup>
Japan	<u>Nagasaki Electric Tramway</u>	105.11%	Flat rate	FY2018 <sup>[9]</sup>
Japan	<u>Kumamoto</u> Tram	102.60%	Flat rate	FY2018 <sup>[9]</sup>
Japan	<u>Kagoshima</u> Tram	98.36%	Flat rate	FY2018 <sup>[9]</sup>
Japan	<u>Okinawa Urban Monorail</u>	187.55%	Distance based	FY2018 <sup>[9]</sup>
Pakistan	<u>Lahore Metrobus</u>	37.2% <sup>[12]</sup>	Flat rate	2014
Taiwan	<u>Taipei Mass Rapid Transit</u>	87.64%	Distance based	2021 <sup>[13]</sup>
Taiwan	<u>Kaohsiung Mass Rapid Transit</u>	52.57%	Distance based	2020 <sup>[14]</sup>
Singapore	<u>SMRT Corporation</u> (Singapore)	101%	Distance based	2018 <sup>[15]</sup>
China	<u>Beijing Subway</u>	22%	Flat rate <sup>[16]</sup>	2013 <sup>[17]</sup>
		35.08%	Distance based	2021 <sup>[18]</sup>
China	<u>Shenzhen Metro</u>	82.20% <sup>[19]</sup>	Distance based	2021 <sup>[20]</sup>
China	<u>Guangzhou Metro</u>	77.05% <sup>[21][22]</sup>	Distance based	2021 <sup>[21]</sup>

# Europe

Country	Region / City	System	Ratio	Fare system	Year
Austria	Vienna	<u>Vienna U-Bahn</u>	49%	Flat rate	2008 <sup>[23]</sup>
Germany	Berlin	<u>Berliner Verkehrsbetriebe</u>	70%	Zone based	2010 <sup>[24]</sup>
Belgium	Brussels	<u>Brussels Intercommunal Transport Company</u>	35%		2007 <sup>[25]</sup>
Czechia	Prague	<u>Prague Integrated Transport</u>	17%	Flat rate	2022 <sup>[26]</sup>
Denmark	Copenhagen	<u>Copenhagen Metro</u>	93.5%	Zone based	2023 <sup>[27]</sup>
France	<u>Paris</u>	<u>Île-de-France Mobilités</u>	29%	Flat rate for passes Distance based for tickets	2018 <sup>[28]</sup>
Germany	Munich	<u>Munich Transport and Tariff Association</u>	70%	Zone based	2010 <sup>[29]</sup>
Italy	Milan	<u>Milan Transportation System</u>	49%		2016 <sup>[27]</sup>
	<u>Rome</u>	<u>Rome Metro</u>	36%		2007 <sup>[25]</sup>
Netherlands	Amsterdam	<u>Gemeentelijk Vervoerbedrijf Amsterdam</u>	88%	Distance based	2018 <sup>[30]</sup>
	Rotterdam	<u>Rotterdamse Elektrische Tram</u>	99%	Distance based	2018 <sup>[31]</sup>
Poland	Warsaw	ZTM	37%		2019 <sup>[32]</sup>
Spain	Catalonia	<u>Metropolitan lines of Ferrocarrils de la Generalitat de Catalunya (Catalonia)</u>	93%	Zone based	2014 <sup>[33]</sup>
	Madrid	<u>Madrid Metro</u>	41%		2007 <sup>[25]</sup>
Sweden	<u>Stockholm</u>	<u>Storstockholms Lokaltrafik</u>	52%	Flat rate	2017 <sup>[34]</sup>
	<u>Östergötland County</u>	<u>Östgötatrafiken</u>	43%	Zone based	2023 <sup>[35]</sup>
Switzerland	Zurich	<u>Zürich S-Bahn</u>	60%	Zone based	2014 <sup>[27]</sup>
Finland	Helsinki	<u>Helsinki Regional Transport Authority</u>	49% <sup>[36]</sup>	Zone based	2019
Turkey	Istanbul	<u>Metro Istanbul A.S.</u>	90%	Flat rate	2019 <sup>[37]</sup>
United Kingdom	London	<u>London Underground</u>	129.50% <sup>[38]</sup>	Zone based	2022–2023 <sup>[38]</sup>
		<u>London Overground</u> and <u>Docklands Light Railway</u>	94% <sup>[39]</sup>	Zone based	2018–19 <sup>[39]</sup>

# North America

## Canada

Canada Farebox recovery rate

Region	Operator	Fare Revenue (\$000s, CAD)	Operating Expenses (\$000s, CAD)	Ratio	Fare System	Year
Nationwide	<u>VIA Rail</u>	\$408,400	\$812,500	50.3% <sup>[40]</sup>	Distance & demand based	2023 <sup>[41]</sup>
<u>Brampton</u>	<u>Brampton Transit</u>	\$125,102	\$233,752	53.5% <sup>[40]</sup>	Flat rate	2024 <sup>[42]</sup>
<u>Calgary</u>	<u>Calgary Transit</u>	\$147,400 <sup>[43]</sup>	\$437,900	33.7% <sup>[40]</sup>	Flat rate	2023 <sup>[44]</sup>
<u>Edmonton</u>	<u>Edmonton Transit System</u>	\$123,841	\$623,513	19.9% <sup>[40]</sup>	Flat rate	2024 <sup>[45]</sup>
<u>Mississauga</u>	<u>MiWay</u>	\$101,400 <sup>[46]</sup>	\$215,800 <sup>[46]</sup>	47%	Flat rate	2024 <sup>[47]</sup>
<u>Montreal</u>	<u>Société de transport de Montréal</u>			46%	Flat rate	2016 <sup>[48]</sup>
<u>Ottawa</u>	<u>OC Transpo</u>	\$289,773	\$724,386	40.0% <sup>[40]</sup>	Flat rate	2024 <sup>[49]</sup>
<u>Quebec City</u>	<u>Réseau de transport de la Capitale</u>			39%	Flat rate	2011 <sup>[47]</sup>
<u>Greater Toronto and Hamilton Area</u>	<u>GO Transit</u>	\$429,200	\$1,816,900	23.6% <sup>[40]</sup>	Distance based	2023 <sup>[50]</sup>
<u>Toronto</u>	<u>Toronto Transit Commission</u>	\$937,934	\$2,392,245	39.2% <sup>[40]</sup>	Flat rate	2023 <sup>[51]</sup>
<u>Vancouver</u>	<u>TransLink</u>			43.7%	Zone based; transition to distance based upcoming	2022 <sup>[52]</sup>
<u>Victoria</u>	BC Transit (Victoria regional transit system)			28.4%	Flat rate	2022 <sup>[53]</sup>
<u>Winnipeg</u>	<u>Winnipeg Transit</u>	\$92,544	\$218,985	42.3% <sup>[40]</sup>	Flat rate	2024 <sup>[54]</sup>
<u>Regional Municipality of York</u>	<u>York Region Transit</u>	\$75,000 <sup>[55]</sup>	\$304,291	24.6% <sup>[40]</sup>	Flat rate	2024 <sup>[56]</sup>

# United States

Region	System Operator	Fare Revenue	Operating Expenses	Ratio	Fare System	Year
Nationwide	<u>Amtrak</u>	\$2,991,500,000	\$3,626,800,000	81.1%	Distance & demand based	2024 <sup>[57]</sup>
<u>Montgomery County MD, DC</u>	<u>RideOn</u>	\$5,276,327	\$178,136,970	3%	Flat Rate	2023 <sup>[58]</sup>
<u>Northern Virginia, DC</u>	<u>VRE (Virginia Railway Express)</u>	\$28,000,000	\$190,000,000	15%	Distance based	2023 <sup>[59]</sup>
<u>Boston, MA-NH-RI</u>	<u>MBTA</u>	\$545,414,783.00	\$1,556,792,859.00	20.5%	Flat rate <sup>[60]</sup>	2023 <sup>[61]</sup>
<u>New York-Newark, NY-NJ-CT</u>	<u>NYC Ferry</u>			29%	Flat Rate	2017 <sup>[62]</sup>
	<u>MTA Bus</u>	\$95,403,036.00	\$712,036,903.00	13.40%		2020 <sup>[63]</sup>
	<u>MTA Long Island Rail Road</u>	\$272,532,791.00	\$1,464,445,571.00	18.61%	Zone based <sup>[64]</sup>	2020 <sup>[63]</sup>
	<u>MTA Metro-North</u>	\$243,671,760.00	\$1,207,182,081.00	20.19%	Distance based <sup>[64]</sup>	2020 <sup>[63]</sup>
	<u>MTA New York City Transit</u>	\$2,018,495,902.00	\$8,258,335,723.00	24.44%	Flat rate <sup>[64]</sup>	2020 <sup>[63]</sup>
	<u>MTA Staten Island Railway</u>			11%	Flat rate	2019 <sup>[64]</sup>
	<u>PATH</u>	\$73,263,022.00	\$448,244,536.00	16.34%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
	<u>NYCDOT</u>	\$1,342,638.00	\$144,618,026.00	0.93%	Free (Staten Island Ferry)	2020 <sup>[63]</sup>
	<u>NJTransit</u>	\$743,742,067.00	\$2,325,547,904.00	31.98%	Zone based on most Buses and all commuter trains Flat Rate on some buses and all light rails <sup>[65]</sup>	2020 <sup>[63]</sup>
	<u>Bee-Line Bus System</u>	\$18,698,988.00	\$161,250,867.00	11.60%		2020 <sup>[63]</sup>
<u>Chicago, IL-IN</u>	<u>CTA</u>	\$236,301,686.00	\$1,436,453,698.00	16.45%	Flat rate <sup>[66]</sup>	2020 <sup>[63]</sup>
	<u>METRA</u>	\$102,350,491.00	\$710,195,494.00	14.41%	Zone based <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Atlanta, GA</u>	<u>Metropolitan Atlanta Rapid Transit Authority</u>	\$100,300,226.00	\$492,839,897.00	20.35%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Portland, OR-WA</u>	<u>TriMET</u>	\$94,456,931.00	\$518,451,362.00	18.22%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Baltimore, MD</u>	<u>MTA</u>	\$102,029,183.00	\$805,145,982.00	12.67%	Variable <sup>[67]</sup>	2020 <sup>[63]</sup>
<u>San Diego, CA</u>	<u>SDMTS</u>	\$78,709,562.00	\$291,553,478.00	27.00%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Houston, TX</u>	<u>Houston Metro</u>	\$37,305,222.00	\$587,595,095.00	6.35%		2020 <sup>[63]</sup>
<u>Miami, FL</u>	<u>County of Miami-Dade (Transportation &amp; Public Work)</u>	\$47,456,089.00	\$553,336,216.00	8.58%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Denver-Aurora, CO</u>	<u>RTD</u>	\$76,264,572.00	\$623,982,843.00	12.22%	Zone Based <sup>[68]</sup>	2020 <sup>[63]</sup>
<u>Pittsburgh, PA</u>	<u>PRT</u>	\$79,071,495.00	\$434,687,600.00	18.19%		2020 <sup>[63]</sup>

<u>Dallas-Fort Worth-Arlington, TX</u>	<u>DART</u>	\$43,547,629.00	\$569,628,198.00	7.64%	Flat rate <sup>[69]</sup>	2020 <sup>[63]</sup>
<u>Honolulu, HI</u>	City and County of Honolulu (Department of Transportation Services)	\$46,815,334.00	\$278,447,442.00	16.81%		2020 <sup>[63]</sup>
<u>San Francisco-Oakland, CA</u>	<u>SFMTA</u>	\$153,699,058.00	\$903,485,983.00	17.01%	Flat rate <sup>[70]</sup>	2020 <sup>[63]</sup>
	<u>BART</u>	\$341,586,797.00	\$681,983,690.00	50.09%	Distance based <sup>[71]</sup>	2020 <sup>[63]</sup>
	<u>AC Transit</u>	\$66,561,904.00	\$501,047,399.00	13.28%		2020 <sup>[63]</sup>
	<u>Oakland Airport Connector</u>			96%	Flat rate	2015–2016 <sup>[72]</sup>
<u>Minneapolis-St. Paul, MN-WI</u>	<u>Metro Transit</u>	\$40,804,932.00	\$413,038,880.00	9.88%	Flat rate with rush hour and express surcharges <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Los Angeles-Long Beach-Anaheim, CA</u>	<u>Orange County Transportation Authority</u>	\$42,450,631.00	\$268,394,220.00	15.82%		2020 <sup>[63]</sup>
	<u>LA Metro</u>	\$199,728,314.00	\$1,841,473,552.00	10.85%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
	<u>Long Beach Transit</u>	\$10,201,475.00	\$92,339,794.00	11.05%		2020 <sup>[63]</sup>
<u>Phoenix-Mesa, AZ</u>	<u>Valley Metro</u>	\$21,292,051.00	\$208,489,994.00	10.21%		2020 <sup>[63]</sup>
<u>San Antonio, TX</u>	<u>VIA Metropolitan Transit</u>	\$15,033,510.00	\$222,032,078.00	6.77%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>St. Louis, MO-IL</u>	<u>St. Louis Metro</u>	\$30,986,092.00	\$282,175,101.00	10.98%		2020 <sup>[63]</sup>
<u>San Jose-Sunnyvale-Santa Clara, CA</u>	<u>VTA</u>	\$28,886,823.00	\$403,260,461.00	7.16%		2020 <sup>[63]</sup>
<u>Buffalo, NY</u>	<u>NFTA</u>	\$34,814,699.00	\$141,163,925.00	24.66%		2020 <sup>[63]</sup>
<u>Salt Lake City-West Valley City, UT</u>	<u>UTA</u>	\$32,521,480.00	\$319,885,004.00	10.17%		2020 <sup>[63]</sup>
<u>Austin-Round Rock- San Marcos, TX</u>	<u>CapMetro</u>	\$15,298,332.00	\$229,551,099.00	6.66%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Charlotte, NC-SC</u>	<u>CATS</u>	\$21,018,416.00	\$162,317,729.00	12.95%		2020 <sup>[63]</sup>
<u>Detroit–Warren–Dearborn, MI</u>	<u>DDOT</u>	\$13,954,074.00	\$101,100,585.00	13.80%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Miami–Fort Lauderdale–West Palm Beach, FL</u>	<u>BCT</u>	\$13,814,362.00	\$158,832,625.00	8.70%		2020 <sup>[63]</sup>
<u>Milwaukee–Waukesha, WI</u>	<u>MCTS</u>	\$16,739,398.00	\$141,752,155.00	11.81%		2020 <sup>[63]</sup>
<u>Orlando–Kissimmee–Sanford, FL</u>	<u>Lynx</u>	\$13,596,128.00	\$139,097,081.00	9.77%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
<u>Sacramento, CA</u>	<u>SacRT</u>	\$21,517,225.00	\$173,873,225.00	12.38%		2020 <sup>[63]</sup>
<u>Cleveland–Elyria, OH</u>	<u>RTA</u>	\$26,194,783.00	\$259,797,759.00	10.08%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>

<u>Washington, DC-VA-MD</u>	<u>Washington Metropolitan Area Transit Authority</u>	\$492,953,775.00	\$2,028,885,121.00	24.30%	Distance based <sup>[73]</sup>	2020 <sup>[63]</sup>
	<u>Montgomery County, Maryland</u>	\$13,387,860.00	\$127,225,668.00	10.52%		2020 <sup>[63]</sup>
Seattle, WA	<u>King County Metro bus</u>			8.9%	Flat <sup>[74]</sup>	2022 <sup>[75]</sup>
	<u>Washington State Ferries</u>			51%	Route Based	2023 <sup>[76]</sup>
	<u>Sound Transit Express Bus</u>	\$14,403,774	\$144,174,454	10%	Zone & distance based	2023 <sup>[77]</sup>
	<u>Sound Transit Link Light Rail</u>	\$32,358,465	\$205,314,451	16%	Zone & distance based	2023 <sup>[77]</sup>
	<u>Sound Transit Sounder Regional Rail</u>	\$4,966,273	\$65,649,821	8%	Zone & distance based	2023 <sup>[77]</sup>
	<u>Pierce Transit</u>	\$54,164,161	\$127,654,974	42%	Flat rate	2021 <sup>[78]</sup>
<u>Albany-Schenectady, NY</u>	<u>CDTA</u>	\$20,804,704.00	\$93,755,632.00	22.19%		2020 <sup>[63]</sup>
<u>Harrisburg, PA</u>	<u>Capital Area Transit</u>	\$2,398,430	\$20,278,765	17%	Flat rate	2022 <sup>[79]</sup>
<u>Las Vegas-Henderson, NV</u>	<u>Las Vegas Monorail</u>			56%	Flat rate	2016 <sup>[71]</sup>
	<u>RTC</u>	\$51,823,479.00	\$227,523,119.00	22.78%		2020 <sup>[63]</sup>
<u>Philadelphia, PA-NJ-DE-MD</u>	<u>SEPTA</u>	\$353,276,517.00	\$1,301,894,928.00	27.14%	Flat rate <sup>[65]</sup>	2020 <sup>[63]</sup>
	<u>PATCO</u>	\$15,542,809	\$63,349,398	25%	Distance based	2023 <sup>[80]</sup>
<u>Orlando, FL</u>	<u>SunRail</u>			7%	Distance based	2018 <sup>[81]</sup>
	<u>Peninsula Corridor Joint Powers Board (Caltrain)</u>			70%	Zone based	2019 <sup>[82]</sup>
	<u>Santa Clara Valley Transportation Authority</u>			10%	Express surcharges	2016 <sup>[83]</sup>
	<u>Southern California Regional Rail Authority (Metrolink)</u>			34%	Distance based	2019 <sup>[84]</sup>



# Oceania

Country	Region	System	Ratio	Fare system	Year
Australia	<u>Canberra</u>	<u>ACTION</u>	6.3%	<u>Flat rate</u>	2024 <sup>[85]</sup>
Australia	<u>Brisbane</u>	<u>Translink (Queensland)</u>	24%	<u>Zone &amp; time based</u>	2013 <sup>[86]</sup>
Australia	<u>Perth</u>	<u>Transperth</u>	23%	<u>Zone &amp; time based</u>	2013 <sup>[86]</sup>
Australia	<u>Adelaide</u>	<u>Adelaide Metro</u>	21%	<u>Zone &amp; time based</u>	2013 <sup>[86]</sup>
Australia	<u>Darwin</u>	<u>Transport in Darwin</u>	10%	<u>Zone &amp; time based</u>	2013 <sup>[86]</sup>
Australia	<u>Hobart</u>	<u>Transport in Hobart</u>	22%	<u>Zone &amp; time based</u>	2013 <sup>[86]</sup>
Australia	<u>Melbourne</u>	<u>Melbourne</u>	30%	<u>Zone &amp; time based</u>	2014 <sup>[87]</sup>
Australia	<u>Sydney</u>	<u>Sydney Trains</u>	20%	<u>Distance based</u>	2016 <sup>[88]</sup>
Australia	<u>Sydney</u>	<u>Metropolitan Bus System</u>	25%	Distance based	2016 <sup>[88]</sup>
Australia	<u>Sydney</u>	<u>Sydney Ferries</u>	32%	Distance based	2016 <sup>[88]</sup>
New Zealand	<u>Auckland</u>	<u>Auckland</u>	44%	Zone based	2012–13 <sup>[89]</sup>
New Zealand	<u>Christchurch</u>	<u>Christchurch</u>	35%	Zone based	2012–13 <sup>[89]</sup>
New Zealand	<u>Dunedin</u>	<u>Dunedin</u>	60%	Zone based	2015–16 <sup>[89]</sup>
New Zealand	<u>Hamilton</u>	<u>Hamilton</u>	34%	Flat rate	2012–13 <sup>[89]</sup>
New Zealand	<u>Wellington</u>	<u>Wellington</u>	57%	Zone based	2012–13 <sup>[89]</sup>

# South America

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