



Seasonal Population

San Juan County

2036 Comprehensive Plan Update

Joint Briefing County Council and Planning Commission

July 20, 2018

Background

- County Council adopted a population forecast of 16,314 for permanent resident population in June 2017
- The population forecast doesn't account for the large seasonal influx of visitors and part-time residents that impact the county during the summer months
- County Council requested an estimate of seasonal population to inform the comprehensive plan update
- Planning for or calculating seasonal population is not required by the Growth Management Act

Sources of Data & Limitations

- 2012-2017 Ferry Ridership Data -Washington State Department of Transportation
- San Juan County Visitor Survey June 2018
- Jan –August 2017- Calls for service San Juan County Sheriff
- 2014-2014 Seasonal Factor Study – San Juan County Public Works

San Juan County Visitor Study 2018

Daily Visitor Capacity – Transportation

Island	Theoretical Capacity	2017 Max Capacity	Typical Peak	Average
Lopez	7,500	2,800	2,200	1,900
Orcas	8,800	3,000	2,200	1,900
San Juan	13,250	4,000	3,500	2,500

Maximum Capacity of Overnight Accommodations

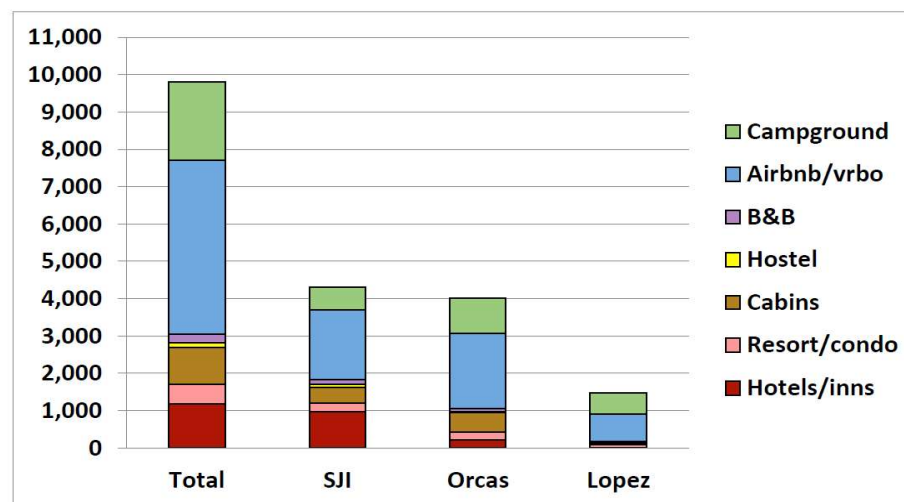
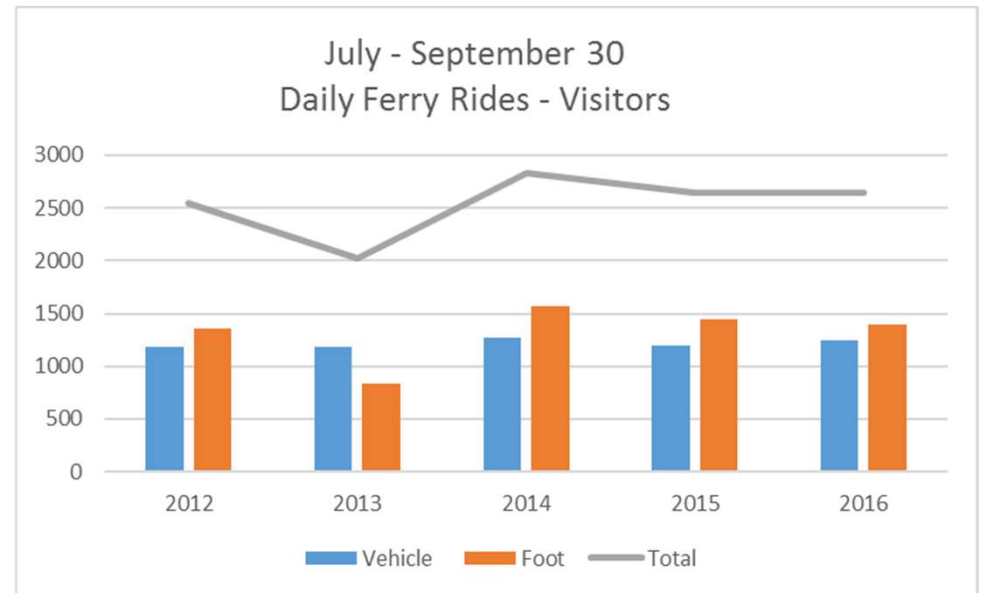


Figure 35. Estimated average overnight visitors (if all units were occupied)

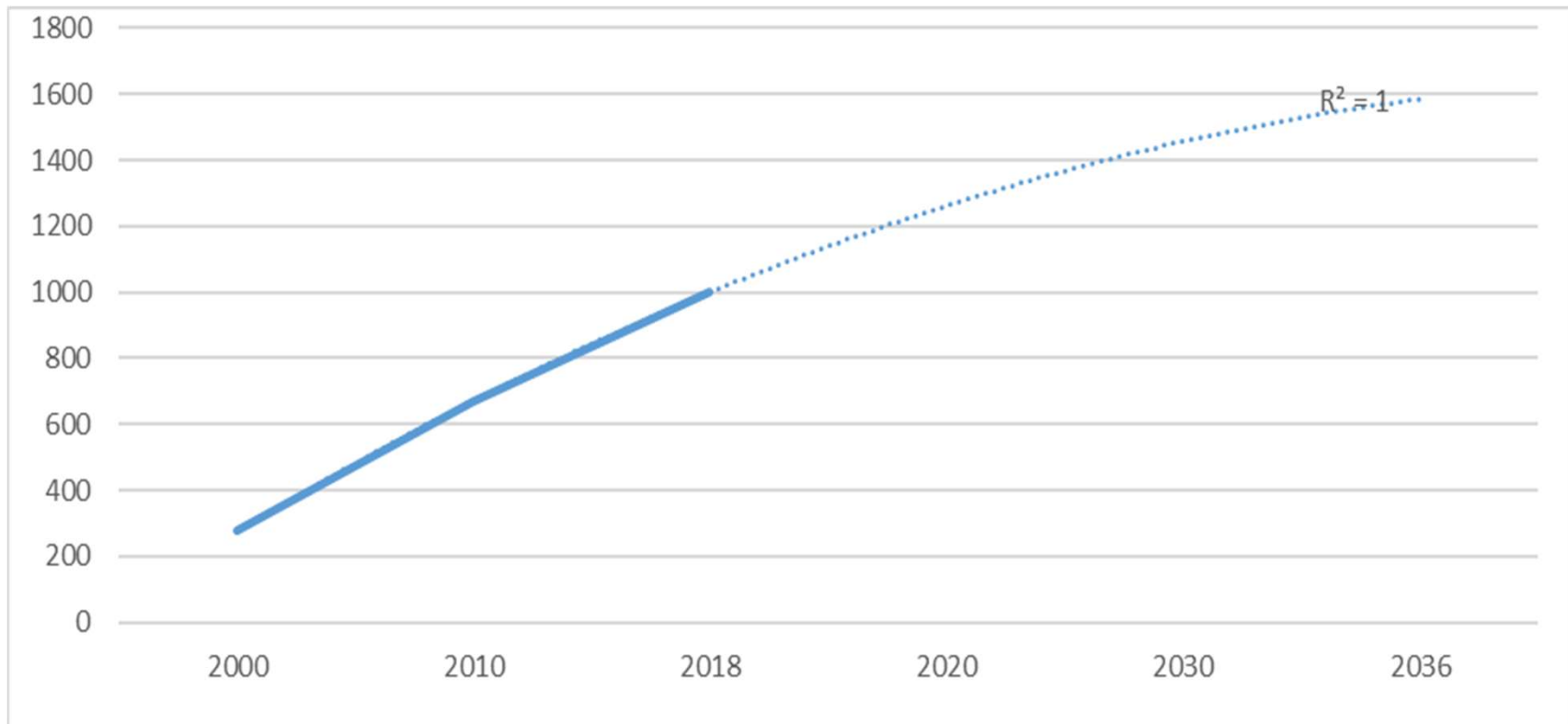
WSF Average Daily Ferry Riders - Visitors

July 1- September 30 (90 days)			
Average daily riders – Visitors*			
Year	Vehicle	Foot	Total
2012	1186	1359	2545
2013	1189	833	2021
2014	1271	1562	2833
2015	1201	1442	2643
2016	1248	1398	2646
2012-2016 Average			2538



*Q3-Q1 riders = visitors

Vacation Rentals



Forecast of Future Vacation Rentals

Estimated Peak Daily Population

Island	Typical 2017 Peak Daily WSF Ridership[1]	Percent of Total	Average Overnight Stay	2016 Peak Daily Population	April 1, 2016 OFM Population Estimate (permanent residents)
Lopez	2,200	28%	3.6	7,920	2,466
Orcas	2,200	28%	3.7	8,140	5,395
San Juan (incl. TFH)	3,500	44%	2.5	8,750	7,810
Shaw					241
Other Islands					402
Total	7,900	100%		24,810	16,314

Source: San Juan Island Visitors Study June 2018.

[1]Based on Figures 3-6 and data provided in the San Juan Islands Visitor Study June 2018. Includes both visitors and residents. We do not have reliable data for Shaw Island or for the non-ferry served islands.

2016-2036

Estimated Peak Daily Population

	Vacation Rentals	Additional Visitors (@ 5 per VR)	2036 Peak Daily Population	2036 Population
Low	600	3,000	27,810	19,423
High	1,000	5,000	29,810	19,423

2017 Calls for Service – SJC Sheriff

Month	Total Calls	Change as compared to January	2016 Population	Calls per capita	2036 population	2036 Calls
January	368		16,314	0.0225573	19,423	438.1307
February	359	-2%				
March	375	2%				
April	401	9%				
May	453	23%				
June	455	24%				
July	591	61%				
August	532	45%	24,810	0.021443	29,810	639.2148

2013-2014 Traffic Counts

Count Location	Lowest Monthly Volume (January)	Average Annual Daily Traffic (AADT)	Highest monthly traffic volume (August)	Jan -Aug Change
San Juan	607	749	1,002	65%
San Juan	807	1,109	1,645	104%
Lopez	808	1,034	1,435	78%
Shaw	180	228	314	74%
Orcas	775	1,138	1,588	105%
Orcas	2,939	3,884	5,556	89%