

# Summary of Public Transportation

## **A Brief Overview**

Brian Lagerberg, Director  
Public Transportation Division

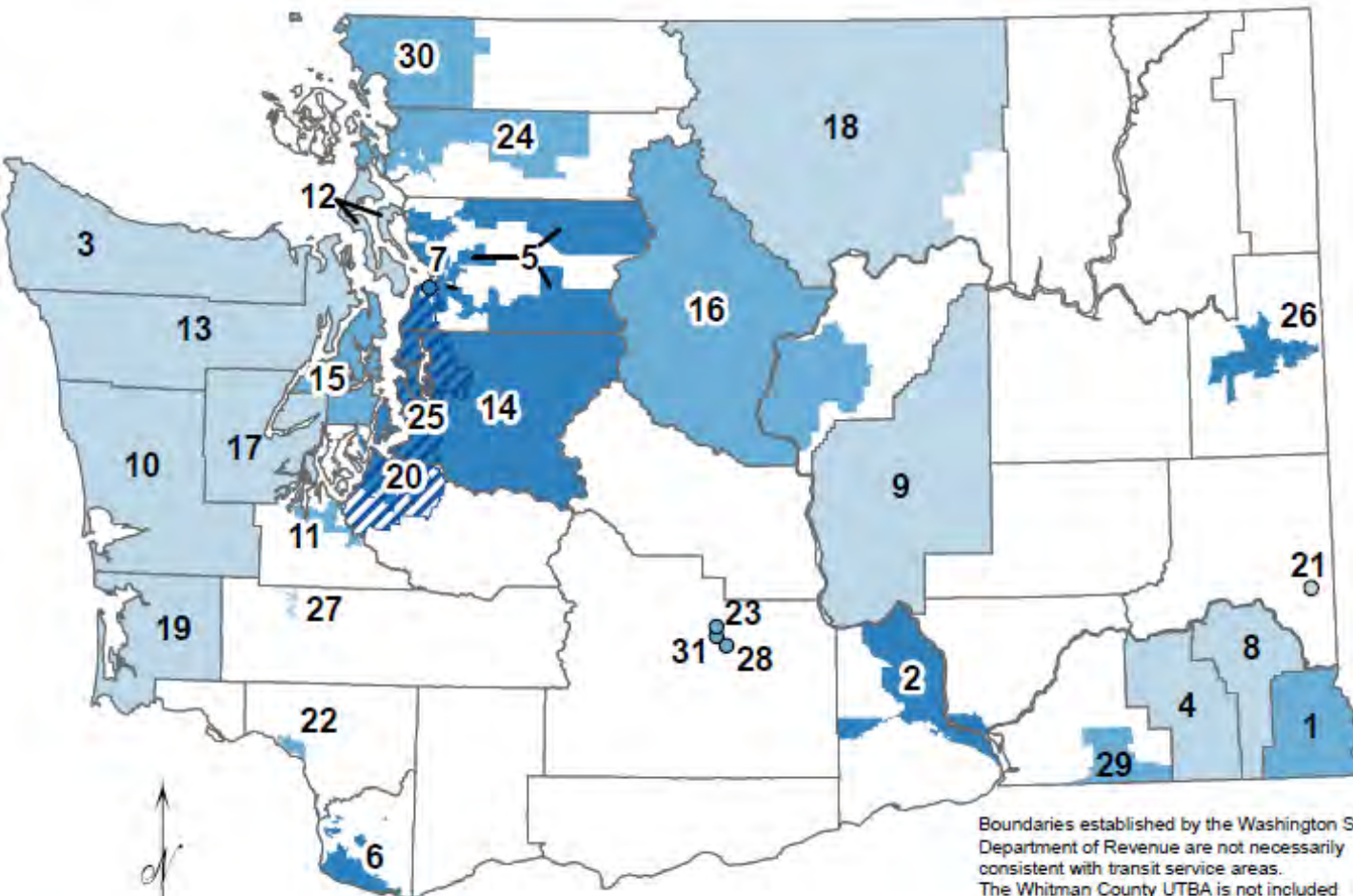
Washington State Transportation Commission January 19, 2017

# Overview



- State requirement – [RCW 35.58.2796](#)
  - Due December 1<sup>st</sup> each year
- Produced for more than 35 years
- Reports on:
  - 31 transit agencies (excludes non-profits and tribes)
  - 15 community transportation providers
  - 6 Apple Health transportation brokers
  - 4 Intercity Bus Programs
  - 8 ferry systems
  - The Seattle Monorail

# Washington State's Public Transit Authorities



## Transit Classification

-  Urban
-  Small Urban
-  Rural
-  Regional District
-  City

- 1 Asotin County PTBA
- 2 Ben Franklin Transit
- 3 Clallam Transit System
- 4 Columbia County Public Transportation
- 5 Community Transit
- 6 C-TRAN
- 7 Everett Transit
- 8 Garfield County Public Transportation
- 9 Grant Transit Authority
- 10 Grays Harbor Transportation Authority
- 11 Intercity Transit
- 12 Island Transit
- 13 Jefferson Transit Authority
- 14 King County Metro
- 15 Kitsap Transit
- 16 Link Transit
- 17 Mason County Transportation Authority
- 18 Okanogan County Transit Authority
- 19 Pacific Transit
- 20 Pierce Transit
- 21 Pullman Transit
- 22 RiverCities Transit
- 23 Selah Transit
- 24 Skagit Transit
- 25 Sound Transit
- 26 Spokane Transit Authority
- 27 Twin Transit
- 28 Union Gap Transit
- 29 Valley Transit
- 30 Whatcom Transportation Authority
- 31 Yakima Transit

Boundaries established by the Washington State Department of Revenue are not necessarily consistent with transit service areas. The Whitman County UTBA is not included because no transportation services are provided within the boundary.

# Mode Types



## – Fixed Route

- Service operating on a repetitive, fixed schedule basis on a specific route

## – Demand Response

- Service characterized by flexible routing and scheduling, i.e. dial-a-ride service

## – Route Deviated

- A cross between fixed route and demand response modes

## – Vanpool

- Prearranged ridesharing service in which 7-15 people travel together regularly in a van

## – Commuter Rail

- Electric or diesel-propelled railway for urban passenger train service

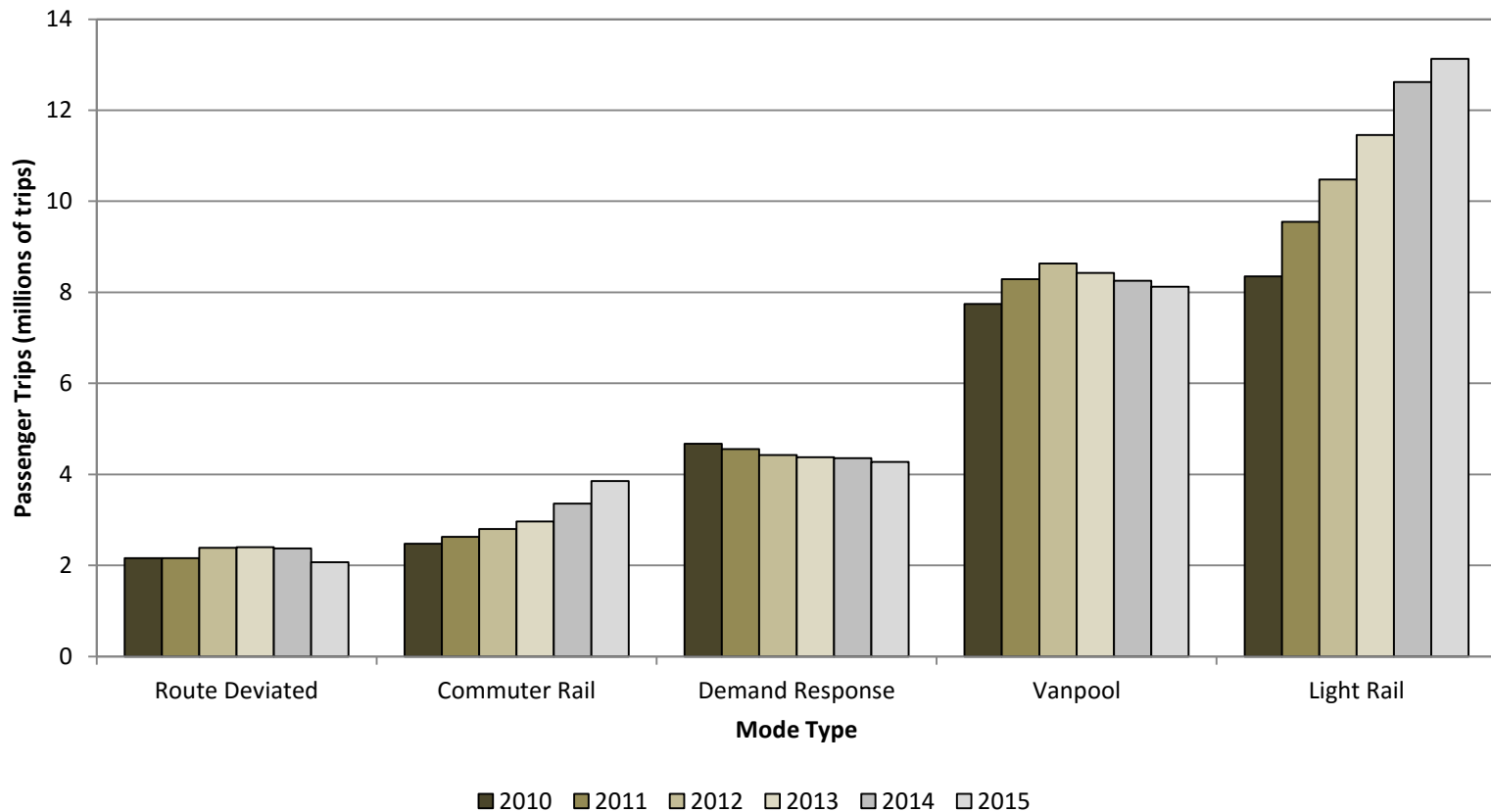
## – Light Rail

- Passenger railway system with an ability to operate single cars or short trains along rails on exclusive right of way

## Basic definitions:

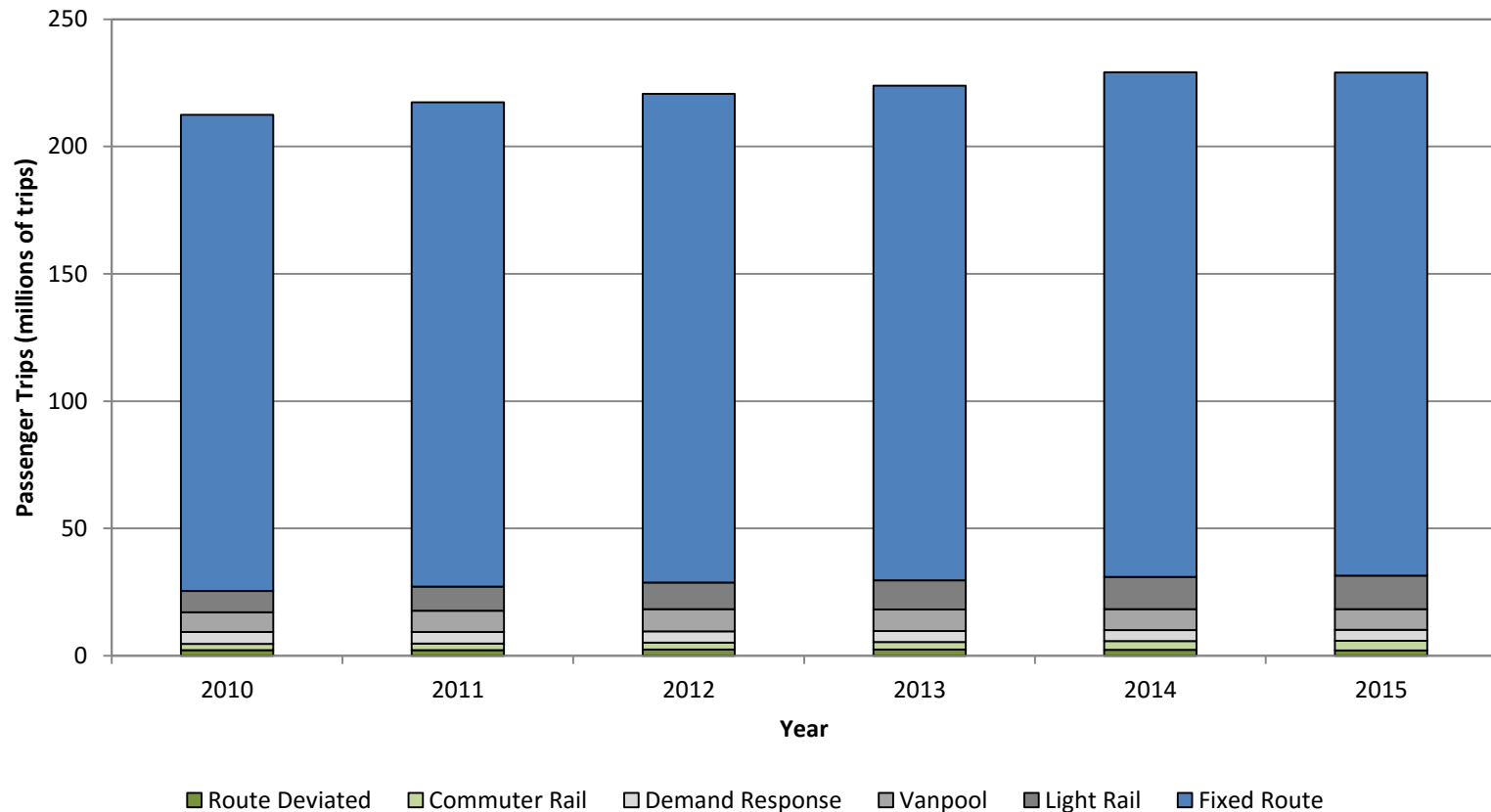
- **Passenger Trip** – A one-way trip from origin to destination
- **Revenue Vehicle Hour** – The time a transit vehicle is providing passenger service
- **Revenue Vehicle Mile** – The miles traveled by transit vehicles while providing passenger service
- **Operating Costs** – Recurring costs of providing service, including salaries, fuel, taxes, repairs, etc.
- **Farebox Recovery Ratio** – All income received directly from passengers divided by operating costs

## Passenger Trip Totals by Mode Type



# Base Metric

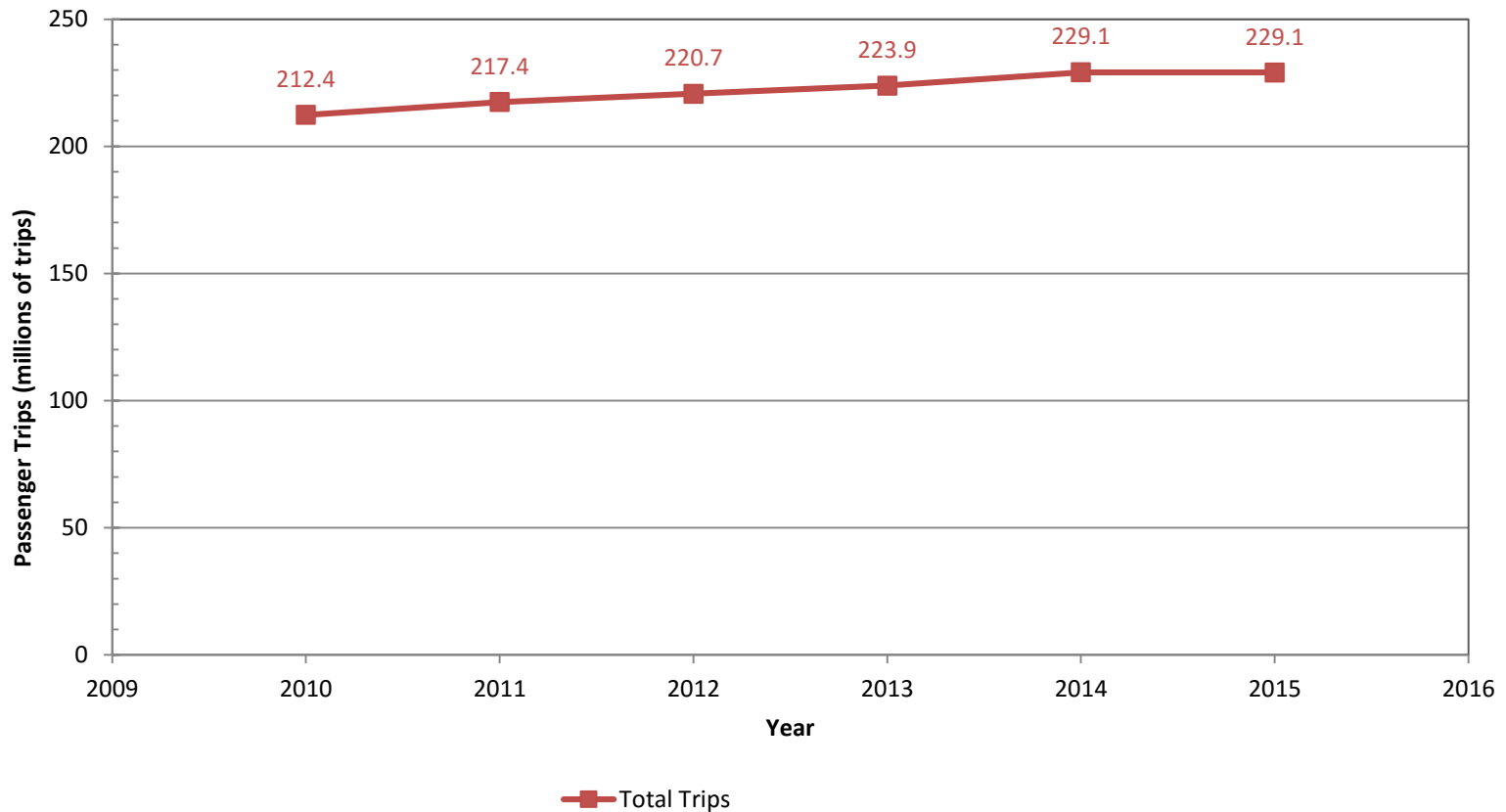
## Cumulative Passenger Trip Totals by Mode Type



# Base Metric



## Passenger Trip Totals

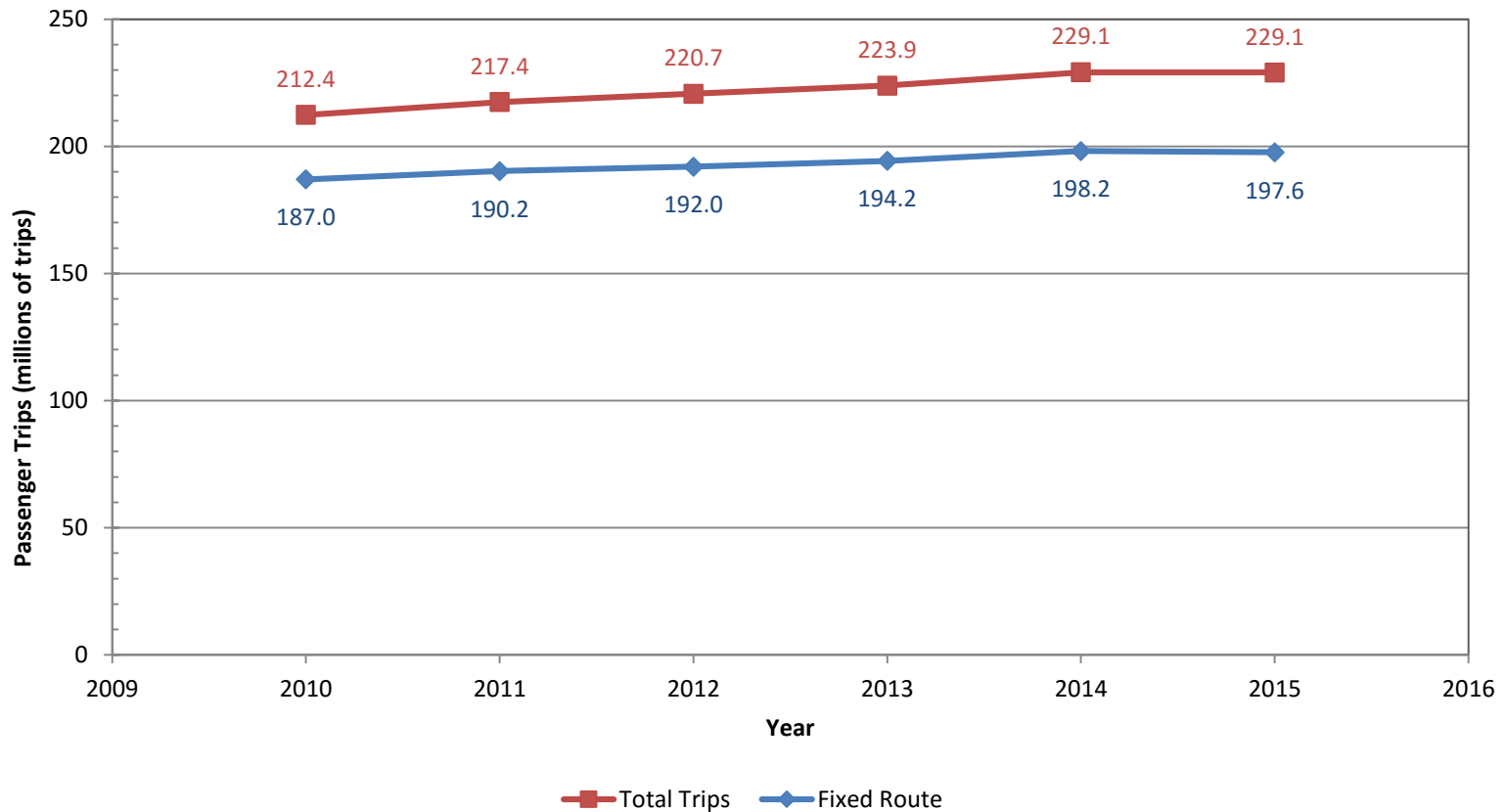




# Base Metric



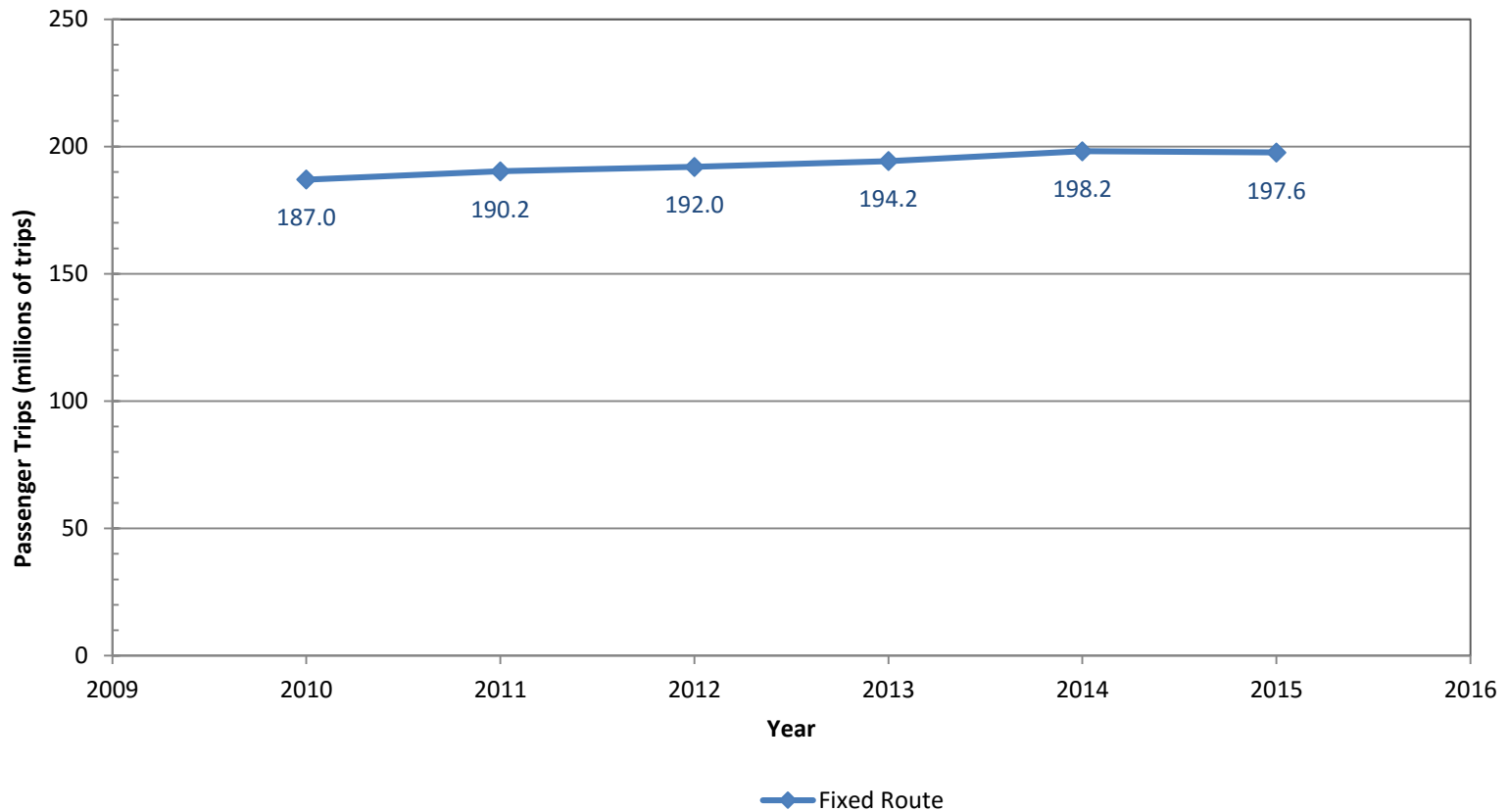
## Passenger Trip Totals



# Base Metric

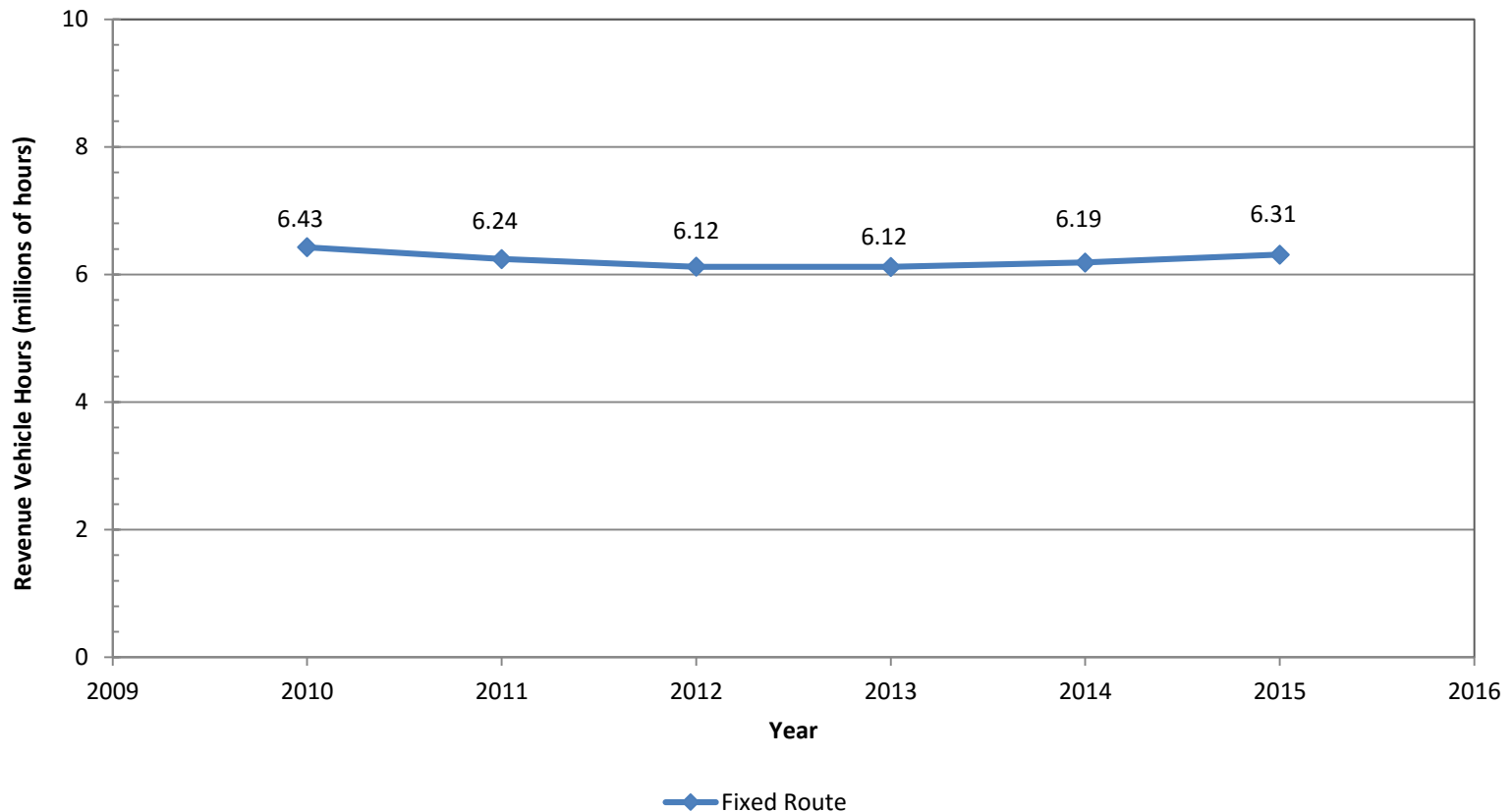


## Passenger Trip Totals

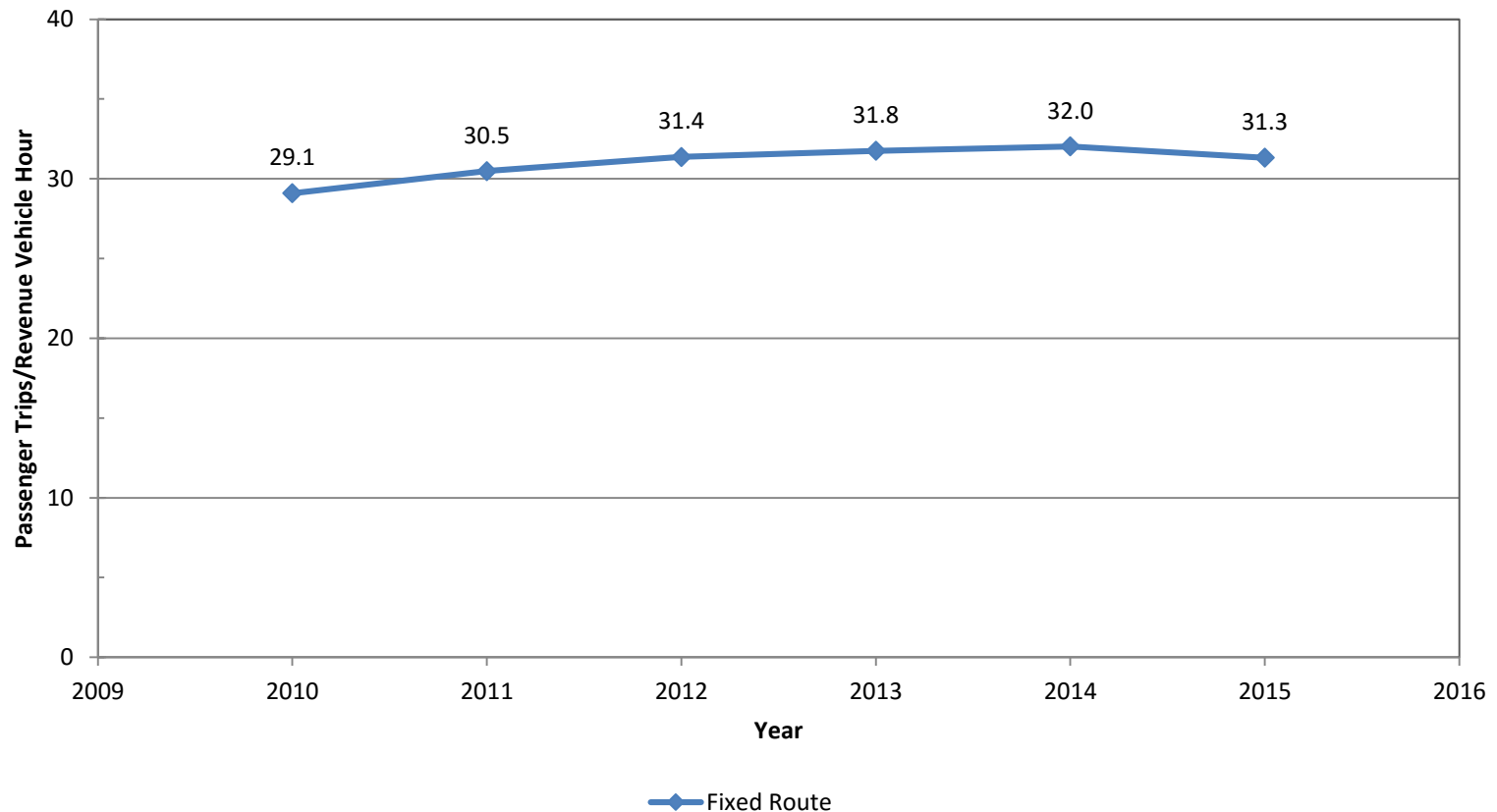


# Base Metric

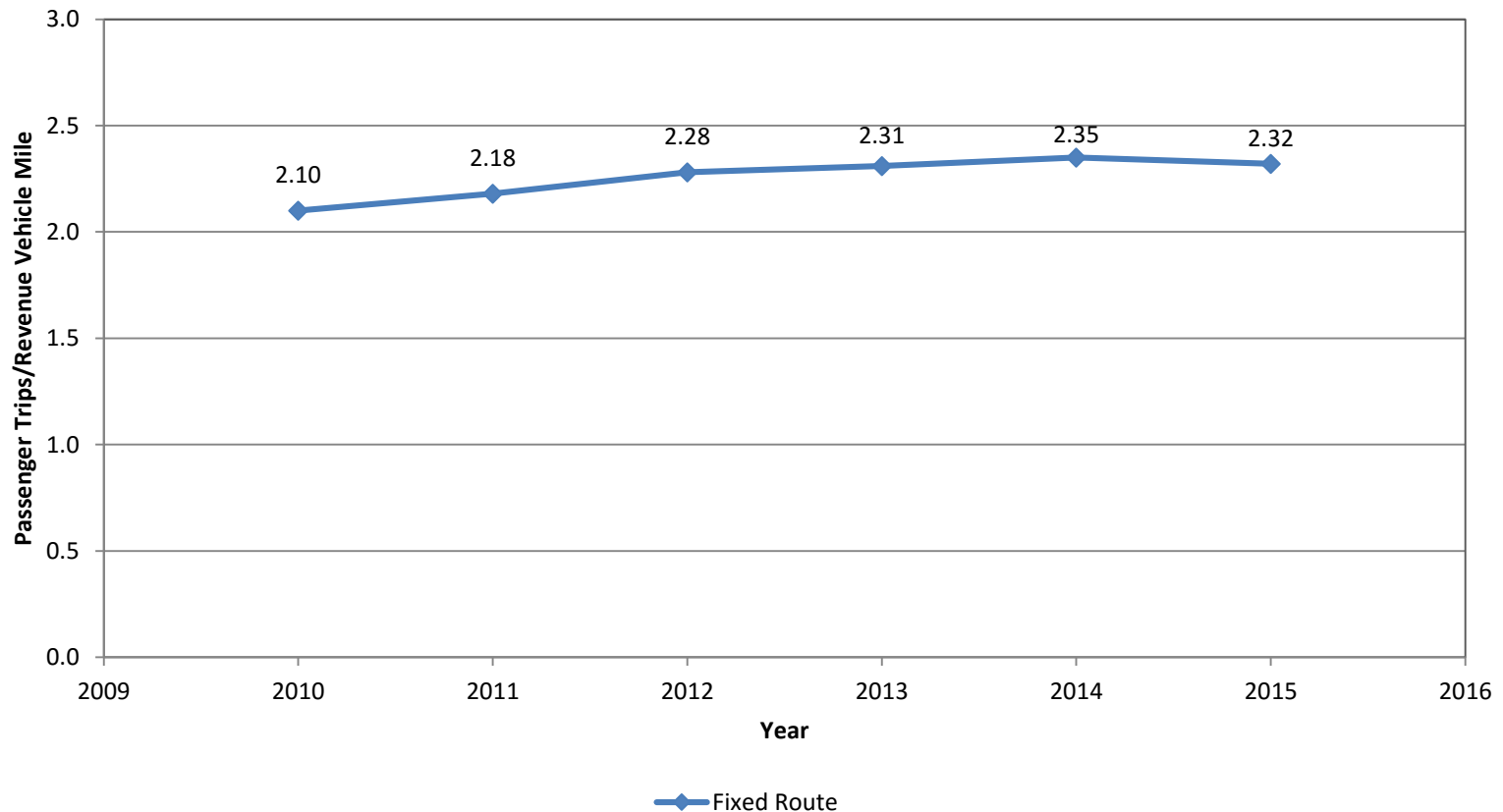
## Revenue Vehicle Hours



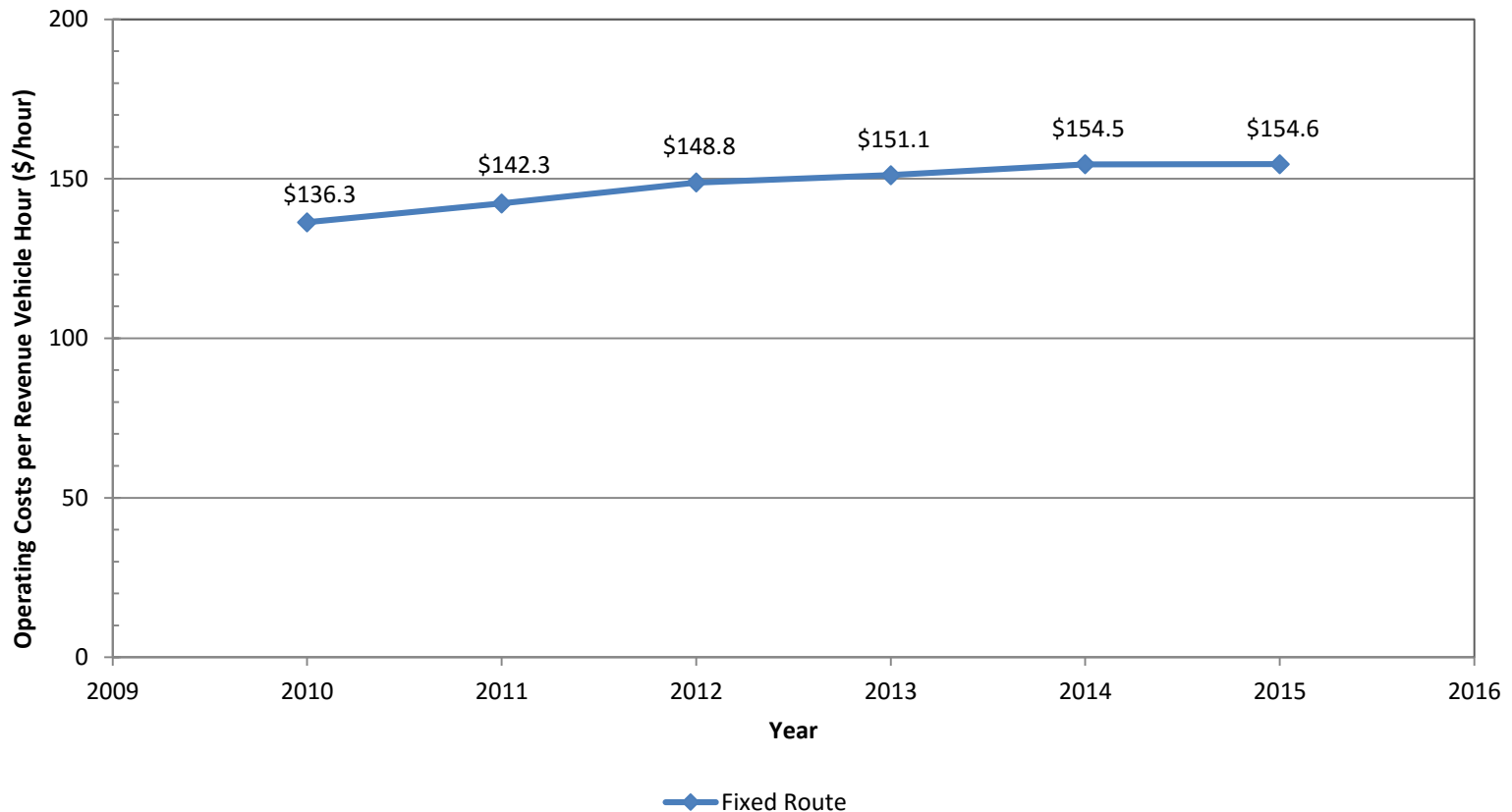
## Passenger Trips per Revenue Vehicle Hour



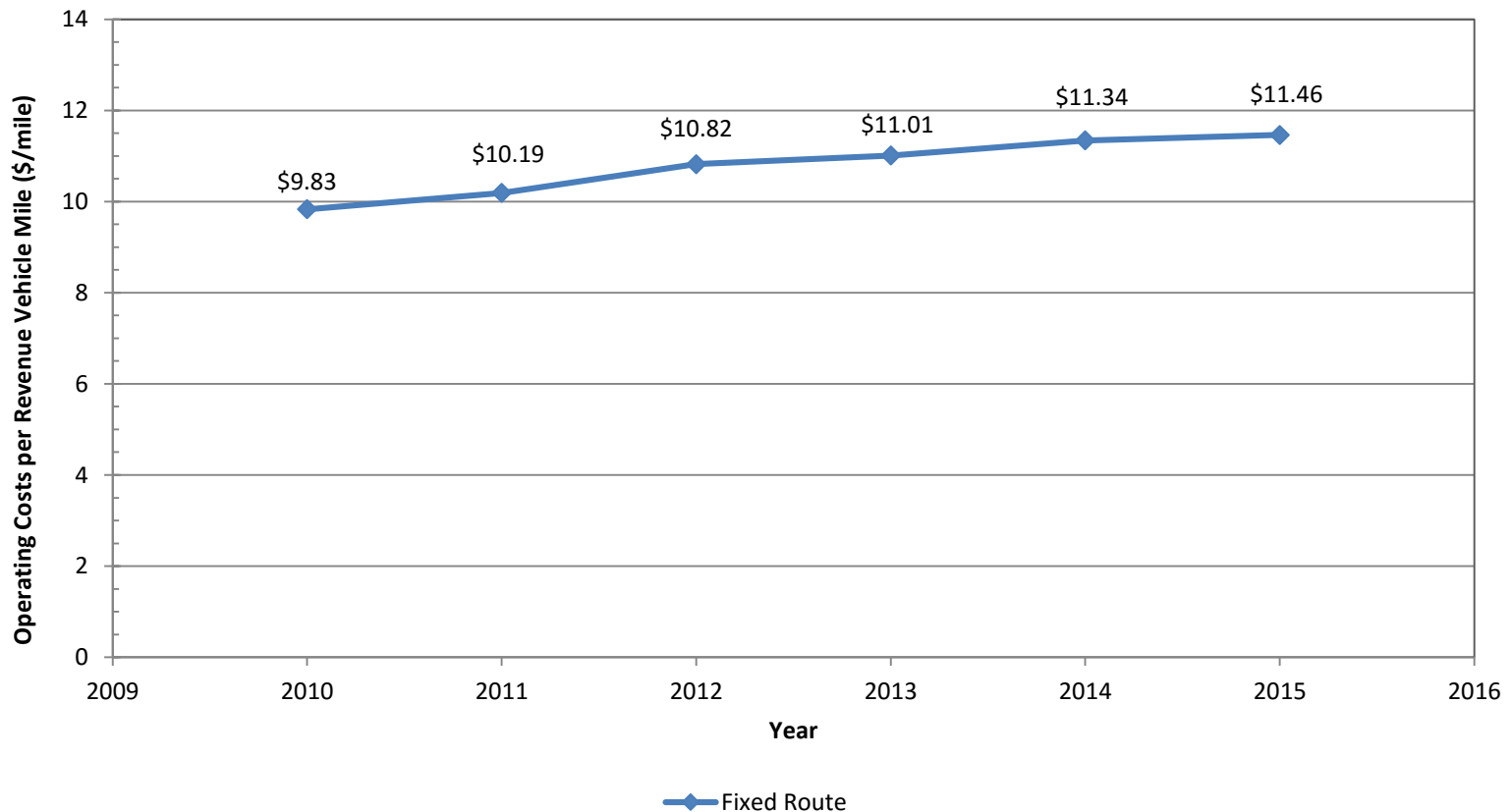
## Passenger Trips per Revenue Vehicle Mile



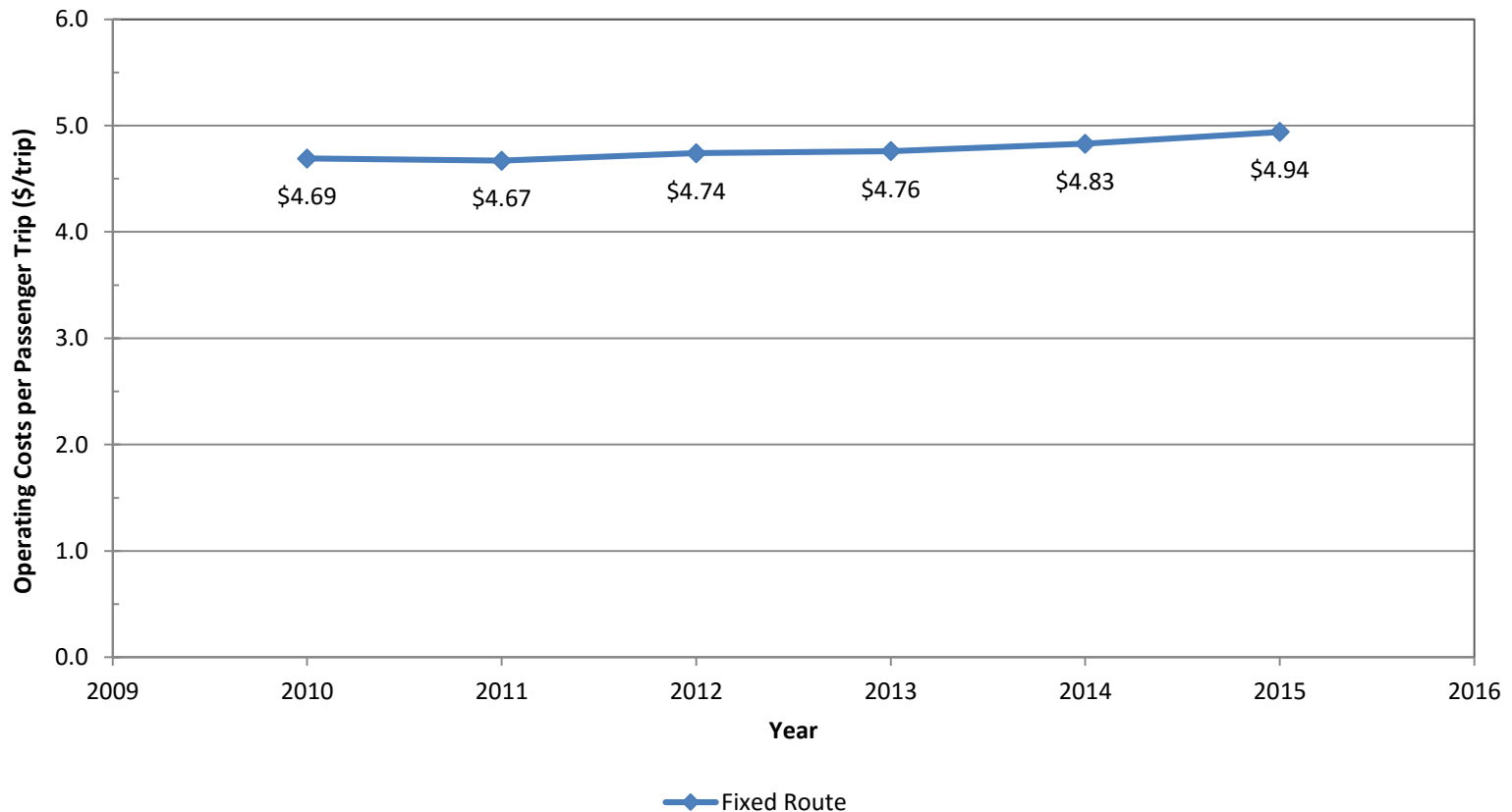
## Operating Costs per Revenue Vehicle Hour



## Operating Costs per Revenue Vehicle Mile

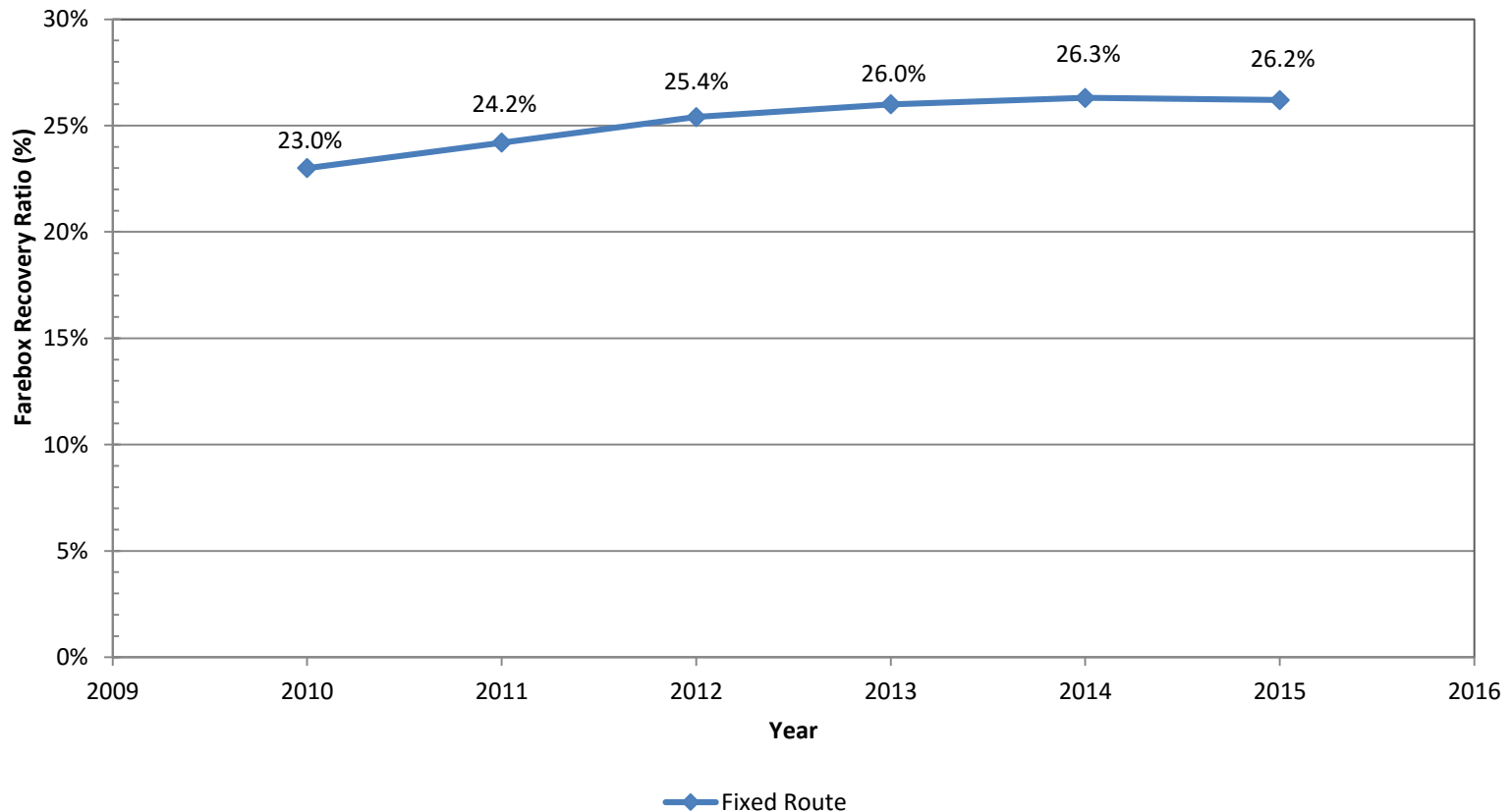


## Operating Costs per Passenger Trip

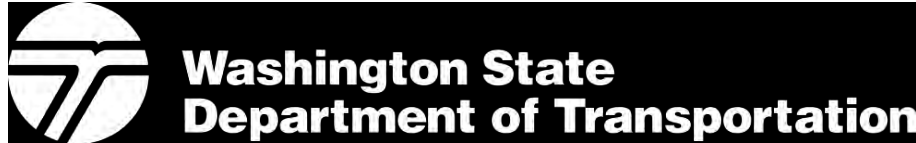




## Farebox Recovery Ratio



# Contact Information/Questions?



Washington State Department of Transportation  
310 Maple Park Avenue SE  
Olympia, WA 98504

Brian Lagerberg  
Director of the Public Transportation Division  
[LagerbB@wsdot.wa.gov](mailto:LagerbB@wsdot.wa.gov)  
360.705.7878



Public Transportation Division Website  
<http://www.wsdot.wa.gov/transit>

2015 Summary of Public Transportation  
<https://www.wsdot.wa.gov/Publications/Manuals/PTSummary.htm>