

The Otter Project

MPA Watch Survey Data

January 2015 – March 2015

Quarter 1

Total surveys to date: 6,043

Total surveys for this year: 429

Contributing volunteers this quarter: 56

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 are meant to inform the management, enforcement, and science 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, and education efforts; and build social capital.

Santa Cruz cumulative total: 1071 Santa Cruz total this year: 59 Bean Hollow: 20 Ano Nuevo: 9 Coastal Bluffs: 14 Natural Bridges: 16	Monterey cumulative total: 3197 Monterey total this year: 279 Lover's Point: 102 Asilomar: 71 17 Mile Drive: 39 Pt. Lobos: 44 Malpaso: 23	San Luis Obispo cumulative total: 1775 San Luis Obispo total this year: 91 Cambria: 16 Montana de Oro: 48 Pt. Buchon: 27
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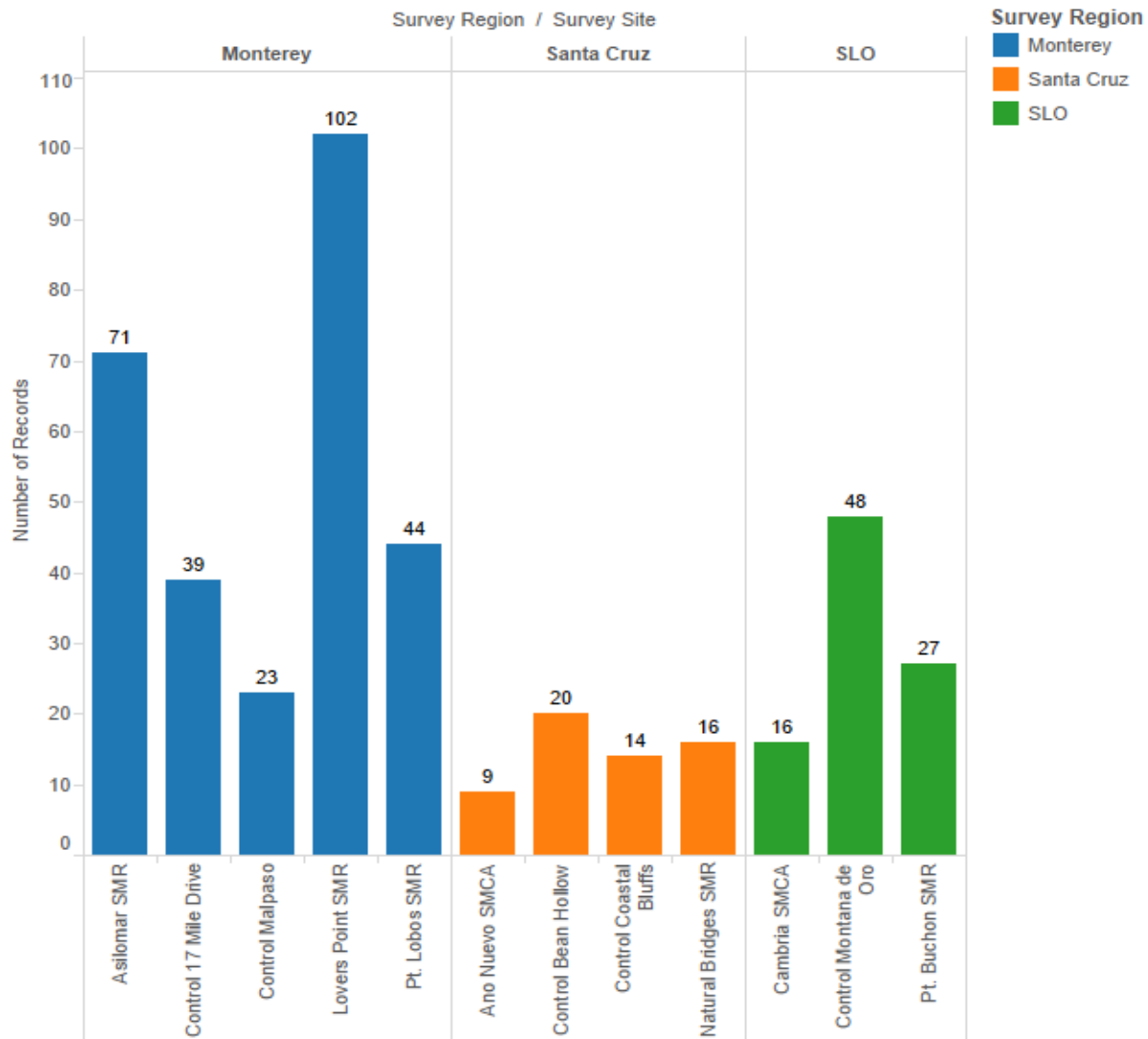
MPA Watch Survey Data

Quarter 1

January 2015 – March 2015

All Survey Sites

Surveys by Site



MPA Watch Survey Data

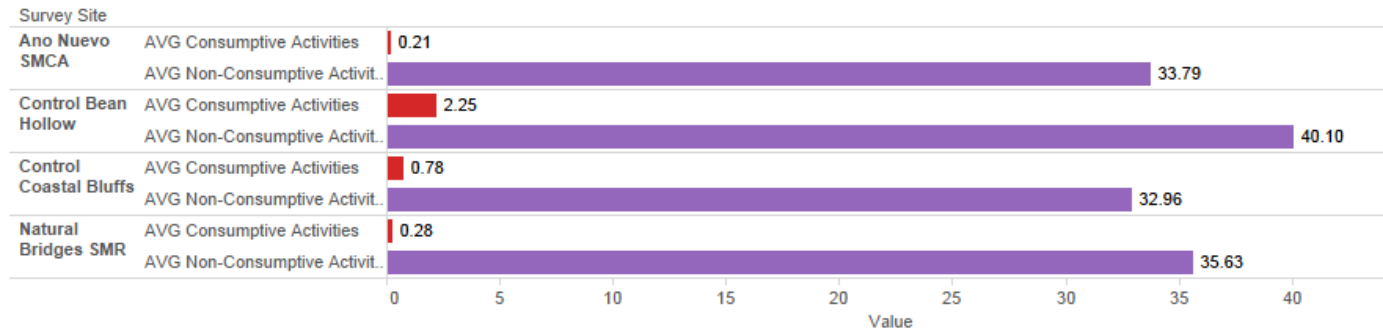
Quarter 1

January 2015 – March 2015

All Santa Cruz Sites



CON vs. NON-CON



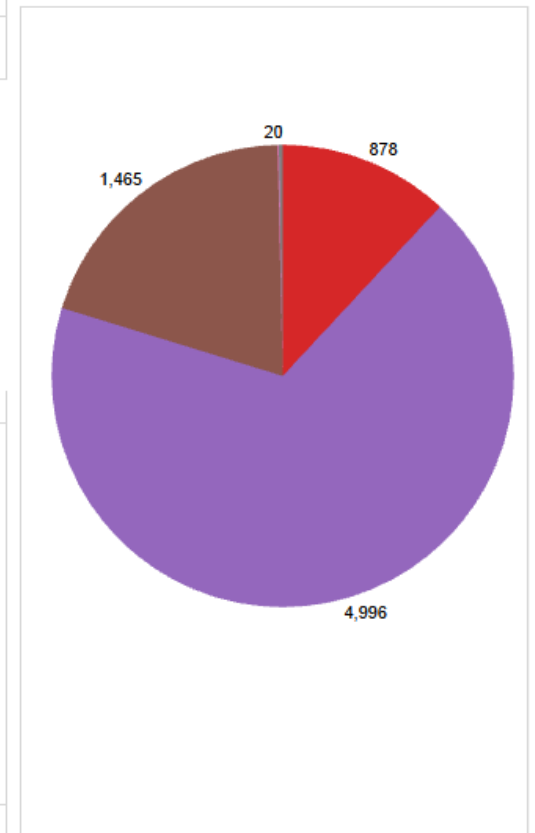
Survey Region

Santa Cruz

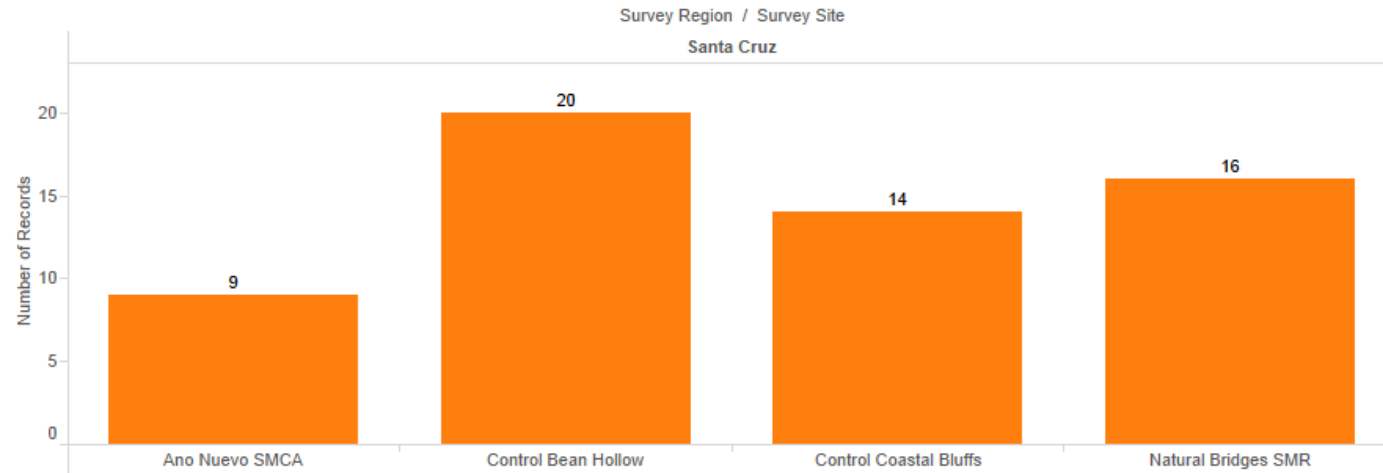
Measure Names

- AVG Consumptive Activities
- AVG Non-Consumptive Activities

Total Activities



Surveys by Site



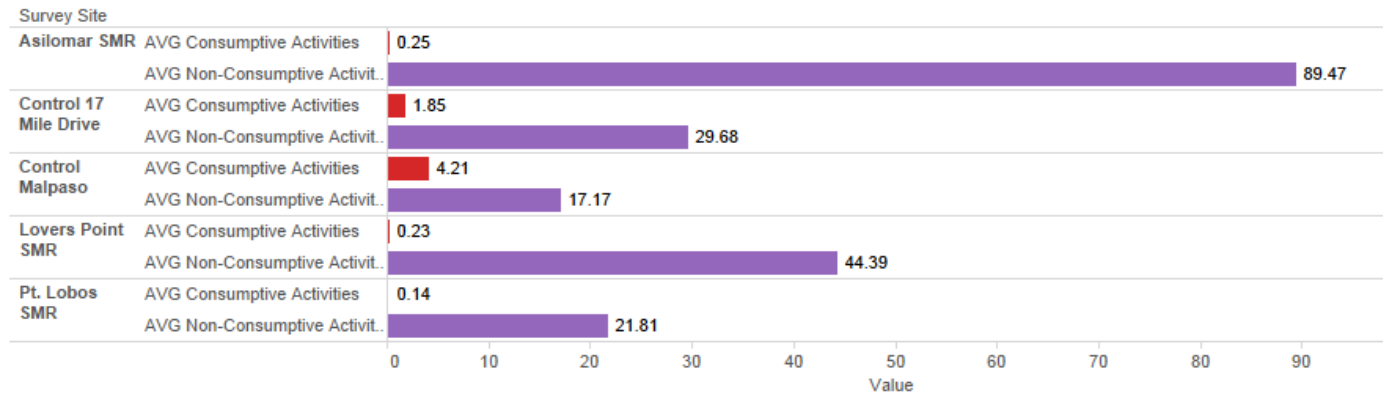
MPA Watch Survey Data

Quarter 1

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All Monterey Sites

CON vs. NON-CON

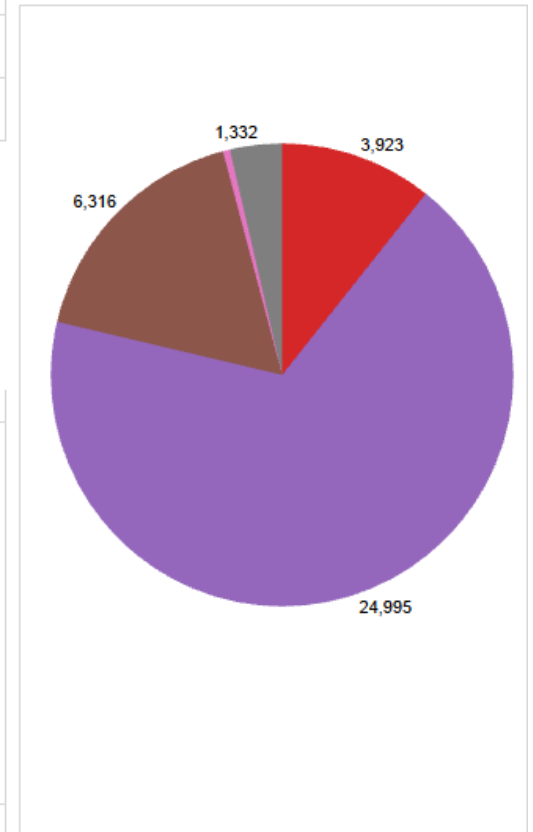


Survey Region
■ Monterey

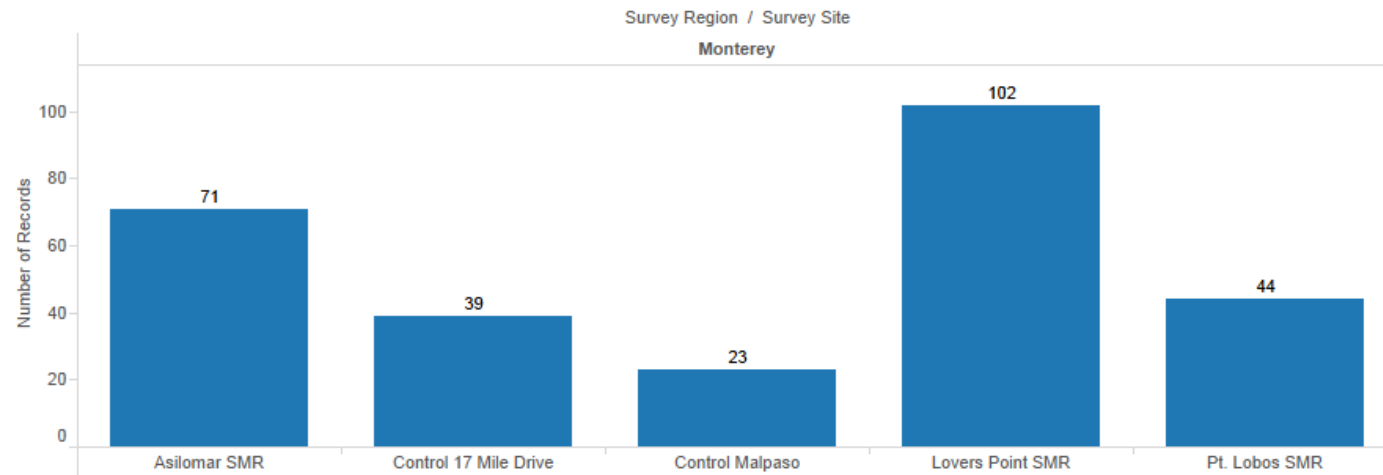
Measure Names

- AVG Consumptive Activities
- AVG Non-Consumptive Activities

Total Activities



Surveys by Site



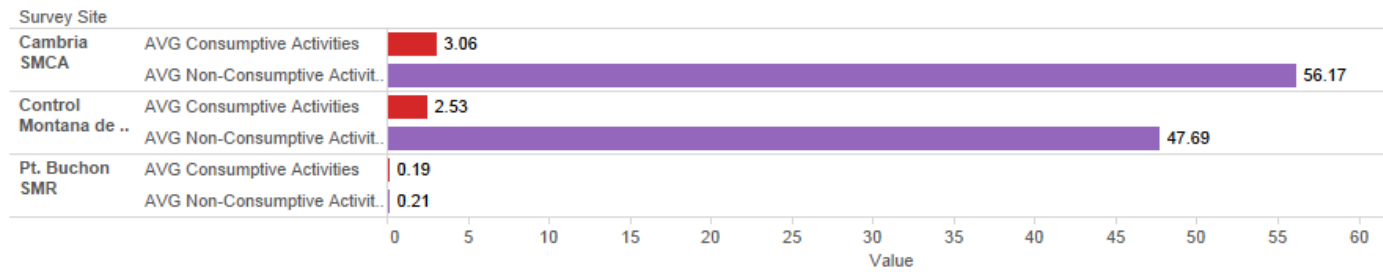
MPA Watch Survey Data

Quarter 1

January 2015 – March 2015

All San Luis Obispo Sites

CON vs. NON-CON



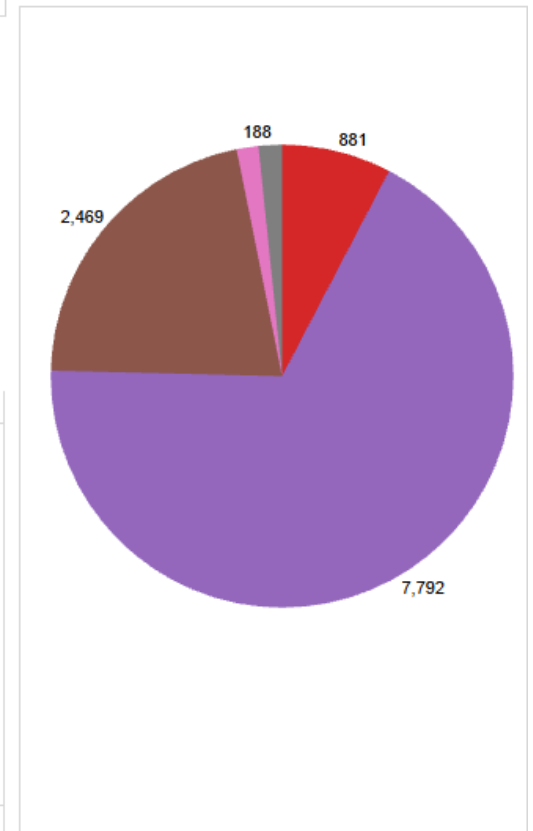
Survey Region

SLO

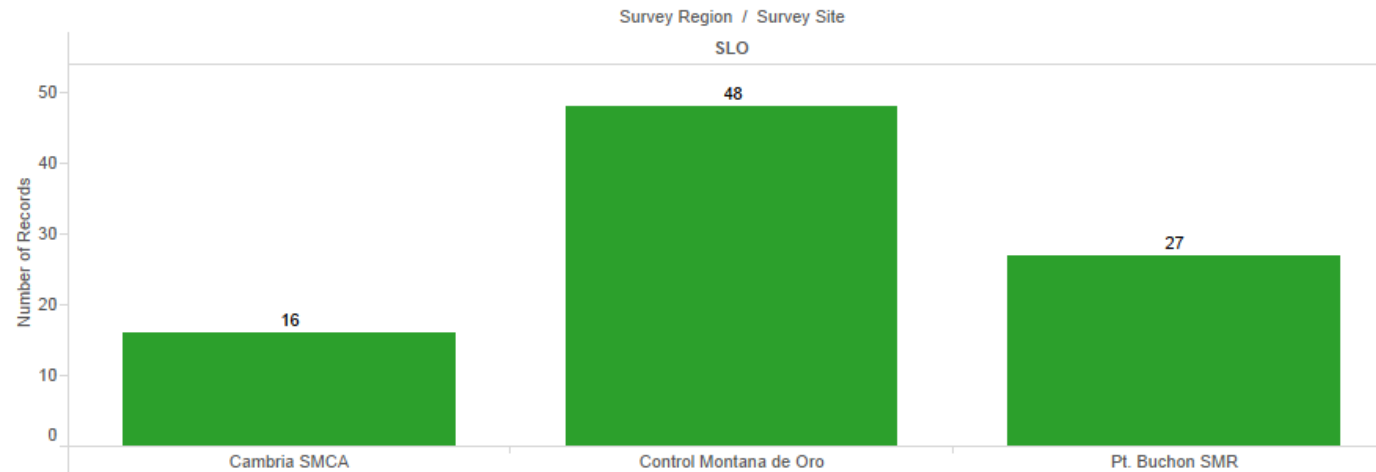
Measure Names

- AVG Consumptive Activities
- AVG Non-Consumptive Activities

Total Activities



Surveys by Site

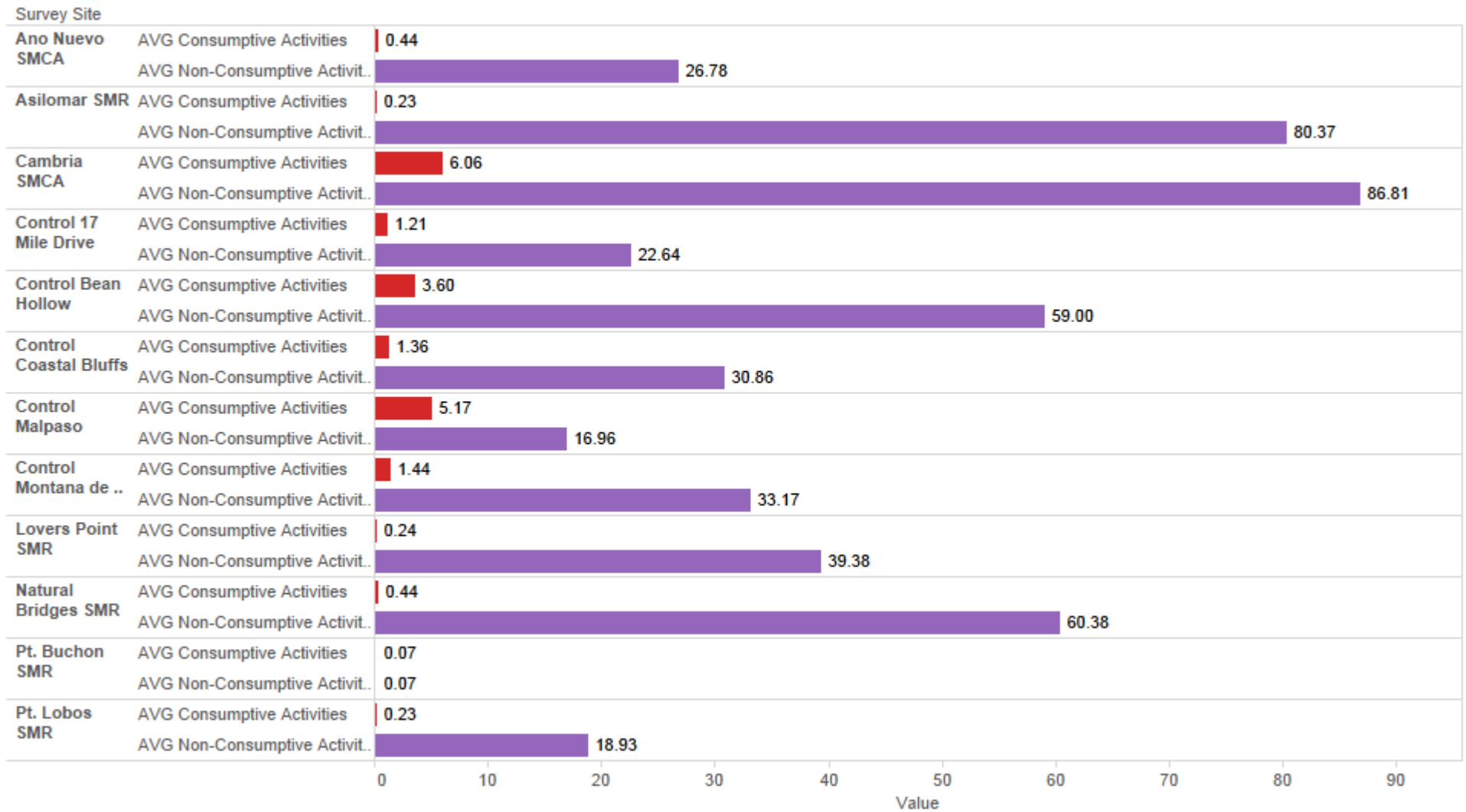


MPA Watch Survey Data

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All Survey Sites, Non-consumptive vs. Consumptive

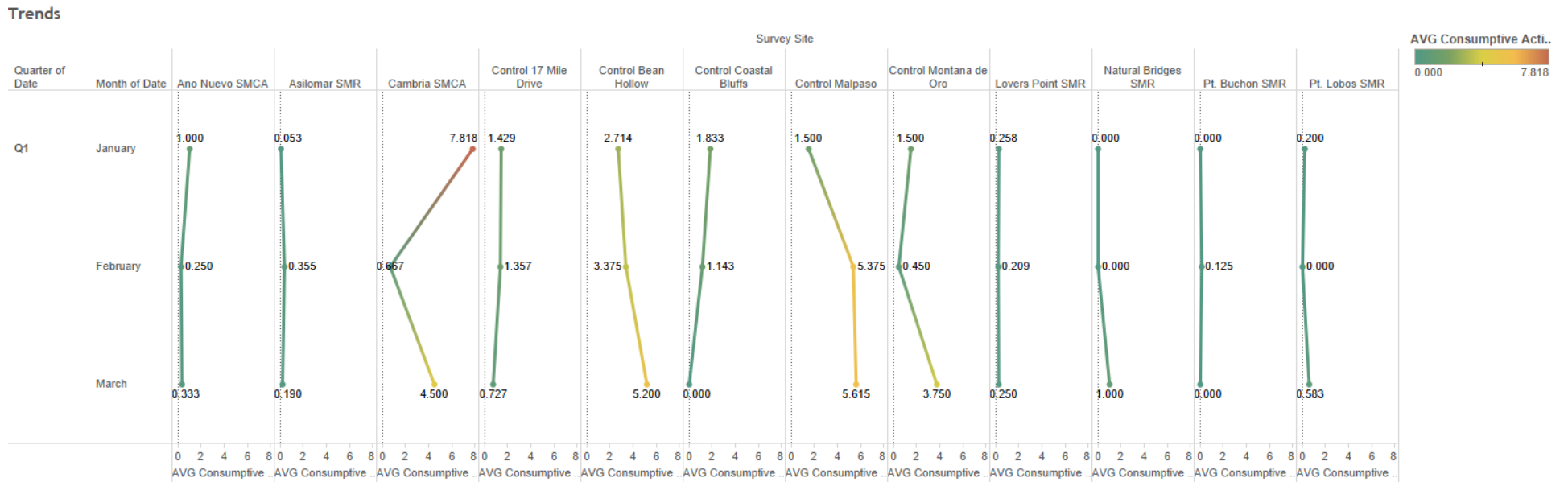


MPA Watch Survey Data

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All Reference Survey Sites, Consumptive Trends



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.