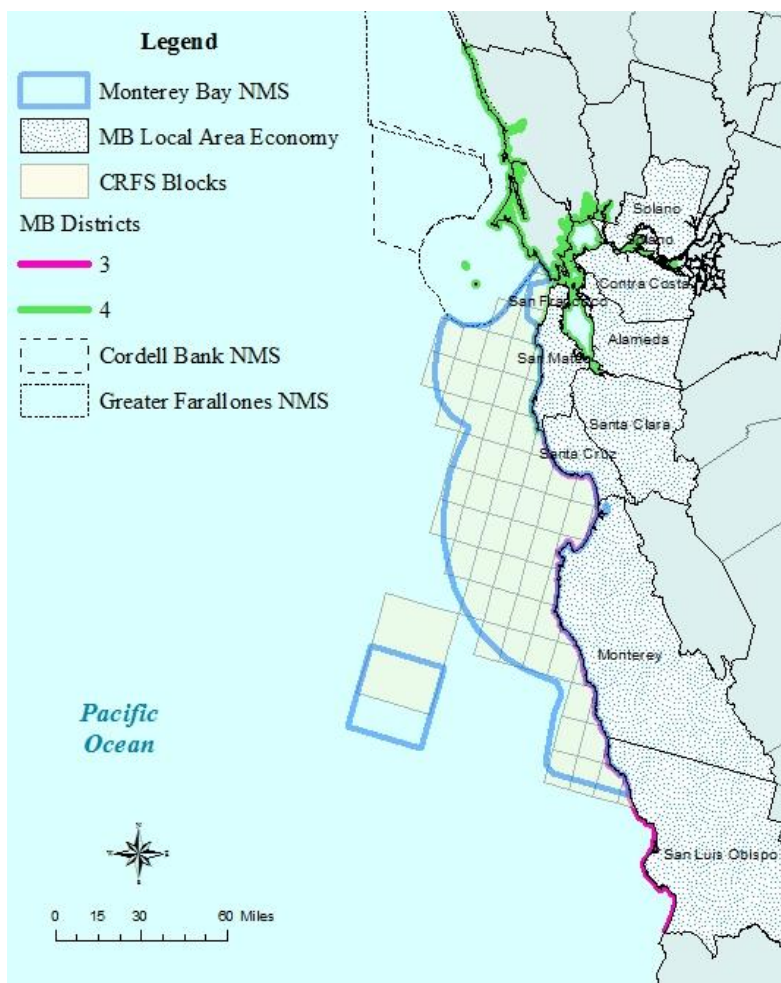


Monterey Bay National Marine Sanctuary

Person-Days of Recreational Fishing by Mode in Monterey Bay National Marine Sanctuary, 2010 - 2012

The Office of National Marine Sanctuaries has prepared the *Economic Impact of the Recreational Fisheries on Local County Economies in Monterey Bay National Marine Sanctuary 2010, 2011 and 2012*. This report estimates the total number of person-days by mode of access (e.g. shore, private-rental boat and commercial passenger fishing vessel (CPFV)), within Monterey Bay National Marine Sanctuary (MBNMS) using data from the State of California's Recreational Fishing Statistics Program (CRFS). These results were then used to estimate total economic impacts of recreational fishing within the sanctuary to the local economy.

Map of Monterey Bay National Marine Sanctuary



**Each year, from 2010 through 2012,
there were, on average...**



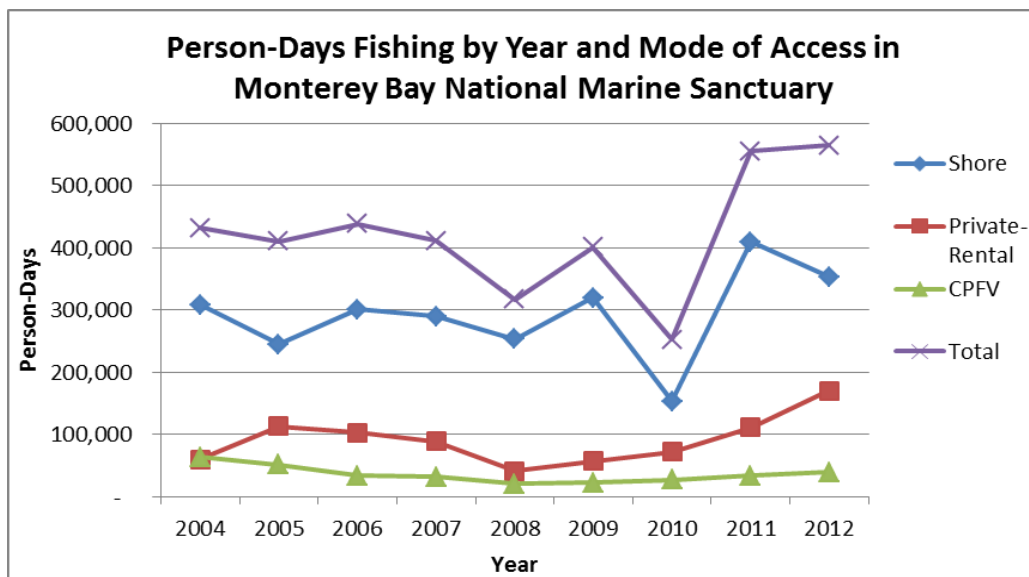
Photo Credit: Katie Holmes (Top),
Chad King, MBNMS (Bottom)

Person-Day Trends

The figure to the right shows the trends in person-days within MBNMS from 2004 through 2012, by mode of fishing and for total person-days. From 2004 through 2012 person-days of shore and private-rental boat fishing increased as did total person-days.

MBNMS is located within two CRFS districts: 3 and 4. On average each year, fishing in MBNMS accounted for **36.2% of the total person-days of recreational fishing from California Districts 3 and 4**, and **10.1% of the entire State of California's total recreational fishing effort**. Districts are defined by CRFS and are used to identify regions of fishing along the shoreline.

Recreational shore fishing accounted for an average of 32.3% of person-days, 49.3% of private-rental boat person-days and 42.6% of commercial passenger vehicle person-days of all the person-days in Districts 3 and 4. Shore fishing in MBNMS accounted for 8.9%, private-rental boat fishing for 17.9% and commercial passenger vehicle fishing for 7.6% of the total State of California's fishing effort by mode of access.



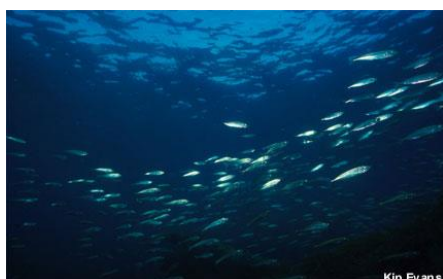
Number of Person-Days by Mode of Access, 2010-2012 and 3-year Average				
Mode of Access	2010	2011	2012	Average
Shore	153,064	409,412	353,737	305,405
% in MBNMS				32.3%
Private/rental Boating	71,983	111,376	170,640	118,000
% in MBNMS				49.3%
CPFV	27,375	34,120	39,918	33,804
% in MBNMS				42.6%
Total of All Modes	252,423	554,909	564,296	457,209
% in MBNMS				36.2%

The percentages in the Table above are the percent of marine recreational fishing person-days that occur within the MBNMS when compared to all the person-days that occur within CRFS Districts 3 and 4.

More Information: A complete copy of the report is available at: <http://sanctuaries.noaa.gov/science/socioeconomic/montereybay/pdfs/mbnms-rec-report.pdf>

Dr. Vernon R. (Bob) Leeworthy
Chief Economist
Office of National Marine Sanctuaries
Bob.leeworthy@noaa.gov

Dr. Danielle Schwarzmann
Economist
Office of National Marine Sanctuaries
Danielle.schwarzmann@noaa.gov



Kip Evans

Definitions of Key Terms (adapted from RecFin, 2014)

Person-Days –The number of days (not trips) a person fishes.

Commercial Passenger Fishing Vessel (CPFV) –There are two categories. The first is a charter boat, which operates under charter for a specified price, time, etc. A party boat is a boat on which fishing space and privilege are provided for a fee per angler.

Private-Rental Fishing –A private boat is defined as belonging to an individual; it is neither for rent nor for transporting paying passengers. A rental boat is defined as a boat that is rented without crew or a guide; it does not transport paying passengers.

Shore Mode Fishing –Fishing accessed on beaches, banks and man-made structures.