



**AIRPORT AND FERRY DIVISION MEMORANDUM**

**MARCH 21, 2018**

*Subject: January 2018 Ferry Performance Measures*

This memorandum and the attached charts provide the Pierce County Ferry Performance Measures for January 2018. Historic trend charts are also included to provide a basis for performance comparison. Other than cars left behind, all ridership statistics are one-way figures.

**Fare Revenue**

MONTH	FARE REVENUE	BUDGETED FARE REVENUE
January 2018	\$163,007.30	\$179,750

*Monthly revenues reported in the Performance Measures January vary based on the posting date used by Pierce County Budget & Finance.*

**January 2018 Ridership**

RIDERSHIP CATEGORY	RIDERSHIP COUNT	PERCENT DIFFERENCE FROM 2017	DIFFERENCE IN RIDERS FROM 2017
YTD Total Ridership	14,732	7.86%	1,073
Monthly Total Ridership	14,732	7.86%	1,073
Walk-on Adults	1,566	12.18%	170
Walk-on Youth	1,551	2.78%	42
Walk-on Senior / Disabled	1,403	9.44%	121
Walk-on Commuters	1,573	2.61%	40
Vehicles up to 21' with Driver	1,835	16.21%	256
Vehicles up to 21' with Commuter	5,547	6.51%	339
Vehicles up to 21' with Senior/Disabled	824	14.44%	104
Commuter Motorcycles	14	(60.00%)	-21

**Vehicles Left Behind in January**

VEHICLES LEFT BEHIND 2018	VEHICLES LEFT BEHIND 2017	% CHG FROM 2017
193	0	>100%

**On-Time / Delayed Departures**

% ON TIME	# OF RUNS	TOTAL DELAYED TRIPS	CAUSE OF DELAYS														
95.2%	942	45	<table border="0"> <tr> <td>Full Load</td> <td>9</td> </tr> <tr> <td>Mechanical</td> <td>6</td> </tr> <tr> <td>Train</td> <td>1</td> </tr> <tr> <td>Passenger</td> <td>4</td> </tr> <tr> <td>Stalled Vehicle</td> <td>1</td> </tr> <tr> <td>Scheduled Ketron</td> <td>13</td> </tr> <tr> <td>Unknown *</td> <td>11</td> </tr> </table>	Full Load	9	Mechanical	6	Train	1	Passenger	4	Stalled Vehicle	1	Scheduled Ketron	13	Unknown *	11
Full Load	9																
Mechanical	6																
Train	1																
Passenger	4																
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Scheduled Ketron	13																
Unknown *	11																

Respectfully submitted,  
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**Attachments:**  
- 2018 Ridership  
- 2017 Ridership  
- Monthly ridership comparison  
- YTD ridership comparison  
- Monthly Ticket Sales  
- On-time delay report

\*Currently changing our data collection methods to ensure every delay has a cause recorded.

## Pierce County Ferry - 2018 Ridership Anderson & Ketron Islands

Combined Islands	Jan-17 OUT	Feb-17 OUT	Mar-17 OUT	Apr-17 OUT	May-17 OUT	Jun-17 OUT	Jul-17 OUT	Aug-17 OUT	Sep-17 OUT	Oct-17 OUT	Nov-17 OUT	Dec-17 OUT	2017 TOTALS	
<b>Passengers</b>														
Adults	1,566	0	0	0	0	0	0	0	0	0	0	0	1,566	<b>Total Passengers  6,213</b>
Youth (Ages 6-18)	1,551	0	0	0	0	0	0	0	0	0	0	0	1,551	
Children (Under Age 6)	120	0	0	0	0	0	0	0	0	0	0	0	120	
Senior/Disabled Citizens	1,403	0	0	0	0	0	0	0	0	0	0	0	1,403	
Commuter Passengers	1,573	0	0	0	0	0	0	0	0	0	0	0	1,573	
<i>Monthly Passenger Total</i>	6,213	0	0	0	0	0	0	0	0	0	0	0	6,213	
<b>Vehicles</b>														
Up to 21' and Driver	1,835	0	0	0	0	0	0	0	0	0	0	0	1,835	<b>Total Vehicles  8,468</b>
Up to 21' and Sr/Disabled	824	0	0	0	0	0	0	0	0	0	0	0	824	
Up to 21' and Commuter	5,547	0	0	0	0	0	0	0	0	0	0	0	5,547	
Over 21' to under 30'	109	0	0	0	0	0	0	0	0	0	0	0	109	
30' to under 40"	81	0	0	0	0	0	0	0	0	0	0	0	81	
40' to under 50'	22	0	0	0	0	0	0	0	0	0	0	0	22	
50' to under 60'	5	0	0	0	0	0	0	0	0	0	0	0	5	
60' to under 70'	9	0	0	0	0	0	0	0	0	0	0	0	9	
70' to under 80'	10	0	0	0	0	0	0	0	0	0	0	0	10	
80' to under 90'	2	0	0	0	0	0	0	0	0	0	0	0	2	
90' and greater	0	0	0	0	0	0	0	0	0	0	0	0	0	
Motorcycle w/Driver	8	0	0	0	0	0	0	0	0	0	0	0	8	
Motorcycle w/Commuter	14	0	0	0	0	0	0	0	0	0	0	0	14	
3-Wheel Vehicles	2	0	0	0	0	0	0	0	0	0	0	0	2	
<i>Monthly Vehicle Total</i>	8,468	0	0	0	0	0	0	0	0	0	0	0	8,468	
<i>Non-Exempt Total</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Monthly Non-Exempt Total</i>	14,681	0	0	0	0	0	0	0	0	0	0	0	14,681	<b>14,681</b>
<i>Exempt</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Exempt Vehicles	51	0	0	0	0	0	0	0	0	0	0	0	51	<b>Total Exempt  51</b>
Exempt Passengers	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Monthly Exempt Total</i>	51	0	0	0	0	0	0	0	0	0	0	0	51	
<b>Other - NOT INCLUDED</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cars Left Behind	193	0	0	0	0	0	0	0	0	0	0	0	193	
<b>Totals</b>	<b>14,732</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,732</b>	
Change from 2016	7.86%												7.86%	

Pierce County Public Works & Utilities  
Airport and Ferry Division  
2702 South 42nd Street, Suite 201  
Tacoma, WA 98409

<b>Total Passengers</b>	<b>6,213</b>
<b>Total Vehicles</b>	<b>8,468</b>
<b>Total Exempt</b>	<b>51</b>
<b>Total Ridership</b>	<b>14,732</b>

## Pierce County Ferry - 2017 Ridership Anderson & Ketron Islands

Combined Islands	Jan-17 OUT	Feb-17 OUT	Mar-17 OUT	Apr-17 OUT	May-17 OUT	Jun-17 OUT	Jul-17 OUT	Aug-17 OUT	Sep-17 OUT	Oct-17 OUT	Nov-17 OUT	Dec-17 OUT	2017 TOTALS	
<b>Passengers</b>														
Adults	1,396	1,342	1,736	1,867	2,746	2,839	4,860	4,083	2,952	1,818	1,823	2,098	27,462	<b>Total Passengers  91,631</b>
Youth (Ages 6-18)	1,509	1,330	1,631	1,689	2,397	2,280	3,290	2,988	2,273	1,906	1,813	1,649	23,106	
Children (Under Age 6)	110	113	122	191	338	298	843	741	397	152	104	212	3,409	
Senior/Disabled Citizens	1,282	1,238	1,415	1,483	1,784	1,908	2,299	2,249	1,936	1,725	1,514	1,551	18,833	
Commuter Passengers	1,533	1,393	1,675	1,598	1,860	1,820	1,793	1,884	1,755	1,819	1,691	1,759	18,821	
<b>Monthly Passenger Total</b>	<b>5,830</b>	<b>5,416</b>	<b>6,579</b>	<b>6,828</b>	<b>9,125</b>	<b>9,145</b>	<b>13,085</b>	<b>11,945</b>	<b>9,313</b>	<b>7,420</b>	<b>6,945</b>	<b>7,269</b>	<b>91,631</b>	
<b>Vehicles</b>														
Up to 21' and Driver	1,579	1,509	1,950	2,218	2,669	2,786	4,149	3,574	2,849	1,988	1,893	2,260	27,164	<b>Total Vehicles  106,517</b>
Up to 21' and Sr/Disabled	720	654	866	899	963	998	1,144	1,171	985	847	817	860	10,064	
Up to 21' and Commuter	5,208	4,953	5,647	5,283	6,193	6,583	6,301	6,767	6,169	6,118	5,689	5,768	64,911	
Over 21' to under 30'	108	97	158	147	128	79	114	132	135	92	108	111	1,298	
30' to under 40"	68	78	104	106	130	139	167	184	127	119	101	89	1,323	
40' to under 50'	14	19	20	26	34	107	53	45	28	39	24	24	409	
50' to under 60'	10	8	8	17	16	32	13	17	25	18	19	5	183	
60' to under 70'	14	10	12	12	15	22	27	16	27	14	9	7	178	
70' to under 80'	3	1	6	2	3	12	5	6	8	12	2	5	60	
80' to under 90'	0	0	0	0	0	3	0	0	0	0	0	0	3	
90' and greater	0	0	0	0	0	0	0	2	0	0	0	0	2	
Motorcycle w/Driver	8	5	9	16	33	28	62	51	55	14	7	2	288	
Motorcycle w/Commuter	35	23	31	27	65	88	87	96	70	49	30	20	601	
3-Wheel Vehicles	0	0	0	0	0	3	6	5	11	7	1	4	33	
<b>Monthly Vehicle Total</b>	<b>7,767</b>	<b>7,357</b>	<b>8,811</b>	<b>8,753</b>	<b>10,249</b>	<b>10,880</b>	<b>12,128</b>	<b>12,066</b>	<b>10,489</b>	<b>9,317</b>	<b>8,700</b>	<b>9,155</b>	<b>106,517</b>	
<b>Non-Exempt Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Monthly Non-Exempt Total</b>	<b>13,597</b>	<b>12,773</b>	<b>15,390</b>	<b>15,581</b>	<b>19,374</b>	<b>20,025</b>	<b>25,213</b>	<b>24,011</b>	<b>19,802</b>	<b>16,737</b>	<b>15,645</b>	<b>16,424</b>	<b>198,148</b>	<b>198,148</b>
<b>Exempt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Exempt Vehicles	62	134	122	184	245	274	223	319	303	307	218	189	2,391	<b>Total Exempt  2,391</b>
Exempt Passengers	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Monthly Exempt Total</b>	<b>62</b>	<b>134</b>	<b>122</b>	<b>184</b>	<b>245</b>	<b>274</b>	<b>223</b>	<b>319</b>	<b>303</b>	<b>307</b>	<b>218</b>	<b>189</b>	<b>2,391</b>	
<b>Other - NOT INCLUDED</b>														
Cars Left Behind	0	0	45	72	248	444	1,350	605	407	95	147	243	3,413	
<b>Totals</b>	<b>13,659</b>	<b>12,907</b>	<b>15,512</b>	<b>15,765</b>	<b>19,619</b>	<b>20,299</b>	<b>25,436</b>	<b>24,330</b>	<b>20,105</b>	<b>17,044</b>	<b>15,863</b>	<b>16,613</b>	<b>200,539</b>	
Change from 2016	5.71%	18.58%	7.77%	2.79%	11.31%	17.40%	29.23%	11.35%	13.15%	22.96%	11.57%	7.43%	13.52%	

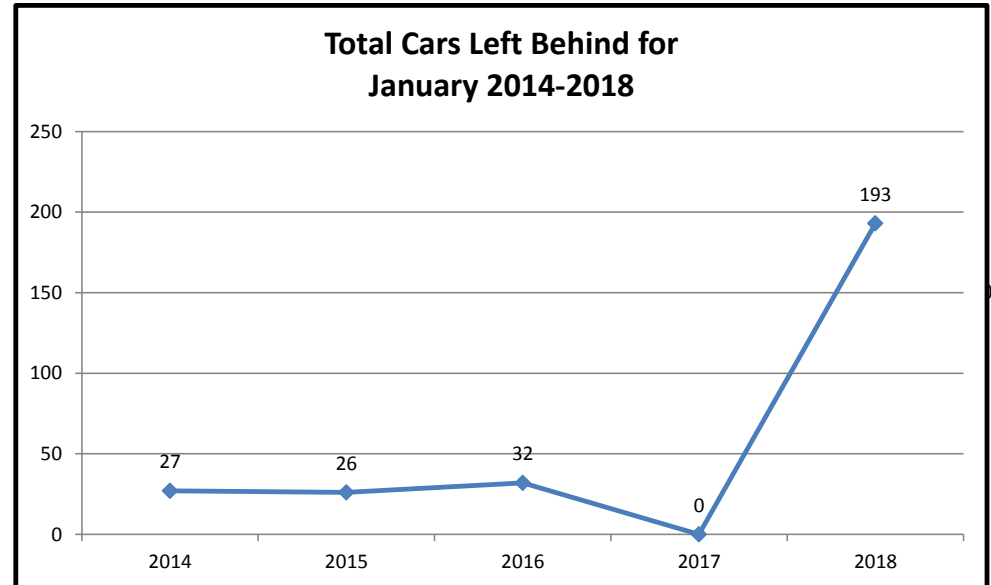
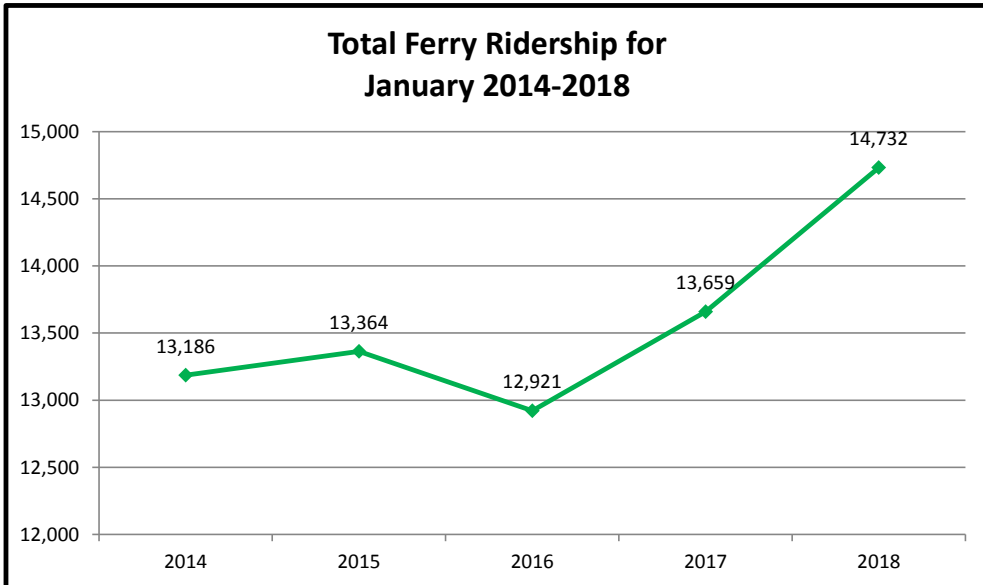
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<b>Total Passengers</b>	<b>98,900</b>
<b>Total Vehicles</b>	<b>115,672</b>
<b>Total Exempt</b>	<b>2,580</b>
<b>Total Ridership</b>	<b>217,152</b>

## Pierce County Ferry - 2014 to 2018 Monthly Ridership For the Month of January

Combined Islands	2014	2015	2016	2017	2018	2014-2018 AVERAGES
<b>Passengers</b>						
Monthly Passenger Total	5,911	5,981	5,889	5,830	6,213	5,965
<b>Vehicles</b>						
Monthly Vehicle Total	7,275	7,381	7,020	7,767	8,468	7,582
<b>Exempt</b>						
Monthly Exempt Total*	0	2	12	62	51	25
<b>Other - NOT INCLUDED</b>						
Monthly Cars Left Behind**	27	26	32	0	193	56
<b>Totals</b>	<b>13,186</b>	<b>13,364</b>	<b>12,921</b>	<b>13,659</b>	<b>14,732</b>	<b>13,572</b>

**Anderson & Ketron  
Islands**

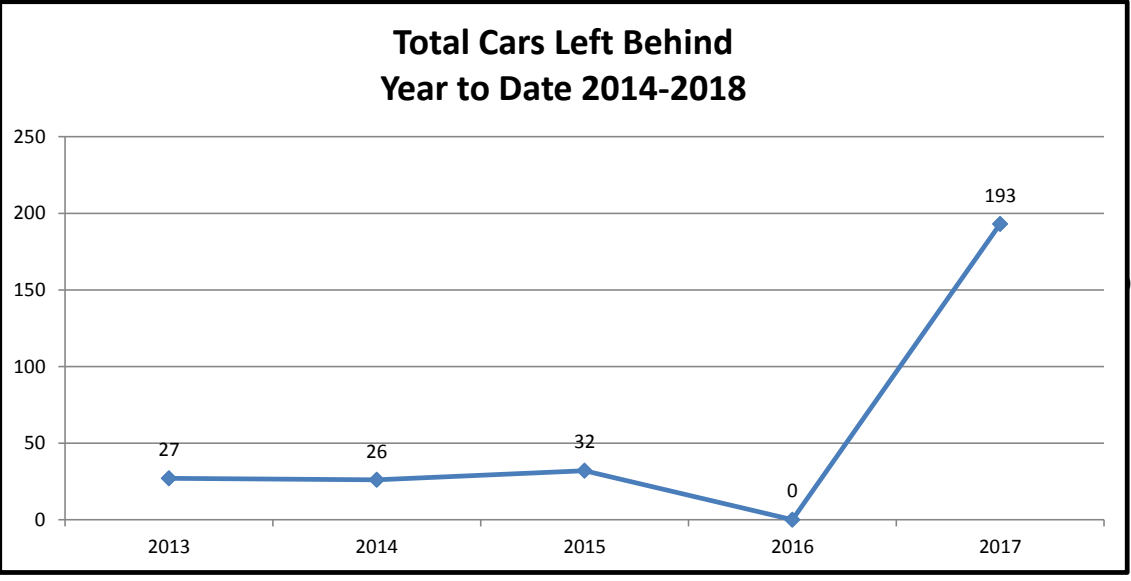
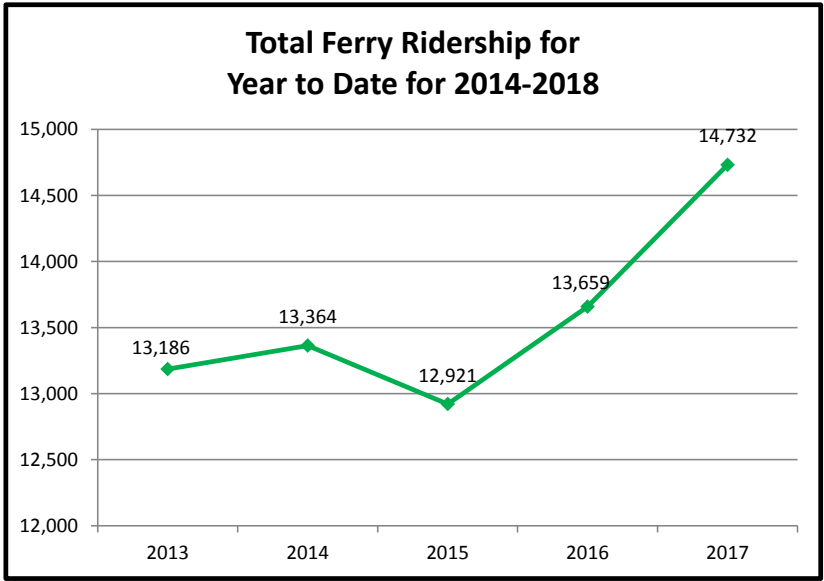


## Pierce County Ferry 2014 - 2018

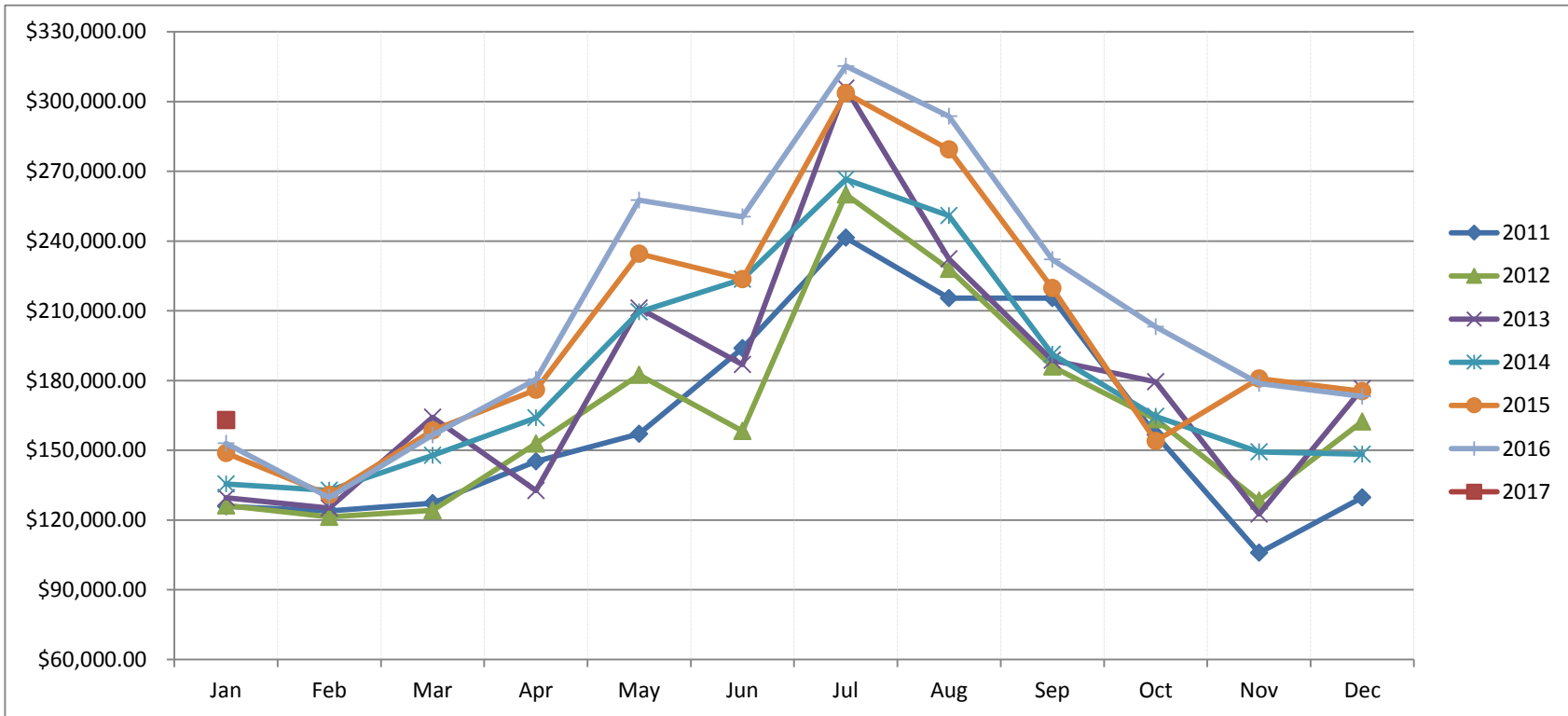
### Year to Date Totals Through January

Combined Islands	2013	2014	2015	2016	2017	2014-2018 AVERAGES
<b>Passengers</b>						
YTD Passenger Total	5,911	5,981	5,889	5,830	6,213	5,965
<b>Vehicles</b>						
YTD Vehicle Total	7,275	7,381	7,020	7,767	8,468	7,582
<b>Exempt</b>						
YTD Exempt Total*	0	2	12	62	51	25
<b>Other - NOT INCLUDED</b>						
Monthly Cars Left Behind**	27	26	32	0	193	56
<b>Totals</b>						
	<b>13,186</b>	<b>13,364</b>	<b>12,921</b>	<b>13,659</b>	<b>14,732</b>	<b>13,572</b>

**Anderson & Ketron  
Island**



## Pierce County Ferry System Ticket Sales by Month 2012-2018



Month	2012	2013	2014	2015	2016	2017	2018
Jan	\$ 125,848.85	\$ 126,194.90	\$ 129,625.00	\$ 135,455.00	\$ 148,753.95	\$ 152,936.35	\$ 163,007.30
Feb	\$ 123,887.79	\$ 121,360.59	\$ 125,146.00	\$ 132,736.00	\$ 130,783.20	\$ 129,663.00	
Mar	\$ 127,252.61	\$ 124,175.22	\$ 164,208.00	\$ 147,762.00	\$ 158,542.65	\$ 156,493.00	
Apr	\$ 145,252.73	\$ 152,858.25	\$ 132,604.00	\$ 163,957.70	\$ 176,019.27	\$ 180,457.00	
May	\$ 157,053.75	\$ 182,381.05	\$ 211,172.00	\$ 209,581.63	\$ 234,493.20	\$ 257,589.00	
Jun	\$ 193,894.85	\$ 158,264.21	\$ 186,820.00	\$ 223,529.80	\$ 223,570.55	\$ 250,428.00	
Jul	\$ 241,410.40	\$ 260,026.00	\$ 305,702.00	\$ 266,512.69	\$ 303,626.22	\$ 315,273.00	
Aug	\$ 215,443.45	\$ 227,964.00	\$ 232,362.00	\$ 250,957.44	\$ 279,322.38	\$ 293,666.00	
Sep	\$ 215,426.75	\$ 185,973.00	\$ 188,716.00	\$ 191,350.91	\$ 219,709.25	\$ 232,005.00	
Oct	\$ 156,719.16	\$ 163,319.00	\$ 179,409.00	\$ 164,579.42	\$ 153,994.35	\$ 203,140.00	
Nov	\$ 105,860.25	\$ 128,319.00	\$ 122,535.00	\$ 149,226.31	\$ 180,780.35	\$ 178,766.00	
Dec	\$ 129,639.40	\$ 162,283.00	\$ 176,474.00	\$ 148,272.10	\$ 175,444.45	\$ 173,176.00	
Totals	\$ 1,937,689.99	\$ 1,993,118.22	\$ 2,154,773.00	\$ 2,183,921.00	\$ 2,385,039.82	\$ 2,523,592.35	\$ 163,007.30

## Ferry On-Time / Delay Report for January

Total On-Time Departure	Total Delayed Departure	Total Ferry Runs	On-Time Percentage
897	45	942	95.2%

Delay by Reason	Number of Delays
Full Load	9
Mechanical	6
Train	1
Passenger	4
Stalled Vehicle	1
Scheduled Ketron	13
Unknown *	11

