

# CDFW Hatcheries; Fulfilling A Commitment

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The Mission of the Department of Fish and Wildlife is to manage California's diverse fish, wildlife, and plant resources, and the habitats upon which they depend, for their ecological values and for their use and enjoyment by the public.



# Hatchery's Commitments

- The Angler!!!!
- The Ecosystems
- Mitigation
- Tribal
- Economy / Commercial
- Fish
- Future

# California Hatcheries

- \* 21 Total Hatcheries
- \* 13 Trout
- \* 8 Anadromous



# Trout & Inland Salmon Produced

- 10 Year average we produced 3.5 Million Pounds / 11 Million individual trout and inland salmon per year.
- Total of 7,725 plants since January 2016.
- 670 Total waters to date / 850 total approved waters waters CDFW stocks.
- 8 Inland Kokanee / Chinook waters



# Salmon and Steelhead Produced

- 35 Million anadromous fish per year (Chinook, Coho, Steelhead)



# Species in the System

- RT- Pit River
- RT- Coleman
- RT- Shasta
- RT- Hoffer
- RT- Hot Creek WY
- RT- Kamloops/Junction Reservoir
- RT-WVPR West Virginia
- RT-Eagle Lake

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# Species in the System

- BN- Browns
- BK- Brooks
- RT-RB- McCloud River Red Bands
- LCT- I- Lahontan Cutthroat
- KOK- Kokanee
- CHIN- Chinook
- RT-KR- Kern River Rainbow Trout
- RT-SH- Steelhead
- GT- Golden Trout

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# Native and Heritage Trout

- McCloud River Red Band
- Lahonton Cutthroat
- Kern River Rainbow Trout
- California Golden Trout
- Eagle Lake Trout



# Native and Threatened Anadromous

- 6 Fall Run Chinook
- 7 Steelhead Runs of which 3 are threatened
- 2 Threatened Spring Chinook Runs
- 3 Threatened Coho Runs

Hatchery	Program	Threatened?
MOK	Fall Run CHIN	no
	SH (Central Valley)	yes
MER	Fall Run CHIN	no
SCARF	Spring Run CHIN (Central Valley)	yes
NIM	Fall Run CHIN	no
	SH	no
FRH	Spring Run CHIN (Central Valley)	yes
	Fall Run CHIN	no
	SH (Central Valley)	yes
WSH	Coho (Central CA Coast)	yes
	SH (Central CA Coast)	yes
TRH	Coho	yes
	Fall Run CHIN	no
	SH	no
IGH	Coho (So OR/No CA Coast= SONCC)	yes
	SH	no
	Fall run CHIN	no
MAD	SH	no

# What does this mean for state and local economies?

- 2011 Sport fishing in California Retail sales \$2,393,961,476, \$4,580,356,969 after Ripple effect
- Created 35,748 Jobs statewide
- \$334,401,009 in state and local tax revenue [http://www.nmfs.noaa.gov/stories/2017/04/05\\_feus\\_sos\\_reports.html](http://www.nmfs.noaa.gov/stories/2017/04/05_feus_sos_reports.html)
- Each salmon caught in-river in 2013 had an economic impact of approximately \$1,176 for California in terms of jobs, sales, gross regional product, and ripple effects to the economy. Each recreationally caught ocean salmon in 2013 had an economic impact of approximately \$281 for the state. Comparatively, each commercially caught salmon had an economic impact of \$151

# Kids Fishing Day

With Help From Wild Trout

- Numerous Kids Fishing Day Events
- Mount Shasta Hatchery



# Classroom Aquatic Education Programs

With Help From Wild Trout

- 1200 Classes Statewide
- Trout and Salmon



# Fairs, Expos, and Festivals

With Help From Wild Trout

- Attend most fairs, expos, and festivals.



# What Does All This Mean??

