Regulatory measures considered for chum in 2012

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2012 Chum analysis alternatives

Focused on:

- Hard caps for June/July only and B season
- Triggered area closures for June/July only and for B season

Comparison of historical averages (1997-2006) time periods with (1997-2009) 3-, 5-, and 10-yr averages

1	Average				Average
of	salmon)		Period	(# o	f salmon)
2	484,895	20	07-2009		51,629
•	344,898	20	05-2009		233,820
/	201,195	20	00-2009		199,489
	57,493				

Range of hard caps and June/July caps considered in 2012

B season

	Total Non- Chinook cap	CDQ	Non-CDQ
i)	50,000	5,350	44,650
ii)	75,000	8,025	66,975
iii)	125,000	13,375	111,625
iv)	200,000	21,400	178,600
v)	300,000	32,100	267,900
vi)	353,000	37,771	315,229

June/July

	Total Non- Chinook cap	CDQ	Non-CDQ
1)	15,600	1,669	13,931
2)	23,400	2,504	20,896
3)	39,000	4,173	34,827
4)	62,400	6,677	55,723
5)	93,600	10,015	83,585
6)	110,136	11,785	98,351

Caps considered

Setting the hard cap	*	Non-Chinook	total	CDQ		Non-CDQ
(Component 1)	established for B season. Select cap from a range of numbers*	50,000		5,350		44,650
		200,000		21,400		178,600
		353,000		37,771		315,229
	Option 1b: Cap established for June and July. Select cap from a range of numbers	15,600		1,669		13,931
		62,400		6,677		55,723
		110,136		11,785		98,351
Sector allocation (Component 2)*	Range of sector allocations (sector allocation abbreviation)	CDQ	Inshore CV		Mothership	Offshore CP
	Option 2ii (1)	3.4%	81.5%		4.0%	11.1%
	Option 4ii (2)	6.7%	63.3%		6.5%	23.6%
	Option 6 (3)	10.7%	44.77%		8.77%	35.76%

Additional provisions

Sector transfers and	No transfers (Comp	ponent 3 not selected)					
rollovers	Option 1	Caps are transferable among sectors and CDQ groups within a fishing season					
(Component 3)		Suboption: Maximum amount of transfer limited to:		а	50%		
				b	70%		
				С	90%		
	Option 2	NMFS rolls over unused salmon PSC to sectors still fishing in a season, based on proportion of pollock remaining to be harvested.					
Cooperative Allocation	No allocation	Allocation managed at the inshore CV sector level. (Component 4 not selected)					
and transfers (Component 4)	Allocation	Allocate cap to each copollock allocation.	s proportion of				
	Option:	Option 1	Lease pollock among coop	eratives in a se	eason or a year		
	Cooperative Transfers	Option 2	Transfer salmon PSC (indu	stry initiated)			
		Suboption Maximum am	ount of transfer limited to	а	50%		
		the following percentage	b	70%			
				С	90%		

Impacts of alternatives Chum 2012

			Change (numbers that	Pollock forgone or diverted	Chinook PSC change		
	Optio	on Cap	Western Alaska	Asian	Total chum	Pollock	Chinook
		50,000	30,279	99,013	167,610	322,620	17,304
e 7	1a)	200,000	16,269	62,727	101,275	118,561	8,651
tiv		353,000	6,799	34,118	51,093	53,073	5,349
Alternative							
Eer		15,600	12,529	-8,587	11,416	126,796	-5,934
A	1b)	62,400	10,300	-3,907	12,247	66,303	-3,373
_		110,136	8,584	-1,199	12,339	40,388	-2,142
		25,000	19,529	54,252	97,071	129,898	7,805
	1a)	75,000	16,001	48,006	83,718	86,605	5,686
		200,000	8,804	35,604	57,043	39,090	3,652
4		7,800	12,618 (12,194)	227 (16,986)	21,709 (40,790)	47,537 (139,473)	-3,682 (273)
Ne	1b)	23,400	12,573 (11,858)	5,876 (16,001)	27,579 (38,608)	31,951 (116,395)	-2,537 (209)
Alternative		62,400	10,372 (9,576)	5,083 (12,575)	22,657 (30,478)	20,553 (86,571)	-1,702 (146)
L							
Ite		25,000	12,085	21,651	46,274	103,527	2,716
\blacksquare	2a)	75,000	10,063	20,716	41,647	65,454	2,185
		200,000	4,645	14,746	25,558	28,970	1,039
		7,800	9,918 (7,762)	1,958 (10,817)	19,059 (25,990)	29,588 (82,323)	-2,464 (84)
	2b)	23,400	10,019 (8,210)	7,321 (10,965)	25,013 (26,536)	17,179 (64,890)	-1,496 (57)
		62,400	8,311 (6,914)	6,486 (8,954)	20,947 (21,777)	9,620 (44,300)	-885 (31)

Period Average (# of salmon)

3 yr (2020-2022) 377,339

5 yr (2018-2022) 354,992

10 yr (2013-2022) 316,815

More recent 3,5, 10 year averages

Extra slides (reminder of genetics and timing)





