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Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

1995

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea		Shoreside		Shoreside	Shoreside		Shoreside		Recreational	
	Catcher-Processors	At Sea Motherships	Whiting LE Trawl	Shoreside LE Trawl	Shoreside LE Line Gear	Shoreside LE Pot Gear	Directed OA	Incidental OA			
Lingcod - coastwide	0.0%	-	0.0%	57.2%	2.3%	0.0%	14.9%	3.7%	21.9%	1,868.7	
N. of 42° (OR & WA)	0.0%	-	0.0%	72.9%	0.8%	0.0%	7.5%	5.6%	13.2%	1,063.0	
S. of 42° (CA)	-	-	-	36.6%	4.1%	0.0%	24.7%	1.3%	33.4%	805.7	
Pacific Cod	-	0.0%	0.0%	97.8%	0.2%	0.0%	0.2%	1.7%	0.1%	501.8	
Pacific Whiting (Coastwide)	36.2%	19.5%	44.3%	0.0%	0.0%	-	0.0%	0.0%	0.0%	169,067.2	
Sablefish (Coastwide)	0.1%	0.0%	0.6%	52.2%	26.9%	10.9%	8.3%	0.8%	0.0%	7,093.0	
N. of 36° (Monterey north)	0.1%	0.0%	0.6%	51.7%	27.6%	11.5%	7.6%	0.9%	0.0%	6,767.2	
S. of 36° (Conception area)	-	-	-	63.3%	13.5%	-	22.9%	0.2%	-	325.8	
<b>PACIFIC OCEAN PERCH</b>	1.5%	3.1%	3.3%	90.9%	0.4%	0.0%	0.2%	0.5%	0.0%	907.0	
Shortbelly Rockfish	12.3%	10.7%	0.0%	76.4%	0.1%	-	0.5%	-	-	39.1	
<b>WIDOW ROCKFISH</b>	1.3%	1.4%	3.5%	92.0%	0.1%	0.0%	1.2%	0.3%	0.1%	6,702.0	
<b>CANARY ROCKFISH</b>	0.0%	0.0%	0.1%	68.8%	6.1%	-	12.7%	-	11.1%	982.0	
Chilipepper Rockfish	-	-	-	77.9%	0.8%	-	20.2%	0.5%	0.6%	1,892.5	
<b>BOCACCI</b>	-	-	-	45.8%	0.6%	-	48.5%	0.5%	4.7%	712.6	
Splitnose Rockfish	-	-	-	91.9%	0.5%	-	7.5%	0.1%	-	298.7	
Yellowtail Rockfish	1.6%	9.7%	5.6%	76.9%	0.3%	-	1.1%	4.3%	0.6%	5,213.1	
Shortspine Thornyhead - coastwide	0.3%	0.0%	0.0%	97.0%	1.7%	0.0%	0.8%	0.2%	-	1,912.3	
N. of 34°27'	0.4%	0.0%	0.0%	97.3%	1.5%	0.0%	0.4%	0.2%	-	1,245.9	
S. of 34°27'	-	-	-	96.4%	2.0%	-	1.6%	0.0%	-	666.3	
Longspine Thornyhead - coastwide	0.0%	0.0%	0.1%	98.9%	0.5%	0.0%	0.5%	0.0%	-	5,369.6	
N. of 34°27'	0.0%	0.0%	0.1%	98.9%	0.5%	0.0%	0.5%	0.0%	-	5,369.6	
S. of 34°27'	-	-	-	-	-	-	-	-	-	-	
Other thornyheads	-	-	-	4.6%	19.8%	-	75.4%	0.2%	-	102.0	
<b>COWCOD</b>	-	-	-	-	16.6%	-	71.3%	2.7%	9.4%	18.7	
<b>DARKBLOTCHED</b>	6.4%	0.4%	0.1%	92.3%	0.3%	-	0.3%	0.3%	-	769.5	
<b>YELLOWEYE</b>	-	0.0%	0.0%	57.3%	11.2%	-	17.4%	0.1%	13.9%	235.6	
Black Rockfish - coastwide	-	-	0.0%	0.9%	3.4%	-	22.5%	0.1%	73.1%	998.5	
Black Rockfish (WA)	-	-	0.0%	1.5%	-	-	-	-	98.5%	216.2	
Black Rockfish (OR-CA)	-	-	0.0%	0.8%	4.3%	-	28.7%	0.1%	66.1%	782.3	
<b>Minor Rockfish North</b>	2.2%	0.3%	0.1%	61.9%	20.2%	0.1%	8.5%	5.1%	1.5%	2,701.2	
<b>Nearshore Species</b>	-	0.1%	-	0.9%	13.9%	-	46.9%	0.2%	38.0%	90.9	
<b>Shelf Species</b>	1.8%	0.2%	0.1%	56.1%	23.1%	0.1%	10.5%	7.6%	0.4%	1,717.3	
BOCACCI: N. of Monterey	0.2%	0.1%	0.0%	87.6%	2.0%	-	7.1%	2.2%	0.8%	209.4	
Chilipepper Rockfish: Eureka	19.9%	-	0.1%	69.6%	7.6%	-	2.7%	0.1%	0.0%	142.9	
Redstripe Rockfish	0.6%	1.3%	0.0%	97.8%	0.0%	-	0.0%	0.0%	0.2%	257.8	
Silvergrey Rockfish	0.0%	0.0%	0.0%	97.5%	0.0%	-	2.3%	0.0%	0.1%	94.4	
Other Northern Shelf Rockfish	0.0%	0.0%	0.2%	33.2%	37.7%	0.2%	15.8%	12.4%	0.4%	1,012.8	
<b>Slope Species</b>	3.2%	0.4%	0.0%	79.4%	15.3%	0.0%	0.7%	0.9%	0.0%	893.1	
Bank Rockfish	-	-	0.0%	95.8%	-	-	4.1%	0.1%	-	24.1	
Sharpchin Rockfish, north	0.0%	0.0%	0.1%	99.2%	0.4%	-	0.3%	0.0%	-	226.1	
Splitnose Rockfish: N. of Monterey	17.9%	0.1%	0.1%	80.8%	0.6%	-	0.5%	0.1%	-	137.6	
Yellowmouth Rockfish	0.2%	0.0%	0.0%	95.7%	1.6%	-	2.4%	0.0%	-	111.4	
Other Northern Slope Rockfish	1.0%	0.9%	0.0%	61.9%	33.9%	0.0%	0.3%	2.0%	0.0%	393.9	
<b>Minor Rockfish South</b>	-	-	-	26.2%	6.1%	0.0%	39.4%	1.0%	27.3%	2,675.4	
<b>Nearshore Species</b>	-	-	-	1.4%	2.8%	0.0%	43.6%	0.6%	51.7%	656.5	
<b>Shelf Species</b>	-	-	-	15.3%	6.9%	0.0%	44.2%	1.8%	31.8%	1,215.8	
Redstripe Rockfish	-	-	-	100.0%	-	-	-	-	-	0.2	
Yellowtail Rockfish	-	-	-	19.3%	16.4%	-	48.9%	0.5%	15.0%	222.5	
Other Southern Shelf Rockfish	-	-	-	14.4%	4.7%	0.0%	43.2%	2.1%	35.6%	993.1	
<b>Slope Species</b>	-	-	-	63.0%	7.8%	0.0%	28.6%	0.2%	0.4%	803.0	
Bank Rockfish	-	-	-	80.7%	1.0%	-	18.1%	0.1%	0.0%	383.3	
Blackgill Rockfish	-	-	-	38.2%	16.3%	0.0%	44.5%	0.2%	0.8%	333.3	
Sharpchin Rockfish	-	-	-	87.4%	2.1%	-	10.5%	-	-	5.8	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	79.2%	5.5%	0.0%	14.3%	0.9%	0.1%	80.7	
California scorpionfish	-	-	-	-	2.4%	0.0%	10.3%	11.1%	76.2%	133.6	
Cabezon (off CA only)	-	-	-	-	1.0%	-	54.7%	1.1%	43.2%	159.5	
Dover Sole	0.0%	0.0%	0.0%	99.1%	0.0%	0.0%	0.0%	0.8%	-	10,467.8	
English Sole	0.0%	0.0%	0.0%	98.7%	0.0%	-	0.2%	1.2%	-	1,121.9	
Petrale Sole (coastwide)	0.0%	0.0%	0.0%	98.5%	0.1%	-	0.4%	0.9%	0.0%	1,612.3	
N. of 40°10'	0.0%	0.0%	0.0%	99.3%	0.0%	-	-	0.7%	0.0%	1,256.2	
S. of 40°10'	-	-	-	95.7%	0.3%	-	1.9%	1.9%	0.2%	356.1	
<b>Arrowtooth Flounder</b>	0.0%	0.1%	0.0%	99.0%	0.1%	0.0%	0.0%	0.9%	-	2,329.0	
Starry Flounder	-	-	-	80.1%	0.0%	-	0.3%	13.5%	6.1%	62.2	
<b>Other Flatfish</b>	0.0%	0.0%	0.0%	97.0%	0.0%	-	0.2%	2.0%	0.7%	2,437.6	
Kelp Greenling	-	-	-	3.6%	1.4%	-	7.8%	0.1%	87.1%	42.5	
Spiny Dogfish	25.5%	7.1%	0.0%	62.4%	1.3%	0.0%	0.1%	0.0%	3.5%	569.7	
Other Fish	-	0.0%	0.0%	69.1%	5.1%	0.0%	6.2%	1.3%	18.2%	1,227.3	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

1996

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea		Shoreside		Shoreside	Shoreside		Shoreside		Recreational	
	Catcher-Processors	At Sea Motherships	Whiting LE Trawl	Non-whiting LE Trawl	Shoreside LE Line Gear	Shoreside LE Pot Gear	Directed OA	Incidental OA			
Lingcod - coastwide	0.0%	0.0%	0.0%	58.1%	2.6%	0.0%	11.5%	3.1%	24.6%	2,072.4	
N. of 42° (OR & WA)	0.0%	0.0%	0.1%	74.2%	0.8%	0.0%	9.0%	3.9%	12.0%	1,228.6	
S. of 42° (CA)	-	-	0.0%	34.7%	5.2%	-	15.2%	1.9%	43.0%	843.8	
Pacific Cod	-	0.0%	0.1%	97.4%	0.3%	0.0%	0.1%	1.9%	0.1%	444.6	
Pacific Whiting (Coastwide)	34.1%	23.1%	42.7%	0.0%	0.0%	-	0.0%	0.0%	0.0%	193,121.9	
Sablefish (Coastwide)	0.1%	0.0%	0.5%	55.0%	27.6%	7.2%	8.5%	1.1%	0.0%	7,511.3	
N. of 36° (Monterey north)	0.1%	0.0%	0.5%	54.7%	27.7%	7.5%	8.4%	1.1%	0.0%	7,169.5	
S. of 36° (Conception area)	-	-	-	62.6%	25.1%	-	12.2%	0.1%	-	341.8	
<b>PACIFIC OCEAN PERCH</b>	0.4%	0.2%	3.7%	93.7%	1.1%	0.0%	0.1%	0.7%	-	875.2	
Shortbelly Rockfish	14.4%	-	0.0%	84.2%	0.0%	-	0.1%	1.0%	0.2%	42.6	
<b>WIDOW ROCKFISH</b>	1.9%	1.9%	9.1%	85.7%	0.1%	0.0%	0.7%	0.2%	0.4%	6,305.2	
<b>CANARY ROCKFISH</b>	0.0%	0.1%	0.1%	74.0%	5.2%	0.0%	12.0%	2.0%	6.6%	1,306.0	
Chilipepper Rockfish	-	-	-	80.8%	0.7%	-	16.1%	0.6%	1.9%	1,728.1	
<b>BOCACCIO</b>	-	-	-	52.4%	1.3%	-	28.3%	0.4%	17.7%	526.2	
Splitnose Rockfish	-	-	-	98.6%	0.2%	-	1.1%	0.0%	0.0%	407.3	
Yellowtail Rockfish	4.2%	6.2%	8.5%	73.3%	0.6%	0.0%	1.3%	5.5%	0.6%	5,674.6	
Shortspine Thornyhead - coastwide	0.1%	-	0.0%	94.0%	4.9%	0.0%	0.9%	0.1%	0.0%	1,608.0	
N. of 34°27'	0.2%	-	0.0%	97.8%	1.7%	0.0%	0.2%	0.1%	0.0%	1,106.1	
S. of 34°27'	-	-	-	85.8%	11.8%	-	2.4%	0.0%	-	501.9	
Longspine Thornyhead - coastwide	-	-	0.0%	97.8%	2.0%	0.0%	0.2%	0.0%	-	4,857.6	
N. of 34°27'	-	-	0.0%	98.2%	1.6%	0.0%	0.2%	0.0%	-	4,840.3	
S. of 34°27'	-	-	-	-	98.2%	-	1.8%	-	-	17.3	
Other thornyheads	-	-	-	39.8%	44.8%	0.0%	15.4%	0.1%	-	110.5	
<b>COWCOD</b>	-	-	-	0.0%	8.6%	-	64.9%	0.2%	26.3%	21.5	
<b>DARKBLOTCHED</b>	0.8%	0.1%	0.8%	97.6%	0.2%	-	0.1%	0.3%	0.0%	739.0	
<b>YELLOWEYE</b>	0.2%	-	0.1%	49.5%	17.5%	-	17.5%	0.4%	14.8%	203.3	
Black Rockfish - coastwide	-	-	0.0%	1.7%	2.2%	-	21.1%	0.1%	74.9%	1,037.9	
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	234.9	
Black Rockfish (OR-CA)	-	-	0.0%	2.2%	2.8%	-	27.2%	0.1%	67.6%	803.0	
<b>Minor Rockfish North</b>	0.5%	0.6%	0.8%	64.1%	16.0%	0.1%	7.6%	8.3%	2.0%	2,670.0	
<b>Nearshore Species</b>	-	-	0.0%	0.0%	12.3%	-	41.2%	0.1%	46.3%	102.8	
<b>Shelf Species</b>	0.0%	0.1%	1.0%	59.6%	18.9%	0.1%	8.3%	11.7%	0.2%	1,800.7	
BOCACCIO: N. of Monterey	0.0%	0.1%	0.4%	80.3%	4.8%	-	12.6%	1.6%	0.2%	159.4	
Chilipepper Rockfish: Eureka	0.0%	-	0.0%	87.6%	3.5%	-	8.4%	0.4%	-	117.4	
Redstripe Rockfish	0.1%	0.1%	5.3%	94.1%	0.0%	-	0.3%	0.0%	0.1%	219.8	
Silvergrey Rockfish	0.0%	-	0.3%	98.7%	0.1%	-	0.1%	0.9%	0.0%	238.9	
Other Northern Shelf Rockfish	0.0%	0.1%	0.5%	37.5%	30.8%	0.2%	11.1%	19.4%	0.4%	1,065.2	
<b>Slope Species</b>	1.8%	2.0%	0.4%	83.3%	9.8%	-	1.3%	1.3%	0.1%	766.5	
Bank Rockfish	-	-	0.0%	96.9%	0.9%	-	2.1%	0.1%	-	25.0	
Sharpchin Rockfish, north	-	0.0%	0.8%	99.0%	-	-	0.0%	0.2%	-	206.7	
Splitnose Rockfish: N. of Monterey	5.9%	16.3%	0.2%	77.5%	-	-	-	0.1%	-	90.8	
Yellowmouth Rockfish	0.0%	0.1%	0.4%	98.6%	0.7%	-	0.1%	0.1%	-	112.6	
Other Northern Slope Rockfish	2.5%	0.1%	0.3%	68.8%	22.4%	-	2.9%	2.8%	0.2%	331.3	
<b>Minor Rockfish South</b>	-	-	-	30.9%	7.7%	0.0%	27.1%	0.9%	33.3%	3,074.2	
<b>Nearshore Species</b>	-	-	-	2.2%	4.3%	-	34.2%	0.6%	58.7%	834.6	
<b>Shelf Species</b>	-	-	-	16.9%	6.9%	0.0%	33.0%	1.6%	41.5%	1,232.4	
Redstripe Rockfish	-	-	-	-	-	-	-	-	100.0%	0.1	
Yellowtail Rockfish	-	-	-	33.5%	3.9%	-	17.0%	0.9%	44.7%	214.8	
Other Southern Shelf Rockfish	-	-	-	13.4%	7.6%	0.0%	36.3%	1.7%	40.9%	1,017.5	
<b>Slope Species</b>	-	-	-	71.9%	11.4%	0.0%	14.1%	0.3%	2.2%	1,007.2	
Bank Rockfish	-	-	-	89.9%	0.2%	-	5.9%	0.1%	3.9%	554.6	
Blackgill Rockfish	-	-	-	41.8%	31.0%	0.1%	27.1%	0.0%	-	362.5	
Sharpchin Rockfish	-	-	-	99.3%	0.1%	-	0.6%	0.0%	-	20.4	
Yellowmouth Rockfish	-	-	-	80.9%	-	-	19.1%	-	-	0.0	
Other Southern Slope Rockfish	-	-	-	77.5%	2.9%	-	16.3%	3.0%	0.3%	69.7	
California scorpionfish	-	-	-	-	1.9%	-	6.3%	5.0%	86.8%	191.9	
Cabezon (off CA only)	-	-	0.0%	0.3%	-	-	55.1%	1.8%	42.8%	198.2	
Dover Sole	0.0%	-	0.0%	99.1%	0.0%	0.0%	0.0%	0.8%	-	12,267.6	
English Sole	0.0%	0.0%	0.0%	97.2%	0.0%	-	0.1%	2.7%	0.0%	1,161.5	
Petrale Sole (coastwide)	-	-	0.0%	98.5%	0.0%	0.0%	0.1%	1.3%	0.0%	1,831.9	
N. of 40°10'	-	-	0.0%	98.5%	0.0%	0.0%	0.0%	1.5%	0.0%	1,377.9	
S. of 40°10'	-	-	-	98.4%	0.0%	-	0.4%	1.0%	0.1%	454.0	
<b>Arrowtooth Flounder</b>	0.0%	0.0%	0.1%	99.6%	0.0%	0.0%	0.0%	0.3%	-	2,180.7	
Starry Flounder	-	-	-	60.8%	0.1%	-	0.3%	32.0%	6.7%	45.9	
<b>Other Flatfish</b>	0.0%	0.0%	0.1%	92.7%	0.0%	0.0%	0.3%	4.2%	2.7%	2,014.4	
Kelp Greenling	-	-	-	0.1%	0.7%	-	6.5%	0.2%	92.5%	58.5	
Spiny Dogfish	11.0%	24.6%	0.9%	46.1%	5.2%	-	6.9%	0.1%	5.1%	423.3	
<b>Other Fish</b>	-	0.0%	0.0%	43.2%	33.4%	0.0%	17.2%	1.3%	4.8%	1,727.0	

1997

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea		Shoreside		Shoreside	Shoreside		Shoreside		Recreational	
	Catcher-Processors	At Sea Motherships	Whiting LE Trawl	Non-whiting LE Trawl	Shoreside LE Line Gear	Shoreside LE Pot Gear	Directed OA	Incidental OA			
Lingcod - coastwide	0.0%	0.0%	0.0%	58.3%	3.3%	0.0%	13.9%	3.0%	21.5%	2,005.9	
N. of 42° (OR & WA)	0.0%	0.0%	0.0%	69.6%	2.3%	0.0%	10.7%	3.9%	13.5%	1,229.6	
S. of 42° (CA)	-	-	0.0%	40.5%	4.8%	0.0%	18.9%	1.6%	34.2%	776.4	
Pacific Cod	-	0.0%	0.0%	99.0%	0.1%	-	0.2%	0.6%	0.1%	595.3	
Pacific Whiting (Coastwide)	34.2%	23.6%	42.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	207,131.7	
Sablefish (Coastwide)	0.0%	0.0%	0.6%	51.8%	33.9%	6.1%	7.0%	0.6%	0.0%	7,156.0	
N. of 36° (Monterey north)	0.0%	0.0%	0.6%	51.5%	33.7%	6.3%	7.2%	0.7%	0.1%	6,893.8	
S. of 36° (Conception area)	-	-	-	58.6%	39.2%	0.1%	2.0%	0.2%	-	262.1	
<b>PACIFIC OCEAN PERCH</b>	0.3%	0.2%	0.9%	97.4%	0.2%	0.1%	0.2%	0.6%	-	680.6	
Shortbelly Rockfish	0.6%	0.4%	0.0%	98.8%	-	-	-	0.1%	0.1%	79.1	
<b>WIDOW ROCKFISH</b>	1.1%	1.8%	2.4%	92.8%	0.1%	-	0.9%	0.2%	0.6%	6,694.4	
<b>CANARY ROCKFISH</b>	0.1%	0.0%	0.1%	63.1%	6.3%	0.0%	17.1%	1.8%	11.6%	1,258.4	
Chilipepper Rockfish	-	-	-	76.0%	0.7%	-	19.5%	0.2%	3.6%	2,021.2	
<b>BOCACCIO</b>	-	-	-	48.0%	2.6%	-	15.1%	0.2%	34.1%	459.0	
Splitnose Rockfish	-	-	-	98.2%	0.2%	-	1.5%	0.1%	-	437.3	
Yellowtail Rockfish	5.5%	6.8%	10.5%	61.8%	1.7%	-	4.6%	7.3%	1.9%	2,166.7	
Shortspine Thornyhead - coastwide	0.0%	0.0%	0.0%	96.0%	3.6%	0.0%	0.2%	0.2%	-	1,457.0	
N. of 34°27'	0.0%	0.0%	0.0%	97.4%	2.1%	0.0%	0.1%	0.3%	-	1,022.5	
S. of 34°27'	-	-	-	92.5%	7.1%	-	0.4%	0.0%	-	434.5	
Longspine Thornyhead - coastwide	-	-	0.0%	97.8%	1.8%	0.0%	0.3%	0.1%	-	3,937.2	
N. of 34°27'	-	-	0.0%	98.1%	1.4%	0.0%	0.3%	0.1%	-	3,923.9	
S. of 34°27'	-	-	-	-	100.0%	-	-	0.0%	-	13.3	
Other thornyheads	-	-	-	29.6%	66.1%	-	3.4%	0.9%	-	113.7	
<b>COWCOD</b>	-	-	-	-	16.9%	-	49.8%	2.0%	31.3%	7.9	
<b>DARKBLOTCHED</b>	0.2%	0.1%	0.1%	98.8%	0.1%	-	0.0%	0.7%	-	819.9	
<b>YELLOWWEYE</b>	0.0%	-	0.1%	37.9%	21.6%	-	23.8%	0.3%	16.3%	219.7	
Black Rockfish - coastwide	-	-	0.0%	2.5%	4.6%	-	25.2%	0.7%	67.0%	939.4	
Black Rockfish (WA)	-	-	-	0.5%	-	-	-	-	99.5%	181.3	
Black Rockfish (OR-CA)	-	-	0.0%	3.0%	5.6%	-	31.3%	0.9%	59.2%	758.1	
<b>Minor Rockfish North</b>	1.2%	0.2%	1.0%	69.0%	12.8%	0.1%	9.4%	2.1%	4.1%	2,218.1	
<b>Nearshore Species</b>	-	-	-	0.2%	7.8%	-	38.4%	0.0%	53.5%	157.7	
<b>Shelf Species</b>	0.0%	0.1%	1.7%	64.5%	19.1%	0.1%	11.0%	3.0%	0.5%	1,339.0	
BOCACCIO: N. of Monterey	0.0%	0.1%	0.3%	93.8%	1.6%	-	3.6%	0.3%	0.3%	168.4	
Chilipepper Rockfish: Eureka	-	0.0%	0.0%	75.5%	3.8%	-	19.7%	0.9%	0.1%	78.1	
Redstripe Rockfish	0.0%	0.7%	0.1%	98.6%	0.0%	-	0.0%	0.3%	0.2%	140.2	
Silvergrey Rockfish	0.1%	0.0%	1.2%	94.0%	1.5%	-	3.1%	0.1%	0.1%	88.6	
Other Northern Shelf Rockfish	0.0%	0.0%	2.4%	49.2%	28.9%	0.2%	14.2%	4.5%	0.7%	863.7	
<b>Slope Species</b>	3.7%	0.4%	0.1%	92.3%	2.1%	0.1%	0.3%	1.0%	0.0%	721.3	
Bank Rockfish	-	-	0.1%	97.7%	-	-	1.6%	0.7%	-	13.8	
Sharpchin Rockfish, north	0.0%	0.0%	0.0%	99.8%	0.0%	-	0.0%	0.2%	-	218.6	
Splitnose Rockfish: N. of Monterey	10.1%	1.3%	0.0%	88.0%	0.0%	-	0.0%	0.5%	-	149.7	
Yellowmouth Rockfish	0.1%	-	0.0%	99.3%	-	-	-	0.6%	-	84.7	
Other Northern Slope Rockfish	4.5%	0.3%	0.2%	85.8%	5.9%	0.4%	0.7%	2.1%	0.0%	254.5	
<b>Minor Rockfish South</b>	-	-	-	29.5%	8.0%	0.1%	22.8%	1.0%	38.6%	3,102.8	
<b>Nearshore Species</b>	-	-	-	1.5%	6.2%	0.0%	29.5%	0.6%	62.3%	873.7	
<b>Shelf Species</b>	-	-	-	18.8%	9.0%	0.0%	24.7%	1.7%	45.8%	1,395.7	
Redstripe Rockfish	-	-	-	91.1%	-	-	-	-	8.9%	3.3	
Yellowtail Rockfish	-	-	-	24.1%	5.4%	-	15.2%	0.1%	55.1%	728.6	
Other Southern Shelf Rockfish	-	-	-	12.5%	12.9%	0.0%	35.2%	3.6%	35.8%	663.8	
<b>Slope Species</b>	-	-	-	77.0%	8.4%	0.2%	12.8%	0.2%	1.5%	833.4	
Bank Rockfish	-	-	-	89.5%	0.1%	-	7.4%	0.2%	2.8%	414.1	
Blackgill Rockfish	-	-	-	48.2%	25.6%	0.7%	25.3%	0.3%	-	269.7	
Sharpchin Rockfish	-	-	-	99.9%	-	-	0.1%	0.0%	-	99.9	
Yellowmouth Rockfish	-	-	-	100.0%	-	-	-	-	-	0.6	
Other Southern Slope Rockfish	-	-	-	82.4%	1.0%	-	15.2%	0.3%	1.0%	49.0	
California scorpionfish	-	-	-	4.2%	0.5%	-	11.6%	7.9%	75.8%	136.9	
Cabezon (off CA only)	-	-	-	-	4.8%	-	63.0%	1.0%	31.2%	192.1	
Dover Sole	-	-	0.0%	99.2%	0.0%	0.0%	0.0%	0.7%	-	10,191.7	
English Sole	-	0.0%	0.0%	95.6%	0.0%	-	0.0%	4.4%	-	1,495.2	
Petrale Sole (coastwide)	-	-	0.0%	96.6%	0.1%	0.0%	0.0%	3.2%	0.0%	1,928.3	
N. of 40°10'	-	-	0.0%	96.0%	0.0%	0.0%	0.0%	3.9%	0.0%	1,446.8	
S. of 40°10'	-	-	-	98.3%	0.3%	-	0.1%	1.2%	0.0%	481.5	
<b>Arrowtooth Flounder</b>	0.0%	0.0%	0.0%	99.7%	0.0%	0.0%	0.0%	0.2%	-	2,330.9	
Starry Flounder	-	-	-	64.4%	0.0%	-	0.3%	31.6%	3.6%	91.5	
Other Flatfish	0.0%	0.0%	0.2%	90.0%	0.0%	-	0.3%	7.6%	1.9%	2,018.5	
Kelp Greenling	-	-	-	-	4.1%	-	33.1%	0.2%	62.6%	57.9	
Spiny Dogfish	21.9%	10.3%	0.5%	52.9%	0.4%	-	13.0%	0.1%	0.8%	634.2	
Other Fish	0.0%	0.0%	0.0%	51.8%	27.1%	-	13.4%	1.7%	6.0%	1,093.6	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

1998

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)	
	Trawl Sectors					Non-Trawl Sectors						
	At-Sea		Shoreside		Shoreside		Shoreside		Shoreside			Recreational
	Catcher-Processors	At Sea Motherships	Whiting LE Trawl	Non-whiting LE Trawl	Shoreside LE Line Gear	Shoreside LE Pot Gear	Directed OA	Incidental OA	Recreational			
Lingcod - coastwide	-	0.0%	0.1%	30.8%	3.5%	0.1%	12.6%	2.9%	50.1%	706.5		
N. of 42° (OR & WA)	-	0.0%	0.0%	47.2%	4.5%	0.1%	10.6%	4.3%	33.2%	303.3		
S. of 42° (CA)	-	-	0.1%	18.4%	2.7%	0.1%	14.0%	1.8%	62.9%	403.2		
Pacific Cod	-	-	0.2%	98.6%	0.2%	0.0%	0.1%	0.6%	0.4%	411.7		
Pacific Whiting (Coastwide)	33.8%	23.9%	42.2%	0.1%	0.0%	-	0.0%	0.0%	0.0%	207,901.9		
Sablefish (Coastwide)	0.7%	0.0%	0.7%	53.7%	29.9%	9.6%	4.5%	0.8%	0.1%	3,995.9		
N. of 36° (Monterey north)	0.7%	0.0%	0.7%	53.7%	29.1%	10.2%	4.7%	0.8%	0.1%	3,782.2		
S. of 36° (Conception area)	-	-	-	53.6%	44.6%	-	1.6%	0.3%	-	213.7		
<b>PACIFIC OCEAN PERCH</b>	2.2%	1.3%	3.4%	92.9%	0.0%	0.0%	0.0%	0.2%	-	656.9		
Shortbelly Rockfish	0.1%	-	6.5%	92.1%	0.0%	-	0.0%	1.2%	0.1%	20.5		
<b>WIDOW ROCKFISH</b>	2.9%	4.1%	8.3%	79.3%	0.3%	-	3.7%	0.2%	1.2%	4,221.0		
<b>CANARY ROCKFISH</b>	0.0%	0.2%	0.1%	70.6%	8.3%	0.0%	13.0%	1.5%	6.4%	1,277.9		
Chilipepper Rockfish	-	-	-	77.5%	1.2%	-	19.9%	0.9%	0.5%	1,337.2		
<b>BOCACCIO</b>	-	-	-	29.9%	4.0%	-	37.4%	1.1%	27.5%	186.8		
Splitnose Rockfish	-	-	-	96.0%	0.0%	-	3.3%	0.7%	0.0%	1,359.3		
Yellowtail Rockfish	2.1%	11.2%	16.8%	56.8%	1.5%	0.0%	4.2%	5.2%	2.1%	2,976.7		
Shortspine Thornyhead - coastwide	0.2%	0.0%	0.1%	94.9%	4.6%	0.0%	0.1%	0.1%	-	1,247.5		
N. of 34°27'	0.3%	0.0%	0.1%	97.5%	1.9%	0.0%	0.1%	0.1%	-	877.7		
S. of 34°27'	-	-	-	88.8%	11.0%	0.0%	0.1%	0.1%	-	369.7		
Longspine Thornyhead - coastwide	0.0%	-	0.0%	99.2%	0.7%	-	0.0%	0.1%	-	2,241.9		
N. of 34°27'	0.0%	-	0.0%	99.7%	0.2%	-	0.0%	0.1%	-	2,230.9		
S. of 34°27'	-	-	-	-	99.1%	-	0.5%	0.5%	-	11.0		
Other thornyheads	-	-	-	34.2%	61.1%	-	3.5%	1.2%	-	48.6		
<b>COWCOD</b>	-	-	-	-	13.6%	-	22.8%	4.4%	59.2%	4.8		
<b>DARKBLOTTED</b>	0.7%	1.3%	0.5%	94.5%	0.6%	0.0%	1.1%	1.1%	-	954.4		
<b>YELLOWEYE</b>	0.0%	-	0.2%	27.5%	14.8%	-	20.9%	0.1%	36.5%	107.0		
Black Rockfish - coastwide	-	-	0.1%	8.2%	3.4%	0.0%	17.8%	0.1%	70.4%	985.0		
Black Rockfish (WA)	-	-	0.3%	7.3%	-	-	-	-	92.5%	242.7		
Black Rockfish (OR-CA)	-	-	0.0%	8.6%	4.5%	0.0%	23.7%	0.1%	63.1%	742.4		
<b>Minor Rockfish North</b>	1.0%	0.4%	1.9%	67.0%	15.7%	0.1%	7.2%	2.5%	4.2%	2,196.6		
<b>Nearshore Species</b>	-	-	-	2.9%	12.1%	-	32.2%	0.1%	52.7%	158.3		
<b>Shelf Species</b>	0.2%	0.1%	1.6%	69.7%	17.2%	0.2%	7.2%	3.2%	0.6%	1,452.7		
BOCACCIO: N. of Monterey	0.0%	1.0%	0.3%	89.0%	0.9%	-	7.7%	0.7%	0.5%	100.1		
Chilipepper Rockfish: Eureka	0.0%	0.0%	0.5%	95.9%	0.2%	-	0.6%	2.8%	-	74.1		
Redstripe Rockfish	0.0%	0.0%	0.3%	99.2%	0.0%	-	0.0%	0.2%	0.2%	111.5		
Silvergrey Rockfish	0.1%	0.0%	1.1%	98.2%	0.0%	-	0.5%	-	0.1%	186.6		
Other Northern Shelf Rockfish	0.2%	0.0%	2.0%	57.0%	25.4%	0.3%	9.8%	4.5%	0.8%	980.5		
<b>Slope Species</b>	3.5%	1.2%	3.1%	77.5%	13.1%	0.0%	0.4%	1.2%	0.0%	585.6		
Bank Rockfish	-	-	0.0%	76.0%	13.2%	-	9.6%	1.2%	-	3.6		
Sharpchin Rockfish, north	-	0.1%	0.4%	98.8%	0.0%	-	0.0%	0.7%	-	104.1		
Splitnose Rockfish: N. of Monterey	2.6%	0.5%	9.7%	85.4%	0.0%	-	0.1%	1.6%	-	168.8		
Yellowmouth Rockfish	0.0%	6.7%	0.1%	93.1%	-	0.0%	0.0%	0.1%	-	42.9		
Other Northern Slope Rockfish	6.0%	1.3%	0.5%	61.6%	28.6%	0.0%	0.6%	1.3%	0.0%	266.2		
<b>Minor Rockfish South</b>	-	-	-	30.8%	8.5%	0.1%	29.2%	1.0%	30.4%	2,642.3		
<b>Nearshore Species</b>	-	-	-	0.1%	4.5%	0.4%	30.2%	0.4%	64.4%	755.4		
<b>Shelf Species</b>	-	-	-	23.4%	8.4%	0.0%	36.0%	2.1%	30.1%	1,044.2		
Redstripe Rockfish	-	-	-	87.9%	0.5%	-	4.5%	-	7.1%	0.7		
Yellowtail Rockfish	-	-	-	28.8%	5.8%	0.0%	39.1%	0.2%	26.1%	427.6		
Other Southern Shelf Rockfish	-	-	-	19.5%	10.1%	0.0%	33.9%	3.4%	33.0%	615.9		
<b>Slope Species</b>	-	-	-	67.6%	12.1%	0.0%	19.8%	0.1%	0.4%	842.8		
Bank Rockfish	-	-	-	73.6%	1.6%	-	24.3%	0.1%	0.4%	566.1		
Blackgill Rockfish	-	-	-	50.3%	39.8%	0.0%	9.9%	0.1%	-	227.7		
Sharpchin Rockfish	-	-	-	99.0%	0.2%	-	0.9%	0.0%	-	10.3		
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-		
Other Southern Slope Rockfish	-	-	-	73.2%	5.7%	0.3%	18.1%	1.3%	1.5%	38.7		
California scorpionfish	-	-	-	-	0.7%	-	26.1%	6.1%	67.1%	123.5		
Cabezon (off CA only)	-	-	-	-	0.9%	1.3%	67.5%	1.1%	29.3%	250.0		
Dover Sole	0.0%	0.0%	0.0%	99.3%	0.0%	0.0%	0.0%	0.7%	-	8,117.5		
English Sole	-	0.0%	0.1%	97.6%	0.0%	-	0.0%	2.3%	-	1,150.4		
Petrale Sole (coastwide)	-	-	0.1%	98.1%	0.0%	-	0.0%	1.7%	0.0%	1,486.6		
N. of 40°10'	-	-	0.1%	98.4%	0.0%	-	-	1.5%	0.0%	1,223.1		
S. of 40°10'	-	-	-	96.9%	0.2%	-	0.2%	2.8%	-	263.5		
<b>Arrowtooth Flounder</b>	0.0%	0.0%	0.0%	99.8%	0.0%	0.0%	0.0%	0.2%	-	3,199.1		
Starry Flounder	-	-	-	61.3%	0.0%	-	0.1%	29.3%	9.2%	86.4		
<b>Other Flatfish</b>	0.0%	0.0%	0.3%	94.5%	0.1%	-	0.2%	4.0%	0.9%	1,623.5		
Kelp Greenling	-	-	-	0.1%	3.6%	1.1%	43.7%	0.0%	51.5%	36.1		
Spiny Dogfish	8.4%	23.7%	8.2%	58.8%	0.1%	-	0.3%	0.0%	0.4%	683.8		
Other Fish	0.1%	0.0%	0.0%	65.7%	16.6%	0.1%	7.7%	2.8%	6.9%	948.0		



Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

1999

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea Catcher-Processors		Shoreside Whiting LE		Shoreside Non-whiting LE	Shoreside LE		Shoreside		Recreational	
	Processors	Motherships	Trawl	LE Trawl	Line Gear	Pot Gear	Directed OA	Incidental OA			
Lingcod - coastwide	0.0%	0.0%	0.1%	26.1%	3.9%	0.0%	8.9%	5.5%	55.6%	831.3	
N. of 42° (OR & WA)	0.0%	0.0%	0.2%	38.8%	6.4%	0.1%	9.3%	10.8%	34.5%	345.4	
S. of 42° (CA)	-	-	0.0%	17.0%	2.1%	0.0%	8.6%	1.8%	70.6%	485.8	
Pacific Cod	0.0%	0.0%	0.1%	98.6%	0.4%	-	0.1%	0.6%	0.1%	280.7	
Pacific Whiting (Coastwide)	34.1%	23.9%	42.0%	0.0%	0.0%	-	0.0%	0.0%	0.0%	198,658.4	
Sablefish (Coastwide)	0.0%	0.0%	0.1%	52.8%	29.1%	11.8%	5.2%	1.0%	0.0%	5,980.2	
N. of 36° (Monterey north)	0.0%	0.0%	0.1%	53.0%	28.5%	12.2%	5.2%	1.0%	0.0%	5,798.5	
S. of 36° (Conception area)	-	-	-	45.7%	47.5%	-	6.7%	0.1%	-	181.7	
<b>PACIFIC OCEAN PERCH</b>	1.7%	0.7%	0.3%	95.3%	0.2%	0.0%	0.1%	1.7%	-	546.1	
Shortbelly Rockfish	-	0.0%	67.8%	27.4%	-	-	-	4.8%	-	8.1	
<b>WIDOW ROCKFISH</b>	2.5%	1.4%	4.7%	89.0%	0.4%	-	1.0%	0.3%	0.8%	4,148.2	
<b>CANARY ROCKFISH</b>	0.1%	0.1%	0.2%	65.3%	7.9%	-	8.8%	4.9%	12.5%	786.4	
Chilipepper Rockfish	-	-	-	84.6%	1.4%	-	10.6%	0.8%	2.6%	925.2	
<b>BOCACCI</b>	-	-	-	17.1%	2.4%	-	12.2%	0.7%	67.6%	183.5	
Splitnose Rockfish	-	-	-	99.5%	0.3%	-	0.1%	0.1%	0.0%	206.7	
Yellowtail Rockfish	14.0%	10.7%	15.7%	54.0%	1.1%	-	1.3%	2.2%	0.9%	3,037.8	
Shortspine Thornyhead - coastwide	0.0%	-	0.1%	86.7%	12.1%	0.0%	0.9%	0.2%	0.1%	822.0	
N. of 34°27'	0.0%	-	0.1%	96.6%	3.0%	0.0%	0.0%	0.2%	0.1%	544.9	
S. of 34°27'	-	-	-	67.3%	29.9%	0.0%	2.7%	0.2%	0.0%	277.1	
Longspine Thornyhead - coastwide	-	-	0.0%	98.3%	1.4%	-	0.1%	0.1%	-	1,800.8	
N. of 34°27'	-	-	0.0%	99.1%	0.7%	-	0.1%	0.1%	-	1,785.8	
S. of 34°27'	-	-	-	-	95.0%	-	5.0%	0.0%	-	15.0	
Other thornyheads	-	-	-	87.2%	10.0%	-	2.3%	0.6%	-	41.4	
<b>COWCOD</b>	-	-	-	-	4.0%	-	23.0%	0.6%	72.5%	7.7	
<b>DARKBLOTCHED</b>	1.9%	1.2%	0.2%	94.4%	0.2%	-	0.1%	2.1%	-	366.3	
<b>YELLOWEYE</b>	0.0%	-	0.1%	18.0%	35.8%	-	11.5%	0.6%	34.1%	141.8	
Black Rockfish - coastwide	0.0%	-	0.0%	0.6%	2.3%	-	19.5%	0.3%	77.3%	784.4	
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	154.2	
Black Rockfish (OR-CA)	0.0%	-	0.0%	0.7%	2.8%	-	24.3%	0.4%	71.7%	630.2	
<b>Minor Rockfish North</b>	1.0%	0.9%	1.2%	58.7%	21.3%	0.2%	6.5%	4.2%	6.0%	1,251.0	
<b>Nearshore Species</b>	-	-	-	0.1%	12.4%	-	35.8%	0.0%	51.7%	125.7	
<b>Shelf Species</b>	0.1%	0.5%	1.4%	54.2%	31.6%	0.4%	4.6%	5.8%	1.4%	771.2	
BOCACCI: N. of Monterey	0.5%	0.4%	0.3%	80.8%	5.4%	-	10.0%	1.2%	1.6%	53.6	
Chilipepper Rockfish: Eureka	-	2.4%	0.1%	90.3%	-	-	0.0%	7.1%	0.0%	49.0	
Redstripe Rockfish	1.6%	6.8%	0.2%	90.6%	-	-	-	0.6%	0.2%	36.3	
Silvergrey Rockfish	0.2%	0.4%	0.2%	98.1%	0.7%	-	0.2%	0.0%	0.2%	74.4	
Other Northern Shelf Rockfish	0.0%	0.0%	1.8%	40.3%	43.1%	0.5%	5.4%	7.2%	1.7%	558.0	
<b>Slope Species</b>	3.2%	2.0%	1.1%	89.1%	1.9%	-	0.4%	2.2%	0.0%	354.1	
Bank Rockfish	-	-	0.0%	98.9%	-	-	-	1.1%	-	13.4	
Sharpchin Rockfish, north	0.1%	0.0%	0.1%	99.1%	0.0%	-	0.0%	0.8%	-	53.6	
Splitnose Rockfish: N. of Monterey	9.6%	-	4.2%	84.5%	0.0%	-	0.0%	1.6%	-	66.2	
Yellowmouth Rockfish	0.6%	0.0%	0.0%	99.4%	-	-	-	0.0%	-	28.4	
Other Northern Slope Rockfish	2.4%	3.7%	0.6%	85.8%	3.5%	-	0.8%	3.3%	0.0%	192.4	
<b>Minor Rockfish South</b>	-	-	-	7.5%	3.8%	0.3%	16.9%	0.8%	70.8%	1,655.7	
<b>Nearshore Species</b>	-	-	-	1.8%	2.1%	0.6%	25.6%	0.3%	69.6%	716.7	
<b>Shelf Species</b>	-	-	-	4.3%	3.9%	0.0%	9.4%	1.2%	81.1%	822.9	
Redstripe Rockfish	-	-	-	60.2%	-	-	-	-	39.8%	0.4	
Yellowtail Rockfish	-	-	-	5.8%	2.5%	-	9.4%	0.2%	82.2%	250.1	
Other Southern Shelf Rockfish	-	-	-	3.7%	4.5%	0.0%	9.4%	1.7%	80.7%	572.4	
<b>Slope Species</b>	-	-	-	64.4%	14.1%	0.2%	15.9%	0.6%	4.8%	116.1	
Bank Rockfish	-	-	-	59.5%	0.0%	-	23.6%	1.3%	15.6%	31.5	
Blackgill Rockfish	-	-	-	52.6%	30.1%	0.5%	16.0%	0.2%	0.6%	52.5	
Sharpchin Rockfish	-	-	-	100.0%	-	-	-	-	-	0.5	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	88.3%	1.6%	0.0%	8.3%	0.6%	1.2%	31.6	
California scorpionfish	-	-	-	-	0.0%	-	17.0%	4.4%	78.6%	177.7	
Cabezon (off CA only)	-	-	-	0.0%	0.5%	1.7%	70.8%	1.2%	25.7%	168.5	
Dover Sole	0.0%	-	0.0%	98.7%	0.0%	0.0%	0.0%	1.3%	-	9,251.1	
English Sole	0.0%	0.0%	0.0%	96.3%	0.0%	-	0.0%	3.7%	-	922.1	
Petrale Sole (coastwide)	-	-	0.0%	97.6%	0.0%	-	0.0%	2.4%	0.0%	1,510.0	
N. of 40°10'	-	-	0.0%	97.4%	0.0%	-	-	2.6%	0.0%	1,257.4	
S. of 40°10'	-	-	-	98.5%	0.0%	-	0.0%	1.4%	0.0%	252.6	
<b>Arrowtooth Flounder</b>	0.0%	0.0%	0.1%	99.6%	0.0%	0.0%	0.0%	0.3%	-	5,359.6	
Starry Flounder	-	-	-	42.3%	0.0%	-	0.5%	47.8%	9.4%	52.4	
<b>Other Flatfish</b>	0.0%	0.0%	0.1%	95.1%	0.0%	0.0%	0.2%	3.4%	1.1%	1,980.1	
Kelp Greenling	-	-	-	-	6.1%	0.9%	55.4%	0.1%	37.5%	62.6	
Spiny Dogfish	15.1%	19.3%	4.9%	53.4%	4.8%	0.0%	1.1%	0.0%	1.4%	804.9	
Other Fish	0.0%	0.0%	0.0%	50.3%	16.0%	-	16.2%	5.4%	12.1%	634.3	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

Stock or Complex	2000										
	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea Catcher-Processors	At Sea Motherships	Shoreside Whiting LE Trawl	Shoreside Non-whiting LE Trawl	Shoreside Line Gear	Shoreside Pot Gear	Shoreside Directed OA	Shoreside Incidental OA	Recreational		
Lingcod - coastwide	-	0.1%	0.2%	15.5%	3.6%	0.1%	8.8%	6.5%	65.3%	426.4	
N. of 42° (OR & WA)	-	0.2%	0.5%	21.5%	5.9%	0.1%	9.7%	14.4%	47.7%	177.2	
S. of 42° (CA)	-	-	0.0%	11.2%	2.0%	0.0%	8.1%	0.8%	77.8%	249.2	
Pacific Cod	0.1%	-	0.0%	98.8%	0.4%	-	0.0%	0.7%	-	277.2	
Pacific Whiting (Coastwide)	34.5%	21.7%	43.7%	0.0%	0.0%	-	0.0%	0.0%	-	196,269.5	
Sablefish (Coastwide)	0.8%	0.0%	0.0%	47.5%	30.2%	12.3%	7.8%	1.2%	0.0%	5,661.8	
N. of 36° (Monterey north)	0.8%	0.0%	0.0%	47.9%	29.6%	12.6%	7.7%	1.3%	0.0%	5,539.7	
S. of 36° (Conception area)	-	-	-	29.7%	56.8%	-	13.2%	0.4%	-	122.0	
PACIFIC OCEAN PERCH	4.5%	1.4%	0.2%	93.3%	0.2%	-	0.0%	0.3%	0.0%	145.1	
Shortbelly Rockfish	4.2%	0.0%	11.5%	84.3%	-	-	-	-	-	20.3	
WIDOW ROCKFISH	1.7%	3.5%	2.1%	91.8%	0.1%	-	0.4%	0.1%	0.4%	4,051.8	
CANARY ROCKFISH	0.5%	0.2%	0.7%	22.6%	4.8%	-	3.4%	8.7%	59.1%	159.6	
Chilipepper Rockfish	-	-	-	78.7%	1.8%	-	10.4%	0.5%	8.6%	457.0	
BOCACCI	-	-	-	12.5%	1.7%	-	3.6%	0.6%	81.6%	137.2	
Splitnose Rockfish	-	-	-	93.8%	5.8%	-	0.3%	0.0%	-	89.0	
Yellowtail Rockfish	7.8%	6.6%	5.5%	76.2%	0.1%	-	0.1%	2.9%	0.7%	3,440.0	
Shortspine Thornyhead - coastwide	2.3%	0.0%	0.2%	90.4%	6.1%	0.0%	0.9%	0.0%	-	843.7	
N. of 34°27'	3.8%	0.0%	0.4%	93.4%	2.3%	0.0%	0.1%	0.0%	-	516.1	
S. of 34°27'	-	-	-	85.7%	12.1%	-	2.2%	0.1%	-	327.6	
Longspine Thornyhead - coastwide	0.0%	-	0.0%	96.0%	3.5%	-	0.5%	0.1%	-	1,486.4	
N. of 34°27'	0.0%	-	0.0%	97.7%	2.1%	-	0.0%	0.1%	-	1,459.6	
S. of 34°27'	-	-	-	-	74.6%	-	25.4%	-	-	26.8	
Other thornyheads	-	-	-	81.2%	13.6%	-	5.2%	0.0%	-	72.1	
COWCOD	-	-	-	-	0.6%	-	3.8%	1.0%	94.6%	6.6	
DARKBLOTCHED	1.4%	1.8%	1.4%	90.9%	3.6%	-	0.2%	0.6%	-	262.8	
YELLOWWEYE	10.3%	-	0.0%	3.1%	10.8%	-	5.3%	0.6%	70.0%	39.7	
Black Rockfish - coastwide	0.2%	-	0.0%	0.2%	2.7%	-	17.0%	0.5%	79.4%	750.5	
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	143.3	
Black Rockfish (OR-CA)	0.2%	-	0.0%	0.3%	3.3%	-	21.1%	0.6%	74.5%	607.2	
Minor Rockfish North	11.2%	4.8%	6.4%	49.1%	11.3%	0.8%	5.2%	2.2%	9.0%	707.3	
Nearshore Species	-	-	-	0.3%	11.7%	0.7%	28.2%	0.8%	58.3%	97.7	
Shelf Species	0.7%	19.1%	19.3%	33.4%	15.5%	0.2%	4.3%	3.5%	4.0%	158.0	
BOCACCI: N. of Monterey	5.7%	21.8%	6.2%	52.3%	0.2%	-	0.3%	0.4%	13.0%	7.8	
Chilipepper Rockfish: Eureka	-	17.1%	54.1%	27.5%	0.3%	-	0.0%	1.1%	0.0%	51.6	
Redstripe Rockfish	9.6%	12.5%	0.1%	77.3%	-	-	-	-	0.6%	6.2	
Silvergrey Rockfish	1.2%	6.6%	-	86.1%	-	-	-	0.2%	5.9%	1.5	
Other Northern Shelf Rockfish	0.0%	20.7%	2.4%	31.3%	26.7%	0.3%	7.5%	5.5%	5.7%	91.0	
Slope Species	17.3%	0.8%	3.2%	65.2%	9.8%	1.1%	0.6%	2.0%	0.0%	451.5	
Bank Rockfish	0.4%	-	2.7%	91.4%	3.2%	-	0.2%	2.1%	-	3.3	
Sharpchin Rockfish, north	0.3%	0.0%	0.3%	98.0%	1.2%	-	0.1%	0.1%	-	12.6	
Splitnose Rockfish: N. of Monterey	21.6%	3.8%	16.3%	55.8%	1.5%	-	0.1%	0.9%	-	60.6	
Yellowmouth Rockfish	0.9%	0.0%	-	99.1%	-	-	-	-	-	11.5	
Other Northern Slope Rockfish	17.9%	0.4%	1.2%	64.3%	11.9%	1.3%	0.7%	2.3%	0.0%	363.6	
Minor Rockfish South	-	-	-	13.5%	5.6%	0.0%	12.9%	0.7%	67.3%	1,305.7	
Nearshore Species	-	-	-	0.1%	3.3%	0.1%	23.0%	0.5%	73.0%	580.1	
Shelf Species	-	-	-	5.6%	2.3%	-	5.1%	1.2%	85.8%	526.8	
Redstripe Rockfish	-	-	-	-	11.1%	-	45.1%	-	43.8%	0.4	
Yellowtail Rockfish	-	-	-	13.3%	1.1%	-	2.8%	0.5%	82.4%	162.8	
Other Southern Shelf Rockfish	-	-	-	2.2%	2.8%	-	6.0%	1.5%	87.4%	363.6	
Slope Species	-	-	-	73.3%	21.1%	0.0%	3.9%	0.3%	1.4%	198.9	
Bank Rockfish	-	-	-	87.0%	7.1%	-	2.9%	0.0%	3.0%	90.6	
Blackgill Rockfish	-	-	-	61.6%	33.8%	0.0%	4.2%	0.3%	-	86.0	
Sharpchin Rockfish	-	-	-	92.9%	7.1%	-	-	-	-	0.4	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	62.0%	29.7%	-	7.3%	1.0%	-	21.9	
California scorpionfish	-	-	-	-	0.0%	-	10.7%	5.6%	83.6%	107.0	
Cabezon (off CA only)	-	-	-	0.0%	1.7%	0.3%	69.2%	2.7%	26.1%	157.8	
Dover Sole	0.0%	0.0%	0.0%	99.2%	0.0%	0.0%	0.0%	0.7%	-	8,881.1	
English Sole	0.0%	0.0%	0.1%	96.5%	0.0%	-	0.0%	3.4%	-	770.5	
Petrale Sole (coastwide)	-	-	0.0%	97.3%	0.0%	-	0.0%	2.6%	0.0%	1,900.7	
N. of 40°10'	-	-	0.0%	97.1%	0.0%	-	-	2.8%	0.0%	1,661.2	
S. of 40°10'	-	-	-	98.5%	0.0%	-	0.0%	1.4%	0.1%	239.4	
Arrowtooth Flounder	0.1%	0.1%	0.1%	99.1%	0.0%	0.0%	0.0%	0.6%	-	3,306.9	
Starry Flounder	-	-	-	57.5%	0.0%	-	0.6%	27.9%	14.1%	43.7	
Other Flatfish	0.3%	0.1%	0.0%	92.4%	0.0%	-	0.5%	2.8%	3.9%	1,647.1	
Kelp Greenling	-	-	-	-	5.5%	0.2%	48.7%	0.4%	45.2%	78.1	
Spiny Dogfish	3.6%	6.7%	4.9%	38.5%	44.0%	-	0.7%	0.3%	1.4%	713.2	
Other Fish	0.2%	0.0%	0.1%	50.5%	7.4%	0.0%	25.4%	4.6%	11.8%	468.7	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

Stock or Complex	2001									
	Non-Treaty Sectors					Non-Treaty Sectors				
	Trawl Sectors			Non-Trawl Sectors						
	At-Sea Catcher-Processors	At Sea Motherships	Shoreside Whiting LE Trawl	Shoreside Non-whiting LE Trawl	Shoreside Line Gear	Shoreside Pot Gear	Shoreside Directed OA	Shoreside Incidental OA	Recreational	Non-Treaty Total (mt)
Lingcod - coastwide	0.0%	0.1%	0.2%	14.1%	3.9%	0.3%	14.1%	4.1%	63.0%	410.2
N. of 42° (OR & WA)	0.1%	0.3%	0.4%	16.9%	6.7%	0.7%	15.2%	7.8%	51.9%	185.4
S. of 42° (CA)	-	-	-	11.8%	1.6%	0.0%	13.2%	1.1%	72.2%	224.8
Pacific Cod	0.0%	0.0%	0.0%	99.0%	0.4%	-	0.1%	0.5%	0.0%	318.4
Pacific Whiting (Coastwide)	35.0%	21.2%	43.8%	0.0%	0.0%	-	-	0.0%	0.0%	167,690.4
Sablefish (Coastwide)	0.4%	0.0%	0.9%	50.3%	26.9%	11.1%	9.4%	0.9%	0.1%	4,993.1
N. of 36° (Monterey north)	0.4%	0.0%	1.0%	51.2%	25.6%	11.4%	9.4%	0.9%	0.1%	4,851.4
S. of 36° (Conception area)	-	-	-	20.0%	69.7%	-	9.3%	0.9%	0.1%	141.7
<b>PACIFIC OCEAN PERCH</b>	9.5%	0.0%	0.0%	90.4%	0.0%	0.0%	0.0%	0.0%	-	207.1
Shortbelly Rockfish	0.1%	83.6%	1.9%	13.5%	-	-	0.9%	-	0.1%	32.5
<b>WIDOW ROCKFISH</b>	7.1%	1.4%	2.2%	87.8%	0.1%	0.0%	0.7%	0.1%	0.7%	1,970.7
<b>CANARY ROCKFISH</b>	0.7%	1.3%	1.6%	26.7%	7.9%	0.0%	5.5%	4.1%	52.2%	88.6
Chilipepper Rockfish	-	-	-	78.3%	0.8%	-	7.1%	0.2%	13.7%	379.9
<b>BOCACCIO</b>	-	-	-	10.2%	1.8%	-	4.6%	0.4%	83.0%	131.3
Splitnose Rockfish	-	-	-	97.7%	1.0%	-	1.2%	0.2%	-	92.5
Yellowtail Rockfish	1.8%	4.9%	5.7%	82.4%	0.2%	-	0.1%	3.8%	1.1%	1,801.1
Shortspine Thornyhead - coastwide	2.8%	0.0%	0.0%	87.3%	9.4%	0.0%	0.3%	0.1%	-	539.7
N. of 34°27'	4.1%	0.0%	0.0%	93.5%	2.3%	0.1%	0.0%	0.1%	-	373.8
S. of 34°27'	-	-	-	73.4%	25.5%	-	0.9%	0.2%	-	165.9
Longspine Thornyhead - coastwide	-	-	0.0%	96.2%	3.1%	0.0%	0.6%	0.1%	-	1,175.9
N. of 34°27'	-	-	0.0%	98.8%	1.1%	0.0%	0.0%	0.1%	-	1,145.2
S. of 34°27'	-	-	-	-	79.0%	-	20.8%	0.3%	-	30.7
Other thornyheads	-	-	-	44.9%	47.5%	-	7.1%	0.5%	-	48.0
<b>COWCOD</b>	-	-	-	-	-	-	-	-	-	-
<b>DARKBLOTCHED</b>	6.7%	0.3%	2.7%	88.6%	1.3%	0.0%	0.2%	0.2%	-	172.2
<b>YELLOWEYE</b>	-	-	0.0%	5.6%	18.3%	-	8.2%	0.0%	67.9%	35.5
Black Rockfish - coastwide	-	0.0%	-	0.1%	4.6%	0.0%	20.0%	0.3%	75.0%	988.8
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	175.7
Black Rockfish (OR-CA)	-	0.0%	-	0.1%	5.6%	0.0%	24.3%	0.3%	69.6%	813.1
<b>Minor Rockfish North</b>	8.2%	3.0%	0.9%	57.4%	10.8%	0.5%	8.0%	1.0%	10.2%	570.7
<b>Nearshore Species</b>	-	-	-	0.5%	17.7%	0.1%	33.9%	0.4%	47.6%	110.3
<b>Shelf Species</b>	0.3%	6.1%	1.0%	78.3%	8.4%	0.0%	2.0%	1.3%	2.5%	241.1
BOCACCIO: N. of Monterey	1.4%	0.6%	4.7%	82.3%	-	-	0.0%	0.0%	10.9%	14.7
Chilipepper Rockfish: Eureka	0.2%	2.4%	0.6%	96.7%	0.1%	-	-	0.1%	0.0%	141.3
Redstripe Rockfish	0.4%	64.2%	-	34.6%	-	-	-	-	0.8%	17.6
Silvergrey Rockfish	2.3%	0.3%	0.0%	94.3%	2.0%	-	0.1%	-	1.1%	4.6
Other Northern Shelf Rockfish	0.3%	0.1%	1.5%	47.1%	31.8%	0.0%	7.7%	4.9%	6.6%	62.9
<b>Slope Species</b>	20.9%	1.0%	1.2%	63.1%	10.0%	1.2%	1.7%	1.0%	0.0%	219.4
Bank Rockfish	45.3%	1.0%	-	53.7%	-	-	-	-	-	0.5
Sharpchin Rockfish, north	26.1%	0.1%	0.0%	73.8%	-	-	-	0.0%	-	6.4
Splitnose Rockfish: N. of Monterey	56.3%	3.7%	4.6%	35.0%	-	-	-	0.4%	-	42.4
Yellowmouth Rockfish	-	-	-	100.0%	-	-	-	0.0%	-	4.5
Other Northern Slope Rockfish	12.1%	0.3%	0.4%	68.9%	13.2%	1.6%	2.3%	1.3%	0.0%	165.5
<b>Minor Rockfish South</b>	-	-	-	17.7%	5.4%	-	14.2%	0.7%	62.0%	1,213.5
<b>Nearshore Species</b>	-	-	-	0.0%	2.6%	-	20.7%	0.4%	76.3%	634.9
<b>Shelf Species</b>	-	-	-	7.1%	2.9%	-	5.2%	1.5%	83.3%	320.5
Redstripe Rockfish	-	-	-	-	33.3%	-	66.7%	-	-	0.0
Yellowtail Rockfish	-	-	-	2.2%	1.8%	-	2.0%	0.3%	93.7%	59.8
Other Southern Shelf Rockfish	-	-	-	8.3%	3.1%	-	5.9%	1.8%	80.9%	260.7
<b>Slope Species</b>	-	-	-	74.3%	15.6%	-	9.4%	0.5%	0.2%	258.1
Bank Rockfish	-	-	-	83.9%	4.7%	-	10.6%	0.3%	0.4%	97.6
Blackgill Rockfish	-	-	-	69.5%	20.9%	-	9.3%	0.3%	-	129.4
Sharpchin Rockfish	-	-	-	100.0%	-	-	-	-	-	0.0
Yellowmouth Rockfish	-	-	-	100.0%	-	-	-	-	-	0.0
Other Southern Slope Rockfish	-	-	-	63.8%	27.6%	-	5.7%	2.4%	0.5%	31.1
California scorpionfish	-	-	-	0.0%	0.0%	-	10.8%	3.7%	85.4%	132.8
Cabezon (off CA only)	-	-	-	0.0%	0.9%	-	51.0%	4.2%	44.0%	129.7
Dover Sole	0.0%	0.0%	0.0%	99.5%	0.0%	0.0%	0.0%	0.5%	-	6,867.3
English Sole	0.0%	0.0%	0.1%	97.4%	0.0%	-	0.0%	2.4%	-	984.3
Petrale Sole (coastwide)	-	-	0.1%	97.8%	0.0%	0.0%	0.1%	2.0%	0.0%	1,815.0
N. of 40°10'	-	-	0.1%	97.8%	0.0%	0.0%	0.0%	2.1%	0.0%	1,543.1
S. of 40°10'	-	-	-	98.4%	-	-	0.4%	1.3%	0.0%	271.9
<b>Arrowtooth Flounder</b>	0.1%	0.0%	0.1%	99.7%	0.0%	0.0%	0.0%	0.1%	0.0%	2,458.5
Starry Flounder	-	-	-	1.8%	0.0%	-	0.0%	3.8%	94.3%	404.3
<b>Other Flatfish</b>	1.0%	0.0%	0.0%	91.3%	0.0%	-	0.5%	4.4%	2.8%	1,748.9
Kelp Greenling	-	-	-	0.0%	4.6%	0.1%	30.5%	0.3%	64.6%	111.8
Spiny Dogfish	10.4%	1.0%	1.9%	51.2%	33.3%	-	0.1%	0.6%	1.4%	649.6
Other Fish	0.1%	0.0%	0.0%	49.2%	13.3%	1.5%	18.2%	4.3%	13.4%	475.9

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

Stock or Complex	2002										
	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea Catcher-Processors		Shoreside Whiting LE		Shoreside Non-whiting LE	Shoreside LE	Shoreside LE	Shoreside	Shoreside	Shoreside	
At Sea	Motherships	Trawl	LE Trawl	Line Gear	Pot Gear	Directed OA	Incidental OA	Recreational			
Lingcod - coastwide	0.0%	0.0%	0.0%	12.8%	1.3%	0.2%	8.5%	1.7%	75.4%	802.3	
N. of 42° (OR & WA)	0.1%	0.0%	0.1%	22.8%	2.2%	0.4%	10.5%	3.8%	60.0%	288.4	
S. of 42° (CA)	-	-	0.0%	7.1%	0.9%	0.0%	7.4%	0.5%	84.1%	513.9	
Pacific Cod	-	-	0.1%	98.8%	0.1%	-	0.0%	0.3%	0.7%	698.6	
Pacific Whiting (Coastwide)	33.4%	24.5%	41.9%	0.0%	0.0%	-	-	0.2%	0.0%	108,661.4	
Sablefish (Coastwide)	0.6%	0.0%	3.9%	42.3%	30.5%	10.5%	11.2%	0.9%	0.2%	3,414.4	
N. of 36° (Monterey north)	0.6%	0.0%	4.1%	43.3%	28.8%	11.2%	11.1%	0.7%	0.2%	3,224.7	
S. of 36° (Conception area)	-	-	-	25.9%	58.2%	-	12.9%	3.1%	-	189.7	
<b>PACIFIC OCEAN PERCH</b>	1.0%	1.4%	0.1%	97.2%	0.1%	0.1%	0.0%	0.0%	0.0%	151.5	
Shortbelly Rockfish	67.7%	14.3%	7.3%	10.7%	-	-	-	-	-	0.7	
<b>WIDOW ROCKFISH</b>	28.8%	5.1%	1.3%	63.9%	0.0%	0.0%	0.1%	0.1%	0.7%	399.0	
<b>CANARY ROCKFISH</b>	2.2%	1.1%	0.7%	58.5%	2.2%	-	0.3%	1.9%	33.1%	72.4	
Chilipepper Rockfish	-	-	-	62.2%	0.2%	-	1.3%	0.1%	36.2%	247.2	
<b>BOCACCIO</b>	-	-	-	57.9%	1.8%	-	8.8%	1.2%	30.4%	30.6	
Splitnose Rockfish	-	-	-	95.5%	2.2%	-	2.2%	0.2%	-	58.4	
Yellowtail Rockfish	1.6%	0.2%	5.3%	86.4%	0.1%	0.0%	0.3%	3.6%	2.6%	803.3	
Shortspine Thornyhead - coastwide	1.5%	0.0%	0.0%	84.7%	13.1%	0.0%	0.3%	0.2%	0.1%	785.7	
N. of 34°27'	2.7%	0.0%	0.1%	95.2%	1.7%	0.0%	0.0%	0.0%	0.2%	448.4	
S. of 34°27'	-	-	-	70.7%	28.2%	-	0.7%	0.4%	-	337.3	
Longspine Thornyhead - coastwide	-	-	-	99.2%	0.6%	0.0%	0.1%	0.0%	-	1,911.1	
N. of 34°27'	-	-	-	99.9%	0.1%	0.0%	0.0%	0.0%	-	1,898.5	
S. of 34°27'	-	-	-	3.6%	79.2%	-	16.3%	0.9%	-	12.7	
Other thornyheads	-	-	-	89.5%	9.1%	-	1.3%	0.1%	-	58.3	
<b>COWCOD</b>	-	-	-	3.3%	6.9%	-	-	-	89.8%	0.3	
<b>DARKBLOTCHED</b>	2.0%	0.8%	0.0%	96.1%	0.2%	0.1%	0.4%	0.5%	0.0%	111.4	
<b>YELLOWEYE</b>	0.2%	-	0.0%	10.8%	0.3%	0.0%	0.6%	3.5%	84.6%	8.8	
Black Rockfish - coastwide	-	-	-	0.4%	2.6%	0.0%	23.1%	0.2%	73.7%	842.1	
Black Rockfish (WA)	-	-	-	0.2%	-	-	-	-	99.8%	176.5	
Black Rockfish (OR-CA)	-	-	-	0.4%	3.3%	0.1%	29.2%	0.3%	66.8%	665.6	
<b>Minor Rockfish North</b>	7.5%	1.1%	0.3%	41.6%	19.4%	0.7%	14.6%	0.5%	14.3%	298.7	
<b>Nearshore Species</b>	-	-	0.0%	0.8%	13.3%	0.1%	43.9%	0.1%	41.9%	86.1	
<b>Shelf Species</b>	14.2%	3.1%	1.1%	60.7%	4.8%	0.2%	5.6%	1.2%	9.1%	72.5	
BOCACCIO: N. of Monterey	0.5%	1.9%	0.9%	72.2%	-	-	-	0.1%	24.4%	7.9	
Chilipepper Rockfish: Eureka	21.3%	13.8%	3.8%	60.9%	-	-	-	-	0.0%	13.9	
Redstripe Rockfish	55.5%	0.1%	0.0%	43.8%	-	-	-	0.0%	0.5%	5.9	
Silvergrey Rockfish	1.5%	-	2.0%	80.3%	2.9%	-	-	10.1%	3.2%	2.9	
Other Northern Shelf Rockfish	9.4%	0.4%	0.3%	59.5%	8.1%	0.4%	9.6%	1.3%	10.9%	41.8	
<b>Slope Species</b>	8.7%	0.7%	0.1%	56.7%	30.6%	1.4%	1.2%	0.5%	0.1%	140.1	
Bank Rockfish	-	91.1%	0.1%	8.8%	-	-	-	-	-	0.1	
Sharpchin Rockfish, north	2.2%	0.3%	0.1%	97.3%	-	-	-	0.0%	-	5.6	
Splitnose Rockfish: N. of Monterey	59.5%	1.9%	0.0%	38.5%	0.0%	-	-	0.0%	-	18.6	
Yellowmouth Rockfish	21.1%	-	-	75.3%	-	-	-	-	3.5%	2.8	
Other Northern Slope Rockfish	0.3%	0.4%	0.1%	57.3%	38.0%	1.7%	1.5%	0.6%	0.0%	113.0	
<b>Minor Rockfish South</b>	-	-	-	26.2%	3.8%	-	11.5%	0.3%	58.1%	1,494.3	
<b>Nearshore Species</b>	-	-	-	0.1%	1.2%	-	15.8%	0.3%	82.6%	644.6	
<b>Shelf Species</b>	-	-	-	4.0%	1.3%	-	3.3%	0.5%	90.9%	365.2	
Redstripe Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowtail Rockfish	-	-	-	6.9%	0.2%	-	1.6%	0.4%	90.9%	27.1	
Other Southern Shelf Rockfish	-	-	-	3.8%	1.3%	-	3.5%	0.5%	90.9%	338.1	
<b>Slope Species</b>	-	-	-	77.7%	9.2%	-	12.2%	0.1%	0.8%	484.4	
Bank Rockfish	-	-	-	92.9%	0.7%	-	6.4%	0.0%	0.0%	296.8	
Blackgill Rockfish	-	-	-	43.9%	27.0%	-	26.7%	0.3%	2.1%	144.0	
Sharpchin Rockfish	-	-	-	100.0%	-	-	-	-	-	0.3	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	86.0%	9.0%	-	3.2%	0.4%	1.4%	43.3	
California scorpionfish	-	-	-	0.1%	0.8%	-	13.6%	4.7%	80.8%	69.8	
Cabezon (off CA only)	-	-	-	0.1%	2.1%	-	57.4%	3.1%	37.4%	80.6	
Dover Sole	0.0%	0.0%	0.0%	99.7%	0.0%	0.0%	0.0%	0.3%	-	6,339.0	
English Sole	0.0%	0.0%	0.2%	99.0%	-	-	0.0%	0.8%	0.0%	1,136.1	
Petrale Sole (coastwide)	-	-	0.0%	98.9%	0.0%	0.0%	0.0%	0.8%	0.2%	1,802.9	
N. of 40°10'	-	-	0.0%	99.1%	0.0%	0.0%	-	0.8%	0.0%	1,576.2	
S. of 40°10'	-	-	-	97.7%	-	-	0.1%	0.5%	1.8%	226.7	
<b>Arrowtooth Flounder</b>	0.1%	0.0%	0.0%	99.5%	0.2%	0.0%	0.0%	0.1%	0.0%	2,085.1	
Starry Flounder	-	-	0.0%	41.1%	0.4%	-	0.3%	25.0%	33.1%	44.6	
Other Flatfish	0.7%	0.0%	0.0%	94.2%	0.0%	-	0.4%	2.4%	2.3%	1,721.1	
Kelp Greenling	-	-	-	0.0%	2.9%	0.1%	25.9%	0.1%	70.9%	212.0	
Spiny Dogfish	3.8%	0.1%	1.2%	47.8%	43.1%	0.0%	0.5%	2.0%	1.5%	935.7	
Other Fish	-	-	-	36.7%	12.1%	1.4%	20.2%	3.6%	26.0%	498.7	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

2003

Stock or Complex	Non-Treaty Sectors										
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea		Shoreside		Shoreside		Shoreside		Shoreside		Non-Treaty
	Catcher-Processors	At Sea Motherships	Whiting LE Trawl	Non-whiting LE Trawl	Shoreside LE Line Gear	Shoreside LE Pot Gear	Directed OA	Incidental OA	Recreational		
Lingcod - coastwide	0.0%	0.0%	0.0%	4.5%	0.5%	0.1%	4.8%	0.8%	89.3%	1,352.0	
N. of 42° (OR & WA)	0.1%	0.0%	0.1%	16.1%	1.7%	0.3%	10.4%	2.2%	69.1%	300.2	
S. of 42° (CA)	-	-	0.0%	1.2%	0.2%	0.0%	3.2%	0.4%	95.0%	1,051.8	
Pacific Cod	0.0%	-	0.0%	97.9%	0.2%	0.0%	0.0%	0.7%	1.1%	1,062.6	
Pacific Whiting (Coastwide)	34.8%	22.0%	43.2%	0.0%	0.0%	-	-	0.0%	0.0%	118,492.2	
Sablefish (Coastwide)	0.3%	0.0%	0.8%	47.3%	26.5%	12.3%	11.9%	0.7%	0.2%	4,917.3	
N. of 36° (Monterey north)	0.4%	0.0%	0.9%	47.8%	25.5%	12.8%	11.9%	0.6%	0.2%	4,698.2	
S. of 36° (Conception area)	-	-	-	35.5%	48.7%	-	12.6%	3.2%	-	219.0	
<b>PACIFIC OCEAN PERCH</b>	3.7%	0.1%	0.2%	95.8%	0.2%	0.0%	0.0%	0.0%	-	137.4	
Shortbelly Rockfish	45.5%	2.1%	3.9%	22.0%	-	-	26.5%	-	-	1.1	
<b>WIDOW ROCKFISH</b>	36.8%	2.2%	39.9%	12.8%	0.0%	-	3.6%	0.6%	4.1%	31.4	
<b>CANARY ROCKFISH</b>	0.5%	0.2%	0.3%	20.1%	0.2%	0.0%	-	0.6%	78.1%	38.0	
Chilipepper Rockfish	-	-	-	96.0%	1.1%	-	1.7%	1.0%	0.1%	7.7	
<b>BOCACCIO</b>	-	-	-	1.0%	1.9%	-	1.9%	0.2%	95.1%	11.3	
Splitnose Rockfish	-	-	-	99.5%	0.3%	-	0.1%	0.0%	0.1%	151.3	
Yellowtail Rockfish	1.0%	0.3%	24.9%	57.0%	0.3%	0.0%	0.8%	2.7%	13.0%	176.2	
Shortspine Thornyhead - coastwide	1.8%	0.0%	0.0%	79.3%	18.5%	0.0%	0.3%	0.1%	0.0%	839.1	
N. of 34°27'	3.2%	0.0%	0.0%	95.3%	1.4%	0.1%	0.0%	0.0%	0.0%	485.2	
S. of 34°27'	-	-	-	57.3%	42.0%	-	0.6%	0.1%	-	353.9	
Longspine Thornyhead - coastwide	-	-	0.0%	98.7%	1.2%	0.0%	0.0%	0.0%	-	1,571.8	
N. of 34°27'	-	-	0.0%	99.4%	0.6%	0.0%	0.0%	0.0%	-	1,561.1	
S. of 34°27'	-	-	-	-	98.5%	-	1.5%	0.1%	-	10.7	
Other thornyheads	-	-	-	90.5%	8.4%	-	0.7%	0.4%	-	41.1	
<b>COWCOD</b>	-	-	-	-	-	-	-	-	-	-	
<b>DARKBLOTCHED</b>	5.0%	0.1%	0.3%	93.9%	0.2%	0.0%	0.3%	0.0%	-	84.4	
<b>YELLOWEYE</b>	0.0%	-	-	8.5%	0.5%	0.1%	0.1%	1.4%	89.4%	11.4	
Black Rockfish - coastwide	-	-	-	0.1%	1.2%	0.0%	11.6%	0.1%	87.1%	1,351.7	
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	175.9	
Black Rockfish (OR-CA)	-	-	-	0.1%	1.4%	0.0%	13.3%	0.1%	85.1%	1,175.8	
<b>Minor Rockfish North</b>	8.1%	0.6%	3.5%	49.8%	10.4%	1.3%	9.8%	0.3%	16.2%	298.8	
<b>Nearshore Species</b>	-	-	-	0.4%	4.0%	0.0%	34.3%	0.3%	61.0%	68.4	
<b>Shelf Species</b>	15.4%	2.0%	18.5%	35.4%	8.5%	0.1%	6.5%	0.8%	12.7%	53.3	
BOCACCIO: N. of Monterey	0.6%	-	-	84.6%	-	-	0.2%	0.1%	14.5%	8.9	
Chilipepper Rockfish: Eureka	1.0%	9.4%	84.4%	5.1%	-	-	-	-	0.1%	11.3	
Redstripe Rockfish	86.3%	0.0%	-	11.6%	-	-	-	0.9%	1.2%	5.8	
Silvergrey Rockfish	0.3%	0.8%	-	94.7%	-	-	-	-	4.2%	1.9	
Other Northern Shelf Rockfish	11.8%	0.0%	1.4%	32.6%	17.9%	0.1%	13.6%	1.5%	20.9%	25.3	
<b>Slope Species</b>	9.1%	0.3%	0.3%	73.2%	13.4%	2.1%	1.3%	0.1%	0.0%	177.1	
Bank Rockfish	-	-	-	100.0%	-	-	-	-	-	0.0	
Sharpchin Rockfish, north	39.0%	2.0%	-	59.0%	-	-	-	-	-	6.1	
Splitnose Rockfish: N. of Monterey	66.6%	1.7%	0.0%	31.5%	0.2%	-	0.0%	-	-	17.4	
Yellowmouth Rockfish	0.0%	0.1%	-	99.9%	-	-	-	-	-	3.2	
Other Northern Slope Rockfish	1.4%	0.1%	0.3%	78.1%	15.8%	2.5%	1.6%	0.1%	0.0%	150.4	
<b>Minor Rockfish South</b>	-	-	-	13.2%	5.7%	-	10.7%	0.4%	70.1%	1,436.8	
<b>Nearshore Species</b>	-	-	-	0.1%	0.2%	-	9.1%	0.2%	90.4%	706.7	
<b>Shelf Species</b>	-	-	-	0.7%	0.5%	-	1.8%	0.7%	96.3%	379.5	
Redstripe Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowtail Rockfish	-	-	-	1.8%	-	-	1.9%	3.2%	93.1%	20.3	
Other Southern Shelf Rockfish	-	-	-	0.7%	0.5%	-	1.8%	0.5%	96.4%	359.1	
<b>Slope Species</b>	-	-	-	53.2%	22.3%	-	23.6%	0.3%	0.6%	350.6	
Bank Rockfish	-	-	-	83.6%	0.1%	-	15.3%	0.0%	1.0%	103.2	
Blackgill Rockfish	-	-	-	28.8%	37.8%	-	33.0%	0.4%	-	189.6	
Sharpchin Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	78.7%	11.1%	-	7.7%	0.6%	1.9%	57.8	
California scorpionfish	-	-	-	-	-	-	2.3%	2.3%	95.4%	93.8	
Cabezon (off CA only)	-	-	-	-	0.1%	-	27.8%	1.4%	70.7%	135.9	
Dover Sole	0.0%	0.0%	0.0%	99.8%	0.0%	0.0%	0.0%	0.2%	0.0%	7,474.4	
English Sole	0.0%	0.0%	0.0%	97.8%	-	-	0.0%	2.2%	0.0%	873.2	
Petrale Sole (coastwide)	0.0%	-	0.0%	97.3%	0.0%	-	0.0%	2.6%	0.0%	1,993.3	
N. of 40°10'	0.0%	-	0.0%	97.0%	0.0%	-	0.0%	2.9%	0.0%	1,744.6	
S. of 40°10'	-	-	-	99.5%	-	-	-	0.5%	0.0%	248.8	
<b>Arrowtooth Flounder</b>	0.1%	0.0%	0.0%	99.1%	0.2%	0.0%	0.0%	0.6%	0.0%	2,326.3	
Starry Flounder	-	-	0.0%	49.0%	0.0%	-	0.1%	23.8%	27.0%	59.0	
<b>Other Flatfish</b>	0.4%	0.0%	0.0%	93.5%	0.0%	0.0%	0.1%	2.5%	3.4%	1,572.2	
Kelp Greenling	-	-	-	0.0%	2.8%	0.0%	19.2%	0.1%	77.9%	114.0	
Spiny Dogfish	2.1%	0.2%	0.9%	41.4%	40.5%	-	11.1%	0.0%	3.8%	476.2	
Other Fish	0.0%	0.0%	-	47.8%	10.2%	0.2%	22.4%	3.2%	16.2%	467.9	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

2004

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea		Shoreside		Shoreside	Shoreside		Shoreside		Recreational	
	Catcher-Processors	At Sea	Whiting LE	Non-whiting LE	Shoreside LE	Shoreside LE	Shoreside	Directed OA	Incidental OA		
Lingcod - coastwide	0.1%	0.2%	0.9%	12.6%	1.9%	0.6%	15.9%	1.9%	65.9%	461.5	
N. of 42° (OR & WA)	0.1%	0.3%	1.5%	15.7%	2.3%	0.8%	12.4%	2.0%	64.9%	269.1	
S. of 42° (CA)	-	-	0.0%	8.1%	1.4%	0.4%	20.8%	1.9%	67.4%	192.3	
Pacific Cod	0.0%	-	0.1%	98.3%	0.4%	0.0%	0.0%	0.0%	1.1%	1,121.2	
Pacific Whiting (Coastwide)	38.5%	12.7%	48.8%	0.0%	0.0%	-	-	0.0%	0.0%	190,172.0	
Sablefish (Coastwide)	0.4%	0.2%	2.5%	46.5%	28.1%	11.9%	9.8%	0.6%	0.1%	5,260.8	
N. of 36° (Monterey north)	0.4%	0.2%	2.6%	46.6%	27.6%	12.3%	9.7%	0.6%	0.1%	5,077.4	
S. of 36° (Conception area)	-	-	-	43.7%	41.9%	-	11.8%	2.6%	0.0%	183.4	
<b>PACIFIC OCEAN PERCH</b>	0.7%	0.1%	0.7%	98.4%	0.0%	0.0%	0.0%	-	-	132.3	
Shortbelly Rockfish	4.1%	14.5%	6.7%	72.5%	-	-	2.2%	-	-	0.1	
<b>WIDOW ROCKFISH</b>	10.5%	14.6%	43.8%	11.2%	0.1%	0.0%	0.1%	0.1%	19.5%	78.3	
<b>CANARY ROCKFISH</b>	1.7%	14.3%	4.1%	22.6%	0.1%	-	0.1%	0.3%	56.9%	28.8	
Chilipepper Rockfish	-	-	-	79.4%	4.6%	-	2.6%	1.2%	12.1%	49.3	
<b>BOCACCIO</b>	-	-	-	8.1%	2.8%	-	5.0%	0.1%	83.8%	74.5	
Splitnose Rockfish	-	-	-	99.9%	0.0%	-	0.0%	0.0%	-	163.8	
Yellowtail Rockfish	2.2%	4.2%	44.6%	32.5%	0.4%	-	0.8%	2.8%	12.5%	286.0	
Shortspine Thornyhead - coastwide	0.7%	0.0%	0.1%	82.5%	16.6%	0.0%	0.1%	0.0%	0.0%	803.6	
N. of 34°27'	1.2%	0.0%	0.1%	97.4%	1.2%	0.1%	0.1%	0.0%	-	449.9	
S. of 34°27'	-	-	-	63.7%	36.2%	-	0.1%	0.1%	0.0%	353.6	
Longspine Thornyhead - coastwide	0.0%	-	0.0%	98.8%	1.2%	-	0.0%	0.0%	-	731.0	
N. of 34°27'	0.0%	-	0.0%	99.8%	0.1%	-	0.0%	0.0%	-	723.4	
S. of 34°27'	-	-	-	-	99.0%	-	0.6%	0.4%	-	7.6	
Other thornyheads	-	-	-	3.1%	93.3%	-	3.4%	0.2%	-	25.9	
<b>COWCOD</b>	-	-	-	-	-	-	-	-	100.0%	0.5	
<b>DARKBLOTTED</b>	2.2%	1.5%	1.0%	94.9%	0.1%	0.0%	0.3%	0.0%	-	196.7	
<b>YELLOWEYE</b>	-	0.1%	0.0%	4.2%	0.5%	0.1%	-	6.6%	88.6%	7.9	
Black Rockfish - coastwide	-	-	-	0.3%	1.4%	0.0%	19.4%	0.2%	78.7%	853.0	
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	214.8	
Black Rockfish (OR-CA)	-	-	-	0.4%	1.9%	0.0%	26.0%	0.2%	71.5%	638.2	
<b>Minor Rockfish North</b>	6.6%	0.4%	6.6%	54.3%	9.5%	0.9%	7.0%	0.2%	14.5%	397.4	
Nearshore Species	-	-	-	1.7%	2.2%	-	29.5%	0.1%	66.5%	74.2	
Shelf Species	6.0%	2.7%	41.7%	21.9%	6.4%	0.3%	4.6%	0.9%	15.5%	53.5	
BOCACCIO: N. of Monterey	1.6%	2.0%	0.1%	87.9%	-	-	-	-	8.4%	4.5	
Chilipepper Rockfish: Eureka	4.5%	3.6%	84.8%	7.1%	-	-	-	0.0%	0.0%	24.3	
Redstripe Rockfish	76.6%	13.6%	-	9.1%	-	-	-	0.0%	0.7%	2.6	
Silvergrey Rockfish	0.6%	-	-	72.8%	8.3%	-	5.1%	-	1.2%	0.9	
Other Northern Shelf Rockfish	0.2%	0.0%	8.1%	24.3%	15.6%	0.9%	11.5%	2.3%	37.0%	21.3	
Slope Species	8.6%	0.1%	1.4%	75.3%	12.1%	1.2%	1.2%	0.1%	0.0%	269.7	
Bank Rockfish	1.8%	-	0.7%	97.5%	-	-	-	-	-	4.8	
Sharpchin Rockfish, north	1.5%	-	0.0%	98.5%	-	-	-	-	-	22.3	
Splitnose Rockfish: N. of Monterey	24.8%	0.6%	1.7%	72.8%	-	-	0.0%	0.1%	-	33.8	
Yellowmouth Rockfish	0.0%	-	-	99.8%	-	0.1%	-	-	-	15.6	
Other Northern Slope Rockfish	7.4%	0.0%	1.7%	70.5%	16.9%	1.7%	1.7%	0.1%	0.0%	193.1	
<b>Minor Rockfish South</b>	-	-	-	22.2%	5.2%	0.1%	14.3%	0.3%	57.9%	1,080.6	
Nearshore Species	-	-	-	0.0%	0.4%	-	19.3%	0.3%	80.0%	426.1	
Shelf Species	-	-	-	0.6%	2.0%	-	6.6%	0.5%	90.3%	315.1	
Redstripe Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowtail Rockfish	-	-	-	1.6%	0.2%	-	7.9%	1.7%	88.6%	13.7	
Other Southern Shelf Rockfish	-	-	-	0.5%	2.1%	-	6.6%	0.4%	90.4%	301.4	
Slope Species	-	-	-	70.1%	14.3%	0.3%	15.1%	0.2%	0.1%	339.4	
Bank Rockfish	-	-	-	84.0%	0.0%	-	15.6%	-	0.3%	130.3	
Blackgill Rockfish	-	-	-	53.1%	28.5%	-	18.2%	0.2%	0.0%	150.1	
Sharpchin Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	82.5%	9.6%	1.6%	5.9%	0.4%	-	59.0	
California scorpionfish	-	-	-	-	0.0%	-	3.5%	3.9%	92.6%	47.4	
Cabezon (off CA only)	-	-	-	-	0.4%	-	53.0%	2.0%	44.6%	89.2	
Dover Sole	0.0%	0.0%	0.0%	99.9%	0.0%	0.0%	0.0%	0.1%	0.0%	7,134.3	
English Sole	0.0%	0.0%	0.1%	99.2%	-	-	0.0%	0.7%	-	893.4	
Petrale Sole (coastwide)	-	-	0.0%	99.6%	0.1%	0.0%	0.0%	0.3%	0.0%	1,911.1	
N. of 40°10'	-	-	0.0%	99.7%	0.1%	0.0%	0.0%	0.2%	0.0%	1,644.0	
S. of 40°10'	-	-	-	99.4%	-	-	-	0.5%	0.1%	267.1	
<b>Arrowtooth Flounder</b>	0.0%	0.0%	0.0%	99.8%	0.0%	0.0%	0.0%	0.0%	0.0%	2,390.3	
Starry Flounder	-	-	0.0%	81.5%	-	-	0.1%	14.7%	3.8%	145.1	
Other Flatfish	0.1%	0.0%	0.0%	93.2%	0.0%	-	0.3%	3.0%	3.3%	1,362.3	
Kelp Greenling	-	-	-	-	4.1%	-	36.2%	0.0%	59.7%	62.9	
Spiny Dogfish	46.3%	1.4%	4.2%	16.6%	18.3%	-	12.8%	0.0%	0.3%	716.2	
Other Fish	0.2%	0.1%	0.0%	33.4%	7.3%	-	30.9%	3.4%	24.6%	328.1	

Table 2a. Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

2005

Stock or Complex	Non-Treaty Sectors										Non-Treaty Total (mt)
	Trawl Sectors					Non-Trawl Sectors					
	At-Sea Catcher-Processors	At Sea Motherships	Shoreside Whiting LE Trawl	Shoreside Non-whiting LE Trawl	Shoreside Line Gear	Shoreside LE Pot Gear	Shoreside Directed OA	Shoreside Incidental OA	Recreational		
Lingcod - coastwide	0.1%	0.3%	0.9%	11.4%	1.7%	0.4%	10.4%	0.5%	74.2%	679.0	
N. of 42° (OR & WA)	0.1%	0.6%	1.8%	18.0%	2.8%	0.7%	10.6%	1.0%	64.3%	317.8	
S. of 42° (CA)	-	-	0.0%	5.6%	0.8%	0.2%	10.3%	0.1%	83.0%	361.2	
Pacific Cod	-	0.0%	0.2%	98.4%	0.3%	0.0%	0.1%	0.0%	1.0%	742.4	
Pacific Whiting (Coastwide)	35.1%	21.6%	43.4%	0.0%	-	-	-	0.0%	0.0%	224,942.5	
Sablefish (Coastwide)	0.2%	0.0%	0.4%	42.5%	29.1%	11.1%	16.6%	0.0%	0.0%	5,561.5	
N. of 36° (Monterey north)	0.2%	0.0%	0.4%	42.6%	28.5%	11.4%	16.7%	0.0%	0.0%	5,416.7	
S. of 36° (Conception area)	-	-	-	37.9%	50.2%	-	11.6%	0.1%	0.0%	144.8	
<b>PACIFIC OCEAN PERCH</b>	1.3%	1.4%	0.8%	96.0%	0.2%	0.0%	0.3%	0.0%	-	61.6	
Shortbelly Rockfish	0.3%	99.7%	-	-	-	-	-	-	-	2.7	
<b>WIDOW ROCKFISH</b>	26.5%	21.8%	47.1%	1.9%	0.1%	0.0%	0.2%	0.5%	1.9%	162.9	
<b>CANARY ROCKFISH</b>	1.9%	3.9%	12.4%	30.8%	0.0%	-	0.4%	0.0%	50.6%	18.1	
Chilipepper Rockfish	-	-	0.3%	80.9%	7.7%	-	1.2%	0.4%	9.5%	37.4	
<b>BOCACCIO</b>	-	-	0.0%	8.3%	3.6%	-	3.2%	0.6%	84.2%	45.2	
Splitnose Rockfish	-	-	0.0%	99.2%	0.8%	-	0.1%	-	-	87.0	
Yellowtail Rockfish	14.8%	8.0%	54.1%	9.5%	0.2%	0.0%	0.7%	2.2%	10.6%	319.9	
Shortspine Thornyhead - coastwide	1.0%	0.1%	0.0%	77.0%	21.7%	0.0%	0.1%	0.0%	-	654.0	
N. of 34°27'	1.7%	0.2%	0.1%	96.1%	1.8%	0.1%	0.1%	0.0%	-	374.3	
S. of 34°27'	-	-	-	51.6%	48.2%	-	0.1%	0.1%	-	279.8	
Longspine Thornyhead - coastwide	-	-	0.0%	97.7%	2.3%	-	0.0%	-	-	646.3	
N. of 34°27'	-	-	0.0%	98.9%	1.1%	-	0.0%	-	-	638.4	
S. of 34°27'	-	-	-	-	100.0%	-	-	-	-	7.9	
Other thornyheads	-	-	-	60.2%	35.4%	-	4.4%	-	-	13.2	
<b>COWCOD</b>	-	-	-	-	-	-	1.5%	-	98.5%	0.1	
<b>DARKBLOTCHED</b>	6.1%	5.2%	5.6%	78.8%	2.0%	0.0%	2.2%	0.0%	-	97.9	
<b>YELLOWEYE</b>	-	-	0.1%	2.2%	-	-	0.3%	-	97.4%	11.2	
Black Rockfish - coastwide	-	0.0%	-	0.1%	1.5%	-	16.3%	0.2%	82.0%	956.7	
Black Rockfish (WA)	-	-	-	-	-	-	-	-	100.0%	271.3	
Black Rockfish (OR-CA)	-	0.0%	-	0.1%	2.0%	-	22.7%	0.3%	74.9%	685.3	
<b>Minor Rockfish North</b>	10.4%	4.4%	8.0%	27.8%	14.5%	1.0%	11.8%	0.1%	22.1%	389.3	
<b>Nearshore Species</b>	-	-	0.0%	0.2%	2.3%	-	29.2%	0.1%	68.2%	107.4	
<b>Shelf Species</b>	0.9%	8.7%	42.9%	14.7%	6.3%	0.0%	5.8%	0.5%	20.1%	63.2	
BOCACCIO: N. of Monterey	11.0%	16.1%	2.4%	50.1%	0.3%	-	1.0%	-	19.2%	1.0	
Chilipepper Rockfish: Eureka	0.9%	3.1%	89.7%	6.3%	-	-	-	-	0.0%	28.6	
Redstripe Rockfish	1.8%	95.2%	-	1.7%	-	-	-	-	1.3%	4.6	
Silvergrey Rockfish	5.9%	7.3%	-	74.3%	-	-	-	-	12.6%	0.5	
Other Northern Shelf Rockfish	0.2%	0.1%	5.1%	22.9%	14.0%	0.0%	12.9%	1.2%	43.5%	28.5	
<b>Slope Species</b>	18.2%	5.3%	1.8%	45.2%	22.8%	1.8%	4.9%	0.0%	0.0%	218.8	
Bank Rockfish	2.7%	0.8%	-	96.5%	-	-	-	-	-	0.9	
Sharpchin Rockfish, north	0.2%	0.4%	-	99.4%	-	-	-	-	-	5.0	
Splitnose Rockfish: N. of Monterey	35.6%	22.3%	2.2%	39.6%	0.0%	-	0.2%	-	-	26.0	
Yellowmouth Rockfish	-	-	-	100.0%	-	-	-	-	-	1.7	
Other Northern Slope Rockfish	16.5%	3.1%	1.8%	43.7%	26.9%	2.1%	5.8%	0.0%	0.0%	185.2	
<b>Minor Rockfish South</b>	-	-	-	12.0%	3.6%	-	13.1%	0.1%	71.1%	971.5	
<b>Nearshore Species</b>	-	-	-	0.0%	0.3%	-	16.4%	0.0%	83.3%	488.3	
<b>Shelf Species</b>	-	-	-	1.8%	2.4%	-	5.7%	0.2%	89.9%	316.0	
Redstripe Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowtail Rockfish	-	-	-	29.8%	0.1%	-	6.6%	1.4%	62.1%	13.0	
Other Southern Shelf Rockfish	-	-	-	0.6%	2.5%	-	5.7%	0.2%	91.1%	302.9	
<b>Slope Species</b>	-	-	-	66.3%	15.7%	-	17.7%	0.1%	0.2%	167.2	
Bank Rockfish	-	-	-	65.8%	1.2%	-	31.8%	0.1%	1.1%	37.6	
Blackgill Rockfish	-	-	-	58.7%	26.4%	-	14.9%	0.0%	-	86.9	
Sharpchin Rockfish	-	-	-	-	-	-	-	-	-	-	
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	
Other Southern Slope Rockfish	-	-	-	82.1%	6.5%	-	11.2%	0.2%	-	42.7	
California scorpionfish	-	-	-	-	0.1%	-	8.4%	0.2%	91.3%	25.2	
Cabezon (off CA only)	-	-	-	-	0.2%	-	39.0%	0.1%	60.6%	78.8	
Dover Sole	0.0%	0.0%	0.0%	99.9%	0.0%	0.0%	0.0%	0.1%	0.0%	6,959.0	
English Sole	0.0%	0.0%	0.0%	99.4%	-	-	-	0.6%	0.0%	873.1	
Petrale Sole (coastwide)	-	-	0.0%	99.6%	0.0%	-	0.0%	0.4%	0.0%	2,765.9	
N. of 40°10'	-	-	0.0%	99.5%	0.0%	-	0.0%	0.5%	0.0%	2,393.2	
S. of 40°10'	-	-	-	100.0%	-	-	0.0%	0.0%	0.0%	372.7	
Arrowtooth Flounder	0.0%	0.0%	0.0%	99.6%	0.1%	0.1%	0.0%	0.1%	0.0%	2,128.4	
Starry Flounder	-	-	0.0%	72.8%	-	-	-	0.9%	26.3%	34.4	
Other Flatfish	0.2%	0.1%	0.0%	96.6%	0.0%	-	0.2%	0.1%	2.8%	1,129.5	
Kelp Greenling	0.0%	-	-	-	2.9%	-	39.9%	-	57.2%	52.6	
Spiny Dogfish	7.9%	5.2%	17.8%	23.5%	42.9%	-	1.9%	0.1%	0.5%	535.3	
Other Fish	0.2%	0.3%	0.0%	30.2%	8.8%	0.0%	29.7%	0.1%	30.7%	328.4	

Table 2b. LE Trawl Sector\* Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish: 1995 to 2005

Stock or Complex												Average**
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Share
Lingcod - coastwide	57.3%	58.1%	58.4%	30.8%	26.1%	15.8%	14.5%	12.8%	4.5%	13.7%	12.7%	27.7%
N. of 42° (OR & WA)	72.9%	74.2%	69.7%	47.3%	39.0%	22.1%	17.7%	23.0%	16.4%	17.7%	20.6%	38.2%
S. of 42° (CA)	36.6%	34.7%	40.5%	18.5%	17.0%	11.2%	11.8%	7.1%	1.2%	8.2%	5.6%	17.5%
Pacific Cod	97.8%	97.5%	99.0%	98.7%	98.7%	98.9%	99.0%	98.9%	98.0%	98.4%	98.6%	98.5%
Pacific Whiting (Coastwide)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.8%	100.0%	100.0%	100.0%	100.0%
Sablefish (Coastwide)	52.9%	55.6%	52.4%	55.1%	52.9%	48.4%	51.7%	46.8%	48.4%	49.5%	43.2%	50.6%
N. of 36° (Monterey north)	52.4%	55.3%	52.1%	55.1%	53.1%	48.8%	52.6%	48.0%	49.0%	49.7%	43.3%	50.9%
S. of 36° (Conception area)	63.3%	62.6%	58.6%	53.6%	45.7%	29.7%	20.0%	25.9%	35.5%	43.7%	37.9%	43.3%
PACIFIC OCEAN PERCH	98.8%	98.1%	98.9%	99.8%	98.1%	99.5%	100.0%	99.7%	99.7%	100.0%	99.5%	99.3%
Shortbelly Rockfish	99.4%	98.7%	99.9%	98.6%	95.2%	100.0%	99.1%	100.0%	73.5%	97.8%	100.0%	96.6%
WIDOW ROCKFISH	98.2%	98.5%	98.2%	94.5%	97.6%	99.0%	98.5%	99.1%	91.7%	80.1%	97.3%	95.7%
CANARY ROCKFISH	68.9%	74.2%	63.3%	70.9%	65.8%	24.0%	30.2%	62.5%	21.0%	42.7%	48.9%	52.0%
Chilipepper Rockfish	77.9%	80.8%	76.0%	77.5%	84.6%	78.7%	78.3%	62.2%	96.0%	79.4%	81.1%	79.3%
BOCACCIO	45.8%	52.4%	48.0%	29.9%	17.1%	12.5%	10.2%	57.9%	1.0%	8.1%	8.3%	26.5%
Splitnose Rockfish	91.9%	98.6%	98.2%	96.0%	99.5%	93.8%	97.7%	95.5%	99.5%	99.9%	99.2%	97.3%
Yellowtail Rockfish	93.8%	92.1%	84.5%	87.0%	94.5%	96.2%	94.9%	93.5%	83.2%	83.5%	86.4%	90.0%
Shortspine Thornyhead - coastwide	97.3%	94.2%	96.0%	95.2%	86.8%	92.9%	90.2%	86.3%	81.1%	83.3%	78.2%	89.2%
N. of 34°27'	97.8%	98.0%	97.5%	97.9%	96.7%	97.5%	97.6%	98.5%	98.6%	98.6%	98.0%	97.8%
S. of 34°27'	96.4%	85.8%	92.5%	88.8%	67.3%	85.7%	73.4%	70.7%	57.3%	63.7%	51.6%	75.7%
Longspine Thornyhead - coastwide	99.0%	97.8%	97.8%	99.2%	98.3%	96.0%	98.2%	98.7%	98.2%	98.8%	97.7%	98.1%
N. of 34°27'	99.0%	98.2%	98.2%	99.7%	99.1%	97.8%	98.8%	99.9%	99.4%	99.8%	98.9%	99.0%
S. of 34°27'		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.6%	0.0%	0.0%	0.0%	0.4%
Other thornyheads	4.6%	39.8%	29.6%	34.2%	87.2%	81.2%	44.9%	89.5%	90.5%	3.1%	60.2%	51.3%
COWCOD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.4%
DARKBLOTCHED	99.1%	99.4%	99.2%	97.1%	97.6%	95.6%	98.3%	98.9%	99.4%	98.6%	95.7%	98.2%
YELLOWEYE	57.4%	49.8%	38.0%	27.7%	18.1%	13.4%	5.6%	11.0%	8.5%	4.3%	2.3%	21.5%
Black Rockfish - coastwide	0.9%	1.7%	2.6%	8.3%	0.6%	0.4%	0.1%	0.4%	0.1%	0.3%	0.1%	1.4%
Black Rockfish (WA)	1.5%	0.0%	0.5%	7.5%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.9%
Black Rockfish (OR-CA)	0.8%	2.2%	3.0%	8.6%	0.7%	0.5%	0.1%	0.4%	0.1%	0.4%	0.1%	1.5%
Minor Rockfish North	64.5%	66.0%	71.4%	70.3%	61.7%	71.5%	69.4%	62.0%	68.0%	50.6%	64.2%	64.2%
Nearshore Species	1.0%	0.0%	0.2%	2.9%	0.1%	0.3%	0.5%	0.8%	0.4%	1.7%	0.2%	0.7%
Shelf Species	58.2%	60.7%	66.2%	71.5%	56.3%	72.5%	85.8%	79.1%	71.4%	72.3%	67.2%	69.2%
BOCACCIO: N. of Monterey	87.8%	80.9%	94.2%	90.3%	81.9%	86.1%	89.0%	75.5%	85.2%	91.6%	79.5%	85.6%
Chilipepper Rockfish: Eureka	89.5%	87.6%	75.5%	96.4%	92.8%	98.6%	99.8%	100.0%	99.9%	100.0%	100.0%	94.6%
Redstripe Rockfish	99.8%	99.6%	99.4%	99.6%	99.2%	99.4%	99.2%	99.5%	97.9%	99.3%	98.7%	99.2%
Silvergrey Rockfish	97.6%	99.0%	95.3%	99.4%	98.9%	93.9%	96.9%	83.8%	95.8%	85.3%	87.4%	93.9%
Other Northern Shelf Rockfish	33.5%	38.1%	51.6%	59.3%	42.2%	54.4%	49.0%	69.7%	45.9%	32.7%	28.4%	45.9%
Slope Species	83.1%	87.4%	96.5%	85.3%	95.5%	86.5%	86.1%	66.2%	83.0%	85.3%	70.5%	84.1%
Bank Rockfish	95.8%	96.9%	97.8%	76.0%	98.9%	94.5%	100.0%	100.0%	100.0%	100.0%	100.0%	96.3%
Sharpchin Rockfish, north	99.3%	99.8%	99.8%	99.3%	99.2%	98.6%	99.2%	100.0%	100.0%	100.0%	100.0%	99.6%
Splitnose Rockfish: N. of Monterey	98.8%	99.9%	99.4%	98.2%	98.3%	97.5%	99.6%	99.9%	99.8%	99.9%	99.7%	99.2%
Yellowmouth Rockfish	96.0%	99.1%	99.4%	99.9%	100.0%	100.0%	100.0%	96.5%	100.0%	99.9%	100.0%	96.2%
Other Northern Slope Rockfish	63.8%	71.7%	90.9%	69.4%	92.5%	83.8%	81.7%	58.2%	80.0%	79.6%	65.2%	76.1%
Minor Rockfish South	26.2%	30.9%	29.5%	30.8%	7.5%	13.5%	17.7%	26.2%	13.2%	22.2%	12.0%	20.9%
Nearshore Species	1.4%	2.2%	1.5%	0.1%	1.8%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.7%
Shelf Species	15.3%	16.9%	18.8%	23.4%	4.3%	5.6%	7.1%	4.0%	0.7%	0.6%	1.8%	9.0%
Redstripe Rockfish	100.0%	0.0%	91.1%	87.9%	60.2%	87.9%	0.0%	0.0%	0.0%	0.0%	0.0%	48.5%
Yellowtail Rockfish	19.3%	33.5%	24.1%	28.8%	5.8%	13.3%	2.2%	6.9%	1.8%	1.6%	29.8%	15.2%
Other Southern Shelf Rockfish	14.4%	13.4%	12.5%	19.5%	3.7%	2.2%	8.3%	3.8%	0.5%	0.6%	7.2%	7.2%
Slope Species	63.0%	71.9%	77.0%	67.6%	64.4%	73.3%	74.3%	77.7%	53.2%	70.1%	66.3%	69.0%
Bank Rockfish	80.7%	89.9%	89.5%	73.6%	59.5%	87.0%	83.9%	92.9%	83.6%	84.0%	65.8%	81.0%
Blackgill Rockfish	38.2%	41.8%	48.2%	50.3%	52.6%	61.6%	69.5%	43.9%	28.8%	53.1%	58.7%	49.7%
Sharpchin Rockfish	87.4%	99.3%	99.9%	99.0%	100.0%	92.9%	100.0%	100.0%	100.0%			97.3%
Yellowmouth Rockfish		80.9%	100.0%				100.0%					93.6%
Other Southern Slope Rockfish	79.2%	77.5%	82.4%	73.2%	88.3%	62.0%	63.8%	86.0%	78.7%	82.5%	82.1%	77.8%
California scorpionfish	0.0%	0.0%	4.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%
Cabezon (off CA only)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Dover Sole	99.1%	99.1%	99.3%	99.3%	98.7%	99.2%	99.5%	99.7%	99.8%	99.9%	99.9%	99.4%
English Sole	98.7%	97.3%	95.6%	97.7%	96.3%	96.6%	97.5%	99.2%	97.8%	99.3%	99.4%	97.8%
Petrale Sole (coastwide)	98.6%	98.5%	96.7%	98.2%	97.5%	97.3%	97.9%	98.9%	97.3%	99.6%	99.6%	98.2%
N of 40°10'	99.3%	98.5%	96.1%	98.5%	97.3%	97.0%	97.9%	99.1%	97.0%	99.7%	99.5%	98.2%
S of 40°10'	95.7%	98.3%	98.3%	96.9%	98.6%	98.4%	97.7%	99.4%	99.4%	100.0%	99.4%	98.3%
Arrowtooth Flounder	99.0%	99.7%	99.8%	99.8%	99.7%	99.4%	99.9%	99.7%	99.2%	99.9%	99.7%	99.6%
Starry Flounder	80.1%	60.8%	64.4%	61.3%	42.3%	57.5%	1.8%	49.0%	41.1%	81.5%	72.8%	55.7%
Other Flatfish	97.0%	92.8%	90.1%	94.8%	95.2%	92.8%	92.4%	94.9%	94.0%	93.3%	96.9%	94.0%
Kelp Greenling	3.6%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
Spiny Dogfish	95.1%	82.6%	85.7%	99.2%	92.7%	53.6%	64.6%	52.9%	44.6%	68.5%	54.5%	72.2%
Other Fish	69.1%	43.2%	51.8%	65.8%	50.3%	50.8%	49.4%	36.7%	47.8%	33.8%	30.7%	48.1%

\* "LE Trawl Sector" includes At Sea Catcher Processors, At Sea Motherships, Shoreside Whiting, and Shoreside Non-whiting Trawl sectors.

\*\* Arithmetic average of non-empty cells in each row. Empty cell means total recorded species catch by non-treaty sectors in that year = 0.



Table 2c. LE Fixed Gear Sector\* Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish: 1995 to 2005

Stock or Complex												Average**
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Share
Lingcod - coastwide	2.3%	2.6%	3.3%	3.6%	3.9%	3.7%	4.3%	1.5%	0.6%	2.5%	2.2%	2.8%
N. of 42° (OR & WA)	0.9%	0.8%	2.3%	4.6%	6.5%	6.1%	7.4%	2.6%	2.0%	3.1%	3.5%	3.6%
S. of 42° (CA)	4.1%	5.2%	4.8%	2.8%	2.1%	2.0%	1.6%	0.9%	0.2%	1.8%	1.0%	2.4%
Pacific Cod	0.2%	0.3%	0.1%	0.2%	0.4%	0.4%	0.4%	0.1%	0.2%	0.4%	0.3%	0.3%
Pacific Whiting (Coastwide)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Sablefish (Coastwide)	37.9%	34.7%	39.9%	39.6%	40.9%	42.5%	38.0%	41.0%	38.8%	40.0%	40.2%	39.4%
N. of 36° (Monterey north)	39.1%	35.2%	39.9%	39.3%	40.7%	42.2%	37.0%	40.0%	38.3%	40.0%	39.9%	39.2%
S. of 36° (Conception area)	13.5%	25.1%	39.3%	44.6%	47.5%	56.8%	69.7%	58.2%	48.7%	41.9%	50.2%	45.0%
<b>PACIFIC OCEAN PERCH</b>	0.5%	1.1%	0.3%	0.0%	0.2%	0.2%	0.0%	0.2%	0.3%	0.0%	0.3%	0.3%
Shortbelly Rockfish	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>WIDOW ROCKFISH</b>	0.1%	0.1%	0.1%	0.3%	0.4%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%
<b>CANARY ROCKFISH</b>	6.1%	5.2%	6.3%	8.3%	7.9%	4.8%	7.9%	2.2%	0.2%	0.1%	0.0%	4.4%
Chilipepper Rockfish	0.8%	0.7%	0.7%	1.2%	1.4%	1.8%	0.8%	0.2%	1.1%	4.6%	7.7%	1.9%
<b>BOCACCIO</b>	0.6%	1.3%	2.6%	4.0%	2.4%	1.7%	1.8%	1.8%	1.9%	2.8%	3.6%	2.2%
Splitnose Rockfish	0.5%	0.2%	0.2%	0.0%	0.3%	5.8%	1.0%	2.2%	0.3%	0.0%	0.8%	1.0%
Yellowtail Rockfish	0.3%	0.6%	1.7%	1.5%	1.1%	0.1%	0.2%	0.1%	0.3%	0.4%	0.2%	0.6%
Shortspine Thornyhead - coastwide	1.7%	4.9%	3.6%	4.6%	12.1%	6.1%	9.4%	13.1%	18.5%	16.6%	21.7%	10.2%
N. of 34°27'	1.5%	1.7%	2.1%	1.9%	3.0%	2.3%	2.3%	1.8%	1.4%	1.3%	1.9%	1.9%
S. of 34°27'	2.0%	11.8%	7.1%	11.0%	29.9%	12.1%	25.5%	28.2%	42.0%	36.2%	48.2%	23.1%
Longspine Thornyhead - coastwide	0.5%	2.0%	1.8%	0.7%	1.4%	3.5%	3.1%	0.6%	1.2%	1.2%	2.3%	1.7%
N. of 34°27'	0.5%	1.6%	1.4%	0.2%	0.7%	2.1%	1.1%	0.1%	0.6%	0.1%	1.1%	0.9%
S. of 34°27'		98.2%	100.0%	99.1%	95.0%	74.6%	79.0%	79.2%	98.5%	99.0%	100.0%	92.2%
Other thornyheads	19.8%	44.8%	66.1%	61.1%	10.0%	13.6%	47.5%	9.1%	8.4%	93.3%	35.4%	37.2%
<b>COWCOD</b>	16.6%	8.6%	16.9%	13.6%	4.0%	0.6%	6.9%	0.0%	0.0%	0.0%	7.5%	
<b>DARKBLOTCHED</b>	0.3%	0.2%	0.1%	0.6%	0.2%	0.3%	1.3%	0.2%	0.3%	0.1%	2.1%	0.8%
<b>YELLOWEYE</b>	11.2%	17.5%	21.6%	14.8%	35.8%	10.8%	18.3%	0.3%	0.6%	0.6%	0.0%	12.0%
Black Rockfish - coastwide	3.4%	2.2%	4.6%	3.4%	2.3%	2.7%	4.6%	2.6%	1.2%	1.4%	1.5%	2.7%
Black Rockfish (WA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Black Rockfish (OR-CA)	4.3%	2.8%	5.6%	4.5%	2.8%	3.3%	5.6%	3.3%	1.4%	1.9%	2.0%	3.4%
<b>Minor Rockfish North</b>	20.3%	16.1%	12.9%	15.9%	21.5%	12.2%	11.3%	20.1%	11.7%	10.4%	15.5%	15.3%
<b>Nearshore Species</b>	13.9%	12.3%	7.8%	12.1%	12.4%	12.4%	17.7%	13.4%	4.0%	2.2%	2.3%	10.1%
<b>Shelf Species</b>	23.2%	19.0%	19.3%	17.4%	32.0%	15.6%	8.4%	5.0%	8.6%	6.7%	6.3%	14.7%
BOCACCIO: N. of Monterey	2.0%	4.8%	1.6%	0.9%	5.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.3%	1.4%
Chilipepper Rockfish: Eureka	7.6%	3.5%	3.8%	0.2%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	1.4%
Redstripe Rockfish	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Silvergrey Rockfish	0.0%	0.1%	1.5%	0.0%	0.7%	0.0%	2.0%	2.9%	0.0%	8.3%	0.0%	1.4%
Other Northern Shelf Rockfish	37.9%	31.0%	29.1%	25.7%	43.6%	27.0%	31.8%	8.5%	18.1%	16.5%	14.0%	25.7%
<b>Slope Species</b>	15.3%	9.8%	2.2%	13.1%	1.9%	10.9%	11.1%	32.0%	15.6%	13.4%	24.6%	13.6%
Bank Rockfish	0.0%	0.9%	0.0%	13.2%	0.0%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%
Sharpchin Rockfish, north	0.4%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Splitnose Rockfish: N. of Monterey	0.6%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.2%	0.0%	0.0%	0.2%
Yellowmouth Rockfish	1.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%
Other Northern Slope Rockfish	33.9%	22.4%	6.3%	28.6%	3.5%	13.2%	14.7%	39.7%	18.3%	18.6%	29.0%	20.8%
<b>Minor Rockfish South</b>	6.1%	7.7%	8.1%	8.6%	4.1%	5.7%	5.4%	3.8%	5.7%	5.3%	3.6%	5.8%
<b>Nearshore Species</b>	2.8%	4.3%	6.2%	4.9%	2.7%	3.4%	2.6%	1.2%	0.2%	0.4%	0.3%	2.6%
<b>Shelf Species</b>	6.9%	7.0%	9.0%	8.4%	3.9%	2.3%	2.9%	1.3%	0.5%	2.0%	2.4%	4.2%
Redstripe Rockfish	0.0%	0.0%	0.0%	0.5%	0.0%	11.1%	33.3%					6.4%
Yellowtail Rockfish	16.4%	3.9%	5.4%	5.8%	2.5%	1.1%	1.8%	0.2%	0.0%	0.2%	0.1%	3.4%
Other Southern Shelf Rockfish	4.7%	7.6%	12.9%	10.2%	4.5%	2.8%	3.1%	1.3%	0.5%	2.1%	2.5%	4.8%
<b>Slope Species</b>	7.8%	11.5%	8.6%	12.1%	14.3%	21.2%	15.6%	9.2%	22.3%	14.6%	15.7%	13.9%
Bank Rockfish	1.0%	0.2%	0.1%	1.6%	0.0%	7.1%	4.7%	0.7%	0.1%	0.0%	1.2%	1.5%
Blackgill Rockfish	16.3%	31.1%	26.3%	39.8%	30.6%	33.9%	20.9%	27.0%	37.8%	28.5%	26.4%	29.0%
Sharpchin Rockfish	2.1%	0.1%	0.0%	0.2%	0.0%	7.1%	0.0%	0.0%				1.2%
Yellowmouth Rockfish		0.0%	0.0%				0.0%					0.0%
Other Southern Slope Rockfish	5.5%	2.9%	1.0%	6.0%	1.6%	29.7%	27.6%	9.0%	11.1%	11.2%	6.5%	10.2%
California scorpionfish	2.4%	1.9%	0.5%	0.7%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.1%	0.6%
Cabezon (off CA only)	1.0%	0.3%	4.8%	2.1%	2.2%	2.0%	0.9%	2.1%	0.1%	0.4%	0.2%	1.5%
Dover Sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
English Sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Petrale Sole (coastwide)	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
N of 40°10'	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
S of 40°10'	0.3%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Arrowtooth Flounder	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.2%	0.1%	0.2%	0.1%
Starry Flounder	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.1%
Other Flatfish	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Kelp Greenling	1.4%	0.7%	4.1%	4.6%	7.1%	5.7%	4.7%	3.0%	2.8%	4.1%	2.9%	3.7%
Spiny Dogfish	1.3%	5.2%	0.4%	0.1%	4.8%	44.0%	33.3%	43.1%	40.5%	18.3%	42.9%	21.3%
Other Fish	5.1%	33.4%	27.1%	16.7%	16.0%	7.4%	14.8%	13.5%	10.4%	7.3%	8.9%	14.6%

\* "LE Fixed Gear Sector" includes LE line gear and LE pot gear sectors.

\*\* Arithmetic average of non-empty cells in each row. Empty cell means total recorded species catch by non-treaty sectors in that year = 0.

Table 2d. Open Access Sector\* Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish: 1995 to 2005

Stock or Complex	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average** Share
Lingcod - coastwide	18.6%	14.6%	16.9%	15.4%	14.4%	15.2%	18.3%	10.2%	5.6%	17.8%	10.9%	14.4%
N. of 42° (OR & WA)	13.0%	13.0%	14.6%	14.9%	20.1%	24.1%	23.0%	14.3%	12.5%	14.4%	11.5%	16.0%
S. of 42° (CA)	25.9%	17.1%	20.5%	15.8%	10.3%	8.9%	14.3%	7.9%	3.6%	22.6%	14.3%	10.3%
Pacific Cod	1.9%	2.0%	0.8%	0.7%	0.7%	0.7%	0.6%	0.3%	0.7%	0.1%	0.1%	0.8%
Pacific Whiting (Coastwide)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Sablefish (Coastwide)	9.1%	9.6%	7.7%	5.3%	6.2%	9.1%	10.3%	12.0%	12.6%	10.4%	16.6%	9.9%
N. of 36° (Monterey north)	8.4%	9.5%	7.9%	5.5%	6.2%	9.0%	10.3%	11.8%	12.5%	10.3%	16.8%	9.8%
S. of 36° (Conception area)	23.1%	12.3%	2.2%	1.8%	6.7%	13.6%	10.2%	15.9%	15.8%	14.4%	11.8%	11.6%
PACIFIC OCEAN PERCH	0.7%	0.8%	0.8%	0.2%	1.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.5%
Shortbelly Rockfish	0.5%	1.1%	0.1%	1.3%	4.8%	0.0%	0.9%	0.0%	26.5%	2.2%	0.0%	3.4%
WIDOW ROCKFISH	1.6%	1.0%	1.1%	3.9%	1.3%	0.4%	0.7%	0.2%	4.2%	0.3%	0.7%	1.4%
CANARY ROCKFISH	13.9%	13.9%	18.9%	14.5%	13.8%	12.1%	9.7%	2.2%	0.6%	0.4%	0.4%	9.1%
Chilipepper Rockfish	20.7%	16.6%	19.7%	20.8%	11.3%	10.9%	7.3%	1.4%	2.8%	3.8%	1.6%	10.6%
BOCACCIO	49.0%	28.7%	15.3%	38.6%	12.9%	4.2%	5.0%	10.0%	2.0%	5.2%	3.8%	15.9%
Splitnose Rockfish	7.6%	1.1%	1.6%	4.0%	0.2%	0.4%	1.3%	2.3%	0.1%	0.0%	0.1%	1.7%
Yellowtail Rockfish	5.4%	6.7%	11.9%	9.4%	3.5%	3.0%	3.8%	3.8%	3.4%	3.6%	2.9%	5.2%
Shortspine Thornyhead - coastwide	1.0%	1.0%	0.4%	0.2%	1.1%	1.0%	0.4%	0.5%	0.3%	0.1%	0.1%	0.5%
N. of 34°27'	0.6%	0.3%	0.4%	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%
S. of 34°27'	1.6%	2.4%	0.4%	0.2%	2.8%	2.3%	1.1%	1.1%	0.7%	0.1%	0.2%	1.2%
Longspine Thornyhead - coastwide	0.5%	0.2%	0.4%	0.1%	0.2%	0.5%	0.6%	0.1%	0.0%	0.0%	0.0%	0.3%
N. of 34°27'	0.5%	0.2%	0.4%	0.1%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%
S. of 34°27'		1.8%	0.0%	0.9%	5.0%	25.4%	21.0%	17.2%	1.5%	1.0%	0.0%	7.4%
Other thornyheads	75.6%	15.4%	4.3%	4.7%	2.9%	5.2%	7.6%	1.5%	1.1%	3.6%	4.4%	11.5%
COWCOD	74.0%	65.0%	51.8%	27.2%	23.6%	4.8%		0.0%		0.0%	1.5%	27.6%
DARKBLOTCHED	0.6%	0.4%	0.7%	2.3%	2.2%	0.8%	0.4%	0.9%	0.4%	0.3%	2.2%	1.0%
YELLOWEYE	17.5%	17.9%	24.1%	21.0%	12.0%	5.9%	8.2%	4.0%	1.5%	6.6%	0.3%	10.8%
Black Rockfish - coastwide	22.6%	21.2%	25.9%	17.9%	19.8%	17.5%	20.3%	23.3%	11.6%	19.6%	16.4%	19.7%
Black Rockfish (WA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Black Rockfish (OR-CA)	28.8%	27.4%	32.1%	23.8%	24.7%	21.7%	24.7%	29.4%	13.4%	26.2%	23.0%	25.0%
Minor Rockfish North	13.7%	15.9%	11.6%	9.6%	10.7%	7.4%	9.1%	15.1%	10.1%	7.1%	11.9%	11.1%
Nearshore Species	47.1%	41.3%	38.5%	32.3%	35.8%	28.9%	34.2%	43.9%	34.6%	29.6%	29.3%	36.0%
Shelf Species	18.2%	20.0%	14.0%	10.4%	10.4%	7.8%	3.4%	6.7%	7.4%	5.6%	6.4%	10.0%
BOCACCIO: N. of Monterey	9.3%	14.1%	3.9%	8.4%	11.1%	0.7%	0.1%	0.1%	0.3%	0.0%	1.0%	4.5%
Chilipepper Rockfish: Eureka	2.8%	8.9%	20.6%	3.4%	7.2%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	4.0%
Redstripe Rockfish	0.0%	0.3%	0.3%	0.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Silvergrey Rockfish	2.3%	1.0%	3.2%	0.5%	0.2%	0.2%	0.1%	10.1%	0.0%	5.1%	0.0%	2.1%
Other Northern Shelf Rockfish	28.2%	30.5%	18.7%	14.2%	12.5%	12.9%	12.6%	11.0%	15.2%	13.8%	14.1%	16.7%
Slope Species	1.6%	2.6%	1.3%	1.6%	2.6%	2.6%	2.7%	1.7%	1.5%	1.3%	5.0%	2.2%
Bank Rockfish	4.2%	2.3%	2.2%	10.8%	1.1%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%
Sharpchin Rockfish, north	0.3%	0.2%	0.2%	0.7%	0.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Splitnose Rockfish: N. of Monterey	0.6%	0.1%	0.5%	1.8%	1.6%	1.0%	0.4%	0.0%	0.0%	0.1%	0.2%	0.6%
Yellowmouth Rockfish	2.4%	0.2%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
Other Northern Slope Rockfish	2.3%	5.7%	2.8%	1.9%	4.0%	3.0%	3.5%	2.1%	1.7%	1.8%	5.8%	3.1%
Minor Rockfish South	40.4%	28.0%	23.8%	30.2%	17.7%	13.6%	14.9%	11.8%	11.1%	14.6%	13.2%	19.9%
Nearshore Species	44.2%	34.8%	30.0%	30.6%	26.0%	23.5%	21.0%	16.0%	9.3%	19.6%	16.4%	24.7%
Shelf Species	46.0%	34.6%	26.4%	38.1%	10.6%	6.3%	6.7%	3.8%	2.5%	7.1%	5.9%	17.1%
Redstripe Rockfish	0.0%	0.0%	0.0%	4.5%	0.0%	45.1%	66.7%					16.6%
Yellowtail Rockfish	49.4%	17.8%	15.3%	39.3%	9.6%	3.3%	2.3%	2.1%	5.1%	9.6%	8.0%	14.7%
Other Southern Shelf Rockfish	45.2%	38.1%	38.8%	37.3%	11.1%	7.5%	7.7%	4.0%	2.4%	7.0%	5.9%	18.6%
Slope Species	28.8%	14.4%	13.0%	19.9%	16.5%	4.2%	9.9%	12.3%	23.9%	15.2%	17.8%	16.0%
Bank Rockfish	18.2%	6.0%	7.6%	24.3%	24.9%	2.9%	10.9%	6.4%	15.3%	15.6%	31.9%	14.9%
Blackgill Rockfish	44.6%	27.1%	25.5%	10.0%	16.1%	4.5%	9.5%	27.0%	33.4%	18.4%	14.9%	21.0%
Sharpchin Rockfish	10.5%	0.6%	0.1%	0.9%	0.0%	0.0%	0.0%	0.0%				1.5%
Yellowmouth Rockfish		19.1%	0.0%									6.4%
Other Southern Slope Rockfish	15.2%	19.3%	15.5%	19.4%	8.9%	8.3%	8.1%	3.6%	8.3%	6.2%	11.3%	11.3%
California scorpionfish	21.4%	11.2%	19.4%	32.2%	21.4%	16.3%	14.5%	18.3%	4.6%	7.4%	8.7%	16.0%
Cabezon (off CA only)	55.8%	56.9%	64.0%	68.6%	71.9%	72.0%	60.5%	55.2%	29.2%	55.0%	39.2%	57.1%
Dover Sole	0.8%	0.8%	0.7%	0.7%	1.3%	0.7%	0.5%	0.3%	0.2%	0.1%	0.1%	0.6%
English Sole	1.3%	2.7%	4.4%	2.3%	3.7%	3.4%	2.5%	0.8%	2.2%	0.7%	0.6%	2.2%
Petrale Sole (coastwide)	1.3%	1.5%	3.2%	1.8%	2.4%	2.7%	2.0%	0.8%	2.7%	0.3%	0.4%	1.7%
N of 40°10'	0.6%	1.5%	3.9%	1.5%	2.7%	2.9%	2.1%	0.8%	3.0%	0.2%	0.5%	1.8%
S of 40°10'	3.9%	1.5%	1.4%	2.9%	1.4%	1.3%	1.5%	0.6%	0.5%	0.5%	0.0%	1.4%
Arrowtooth Flounder	0.9%	0.3%	0.2%	0.2%	0.3%	0.6%	0.1%	0.1%	0.6%	0.0%	0.1%	0.3%
Starry Flounder	13.8%	32.4%	32.0%	29.5%	48.3%	28.4%	3.8%	25.3%	23.9%	14.8%	0.9%	23.0%
Other Flatfish	2.3%	4.5%	7.9%	4.3%	3.7%	3.2%	4.8%	2.8%	2.6%	3.3%	0.2%	3.6%
Kelp Greenling	7.9%	6.8%	33.3%	43.7%	55.5%	49.1%	30.7%	26.0%	19.3%	36.2%	39.9%	31.7%
Spiny Dogfish	0.2%	7.0%	13.1%	0.3%	1.1%	0.9%	0.7%	2.4%	11.1%	12.8%	2.1%	4.7%
Other Fish	7.6%	18.5%	15.1%	10.5%	21.6%	30.0%	22.5%	23.8%	25.6%	34.3%	29.8%	21.8%

\*"Open Access Sector" includes Directed OA and Incidental OA sectors.

\*\* Arithmetic average of non-empty cells in each row. Empty cell means total recorded species catch by non-treaty sectors in that year = 0.

**Table 2e. Recreational Sector\* Share (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish: 1995 to 2005**

Stock or Complex	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average**
												Share
Lingcod - coastwide	21.9%	24.6%	21.5%	50.1%	55.6%	65.3%	63.0%	75.4%	89.3%	65.9%	74.2%	55.2%
N. of 42° (OR & WA)	13.2%	12.0%	13.5%	33.2%	34.5%	47.7%	51.9%	60.0%	69.1%	64.9%	64.3%	42.2%
S. of 42° (CA)	33.4%	43.0%	34.2%	62.9%	70.6%	77.8%	72.2%	84.1%	95.0%	67.4%	83.0%	65.8%
Pacific Cod	0.1%	0.1%	0.1%	0.4%	0.1%	0.0%	0.0%	0.7%	1.1%	1.1%	1.0%	0.4%
Pacific Whiting (Coastwide)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Sablefish (Coastwide)	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%
N. of 36° (Monterey north)	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.2%	0.2%	0.1%	0.0%	0.1%
S. of 36° (Conception area)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>PACIFIC OCEAN PERCH</b>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Shortbelly Rockfish	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>WIDOW ROCKFISH</b>	0.1%	0.4%	0.6%	1.2%	0.8%	0.4%	0.7%	0.7%	4.1%	19.5%	1.9%	2.8%
<b>CANARY ROCKFISH</b>	11.1%	6.6%	11.6%	6.4%	12.5%	59.1%	52.2%	33.1%	78.1%	56.9%	50.6%	34.4%
Chilipepper Rockfish	0.6%	1.9%	3.6%	0.5%	2.6%	8.6%	13.7%	36.2%	0.1%	12.1%	9.5%	8.1%
<b>BOCACCIO</b>	4.7%	17.7%	34.1%	27.5%	67.6%	81.6%	83.0%	30.4%	95.1%	83.8%	84.2%	55.4%
Splitnose Rockfish	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Yellowtail Rockfish	0.6%	0.6%	1.9%	2.1%	0.9%	0.7%	1.1%	2.6%	13.0%	12.5%	10.6%	4.2%
Shortspine Thornyhead - coastwide	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
N. of 34°27'	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
S. of 34°27'	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Longspine Thornyhead - coastwide	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
N. of 34°27'	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
S. of 34°27'	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other thornyheads	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>COWCOD</b>	9.4%	26.3%	31.3%	59.2%	72.5%	94.6%	89.8%	89.8%	100.0%	98.5%	64.6%	6.0%
<b>DARKBLOTCHED</b>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>YELLOWEYE</b>	13.9%	14.8%	16.3%	36.5%	34.1%	70.0%	67.9%	84.6%	89.4%	88.6%	97.4%	55.8%
Black Rockfish - coastwide	73.1%	74.9%	67.0%	70.4%	77.3%	79.4%	75.0%	73.7%	87.1%	78.7%	82.0%	76.2%
Black Rockfish (WA)	98.5%	100.0%	99.5%	92.5%	100.0%	100.0%	100.0%	99.8%	100.0%	100.0%	100.0%	99.1%
Black Rockfish (OR-CA)	66.1%	67.6%	59.2%	63.1%	71.7%	74.5%	69.6%	66.8%	85.1%	71.5%	74.9%	70.0%
<b>Minor Rockfish North</b>	1.5%	2.0%	4.1%	4.2%	6.0%	9.0%	10.2%	14.3%	16.2%	14.5%	22.1%	9.5%
<b>Nearshore Species</b>	38.0%	46.3%	53.5%	52.7%	51.7%	58.3%	47.6%	41.9%	61.0%	66.5%	68.2%	53.2%
<b>Shelf Species</b>	0.4%	0.2%	0.5%	0.6%	1.4%	4.0%	2.5%	9.1%	12.7%	15.5%	20.1%	6.1%
BOCACCIO: N. of Monterey	0.8%	0.2%	0.3%	0.5%	1.6%	13.0%	10.9%	24.4%	14.5%	8.4%	19.2%	8.5%
Chilipepper Rockfish: Eureka	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Redstripe Rockfish	0.2%	0.1%	0.2%	0.2%	0.2%	0.8%	0.5%	0.5%	1.2%	0.7%	1.3%	0.5%
Silvergrey Rockfish	0.1%	0.0%	0.1%	0.1%	0.2%	5.9%	1.1%	3.2%	4.2%	1.2%	12.6%	2.6%
Other Northern Shelf Rockfish	0.4%	0.4%	0.7%	0.8%	1.7%	5.7%	6.6%	10.9%	20.9%	37.0%	43.5%	11.7%
<b>Slope Species</b>	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Bank Rockfish	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Sharpchin Rockfish, north	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Splitnose Rockfish: N. of Monterey	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Yellowmouth Rockfish	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	0.0%	0.0%	0.0%	0.3%
Other Northern Slope Rockfish	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Minor Rockfish South</b>	27.3%	33.3%	38.6%	30.4%	70.8%	67.3%	62.0%	58.1%	70.1%	57.9%	71.1%	53.3%
<b>Nearshore Species</b>	51.7%	58.7%	62.3%	64.4%	69.6%	73.0%	76.3%	82.6%	90.4%	80.0%	83.3%	72.0%
<b>Shelf Species</b>	31.8%	41.5%	45.8%	30.1%	81.1%	85.8%	83.3%	90.9%	96.3%	90.3%	89.9%	69.7%
Redstripe Rockfish	0.0%	100.0%	8.9%	7.1%	39.8%	43.8%	0.0%	0.0%	0.0%	0.0%	0.0%	28.5%
Yellowtail Rockfish	15.0%	44.7%	55.1%	26.1%	82.2%	82.4%	93.7%	90.9%	93.1%	88.6%	62.1%	66.7%
Other Southern Shelf Rockfish	35.6%	40.9%	35.8%	33.0%	80.7%	87.4%	80.9%	90.9%	96.4%	90.4%	91.1%	69.4%
<b>Slope Species</b>	0.4%	2.2%	1.5%	0.4%	4.8%	1.4%	0.2%	0.8%	0.6%	0.1%	0.2%	1.1%
Bank Rockfish	0.0%	3.9%	2.8%	0.4%	15.6%	3.0%	0.4%	0.0%	1.0%	0.3%	1.1%	2.6%
Blackgill Rockfish	0.8%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0%	0.3%
Sharpchin Rockfish	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Yellowmouth Rockfish	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other Southern Slope Rockfish	0.1%	0.3%	1.0%	1.5%	1.2%	0.0%	0.5%	1.4%	1.9%	0.0%	0.0%	0.7%
California scorpionfish	76.2%	86.8%	75.8%	67.1%	78.6%	83.6%	85.4%	80.8%	95.4%	92.6%	91.3%	83.1%
Cabezon (off CA only)	43.2%	42.8%	31.2%	29.3%	25.7%	26.1%	44.0%	37.4%	70.7%	44.6%	60.6%	41.4%
Dover Sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
English Sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Petrale Sole (coastwide)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
N of 40°10'	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
S of 40°10'	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	1.7%	0.0%	0.1%	0.0%	0.2%
Arrowtooth Flounder	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Starry Flounder	6.1%	6.7%	3.6%	9.2%	9.4%	14.1%	94.3%	33.1%	27.0%	3.8%	26.3%	21.2%
Other Flatfish	0.7%	2.7%	1.9%	0.9%	1.1%	3.9%	2.8%	2.3%	3.4%	3.3%	2.8%	2.3%
Kelp Greenling	87.1%	92.5%	62.6%	51.5%	37.5%	45.2%	64.6%	70.9%	77.9%	59.7%	57.2%	64.2%
Spiny Dogfish	3.5%	5.1%	0.8%	0.4%	1.4%	1.4%	1.4%	1.5%	3.8%	0.3%	0.5%	1.8%
Other Fish	18.2%	4.8%	6.0%	6.9%	12.1%	11.8%	13.4%	26.0%	16.2%	24.6%	30.7%	15.5%

\* "Recreational Sector" includes Washington, Oregon and California sport fisheries for Council-managed groundfish.

\*\* Arithmetic average of non-empty cells in each row. Empty cell means total recorded species catch by non-treaty sectors in that year = 0.

Table 2f. Treaty Sector\* Landings or Deliveries as a share (%) of associated OYs: 1995 to 2005

Stock or Complex	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average** Share
Lingcod - coastwide	-	0	0.03%	0.28%	0.44%	0.82%	0.70%	1.95%	3.43%	3.24%	1.28%	1.22%
N. of 42° (OR & WA)	-	-	-	-	-	-	-	-	-	-	1.71%	1.71%
S. of 42° (CA)	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Cod	-	-	-	-	-	-	-	1.82%	6.70%	9.62%	7.73%	6.47%
Pacific Whiting (Coastwide)	-	7.08%	10.70%	10.56%	11.14%	2.69%	3.19%	16.83%	15.83%	11.38%	13.14%	10.25%
Sablefish (Coastwide)	-	-	-	-	-	-	-	-	-	9.15%	9.02%	9.08%
N. of 36° (Monterey north)	9.86%	10.94%	10.33%	8.55%	8.97%	8.91%	9.55%	10.01%	9.27%	9.49%	9.35%	9.57%
S. of 36° (Conception area)	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC OCEAN PERCH	-	0.00%	0.87%	0.06%	0.20%	0.02%	0.24%	0.13%	0.31%	0.88%	0.78%	0.35%
Shortbelly Rockfish	-	-	-	-	0.00%	-	-	-	-	-	-	0.00%
WIDOW ROCKFISH	-	0.18%	0.15%	0.30%	0.73%	0.24%	0.46%	3.76%	1.38%	8.08%	10.52%	2.58%
CANARY ROCKFISH	0.00%	0.01%	0.17%	0.30%	0.57%	0.66%	5.28%	6.52%	4.86%	7.82%	10.01%	3.29%
Chilipepper Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
BOCACCIO	-	-	-	-	-	-	-	-	-	-	-	-
Splitnose Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Yellowtail Rockfish	0.00%	1.51%	4.43%	5.30%	14.14%	3.80%	5.90%	13.96%	9.76%	8.79%	14.84%	7.50%
Shortspine Thornyhead - coastwide	0.47%	0.48%	0.56%	0.28%	0.46%	0.36%	0.66%	0.50%	0.60%	0.66%	1.08%	0.56%
N. of 34°27'	-	-	-	-	-	-	-	-	-	-	1.08%	1.08%
S. of 34°27'	-	-	-	-	-	-	-	-	-	-	-	-
Longspine Thornyhead - coastwide	-	-	-	-	-	-	-	-	-	-	0.01%	0.01%
N. of 34°27'	0.01%	0.00%	0.00%	0.00%	-	-	-	-	0.01%	0.00%	0.01%	0.00%
S. of 34°27'	-	-	-	-	-	-	-	-	-	-	-	-
Other thornyheads	-	-	-	-	-	-	-	-	-	-	-	-
COWCOD	-	-	-	-	-	-	-	-	-	-	-	-
DARKBLOTCHED	-	-	-	-	-	-	0.08%	0.93%	0.02%	0.06%	0.04%	0.23%
YELLOWEYE	-	-	-	-	-	-	-	16.57%	1.22%	3.59%	3.19%	6.14%
Black Rockfish - coastwide	-	-	-	-	-	-	-	-	-	-	-	-
Black Rockfish (WA)	-	-	-	-	-	-	-	-	-	-	-	-
Black Rockfish (OR-CA)	-	-	-	-	-	-	-	-	-	-	-	-
Minor Rockfish North	1.13%	0.87%	1.04%	1.10%	1.43%	0.84%	1.21%	0.89%	1.00%	1.22%	1.72%	1.13%
Nearshore Species	-	-	-	-	-	-	-	-	-	-	0.14%	0.14%
Shelf Species	-	-	-	-	-	-	-	-	-	-	0.94%	0.94%
BOCACCIO: N. of Monterey	-	-	-	-	-	-	-	-	-	-	0.34%	0.34%
Chilipepper Rockfish: Eureka	-	-	-	-	-	-	-	-	-	-	-	-
Redstripe Rockfish	-	-	-	-	-	-	-	-	-	-	0.41%	0.41%
Silvergrey Rockfish	-	-	-	-	-	-	-	-	-	-	0.11%	0.11%
Other Northern Shelf Rockfish	-	-	-	-	-	-	-	-	-	-	2.75%	2.75%
Slope Species	-	-	-	-	-	-	-	-	-	-	2.53%	2.53%
Bank Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Sharpchin Rockfish, north	-	-	-	-	-	-	-	-	-	-	0.07%	0.07%
Splitnose Rockfish: N. of Monterey	-	-	-	-	-	-	-	-	-	-	0.01%	0.01%
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Other Northern Slope Rockfish	-	-	-	-	-	-	-	-	-	-	4.32%	4.32%
Minor Rockfish South	-	-	-	-	-	-	-	-	-	-	-	-
Nearshore Species	-	-	-	-	-	-	-	-	-	-	-	-
Shelf Species	-	-	-	-	-	-	-	-	-	-	-	-
Redstripe Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Yellowtail Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Other Southern Shelf Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Slope Species	-	-	-	-	-	-	-	-	-	-	-	-
Bank Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Blackgill Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Sharpchin Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Yellowmouth Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
Other Southern Slope Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
California scorpionfish	-	-	-	-	-	-	-	-	-	-	-	-
Cabezon (off CA only)	-	-	-	-	-	-	-	-	-	-	-	-
Dover Sole	0.01%	0.01%	0.01%	0.02%	0.06%	0.01%	0.03%	0.22%	0.44%	1.12%	1.94%	0.35%
English Sole	-	-	-	-	-	-	-	-	2.18%	2.61%	2.13%	2.31%
Petrale Sole (coastwide)	-	-	-	-	-	-	-	-	3.05%	3.05%	1.07%	2.39%
N of 40°10'	-	-	-	-	-	-	-	-	-	-	-	-
S of 40°10'	-	-	-	-	-	-	-	-	-	-	-	-
Arrowtooth Flounder	-	-	-	-	-	-	-	-	0.41%	1.44%	2.77%	1.54%
Starry Flounder	-	-	-	-	-	-	-	-	-	-	-	-
Other Flatfish	-	-	-	-	-	-	-	-	0.14%	0.23%	0.95%	0.44%
Kelp Greenling	-	-	-	-	-	-	-	-	-	-	-	-
Spiny Dogfish	-	-	-	-	-	-	-	-	-	-	-	-
Other Fish	-	-	-	-	-	-	-	-	0.00%	0.00%	0.01%	0.00%

\* "Treaty Sector" includes shoreside landings and at-sea deliveries of Council-managed groundfish species.

\*\* Arithmetic average of non-empty cells in each row. Empty cell (-) means total recorded catch by treaty sectors of that species in that year = 0.

Table 3. Maximum, Minimum and Average Shares (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

MAXIMUM shares (%)

Stock or Complex	At-Sea Catcher-	At Sea	Shoreside	Shoreside Non-	Shoreside LE	Shoreside LE Pot	Shoreside	Shoreside	Recreational
	Processors	Motherships	Whiting LE Trawl	whiting LE Trawl	Line Gear	Gear	Directed OA	Incidental OA	
Lingcod - coastwide	0.08%	0.30%	0.90%	58.34%	3.94%	0.60%	15.87%	6.48%	89.25%
N. of 42° (OR & WA)	0.14%	0.64%	1.84%	74.15%	6.73%	0.76%	15.23%	14.44%	69.12%
S. of 42° (CA)	-	-	0.07%	40.48%	5.19%	0.38%	24.66%	1.92%	95.00%
Pacific Cod	0.07%	0.01%	0.20%	99.00%	0.45%	0.01%	0.21%	1.93%	1.13%
Pacific Whiting (Coastwide)	38.48%	24.47%	48.84%	0.06%	0.00%	0.00%	0.02%	0.17%	0.00%
Sablefish (Coastwide)	0.81%	0.18%	3.86%	55.02%	33.86%	12.35%	16.59%	1.25%	0.19%
N. of 36° (Monterey north)	0.82%	0.18%	4.09%	54.66%	33.66%	12.83%	16.72%	1.27%	0.21%
S. of 36° (Conception area)	-	-	-	63.34%	69.68%	0.09%	22.93%	3.22%	0.10%
PACIFIC OCEAN PERCH	9.51%	3.10%	3.74%	98.41%	1.10%	0.11%	0.29%	1.65%	0.00%
Shortbelly Rockfish	67.69%	99.69%	67.78%	98.85%	0.09%	-	26.54%	4.77%	0.18%
WIDOW ROCKFISH	36.78%	21.78%	47.14%	92.81%	0.37%	0.01%	3.68%	0.61%	19.51%
CANARY ROCKFISH	2.20%	14.29%	12.36%	74.02%	8.26%	0.02%	17.05%	8.66%	78.11%
Chilipepper Rockfish	-	-	-	96.03%	7.73%	-	20.19%	1.18%	36.23%
BOCACCIO	-	-	-	57.86%	4.01%	-	48.51%	1.18%	95.06%
Splittnose Rockfish	-	-	-	99.93%	5.82%	-	7.47%	0.66%	0.09%
Yellowtail Rockfish	14.83%	11.25%	54.11%	86.43%	1.68%	0.00%	4.61%	7.27%	13.05%
Shortspine Thornyhead - coastwide	2.81%	0.11%	0.22%	97.01%	21.67%	0.05%	0.90%	0.19%	0.14%
N. of 34°27'	4.06%	0.20%	0.36%	97.78%	3.00%	0.09%	0.42%	0.26%	0.24%
S. of 34°27'	-	-	-	96.41%	48.22%	0.00%	2.66%	0.36%	0.02%
Longspine Thornyhead - coastwide	0.00%	0.00%	0.05%	99.25%	3.46%	0.00%	0.56%	0.14%	-
N. of 34°27'	0.00%	0.00%	0.05%	99.89%	2.15%	0.00%	0.50%	0.14%	-
S. of 34°27'	-	-	-	3.58%	100.00%	-	25.43%	0.89%	-
Other thornyheads	-	-	-	90.49%	93.35%	0.01%	75.41%	1.22%	-
COWCOD	-	-	-	3.27%	16.93%	-	71.26%	4.41%	100.00%
DARKBLOTCHED	6.68%	5.21%	5.61%	98.85%	3.63%	0.05%	2.25%	2.13%	0.00%
YELLOWEYE	10.30%	0.05%	0.18%	57.34%	35.78%	0.13%	23.83%	6.58%	97.36%
Black Rockfish - coastwide	0.16%	0.00%	0.07%	8.23%	4.58%	0.05%	25.22%	0.70%	87.07%
Black Rockfish (WA)	-	-	0.29%	7.25%	-	-	-	-	100.00%
Black Rockfish (OR-CA)	0.20%	0.00%	0.03%	8.55%	5.65%	0.06%	31.26%	0.87%	85.14%
Minor Rockfish North	11.21%	4.82%	7.97%	68.95%	21.28%	1.29%	14.57%	8.30%	22.07%
Nearshore Species	-	0.09%	0.01%	2.92%	17.68%	0.68%	46.94%	0.77%	68.19%
Shelf Species	15.38%	19.15%	42.88%	78.29%	31.63%	0.36%	10.97%	11.75%	20.13%
BOCACCIO: N. of Monterey	10.98%	21.83%	6.20%	93.79%	5.35%	-	12.57%	2.24%	24.40%
Chilipepper Rockfish: Eureka	21.34%	17.08%	89.69%	96.66%	7.64%	-	19.68%	7.11%	0.10%
Redstripe Rockfish	86.32%	95.20%	5.29%	99.22%	0.02%	-	0.29%	0.85%	1.28%
Silvergrey Rockfish	5.89%	11.99%	1.99%	98.66%	8.29%	-	5.15%	10.11%	12.57%
Other Northern Shelf Rockfish	11.77%	20.74%	8.11%	59.51%	43.11%	0.85%	15.81%	19.38%	43.54%
Slope Species	20.90%	5.28%	3.21%	92.32%	30.63%	2.15%	4.95%	2.22%	0.08%
Bank Rockfish	45.32%	91.10%	2.68%	100.00%	13.22%	-	9.57%	2.08%	-
Sharpchin Rockfish, north	39.04%	1.95%	0.80%	99.78%	1.16%	-	0.30%	0.75%	-
Splittnose Rockfish: N. of Monterey	66.62%	22.33%	16.27%	87.98%	1.47%	-	0.45%	1.65%	-
Yellowmouth Rockfish	21.15%	6.71%	0.42%	100.00%	1.60%	0.12%	2.43%	0.58%	3.52%
Other Northern Slope Rockfish	17.88%	3.73%	1.82%	85.85%	37.97%	2.53%	5.81%	3.25%	0.18%
Minor Rockfish South	-	-	-	30.95%	8.46%	0.27%	39.36%	1.03%	71.13%
Nearshore Species	-	-	-	2.23%	6.18%	0.58%	43.56%	0.62%	90.44%
Shelf Species	-	-	-	23.37%	8.95%	0.02%	44.21%	2.08%	96.26%
Redstripe Rockfish	-	-	-	100.00%	33.33%	-	66.67%	-	100.00%
Yellowtail Rockfish	-	-	-	33.47%	16.37%	0.00%	48.93%	3.16%	93.70%
Other Southern Shelf Rockfish	-	-	-	19.55%	12.86%	0.03%	43.16%	3.57%	96.44%
Slope Species	-	-	-	77.70%	22.30%	0.29%	28.60%	0.56%	4.84%
Bank Rockfish	-	-	-	92.86%	7.06%	-	31.83%	1.25%	15.58%
Blackgill Rockfish	-	-	-	69.53%	39.76%	0.70%	44.46%	0.37%	2.08%
Sharpchin Rockfish	-	-	-	100.00%	7.11%	-	10.54%	0.02%	-
Yellowmouth Rockfish	-	-	-	100.00%	-	-	19.11%	-	-
Other Southern Slope Rockfish	-	-	-	88.32%	29.71%	1.65%	18.08%	3.01%	1.87%
California scorpionfish	-	-	-	4.23%	2.43%	0.00%	26.09%	11.12%	95.38%
Cabezon (off CA only)	-	-	-	0.06%	4.79%	1.72%	70.81%	4.16%	70.71%
Dover Sole	0.02%	0.00%	0.04%	99.91%	0.03%	0.02%	0.03%	1.29%	0.00%
English Sole	0.01%	0.02%	0.15%	99.39%	0.00%	-	0.17%	4.39%	0.00%
Petrale Sole (coastwide)	0.00%	0.00%	0.10%	99.63%	0.08%	0.00%	0.43%	3.23%	0.22%
N of 40°10'	0.00%	0.00%	0.12%	99.67%	0.06%	0.00%	0.01%	3.89%	0.01%
S of 40°10'	-	-	-	99.96%	0.29%	-	1.94%	2.81%	1.76%
Arrowtooth Flounder	0.12%	0.09%	0.06%	99.83%	0.24%	0.06%	0.04%	0.86%	0.01%
Starry Flounder	-	-	0.04%	81.48%	0.42%	-	0.58%	47.84%	94.34%
Other Flatfish	1.03%	0.11%	0.25%	96.98%	0.07%	0.00%	0.47%	7.57%	3.93%
Kelp Greenling	-	-	-	3.58%	6.13%	1.07%	55.40%	0.41%	92.48%
Spiny Dogfish	46.30%	24.60%	17.85%	62.37%	44.02%	0.02%	13.00%	1.96%	5.13%
Other Fish	0.23%	0.33%	0.07%	69.14%	33.42%	1.48%	30.90%	5.41%	30.71%

Table 3. Maximum, Minimum and Average Shares (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

MINIMUM shares (%)

Stock or Complex	At-Sea Catcher-	At Sea	Shoreside	Shoreside Non-	Shoreside LE	Shoreside LE Pot	Shoreside	Shoreside	Recreational
	Processors	Motherships	Whiting LE Trawl	whiting LE Trawl	Line Gear	Gear	Directed OA	Incidental OA	
Lingcod - coastwide	-	-	0.01%	4.46%	0.53%	0.01%	4.80%	0.54%	21.48%
N. of 42° (OR & WA)	-	-	0.01%	15.73%	0.83%	0.01%	7.47%	0.98%	11.99%
S. of 42° (CA)	-	-	-	1.16%	0.19%	-	3.21%	0.15%	33.39%
Pacific Cod	-	-	0.00%	97.40%	0.07%	-	0.01%	0.02%	-
Pacific Whiting (Coastwide)	33.44%	12.67%	41.88%	0.00%	0.00%	-	-	0.00%	-
Sablefish (Coastwide)	0.01%	0.00%	0.03%	42.31%	26.51%	6.06%	4.51%	0.04%	0.00%
N. of 36° (Monterey north)	0.01%	0.00%	0.03%	42.62%	25.48%	6.28%	4.67%	0.04%	0.00%
S. of 36° (Conception area)	-	-	-	20.02%	13.52%	-	1.55%	0.07%	-
<b>PACIFIC OCEAN PERCH</b>	0.29%	0.03%	0.02%	90.41%	0.00%	-	0.00%	-	-
Shortbelly Rockfish	-	-	0.00%	0.00%	-	-	-	-	-
<b>WIDOW ROCKFISH</b>	1.08%	1.40%	1.28%	1.87%	0.00%	-	0.11%	0.07%	0.09%
<b>CANARY ROCKFISH</b>	0.01%	0.02%	0.05%	20.06%	0.03%	-	-	0.02%	6.36%
Chilipepper Rockfish	-	-	-	62.20%	0.19%	-	1.23%	0.08%	0.09%
<b>BOCACIO</b>	-	-	-	0.99%	0.60%	-	1.86%	0.13%	4.66%
Splitnose Rockfish	-	-	-	91.92%	0.00%	-	0.04%	0.00%	-
Yellowtail Rockfish	0.99%	0.18%	5.30%	9.47%	0.07%	-	0.07%	2.18%	0.56%
Shortspine Thornyhead - coastwide	0.00%	-	0.01%	77.04%	1.69%	0.00%	0.06%	0.04%	-
N. of 34°27'	0.00%	-	0.01%	93.36%	1.20%	0.01%	0.00%	0.00%	-
S. of 34°27'	-	-	-	51.58%	1.99%	-	0.05%	0.02%	-
Longspine Thornyhead - coastwide	-	-	-	95.96%	0.48%	-	0.00%	0.00%	-
N. of 34°27'	-	-	-	97.72%	0.10%	-	0.00%	0.00%	-
S. of 34°27'	-	-	-	-	74.57%	-	-	-	-
Other thornyheads	-	-	-	3.06%	8.38%	-	0.73%	0.00%	-
<b>COWCOD</b>	-	-	-	-	-	-	-	-	9.37%
<b>DARKBLOTCHED</b>	0.22%	0.09%	0.01%	78.78%	0.06%	-	0.02%	0.00%	-
<b>YELLOWEYE</b>	-	-	-	2.24%	0.00%	-	-	0.00%	13.92%
Black Rockfish - coastwide	-	-	-	0.05%	1.24%	-	11.56%	0.06%	66.97%
Black Rockfish (WA)	-	-	-	-	-	-	-	-	92.46%
Black Rockfish (OR-CA)	-	-	-	0.07%	1.42%	-	13.29%	0.07%	59.19%
<b>Minor Rockfish North</b>	0.52%	0.18%	0.11%	27.82%	9.50%	0.08%	5.22%	0.11%	1.51%
<b>Nearshore Species</b>	-	-	-	0.02%	2.23%	-	28.16%	0.00%	38.02%
<b>Shelf Species</b>	0.02%	0.07%	0.14%	14.68%	4.77%	0.00%	2.01%	0.54%	0.25%
BOCACIO: N. of Monterrey	0.03%	-	-	50.11%	-	-	-	-	0.23%
Chilipepper Rockfish: Eureka	-	-	0.01%	5.13%	-	-	-	-	-
<b>Redstripe Rockfish</b>	0.02%	0.02%	-	1.72%	-	-	-	-	0.06%
Silvergrey Rockfish	0.01%	-	-	72.76%	-	-	-	-	0.01%
Other Northern Shelf Rockfish	0.00%	0.00%	0.22%	22.91%	8.07%	0.00%	5.35%	1.20%	0.37%
<b>Slope Species</b>	1.78%	0.08%	0.04%	45.16%	1.89%	-	0.27%	0.01%	0.00%
Bank Rockfish	-	-	-	8.83%	-	-	-	-	-
Sharpchin Rockfish, north	-	-	-	59.01%	-	-	-	-	-
Splitnose Rockfish: N. of Monterrey	2.62%	-	0.00%	31.51%	-	-	-	-	-
Yellowmouth Rockfish	-	-	-	75.33%	-	-	-	-	-
Other Northern Slope Rockfish	0.31%	0.01%	0.01%	43.74%	3.45%	-	0.28%	0.01%	0.00%
<b>Minor Rockfish South</b>	-	-	-	7.46%	3.61%	-	10.70%	0.11%	27.26%
<b>Nearshore Species</b>	-	-	-	0.00%	0.22%	-	9.05%	0.04%	51.69%
<b>Shelf Species</b>	-	-	-	0.57%	0.49%	-	1.85%	0.24%	30.15%
<b>Redstripe Rockfish</b>	-	-	-	-	-	-	-	-	-
Yellowtail Rockfish	-	-	-	1.62%	-	-	1.61%	0.08%	14.98%
Other Southern Shelf Rockfish	-	-	-	0.52%	0.51%	-	1.84%	0.19%	32.99%
<b>Slope Species</b>	-	-	-	53.18%	7.81%	-	3.93%	0.06%	0.13%
Bank Rockfish	-	-	-	59.55%	0.01%	-	2.88%	-	0.03%
Blackgill Rockfish	-	-	-	28.85%	16.25%	-	4.20%	0.01%	-
Sharpchin Rockfish	-	-	-	87.36%	-	-	-	-	-
Yellowmouth Rockfish	-	-	-	80.89%	-	-	-	-	-
Other Southern Slope Rockfish	-	-	-	62.02%	1.00%	-	3.16%	0.17%	-
California scorpionfish	-	-	-	-	-	-	2.30%	0.23%	67.07%
Cabezon (off CA only)	-	-	-	-	0.10%	-	27.78%	0.14%	25.74%
Dover Sole	-	-	0.00%	98.68%	0.01%	0.00%	0.00%	0.05%	-
English Sole	-	0.00%	0.00%	95.55%	-	-	0.00%	0.60%	-
<b>Petrale Sole (coastwide)</b>	-	-	0.00%	96.61%	0.01%	-	0.00%	0.27%	0.00%
N. of 40°10'	-	-	0.00%	96.05%	0.00%	-	-	0.23%	0.00%
S. of 40°10'	-	-	-	95.69%	-	-	-	0.01%	-
<b>Arrowtooth Flounder</b>	0.00%	0.00%	0.01%	98.96%	0.01%	0.00%	0.00%	0.03%	-
Starry Flounder	-	-	-	1.81%	-	-	0.00%	0.88%	3.61%
<b>Other Flatfish</b>	0.00%	0.00%	0.00%	89.95%	0.01%	-	0.14%	0.08%	0.69%
Kelp Greenling	-	-	-	-	0.67%	-	6.54%	0.00%	37.46%
Spiny Dogfish	2.12%	0.13%	0.02%	16.64%	0.10%	-	0.11%	0.00%	0.34%
Other Fish	-	-	-	30.16%	5.14%	-	6.24%	0.08%	4.80%

Table 3. Maximum, Minimum and Average Shares (%) of Non-Treaty Landings or Deliveries of PFMC-managed Groundfish by Westcoast Fishery Sectors: 1995 to 2005

**AVERAGE shares (%) (average of annual percentages)**

Stock or Complex	At-Sea Catcher-	At Sea	Shoreside	Shoreside Non-	Shoreside LE	Shoreside LE Pot	Shoreside	Shoreside	Recreational
	Processors	Motherships	Whiting LE Trawl	whiting LE Trawl	Line Gear	Gear	Directed OA	Incidental OA	
Lingcod - coastwide	0.02%	0.06%	0.22%	27.39%	2.60%	0.17%	11.29%	3.07%	55.17%
N. of 42° (OR & WA)	0.05%	0.14%	0.44%	37.62%	3.33%	0.29%	10.54%	5.41%	42.19%
S. of 42° (CA)	-	-	0.01%	17.47%	2.34%	0.07%	13.12%	1.20%	65.78%
Pacific Cod	0.01%	0.00%	0.07%	98.42%	0.28%	0.00%	0.10%	0.69%	0.43%
Pacific Whiting (Coastwide)	34.88%	21.61%	43.46%	0.03%	0.00%	0.00%	0.00%	0.02%	0.00%
Sablefish (Coastwide)	0.33%	0.03%	1.00%	49.26%	28.97%	10.44%	9.11%	0.80%	0.06%
N. of 36° (Monterey north)	0.34%	0.03%	1.05%	49.45%	28.39%	10.85%	9.04%	0.78%	0.07%
S. of 36° (Conception area)	-	-	-	43.32%	45.03%	0.01%	10.61%	1.02%	0.01%
<b>PACIFIC OCEAN PERCH</b>	2.44%	0.91%	1.26%	94.65%	0.26%	0.02%	0.09%	0.36%	0.00%
Shortbelly Rockfish	13.58%	20.47%	9.60%	52.90%	0.01%	-	2.76%	0.64%	0.04%
<b>WIDOW ROCKFISH</b>	11.00%	5.38%	14.95%	64.37%	0.13%	0.00%	1.15%	0.25%	2.77%
<b>CANARY ROCKFISH</b>	0.70%	1.95%	1.84%	47.55%	4.44%	0.00%	6.66%	2.47%	34.38%
Chilipepper Rockfish	-	-	0.02%	79.29%	1.91%	-	10.06%	0.57%	8.14%
<b>BOCACCIO</b>	-	-	0.00%	26.47%	2.23%	-	15.33%	0.54%	55.43%
Splittnose Rockfish	-	-	0.00%	97.25%	1.03%	-	1.58%	0.12%	0.01%
Yellowtail Rockfish	5.16%	6.26%	17.93%	60.61%	0.58%	0.00%	1.37%	3.85%	4.23%
Shortspine Thornyhead - coastwide	0.98%	0.02%	0.05%	88.18%	10.20%	0.02%	0.44%	0.11%	0.02%
N. of 34°27'	1.59%	0.03%	0.08%	96.14%	1.90%	0.04%	0.10%	0.10%	0.03%
S. of 34°27'	-	-	-	75.74%	23.08%	0.00%	1.06%	0.11%	0.00%
Longspine Thornyhead - coastwide	0.00%	0.00%	0.01%	98.06%	1.66%	0.00%	0.21%	0.05%	-
N. of 34°27'	0.00%	0.00%	0.01%	98.96%	0.87%	0.00%	0.10%	0.05%	-
S. of 34°27'	-	-	-	0.36%	92.24%	-	7.19%	0.21%	-
Other thornyheads	-	-	-	51.33%	37.18%	0.00%	11.11%	0.38%	-
<b>COWCOD</b>	-	-	-	0.37%	7.47%	-	26.34%	1.22%	64.61%
<b>DARKBLOTCHED</b>	3.04%	1.18%	1.15%	92.80%	0.81%	0.01%	0.47%	0.55%	0.00%
<b>YELLOWEYE</b>	0.98%	0.01%	0.05%	20.42%	11.93%	0.02%	9.60%	1.23%	55.77%
Black Rockfish - coastwide	0.01%	0.00%	0.01%	1.37%	2.71%	0.01%	19.40%	0.25%	76.23%
Black Rockfish (WA)	-	-	0.03%	0.86%	-	-	-	-	99.11%
Black Rockfish (OR-CA)	0.02%	0.00%	0.00%	1.51%	3.43%	0.01%	24.69%	0.32%	70.02%
<b>Minor Rockfish North</b>	5.27%	1.51%	2.78%	54.61%	14.72%	0.53%	8.70%	2.41%	9.47%
<b>Nearshore Species</b>	-	0.01%	0.00%	0.72%	9.98%	0.08%	35.77%	0.19%	53.25%
<b>Shelf Species</b>	3.59%	3.90%	11.85%	49.86%	14.53%	0.16%	6.41%	3.61%	6.09%
BOCACCIO: N. of Monterey	1.95%	4.00%	1.41%	78.27%	1.38%	-	3.86%	0.60%	8.52%
Chilipepper Rockfish: Eureka	4.34%	4.71%	28.91%	56.59%	1.42%	-	2.86%	1.14%	0.03%
<b>Redstripe Rockfish</b>	21.15%	17.68%	0.55%	59.87%	0.00%	-	0.03%	0.18%	0.54%
Silvergrey Rockfish	1.10%	2.50%	0.43%	89.89%	1.41%	-	1.04%	1.03%	2.60%
Other Northern Shelf Rockfish	2.02%	1.96%	2.34%	39.54%	25.46%	0.29%	10.82%	5.88%	11.68%
<b>Slope Species</b>	8.92%	1.29%	1.17%	72.75%	12.82%	0.81%	1.28%	0.94%	0.02%
Bank Rockfish	4.57%	8.44%	0.32%	83.01%	1.57%	-	1.60%	0.48%	-
Sharpchin Rockfish, north	6.31%	0.26%	0.18%	92.89%	0.14%	-	0.04%	0.18%	-
Splittnose Rockfish: N. of Monterey	28.23%	4.75%	3.54%	62.68%	0.22%	-	0.09%	0.49%	-
Yellowmouth Rockfish	2.09%	0.63%	0.05%	96.38%	0.21%	0.01%	0.23%	0.07%	0.32%
Other Northern Slope Rockfish	6.55%	0.97%	0.66%	67.88%	19.73%	1.03%	1.71%	1.44%	0.03%
<b>Minor Rockfish South</b>	-	-	-	20.89%	5.78%	0.05%	19.28%	0.65%	53.35%
<b>Nearshore Species</b>	-	-	-	0.67%	2.54%	0.09%	24.30%	0.37%	72.03%
<b>Shelf Species</b>	-	-	-	8.96%	4.21%	0.00%	15.91%	1.19%	69.72%
<b>Redstripe Rockfish</b>	-	-	-	48.46%	6.42%	-	16.61%	-	28.52%
Yellowtail Rockfish	-	-	-	15.18%	3.40%	0.00%	13.86%	0.85%	66.71%
Other Southern Shelf Rockfish	-	-	-	7.24%	4.75%	0.01%	17.05%	1.58%	69.37%
<b>Slope Species</b>	-	-	-	68.97%	13.82%	0.07%	15.73%	0.26%	1.14%
Bank Rockfish	-	-	-	80.95%	1.53%	-	14.72%	0.19%	2.61%
Blackgill Rockfish	-	-	-	49.70%	28.84%	0.13%	20.81%	0.20%	0.32%
Sharpchin Rockfish	-	-	-	97.30%	1.19%	-	1.51%	0.01%	-
Yellowmouth Rockfish	-	-	-	93.63%	-	-	6.37%	-	-
Other Southern Slope Rockfish	-	-	-	77.80%	10.02%	0.18%	10.28%	1.01%	0.71%
California scorpionfish	-	-	-	0.39%	0.59%	0.00%	10.95%	5.00%	83.06%
Cabezon (off CA only)	-	-	-	0.01%	1.17%	0.30%	55.31%	1.80%	41.42%
Dover Sole	0.00%	0.00%	0.01%	99.40%	0.02%	0.01%	0.01%	0.54%	0.00%
English Sole	0.00%	0.00%	0.06%	97.69%	0.00%	-	0.03%	2.21%	0.00%
Petrale Sole (coastwide)	0.00%	0.00%	0.03%	98.17%	0.04%	0.00%	0.06%	1.67%	0.03%
N. of 40°10'	0.00%	0.00%	0.04%	98.16%	0.02%	0.00%	0.00%	1.77%	0.00%
S. of 40°10'	-	-	-	98.27%	0.07%	-	0.29%	1.14%	0.22%
<b>Arrowtooth Flounder</b>	0.06%	0.03%	0.04%	99.50%	0.07%	0.01%	0.01%	0.29%	0.00%
Starry Flounder	-	-	0.01%	55.69%	0.05%	-	0.24%	22.77%	21.24%
<b>Other Flatfish</b>	0.25%	0.03%	0.06%	93.68%	0.03%	0.00%	0.30%	3.30%	2.34%
Kelp Greenling	0.00%	-	-	0.35%	3.52%	0.22%	31.54%	0.14%	64.23%
Spiny Dogfish	14.20%	9.06%	4.15%	44.79%	21.28%	0.00%	4.40%	0.29%	1.83%
Other Fish	0.08%	0.05%	0.02%	47.98%	14.31%	0.29%	18.87%	2.88%	15.52%









Notes:

- 1 - Sources: PacFIN, RecFIN and NorPac downloads. PacFIN source files are <ext\_trips\_pfmc\_mg.dat.XX> where "XX" is the two-digit year 1995-2005. These files have a unique record for each vessel-day-SPID delivery to a given buyer code. Species codes (SPIDs) have been adjusted by PacFIN using estimated species composition distributions for certain market categories. PacFIN records include roundweight of landings. RecFIN records include estimated weight of retained plus observed discarded dead (A+B1). NorPac records include observed total catch (retained plus discards) for the at-sea fleets (catcher processor, mothership, and treaty).
- 2 - Recreational entries include estimated weight of retained plus observed discarded dead (A+B1). Recreational data is divided into four regions: WA, OR, Northern CA (34° 27' N. latitude and north to OR border), and Southern CA (34° 27' and south to Mexico border). Note that this division is different than the 40°10' N. latitude line used for managing commercial catch of rockfish species. However since groundfish recreational angler effort and catch in CA is concentrated south of 40°10' N. latitude, for 1995 - 2003, all catch of "minor rockfish" species in both the Northern CA and Southern CA regions is included as "minor rockfish- south". For 2004 and 2005, catch recorded using new more detailed geographical strata was used to split Northern CA catch of Minor Rockfish north and south of 40° 10'.
- 3 - Recreational totals were provided by the states and include RecFIN ocean, shore and estuary (including SF Bay but excluding Puget Sound) catch of Council-managed species. Oregon shore and estuary boat survey, which was conducted from July 2003 – June 2005, is not currently in the RecFIN database. In order to estimate this mortality, the average mortality of the shore and estuary catch from 1998-2002 was calculated and prorated.
- 4 - "Shoreside Directed OA" is defined as commercial landings where gear used was not endorsed by an LE permit, where at least 50% of the total round weight was groundfish and less than 100 lbs was pink shrimp, and one or more of the following gear types were used: hook and line gear (longlines, vertical hook and line, setline, pole, jig, and bottom troll gear), fish pots, dive gear, or set net gear.
- 5 - "Shoreside Incidental OA" is defined as commercial landings containing groundfish where other types of gear such as shrimp trawl, seine, drift net, salmon troll, crab pot, or exempt trawl gear were used. This category includes all groundfish landings by vessels targeting Pink Shrimp, whether or not they held an LE trawl permit, and excludes landings records where groundfish outweighed California halibut.
- 6 - Numerous occurrences of large PacFIN landings by non-LE endorsed vessels were investigated. These landings were concentrated from 1995 to 1999. While investigation showed some of these to actually be LE landings, the vast majority were by Canadian vessels delivering to WA ports. These records were recorded in PacFIN and excluded from this analysis.
- 7 - Species and species groups listed in the tables are adapted from the ABC/OY tables in the 2007-2008 Groundfish Specifications EIS.
- 8 - "Other Flatfish" includes all the unassessed flatfish species in the Groundfish FMP. These include butter sole (*Isopsetta isolepis*), curflin sole (*Pleuronichthys decurrens*), flathead sole (*Hippoglossoides elassodon*), Pacific sanddab (*Citharichthys sordidus*), rex sole (*Glyptocephalus zachirus*), rock sole (*Lepidopsetta bilineata*), and sand sole (*Psetichthys melanostictus*).
- 9 - "Other Fish" contains all the unassessed Groundfish FMP species that are neither rockfish (family Scorpaenidae) nor flatfish. These species include big skate (*Raja binoculata*), California skate (*Raja inornata*), leopard shark (*Triakis semifasciata*), longnose skate (*Raja rhina*), soupfin shark (*Galeorhinus zyoapterus*), finescape codling (*Antimora microlepis*), Pacific rattail (*Coryphaenoides acrolepis*), rattfish (*Hydrolagus colliie*), and cabezon (*Scorpaenichthys marmoratus*) north of the California-Oregon border at 42° N latitude. "Other Fish" does not include spiny dogfish, kelp greenling or cabezon in California. These species are listed separately in the tables.
- 10 - The Minor Nearshore Rockfish complex north of 40°10' N latitude includes the following species: black and yellow rockfish (*S. chrysomelas*); blue rockfish (*S. mystinus*); brown rockfish (*S. auriculatus*); calico rockfish (*S. dalli*); China rockfish (*S. nebulosus*); copper rockfish (*S. caurinus*); gopher rockfish (*S. carnatus*); grass rockfish (*S. rastrelliger*); kelp rockfish (*S. atrovirens*); olive rockfish (*S. serranoides*); quillback rockfish (*S. maliger*); and treefish (*S. serriceps*).
- 11 - The Minor Shelf Rockfish complex north of 40°10' N latitude includes the following species: bronzespotted rockfish (*S. gilli*); bocaccio (*Sebastes paucispinis*); chameleon rockfish (*S. phillipsi*); chilipepper rockfish (*S. goodei*); cowcod (*S. levis*); dusky rockfish (*S. ciliatus*); dwarf-red rockfish (*S. rufianus*); flag rockfish (*S. rubrivinctus*); freckled rockfish (*S. lentiginosus*); greenblotched rockfish (*S. rosenblatti*); greenspotted rockfish (*S. chlorostictus*); greenstriped rockfish (*S. elongatus*); halfbanded rockfish (*S. semicinctus*); harlequin rockfish (*S. variegatus*); honeycomb rockfish (*S. umbrosus*); Mexican rockfish (*S. macdonaldi*); pink rockfish (*S. eos*); pinkrose rockfish (*S. simulator*); pygmy rockfish (*S. wilsoni*); redstripe rockfish (*S. proriger*); rosethorn rockfish (*S. helvomaculatus*); rosy rockfish (*S. rosaceus*); silvergray rockfish (*S. brevispinis*); speckled rockfish (*S. ovalis*); squarespot rockfish (*S. hopkinsi*); stary rockfish (*S. constellatus*); striptail rockfish (*S. saxicola*); swordspine rockfish (*S. ensifer*); tiger rockfish (*S. nigrocinctus*); and vermilion rockfish (*S. miniatus*).
- 12 - The Minor Slope Rockfish complex north of 40°10' N latitude includes the following species: aurora rockfish (*S. aurora*); bank rockfish (*S. rufus*); blackgill rockfish (*S. melanostomus*); redbanded rockfish (*S. babcocki*); rougheye rockfish (*S. aleutianus*); sharpchin rockfish (*S. zacentrus*); shortraker rockfish (*S. borealis*); splitnose rockfish (*S. diploproa*); and yellowmouth rockfish (*S. reedi*).
- 13 - The Minor Nearshore Rockfish complex south of 40°10' N latitude, is further subdivided into the following management categories: 1) shallow nearshore rockfish [black and yellow rockfish (*S. chrysomelas*); China rockfish (*S. nebulosus*); gopher rockfish (*S. carnatus*); grass rockfish (*S. rastrelliger*), and kelp rockfish (*S. atrovirens*)]; and 2) deeper nearshore rockfish: [blue rockfish (*S. mystinus*); brown rockfish (*S. auriculatus*); calico rockfish (*S. dalli*); copper rockfish (*S. caurinus*); olive rockfish (*S. serranoides*); quillback rockfish (*S. maliger*); and treefish (*S. serriceps*)].
- 14 - The Minor Shelf Rockfish complex south of 40°10' N latitude includes the following species: bronzespotted rockfish (*S. gilli*); chameleon rockfish (*S. phillipsi*); dusky rockfish (*S. ciliatus*); dwarf-red rockfish (*S. rufianus*); flag rockfish (*S. rubrivinctus*); freckled rockfish (*S. lentiginosus*); greenblotched rockfish (*S. rosenblatti*); greenspotted rockfish (*S. chlorostictus*); greenstriped rockfish (*S. elongatus*); halfbanded rockfish (*S. semicinctus*); harlequin rockfish (*S. variegatus*); honeycomb rockfish (*S. umbrosus*); Mexican rockfish (*S. macdonaldi*); pink rockfish (*S. eos*); pinkrose rockfish (*S. simulator*); pygmy rockfish (*S. wilsoni*); redstripe rockfish (*S. proriger*); rosethorn rockfish (*S. helvomaculatus*); rosy rockfish (*S. rosaceus*); silvergray rockfish (*S. brevispinis*); speckled rockfish (*S. ovalis*); squarespot rockfish (*S. hopkinsi*); stary rockfish (*S. constellatus*); striptail rockfish (*S. saxicola*); swordspine rockfish (*S. ensifer*); tiger rockfish (*S. nigrocinctus*); vermilion rockfish (*S. miniatus*); and yellowtail rockfish (*S. flavidus*).
- 15 - The Minor Slope Rockfish complex south of 40°10' N latitude includes the following species: aurora rockfish (*S. aurora*); bank rockfish (*S. rufus*); blackgill rockfish (*S. melanostomus*); Pacific ocean perch (*S. alutus*); redbanded rockfish (*S. babcocki*); rougheye rockfish (*S. aleutianus*); sharpchin rockfish (*S. zacentrus*); shortraker rockfish (*S. borealis*); and yellowmouth rockfish (*S. reedi*).
- 16 - Some sector totals in these tables were updated and revised in December 2006 - January 2007 based on analysis of permit and vessel catch data for the TIQ allocation process, and receipt of revised recreational catch estimates for 2004. Sector totals for 2005 were also added at that time. Periodic updates and corrections in the PacFIN and RecFIN databases may result in further revisions of these data in the future.