

Coastal Dungeness Crab 2021-2022 Season Review

August 31, 2022



Topics

- Season opening summary
- State and tribal catch-to-date
- State-Quinault
 - Fish ticket revisions
 - Inseason changes
 - Current catch and projected final sharing
 - What to expect for 2022-2023





Season Opening Summary



2021-2022 Season Opening

- Nov. 13 meat recovery: Westport 26.3%; Long Beach @ 25.1%
- Nov. 22: QIN open
- Dec.1: State open south of Klipsan to Point Arena, CA
- Jan. 11: State open north of Klipsan to DI
- Jan. 15: State open DI to U.S./Canada border.





Catch Update

STATE LANDINGS

	59A1	59A2	60A1	60A2	60B	60C	60D	61	TOTAL
NOV									
DEC				2,341,076		605,063	43,267	1,631,047	4,620,453
JAN	167,678	115,035	1,867,752	4,555,380	16,266	202,756	16,113	410,895	7,351,875
FEB	270,281	66,068	511,296	848,145	21,034	56,158	4,520	130,883	1,908,385
MARCH	56,343	30,614	160,771	327,139	17,765	31,702	3,664	48,025	676,023
APRIL	16,761	24,509	66,610	115,269	15,528	8,687	1,409	12,404	261,177
MAY	20,108	19,628	33,977	57,733	16,825	2,075		7,751	158,097
JUNE	7,761	11,288	20,526	44,809	16,001			3,271	103,656
JULY	142	6,265	21,539	38,569	10,162			2,266	78,943
AUG	150	1,618	13,750	35,776	8,670			1,211	61,175
SEPT									
TOTAL	539,224	275,025	2,696,221	8,363,896	122,251	906,441	68,973	2,247,753	15,219,784

State thru 8/28/22

TOTAL FOR ALL CATCH AREAS ALL TRIBES 3,469,524

TOTAL STATE AND TRIBAL LANDINGS 18,689,308

TOTAL STATE FISHERY VALUE \$87,907,350



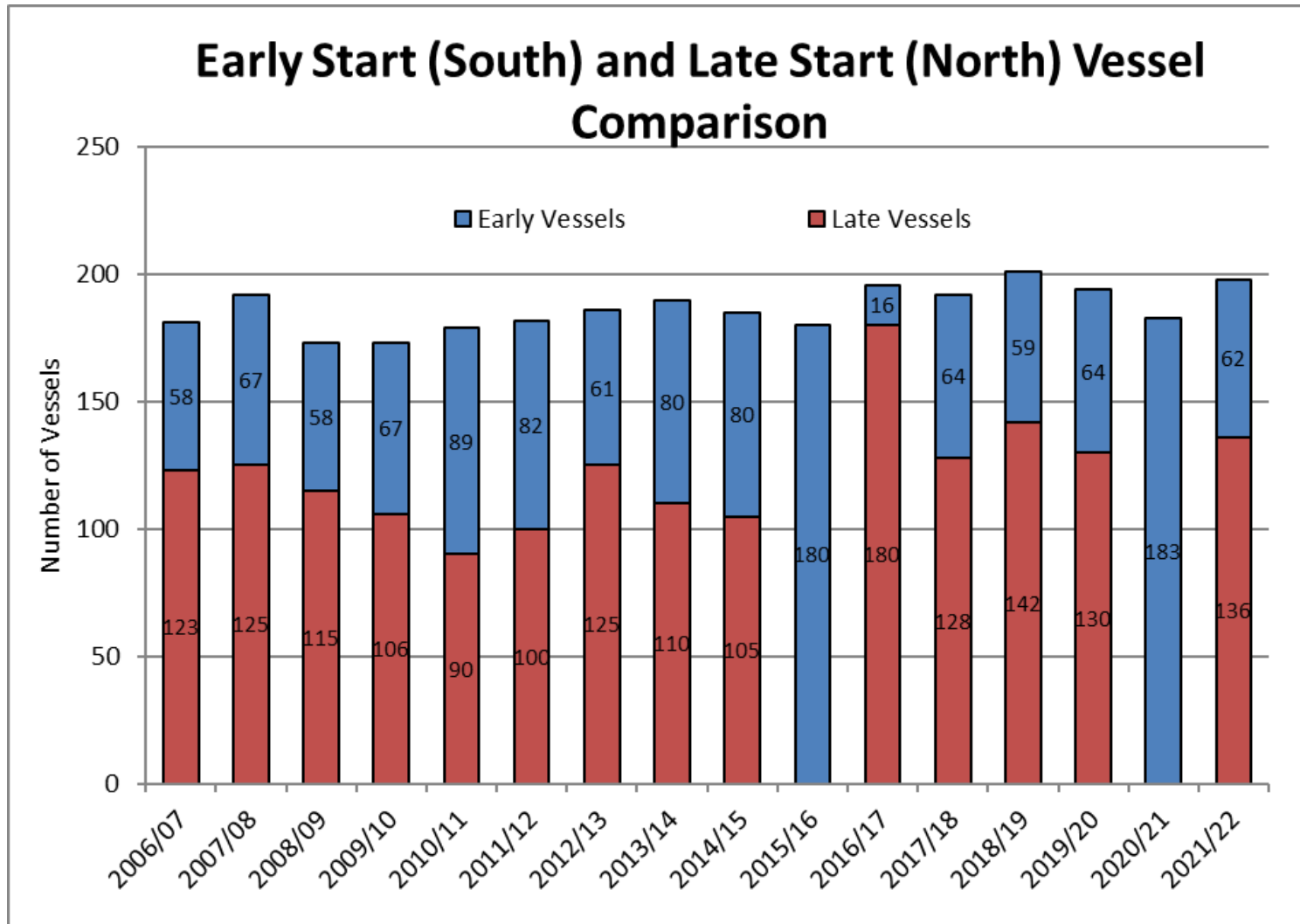
State and Tribal Coastal Dungeness Catch North of Point Chehalis (Areas 59A1, 59A2, 60A1, and 60B)

Season	State		Tribal		Total Catch
	Catch	Percent	Catch	Percent	
2006-07	5,433,372	67%	2,711,368	33%	8,144,740
2007-08	5,598,059	64%	3,141,517	36%	8,739,576
2008-09	2,431,181	55%	2,015,772	45%	4,446,953
2009-10	4,066,410	53%	3,632,810	47%	7,699,220
2010-11	5,645,484	53%	5,047,613	47%	10,693,097
2011-12	2,287,846	51%	2,174,407	49%	4,462,253
2012-13	4,814,541	51%	4,564,300	49%	9,378,841
2013-14	1,341,212	39%	2,083,201	61%	3,424,413
2014-15	1,119,140	39%	1,748,579	61%	2,867,719
2015-16	1,884,731	50%	1,880,035	50%	3,764,766
2016-17	4,445,413	55%	3,703,033	45%	8,148,446
2017-18	2,594,859	49%	2,647,806	51%	5,242,665
2018-19	2,929,193	48%	3,118,471	52%	6,047,664
2019-20	1,747,288	49%	1,785,763	51%	3,533,051
2020-21	2,224,591	47%	2,510,892	53%	4,735,483
2021-22	3,632,721	51%	3,469,524	49%	7,102,245

Updated: 8/28/2022



Early – Late Vessels





State – Quinault Harvest Sharing

State Quinault Harvest Sharing

August 28, 2022

CATCH SHARING

	59A-2	60A-1	60B	Total
QIN	225,253	3,049,357	29,868	3,304,478
STATE	275,025	2,696,221	122,251	3,093,497
TOTAL	500,278	5,745,578	152,119	6,397,975
QIN	45%	53%	19.6%	51.6%
STATE	55%	47%	80.4%	48.4%



Historic Harvest Sharing

Season	FINAL Difference Between State and QIN (-state landed more)	FINAL State Final Catch Share	FINAL QIN Final Catch Share
2020/21	282,525	47%	53%
2019/20	84,648	49%	51%
2018/19	292,356	47%	53%
2017/18	87,623	49%	51%
2016/17	-861,334	57%	43%
2015/16	-60,176	51%	49%
2014/15	507,234	41%	59%
2013/14	686,018	40%	60%
2012/13	-450,123	53%	47%
2011/12	-224,587	53%	47%
total	344,184		
average	34,418	49%	51%





Early Season Projections

- We knew early on that 2021-2022 would be a high abundance season
- Landings in the first 30 days were the highest they've been since 2012-2013
- We know that in high abundance seasons the state is likely to catch more than 50%





Fish Ticket Changes

Catch Area	Original	Revised
59A1		72,352
59A2		13,088
60A1	985,604	251,943
60A2	300,467	950,566
60B	2,599	721
Total	1,288,670	1,288,670



Actual State-QIN Sharing

February 4th	State	QIN
Original	47.4%	52.6%
Revised	42.5%	57.5%
August 19th		
Original	51.8%	48.2%
Revised	48.3%	51.7%





WDFW Coastal Dungeness Crab Fish Ticket and Logbook Areas



Inseason management

Inseason management principles

- Early check-ins so that measures can be implemented early enough to be effective
- Consideration for meaningful measures in line with imbalances in harvest sharing
- Considered management measures for two primary reasons:
 - Actual end of season harvest sharing in previous high abundance seasons such as 2016-2017 and 2012-2013 which appear to be most similar to this season and shows the state could exceed 50 percent at the end of the season
 - Uncertainty in state catch data due to the unusually high number of fish ticket changes in state-QIN co-managed areas





In-season Action - March

Starting March 4, 2022, WDFW modified the QIN SMA (adding 70 sq miles) by;

- Moving the southern boundary approximately 2 miles south,
- Maintaining the northern boundary at Raft River,
- Extending the western boundary to 30 fathoms.





Continued Check-Ins

- Review catch and sharing in March and April
- Potential adjustments based on actual catch data
- No additional inseason changes were made
- Uncertainty in state catch data due to the unusually high number of fish ticket changes in state-QIN co-managed areas



Impacts to 2022-2023 State-QIN Discussions

- Catch data is fundamental to harvest sharing responsibilities
- WDFW does not change fish tickets, but we do check for errors and inconsistencies
- Ongoing investigation
- QIN has requested a formal report
 - What is the actual catch???
- Discussion elevated to the Director
- Unsure what Quinault's response will be



Questions?

