National Marine Fisheries Service, Southwest Fisheries Science Center
Fisheries Resource Division, 8901 La Jolla Shores Dr., La Jolla CA 92037

2013 California Marine Recreational Fishing Trip Effort and Preliminary Economic Impact Estimates

This document provides preliminary estimates using the best available data on fishing effort and related trip economic impacts for marine recreational fishing trips originating in California. Estimates are of economic impacts to California from marine recreational fishing trips originating in each district. Final official estimates to be released in the Fishery Economics of the US. Economic impacts exclude those from durable expenditures.

2013 Economic Impact to the State of California by Fishing Mode and District[1]

Impact Category	District 1 South SD-LA	District 2 Channel VEN-SB	District 3 Central SLO-SCR	District 4 Bay Area SM-MRN	District 5 Wine SON-MEN	District 6 Redwood HUM-DN	California State Total
Effort (Angler Days):							
Party/Charter Boat	532,000	78,000	46,000	84,000	11,000	10,000	761,000
Private/Rental Boat	302,000	43,000	155,000	160,000	45,000	92,000	798,000
Shore	2,536,000	445,000	491,000	489,000	50,000	103,000	4,113,000
Employment (Jobs):							
Party/Charter Boat	1,537	226	133	242	32	30	2,200
Private/Rental Boat	268	38	138	142	40	82	708
Shore	1,145	201	222	221	23	46	1,858
Expenditures ($):							
Party/Charter Boat	119,401,000	17,563,000	10,352,000	18,787,000	2,489,000	2,344,000	170,936,000
Private/Rental Boat	36,085,000	5,127,000	18,578,000	19,165,000	5,371,000	11,025,000	95,351,000
Shore	161,689,000	28,374,000	31,278,000	31,194,000	3,184,000	6,550,000	262,270,000
Sales ($):							
Party/Charter Boat	222,707,000	32,758,000	19,308,000	35,042,000	4,643,000	4,373,000	318,831,000
Private/Rental Boat	47,754,000	6,785,000	24,585,000	25,363,000	7,107,000	14,590,000	126,185,000
Shore	180,610,000	31,695,000	34,939,000	34,844,000	3,557,000	7,316,000	292,960,000

[1] Impact multipliers are preliminary and based on CPI adjusted 2012 impact and resident / non-resident ratio figures held constant across CRFS regions (http://www.st.nmfs.noaa.gov/economics/publications/feus/fisheries_economics_2012). **Effort** is the number of **angler days** spent marine recreational fishing (including partial days). **Employment** impacts are measured in number of **jobs**, which includes both part-time and full-time jobs. **Expenditures** are equal to direct trip costs. **Sales** are the gross sales by businesses within the economic region affected by an activity. Angler days, expenditures and sales estimates are truncated in thousands. Effort estimates are available at http://www.recfin.org/, and http://www.pcouncil.org/salmon/. Non-US effort estimates for Party/Charter Boat mode account for 28.5% of District 1 Party/Charter angler days; estimates calculated with 2013 CDFG CPFV Logbook data adjusted for incomplete and late submissions. Estimates are preliminary; state level estimates are forthcoming. Private/Rental Boat mode estimates do not include non-US waters effort.

Direct comments and questions to James Hilger at james.hilger@noaa.gov. Version: 9/1/2014

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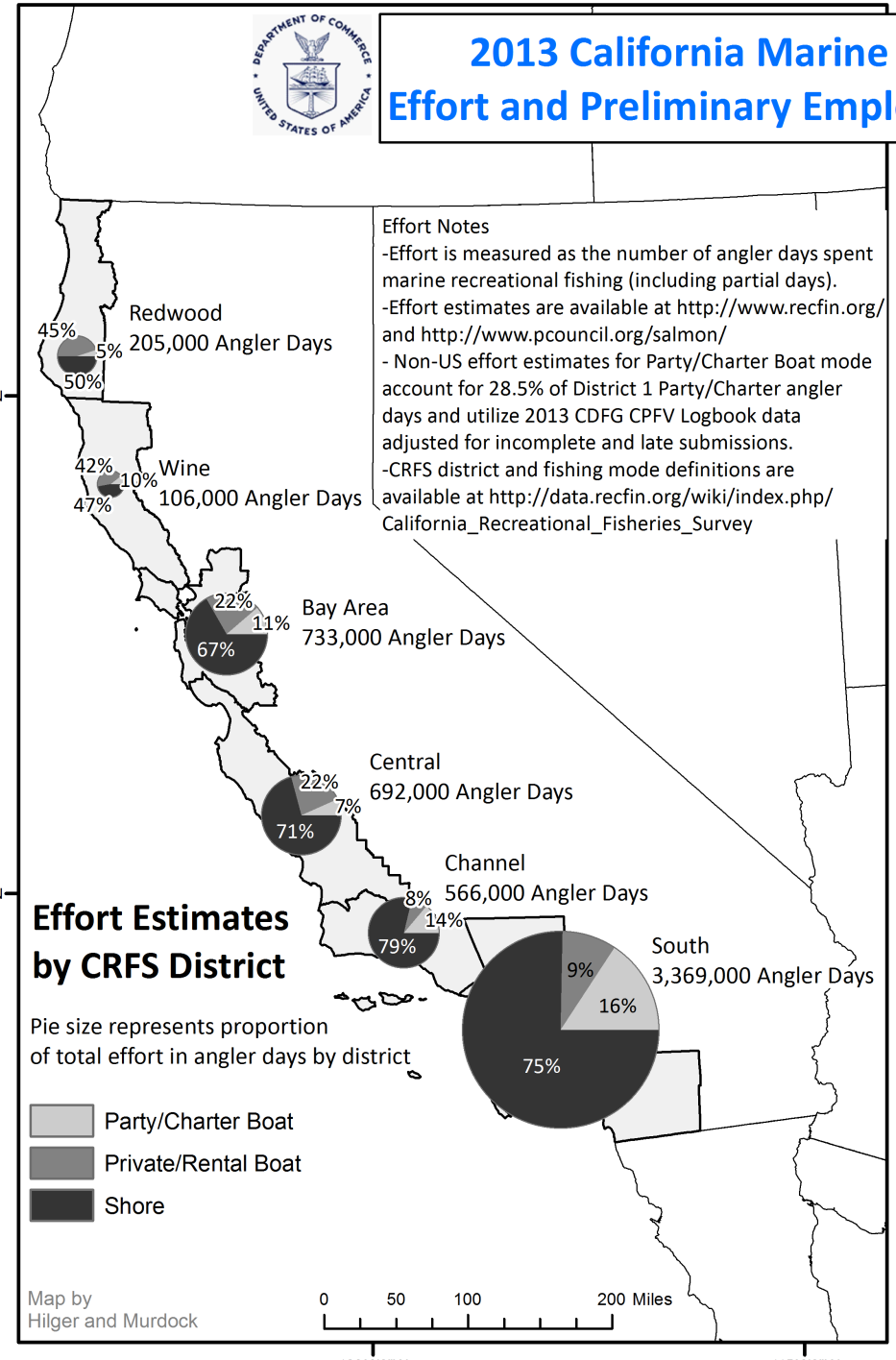


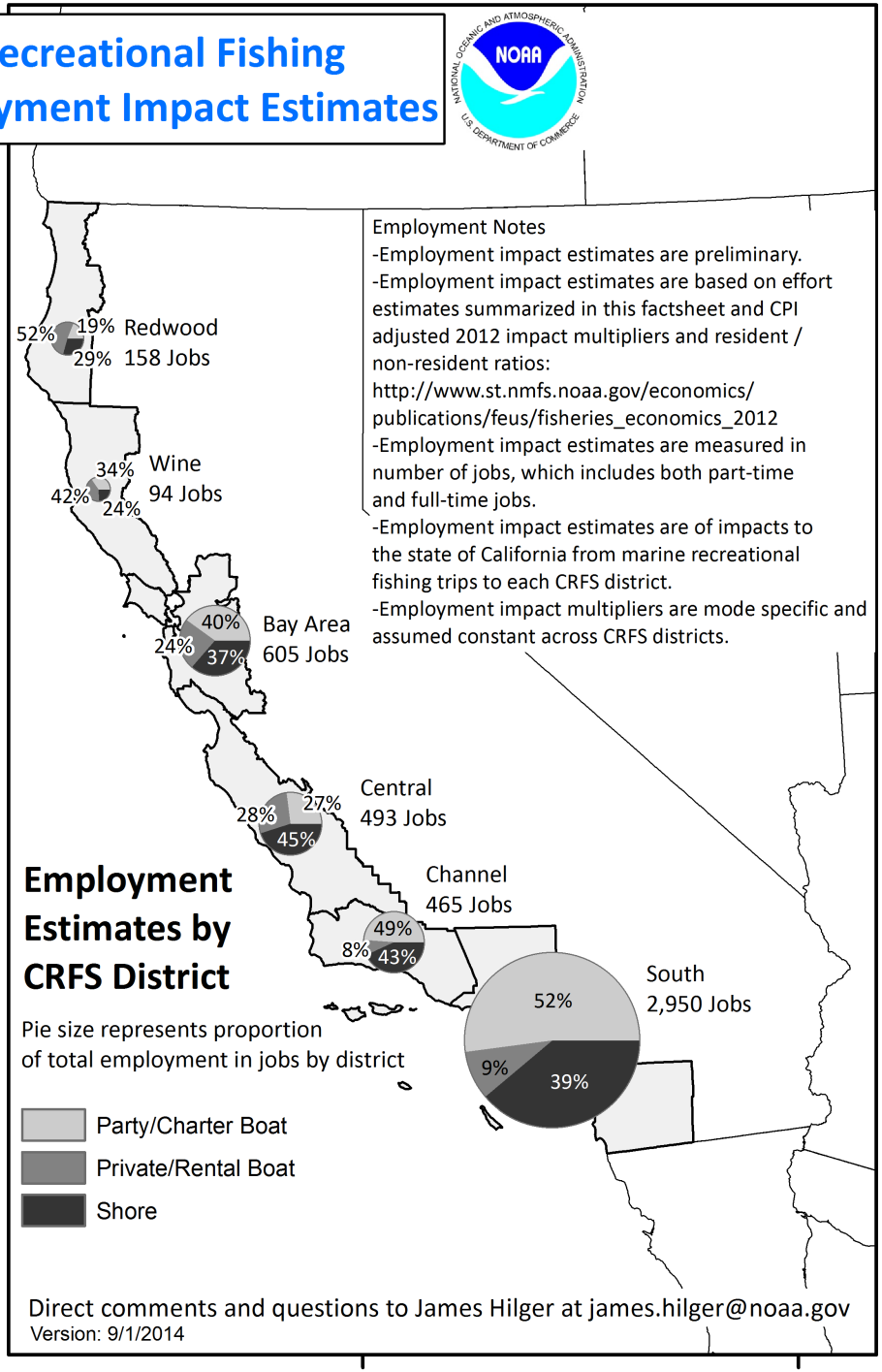
Effort Notes

-Effort is measured as the number of angler days spent marine recreational fishing (including partial days).

-Effort estimates are available at http://www.recfin.org/ and http://www.pcouncil.org/salmon/

- Non-US effort estimates for Party/Charter Boat mode account for 28.5% of District 1 Party/Charter angler days and utilize 2013 CDFG CPFV Logbook data adjusted for incomplete and late submissions.

-CRFS district and fishing mode definitions are available at http://data.recfin.org/wiki/index.php/California_Recreational_Fisheries_Survey



Employment Notes

-Employment impact estimates are preliminary.

-Employment impact estimates are based on effort estimates summarized in this factsheet and CPI adjusted 2012 impact multipliers and resident / non-resident ratios: http://www.st.nmfs.noaa.gov/economics/publications/feus/fisheries_economics_2012

-Employment impact estimates are measured in number of jobs, which includes both part-time and full-time jobs.

-Employment impact estimates are of impacts to the state of California from marine recreational fishing trips to each CRFS district.

-Employment impact multipliers are mode specific and assumed constant across CRFS districts.

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