

**Transportation Revenue  
Forecast Council  
November 2017  
Transportation Economic and  
Revenue Forecasts  
Volume III: Alternate Forecast Tables**

# **Transportation Revenue Forecast Council**

## **Alternative Forecasts**

### **November 2017**

- Alternative Ferry Forecast .....III-3
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# **REVENUE AND RIDERSHIP PROJECTIONS**

## **NOVEMBER 2017 FORECAST**

### **FISCAL YEARS 2018-2029**

Prepared for  
**Washington State Ferries**  
for Presentation to the  
**Transportation Revenue  
Forecast Council**

November 17, 2017 Meeting

Prepared by  
WSP USA

November 17, 2017

# Washington State Ferries

## November 2017 Revenue and Ridership Forecasts — Fiscal Years 2018-2029

### NOVEMBER 2017 FORECAST NOTES

The fare revenue and ridership forecasts for Washington State Ferries (WSF) are completed in four stages. First, monthly ridership projections by seven fare categories are prepared for each route using time series analysis methods, with a forecast horizon from the present through fiscal year (FY) 2029.

The seven fare categories include: (1) passenger full fares, (2) passenger commuter discount fares, (3) passenger other discount fares, (4) auto full fares, (5) auto commuter discount fares, (6) other discount vehicles, and (7) oversize vehicle fares.

Stage two of the process generates system-wide ridership projections. Econometric models combine ferry fare scenarios with demographic and economic projections to produce system-wide unconstrained ridership forecasts by seven fare categories through FY 2029. Within each fare category, the individual route forecasts are then calibrated to match the system-wide forecast totals from the econometric models.

The third stage of the process consists of adjusting the calibrated passenger and vehicle ridership by route to reflect seasonal vehicle capacity constraints, changes in service hours, and/or the net impacts from adding or eliminating service.

Last, the appropriate fares and average fare realizations are applied to the calibrated, capacity-constrained ridership forecasts for each route by fare category. This yields monthly and annual revenue forecasts by route for seven fare categories.

In August 2017, the Washington State Transportation Commission adopted annual fare increases that took effect on October 1, 2017 (FY 2018) and 2018 (FY 2019), effectively changing the fare assumptions for the Baseline and Alternative 1 Forecasts, starting with the September 2017 Forecast.

- **Baseline Forecast** – Includes nickel-rounded fare increases in FY 2018 of 2.1% for passengers, 2.9% for non-oversize vehicles, and an average of 1.6% on oversize vehicles, effective October 1, 2017. FY 2019 increases of 2.1%, 2.5% and 0.0%, respectively, are set to follow on October 1, 2018. With no further fare increases, real fares will decline from FY 2020 forward.
- **Alternative 1 Forecast** – Builds on the Baseline Forecast by adding consecutive 2.5% increases each October, from 2019 through 2028 (FY 2020-29), resulting in slightly increasing real fares under current inflation projections.

The FY 2018 projections have been updated to include actual ridership and revenue through October 2017.

### Ridership Impacts

- The November 2017 Forecast for ridership incorporates the latest updated demographic and economic variable projections provided by the State.
- Modest upward revisions to the real personal income projections over the forecast horizon contribute to higher forecast period ridership demand.
- The statewide population forecasts have been revised slightly upward, nudging up passenger full fare and vehicle oversize ridership, while somewhat dampening gains in real personal income per capita and its effect on other fare categories. However, the working age population indices for ferry-served communities used in forecasting commuter fare ridership have not yet been updated.
- The three measures of employment forecasts collectively exhibit an immaterial impact on ridership, with total employment up a little bit but two subset measures down slightly.
- Very marginal revisions to the inflation projections do not significantly contribute to the revised ridership forecasts.
- Real gasoline price projections have been revised upward by an average of 5.5% in FY 2018-19, dampening the near-term vehicle/driver ridership forecasts. Thereafter, real gas prices remain within  $\pm 0.5\%$  of September forecast levels.
- Service disruptions on the Anacortes/San Juans/Sidney, Seattle/Bremerton, Port Townsend/Coupeville and Fauntleroy/Vashon/Southworth routes during late summer resulted in lower than expected ridership in the first quarter of FY 2018.
- Overall, the ridership forecasts for FY 2018 and FY 2019 are 0.7% and 0.4% lower, respectively, than the previous Baseline and Alternative 1 Forecasts.

### Revenue Impacts

- The 2017/19 biennium forecast of \$391.7 M is 3.7 M (0.9%) lower than the September Baseline and Alternative 1 Forecasts. This amount is distributed as \$383.5 M in base fares to the operating account and \$8.2 M in fare surcharge revenue to the capital account.
- For the 2019/21 biennium, forecasted revenues of \$406.9 M under the Baseline Forecast and \$416.0 M under the Alternative 1 are both \$0.7 M (0.2%) higher than projected in September.
- Thereafter, the biennial revenue for the Baseline Forecast ranges from 0.6% to 1.0% higher, and the Alternative 1 Forecast ranges from 0.6% to 0.9% higher than projected in September.

# Washington State Ferries

## REVENUE PROJECTIONS ~ BASELINE FORECAST

Adopted Fares through October 1, 2018 | No Changes in Fares after FY 2019<sup>1</sup>

November 2017 Forecast – Fiscal Years 2018-2029

Fiscal Year	November 2017 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	November vs. September Forecast			September 2017 Baseline	
				% Change by Fiscal Year	\$ Change and % Change by Biennium		Capacity-Constrained Revenue Forecast	Biennium Total
2010	\$147,009,545	1.7%						
2011	\$147,447,850	0.3%	\$294,457,395					
2012	\$155,085,373	5.2%						
2013	\$162,047,033	4.5%	\$317,132,406					
2014	\$167,441,867	3.3%						
2015	\$175,965,750	5.1%	\$343,407,617					
2016	\$181,444,863	3.1%						
2017	\$186,973,746	3.0%	\$368,418,609					
2018 <sup>2</sup>	\$192,845,000	3.1%		(1.1%)			\$195,006,000	
2019	\$198,838,000	3.1%	\$391,683,000	(0.8%)	(\$3,730,000)	(0.9%)	\$200,407,000	\$395,413,000
2020	\$202,353,000	1.8%		(0.0%)			\$202,369,000	
2021	\$204,500,000	1.1%	\$406,853,000	0.4%	\$705,000	0.2%	\$203,779,000	\$406,148,000
2022	\$206,799,000	1.1%		0.5%			\$205,697,000	
2023	\$209,243,000	1.2%	\$416,042,000	0.6%	\$2,417,000	0.6%	\$207,928,000	\$413,625,000
2024	\$211,500,000	1.1%		0.6%			\$210,146,000	
2025	\$213,860,000	1.1%	\$425,360,000	0.7%	\$2,822,000	0.7%	\$212,392,000	\$422,538,000
2026	\$216,116,000	1.1%		0.8%			\$214,486,000	
2027	\$218,195,000	1.0%	\$434,311,000	0.9%	\$3,475,000	0.8%	\$216,350,000	\$430,836,000
2028	\$220,212,000	0.9%		1.0%			\$218,117,000	
2029	\$222,132,000	0.9%	\$442,344,000	1.1%	\$4,418,000	1.0%	\$219,809,000	\$437,926,000

<sup>1</sup> The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

<sup>2</sup> FY 2018 includes actual revenue data through October 2017.

# Washington State Ferries

## REVENUE PROJECTIONS ~ BASELINE FORECAST

Adopted Fares through October 1, 2018 | No Changes in Fares after FY 2019<sup>1</sup>

November 2017 Forecast – Fiscal Years 2018-2029

Fiscal Year	November 2017 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	Distribution of Revenue to Operating and Capital Programs			
				25¢ Surcharge Revenue for Capital Program	Capital Biennium Total	Base Fare Revenue for Operating Program	Operating Biennium Total
2010	\$147,009,545	1.7%				\$147,009,545	
2011	\$147,447,850	0.3%	\$294,457,395			\$147,447,850	\$294,457,395
2012	\$155,085,373	5.2%		\$2,544,970		\$152,540,403	
2013	\$162,047,033	4.5%	\$317,132,406	\$3,626,191	\$6,171,161	\$158,420,842	\$310,961,245
2014	\$167,441,867	3.3%		\$3,662,690		\$163,779,177	
2015	\$175,965,750	5.1%	\$343,407,617	\$3,894,088	\$7,556,778	\$172,071,662	\$335,850,839
2016	\$181,444,863	3.1%		\$4,007,848		\$177,437,015	
2017	\$186,973,746	3.0%	\$368,418,609	\$4,022,681	\$8,030,529	\$182,951,065	\$360,388,080
2018 <sup>2</sup>	\$192,845,000	3.1%		\$4,092,000		\$188,753,000	
2019	\$198,838,000	3.1%	\$391,683,000	\$4,135,000	\$8,227,000	\$194,703,000	\$383,456,000
2020	\$202,353,000	1.8%		\$4,180,000		\$198,173,000	
2021	\$204,500,000	1.1%	\$406,853,000	\$4,234,000	\$8,414,000	\$200,266,000	\$398,439,000
2022	\$206,799,000	1.1%		\$4,290,000		\$202,509,000	
2023	\$209,243,000	1.2%	\$416,042,000	\$4,351,000	\$8,641,000	\$204,892,000	\$407,401,000
2024	\$211,500,000	1.1%		\$4,406,000		\$207,094,000	
2025	\$213,860,000	1.1%	\$425,360,000	\$4,464,000	\$8,870,000	\$209,396,000	\$416,490,000
2026	\$216,116,000	1.1%		\$4,520,000		\$211,596,000	
2027	\$218,195,000	1.0%	\$434,311,000	\$4,572,000	\$9,092,000	\$213,623,000	\$425,219,000
2028	\$220,212,000	0.9%		\$4,624,000		\$215,588,000	
2029	\$222,132,000	0.9%	\$442,344,000	\$4,673,000	\$9,297,000	\$217,459,000	\$433,047,000

<sup>1</sup> The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

<sup>2</sup> FY 2018 includes actual revenue data through October 2017.

# Washington State Ferries

## REVENUE PROJECTIONS ~ ALTERNATIVE 1 FORECAST

Adopted Fares through October 1, 2018 | 2.5% Annual Fare Increases FY 2020-29<sup>1</sup>

November 2017 Forecast – Fiscal Years 2018-2029

Fiscal Year	November 2017 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	November vs. September Forecast			September 2017 Alternative 1	
				% Change by Fiscal Year	\$ Change and % Change by Biennium		Capacity-Constrained Revenue Forecast	Biennium Total
2010	\$147,009,545	1.7%						
2011	\$147,447,850	0.3%	\$294,457,395					
2012	\$155,085,373	5.2%						
2013	\$162,047,033	4.5%	\$317,132,406					
2014	\$167,441,867	3.3%						
2015	\$175,965,750	5.1%	\$343,407,617					
2016	\$181,444,863	3.1%						
2017	\$186,973,746	3.0%	\$368,418,609					
2018 <sup>2</sup>	\$192,845,000	3.1%		(1.1%)			\$195,006,000	
2019	\$198,838,000	3.1%	\$391,683,000	(0.8%)	(\$3,730,000)	(0.9%)	\$200,407,000	\$395,413,000
2020	\$205,044,000	3.1%		(0.0%)			\$205,045,000	
2021	\$210,966,000	2.9%	\$416,010,000	0.4%	\$743,000	0.2%	\$210,222,000	\$415,267,000
2022	\$217,170,000	2.9%		0.5%			\$216,086,000	
2023	\$223,772,000	3.0%	\$440,942,000	0.6%	\$2,433,000	0.6%	\$222,423,000	\$438,509,000
2024	\$230,295,000	2.9%		0.6%			\$228,994,000	
2025	\$237,427,000	3.1%	\$467,722,000	0.6%	\$2,733,000	0.6%	\$235,995,000	\$464,989,000
2026	\$244,754,000	3.1%		0.7%			\$243,123,000	
2027	\$252,125,000	3.0%	\$496,879,000	0.7%	\$3,507,000	0.7%	\$250,249,000	\$493,372,000
2028	\$259,459,000	2.9%		0.8%			\$257,362,000	
2029	\$266,874,000	2.9%	\$526,333,000	0.9%	\$4,465,000	0.9%	\$264,506,000	\$521,868,000

<sup>1</sup> The Alternative 1 Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), followed by 2.5% annual fare increases each October thereafter, and include the 25¢ surcharge per fare sold for funding capital expenditures. Projected annual inflation is less than the 2.5%, leading to slightly increasing real fares over the forecast horizon. The Alternative 1 Forecast also reflects the current programmed level of service subject to capacity constraints.

<sup>2</sup> FY 2018 includes actual revenue data through October 2017.

<sup>3</sup> June Revenue Forecasts for the 2027-2029 biennium were extrapolated for comparison purposes.

# Washington State Ferries

## REVENUE PROJECTIONS ~ ALTERNATIVE 1 FORECAST

Adopted Fares through October 1, 2018 | 2.5% Annual Fare Increases FY 2020-29<sup>1</sup>

November 2017 Forecast – Fiscal Years 2018-2029

Fiscal Year	November 2017 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	Distribution of Revenue to Operating and Capital Programs			
				25¢ Surcharge Revenue for Capital Program	Capital Biennium Total	Base Fare Revenue for Operating Program	Operating Biennium Total
2010	\$147,009,545	1.7%				\$147,009,545	
2011	\$147,447,850	0.3%	\$294,457,395			\$147,447,850	\$294,457,395
2012	\$155,085,373	5.2%		\$2,544,970		\$152,540,403	
2013	\$162,047,033	4.5%	\$317,132,406	\$3,626,191	\$6,171,161	\$158,420,842	\$310,961,245
2014	\$167,441,867	3.3%		\$3,662,690		\$163,779,177	
2015	\$175,965,750	5.1%	\$343,407,617	\$3,894,088	\$7,556,778	\$172,071,662	\$335,850,839
2016	\$181,444,863	3.1%		\$4,007,848		\$177,437,015	
2017	\$186,973,746	3.0%	\$368,418,609	\$4,022,681	\$8,030,529	\$182,951,065	\$360,388,080
2018 <sup>2</sup>	\$192,845,000	3.1%		\$4,092,000		\$188,753,000	
2019	\$198,838,000	3.1%	\$391,683,000	\$4,135,000	\$8,227,000	\$194,703,000	\$383,456,000
2020	\$205,044,000	3.1%		\$4,163,000		\$200,881,000	
2021	\$210,966,000	2.9%	\$416,010,000	\$4,188,000	\$8,351,000	\$206,778,000	\$407,659,000
2022	\$217,170,000	2.9%		\$4,216,000		\$212,954,000	
2023	\$223,772,000	3.0%	\$440,942,000	\$4,250,000	\$8,466,000	\$219,522,000	\$432,476,000
2024	\$230,295,000	2.9%		\$4,275,000		\$226,020,000	
2025	\$237,427,000	3.1%	\$467,722,000	\$4,305,000	\$8,580,000	\$233,122,000	\$459,142,000
2026	\$244,754,000	3.1%		\$4,336,000		\$240,418,000	
2027	\$252,125,000	3.0%	\$496,879,000	\$4,364,000	\$8,700,000	\$247,761,000	\$488,179,000
2028	\$259,459,000	2.9%		\$4,392,000		\$255,067,000	
2029	\$266,874,000	2.9%	\$526,333,000	\$4,421,000	\$8,813,000	\$262,453,000	\$517,520,000

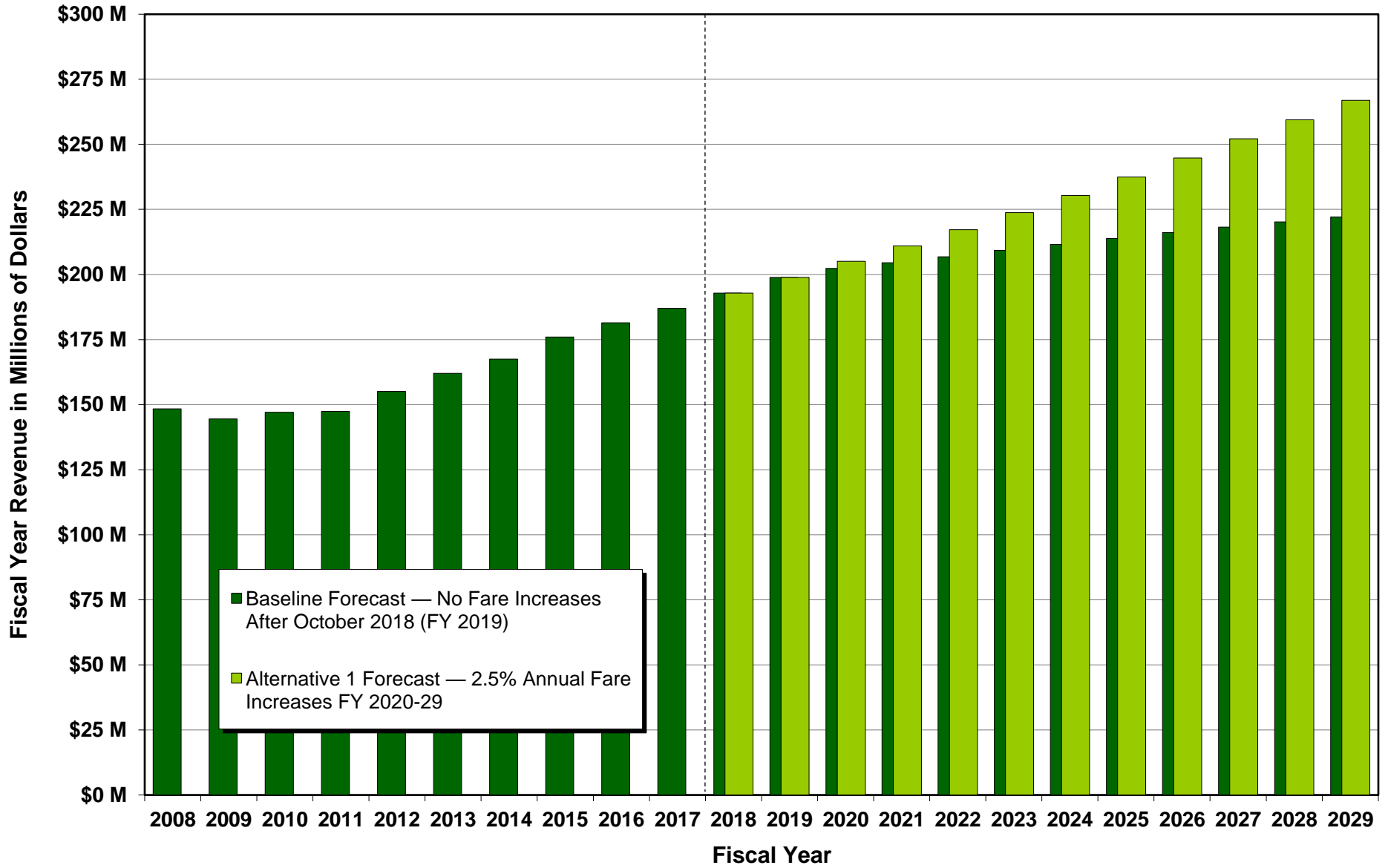
<sup>1</sup> The Alternative 1 Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), followed by 2.5% annual fare increases each October thereafter, and include the 25¢ surcharge per fare sold for funding capital expenditures. Projected annual inflation is less than the 2.5%, leading to slightly increasing real fares over the forecast horizon. The Alternative 1 Forecast also reflects the current programmed level of service subject to capacity constraints.

<sup>2</sup> FY 2018 includes actual revenue data through October 2017.



# Washington State Ferries — Revenue History and Forecast Trends

November 2017 Forecast – Fiscal Years 2008-2029



# Washington State Ferries

## RIDERSHIP PROJECTIONS ~ BASELINE FORECAST

Adopted Fares through October 1, 2018 | No Changes in Fares after FY 2019<sup>1</sup>

November 2017 Forecast – Fiscal Years 2018-2029

Fiscal Year	November 2017 Unconstrained Demand Forecast*	November 2017 Capacity Constrained Projections				September 2017 Projections	
		Passenger Ridership	Vehicle/Driver Ridership	Total Ridership	Annual Rate of Growth	Total Ridership	Nov. % Chg from Sep.
<b>2010</b>		12,463,027	10,169,074	22,632,101	(0.3%)		
<b>2011</b>		12,242,320	9,968,973	22,211,293	(1.9%)		
<b>2012</b>		12,236,081	9,983,059	22,219,140	0.0%		
<b>2013</b>		12,350,126	10,045,043	22,395,169	0.8%		
<b>2014</b>		12,696,936	10,154,905	22,851,841	2.0%		
<b>2015</b>		13,270,874	10,387,368	23,658,242	3.5%		
<b>2016</b>		13,523,385	10,559,240	24,082,625	1.8%		
<b>2017</b>		13,669,834	10,544,735	24,214,569	0.5%		
<b>2018<sup>2</sup></b>	24,615,000	13,821,000	10,794,000	24,615,000	1.7%	24,801,000	(0.7%)
<b>2019</b>	24,821,000	13,921,000	10,900,000	24,821,000	0.8%	24,916,000	(0.4%)
<b>2020</b>	25,089,000	14,061,000	11,021,000	25,082,000	1.1%	25,094,000	(0.0%)
<b>2021</b>	25,462,000	14,327,000	11,115,000	25,442,000	1.4%	25,379,000	0.2%
<b>2022</b>	25,854,000	14,599,000	11,214,000	25,813,000	1.5%	25,705,000	0.4%
<b>2023</b>	26,284,000	14,880,000	11,331,000	26,211,000	1.5%	26,074,000	0.5%
<b>2024</b>	26,680,000	15,143,000	11,432,000	26,575,000	1.4%	26,426,000	0.6%
<b>2025</b>	27,115,000	15,418,000	11,541,000	26,959,000	1.4%	26,790,000	0.6%
<b>2026</b>	27,574,000	15,709,000	11,640,000	27,349,000	1.4%	27,155,000	0.7%
<b>2027</b>	28,037,000	16,005,000	11,722,000	27,727,000	1.4%	27,504,000	0.8%
<b>2028</b>	28,507,000	16,305,000	11,797,000	28,102,000	1.4%	27,845,000	0.9%
<b>2029</b>	28,982,000	16,608,000	11,864,000	28,472,000	1.3%	28,182,000	1.0%

<sup>1</sup> The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

<sup>2</sup> FY 2018 includes actual ridership data through October 2017.

\* Excludes adjustments for vessel capacity constraints, 25¢ per fare capital surcharge impacts, and fiscal year-to-date actual data.

# Washington State Ferries

## RIDERSHIP PROJECTIONS ~ ALTERNATIVE 1 FORECAST

Adopted Fares through October 1, 2018 | 2.5% Annual Fare Increases FY 2020-29<sup>1</sup>

November 2017 Forecast – Fiscal Years 2018-2029

Fiscal Year	November 2017 Unconstrained Demand Forecast*	November 2017 Capacity Constrained Projections				September 2017 Projections	
		Passenger Ridership	Vehicle/Driver Ridership	Total Ridership	Annual Rate of Growth	Total Ridership	Nov. % Chg from Sep.
<b>2010</b>		12,463,027	10,169,074	22,632,101	(0.3%)		
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<b>2013</b>		12,350,126	10,045,043	22,395,169	0.8%		
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<b>2017</b>		13,669,834	10,544,735	24,214,569	0.5%		
<b>2018<sup>2</sup></b>	24,615,000	13,821,000	10,794,000	24,615,000	1.7%	24,801,000	(0.7%)
<b>2019</b>	24,821,000	13,921,000	10,900,000	24,821,000	0.8%	24,916,000	(0.4%)
<b>2020</b>	24,987,000	14,005,000	10,975,000	24,980,000	0.6%	24,990,000	(0.0%)
<b>2021</b>	25,171,000	14,167,000	10,988,000	25,155,000	0.7%	25,094,000	0.2%
<b>2022</b>	25,378,000	14,334,000	11,017,000	25,351,000	0.8%	25,254,000	0.4%
<b>2023</b>	25,618,000	14,506,000	11,068,000	25,574,000	0.9%	25,451,000	0.5%
<b>2024</b>	25,810,000	14,647,000	11,098,000	25,745,000	0.7%	25,622,000	0.5%
<b>2025</b>	26,029,000	14,790,000	11,148,000	25,938,000	0.7%	25,801,000	0.5%
<b>2026</b>	26,270,000	14,946,000	11,198,000	26,144,000	0.8%	25,990,000	0.6%
<b>2027</b>	26,508,000	15,104,000	11,240,000	26,344,000	0.8%	26,171,000	0.7%
<b>2028</b>	26,753,000	15,266,000	11,275,000	26,541,000	0.7%	26,349,000	0.7%
<b>2029</b>	27,009,000	15,436,000	11,313,000	26,749,000	0.8%	26,532,000	0.8%

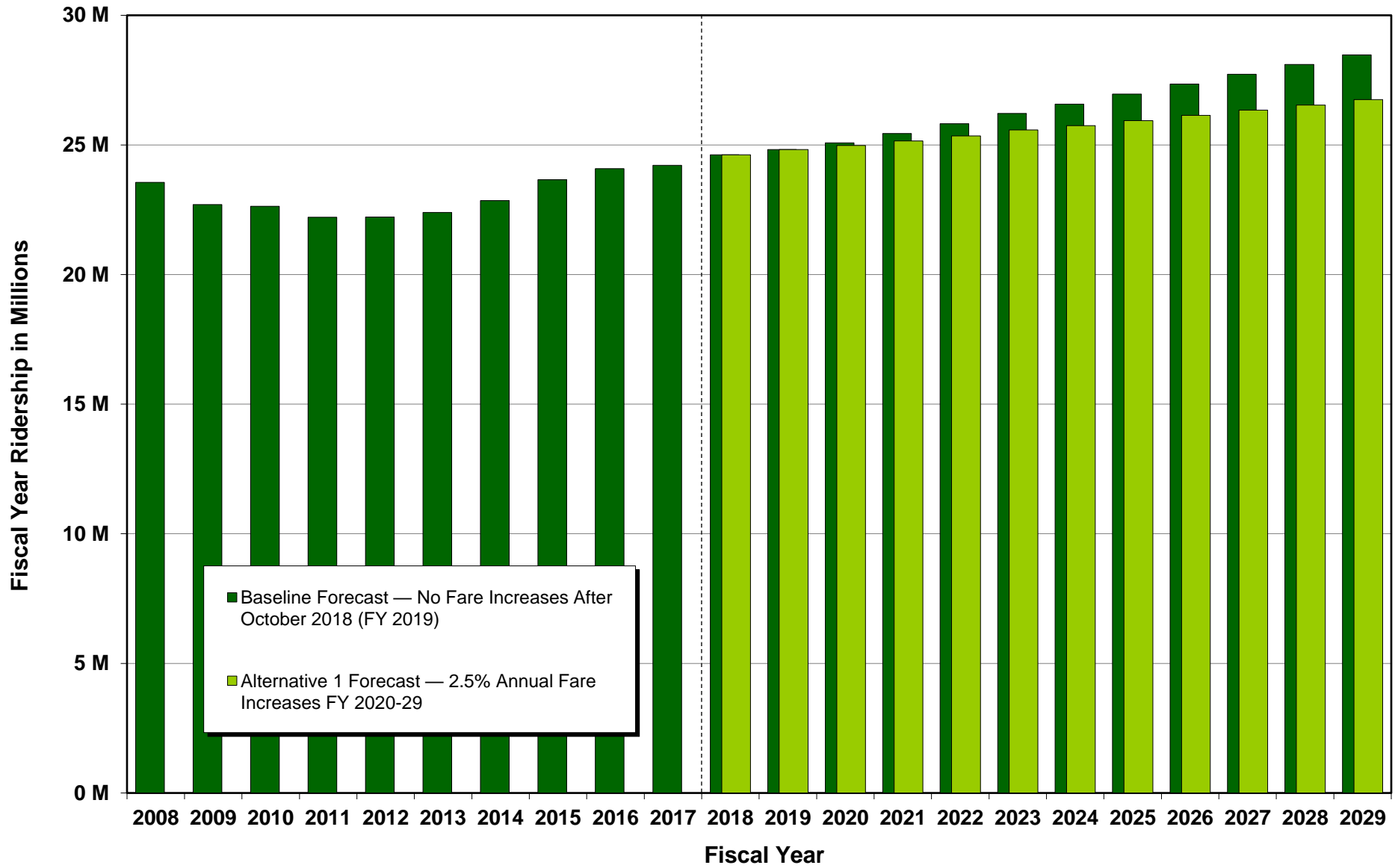
<sup>1</sup> The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

<sup>2</sup> FY 2018 includes actual ridership data through September 2017.

\* Excludes adjustments for vessel capacity constraints, 25¢ per fare capital surcharge impacts, and fiscal year-to-date actual data.

# Washington State Ferries — Ridership History and Forecast Trends

November 2017 Forecast – Fiscal Years 2008-2029



**Transit Sales Tax  
Forecast November 2017**

**TRANSPORTAION REVENUE FORECAST  
COUNCIL NOVEMBER 2017  
TABLE T.1 : TRANSIT SYSTEMS**

<b>County</b>	<b>Transit Svstem</b>	<b>Actuals</b>	<b>Actuals</b>	<b>Actuals</b>	<b>Actuals</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>							
Asotin	Asotin County Transit	605,118	623,457	640,295	679,756	722,580	758,709	803,473	838,022	870,705	891,602	912,109
Benton/Franklin	Ben Franklin Transit	26,610,668	27,398,217	30,528,631	32,295,441	34,330,054	36,046,557	38,173,304	39,814,756	41,367,531	42,360,352	43,334,640
Chelan/Douglas	Link Transit	8,803,274	9,601,341	10,482,790	11,989,174	12,744,492	13,381,716	14,171,237	14,780,601	15,357,044	15,725,613	16,087,302
Clallam	Clallam Transit System	5,910,695	6,155,998	6,710,819	7,193,321	7,646,500	8,028,825	8,502,525	8,868,134	9,213,991	9,435,127	9,652,135
Clallam	Sequim											
Clark	C-TRAN	32,286,940	38,577,607	43,342,293	46,978,663	49,938,319	52,435,235	55,528,913	57,916,657	60,175,406	61,619,616	63,036,867
Columbia	Columbia County Public Transportation	334,747	1,959,226	352,523	297,081	315,797	331,587	351,150	366,250	380,534	389,666	398,629
Cowlitz	Community Urban Bus System	2,983,382	3,203,320	3,338,804	3,672,373	3,903,733	4,098,920	4,340,756	4,527,408	4,703,977	4,816,873	4,927,661
Garfield	Garfield Transit						19,092	20,218	21,088	21,910	22,436	22,952
Grant	Grant Transit Authority	3,960,221	3,855,732	4,005,841	3,899,318	4,144,975	4,352,223	4,609,005	4,807,192	4,994,672	5,114,544	5,232,179
Grays Harbor	Grays Harbor Transportation Authority	5,175,323	6,177,789	6,821,193	7,028,724	7,471,534	7,845,110	8,307,972	8,665,215	9,003,158	9,219,234	9,431,276
Island	Island Transit	7,003,607	7,450,430	8,135,371	9,390,651	9,982,262	10,481,375	11,099,776	11,577,066	12,028,572	12,317,258	12,600,554
Jefferson	Jefferson Transit Authority	3,639,308	3,620,677	3,949,275	4,508,413	4,792,443	5,032,065	5,328,957	5,558,102	5,774,868	5,913,465	6,049,475
King	Metro Transit	431,805,474	467,109,000	511,399,290	559,803,982	595,071,633	624,825,215	661,689,902	690,142,568	717,058,128	734,267,524	751,155,677
Kitsap	Kitsap Transit	27,276,244	29,130,778	31,373,676	34,231,454	36,388,036	38,207,438	40,461,677	42,201,529	43,847,388	44,899,726	45,932,419
Lewis	Twin Transit	1,388,994	1,508,478	1,536,795	1,644,880	1,748,507	1,835,932	1,944,252	2,027,855	2,106,941	2,157,508	2,207,131
Mason	Mason Transportation Authority	3,184,327	3,456,982	3,785,158	4,002,805	4,254,982	4,467,731	4,731,327	4,934,774	5,127,230	5,250,284	5,371,040
Okanogan	Okanogan County PTBA		1,550,351	2,424,331	2,453,623	2,608,201	2,738,611	2,900,189	3,024,897	3,142,868	3,218,297	3,292,318
Pacific	Pacific Transit System	753,351	791,169	803,935	807,898	858,795	901,735	954,937	996,000	1,034,844	1,059,680	1,084,053
Pierce	Pierce Transit	62,075,731	65,376,033	70,148,721	74,873,690	79,590,732	83,570,269	88,500,914	92,306,454	95,906,405	98,208,159	100,466,947
Skagit	Skagit Transit	9,419,323	9,495,112	10,156,731	10,879,960	11,565,397	12,143,667	12,860,144	13,413,130	13,936,242	14,270,712	14,598,938
Snohomish	Everett Transit System	16,272,481	17,101,592	18,291,041	18,971,096	20,166,275	21,174,588	22,423,889	23,388,116	24,300,253	24,883,459	25,455,779
Snohomish	Community Transit	73,729,713	78,951,863	83,358,802	108,962,998	115,827,667	121,619,050	128,794,574	134,332,741	139,571,718	142,921,439	146,208,632
Spokane	Spokane Transit Authority	44,832,062	47,855,528	50,080,209	53,397,334	57,027,746	61,007,518	64,606,961	67,385,060	70,013,078	71,693,392	73,342,340
Thurston	Intercity Transit	29,250,739	30,455,372	33,189,152	36,295,754	38,582,387	40,511,506	42,901,685	44,746,457	46,491,569	47,607,367	48,702,336
Walla Walla	Valley Transit	4,139,343	4,438,610	4,741,072	4,948,540	5,260,298	5,523,313	5,849,189	6,100,704	6,338,631	6,490,758	6,640,046
Whatcom	Whatcom Transportation Authority	21,070,077	21,671,652	22,602,556	23,509,828	24,990,947	26,240,494	27,788,683	28,983,597	30,113,957	30,836,692	31,545,936
Whitman	Pullman Transit	1,180,846	1,933,084	1,235,108	0	0	0	0	0	0	0	0
Yakima	Selah	325,537	445,071	389,597	396,737	421,732	442,818	468,945	489,109	508,185	520,381	532,350
Yakima	Union Gap	914,743	930,000	1,016,908	1,114,665	1,184,889	1,244,133	1,317,537	1,374,191	1,427,785	1,462,051	1,495,679
Yakima	Yakima Transit	5,081,200	5,407,861	5,564,645	5,741,976	6,103,721	6,408,907	6,787,032	7,078,875	7,354,951	7,531,470	7,704,694
<b>Total</b>		830,013,468	896,232,330	970,405,563	1,069,970,133	1,137,644,631	1,195,674,339	1,266,219,125	1,320,666,548	1,372,172,543	1,405,104,684	1,437,422,092

**TRANSPORTATION REVENUE FORECAST  
COUNCIL NOVEMBER 2017  
TABLE T.1 : TRANSIT SYSTEMS**

<b>County</b>	<b>Transit System</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Asotin	Asotin County Transit	932,176	951,751	971,738	992,145	1,012,980	1,034,252
Benton/Franklin	Ben Franklin Transit	44,288,002	45,218,050	46,167,629	47,137,149	48,127,029	49,137,697
Chelan/Douglas	Link Transit	16,441,223	16,786,489	17,139,005	17,498,924	17,866,401	18,241,596
Clallam	Clallam Transit System	9,864,482	10,071,636	10,283,140	10,499,086	10,719,567	10,944,678
Clallam	Sequim						
Clark	C-TRAN	64,423,678	65,776,575	67,157,884	68,568,199	70,008,131	71,478,302
Columbia	Columbia County Public Transportation	407,399	415,954	424,689	433,607	442,713	452,010
Cowlitz	Community Urban Bus System	5,036,069	5,141,827	5,249,805	5,360,051	5,472,612	5,587,537
Garfield	Garfield Transit	23,457	23,950	24,453	24,966	25,490	26,026
Grant	Grant Transit Authority	5,347,287	5,459,580	5,574,231	5,691,290	5,810,807	5,932,834
Grays Harbor	Grays Harbor Transportation Authority	9,638,764	9,841,178	10,047,843	10,258,848	10,474,284	10,694,243
Island	Island Transit	12,877,767	13,148,200	13,424,312	13,706,223	13,994,053	14,287,928
Jefferson	Jefferson Transit Authority	6,182,563	6,312,397	6,444,957	6,580,301	6,718,488	6,859,576
King	Metro Transit	767,681,101	783,802,405	800,262,255	817,067,762	834,226,185	851,744,935
Kitsap	Kitsap Transit	46,942,933	47,928,734	48,935,238	49,962,878	51,012,098	52,083,352
Lewis	Twin Transit	2,255,688	2,303,057	2,351,421	2,400,801	2,451,218	2,502,694
Mason	Mason Transportation Authority	5,489,203	5,604,476	5,722,170	5,842,336	5,965,025	6,090,291
Okanogan	Okanogan County PTBA	3,364,749	3,435,409	3,507,552	3,581,211	3,656,416	3,733,201
Pacific	Pacific Transit System	1,107,902	1,131,168	1,154,922	1,179,176	1,203,938	1,229,221
Pierce	Pierce Transit	102,677,220	104,833,441	107,034,944	109,282,677	111,577,614	113,920,743
Skagit	Skagit Transit	14,920,115	15,233,437	15,553,339	15,879,959	16,213,438	16,553,921
Snohomish	Everett Transit System	26,015,806	26,562,138	27,119,942	27,689,461	28,270,940	28,864,630
Snohomish	Community Transit	149,425,222	152,563,152	155,766,978	159,038,084	162,377,884	165,787,820
Spokane	Spokane Transit Authority	74,955,871	76,529,944	78,137,073	79,777,952	81,453,289	83,163,808
Thurston	Intercity Transit	49,773,788	50,819,037	51,886,237	52,975,848	54,088,341	55,224,196
Walla Walla	Valley Transit	6,786,127	6,928,636	7,074,137	7,222,694	7,374,370	7,529,232
Whatcom	Whatcom Transportation Authority	32,239,947	32,916,985	33,608,242	34,314,015	35,034,609	35,770,336
Whitman	Pullman Transit	0	0	0	0	0	0
Yakima	Selah	544,061	555,487	567,152	579,062	591,222	603,638
Yakima	Union Gap	1,528,583	1,560,684	1,593,458	1,626,921	1,661,086	1,695,969
Yakima	Yakima Transit	7,874,197	8,039,555	8,208,386	8,380,762	8,556,758	8,736,450
<b>Total</b>		<b>1,469,045,378</b>	<b>1,499,895,331</b>	<b>1,531,393,133</b>	<b>1,563,552,388</b>	<b>1,596,386,989</b>	<b>1,629,911,115</b>

**TRANSPORTATION REVENUE FORECAST COUNCIL NOVEMBER 2017**

**TABLE T.2: TRANSIT BENEFIT DISTRICT LOCALLY GENERATED SALES AND USE TAX DISTRIBUTIONS**

		Actuals	Actuals	Actuals	Actuals			
<u>Transportation Benefit</u>								
<u>District</u>	<u>County</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Aberdeen TBD	Grays Harbor	180,975	533,746	543,813	530,040	563,433	591,604	626,509
Airway Heights TBD	Spokane	0	218,110	367,993	393,090	417,854	438,747	464,633
Arlington TBD	Snohomish	0	599,293	872,395	953,596	1,013,672	1,064,356	1,127,153
Bellingham TBD	Whatcom	4,655,993	4,700,864	4,903,512	5,169,348	5,495,017	5,769,768	6,110,184
Blaine TBD	Whatcom						323,489	342,575
Castle Rock TBD	Cowlitz	52,623	87,724	84,944	87,652	93,175	97,833	103,605
Centralia TBD	Lewis	0	0	0	410,960	436,851	458,694	485,756
Chehalis TBD	Lewis						772,243	817,806
Clarkston TBD	Asotin	0	0	0	301,225	320,202	336,213	356,049
Dayton TBD	Columbia	0	0	22,167	66,992	71,213	74,773	79,185
Ellensburg TBD	Kittitas	0	0	0	81,260	86,379	90,698	96,049
Enumclaw TBD	King	0	0	0	170,479	181,219	190,280	201,507
Ferndale TBD	Whatcom	355,553	392,106	409,812	419,457	445,882	468,176	495,799
Friday Harbor TBD	San Juan	0	0	166,162	269,935	286,941	301,288	319,064
Lacey TBD	Thurston						2,792,223	2,956,965
Leavenworth TBD	Chelan	243,526	262,492	280,152	313,250	332,985	349,634	370,262
Lynden TBD	Whatcom	262,754	452,237	546,314	502,411	534,063	560,766	593,852
Lynnwood TBD	Snohomish	0	0	0	0	369,870	9,359,829	9,912,058
Marysville TBD	Snohomish	0	146,380	1,984,965	2,108,967	2,241,832	2,353,923	2,492,805
Mattawa TBD	Grant	0	0	0	4,504	4,787	5,027	5,323
Monroe TBD	Snohomish	0	0	786,778	1,058,999	1,125,716	1,182,002	1,251,740
Mount Vernon TBD	Skagit	0	0	0	0	253,076	1,619,336	1,714,877
North Bend TBD	King	446,069	452,606	476,286	489,126	519,941	545,938	578,148
Othello TBD	Adams	0	0	0	24,866	26,433	27,754	29,392
Port Angeles TBD	Callam						819,948	868,325
Seattle TBD	King	0	0	13,420,396	24,429,098	25,968,132	27,266,538	28,875,264
Sequim TBD	Callam						606,301	642,073
Shelton TBD	Mason	0	0	0	274,878	292,195	306,805	324,906
Snohomish City TBD	Snohomish	754,904	770,851	845,280	917,898	975,726	1,024,512	1,084,959
Stanwood TBD	Snohomish	84,052	259,856	287,375	347,631	369,532	388,008	410,901
Tacoma TBD	Pierce	0	0	0	2,973,062	3,160,365	3,318,383	3,514,168
Tumwater TBD	Thurston	0	0	83,843	1,310,539	1,393,103	1,462,758	1,549,061
Twisp TBD	Okanogan	0	0	0	0	26,804	28,144	29,805
Waitsburg TBD	Walla Walla	7,090	7,554	7,926	7,343	7,806	8,196	8,680
Walla Walla City TBD	Walla Walla	1,022,533	1,048,584	1,135,799	1,249,533	1,328,253	1,394,666	1,476,951
Total		8,066,073	9,932,403	27,225,910	44,866,139	48,342,456	66,398,856	70,316,388



**TRANSPORTATION REVENUE FOF**  
**TABLE T.2: TRANSIT BENEFIT DIS**

<b>Transportation Benefit</b>											
<b>District</b>	<b>County</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Aberdeen TBD	Grays Harbor	653,449	678,933	695,228	711,218	726,865	742,129	757,714	773,626	789,872	806,459
Airway Heights TBD	Spokane	484,612	503,512	515,597	527,455	539,059	550,380	561,938	573,738	585,787	598,088
Arlington TBD	Snohomish	1,175,620	1,221,469	1,250,785	1,279,553	1,307,703	1,335,165	1,363,203	1,391,830	1,421,059	1,450,901
Bellingham TBD	Whatcom	6,372,922	6,621,466	6,780,381	6,936,330	7,088,929	7,237,797	7,389,791	7,544,976	7,703,421	7,865,192
Blaine TBD	Whatcom	357,306	371,241	380,151	388,894	397,450	405,796	414,318	423,018	431,902	440,972
Castle Rock TBD	Cowlitz	108,060	112,275	114,969	117,614	120,201	122,725	125,303	127,934	130,621	133,364
Centralia TBD	Lewis	506,644	526,403	539,037	551,435	563,566	575,401	587,485	599,822	612,418	625,279
Chehalis TBD	Lewis	852,971	886,237	907,507	928,379	948,804	968,729	989,072	1,009,842	1,031,049	1,052,701
Clarkston TBD	Asotin	371,359	385,842	395,102	404,190	413,082	421,757	430,614	439,656	448,889	458,316
Dayton TBD	Columbia	82,590	85,811	87,870	89,891	91,869	93,798	95,768	97,779	99,832	101,929
Ellensburg TBD	Kittitas	100,179	104,086	106,584	109,036	111,434	113,774	116,164	118,603	121,094	123,637
Enumclaw TBD	King	210,171	218,368	223,609	228,752	233,784	238,694	243,706	248,824	254,050	259,385
Ferndale TBD	Whatcom	517,118	537,286	550,181	562,835	575,217	587,297	599,630	612,222	625,079	638,206
Friday Harbor TBD	San Juan	332,784	345,763	354,061	362,204	370,173	377,946	385,883	393,987	402,261	410,708
Lacey TBD	Thurston	3,084,114	3,204,395	3,281,300	3,356,770	3,430,619	3,502,662	3,576,218	3,651,318	3,727,996	3,806,284
Leavenworth TBD	Chelan	386,184	401,245	410,875	420,325	429,572	438,593	447,803	457,207	466,808	476,611
Lynden TBD	Whatcom	619,387	643,543	658,988	674,145	688,976	703,445	718,217	733,300	748,699	764,422
Lynnwood TBD	Snohomish	10,338,277	10,741,470	10,999,265	11,252,248	11,499,798	11,741,293	11,987,861	12,239,606	12,496,637	12,759,067
Marysville TBD	Snohomish	2,599,995	2,701,395	2,766,229	2,829,852	2,892,109	2,952,843	3,014,853	3,078,165	3,142,806	3,208,805
Mattawa TBD	Grant	5,552	5,769	5,907	6,043	6,176	6,306	6,438	6,573	6,711	6,852
Monroe TBD	Snohomish	1,305,565	1,356,482	1,389,037	1,420,985	1,452,247	1,482,744	1,513,882	1,545,673	1,578,132	1,611,273
Mount Vernon TBD	Skagit	1,788,617	1,858,373	1,902,974	1,946,742	1,989,571	2,031,352	2,074,010	2,117,564	2,162,033	2,207,436
North Bend TBD	King	603,009	626,526	641,563	656,319	670,758	684,844	699,225	713,909	728,901	744,208
Othello TBD	Adams	30,656	31,851	32,616	33,366	34,100	34,816	35,547	36,293	37,056	37,834
Port Angeles TBD	Callam	905,663	940,984	963,568	985,730	1,007,416	1,028,572	1,050,172	1,072,225	1,094,742	1,117,732
Seattle TBD	King	30,116,900	31,291,459	32,042,454	32,779,431	33,500,578	34,204,090	34,922,376	35,655,746	36,404,517	37,169,012
Sequim TBD	Callam	669,682	695,800	712,499	728,887	744,922	760,566	776,537	792,845	809,494	826,494
Shelton TBD	Mason	338,877	352,094	360,544	368,836	376,951	384,867	392,949	401,201	409,626	418,228
Snohomish City TBD	Snohomish	1,131,612	1,175,745	1,203,962	1,231,654	1,258,750	1,285,184	1,312,173	1,339,728	1,367,863	1,396,588
Stanwood TBD	Snohomish	428,570	445,284	455,971	466,458	476,720	486,731	496,953	507,389	518,044	528,923
Tacoma TBD	Pierce	3,665,277	3,808,223	3,899,620	3,989,311	4,077,076	4,162,695	4,250,111	4,339,364	4,430,490	4,523,531
Tumwater TBD	Thurston	1,615,670	1,678,681	1,718,970	1,758,506	1,797,193	1,834,934	1,873,468	1,912,811	1,952,980	1,993,992
Twisp TBD	Okanogan	31,086	32,299	33,074	33,835	34,579	35,305	36,046	36,803	37,576	38,365
Waitsburg TBD	Walla Walla	9,053	9,406	9,632	9,853	10,070	10,281	10,497	10,718	10,943	11,173
Walla Walla City TBD	Walla Walla	1,540,460	1,600,538	1,638,951	1,676,647	1,713,533	1,749,517	1,786,257	1,823,769	1,862,068	1,901,171
Total		73,339,993	76,200,253	78,029,059	79,823,727	81,579,849	83,293,026	85,042,180	86,828,065	88,651,455	90,513,135

## Transportation Revenue Forecast Council

**Table ST. 1a. Sound Transit Revenue (ST 2 ONLY) Forecast - CY Biennium Comparison of November 2017 and 2016 Forecasts  
November 2017**

	2015-2017 Biennium November 2017	2015-2017 Biennium November 2016	Difference Value	Difference Percent	2017-2019 Biennium November 2017	2017-2019 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	1,514,455,653	1,462,803,080	51,652,573	3.5%	1,606,906,623	1,562,041,946	44,864,677	2.9%
MVET Tax Revenue	166,042,596	167,509,778	(1,467,181)	-0.9%	173,006,731	177,034,508	(4,027,776)	-2.3%
Rental Car Tax Revenue	7,094,477	6,625,847	468,630	7.1%	7,514,415	7,029,361	485,054	6.9%
Total Tax Revenue	1,687,592,727	1,636,938,704	50,654,023	3.1%	1,787,427,769	1,746,105,814	41,321,955	2.4%
	2019-2021 Biennium November 2017	2019-2021 Biennium November 2016	Difference Value	Difference Percent	2021-2023 Biennium November 2017	2021-2023 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	1,708,624,361	1,675,741,185	32,883,175	2.0%	1,839,358,426	1,810,255,255	29,103,170	1.6%
MVET Tax Revenue	183,778,209	186,765,711	(2,987,501)	-1.6%	194,751,488	197,812,819	(3,061,331)	-1.5%
Rental Car Tax Revenue	7,972,043	7,457,449	514,594	6.9%	8,457,540	7,911,608	545,933	6.9%
Total Tax Revenue	1,900,374,613	1,869,964,345	30,410,268	1.6%	2,042,567,453	2,015,979,682	26,587,772	1.3%
	2023-2025 Biennium November 2017	2023-2025 Biennium November 2016	Difference Value	Difference Percent	2025-2027 Biennium November 2017	2025-2027 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	1,986,611,869	1,959,559,294	27,052,575	1.4%	2,146,913,168	2,126,572,918	20,340,250	1.0%
MVET Tax Revenue	206,488,541	210,393,608	(3,905,067)	-1.9%	219,148,974	225,000,086	(5,851,112)	-2.6%
Rental Car Tax Revenue	8,972,604	8,393,424	579,180	6.9%	9,519,036	8,904,584	614,452	6.9%
Total Tax Revenue	2,202,073,014	2,178,346,326	23,726,688	1.1%	2,375,581,178	2,360,477,588	15,103,590	0.6%
	2027-2029 Biennium November 2017	2027-2029 Biennium November 2016	Difference Value	Difference Percent				
Sales & Use Tax Revenue	2,322,400,040	2,296,779,587	25,620,453	1.1%				
MVET Tax Revenue	114,812,422	118,491,933	(3,679,511)	-3.1%				
Rental Car Tax Revenue	10,098,745	9,446,873	651,872	6.9%				
Total Tax Revenue	2,447,311,207	2,424,718,393	22,592,814	0.9%				

## Transportation Revenue Forecast Council

**Table ST. 1b. Sound Transit Revenue (ST 3 Only) Forecast - CY Biennium Comparison of November 2017 and 2016 Forecasts  
November 2017**

	2015-2017 Biennium November 2017	2015-2017 Biennium November 2016	Difference Value	Difference Percent	2017-2019 Biennium November 2017	2017-2019 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	208,760,243	-	208,760,243	100.0%	892,725,901	-	892,725,901	100.0%
MVET Tax Revenue	126,021,949	-	126,021,949	100.0%	461,351,284	-	461,351,284	100.0%
Property Tax Revenue	141,376,250	-	141,376,250	100.0%	294,649,944	-	294,649,944	100.0%
Total Tax Revenue	476,158,442	-	476,158,442	100.0%	1,648,727,129	-	1,648,727,129	100.0%
	2019-2021 Biennium November 2017	2019-2021 Biennium November 2016	Difference Value	Difference Percent	2021-2023 Biennium November 2017	2021-2023 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	949,235,756	-	949,235,756	100.0%	1,021,865,792	-	1,021,865,792	100.0%
MVET Tax Revenue	490,075,225	-	490,075,225	100.0%	519,337,300	-	519,337,300	100.0%
Property Tax Revenue	306,743,637	-	306,743,637	100.0%	318,296,568	-	318,296,568	100.0%
Total Tax Revenue	1,746,054,618	-	1,746,054,618	100.0%	1,859,499,660	-	1,859,499,660	100.0%
	2023-2025 Biennium November 2017	2023-2025 Biennium November 2016	Difference Value	Difference Percent	2025-2027 Biennium November 2017	2025-2027 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	1,103,673,261	-	1,103,673,261	100.0%	1,192,729,538	-	1,192,729,538	100.0%
MVET Tax Revenue	550,636,109	-	550,636,109	100.0%	584,397,263	-	584,397,263	100.0%
Property Tax Revenue	330,576,109	-	330,576,109	100.0%	343,642,237	-	343,642,237	100.0%
Total Tax Revenue	1,984,885,479	-	1,984,885,479	100.0%	2,120,769,038	-	2,120,769,038	100.0%
	2027-2029 Biennium November 2017	2027-2029 Biennium November 2016	Difference Value	Difference Percent				
Sales & Use Tax Revenue	1,290,222,244		1,290,222,244	100.0%				
MVET Tax Revenue	527,174,707		527,174,707	100.0%				
Property Tax Revenue	-		-	100.0%				
Total Tax Revenue	357,560,296		357,560,296	100.0%				

## Transportation Revenue Forecast Council

**Table ST. 1c. Combined Sound Transit Revenue (ST 2 & ST 3) Forecast - CY Biennium Comparison of November 2017 and 2016 Forecasts  
November 2017**

	2015-2017 Biennium November 2017	2015-2017 Biennium November 2016	Difference Value	Difference Percent	2017-2019 Biennium November 2017	2017-2019 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	1,723,215,896	1,462,803,080	260,412,816	17.8%	2,499,632,524	1,562,041,946	937,590,578	60.0%
MVET Tax Revenue	292,064,545	167,509,778	124,554,768	74.4%	634,358,015	177,034,508	457,323,507	258.3%
Rental Car Tax Revenue	148,470,727	6,625,847	141,844,880	2140.8%	302,164,359	7,029,361	295,134,998	4198.6%
Total Tax Revenue	2,163,751,169	1,636,938,704	526,812,465	32.2%	3,436,154,898	1,746,105,814	1,690,049,084	96.8%
	2019-2021 Biennium November 2017	2019-2021 Biennium November 2016	Difference Value	Difference Percent	2021-2023 Biennium November 2017	2021-2023 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	2,657,860,117	1,675,741,185	982,118,931	58.6%	2,861,224,218	1,810,255,255	1,050,968,962	58.1%
MVET Tax Revenue	673,853,435	186,765,711	487,087,724	260.8%	714,088,788	197,812,819	516,275,969	261.0%
Rental Car Tax Revenue	314,715,680	7,457,449	307,258,231	4120.2%	326,754,108	7,911,608	318,842,500	4030.1%
Total Tax Revenue	3,646,429,231	1,869,964,345	1,776,464,886	95.0%	3,902,067,114	2,015,979,682	1,886,087,432	93.6%
	2023-2025 Biennium November 2017	2023-2025 Biennium November 2016	Difference Value	Difference Percent	2025-2027 Biennium November 2017	2025-2027 Biennium November 2016	Difference Value	Difference Percent
Sales & Use Tax Revenue	3,090,285,129	1,959,559,294	1,130,725,836	57.7%	3,339,642,706	2,126,572,918	1,213,069,788	57.0%
MVET Tax Revenue	757,124,650	210,393,608	546,731,042	259.9%	803,546,237	225,000,086	578,546,151	257.1%
Rental Car Tax Revenue	339,548,714	8,393,424	331,155,289	3945.4%	353,161,273	8,904,584	344,256,689	3866.1%
Total Tax Revenue	4,186,958,493	2,178,346,326	2,008,612,167	92.2%	4,496,350,216	2,360,477,588	2,135,872,628	90.5%
	2027-2029 Biennium November 2017	2027-2029 Biennium November 2016	Difference Value	Difference Percent				
Sales & Use Tax Revenue	3,612,622,284	2,296,779,587	1,315,842,698	57.3%				
MVET Tax Revenue	641,987,129	118,491,933	523,495,196	441.8%				
Rental Car Tax Revenue	10,098,745	9,446,873	651,872	6.9%				
Total Tax Revenue	4,264,708,159	2,424,718,393	1,839,989,766	75.9%				

## Transportation Revenue Forecast Council

### Table ST. 2. Sound Transit Revenue Forecast by Calendar Year

November 2017

	Calendar Year 2014	Calendar Year 2015	Calendar Year 2016	Calendar Year 2017	Calendar Year 2018	Calendar Year 2019	Calendar Year 2020	Calendar Year 2021
Sales & Use Tax Revenue	632,174,582	687,141,265	745,955,305	768,500,348	792,712,624	814,193,998	838,757,075	869,867,285
MVET Tax Revenue	73,581,481	78,803,221	85,028,486	81,014,110	84,784,028	88,222,704	90,620,915	93,157,294
<b>Rental Car</b> Tax Revenue	3,049,872	3,249,848	3,501,411	3,593,066	3,701,682	3,812,733	3,927,115	4,044,928
Total Tax Revenue	708,805,935	769,194,334	834,485,202	853,107,525	881,198,334	906,229,435	933,305,105	967,069,508
	Calendar Year 2022	Calendar Year 2023	Calendar Year 2024	Calendar Year 2025	Calendar Year 2026	Calendar Year 2027	Calendar Year 2028	Calendar Year 2029
Sales & Use Tax Revenue	902,148,108	937,210,318	974,077,188	1,012,534,681	1,052,562,054	1,094,351,114	1,138,419,813	1,183,980,227
MVET Tax Revenue	95,968,078	98,783,410	101,748,028	104,740,513	107,902,132	111,246,842	114,812,422	-
<b>Rental Car</b> Tax Revenue	4,166,276	4,291,264	4,420,002	4,552,602	4,689,180	4,829,856	4,974,751	5,123,994
Total Tax Revenue	1,002,282,461	1,040,284,992	1,080,245,218	1,121,827,796	1,165,153,366	1,210,427,812	1,258,206,986	1,189,104,221

## Transportation Revenue Forecast Council

### Table ST. 3. Sound Transit Revenue Forecast by Calendar Year

November 2017

	Calendar Year 2014	Calendar Year 2015	Calendar Year 2016	Calendar Year 2017	Calendar Year 2018	Calendar Year 2019	Calendar Year 2020	Calendar Year 2021
Sales & Use Tax Revenue	-	-	-	208,760,243	440,395,902	452,329,999	465,976,153	483,259,603
MVET Tax Revenue	-	-	-	126,021,949	226,090,740	235,260,543	241,655,774	248,419,451
<b>Property</b> Tax Revenue	-	-	-	141,376,250	145,557,636	149,092,308	151,970,910	154,772,727
Total Tax Revenue	-	-	-	476,158,442	812,044,278	836,682,851	859,602,837	886,451,781
	Calendar Year 2022	Calendar Year 2023	Calendar Year 2024	Calendar Year 2025	Calendar Year 2026	Calendar Year 2027	Calendar Year 2028	Calendar Year 2029
Sales & Use Tax Revenue	501,193,393	520,672,399	541,153,993	562,519,267	584,756,697	607,972,841	632,455,452	657,766,793
MVET Tax Revenue	255,914,874	263,422,426	271,328,074	279,308,035	287,739,019	296,658,245	306,166,459	221,008,248
<b>Property</b> Tax Revenue	157,660,100	160,636,468	163,705,417	166,870,693	170,136,205	173,506,033	176,984,436	180,575,860
Total Tax Revenue	914,768,368	944,731,293	976,187,484	1,008,697,995	1,042,631,920	1,078,137,118	1,115,606,347	1,059,350,901

## Transportation Revenue Forecast Council

### Table ST. 2 & 3. Sound Transit Revenue Forecast by Calendar Year

November 2017

	Calendar Year 2014	Calendar Year 2015	Calendar Year 2016	Calendar Year 2017	Calendar Year 2018	Calendar Year 2019	Calendar Year 2020	Calendar Year 2021
Sales & Use Tax Revenue	632,174,582	687,141,265	745,955,305	977,260,591	1,233,108,527	1,266,523,997	1,304,733,228	1,353,126,888
MVET Tax Revenue	73,581,481	78,803,221	85,028,486	207,036,059	310,874,768	323,483,247	332,276,689	341,576,745
<b>Rental Car</b> Tax Revenue	3,049,872	3,249,848	3,501,411	3,593,066	3,701,682	3,812,733	3,927,115	4,044,928
<b>Property</b> Tax Revenue	-	-	-	141,376,250	145,557,636	149,092,308	151,970,910	154,772,727
Total Tax Revenue	708,805,935	769,194,334	834,485,202	1,329,265,967	1,693,242,612	1,742,912,285	1,792,907,942	1,853,521,289
	Calendar Year 2022	Calendar Year 2023	Calendar Year 2024	Calendar Year 2025	Calendar Year 2026	Calendar Year 2027	Calendar Year 2028	Calendar Year 2029
Sales & Use Tax Revenue	1,403,341,501	1,457,882,717	1,515,231,182	1,575,053,948	1,637,318,750	1,702,323,955	1,770,875,264	1,841,747,020
MVET Tax Revenue	351,882,952	362,205,836	373,076,101	384,048,548	395,641,151	407,905,086	420,978,882	221,008,248
<b>Rental Car</b> Tax Revenue	4,166,276	4,291,264	4,420,002	4,552,602	4,689,180	4,829,856	4,974,751	5,123,994
<b>Property</b> Tax Revenue	157,660,100	160,636,468	163,705,417	166,870,693	170,136,205	173,506,033	176,984,436	180,575,860
Total Tax Revenue	1,917,050,829	1,985,016,285	2,056,432,702	2,130,525,791	2,207,785,286	2,288,564,930	2,373,813,333	2,248,455,122

# SR 167 High Occupancy Toll (HOT) Lanes Extension of Pilot Program Alternative Forecast

November 2016

**Transportation Revenue Forecast Council**  
**November 2017 Toll Alternative Forecast: Extension of SR 167 Pilot Program**

**SR 167 High Occupancy Toll (HOT) Lanes Toll Transactions and Toll Revenue**

- Stantec completed a long-term toll traffic and revenue forecast for extending the HOT lanes pilot program out through the remainder of the forecast horizon FY 2029. This forecast was completed as part of a June 2017 full Eastside Corridor (405 ETL and SR 167 HOT Lanes) forecast. This forecast was updated for November 2017 to include actual data through FY 2017.
- The baseline forecast for SR 167 HOT Lanes pilot program covers period through FY 2019 and the alternative forecast is for FY 2020 through FY 2029. Assumptions for the alternative forecast include: no improvements on I-405 between Renton and Bellevue; \$9 toll cap; no photo toll capacity; and the current HOV 2+ exemption policy applies.
- Regional and corridor-level models were built and calibrated to 2016 travel patterns and toll rates on the SR 167.
- Independent land use forecasts were completed to guide future traffic projections.
- Recent changes to the toll algorithm utilized to set toll rates were incorporated into the modeling process.
- This forecast used monthly preliminary traffic and revenue data through June 2017.

**HOT Lanes Toll Traffic Volume Forecast**

- The southbound HOT lane extension from 277th to 8th opened in December 19, 2016. Toll transactions and revenue have increased from this HOT lane extension.
- Increasing congestion in the corridor, coupled with land use growth, will drive transaction growth.
- From FY 2018 to FY 2029, toll transactions are assumed to grow around 7.6% per year.
- This forecast assumes no improvements associated to the I-405 ETL's between Renton and Bellevue.

**HOT Lanes Revenue Forecast**

- The opening of the southbound HOT lane extension from 277th to 8th, combined with changes to the toll algorithm, has led to recent increases in revenue. These are expected to continue with the new, longer facility.
- It was assumed the existing \$9 toll cap would remain in place through FY 2029.
- The average toll rate is forecasted to increase by approximately 3.8% per year through FY 2029 due to congestion. Growth in the average toll rate, however, is dampened by the existing \$9 toll cap.
- From FY 2018 to FY 2029, the annual toll revenue is assumed to grow between 8% to 9% per year. This growth is due to both growth in transactions and increasing average toll rates due to congestion.
- The transponder sales revenue assumes the equal value as of the transponder costs.
- The fee revenue estimate is based on historical data.
- Miscellaneous revenue includes interest earnings; the interest rate is assumed to be 0.6%.

**Transportation Revenue Forecast Council**  
**SR 167 HOT Lanes Alternative Forecast - Toll Transaction and Revenue by Fiscal Year**  
**November 2017**

<b>Transactions</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
<b>November 2017 Forecast</b>	1,948,000	2,096,000	2,257,000	2,428,000	2,611,000	2,810,000	3,001,000	3,208,000	3,427,000	3,662,000
Annual Percent Change		7.6%	7.7%	7.6%	7.5%	7.6%	6.8%	6.9%	6.8%	6.9%
<b>June 2017 Forecast</b>	1,996,000	2,170,000	2,359,000	2,564,000	2,788,000	3,030,000	3,290,000	3,570,000		
Percent Change, November vs June	-2.4%	-3.4%	-4.3%	-5.3%	-6.3%	-7.3%	-8.8%	-10.1%		

<b>Gross Revenue</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
<b>November 2017 Forecast</b>										
Toll Revenue	4,052,300	4,413,500	4,810,600	5,238,300	5,701,900	6,211,500	6,707,200	7,249,300	7,830,000	8,459,600
Transponder Sales	90,000	94,000	101,000	111,000	119,000	129,000	140,000	150,000	154,000	158,000
NSF / Statement Fees	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Misc Revenue (interests)	49,000	63,000	79,000	97,000	116,000	138,000	163,000	189,000	219,000	251,000
<b>Total SR 167 Revenue</b>	\$ 4,146,300	\$ 4,511,500	\$ 4,915,600	\$ 5,353,300	\$ 5,824,900	\$ 6,344,500	\$ 6,851,200	\$ 7,403,300	\$ 7,988,000	\$ 8,621,600
Annual Percent Change		8.8%	9.0%	8.9%	8.8%	8.9%	8.0%	8.1%	7.9%	7.9%
<b>June 2017 Forecast</b>										
Toll Revenue	3,663,000	4,134,000	4,664,000	5,261,000	5,938,000	6,700,000	7,560,000	8,530,000		
Transponder Sales	69,000	68,000	69,000	71,000	73,000	75,000	77,000	79,000		
NSF / Statement Fees	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000		
Misc Revenue (interests)	36,000	47,000	60,000	76,000	94,000	116,000	142,000	171,000		
<b>Total SR 167 Revenue</b>	\$ 3,736,000	\$ 4,206,000	\$ 4,737,000	\$ 5,336,000	\$ 6,015,000	\$ 6,779,000	\$ 7,641,000	\$ 8,613,000		
Annual Percent Change		12.6%	12.6%	12.6%	12.7%	12.7%	12.7%	12.7%		
<b>Percent Change, November vs June</b>										
Toll Revenue	10.6%	6.8%	3.1%	-0.4%	-4.0%	-7.3%	-11.3%	-15.0%		
Transponder Sales	30.4%	38.2%	46.4%	56.3%	63.0%	72.0%	81.8%	89.9%		
NSF / Statement Fees	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
Misc Revenue (interests)	36.1%	34.0%	31.7%	27.6%	23.4%	19.0%	14.8%	10.5%		
<b>Total SR 167 Revenue</b>	11.0%	7.3%	3.8%	0.3%	-3.2%	-6.4%	-10.3%	-14.0%		