

The Otter Project

MPA Watch Survey Data

July 2015 - September 2015

Quarter 3

Total surveys to date: 7,149

Total surveys for this year: 1114

Contributing volunteers this quarter: 44

MPA Watch is a citizen science initiative to monitor human use of coastal natural resources by training and supporting volunteers in the collection of relevant, scientifically rigorous, and broadly accessible data. Data is meant to inform the management, enforcement, and research of California's marine protected areas (MPAs) and allow us to see how human uses are changing as a result of MPA implementation.

Volunteers record consumptive activities such as commercial fishing, shore fishing, and clamming, and non-consumptive activities such as swimming, SCUBA diving, and tide pooling. Potential users of MPA Watch data span academia, natural resource management agencies, and local communities. Data collection and this report will support MPA assessments and adaptive management; inform enforcement, compliance, education efforts; and build social capital.

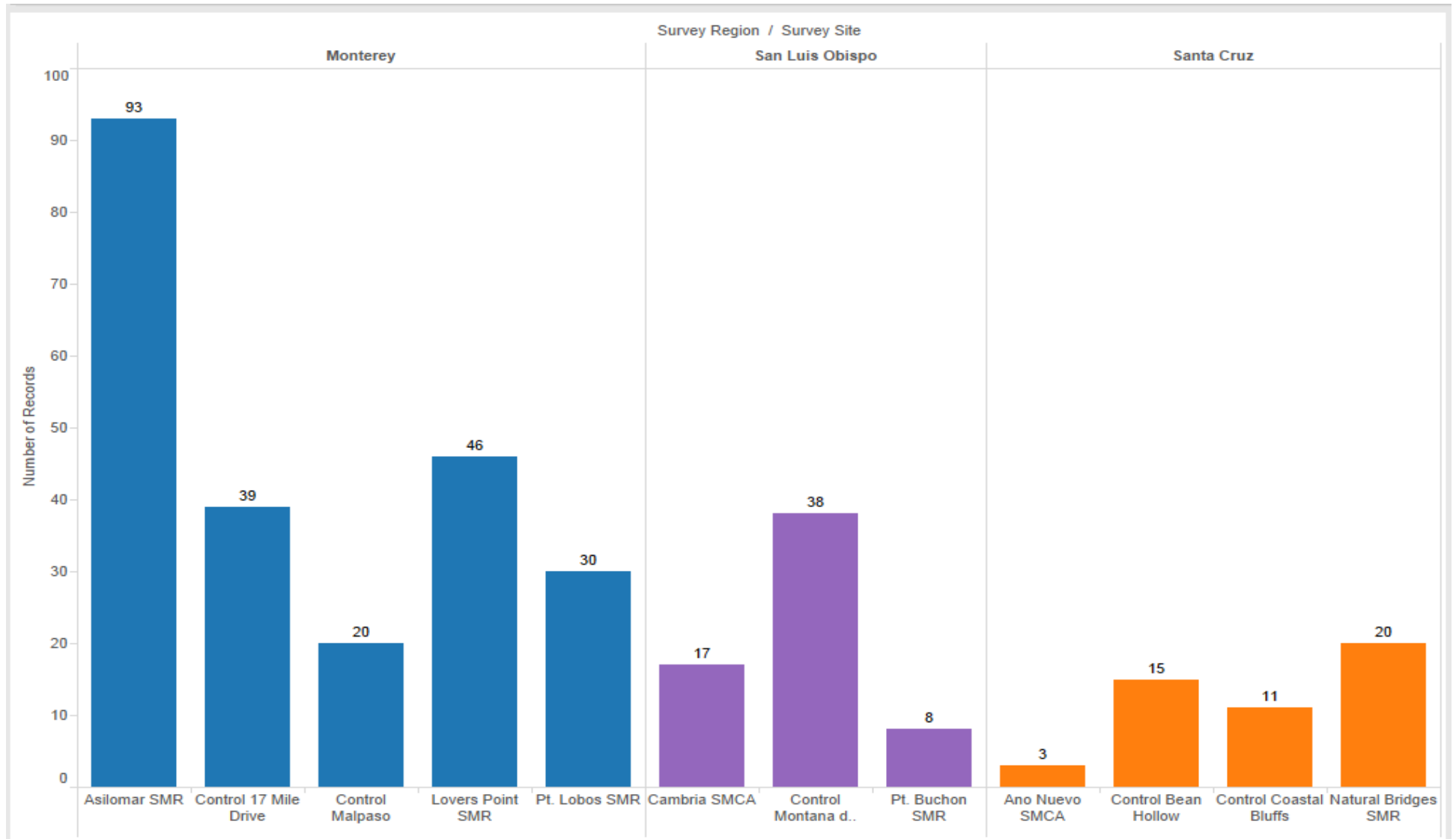
Santa Cruz cumulative total: 1251 Santa Cruz total this year: 180 Bean Hollow: 15 Ano Nuevo: 3 Coastal Bluffs: 11 Natural Bridges: 20	Monterey cumulative total: 3922 Monterey total this year: 1229 Lover's Point: 46 Asilomar: 93 17 Mile Drive: 39 Pt. Lobos: 30 Malpaso: 20	San Luis Obispo cumulative total: 1976 San Luis Obispo total this year: 202 Cambria: 17 Montana de Oro: 38 Pt. Buchon: 8
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MPA Watch Survey Data

Quarter 3

July 2015 - September 2015

All Survey Sites

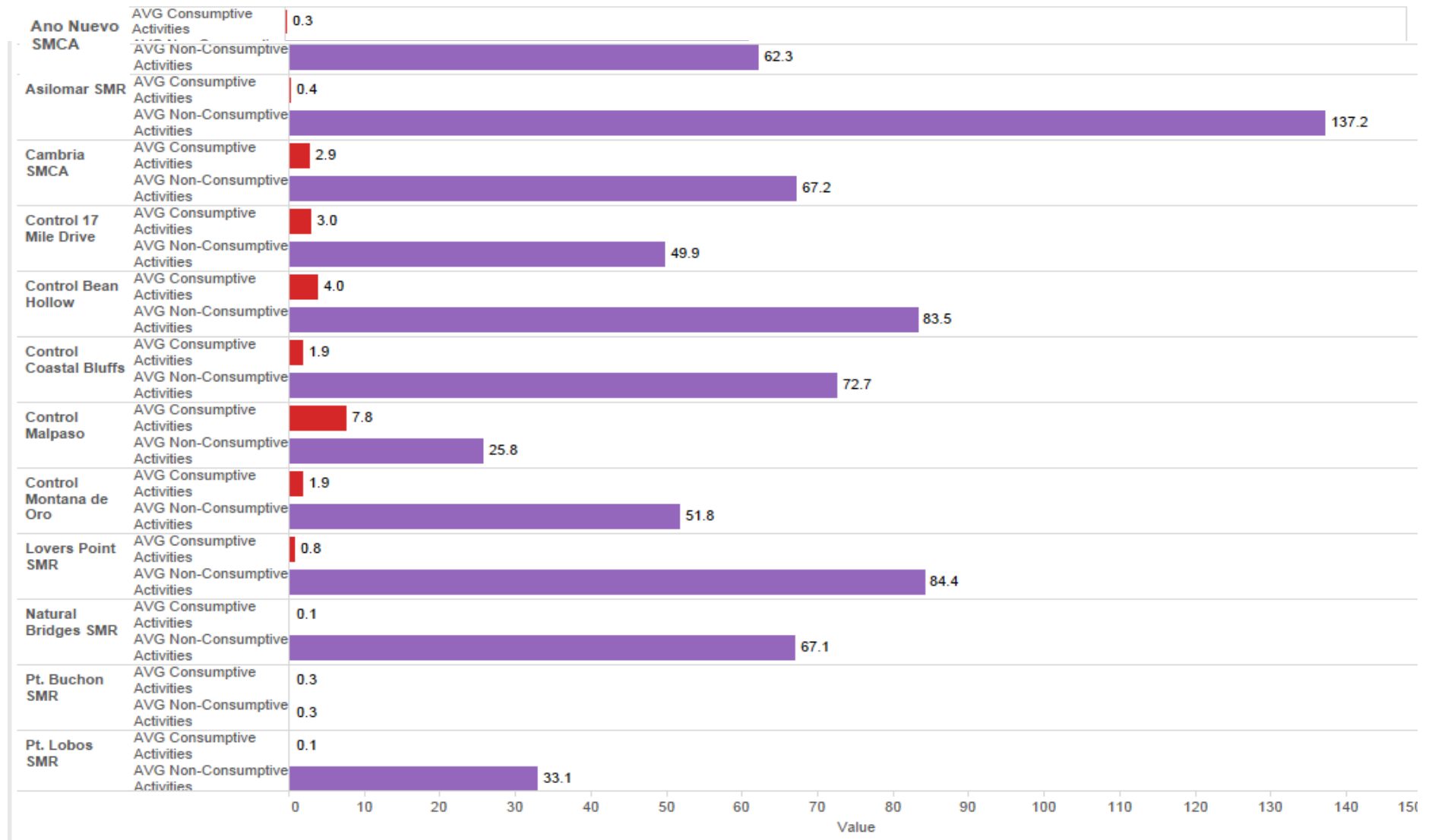


MPA Watch Survey Data

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All Survey Sites, Non-consumptive vs. Consumptive



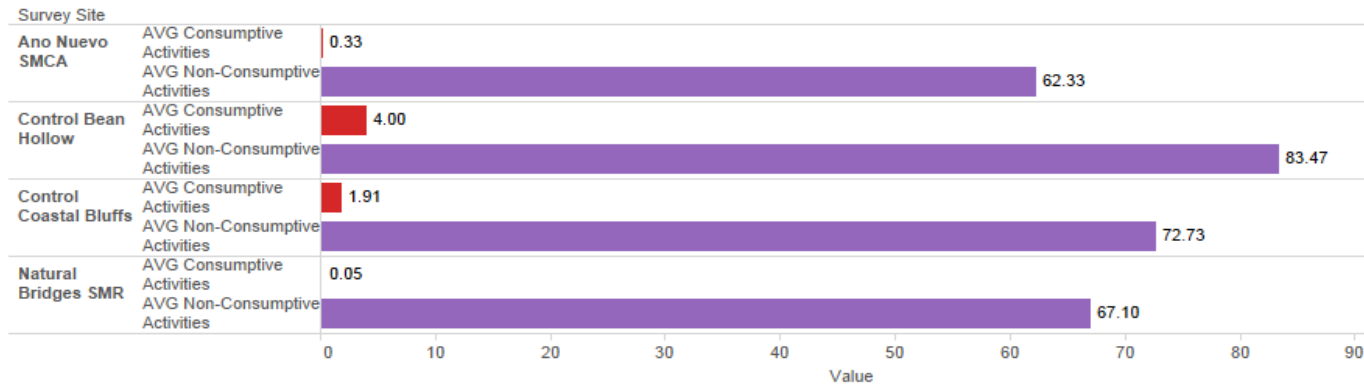
MPA Watch Survey Data

Quarter 3

July 2015 - September 2015

All Santa Cruz Sites

CON vs. NON-CON



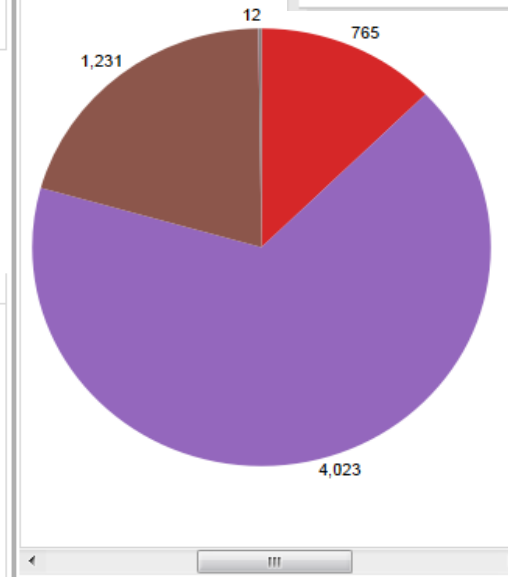
Measure Names

- AVG Consumptive Activities
- AVG Non-Consumptive Activities

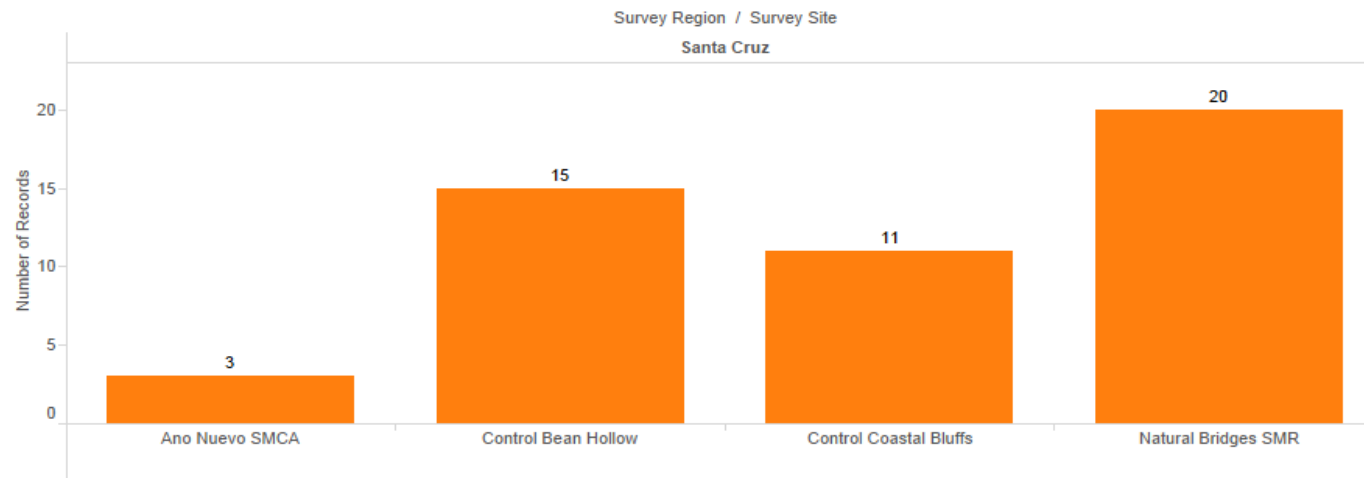
Total Activities

Measure Names

- Offshore Activities
- Onshore Activities - Bea..
- Onshore Activities - Roc..
- Total Boats - Consumpti..
- Total Boats - Non-Cons..



Surveys by Site



Survey Region

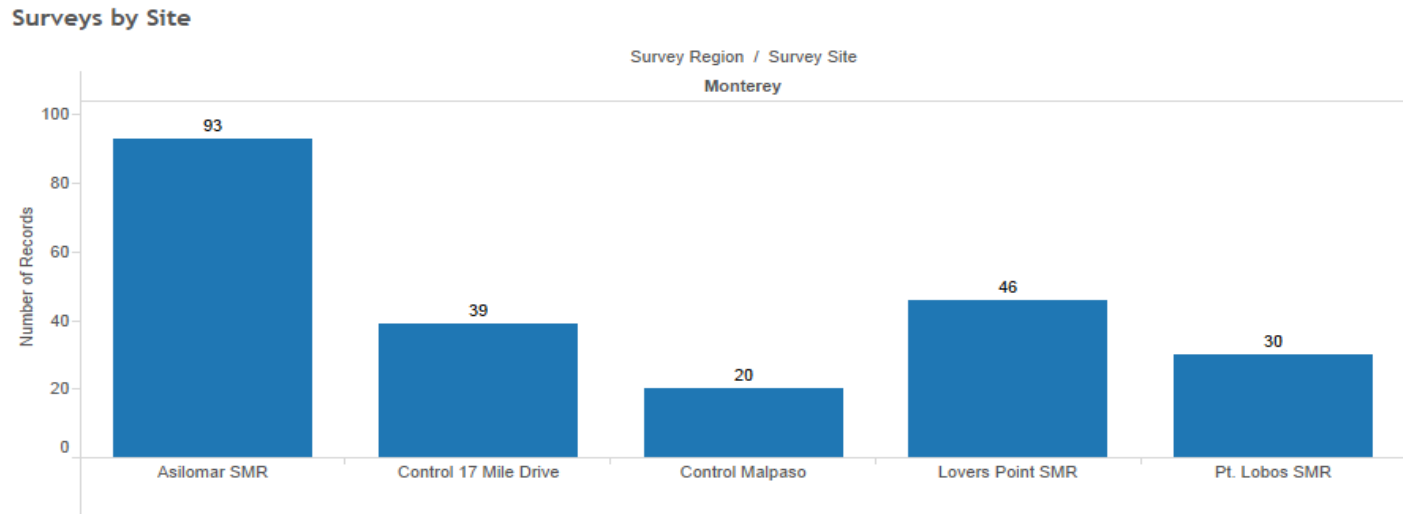
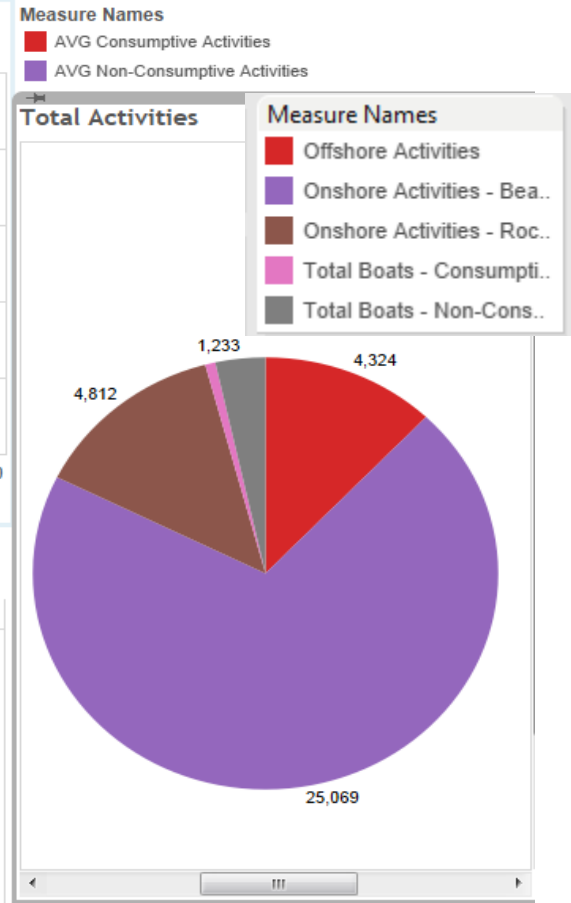
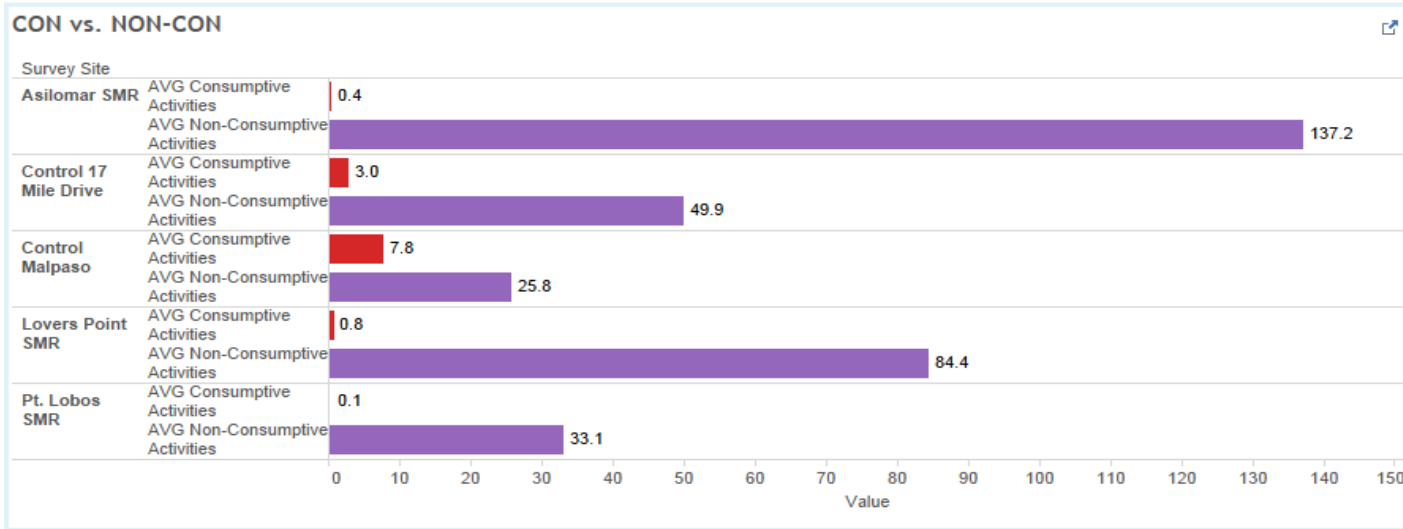
- Santa Cruz

MPA Watch Survey Data

Quarter 3

July 2015 - September 2015

All Monterey Sites



Survey Region
■ Monterey

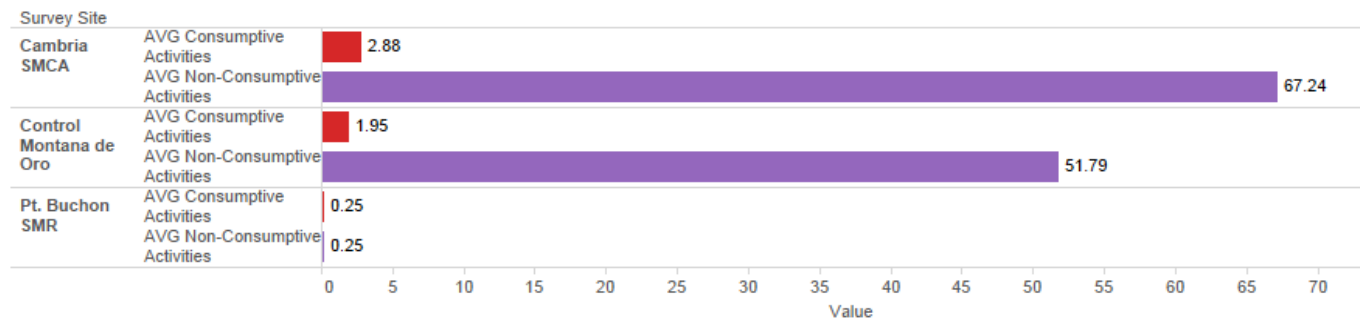
MPA Watch Survey Data

Quarter 3

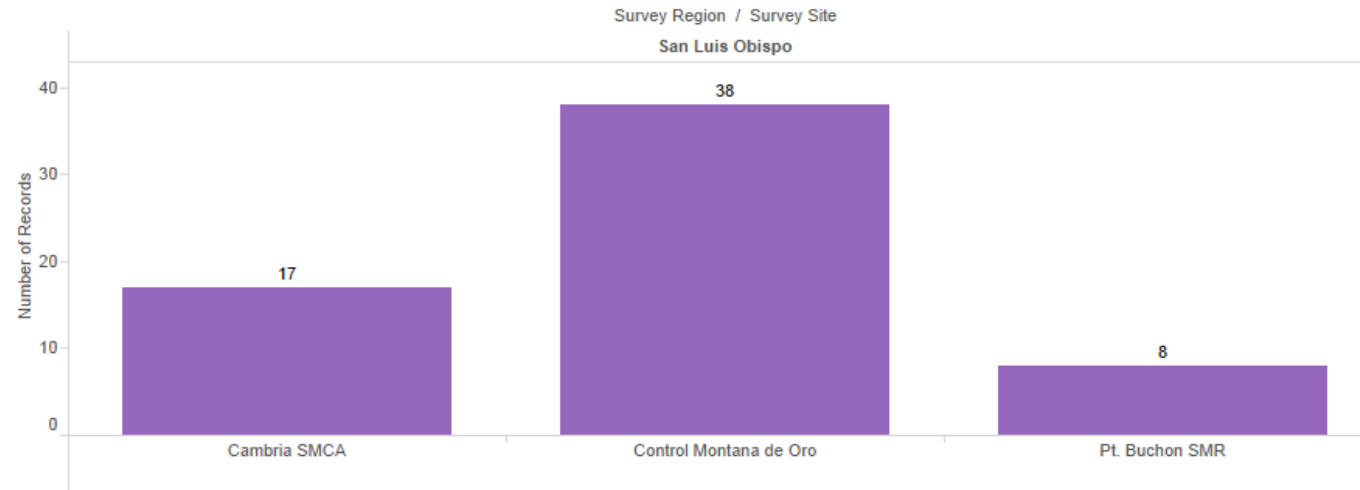
July 2015 - September 2015

All San Luis Obispo Sites

CON vs. NON-CON

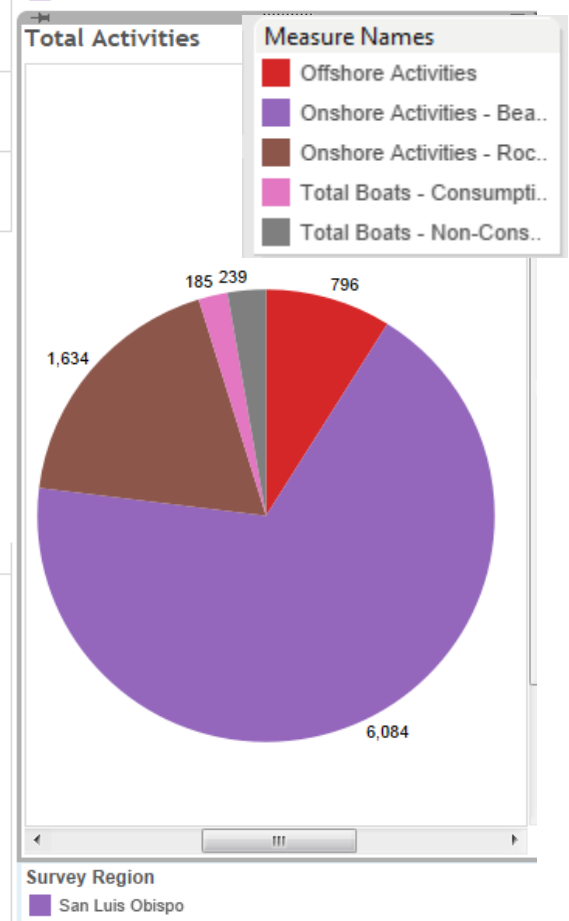


Surveys by Site



Measure Names

- AVG Consumptive Activities
- AVG Non-Consumptive Activities



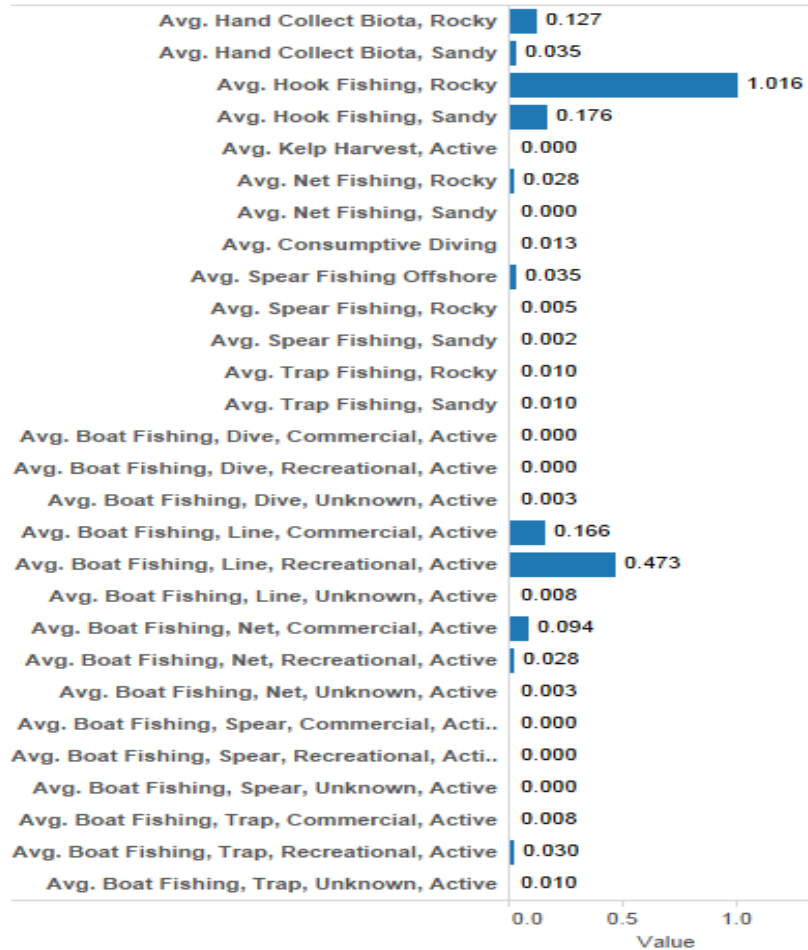
MPA Watch Survey Data

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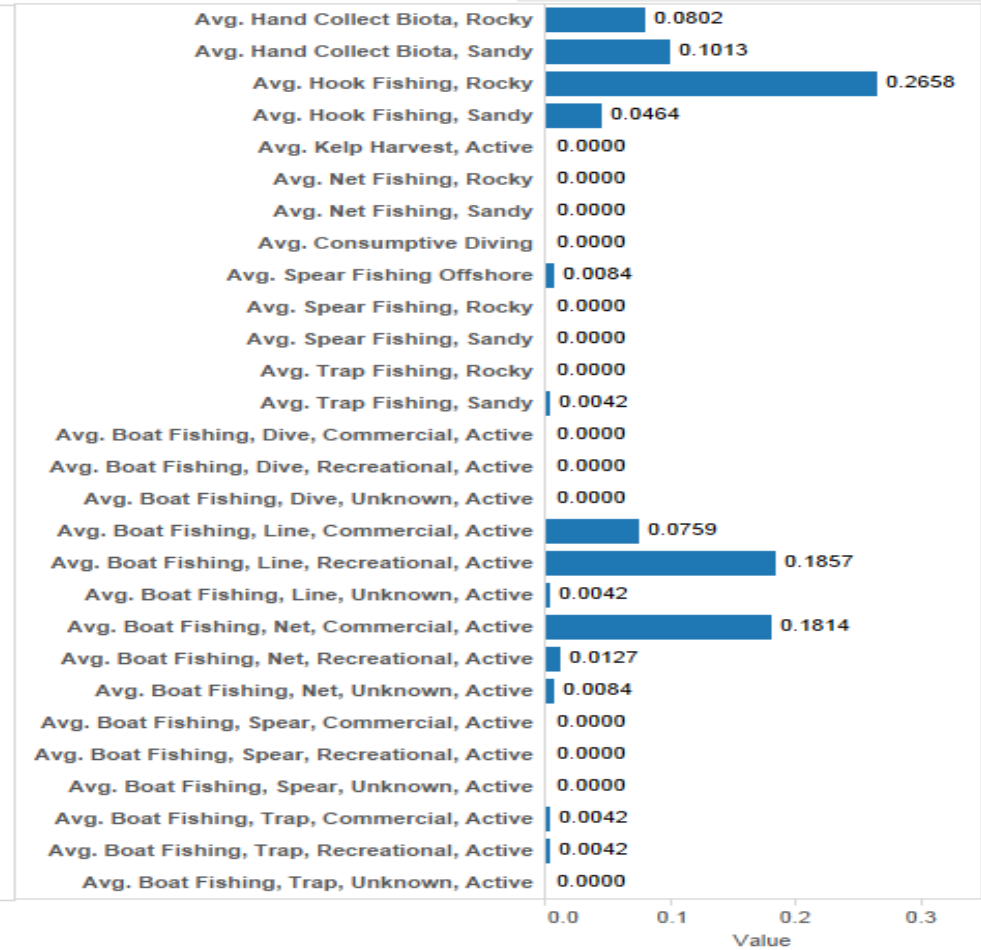
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Consumptive Trends: Reference vs. MPA

Total # Consumptive Activities Reference



Total # Consumptive Activities MPA



Reference sites: Bean Hollow, Coastal Bluffs, 17 Mile Drive, Malpaso, Montana de Oro

MPA sites: Ano Nuevo, Natural Bridges, Lovers Point, Asilomar, Pt. Lobos, Cambria, Pt. Buchon.