

Timeliness of Recreational Data in Washington/Oregon Marine Recreational Fisheries

Corey Niles (WDFW)

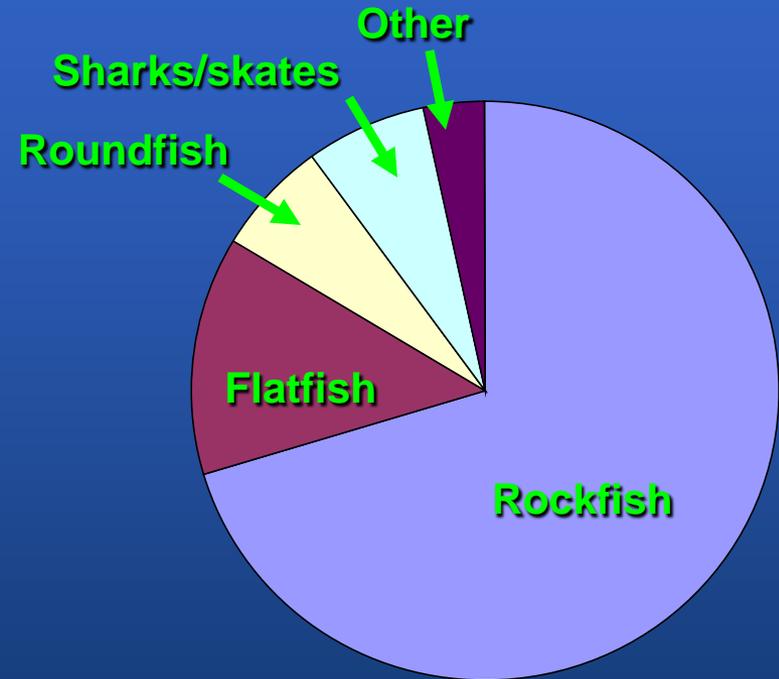
Lynn Mattes (ODFW)

MRIP Data Timeliness Workshop
March 15-16, 2011
St. Petersburg, FL



WA/OR Recreational Finfish Fisheries

- Groundfish (90+ species in FMP)
 - Black, blue, quillback, China, copper, brown, and grass RF
 - Cabezon
 - Kelp and rock greenling
 - **Canary and yelloweye RF***
- Pacific halibut (not a groundfish)
- Salmon
 - Coho and Chinook
- Tuna
 - Albacore



Examples from Three Fisheries

- Pacific halibut
 - Central Oregon spring all-depth fishery
- Salmon
 - Washington Salmon
- Bottomfish
 - WA/OR year-round fishery

WA/OR Sport Halibut

- Managed via a Catch Sharing Plan
 - Each sector (commercial, Tribal, recreational) given a percentage of the quota
 - Each sector has to stay within it's share of the quota
 - Management Tools
 - Limit days of the week open
 - Limit weeks with openings
 - Daily bag limit (yearly landing limit)
 - Depth restrictions (primarily to limit OFS impacts)

Central OR Spring All-Depth Halibut

- Data Needs
 - After last “fixed date” (a Saturday) need data before the following Thursday or Friday (5-6 days)
 - See if enough quota remains to open again
 - Give anglers 1 week notice of opening
 - Need after each subsequent opening



Central OR Spring All-Depth Halibut

- Data Collected

- Boat exit counts

- Upon Returning

- Number of anglers
- Trip target
- Location
- Halibut landed
- Size of landed
- Number and size (OFS)



Central OR Spring All-Depth Halibut

- Data flow
 - Fishery occurs Thurs – Sat
 - Sampler crew chiefs collect data on Monday
 - Deliver to ODFW MRP office in Newport
 - Data shop enters, error checks and edits data Tuesday-Thursday
 - Managers get *preliminary* data Thursday
 - Occasionally as early as Wednesday afternoon (if only halibut going on, no salmon)
 - Managers make decisions, and announcements on Friday for fishery the following Thursday

Ocean Salmon Management

- Ocean salmon fisheries are managed by the PFMC
- Ocean management areas between Cape Falcon, OR and the U.S.-Canada border are managed in-season to stay within chinook and coho quotas assigned preseason
- Commercial troll fishery is usually managed as one area; recreational fishery is managed under sub-quotas for four management areas within the Cape Falcon – U.S.-Canada border area.
- State managers are responsible for monitoring catch, updating PFMC and other parties weekly, and calling for action when catch approaches quotas

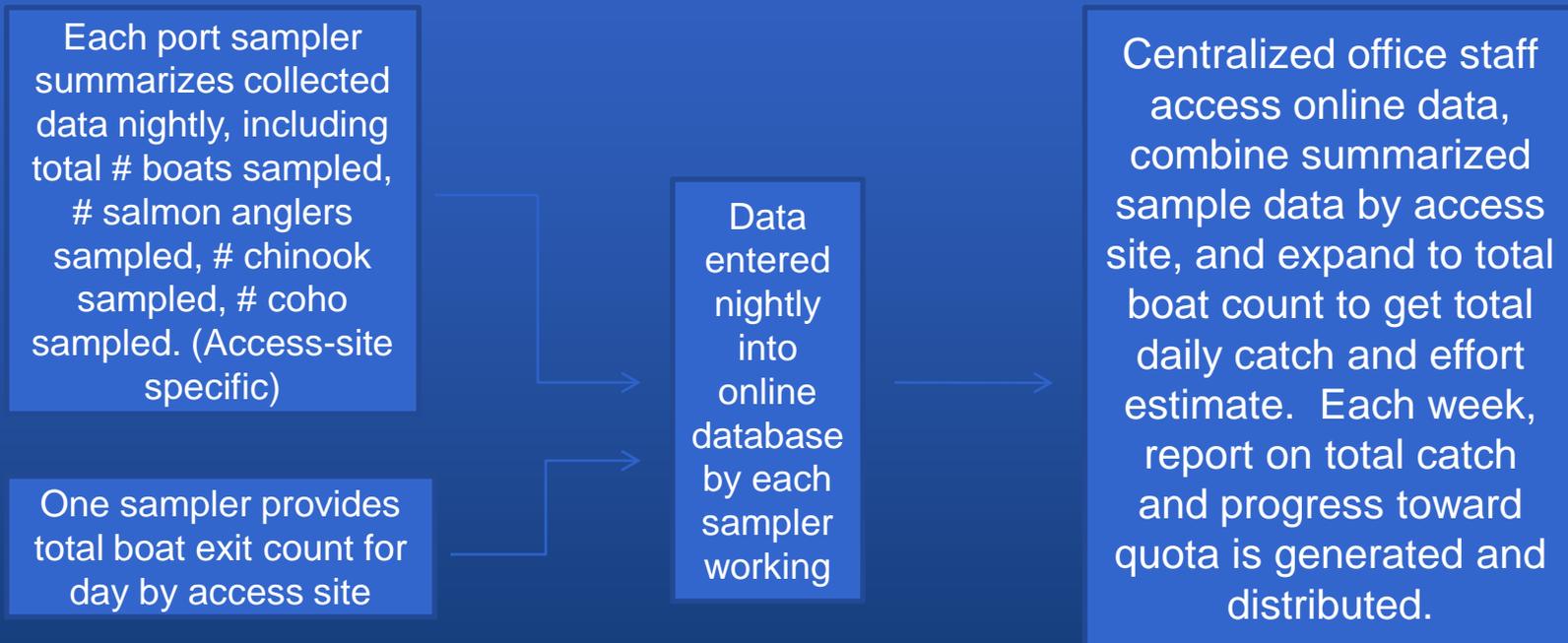
Puget Sound

- Even more complicated!
- [more to come]

Ocean Salmon Data Needs

- Weekly (or more frequent) estimates of effort (angler trips) and catch (numbers of fish) by species and management area for in-season quota management. Estimates are generated from access-site creel data and boat effort counts.
- Coded wire tag recoveries for stock composition analysis by management area.
- Scale samples from chinook for age composition analysis by management area.
- DNA data collection for stock composition analysis by management area.

Daily Ocean Salmon Data Flow



WA/OR Bottomfish

- Harvest specifications and management measures via biennial cycle through the PFMC
- Formal and informal allocations depending on the species
- Management measures designed to keep each sector within its allocation
 - Bag limits, size limits, season length, depth closures, gear restrictions, day-of-week closures, area: Hot spot closures (such as Stonewall Bank) or cold spot open,

Have to keep track through the Council Process, via our “scorecard”

Attachment 2. Projected mortality impacts (mt) of overfished groundfish species for 2011 after Council action in November 2010. Bolded numbers represent the difference between the FPA in the DEIS and November action.

Fishery	Bocaccio b/	Canary	Cowcod	Dkbl	Petrale	POP	Widow	Yelloweye
Limited Entry Trawl - Non-whiting a/	60.0	20.0	1.8	240.3	871.0	107.0	235.5	0.3
Limited Entry Trawl - Whiting a/								
At-sea whiting motherships		3.4		6.0		7.2	61.2	0.0
At-sea whiting cat-proc		4.8		8.5		10.2	86.7	0.0
Shoreside whiting		5.9		10.5		12.6	107.1	0.0
Tribal whiting		4.3		0.1		7.2	5.0	0.0
Tribal								
Midwater Trawl		3.6		0.0		0.0	40.0	0.0
Bottom Trawl		0.8		0.0	45.4	3.7	0.0	0.0
Troll		0.5		0.0		0.0		0.0
Fixed gear		0.3		0.0		0.0	0.0	2.3
Non-nearshore c/								
LE FG	0.0	1.9		3.5		0.3	0.1	0.8
OA FG	0.0	0.3		0.8		0.1	0.0	0.1
Directed OA: Nearshore c/	0.3	3.0					0.3	1.1
Incidental OA d/	0.7	2.0		15.0	1.0	0.1	3.3	0.3
Recreational Groundfish e/								
WA		2.0						2.6
OR		7.0					1.0	2.3
CA	55.4	14.5	0.2				8.7	2.7
EFPs	11.0	1.3	0.2	1.5	2.0	0.1	11.0	0.1
Research f/	1.7	7.2	0.1	2.1	17.0	1.8	1.6	1.3
TOTAL	129.1	82.8	2.3	288.3	936.4	150.3	561.5	13.9
2011 ACL/ACT g/	263	102	4.0	298	976	157	600	14
Difference	133.9	19.2	1.7	9.7	39.6	6.7	38.5	0.1
Percent of OY	49.1%	81.2%	57.5%	96.7%	95.9%	95.7%	93.6%	99.3%
Key								

= either not applicable; trace amount (<0.01 mt); or not reported in available data sources.

a/ Values for dkbl, POP, and widow reflect Amendment 21 allocations. Bocaccio, canary, cowcod, and yelloweye represent 11-12 allocations.

The allocation to the shoreside whiting sector is only for the Amendment 20 initial allocation. In future years only one allocation will be made to the shoreside sector (whiting and non-whiting).

b/ South of 40°10' N. lat.

c/ Values represent projected impacts under the Council's Final Preferred Alternative for 2011-2012

d/ Mortality estimates are not hard numbers; based on the GMT's best professional judgment.

e/ Values in scorecard represent projected impacts for all species except canary and yelloweye rockfish, which are the prescribed harvest guidelines.

f/ Includes NMFS trawl shelf-slope surveys, the IPHC halibut survey, and expected impacts from SRPs and LOAs.

g/ Values for POP and yelloweye represent ACTs, which is a value less than the ACL to account for management uncertainty.

WA/OR Bottomfish

- Data Needs
 - Progress towards target species caps
 - Progress towards overfished species caps
 - Effort



Oregon Ocean Fishery Access Points

WA/OR Bottomfish

- Data Collected
 - Boat exit counts
 - Upon Returning
 - Number of anglers per boat
 - Trip target
 - Location
 - Number and species of landed fish
 - Average weight of landed fish
 - Number and species of releases (important for OFS)
 - Depth of released species



WA/OR Bottomfish

- Data flow
 - Fishery occurs seven days per week
 - Statistical week is Monday through Sunday
 - Sampler crew chiefs collect data on Mondays
 - Deliver to ODFW MRP office in Newport
 - Data shop enters, error checks and edits data
 - Final data on a one month time lag
 - Example--Get March data the first week in May
 - Uploaded to Pacific RecFIN website and state websites

WA/OR Bottomfish

- Data flow cont.
 - Can get preliminary data one week after end of month
 - Get March data the first week in April
 - Used to inform management decisions inseason
 - Can get *very rough estimates* of effort and catch composition on a week delay
 - Examine raw interview data, not totals
 - Occasionally used to make management decisions inseason, especially if close to cap for an overfished species
 - Managers examine available data and make decisions
 - Need ~ 48 hours to deal with regulatory paperwork in both states
 - Like to give as much notice to anglers as possible of changes

RecFIN Tables - Tables for Groundfish Management (01MAR11:15:47:07)

GMT Scorecard Species 2010

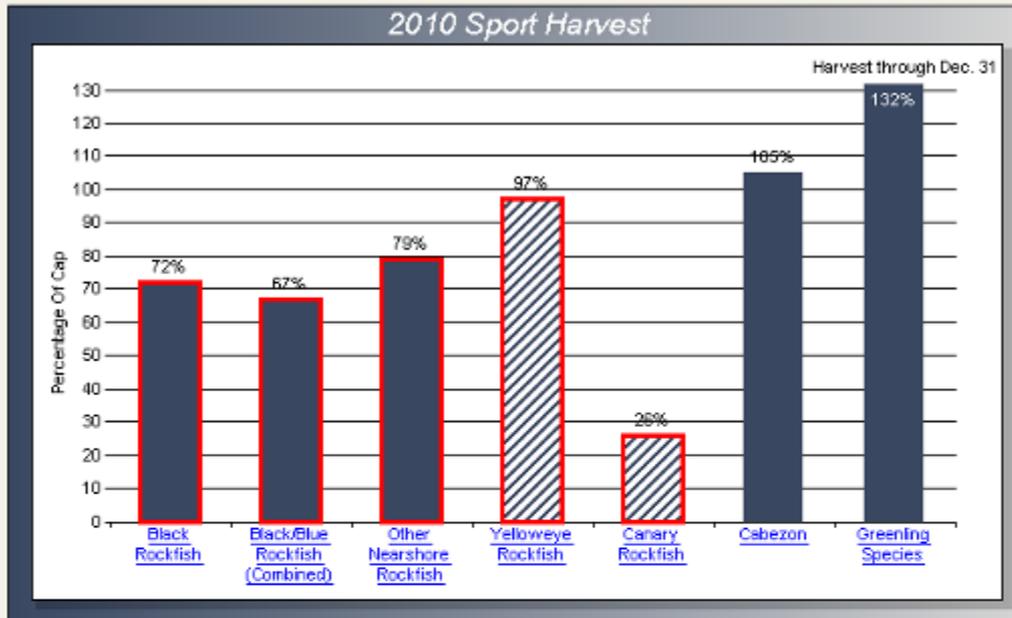
1. Metric Tons of Recreational Impacts 2010 GMT Scorecard Species

Washington has not yet reported estimates for month 12 of 2010

2010 (mt) for N. Calif. Oregon S. Calif. Through month 12 of 2010.			Month												Cumulative Total	Harvest Guideline (HG)	% of HG or PI	Projected Impact (PI)
			1	2	3	4	5	6	7	8	9	10	11	12				
bocaccio	Calif.	N. Calif.	0.00	0.00	0.00	0.03	0.66	1.05	3.09	1.21	0.29	0.16	0.03	0.00	6.52	-	-	-
		S. Calif.	0.08	0.04	4.32	11.70	3.57	8.03	2.53	4.27	4.49	3.78	3.62	3.75	50.18	-	-	-
		All Calif.	0.08	0.04	4.32	11.73	4.24	9.07	5.61	5.48	4.78	3.93	3.65	3.75	56.70	66.3	85.5%	67.3
canary rockfish	Calif.	N. Calif.	0.00	0.00	0.00	0.01	0.89	2.24	2.27	2.37	2.53	0.85	0.20	0.00	11.36	-	-	-
		S. Calif.	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	1.30	0.00	0.00	0.00	1.36	-	-	-
		All Calif.	0.00	0.00	0.00	0.01	0.89	2.24	2.31	2.39	3.83	0.85	0.20	0.00	12.72	22.9	55.5%	22.9
	OR- WA	Oregon	0.01	0.14	0.11	0.13	0.55	0.56	0.77	0.74	0.15	0.02	0.01	0.01	3.20	16.0	20.0%	2.5
		Washington	0.00	0.00	0.00	0.03	0.23	0.16	0.20	0.26	0.07	0.02	0.00	0.00	0.97	4.9	19.8%	1.2
		All OR-WA	0.01	0.14	0.11	0.16	0.78	0.72	0.97	1.00	0.22	0.04	0.01	0.01	4.17	20.9	20.0%	3.7
cowcod	Calif.	N. Calif.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	
		S. Calif.	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	-	-	-
		All Calif.	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	-	27.3%	0.1
widow rockfish	Calif.	N. Calif.	0.00	0.00	0.00	0.00	0.00	0.02	0.26	0.02	0.02	0.04	0.01	0.00	0.38	-	-	-
		S. Calif.	0.00	0.03	0.08	0.02	0.00	0.00	0.00	0.08	0.06	0.00	0.03	0.00	0.29	-	-	-
		All Calif.	0.00	0.03	0.08	0.02	0.00	0.02	0.26	0.10	0.08	0.04	0.04	0.00	0.67	6.2	10.8%	6.2
	OR- WA	Oregon	0.00	0.01	0.02	0.01	0.03	0.10	0.04	0.01	0.01	0.00	0.00	0.00	0.22	1.0	22.2%	1.0
		All OR-WA	0.00	0.01	0.02	0.01	0.03	0.10	0.04	0.01	0.01	0.00	0.00	0.00	0.22	1.0	22.2%	1.0
yelloweye rockfish	Calif.	N. Calif.	0.00	0.00	0.00	0.00	0.21	0.18	0.43	0.28	0.16	0.05	0.00	0.00	1.31	-	-	-
		S. Calif.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.05	-	-	-
		All Calif.	0.00	0.00	0.00	0.00	0.21	0.18	0.43	0.28	0.19	0.07	0.00	0.00	1.36	2.8	48.6%	2.8
	OR- WA	Oregon	0.02	0.04	0.07	0.03	0.47	0.48	0.36	0.53	0.07	0.01	0.00	0.01	2.09	2.4	86.9%	2.4
		Washington	0.00	0.00	0.00	0.05	0.70	0.68	0.21	0.15	0.16	0.02	0.00	0.00	1.97	2.7	73.1%	2.5
		All OR-WA	0.02	0.04	0.07	0.08	1.18	1.16	0.57	0.68	0.22	0.03	0.00	0.01	4.06	5.1	79.6%	4.9

ODFW Inseason Tracking

Harvest estimates for each month are posted at the end of the following month.



Attention!

Reaching the cap on one of these species or species groups may affect fishing for other species.

The Oregon recreational harvest guideline for yelloweye rockfish was reduced to 2.3 mt at the June 2010 Council meeting to comply with a court order to reduce total yelloweye impacts, coastwide, from 17 mt to 14 mt. The updated Federal Register can be found at

<http://frwebgate3.access.gpo.gov/cgi-bin/PDFgate.cgi?WAISdocID=Upj9dM7/2/0&WAIAction=retrieve>



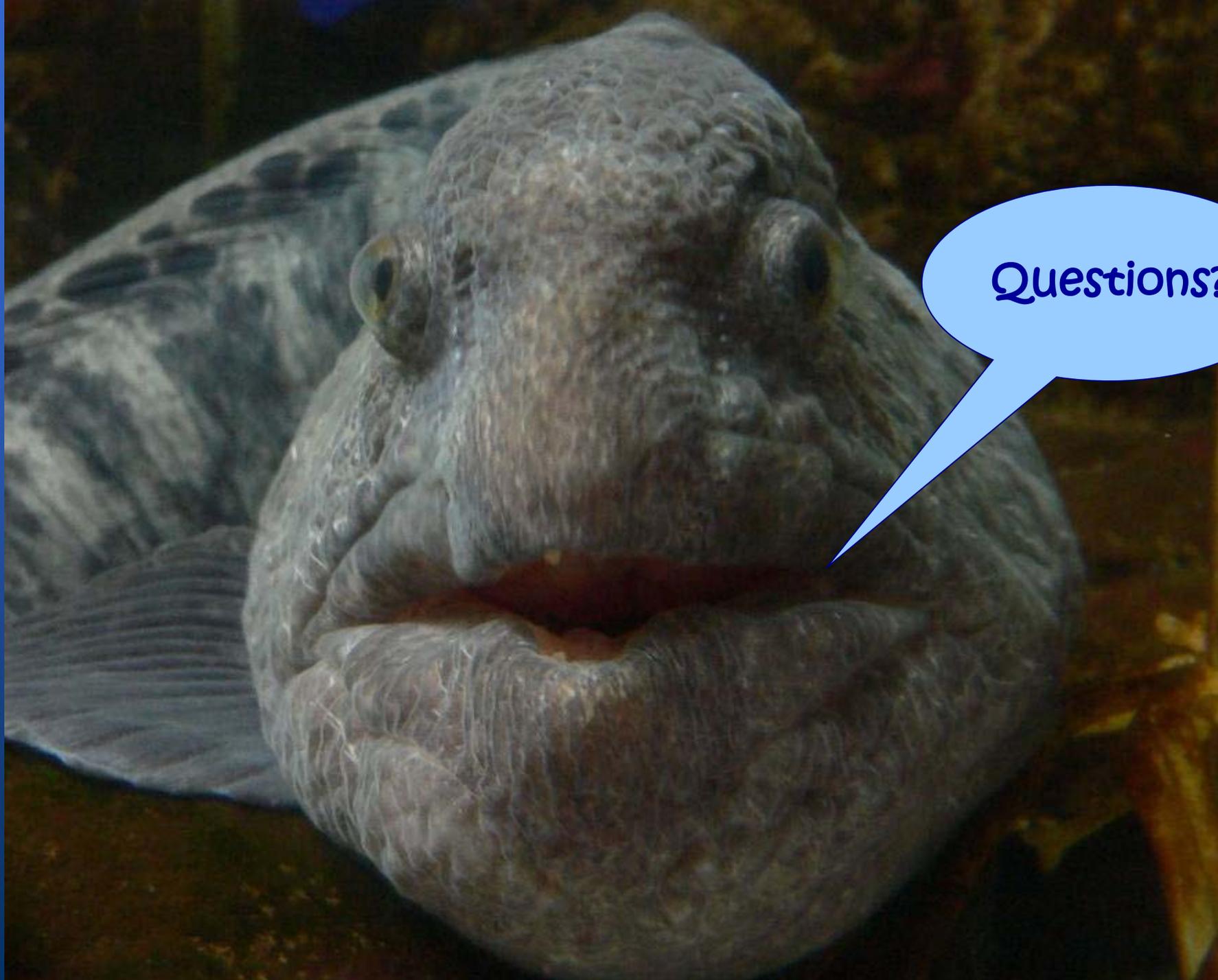
Prohibited!

Retention of yelloweye rockfish and canary rockfish is prohibited.

Species	2010 Harvest (metric tons)	2010 Harvest Limit (metric tons)	Percentage Of Limit Harvested
Black Rockfish	316.5	440.8	72 %
Black Rockfish and Blue Rockfish (Combined):			
• Black Rockfish	321.1	481.8	67 %
• Blue Rockfish			
Other Nearshore Rockfish	10.7	13.6	79 %
Yelloweye Rockfish	2.8	2.9	97 %
Canary Rockfish	4.2	16.0	26 %
Cabezon	16.5	15.8	105 %
Greenling Species (Combined):			
• Kelp Greenling	6.9	5.2	132 %
• Rock Greenling			

Data updated 2/28/2011

*One metric ton = 2,204.6 pounds



Questions?