

RECENT YEAR ALLOCATIONS RELEVANT TO DECIDING A RANGE OF
2019-2020 ALLOCATIONS

Item 1. Attachment 2. September 2017 Groundfish Management Team Scorecard: This is the most recent scorecard, under the 2017 regulations, updated with the latest West Coast Groundfish Observer Data (2016 bycatch rates), tribal impacts, exempted fishing permits impacts, and research impacts. Bocaccio, cowcod, and yelloweye allocations are based on the Council's recommendations for two-year allocations while darkblotched and Pacific ocean perch represent the Amendment 21 allocations.

Item 2. 2017-2018 Allocation Values and Percentages from Final Council Action in June 2016.

Item 3. 2015-2016 Allocation Values and Percentages from Final Council Action in June 2014.

Item 4. 2013-2014 Allocation Values and Percentages from Final Council Action in June 2012.

Item 5. 2011-2012 Allocation Values and Percentages from Final Council Action in June 2010.

Item 1. September 2017 Groundfish Management Team Scorecard ([Agenda Item E.10a, Supplemental REVISED GMT Report 2, September 2017](#)).

Attachment 2. Allocations^a and projected mortality impacts (mt) of overfished groundfish species for 2017.

Date: 17 Sept 2017	Bocaccio b/		Cowcod b/		Dkbl		POP		Yelloweye	
	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts
Off the Top Deductions	15.4	14.6	2.0	2.0	27.3	9.2	17.4	14.4	5.4	4.2
Additional Buffer					0.0		0.0			
EFPc/	10.0	10.0	0.015	0.015	0.1	0.1	0.0	0.0	0.030	0.030
Research d/	4.6	4.6	2.0	2.0	2.5	2.5	5.2	5.2	2.7	1.8
Incidental OA e/	0.8	0.0	0.0	0.0	24.5	6.4	3.0	0.0	0.4	0.1
Tribal f/					0.2	0.2	9.2	9.2	2.3	2.3
Bottom Trawl					0.2	0.2	2.0	2.0		0.0
Troll					0.0					0.0
Fixed gear					0.0				2.3	2.3
mid-water					0.0					0.0
whiting						0.3	7.2	7.2		
Trawl Allocations	302.4	92.7	1.4	0.2	535.6	147.1	220.0	73.1	1.1	1.1
-SB Trawl	302.4	92.7	1.4	0.2	507.6	136.9	198.3	43.0	1.1	1.1
-At-Sea Trawl					78.0	10.2	53.7	30.1	0.0	0.0
a) At-sea whiting MS					36.6	2.6	25.0	8.3		
b) At-sea whiting CP					41.4	7.6	28.7	21.8		
Non-Trawl Allocation	472.2	202.1	2.6	0.0	28.2	5.8	11.6	0.3	13.1	13.4
Non-Nearshore	144.3	16.6		0.0		5.6		0.3	0.8	0.7
LE FG		6.2				5.2		0.3		0.6
OA FG		10.4				0.5		0.0		0.0
Directed OA: Nearshore	1.8	0.6		0.0		0.2			2.1	1.6
Recreational Groundfish										
WA						--		--	3.3	3.3
OR						--		--	3.0	3.3
CA	326.1	184.9		2.2		--		--	3.9	4.5
TOTAL	790.0	309.4	6.0	2.2	591.1	162.1	249.0	87.9	19.6	18.7
2017 Harvest Specification	790	790	6.0	6.0	641	641	281	281	20	20
Difference	0.0	480.6	0.0	3.8	49.9	478.9	32.0	193.1	0.4	1.3
Percent of ACL	100.0%	39.2%	100.3%	36.9%	92.2%	25.3%	88.6%	31.3%	100.0%	93.5%
Key			= not applicable							
		--	= trace, less than 0.1 mt							
			= Fixed Values							
			= off the top deductions							

a/ Formal allocations are represented in the black shaded cells and are specified in regulation in Tables 1b and 1e. The other values in the allocation columns are 1) off the top deductions, 2) set asides from the trawl allocation (at-sea petrale only) 3) ad-hoc allocations recommended in the 2013-14 EIS process, 4) HG for the recreational fisheries for canary and YE.

b/ South of 40°10' N. lat.

c/ EFPs are amounts set aside to accommodate anticipated applications. Values in this table represent the estimates from the 13-14 biennial cycle, which are currently specified in regulation.

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

e/ The GMT's best estimate of impacts as analyzed in the 2017-2018 Environmental Impact Statement (Appendix B), which are currently specified in regulation.

f/ Tribal values in the allocation column represent the the values in regulation. Projected impacts are the tribes best estimate of catch.

Item 2. 2017-2018 Allocation Values and Percentages from Final Council Action in June 2016. Excerpts from the “2017-2018 Groundfish Harvest Specifications and Management Measures Including Changes to Groundfish Stock Designations (Amendment 27 to the Pacific Coast Groundfish Fishery Management Plan)” analytical document; Table 4-1. Alternative 3. Allocations and projected mortality impacts (mt) of overfished groundfish species for 2017 and 2018.

2017										
Fishery	Bocaccio b/		Cowcod b/		Dkbl		POP		Yelloweye	
	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts
Off the Top Deductions	15.4	15.4	2.0	2.0	77.3	27.3	49.4	24.4	5.4	5.4
EFPc/	10.0	10.0	0.015	0.015	0.1	0.1			0.03	0.03
Research d/	4.6	4.6	2.0	2.0	2.5	2.5	5.2	5.2	2.70	2.70
Incidental OA e/	0.8	0.8	0.03	0.03	24.5	24.5	10.0	10.0	0.4	0.4
Tribal f/					0.2	0.2	9.2	9.2	2.3	2.3
Buffer					50.0		25.0		0.4	
Trawl Allocations	302.4	92.7	1.4	0.2	535.6	146.4	220.0	49.5	1.1	0.1
--SB Trawl	302.4	92.7	1.4	0.2	507.6	136.9	198.3	43.0	1.1	0.1
--At-sea whiting MS g/					11.6	4.5	9.0	1.8		
--At-sea whiting CP g/					16.4	5.0	12.7	4.7		
Non-Trawl Allocation	472.2	202.1	2.6	2.2	28.2	7.2	11.6	0.5	13.1	12.0
Non-Nearshore	144.3	16.6		0.0		7.0		0.5	0.8	0.8
LE FG										
OA FG										
Directed OA: Nearshore	1.8	0.6		0.0		0.2		0.0	2.1	2.1
Recreational Groundfish										
WA						--		--	3.3	3.1
OR						--		--	3	2.8
CA	326.1	184.9		2.2		--		--	3.9	3.2
TOTAL	790.0	310.2	4.0	2.4	641.1	180.9	281.0	74.4	19.6	17.5
2017 Harvest Specification	790	790	10.0	10.0	641	641	281	281	20	20
Difference	0.0	479.8	6.0	7.6	0	460.1	0.0	206.6	0.4	2.5
Percent of ACL	100.0%	39.3%	40.0%	23.7%	100.0%	28.2%	100.0%	26.5%	98.2%	87.6%
Key			= not applicable							
		--	= trace, less than 0.1 mt							
			= Fixed Values							
			= Projection from GMT Model							
			= off the top deductions							

a/ Formal allocations are represented in the black shaded cells and are specified in regulation in Tables 1b and 1e. The other values in the allocation columns are 1) off the top deductions, 2) set asides from trawl allocation (at-sea petrale only) 3) ad-hoc allocations recommended in the biennial process, 4) HG for the recreational fisheries for canary and YE.

b/ South of 40°10' N. lat. The cowcod fishery HG (8 mt) is further reduced to an ACT of 4 mt.

c/ EFPs are amounts set aside to accommodate anticipated operations

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

e/ The GMT's best estimate of impacts based on historical mortality.

f/ Tribal values represent the the values requested by the tribes.

g/ Values based on the 50 percentile (average) projection from the bootstrap model described in Section 4.1.4.5.

2018										
Fishery	Bocaccio b/		Cowcod b/		Dkbl		POP		Yelloweye	
	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts	Allocation a/	Projected Impacts
Off the Top Deductions	15.4	15.4	2.0	2.0	77.3	27.3	49.4	24.4	6.0	6.0
EFPC/	10.0	10.0	0.015	0.015	0.1	0.1			0.03	0.03
Research d/	4.6	4.6	2.0	2.0	2.5	2.5	5.2	5.2	3.27	3.27
Incidental OA e/	0.8	0.8	0.03	0.03	24.5	24.5	10.0	10.0	0.4	0.4
Tribal f/					0.2	0.2	9.2	9.2	2.3	2.3
Buffer					50.0		25.0			
Trawl Allocations	283.3	86.9	1.4	0.2	547.0	146.4	220.0	50.0	1.1	0.1
-SB Trawl	283.3	86.9	1.4	0.2	518.4	136.9	198.3	44.1	1.1	0.1
-At-sea whiting MS g/					11.8	4.5	9.0	2.5		
-At-sea whiting CP g/					16.7	5.0	12.7	3.4		
Non-Trawl Allocation	442.3	202.1	2.6	2.2	28.8	7.5	11.6	0.5	12.9	12.0
Non-Nearshore	135.1	16.6		0.0		7.3		0.5	0.7	0.8
LE FG										
OA FG										
Directed OA: Nearshore	1.7	0.6		0.0		0.2		0.0	2.0	2.1
Recreational Groundfish										
WA						--		--	3.3	3.1
OR						--		--	3	2.8
CA	305.5	184.9		2.2		--		--	3.9	3.2
TOTAL	741.0	304.4	4.0	2.4	653.1	181.2	281.0	74.9	20.0	18.1
2017 Harvest Specification	741	741	10.0	10.0	653	653	281	281	20	20
Difference	0.0	436.6	6.0	7.6	0	471.8	0.0	206.1	0.0	1.9
Percent of ACL	100.0%	41.1%	40.0%	24.0%	100.0%	27.7%	100.0%	26.7%	100.0%	90.5%
Key			= not applicable							
		--	= trace, less than 0.1 mt							
			= Fixed Values							
			= Projection from GMT Model							
			= off the top deductions							

a/ Formal allocations are represented in the black shaded cells and are specified in regulation in Tables 1b and 1e. The other values in the allocation columns are 1) off the top deductions, 2) set asides from the allocation (at-sea petrale only) 3) ad-hoc allocations recommended in the biennial process, 4) HG for the recreational fisheries for canary and YE.

b/ South of 40°10' N. lat. The cowcod fishery HG (8 mt) is further reduced to an ACT of 4 mt.

c/ EFPs are amounts set aside to accommodate anticipated operations

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

e/ The GMT's best estimate of impacts based on historical mortality.

f/ Tribal values represent the values requested by the tribes.

g/ Values based on the 50 percentile (average) projection from the bootstrap model described in Section 4.1.4.5.

Table 4-2. Alternative 3 ACLs, Fishery HG, Allocations, HGs, and shares of canary rockfish (in mt).

	2017	2018
ACL	1,714	1,526
Fishery Harvest Guideline	1,466.6	1,466.6
Trawl Allocation a/	1,060.1	1,060.1
<i>Shorebased IFQ Allocation a/</i>	<i>1,014.1</i>	<i>1,014.1</i>
<i>Catcher Processor Allocation b/</i>	<i>16</i>	<i>16</i>
<i>Mothership Allocation b/</i>	<i>30</i>	<i>30</i>
Non-Trawl Allocation a/	406.5	406.5
<i>Non-Nearshore Share a/</i>	<i>46.5</i>	<i>46.5</i>
<i>Nearshore Fixed Gear Share a/ c/</i>	<i>100</i>	<i>100</i>
<i>Washington Recreational HG a/</i>	<i>50</i>	<i>50</i>
<i>Oregon Recreational HG a/</i>	<i>75</i>	<i>75</i>
<i>California Recreational HG a/</i>	<i>135</i>	<i>135</i>

a/ Attainment of these values do not require fishery closure.

b/ Attainment of these values would require fishery closure.

c/ Additionally, there is an informal share of 73.3 percent to California and 26.8 percent to Oregon.

ITEM 3

2015-2016 Allocation Values and Percentages from Final Council Action in June 2014.

2015

	Bocaccio		Canary		Cowcod		Yelloweye	
	% of HG	MT	% of HG	MT	% of HG	MT	% of HG	MT
ACL		349		122		10		18
Fishery Harvest Guideline		340.7	0%	106.8		4.0		12.2
Trawl Allocation	24%	81.9	53%	56.9	40%	1.4	8%	1.0
<i>Shorebased IFQ</i>	24%	81.9	76%	43.3		1.4		1.0
<i>At-Sea Whiting</i>			24%	13.7				
<i>---Mothership</i>			10%	5.6				
<i>--Catcher Processor</i>			14%	8.0				
Non-Trawl Allocation	76%	258.8	47%	49.9	60%	2.6	92%	11.2
<i>Non-Nearshore a/</i>	31%	79.1	8%	3.8			10%	1.1
<i>Nearshore Fixed Gear a/</i>	0.4%	1.0	13%	6.7			11%	1.2
<i>Washington Recreational b/</i>		0.0	7%	3.4			26%	2.9
<i>Oregon Recreational b/</i>		0.0	23%	11.7			23%	2.6
<i>California Recreational b/</i>	69%	178.8	49%	24.3			30%	3.4

a/ Values represent shares which may be adjusted within the non-trawl allocation.

b/ Values represent HGs, which are specified in regulation, and may be adjusted within the non-trawl allocation.

2016

	Bocaccio		Canary		Cowcod		Yelloweye	
	% of HG	MT	% of HG	MT	% of HG	MT	% of HG	MT
ACL		362		125		10		19
Fishery Harvest Guideline		353.7	0%	109.8		4.0		13.2
Trawl Allocation	24%	85.0	53%	58.5	40%	1.4	8%	1.1
<i>Shorebased IFQ</i>	24%	85.0	76%	44.5		1.4		1.1
<i>At-Sea Whiting</i>			24%	14.0				
<i>---Mothership</i>			10%	5.8				
<i>--Catcher Processor</i>			14%	8.2				
Non-Trawl Allocation	76%	268.7	47%	51.3	60%	2.6	92%	12.1
<i>Non-Nearshore a/</i>	31%	82.1	8%	3.9			10%	1.2
<i>Nearshore Fixed Gear a/</i>	0.4%	1.0	13%	6.9			11%	1.3
<i>Washington Recreational b/</i>		0.0	7%	3.5			26%	3.1
<i>Oregon Recreational b/</i>		0.0	23%	12.0			23%	2.8
<i>California Recreational b/</i>	69%	185.6	49%	25.0			30%	3.7

a/ Values represent shares which may be adjusted within the non-trawl allocation.

b/ Values represent HGs, which are specified in regulation, and may be adjusted within the non-trawl allocation.

ITEM 4

2013-2014 Allocation Values and Percentages from Final Council Action in June 2012.

2013

	Bocaccio		Canary		Cowcod		Yelloweye	
	% of HG	MT	% of HG	MT	% of HG	MT	% of HG	MT
ACL		320		116		3		18
Fishery Harvest Guideline		311.6		98.5		2.9		12.2
Trawl Allocation	24%	74.9	53%	52.5	36%	1.0	8%	1.0
<i>Shorebased IFQ</i>		74.9	41%	39.9		1.0		1.0
<i>At-Sea Whiting</i>			13%	12.6				
<i>Mothership</i>			5%	5.2				
<i>Catcher Processor</i>			7%	7.4				
Non-Trawl Allocation	76%	236.7	47%	46.0	64%	1.9	92%	11.2
<i>Non-Nearshore^{a/}</i>	31%	72.3	8%	3.5			10%	1.1
<i>Nearshore Fixed Gear^{a/}</i>	0.4%	0.9	13%	6.2			11%	1.2
<i>Washington Recreational^{b/}</i>			7%	3.1			26%	2.9
<i>Oregon Recreational^{b/}</i>			23%	10.8			23%	2.6
<i>California Recreational^{b/}</i>	69%	163.5	49%	22.4			30%	3.4

a/ Values represent shares which may be adjusted within the non-trawl allocation.

b/ Values represent HGs, which are specified in regulation, and may be adjusted within the non-trawl allocation.

2014

	Bocaccio		Canary		Cowcod		Yelloweye	
	% of HG	MT	% of HG	MT	% of HG	MT	% of HG	MT
ACL		337		119		3		18
Fishery Harvest Guideline		328.6		101.5		2.9		12.2
Trawl Allocation	24%	79.0	53%	54.1	36%	1.0	8%	1.0
<i>Shorebased IFQ</i>		79.0	40%	41.1		1.0		1.0
<i>At-Sea Whiting</i>			13%	13				
<i>Mothership</i>			5%	5.4				
<i>Catcher Processor</i>			8%	7.6				
Non-Trawl Allocation	76%	249.6	47%	47.4	66%	1.9	92%	11.2
<i>Non-Nearshore^{a/}</i>	31%	76.2	8%	3.7			10%	1.1
<i>Nearshore Fixed Gear^{a/}</i>	0.4%	0.9	14%	6.4			11%	1.2
<i>Washington Recreational^{b/}</i>			7%	3.2			26%	2.9
<i>Oregon Recreational^{b/}</i>			23%	11.1			23%	2.6
<i>California Recreational^{b/}</i>	69%	172.5	49%	23			30%	3.4

a/ Values represent shares which may be adjusted within the non-trawl allocation.

b/ Values represent HGs, which are specified in regulation, and may be adjusted within the non-trawl allocation.

ITEM 5

2011-2012 Allocation Values and Percentages from Final Council Action in June 2010.

2011

	Bocaccio		Canary ^{1/}		Cowcod		Yelloweye	
	% of HG	MT	% of HG	MT	% of HG	MT	% of HG	MT
ACL		263		102		3		17
Fishery Harvest Guideline		249.6		82.0		2.7		11.1
Trawl Allocation	24%	60.0	42%	34.1	67%	1.8	5%	0.6
<i>Shorebased IFQ</i>		60.0	76%	25.9		1.8		0.6
<i>At-Sea Whiting</i>			24%	8.2				
<i>---Mothership</i>			10%	3.4				
<i>--Catcher Processor</i>			14%	4.8				
Non-Trawl Allocation	76%	189.6	36%	29.8	33%	0.9	95%	10.5
<i>Non-Nearshore a/</i>	31%	57.9	8%	2.3			12%	1.3
<i>Nearshore Fixed Gear a/</i>	0.4%	0.7	13%	4.0			10%	1.1
<i>Washington Recreational b/</i>			7%	2.0			25%	2.6
<i>Oregon Recreational b/</i>			23%	7.0			23%	2.4
<i>California Recreational b/</i>	69%	131.0	49%	14.5			30%	3.1

a/ Values represent shares which may be adjusted within the non-trawl allocation.

b/ Values represent HGs, which are specified in regulation, and may be adjusted within the non-trawl allocation.

1/ The Council did not allocate 100% of the Fishery HG.

2012

	Bocaccio ^{1/}		Canary ^{1/}		Cowcod		Yelloweye	
	% of HG	MT	% of HG	MT	% of HG	MT	% of HG	MT
ACL		274		107		3		17
Fishery Harvest Guideline		260.6		87.0		2.7		11.1
Trawl Allocation	23%	60.0	40%	34.8	67%	1.8	5%	0.6
<i>Shorebased IFQ</i>		60.0	75%	26.2		1.8		0.6
<i>At-Sea Whiting</i>			25%	8.6				
<i>---Mothership</i>			10%	3.6				
<i>--Catcher Processor</i>			14%	5.0				
Non-Trawl Allocation	73%	189.6	34%	29.8	33%	0.9	95%	10.5
<i>Non-Nearshore a/</i>	31%	57.9	8%	2.3			12%	1.3
<i>Nearshore Fixed Gear a/</i>	0.4%	0.7	13%	4.0			10%	1.1
<i>Washington Recreational b/</i>			7%	2.0			25%	2.6
<i>Oregon Recreational b/</i>			23%	7.0			23%	2.4
<i>California Recreational b/</i>	69%	131.0	49%	14.5			30%	3.1

a/ Values represent shares which may be adjusted within the non-trawl allocation.

b/ Values represent HGs, which are specified in regulation, and may be adjusted within the non-trawl allocation.