



**AIRPORT AND FERRY DIVISION MEMORANDUM**

**July 25, 2018**

*Subject: March 2018 Ferry Performance Measures*

This memorandum and the attached charts provide the Pierce County Ferry Performance Measures for March 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
March 2018	\$191,868	\$179,750

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

**March 2018 Ridership**

RIDERSHIP CATEGORY	RIDERSHIP COUNT	PERCENT DIFFERENCE FROM 2017	DIFFERENCE IN RIDERS FROM 2017
YTD Total Ridership	45,128	7.25%	3,050
Monthly Total Ridership	16,825	8.46%	1,313
Walk-on Adults	2,033	17.11%	297
Walk-on Youth	1,842	12.94%	211
Walk-on Senior / Disabled	1,560	10.25%	145
Walk-on Commuters	1,546	(7.70%)	-129
Vehicles up to 21' with Driver	2,384	22.26%	434
Vehicles up to 21' with Commuter	5,684	0.66%	37
Vehicles up to 21' with Senior/Disabled	987	13.97%	121
Commuter Motorcycles	47	51.61%	16

**Vehicles Left Behind in March**

VEHICLES LEFT BEHIND 2018	VEHICLES LEFT BEHIND 2017	% CHG FROM 2017
244	45	>100%

**On-Time / Delayed Departures**

% ON TIME	# OF RUNS	TOTAL DELAYED TRIPS	CAUSE OF DELAYS										
92.5%	921	69	<table> <tr> <td>Full Load</td> <td>7</td> </tr> <tr> <td>Mechanic</td> <td>13</td> </tr> <tr> <td>Train</td> <td>11</td> </tr> <tr> <td>Scheduled Ketron</td> <td>31</td> </tr> <tr> <td>Unknown</td> <td>7</td> </tr> </table>	Full Load	7	Mechanic	13	Train	11	Scheduled Ketron	31	Unknown	7
Full Load	7												
Mechanic	13												
Train	11												
Scheduled Ketron	31												
Unknown	7												

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-18 OUT	Feb-18 OUT	Mar-18 OUT	Apr-18 OUT	May-18 OUT	Jun-18 OUT	Jul-18 OUT	Aug-18 OUT	Sep-18 OUT	Oct-18 OUT	Nov-18 OUT	Dec-18 OUT	2017 TOTALS	
<b>Passengers</b>														
Adults	1,566	1,471	2,033	0	0	0	0	0	0	0	0	0	5,070	<b>Total Passengers  19,107</b>
Youth (Ages 6-18)	1,551	1,485	1,842	0	0	0	0	0	0	0	0	0	4,878	
Children (Under Age 6)	120	123	188	0	0	0	0	0	0	0	0	0	431	
Senior/Disabled Citizens	1,403	1,273	1,560	0	0	0	0	0	0	0	0	0	4,236	
Commuter Passengers	1,573	1,373	1,546	0	0	0	0	0	0	0	0	0	4,492	
<i>Monthly Passenger Total</i>	6,213	5,725	7,169	0	0	0	0	0	0	0	0	0	19,107	
<b>Vehicles</b>														
Up to 21' and Driver	1,835	1,752	2,384	0	0	0	0	0	0	0	0	0	5,971	<b>Total Vehicles  25,595</b>
Up to 21' and Sr/Disabled	824	734	987	0	0	0	0	0	0	0	0	0	2,545	
Up to 21' and Commuter	5,547	4,985	5,684	0	0	0	0	0	0	0	0	0	16,216	
Over 21' to under 30'	109	88	115	0	0	0	0	0	0	0	0	0	312	
30' to under 40"	81	70	118	0	0	0	0	0	0	0	0	0	269	
40' to under 50'	22	14	41	0	0	0	0	0	0	0	0	0	77	
50' to under 60'	5	11	12	0	0	0	0	0	0	0	0	0	28	
60' to under 70'	9	7	13	0	0	0	0	0	0	0	0	0	29	
70' to under 80'	10	5	9	0	0	0	0	0	0	0	0	0	24	
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	15	16	0	0	0	0	0	0	0	0	0	39	
Motorcycle w/Commuter	14	10	47	0	0	0	0	0	0	0	0	0	71	
3-Wheel Vehicles	2	3	7	0	0	0	0	0	0	0	0	0	12	
<i>Monthly Vehicle Total</i>	8,468	7,694	9,433	0	0	0	0	0	0	0	0	0	25,595	
<b>Non-Exempt Total</b>														
<i>Monthly Non-Exempt Total</i>	14,681	13,419	16,602	0	0	0	0	0	0	0	0	0	44,702	<b>44,702</b>
<b>Exempt</b>														
Exempt Vehicles	51	152	223	0	0	0	0	0	0	0	0	0	426	<b>Total Exempt 426</b>
Exempt Passengers	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Monthly Exempt Total</i>	51	152	223	0	0	0	0	0	0	0	0	0	426	
<b>Other - NOT INCLUDED</b>														
Cars Left Behind	193	105	244	0	0	0	0	0	0	0	0	0	542	
<b>Totals</b>	<b>14,732</b>	<b>13,571</b>	<b>16,825</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>45,128</b>	
Change from 2017	7.86%	5.14%	8.46%										7.20%	

Pierce County Public Works & Utilities  
Airport and Ferry Division  
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<b>Total Passengers</b>	<b>19,107</b>
<b>Total Vehicles</b>	<b>25,595</b>
<b>Total Exempt</b>	<b>426</b>
<b>Total Ridership</b>	<b>45,128</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>217,152</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%	

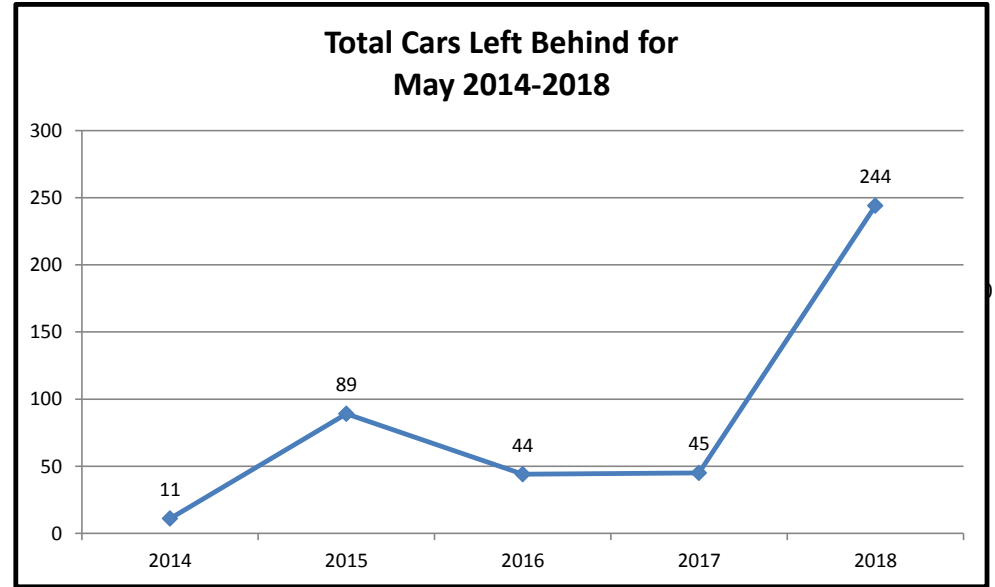
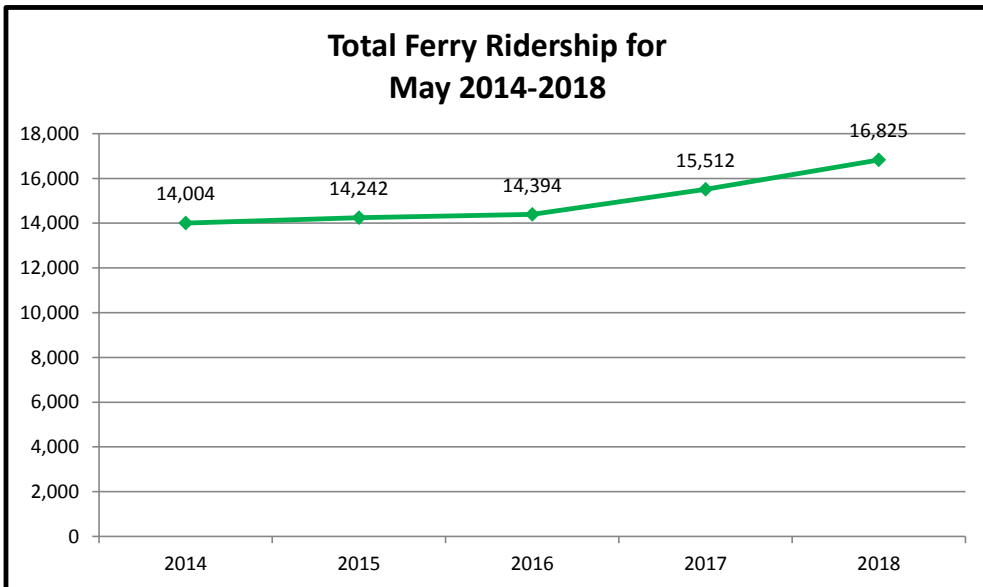
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<b>Total Passengers</b>	<b>98,900</b>
<b>Total Vehicles</b>	<b>115,672</b>
<b>Total Exempt</b>	<b>2,580</b>
<b>Total Ridership</b>	<b>217,152</b>

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

Combined Islands	2014	2015	2016	2017	2018	2014-2018 AVERAGES
<b>Passengers</b>						
Monthly Passenger Total	6,306	6,318	6,577	6,579	7,169	6,590
<b>Vehicles</b>						
Monthly Vehicle Total	7,698	7,902	7,773	8,811	9,433	8,323
<b>Exempt</b>						
Monthly Exempt Total*	0	22	44	122	223	82
<b>Other - NOT INCLUDED</b>						
Monthly Cars Left Behind**	11	89	44	45	244	87
<b>Totals</b>	<b>14,004</b>	<b>14,242</b>	<b>14,394</b>	<b>15,512</b>	<b>16,825</b>	<b>14,995</b>

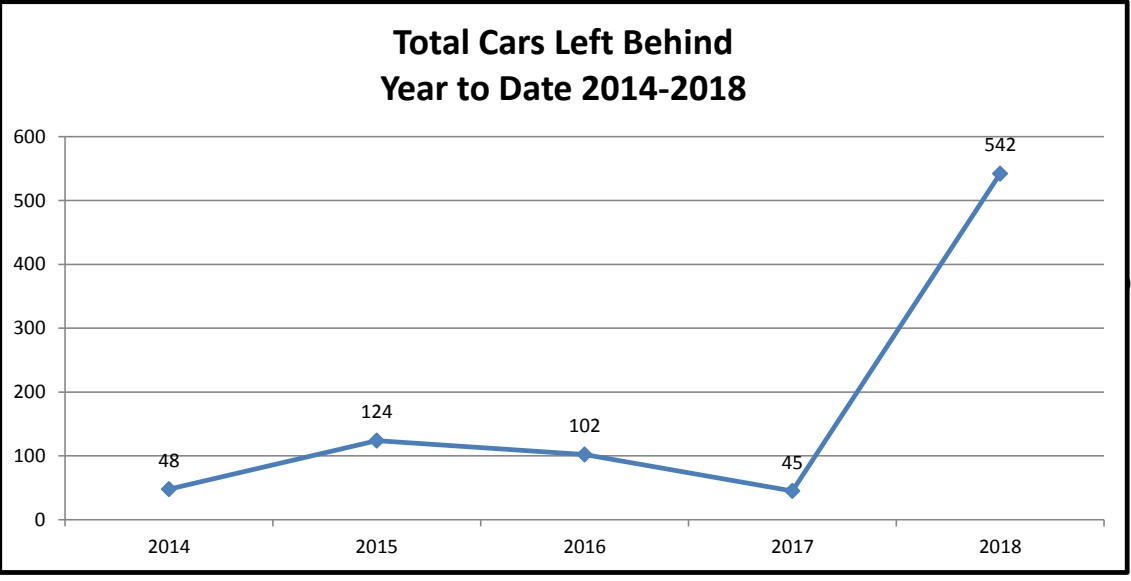
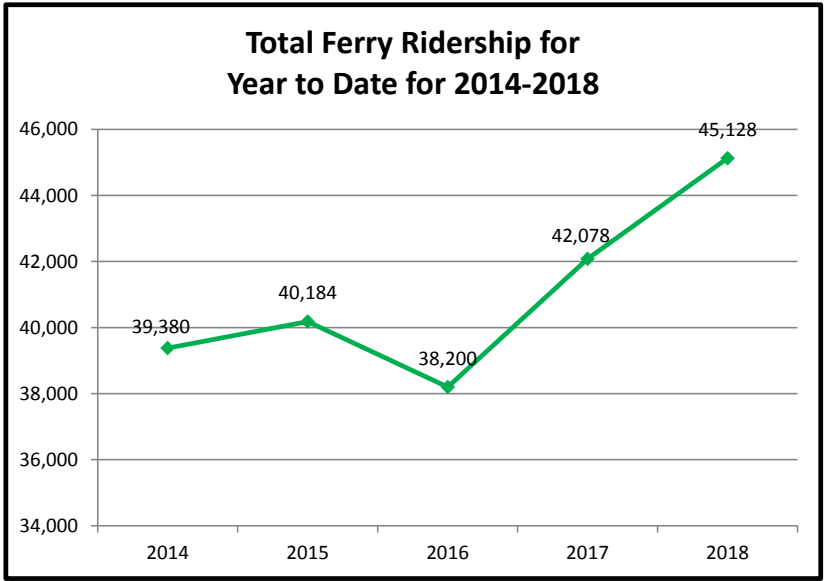
**Anderson & Ketron  
Islands**



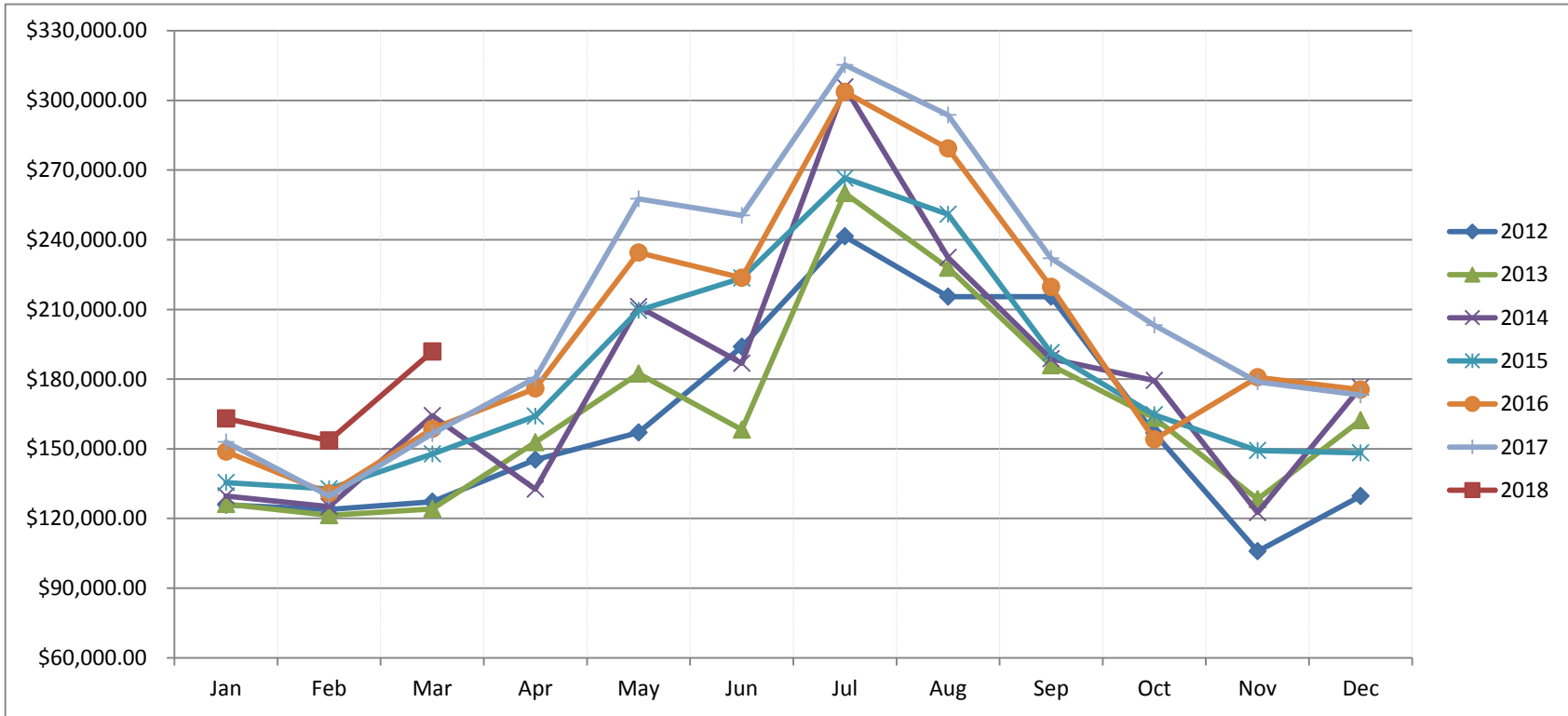
## Pierce County Ferry 2014 - 2018 Year to Date Totals Through March

Combined Islands	2014	2015	2016	2017	2018	2014-2018 AVERAGES
<b>Passengers</b>						
YTD Passenger Total	17,702	18,009	17,203	17,825	19,107	17,969
<b>Vehicles</b>						
YTD Vehicle Total	21,678	22,144	20,908	23,935	25,595	22,852
<b>Exempt</b>						
YTD Exempt Total*	0	31	89	318	426	173
<b>Other - NOT INCLUDED</b>						
Cars Left Behind	48	124	102	45	542	172
<b>Totals</b>	<b>39,380</b>	<b>40,184</b>	<b>38,200</b>	<b>42,078</b>	<b>45,128</b>	<b>40,994</b>

**Anderson & Ketron  
Island**



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



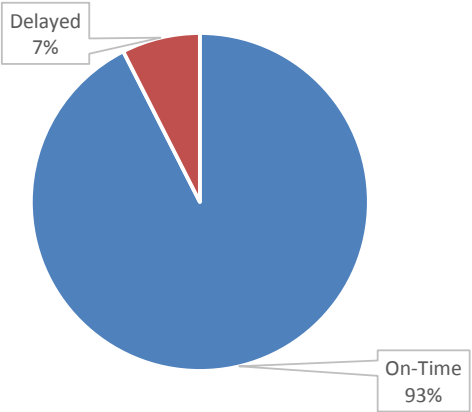
Month	2012	2013	2014	2015	2016	2017	2018
Jan	\$ 125,848.85	\$ 126,194.90	\$ 129,625.00	\$ 135,455.00	\$ 148,753.95	\$ 152,936.35	\$ 163,007.30
Feb	\$ 123,887.79	\$ 121,360.59	\$ 125,146.00	\$ 132,736.00	\$ 130,783.20	\$ 129,663.00	\$ 153,516.00
Mar	\$ 127,252.61	\$ 124,175.22	\$ 164,208.00	\$ 147,762.00	\$ 158,542.65	\$ 156,493.00	\$ 191,868.19
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	\$ 508,391.49

### Ferry On-Time / Delay Report for March

Total On-Time Departure	Total Delayed Departure	Total Ferry Runs	On-Time Percentage
852	69	921	92.5%

Delay by Reason	Number of Delays
Full Load	7
Mechanic	13
Train	11
Scheduled Ketron	31
Unknown	7

**On-Time/Delay Percentage**



**Delay Distribution by Reason**

