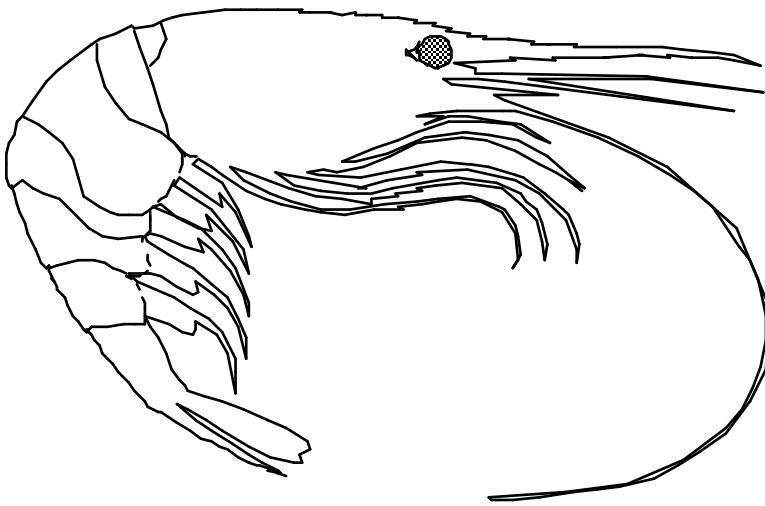


Pink Shrimp Project

DATA REPORT

Catch, fishing effort and age and sex composition of the catch, from PSMFC areas 82-88, by area, for the ocean shrimp (*Pandalus jordani*) trawl fishery, 1996-2012



Marine Resources Program
Oregon Department of Fish and Wildlife

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by

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July 2013

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Introduction

This report documents ODFW's estimates of catch-at-age for the Oregon ocean shrimp (*Pandalus jordani*) fishery, and supporting data, for the years 1996-2012. It extends the data series developed by Hannah et al. (1997) for the years 1980-95. The methods used here duplicate those of Hannah et al. (1997) for the earlier time period. The geographic scope of the estimates, Pacific States Marine Fisheries Commission statistical areas 82-88 (Figure 1), is also the same.

Hannah et al. (1997) presented two different time series of data, only one of which is extended here. One data series for the years 1980-92, estimated shrimp catch-at-age from areas 82-88 (Figure 1) for shrimp vessels landing product into any of the three states, California, Oregon or Washington. That time series was possible because from 1980-92, all three states had logbook programs that generated annual estimates of catch by statistical area for Oregon waters (Figure 1). Due to cutbacks starting in 1993 to the logbook programs in California and Washington, estimates of catch and effort by area for California- and Washington-landing vessels became unavailable (Hannah 1999). To account for this change, Hannah et al. (1997) also constructed an additional time series of catch, effort and catch at-age data that was based only on landings into Oregon ports (marked in data tables with "Oregon landings only"). Because catch and effort estimates from Oregon waters for California- and Washington-landing vessels remained unavailable for the years 1996-2012, the time series documented in this report represents just the "Oregon landings only" data series.

References

- Hannah, R.W., S. A. Jones and V. H. Krutzikowsky. 1997. Total catch, fishing effort and age and sex composition of the catch, by area for the ocean shrimp (*Pandalus jordani*) trawl fishery, 1980-95. Oregon Dept. of Fish and Wildlife. Data Series Report. 131 p.
- Hannah, R. W. 1999. A new method for indexing spawning stock and recruitment in ocean shrimp, *Pandalus jordani*, and preliminary evidence for a stock-recruitment relationship. Fish. Bull. 97:482-494.

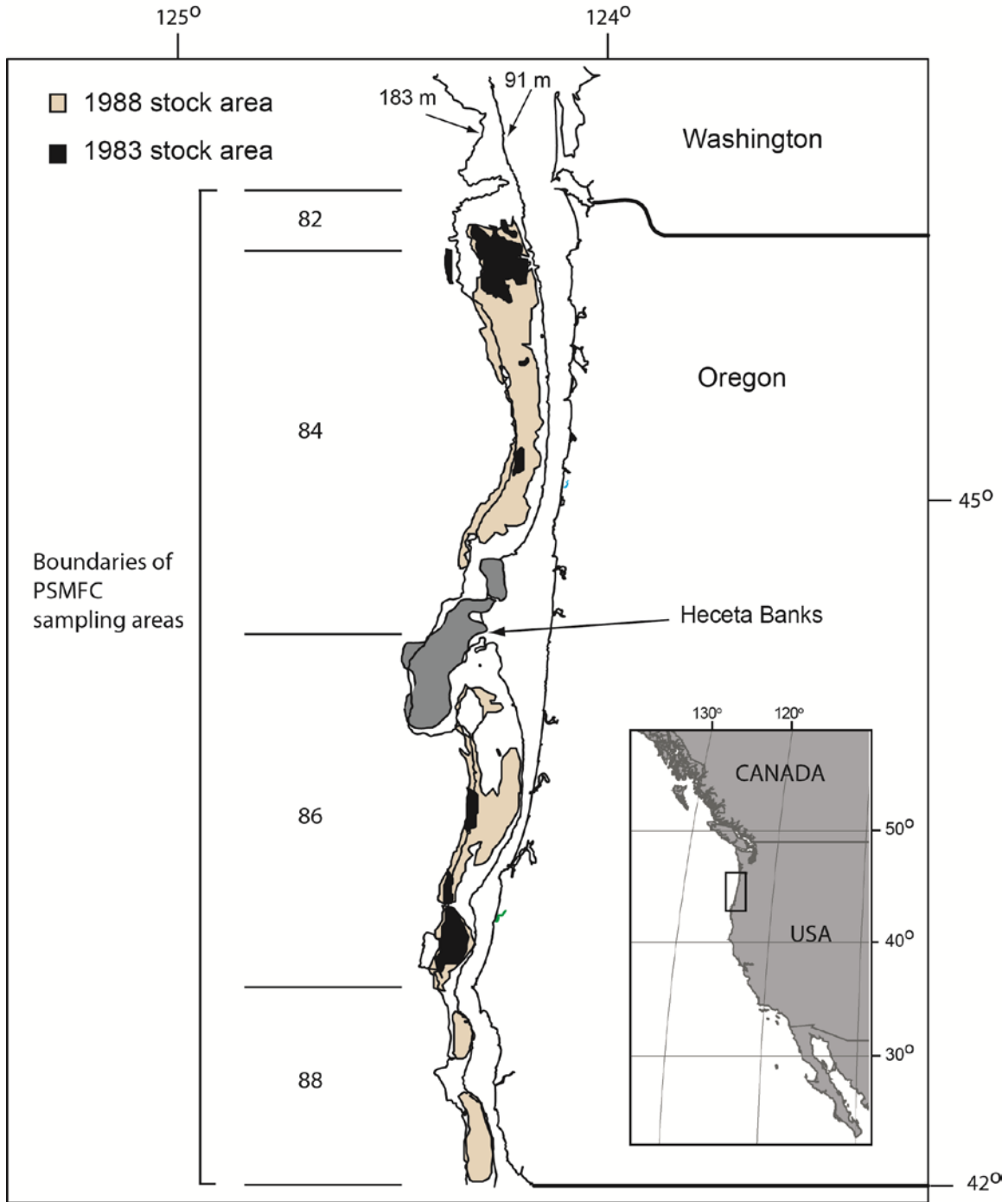


Figure 1. Map of the Oregon ocean shrimp grounds showing the spatial extent of the grounds in a year of high (1988) and low (1983) stock abundance and the Pacific States Marine Fisheries Commission (PSMFC) statistical areas 82-88.

Table 1. Catch (lb X 1,000) of ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
1996					
April	99.7	27.7	940.8	614.4	1,682.7
May	611.8	210.6	1,166.2	674.2	2,662.8
June	211.6	143.9	1,326.7	1,054.3	2,736.6
July	212.2	447.6	858.9	135.8	1,654.6
August	540.3	118.6	789.8	416.3	1,865.0
September	241.4	4.8	697.8	211.4	1,155.5
October	88.8	0.4	180.5	78.9	348.6
Total	2,005.9	953.6	5,960.8	3,185.4	12,105.7
1997					
April	384.3	104.5	682.6	638.9	1,810.3
May	422.0	82.4	3,987.0	835.6	5,327.1
June	619.7	248.1	949.7	920.0	2,737.5
July	387.5	155.3	364.4	171.1	1,078.3
August	48.0	54.0	605.8	643.4	1,351.2
September	298.5	23.9	1,563.7	668.8	2,554.9
October	49.2	56.8	534.9	47.6	688.5
Total	2,209.2	725.1	8,688.2	3,925.4	15,547.8
1998					
April	471.7	70.2	665.7	37.7	1,245.3
May	593.7	1,389.3	135.9	2.7	2,121.7
June	177.0	211.4	30.0	0.0	418.4
July	194.6	365.4	187.0	2.5	749.5
August	136.8	141.3	195.9	1.6	475.7
September	61.8	31.9	106.6	12.3	212.7
October	0.0	15.7	36.7	5.5	57.9
Total	1,635.8	2,225.2	1,357.7	62.4	5,281.1

Table 1 (continued). Catch (lb X 1,000) of ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
1999					
April	54.5	111.9	2,662.1	402.9	3,231.4
May	499.2	1,560.2	1,363.6	365.0	3,788.0
June	496.3	2,653.6	1,176.0	118.4	4,444.3
July	604.4	1,618.5	777.6	85.7	3,086.3
August	548.3	773.1	682.5	211.6	2,215.4
September	413.7	1,579.2	318.6	57.0	2,368.5
October	452.8	530.0	73.4	9.0	1,065.2
Total	3,069.2	8,826.5	7,053.8	1,249.7	20,199.1
2000					
April	3.3	70.3	0.0	0.0	73.7
May	227.6	290.2	80.1	455.9	1,053.8
June	439.5	2,207.3	1,279.2	272.3	4,198.3
July	1,926.4	3,095.2	1,309.4	9.2	6,340.2
August	452.2	2,817.9	2,088.3	304.4	5,662.7
September	106.3	3,731.5	881.0	17.1	4,735.9
October	310.8	1,123.1	42.9	0.0	1,476.8
Total	3,466.1	13,335.4	5,681.0	1,058.8	23,541.3
2001					
April	3,847.3	732.9	575.6	94.6	5,250.4
May	1,543.6	1,954.4	150.2	59.2	3,707.3
June	1,844.0	1,120.0	655.4	1.0	3,620.4
July	827.6	551.9	505.9	0.0	1,885.4
August	334.7	2,282.7	1,509.5	0.0	4,126.8
September	1,120.1	315.0	2,270.2	1.9	3,707.1
October	1,080.2	122.9	1,149.2	3.0	2,355.2
Total	10,597.4	7,079.8	6,815.9	159.6	24,652.8

Table 1 (continued). Catch (lb X 1,000) of ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2002					
April	187.8	848.2	1,275.1	65.0	2,376.1
May	295.9	3,543.0	1,702.4	58.2	5,599.5
June	1,726.7	3,206.3	776.0	0.0	5,709.0
July	2,598.0	3,646.6	243.8	0.0	6,488.4
August	2,781.0	3,430.7	26.0	0.0	6,237.7
September	1,258.5	3,869.7	93.9	0.2	5,222.2
October	1,117.3	1,463.6	395.0	0.0	2,975.9
Total	9,965.2	20,008.2	4,512.0	123.4	34,608.8
2003					
April	260.3	1,098.2	41.1	0.0	1,399.7
May	1,752.1	1,621.6	266.4	46.0	3,686.2
June	505.1	1,062.9	173.5	0.0	1,741.6
July	1,004.0	889.3	16.6	0.0	1,909.9
August	2,780.1	1,419.8	31.4	0.0	4,231.3
September	2,467.7	1,361.5	13.1	0.0	3,842.3
October	1,249.4	276.9	86.8	0.0	1,613.1
Total	10,018.7	7,730.3	629.0	46.0	18,424.0
2004					
April	885.6	2,441.9	21.6	0.8	3,349.9
May	1,401.0	1,811.4	16.5	0.0	3,229.0
June	357.7	1,462.8	51.9	0.0	1,872.4
July	101.2	1,106.3	102.8	0.0	1,310.3
August	168.1	607.4	104.7	0.0	880.3
September	134.5	138.1	365.7	0.0	638.2
October	89.7	101.8	53.0	3.4	247.9
Total	3,137.8	7,669.7	716.2	4.2	11,527.9

Table 1 (continued). Catch (lb X 1,000) of ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2005					
April	351.5	593.4	873.0	17.2	1,835.1
May	410.5	2,143.5	1,118.3	0.3	3,672.7
June	876.4	1,425.5	25.1	0.0	2,326.9
July	196.6	778.6	2.1	0.0	977.4
August	237.7	1,862.3	29.3	0.0	2,129.3
September	1,405.5	1,454.1	72.3	0.0	2,931.9
October	506.1	95.0	0.0	5.5	606.6
Total	3,984.3	8,352.4	2,120.1	23.0	14,479.8
2006					
April	899.1	342.7	486.9	0.0	1,728.7
May	590.5	1,286.1	446.9	0.0	2,323.5
June	522.3	840.1	430.0	25.1	1,817.5
July	8.6	291.5	874.4	41.9	1,216.4
August	8.4	291.4	1,340.7	116.2	1,756.7
September	39.1	364.6	673.8	26.7	1,104.3
October	10.6	329.0	136.8	2.2	478.6
Total	2,078.5	3,745.5	4,389.6	212.1	10,425.8
2007					
April	190.6	606.3	710.9	0.0	1,507.9
May	109.8	1,058.0	1,129.7	40.0	2,337.4
June	409.2	1,781.9	490.4	1,061.0	3,742.5
July	551.7	1,208.4	1,382.0	689.5	3,831.6
August	512.1	1,452.4	1,838.7	512.4	4,315.5
September	407.5	1,969.7	439.7	901.8	3,718.7
October	14.8	302.5	167.3	107.8	592.4
Total	2,195.7	8,379.1	6,158.7	3,312.5	20,046.0

Table 1 (continued). Catch (lb X 1,000) of ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2008					
April	107.8	695.3	715.8	31.9	1,550.9
May	355.7	3,181.9	1,577.4	460.8	5,575.7
June	366.2	949.8	2,019.6	116.4	3,451.9
July	588.9	310.8	1,594.4	1,093.4	3,587.5
August	434.3	293.8	1,499.1	440.6	2,667.7
September	52.6	866.4	722.8	48.9	1,690.7
October	720.9	332.3	207.7	98.1	1,359.0
Total	2,626.4	6,630.2	8,336.8	2,290.1	19,883.4
2009					
April	17.9	98.3	36.1	4.6	156.8
May	20.1	438.3	1,201.3	1,069.7	2,729.4
June	412.1	387.8	937.7	549.6	2,287.2
July	536.1	419.1	2,330.9	100.4	3,386.5
August	1,284.2	556.4	2,287.9	1,091.6	5,220.1
September	742.9	32.3	2,211.3	952.7	3,939.1
October	101.1	10.9	782.8	593.1	1,488.0
Total	3,114.3	1,943.0	9,787.9	4,361.8	19,207.0
2010					
April	251.8	432.2	2,072.1	0.4	2,756.4
May	620.5	794.1	1,862.4	2,112.5	5,389.5
June	587.5	621.2	3,634.3	19.6	4,862.6
July	797.4	308.6	2,254.4	102.0	3,462.3
August	196.4	1,031.2	2,591.1	855.1	4,673.8
September	922.1	526.7	2,041.6	1,235.2	4,725.6
October	282.1	19.4	1,518.4	272.7	2,092.6
Total	3,657.7	3,733.4	15,974.3	4,597.4	27,962.8

Table 1 (continued). Catch (lb X 1,000) of ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2011					
April	5.2	48.5	3,144.4	326.6	3,524.7
May	131.2	604.1	4,972.2	1,805.1	7,512.6
June	120.9	1,122.2	1,528.5	2,978.0	5,749.6
July	494.4	150.3	703.7	617.1	1,965.6
August	101.1	899.8	2,840.7	183.1	4,024.7
September	133.4	986.7	2,961.3	92.9	4,174.2
October	198.5	392.9	3,577.6	194.3	4,363.4
Total	1,184.7	4,204.5	19,728.5	6,197.1	31,314.8
2012					
April	165.7	131.4	2,759.4	362.8	3,419.3
May	1,007.6	1,160.6	4,491.2	1,106.3	7,765.8
June	434.7	1,555.1	3,185.7	2,588.0	7,763.6
July	364.6	941.7	3,146.5	2,623.0	7,075.8
August	1,424.0	434.1	2,322.7	1,259.2	5,440.0
September	485.4	711.5	1,491.5	1,725.8	4,414.3
October	9.1	114.1	410.3	1,639.8	2,173.2
Total	3,891.2	5,048.5	17,807.4	11,304.9	38,052.0

Table 2. Fishing effort (single-rig equivalent hours) for ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
1996					
April	700.8	293.1	3,955.1	1,792.2	6,741.2
May	3,907.1	1,503.1	4,709.9	944.9	11,065.0
June	1,730.4	1,137.4	5,623.7	3,326.8	11,818.3
July	1,551.4	2,578.8	5,091.1	888.4	10,109.7
August	3,407.1	788.6	4,522.9	1,851.9	10,570.5
September	1,585.6	110.4	4,662.0	1,072.6	7,430.6
October	588.0	57.3	1,456.0	387.0	2,488.3
Total	13,470.4	6,468.7	30,020.7	10,263.8	60,223.6
1997					
April	1,070.5	508.7	1,719.6	749.8	4,048.6
May	1,475.4	419.8	7,314.7	1,383.1	10,593.0
June	2,642.2	1,003.3	2,787.9	1,523.9	7,957.3
July	1,782.3	691.3	1,450.3	616.3	4,540.2
August	305.6	297.3	2,618.9	1,767.6	4,989.4
September	977.1	174.2	4,997.8	1,794.4	7,943.5
October	362.1	267.2	2,536.0	341.4	3,506.7
Total	8,615.2	3,361.8	23,425.2	8,176.5	43,578.7
1998					
April	1,968.1	567.2	3,276.1	197.0	6,008.3
May	3,588.4	5,799.5	1,588.5	153.0	11,129.4
June	1,943.8	1,745.4	268.5	5.5	3,963.1
July	1,787.3	2,318.7	1,342.1	13.3	5,461.3
August	1,262.2	1,346.5	1,763.6	7.0	4,379.3
September	785.0	403.1	939.3	54.3	2,181.8
October	0.0	122.4	293.2	47.9	463.5
Total	11,334.8	12,302.9	9,471.2	478.0	33,586.8

Table 2 (continued). Fishing effort (single-rig equivalent hours) for ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
1999					
April	232.9	509.1	5,881.1	1,095.5	7,718.6
May	1,291.1	3,308.3	4,178.9	939.0	9,717.4
June	1,916.5	8,760.8	5,145.8	392.5	16,215.6
July	2,831.3	7,157.8	3,490.0	423.7	13,902.8
August	2,613.1	4,239.6	3,115.3	772.2	10,740.2
September	2,051.4	5,382.6	1,713.3	428.0	9,575.3
October	2,248.4	2,450.0	552.0	117.3	5,367.8
Total	13,184.8	31,808.3	24,076.3	4,168.2	73,237.6
2000					
April	18.6	247.2	0.0	0.0	265.8
May	551.0	647.2	80.0	197.6	1,475.7
June	919.3	6,979.6	2,696.3	601.0	11,196.2
July	3,286.8	6,918.5	4,002.6	82.9	14,290.8
August	1,496.6	6,309.0	5,033.0	673.6	13,512.2
September	408.0	7,900.9	2,678.5	59.1	11,046.6
Total	7,403.1	31,635.3	14,641.9	1,614.2	55,294.4
2001					
April	3,691.1	930.0	658.9	458.5	5,738.5
May	2,688.5	2,728.3	159.6	206.3	5,782.7
June	4,750.6	2,872.3	1,193.1	9.6	8,825.6
July	2,125.4	1,491.1	1,387.5	9.3	5,013.3
August	854.0	4,258.5	2,828.9	3.0	7,944.4
September	2,588.3	846.4	3,667.8	40.7	7,143.2
October	2,473.3	536.5	3,111.7	37.2	6,158.7
Total	19,171.2	13,663.1	13,007.5	764.6	46,606.4

Table 2 (continued). Fishing effort (single-rig equivalent hours) for ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2002					
April	408.2	1,176.0	1,027.9	52.6	2,664.7
May	746.6	6,378.5	2,923.2	89.7	10,138.0
June	1,197.6	5,750.9	1,429.7	4.6	8,382.8
July	2,862.2	5,609.8	856.8	0.0	9,328.7
August	3,846.1	6,384.7	184.3	0.0	10,415.1
September	2,022.9	6,739.8	288.0	24.1	9,074.9
October	1,536.1	3,030.0	868.2	0.0	5,434.4
Total	12,619.7	35,069.7	7,578.1	171.1	55,438.5
2003					
April	297.6	1,521.9	28.5	0.0	1,848.0
May	1,799.8	2,962.1	422.5	169.8	5,354.2
June	679.1	1,883.4	411.3	0.0	2,973.8
July	1,349.5	1,511.6	62.8	0.0	2,923.9
August	3,564.2	2,191.0	76.6	0.0	5,831.9
September	4,485.5	2,634.9	41.5	0.0	7,161.9
October	2,112.4	519.5	316.0	0.0	2,947.9
Total	14,288.1	13,224.5	1,359.2	169.8	29,041.6
2004					
April	1,316.8	3,193.8	117.9	13.6	4,642.0
May	2,975.4	4,037.2	140.5	2.8	7,155.9
June	1,335.3	5,047.0	208.8	0.0	6,591.2
July	430.2	4,168.2	320.1	0.0	4,918.6
August	815.4	2,905.7	355.8	0.0	4,077.0
September	774.5	789.1	1,489.6	0.0	3,053.2
October	415.7	397.6	264.6	8.4	1,086.3
Total	8,063.3	20,538.6	2,897.3	24.8	31,524.1

Table 2 (continued). Fishing effort (single-rig equivalent hours) for ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2005					
April	760.1	1,336.1	1,185.3	26.2	3,307.6
May	532.6	4,838.0	1,338.8	52.8	6,762.3
June	1,332.6	3,675.2	157.4	0.0	5,165.3
July	356.3	1,477.3	5.4	0.0	1,839.0
August	508.1	3,505.4	120.9	0.0	4,134.5
September	1,793.7	2,358.4	205.3	0.0	4,357.4
October	1,031.1	207.5	8.8	33.0	1,280.4
Total	6,314.5	17,398.0	3,022.0	111.9	26,846.4
2006					
April	669.8	498.2	205.9	0.0	1,373.9
May	934.9	1,991.2	997.4	0.0	3,923.5
June	1,025.9	1,848.8	446.3	47.6	3,368.7
July	40.6	873.1	1,262.2	38.2	2,214.0
August	56.5	998.9	1,793.6	139.8	2,988.8
September	191.9	1,058.6	1,950.0	66.0	3,266.5
October	42.9	1,057.9	506.9	7.2	1,614.9
Total	2,962.4	8,326.8	7,162.4	298.7	18,750.3
2007					
April	599.0	1,510.3	946.8	0.0	3,056.1
May	448.5	3,282.1	1,988.2	86.7	5,805.5
June	669.8	3,864.2	906.0	591.9	6,031.8
July	1,075.5	2,136.3	1,256.5	551.7	5,020.0
August	929.4	2,655.8	2,546.4	452.7	6,584.2
September	740.2	3,714.9	677.3	1,049.0	6,181.4
October	46.6	554.7	264.2	176.1	1,041.5
Total	4,508.9	17,718.3	8,585.4	2,908.0	33,720.6

Table 2 (continued). Fishing effort (single-rig equivalent hours) for ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2008					
April	207.6	924.3	759.9	45.9	1,937.5
May	738.6	5,825.0	2,068.5	465.3	9,097.5
June	895.0	2,172.9	2,913.5	178.3	6,159.8
July	996.9	797.9	1,824.1	763.7	4,382.6
August	1,026.6	718.3	2,181.7	366.8	4,293.4
September	158.3	1,612.7	1,244.2	95.3	3,110.5
October	1,199.9	738.6	398.6	137.4	2,474.5
Total	5,223.0	12,789.7	11,390.4	2,052.7	31,455.8
2009					
April	40.5	162.2	26.7	11.0	240.5
May	77.8	848.4	1,106.2	250.5	2,282.9
June	620.5	986.4	842.2	156.8	2,606.0
July	832.3	647.6	1,262.1	27.1	2,769.2
August	1,599.3	1,060.9	1,197.4	442.2	4,299.7
September	752.8	94.9	1,446.9	388.6	2,683.2
October	149.3	39.9	656.4	289.9	1,135.6
Total	4,072.6	3,840.5	6,537.9	1,566.2	16,017.2
2010					
April	390.0	504.0	803.1	5.5	1,702.6
May	883.5	1,217.3	1,040.5	550.3	3,691.6
June	829.8	769.5	1,224.1	18.8	2,842.2
July	1,112.5	481.8	1,552.4	27.7	3,174.4
August	354.2	1,329.0	1,717.6	325.7	3,726.5
September	880.5	487.6	721.6	512.6	2,602.4
October	487.9	79.0	771.3	78.4	1,416.5
Total	4,938.5	4,868.2	7,830.6	1,518.9	19,156.2

Table 2 (continued). Fishing effort (single-rig equivalent hours) for ocean shrimp (Oregon landings only), by PSMFC statistical area (Figure 1), 1996-2012.

	Area 82	Area 84	Area 86	Area 88	Total
2011					
April	31.7	165.7	1,553.1	115.7	1,866.2
May	258.7	604.4	3,636.4	696.9	5,196.4
June	194.5	1,465.4	1,640.3	1,617.2	4,917.4
July	841.5	312.9	640.6	446.3	2,241.4
August	151.7	982.8	1,789.7	130.3	3,054.4
September	205.1	919.9	1,704.8	66.4	2,896.2
October	267.5	421.8	2,209.0	114.4	3,012.6
Total	1,950.6	4,872.9	13,173.9	3,187.2	23,184.7
2012					
April	231.3	255.6	2,019.1	273.3	2,779.3
May	1,139.2	1,413.0	3,898.8	623.8	7,074.8
June	591.6	1,969.9	2,870.0	1,433.0	6,864.5
July	714.0	1,116.0	2,697.9	1,038.6	5,566.5
August	1,888.4	853.9	1,782.1	535.7	5,060.1
September	800.4	1,184.1	1,396.7	835.6	4,216.7
October	25.3	250.2	369.7	736.5	1,381.8
Total	5,390.2	7,042.8	15,034.3	5,476.4	32,943.7

Table 3. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 1996.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	27.8	11.4	57.5	56.9
	% age 2	57.6	62.3	24.4	20.8
	% age 3+	14.6	26.4	18.0	22.3
	Count	113.9	92.7	105.4	110.2
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	54.7	16.3	78.1	96.9
	% age 2	41.8	52.9	11.6	1.8
	% age 3+	3.4	30.8	10.2	1.3
	Count	126.1	79.0	140.9	147.6
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	62.4	74.2	89.7	94.0
	% age 2	33.9	21.8	6.3	3.8
	% age 3+	3.7	4.0	4.0	2.2
	Count	128.4	141.2	131.0	132.1
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	90.4	91.1	94.2	91.2
	% age 2	8.4	6.9	4.0	5.2
	% age 3+	1.2	2.0	1.8	3.4
	Count	157.5	151.5	137.0	118.7
August					
	% age 0	0.0	0.0	0.0	0.3
	% age 1	82.6	78.2	86.9	97.6
	% age 2	15.5	16.3	6.2	1.8
	% age 3+	2.0	5.5	6.9	0.3
	Count	121.8	112.5	110.3	105.3
September					
	% age 0	0.0	0.0	0.0	5.0
	% age 1	71.2	80.9	90.7	90.4
	% age 2	27.2	16.6	5.9	4.6
	% age 3+	1.5	2.5	3.4	0.0
	Count	100.3	103.3	106.2	107.4
October					
	% age 0	0.1	0.4	0.6	45.7
	% age 1	84.6	85.7	86.7	47.5
	% age 2	14.6	11.7	8.8	5.1
	% age 3+	0.6	2.2	3.9	1.7
	Count	112.3	103.6	94.9	154.8

Table 4. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 1997.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	42.6	30.6	75.9	93.7
	% age 2	53.5	63.4	21.2	6.3
	% age 3+	3.9	6.1	2.9	0.0
	Count	133.0	106.5	131.2	156.8
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	46.9	36.1	92.5	98.3
	% age 2	51.8	62.3	7.1	1.7
	% age 3+	1.4	1.6	0.4	0.0
	Count	132.9	98.6	137.3	151.3
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	46.0	40.1	77.1	97.7
	% age 2	50.5	57.2	20.3	2.1
	% age 3+	3.5	2.8	2.5	0.3
	Count	118.1	94.1	118.6	134.6
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	67.5	44.0	87.7	97.3
	% age 2	30.3	52.0	11.9	2.7
	% age 3+	2.2	4.0	0.4	0.0
	Count	128.5	89.6	118.9	135.4
August					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	67.7	54.2	84.4	79.8
	% age 2	28.7	45.5	15.2	18.3
	% age 3+	3.6	0.3	0.4	1.8
	Count	108.0	93.4	104.7	84.1
September					
	% age 0	0.0	0.0	0.2	1.8
	% age 1	61.4	54.1	88.0	63.9
	% age 2	36.8	45.5	11.6	27.9
	% age 3+	1.8	0.4	0.6	12.6
	Count	104.3	87.3	102.5	79.5
October					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	80.4	54.0	83.9	98.2
	% age 2	19.1	45.5	15.1	1.8
	% age 3+	0.4	0.5	1.0	0.0
	Count	113.1	81.2	91.4	99.7

Table 5. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 1998.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	12.1	27.0	41.6	29.8
	% age 2	64.8	63.7	54.3	65.9
	% age 3+	23.2	9.3	4.1	4.4
	Count	103.3	112.3	124.1	106.0
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	39.0	30.1	62.8	52.5
	% age 2	46.7	47.0	36.9	45.2
	% age 3+	14.3	22.9	0.3	2.4
	Count	119.4	101.3	140.7	118.8
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	50.9	51.2	74.4	75.6
	% age 2	41.9	35.5	25.3	23.8
	% age 3+	7.2	13.3	0.4	0.7
	Count	108.5	109.3	145.4	133.1
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	57.7	68.9	85.9	72.7
	% age 2	38.2	27.8	13.6	26.8
	% age 3+	4.1	3.3	0.5	0.5
	Count	102.4	120.8	150.1	126.2
August	% age 0	0.0	0.0	0.0	0.0
	% age 1	71.2	70.6	67.9	55.1
	% age 2	26.6	26.2	30.9	44.3
	%t age 3+	2.2	3.3	1.2	0.6
	Count	106.2	105.3	111.9	97.8
September	% age 0	4.1	0.0	0.5	0.0
	% age 1	56.1	72.2	71.8	36.0
	% age 2	38.7	27.2	26.3	59.5
	% age 3+	1.1	0.6	1.4	4.5
	Count	92.1	115.8	103.6	78.6
October	% age 0	0.0	0.0	3.6	1.8
	% age 1	0.0	60.3	65.5	45.5
	% age 2	0.0	39.7	30.9	49.1
	% age 3+	0.0	0.0	0.0	3.6
	Count	0.0	87.7	94.1	76.4

Table 6. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 1999.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	85.0	85.2	83.7	93.6
	% age 2	10.2	11.0	13.6	4.1
	% age 3+	4.8	3.8	2.7	2.7
	Count	180.1	166.0	147.9	151.5
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	77.9	82.7	90.3	88.6
	% age 2	17.9	14.2	8.2	5.8
	% age 3+	4.3	3.1	1.5	5.5
	Count	140.3	137.5	141.2	131.1
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	91.5	95.5	96.3	96.9
	% age 2	7.5	3.4	3.4	2.8
	% age 3+	1.0	1.2	0.2	0.3
	Count	145.7	145.2	128.7	118.6
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	96.2	94.0	90.4	89.5
	% age 2	3.4	5.9	6.3	9.9
	% age 3+	0.4	0.8	3.3	0.5
	Count	151.9	132.8	103.6	99.4
August	% age 0	0.0	0.0	0.0	0.0
	% age 1	93.3	96.3	96.1	85.2
	% age 2	5.7	2.5	3.6	12.5
	% age 3+	1.0	1.1	0.3	5.0
	Count	127.9	121.7	102.8	88.6
September	% age 0	0.0	0.0	0.0	0.0
	% age 1	81.4	95.8	84.9	99.1
	% age 2	15.2	4.1	12.2	0.9
	% age 3+	3.4	0.2	2.9	0.9
	Count	101.0	110.9	93.4	101.2
October	% age 0	0.9	2.5	0.0	0.0
	% age 1	90.6	94.6	81.6	96.0
	% age 2	7.6	3.7	16.9	3.6
	% age 3+	0.9	0.0	1.5	0.4
	Count	111.5	109.2	82.4	80.7

Table 7. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2000.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	31.8	31.8	31.8	31.8
	% age 2	65.1	65.1	65.1	65.1
	% age 3+	3.1	3.1	3.1	3.1
	Count	118.6	118.6	118.6	118.6
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	75.2	75.2	75.2	75.2
	% age 2	23.3	23.3	23.3	23.3
	% age 3+	1.5	1.5	1.5	1.5
	Count	129.9	129.9	129.9	129.9
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	71.8	61.7	65.5	67.0
	% age 2	27.4	34.8	32.7	31.8
	% age 3+	0.8	3.5	1.8	1.2
	Count	137.0	117.7	110.9	99.5
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	86.3	72.1	84.9	90.1
	% age 2	13.4	26.7	14.5	8.1
	% age 3+	0.3	1.2	0.6	1.8
	Count	140.3	120.6	119.1	120.8
August	% age 0	0.0	0.0	0.0	0.0
	% age 1	79.5	75.9	88.3	54.5
	% age 2	20.4	23.6	11.5	44.5
	% age 3+	0.2	0.5	0.2	0.9
	Count	121.1	101.9	108.2	76.3
September	% age 0	0.0	0.0	0.0	0.0
	% age 1	76.2	77.8	69.3	69.3
	% age 2	23.8	21.9	29.8	29.8
	% age 3+	0.0	0.3	0.9	0.9
	Count	111.8	103.6	85.2	85.2
October	% age 0	0.0	0.4	0.4	0.4
	% age 1	82.6	69.0	69.3	69.3
	% age 2	17.2	30.2	29.8	29.8
	% age 3+	0.2	0.4	0.9	0.9
	Count	118.1	94.2	85.2	85.2

Table 8. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2001.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	38.1	42.3	46.4	47.8
	% age 2	54.5	49.9	45.3	39.8
	% age 3+	7.4	7.8	8.3	12.4
	Count	127.8	126.2	124.6	106.4
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	58.8	51.0	94.5	67.4
	% age 2	38.2	42.6	5.5	26.4
	% age 3+	3.0	6.3	0.0	6.2
	Count	138.8	115.3	181.7	114.8
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	59.5	48.3	76.6	87.0
	% age 2	37.1	47.0	22.3	13.0
	% age 3+	3.5	4.7	1.0	0.0
	Count	120.2	101.5	145.1	123.2
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	49.0	64.7	86.2	86.2
	% age 2	45.0	28.8	10.4	10.4
	% age 3+	6.0	6.5	3.3	3.3
	Count	103.6	106.4	124.0	124.0
August	% age 0	0.0	0.3	0.0	0.0
	% age 1	50.9	67.3	87.2	87.2
	% age 2	41.4	29.5	12.0	12.0
	% age 3+	7.8	3.1	0.8	0.8
	Count	95.2	104.1	96.8	96.8
September	% age 0	0.3	0.0	0.0	0.0
	% age 1	48.5	72.8	79.0	99.0
	% age 2	44.0	22.2	18.0	1.0
	% age 3+	7.1	4.9	3.0	0.0
	Count	97.1	99.4	70.8	120.5
October	% age 0	1.3	0.0	3.0	0.0
	% age 1	49.3	57.7	85.0	99.0
	% age 2	43.0	31.8	11.7	1.0
	% age 3+	6.3	10.5	0.3	0.0
	Count	93.9	81.9	100.7	131.0

Table 9. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2002.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	61.1	76.0	51.4	77.0
	% age 2	17.2	14.5	45.0	21.0
	% age 3+	21.7	9.4	3.6	2.0
	Count	140.6	141.2	115.4	147.2
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	83.4	80.4	86.0	88.9
	% age 2	10.1	16.6	12.7	10.4
	% age 3+	6.4	3.0	1.3	0.7
	Count	171.6	139.3	140.7	142.5
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	87.4	76.4	92.6	0.0
	% age 2	7.9	18.3	7.0	0.0
	% age 3+	4.7	5.3	0.3	0.0
	Count	147.7	125.5	152.8	0.0
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	95.3	87.2	75.8	0.0
	% age 2	3.2	11.1	24.2	0.0
	% age 3+	1.5	1.8	0.0	0.0
	Count	156.6	122.0	112.3	0.0
August	% age 0	0.0	0.0	0.0	0.0
	% age 1	85.1	87.8	62.3	0.0
	% age 2	10.1	9.3	32.7	0.0
	% age 3+	4.8	3.0	5.0	0.0
	Count	139.3	116.9	102.4	0.0
September	% age 0	0.0	0.5	0.0	2.0
	% age 1	73.0	74.9	78.2	93.0
	% age 2	17.0	14.2	16.8	4.0
	% age 3+	10.0	10.3	5.0	1.0
	Count	110.2	99.3	103.1	100.3
October	% age 0	9.2	1.4	3.7	0.0
	% age 1	76.6	89.4	71.7	0.0
	% age 2	10.0	6.5	24.7	0.0
	% age 3+	4.2	2.7	0.0	0.0
	Count	138.4	114.1	94.9	0.0

Table 10. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2003.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	39.6	36.5	36.5	36.5
	% age 2	52.9	57.9	57.9	57.9
	% age 3+	7.4	5.6	5.6	5.6
	Count	143.7	114.6	114.6	114.6
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	53.1	30.2	54.3	54.3
	% age 2	43.4	62.9	41.2	41.2
	% age 3+	3.6	6.9	4.5	4.5
	Count	152.5	97.9	148.9	148.9
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	70.1	72.9	69.1	0.0
	% age 2	28.6	24.8	30.6	0.0
	% age 3+	1.3	2.3	0.3	0.0
	Count	160.4	136.2	119.8	0.0
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	79.3	77.4	77.4	0.0
	% age 2	20.4	21.9	21.9	0.0
	% age 3+	0.3	0.7	0.7	0.0
	Count	177.1	133.8	133.8	0.0
August					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	75.4	77.9	77.9	0.0
	% age 2	22.5	20.6	20.6	0.0
	% age 3+	2.1	1.4	1.4	0.0
	Count	146.0	126.7	126.7	0.0
September					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	72.5	73.4	73.4	0.0
	% age 2	25.8	26.3	26.3	0.0
	% age 3+	1.7	0.3	0.3	0.0
	Count	138.5	111.8	111.8	0.0
October					
	% age 0	1.5	0.0	0.0	0.0
	% age 1	77.8	79.7	81.5	0.0
	% age 2	20.3	19.4	18.5	0.0
	% age 3+	0.4	0.2	0.0	0.0
	Count	145.0	122.1	99.2	0.0

Table 11. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2004.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	9.8	11.1	1.7	1.0
	% age 2	66.6	73.7	82.5	80.0
	% age 3+	23.6	15.3	15.8	19.0
	Count	126.9	106.7	98.6	94.0
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	18.4	16.7	40.9	0.0
	% age 2	66.7	72.1	53.9	0.0
	% age 3+	14.9	11.1	5.2	0.0
	Count	127.2	116.9	121.3	0.0
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	30.3	8.7	13.5	0.0
	% age 2	59.6	82.4	72.5	0.0
	% age 3+	10.1	8.9	14.0	0.0
	Count	119.9	101.4	86.6	0.0
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	48.5	29.8	24.5	0.0
	% age 2	50.5	66.5	75.2	0.0
	% age 3+	1.0	3.8	0.2	0.0
	Count	142.7	109.8	98.0	0.0
August	% age 0	0.0	0.0	0.5	0.0
	% age 1	57.6	30.0	18.0	0.0
	% age 2	41.6	68.5	80.5	0.0
	% age 3+	0.7	1.5	1.0	0.0
	Count	128.3	91.2	82.8	0.0
September	% age 0	0.0	0.0	0.3	0.0
	% age 1	39.2	58.7	57.9	0.0
	% age 2	60.8	40.3	41.4	0.0
	% age 3+	0.0	0.5	0.4	0.0
	Count	114.2	97.7	97.2	0.0
October	% age 0	0.0	0.1	2.0	25.0
	% age 1	50.2	67.7	45.5	27.0
	% age 2	49.3	32.2	51.5	48.0
	% age 3+	0.5	0.0	1.0	0.0
	Count	104.1	95.4	84.3	105.3

Table 12. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2005.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	63.6	37.5	74.0	74.0
	% age 2	12.9	33.2	16.4	16.4
	% age 3+	23.5	29.3	9.7	9.7
	Count	159.6	100.5	148.6	148.6
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	72.2	80.3	85.4	85.4
	% age 2	17.0	14.0	12.1	12.1
	% age 3+	10.8	5.7	2.4	2.4
	Count	160.3	144.2	164.9	164.9
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	87.4	85.0	63.8	0.0
	% age 2	5.4	11.7	25.5	0.0
	% age 3+	7.2	3.3	10.7	0.0
	Count	161.7	148.6	107.7	0.0
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	87.8	87.0	85.0	0.0
	% age 2	5.1	6.8	9.0	0.0
	% age 3+	7.1	6.2	6.0	0.0
	Count	161.1	137.4	119.4	0.0
August					
	% age 0	0.0	0.0	0.1	0.0
	% age 1	87.4	94.4	94.9	0.0
	% age 2	8.9	4.2	4.1	0.0
	% age 3+	3.6	1.3	0.9	0.0
	Count	146.2	136.8	126.3	0.0
September					
	% age 0	0.0	0.1	0.0	0.0
	% age 1	93.0	95.9	96.0	0.0
	% age 2	4.8	3.6	4.0	0.0
	% age 3+	2.1	0.4	0.0	0.0
	Count	130.9	141.8	130.6	0.0
October					
	% age 0	0.0	0.3	0.0	0.0
	% age 1	95.5	87.6	0.0	96.0
	% age 2	2.6	9.0	0.0	4.0
	% age 3+	2.0	3.1	0.0	0.0
	Count	149.4	109.6	0.0	130.6

Table 13. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2006.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April	% age 0	0.0	0.0	0.0	0.0
	% age 1	4.2	13.5	10.6	0.0
	% age 2	89.9	85.5	86.9	0.0
	% age 3+	6.0	1.0	2.6	0.0
	Count	134.8	122.0	115.3	0.0
May	% age 0	0.0	0.0	0.0	0.0
	% age 1	9.5	5.9	11.6	0.0
	% age 2	89.5	93.2	85.1	0.0
	% age 3+	1.0	0.9	3.3	0.0
	Count	117.1	111.3	105.9	0.0
June	% age 0	0.0	0.0	0.0	0.0
	% age 1	16.7	15.2	28.8	28.8
	% age 2	82.2	84.1	70.2	70.2
	% age 3+	1.1	0.6	1.0	1.0
	Count	116.7	112.7	102.5	102.5
July	% age 0	0.0	0.0	0.0	0.0
	% age 1	20.7	18.2	20.1	23.4
	% age 2	78.3	80.7	78.7	75.8
	% age 3+	1.0	1.1	1.3	0.8
	Count	104.5	98.3	93.7	96.4
August	% age 0	0.5	0.4	0.2	0.0
	% age 1	14.0	13.9	24.7	37.0
	% age 2	85.5	85.6	74.8	63.0
	% age 3+	0.0	0.1	0.3	0.0
	Count	98.3	95.5	90.6	94.5
September	% age 0	0.0	0.2	3.0	0.0
	% age 1	5.5	15.7	30.6	38.6
	% age 2	94.5	82.7	65.2	61.1
	% age 3+	0.0	1.4	1.2	0.3
	Count	101.3	90.5	86.9	88.8
October	% age 0	0.0	13.3	0.5	0.0
	% age 1	0.0	13.1	28.5	41.0
	% age 2	0.0	73.6	70.7	59.0
	% age 3+	0.0	0.0	0.2	0.0
	Count	0.0	99.2	81.5	85.1

Table 14. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2007.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	38.9	32.6	54.3	0.0
	% age 2	7.8	10.9	18.9	0.0
	% age 3+	53.3	56.5	26.9	0.0
	Count	119.6	96.7	129.7	0.0
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	55.6	69.4	77.0	73.9
	% age 2	11.2	8.8	6.8	9.2
	% age 3+	33.2	21.7	16.3	17.0
	Count	132.6	130.2	146.0	146.3
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	72.4	69.0	90.0	69.0
	% age 2	9.3	12.5	3.6	16.5
	% age 3+	18.3	18.5	6.5	14.5
	Count	139.9	124.9	156.8	116.6
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	79.3	94.7	96.5	88.7
	% age 2	7.4	2.2	2.0	5.3
	% age 3+	13.3	3.1	1.5	6.0
	Count	142.1	154.8	143.3	134.7
August					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	84.3	94.1	95.3	88.0
	% age 2	6.0	3.3	2.7	5.0
	% age 3+	9.7	2.6	2.0	7.0
	Count	135.3	138.2	130.3	118.2
September					
	% age 0	0.0	0.0	4.6	2.6
	% age 1	93.2	89.1	91.4	92.1
	% age 2	4.1	5.6	3.0	3.5
	% age 3+	2.7	5.3	1.0	1.9
	Count	149.0	135.2	126.1	125.2
October					
	% age 0	0.0	0.0	0.4	7.6
	% age 1	94.0	90.1	93.0	88.6
	% age 2	5.0	7.8	5.7	3.2
	% age 3+	1.0	2.1	0.9	0.5
	Count	135.2	127.7	118.8	131.2

Table 15. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2008.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	0.0	6.8	30.3	32.0
	% age 2	0.0	89.0	65.4	67.0
	% age 3+	0.0	4.2	4.3	1.0
	Count	0.0	128.1	126.5	124.6
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	20.6	13.4	36.1	38.8
	% age 2	71.4	83.6	61.8	55.9
	% age 3+	8.0	3.1	2.2	5.3
	Count	129.2	121.0	120.7	118.3
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	28.4	25.1	35.5	51.1
	% age 2	67.6	73.9	58.9	43.9
	% age 3+	4.0	1.0	5.5	5.0
	Count	125.1	118.9	106.5	106.6
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	31.2	22.3	65.9	76.1
	% age 2	66.5	77.2	31.7	22.7
	% age 3+	2.3	0.5	2.4	1.3
	Count	126.6	106.2	118.4	122.3
August					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	18.9	22.5	62.5	86.7
	% age 2	76.1	76.4	35.9	13.3
	% age 3+	5.0	1.2	1.6	0.0
	Count	112.8	95.5	112.0	114.0
September					
	% age 0	0.1	0.0	2.8	1.7
	% age 1	19.8	17.2	60.5	57.0
	% age 2	76.4	81.8	35.8	38.7
	% age 3+	3.8	1.0	0.8	2.7
	Count	104.1	90.2	103.5	95.2
October					
	% age 0	0.1	0.0	5.1	10.6
	% age 1	20.7	27.1	53.6	66.3
	% age 2	76.6	71.0	39.4	22.8
	% age 3+	2.6	1.9	1.9	0.3
	Count	95.3	97.1	99.3	115.7

Table 16. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2009.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	46.5	13.1	0.0	0.0
	% age 2	33.7	19.4	51.5	0.0
	% age 3+	19.8	67.5	48.5	0.0
	Count	146.4	90.2	82.5	0.0
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	0.0	43.6	68.0	84.1
	% age 2	0.0	12.9	23.7	10.4
	% age 3+	0.0	43.5	8.2	5.5
	Count	0.0	105.1	145.3	152.7
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	52.2	58.0	78.9	72.0
	% age 2	20.0	17.8	15.0	27.0
	% age 3+	27.7	24.3	6.1	1.0
	Count	122.5	112.4	156.2	127.5
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	67.4	63.9	91.4	0.0
	% age 2	12.9	7.8	7.3	0.0
	% age 3+	19.8	28.3	1.3	0.0
	Count	129.0	102.8	138.1	0.0
August					
	% age 0	0.0	0.0	0.1	0.0
	% age 1	83.4	51.5	82.8	0.0
	% age 2	6.7	20.2	14.2	0.0
	% age 3+	9.9	28.3	2.9	0.0
	Count	143.5	86.7	112.7	0.0
September					
	% age 0	0.0	0.0	0.1	0.0
	% age 1	68.7	32.5	76.7	86.5
	% age 2	17.2	20.5	17.0	11.0
	% age 3+	14.1	47.0	6.2	2.5
	Count	113.3	68.9	105.8	111.3
October					
	% age 0	0.0	0.0	1.3	19.4
	% age 1	87.0	25.7	84.9	74.8
	% age 2	10.0	25.9	11.3	3.9
	% age 3+	3.0	48.4	2.5	1.9
	Count	140.3	65.0	107.3	140.2

Table 17. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2010.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	12.5	36.9	25.8	0.0
	% age 2	74.8	52.3	69.3	0.0
	% age 3+	12.7	10.8	4.9	0.0
	Count	128.3	126.9	123.9	0.0
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	20.2	33.1	48.4	36.8
	% age 2	70.2	59.9	45.3	58.3
	% age 3+	9.6	7.0	6.3	4.9
	Count	120.1	125.4	130.6	116.8
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	35.0	60.2	45.2	0.0
	% age 2	60.5	35.8	49.8	0.0
	% age 3+	4.5	4.0	5.0	0.0
	Count	120.1	126.4	117.3	0.0
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	65.0	61.9	67.9	0.0
	% age 2	31.6	36.6	30.6	0.0
	% age 3+	3.4	1.5	1.5	0.0
	Count	139.9	127.1	120.1	0.0
August					
	% age 0	0.0	0.0	0.1	0.0
	% age 1	76.6	58.0	85.1	80.0
	% age 2	21.9	40.4	13.4	19.4
	% age 3+	1.5	1.6	1.4	0.6
	Count	135.0	122.9	124.6	110.8
September					
	% age 0	0.0	0.0	0.0	0.5
	% age 1	61.1	0.0	84.6	78.8
	% age 2	37.6	0.0	13.5	20.0
	% age 3+	1.2	0.0	2.0	0.7
	Count	125.3	0.0	113.1	102.1
October					
	% age 0	0.0	0.0	0.0	4.7
	% age 1	83.2	0.0	89.1	77.8
	% age 2	16.3	0.0	10.2	17.4
	% age 3+	0.5	0.0	0.7	0.0
	Count	142.8	0.0	112.7	104.7

Table 18. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2011.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	0.0	3.0	8.6	0.7
	% age 2	0.0	62.1	75.1	87.0
	% age 3+	0.0	34.9	16.3	12.4
	Count	0.0	99.6	120.4	112.0
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	0.0	23.6	13.1	14.4
	% age 2	0.0	67.1	70.2	77.0
	% age 3+	0.0	9.4	16.7	8.6
	Count	0.0	125.5	115.1	120.6
June					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	0.0	17.3	27.3	25.1
	% age 2	0.0	79.3	67.1	65.1
	% age 3+	0.0	3.4	5.5	9.8
	Count	0.0	92.4	120.1	114.5
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	29.0	62.5	46.7	50.8
	% age 2	56.8	36.0	43.7	46.1
	% age 3+	14.2	1.5	9.6	3.0
	Count	106.1	131.5	133.9	122.5
August					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	50.3	42.0	51.8	47.5
	% age 2	45.6	57.6	44.7	50.1
	% age 3+	4.2	0.4	3.5	2.4
	Count	120.8	104.6	113.6	119.0
September					
	% age 0	1.0	0.3	0.1	0.0
	% age 1	22.2	57.0	72.6	60.0
	% age 2	76.1	40.5	24.8	34.0
	% age 3+	0.7	2.3	2.5	6.0
	Count	96.0	116.5	121.0	117.7
October					
	% age 0	0.2	0.0	0.6	0.0
	% age 1	74.8	53.5	73.5	55.9
	% age 2	24.0	46.1	24.8	44.1
	% age 3+	0.9	0.4	1.1	0.0
	Count	124.2	99.3	116.2	109.6

Table 19. Age composition and count-per-pound (count) of the ocean shrimp catch (Oregon landings only), by PSMFC statistical area (Figure 1), for 2012.

Month	Statistic	Area 82	Area 84	Area 86	Area 88
April					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	3.2	1.0	10.8	11.0
	% age 2	73.0	50.7	74.2	82.0
	% age 3+	23.8	48.3	14.9	7.0
	Count	125.0	95.5	136.3	155.2
May					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	12.0	11.2	12.8	5.5
	% age 2	77.0	63.3	69.2	76.5
	% age 3+	11.0	25.5	18.0	18.0
	Count	129.8	103.9	127.5	136.6
June					
	% age 0	0.0	0.0	0.1	0.0
	% age 1	20.3	49.2	15.6	9.6
	% age 2	75.3	36.6	72.1	77.4
	% age 3+	4.5	14.3	12.2	13.0
	Count	117.0	113.4	119.4	120.2
July					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	47.8	59.7	30.7	33.1
	% age 2	46.5	34.3	60.6	60.5
	% age 3+	5.7	6.0	8.7	6.4
	Count	125.0	123.0	117.2	115.6
August					
	% age 0	0.0	0.0	0.0	0.0
	% age 1	58.1	47.7	39.6	27.4
	% age 2	39.5	36.2	52.2	64.3
	% age 3+	2.4	16.1	8.2	8.3
	Count	130.6	93.4	116.5	98.4
September					
	% age 0	0.0	0.0	0.0	0.1
	% age 1	60.0	67.1	43.3	50.1
	% age 2	37.7	23.1	50.5	45.6
	% age 3+	2.3	9.8	6.3	4.2
	Count	129.1	112.2	110.6	124.4
October					
	% age 0	0.0	0.1	1.0	0.9
	% age 1	49.0	74.0	36.0	39.9
	% age 2	48.0	25.4	61.0	58.9
	% age 3+	3.0	0.5	2.0	0.4
	Count	117.5	119.8	108.6	121.1

Table 20. Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
1996	April	% Male	35.1%	40.8%	--	56.4%	81.1%	85.4%	59.9%
		% Transitional	38.7%	23.8%	--	21.9%	0.0%	0.0%	0.0%
		% Female	26.2%	35.4%	--	21.7%	18.9%	14.6%	40.1%
		% Primary female	0.0%	0.0%	--	0.0%	0.0%	0.0%	0.0%
	September	% Male	41.0%	--	--	51.8%	52.4%	49.8%	--
		% Transitional	1.4%	--	--	9.2%	14.2%	12.8%	--
		% Female	57.6%	--	--	39.0%	33.4%	37.4%	--
		% Primary female	41.3%	--	--	34.3%	36.9%	51.0%	--
	October	% Male	58.4%	--	--	61.0%	48.6%	67.3%	--
		% Transitional	8.4%	--	--	1.6%	9.0%	5.3%	--
		% Female	33.2%	--	--	37.4%	42.3%	27.4%	--
		% Primary female	21.9%	--	--	33.5%	64.6%	66.5%	--
1997	April	% Male	51.1%	34.3%	67.1%	74.5%	88.9%	90.1%	--
		% Transitional	24.1%	24.2%	15.2%	10.5%	4.4%	7.2%	--
		% Female	24.9%	41.5%	17.7%	15.0%	6.7%	2.7%	--
		% Primary female	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	--
	September	% Male	53.2%	--	--	44.8%	49.5%	34.3%	20.7%
		% Transitional	1.7%	--	--	15.8%	23.4%	12.1%	12.6%
		% Female	45.1%	--	--	39.5%	27.1%	53.5%	66.7%
		% Primary female	11.6%	--	--	31.6%	24.2%	50.0%	34.8%
	October	% Male	71.8%	43.0%	--	48.4%	42.1%	43.2%	--
		% Transitional	0.2%	3.5%	--	4.1%	8.3%	12.6%	--
		% Female	28.0%	53.5%	--	47.6%	49.6%	44.1%	--
		% Primary female	9.3%	14.7%	--	26.0%	23.6%	23.6%	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
1998	April	% Male	28.8%	--	57.8%	79.5%	70.9%	--	--
		% Transitional	29.3%	--	10.9%	3.2%	3.1%	--	--
		% Female	41.9%	--	31.3%	17.3%	26.0%	--	--
		% Primary female	0.0%	--	0.0%	0.0%	0.0%	--	--
	September	% Male	48.3%	50.8%	54.1%	46.3%	--	--	32.4%
		% Transitional	5.1%	12.0%	10.0%	26.5%	--	--	21.6%
		% Female	46.6%	37.2%	35.9%	27.1%	--	--	45.9%
		% Primary female	14.0%	10.2%	16.7%	8.2%	--	--	0.0%
	October	% Male	--	--	54.0%	--	56.4%	--	35.7%
		% Transitional	--	--	3.2%	--	21.8%	--	17.9%
		% Female	--	--	42.9%	--	21.8%	--	46.4%
		% Primary female	--	--	9.2%	--	2.8%	--	5.9%
1999	April	% Male	81.6%	87.9%	85.4%	90.0%	88.2%	91.8%	90.4%
		% Transitional	5.8%	5.6%	13.1%	5.2%	6.9%	7.3%	5.7%
		% Female	12.5%	6.6%	1.5%	4.9%	4.8%	0.9%	3.9%
		% Primary female	2.2%	0.4%	0.0%	0.0%	0.3%	0.0%	0.0%
	September	% Male	36.2%	44.7%	54.0%	--	43.4%	--	--
		% Transitional	1.0%	4.0%	10.7%	--	2.0%	--	--
		% Female	62.8%	51.3%	35.3%	--	54.5%	--	--
		% Primary female	54.3%	47.3%	33.6%	--	51.1%	--	--
	October	% Male	46.2%	49.0%	49.9%	--	--	--	--
		% Transitional	0.6%	0.0%	6.0%	--	--	--	--
		% Female	53.2%	51.0%	44.2%	--	--	--	--
		% Primary female	49.3%	49.0%	43.3%	--	--	--	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2000	April	% Male	--	34.9%	22.0%	--	--	--	--
		% Transitional	--	33.4%	65.0%	--	--	--	--
		% Female	--	31.7%	13.0%	--	--	--	--
		% Primary female	--	0.6%	0.0%	--	--	--	--
	September	% Male	50.3%	52.6%	63.8%	47.6%	60.9%	--	--
		% Transitional	13.2%	7.0%	11.5%	22.0%	22.7%	--	--
		% Female	36.5%	40.4%	24.7%	30.5%	16.4%	--	--
		% Primary female	23.3%	23.3%	7.6%	2.7%	0.0%	--	--
	October	% Male	61.4%	49.5%	49.8%	--	--	--	--
		% Transitional	0.5%	5.9%	6.7%	--	--	--	--
		% Female	38.1%	44.6%	43.5%	--	--	--	--
		% Primary female	25.0%	24.2%	23.2%	--	--	--	--
2001	April	% Male	51.3%	--	--	50.9%	60.6%	67.0%	61.9%
		% Transitional	15.4%	--	--	21.2%	26.9%	11.0%	7.1%
		% Female	33.3%	--	--	27.8%	12.5%	22.0%	31.0%
		% Primary female	0.0%	--	--	0.0%	0.0%	0.0%	0.0%
	September	% Male	51.3%	65.0%	45.6%	49.0%	--	--	--
		% Transitional	0.8%	5.0%	9.1%	12.0%	--	--	--
		% Female	47.8%	30.0%	45.3%	39.0%	--	--	--
		% Primary female	3.1%	8.5%	28.9%	22.8%	--	--	--
	October	% Male	49.2%	44.1%	--	38.3%	--	--	--
		% Transitional	0.0%	4.9%	--	33.3%	--	--	--
		% Female	50.8%	51.0%	--	28.3%	--	--	--
		% Primary female	6.1%	22.7%	--	23.1%	--	--	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2002	April	% Male	62.6%	81.1%	78.1%	47.5%	54.8%	--	70.0%
		% Transitional	14.6%	8.0%	10.7%	19.8%	20.4%	--	13.0%
		% Female	22.7%	10.9%	11.2%	32.7%	24.8%	--	17.0%
		% Primary female	0.0%	0.0%	0.0%	1.0%	0.3%	--	5.2%
	September	% Male	41.0%	52.6%	45.4%	52.5%	--	--	--
		% Transitional	31.0%	7.8%	18.5%	22.8%	--	--	--
		% Female	28.0%	39.6%	36.1%	24.8%	--	--	--
		% Primary female	8.2%	21.8%	19.4%	3.8%	--	--	--
	October	% Male	54.5%	71.6%	60.6%	40.0%	--	--	--
		% Transitional	3.7%	6.5%	6.9%	13.7%	--	--	--
		% Female	41.8%	21.9%	32.6%	46.3%	--	--	--
		% Primary female	36.0%	15.2%	25.6%	33.5%	--	--	--
2003	April	% Male	46.9%	45.0%	51.5%	--	--	--	--
		% Transitional	20.5%	25.1%	7.4%	--	--	--	--
		% Female	32.6%	29.9%	41.1%	--	--	--	--
		% Primary female	0.0%	0.0%	0.0%	--	--	--	--
	September	% Male	57.6%	48.3%	--	--	--	--	--
		% Transitional	5.5%	6.0%	--	--	--	--	--
		% Female	36.9%	45.8%	--	--	--	--	--
		% Primary female	13.8%	27.9%	--	--	--	--	--
	October	% Male	58.4%	--	--	43.8%	--	--	--
		% Transitional	2.6%	--	--	16.0%	--	--	--
		% Female	39.0%	--	--	40.3%	--	--	--
		% Primary female	23.6%	--	--	27.6%	--	--	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2004	April	% Male	29.4%	41.3%	37.9%	40.0%	43.0%	--	--
		% Transitional	16.6%	23.6%	24.7%	5.0%	6.0%	--	--
		% Female	54.0%	35.1%	37.4%	55.0%	51.0%	--	--
		% Primary female	2.6%	6.1%	0.8%	0.0%	0.0%	--	--
	September	% Male	33.0%	50.2%	--	51.9%	--	--	--
		% Transitional	11.3%	7.0%	--	7.0%	--	--	--
		% Female	55.7%	42.8%	--	41.1%	--	--	--
		% Primary female	10.5%	9.2%	--	4.9%	--	--	--
	October	% Male	36.6%	65.8%	59.3%	44.4%	--	50.0%	--
		% Transitional	15.4%	4.0%	2.2%	9.1%	--	7.0%	--
		% Female	48.0%	30.2%	38.6%	46.5%	--	43.0%	--
		% Primary female	2.6%	5.2%	4.5%	8.5%	--	0.0%	--
2005	April	% Male	43.3%	76.0%	42.1%	--	77.1%	--	--
		% Transitional	30.4%	16.0%	28.0%	--	10.0%	--	--
		% Female	26.3%	8.0%	29.9%	--	12.9%	--	--
		% Primary female	3.1%	0.0%	0.5%	--	0.0%	--	--
	September	% Male	44.4%	58.7%	61.9%	65.0%	--	--	--
		% Transitional	5.4%	8.3%	3.7%	4.0%	--	--	--
		% Female	50.1%	33.0%	34.4%	31.0%	--	--	--
		% Primary female	46.7%	29.2%	32.6%	28.1%	--	--	--
	October	% Male	42.8%	53.5%	56.5%	--	--	--	--
		% Transitional	6.9%	1.2%	2.5%	--	--	--	--
		% Female	50.3%	45.4%	41.0%	--	--	--	--
		% Primary female	48.0%	34.6%	36.9%	--	--	--	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2006	April	% Male	43.7%	73.0%	67.1%	55.0%	--	--	--
		% Transitional	2.0%	1.0%	5.3%	4.4%	--	--	--
		% Female	54.3%	26.0%	27.6%	40.6%	--	--	--
		% Primary female	4.8%	0.0%	0.0%	0.0%	--	--	--
	September	% Male	26.1%	55.8%	62.8%	52.0%	49.5%	--	--
		% Transitional	0.5%	2.0%	2.3%	3.7%	12.2%	--	--
		% Female	73.4%	42.2%	35.0%	44.3%	38.3%	--	--
		% Primary female	0.0%	0.0%	0.0%	0.0%	0.0%	--	--
	October	% Male	--	63.8%	63.5%	48.1%	48.0%	--	--
		% Transitional	--	1.2%	1.5%	0.7%	0.0%	--	--
		% Female	--	35.0%	35.0%	51.2%	52.0%	--	--
		% Primary female	--	0.0%	0.0%	0.0%	0.0%	--	--
2007	April	% Male	61.1%	47.3%	32.9%	57.2%	60.5%	--	--
		% Transitional	3.1%	27.5%	32.6%	24.8%	17.8%	--	--
		% Female	35.8%	25.2%	34.5%	18.0%	21.8%	--	--
		% Primary female	0.0%	0.2%	0.0%	0.0%	0.0%	--	--
	September	% Male	66.3%	56.8%	72.7%	24.0%	59.0%	56.1%	--
		% Transitional	5.1%	8.0%	6.4%	29.0%	6.0%	15.1%	--
		% Female	28.7%	35.2%	20.9%	47.0%	35.0%	28.8%	--
		% Primary female	23.4%	15.5%	18.9%	44.2%	36.4%	25.6%	--
	October	% Male	29.4%	71.5%	75.6%	--	69.2%	65.9%	--
		% Transitional	1.5%	4.1%	3.5%	--	2.2%	6.5%	--
		% Female	69.2%	24.4%	20.9%	--	28.6%	27.6%	--
		% Primary female	67.2%	13.7%	14.4%	--	23.7%	26.8%	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2008	April	% Male	--	54.6%	45.2%	44.4%	47.0%	--	65.0%
		% Transitional	--	3.2%	13.2%	26.1%	13.0%	--	31.0%
		% Female	--	42.1%	41.6%	29.5%	40.0%	--	4.0%
		% Primary female	--	0.0%	0.0%	0.0%	0.0%	--	0.0%
	September	% Male	--	44.2%	40.7%	49.0%	45.3%	--	--
		% Transitional	--	1.9%	6.2%	11.4%	7.3%	--	--
		% Female	--	53.8%	53.1%	39.6%	47.3%	--	--
		% Primary female	--	0.0%	1.0%	12.5%	11.1%	--	--
	October	% Male	34.8%	58.7%	55.6%	47.5%	48.9%	60.4%	--
		% Transitional	2.8%	6.3%	3.0%	6.9%	9.4%	9.9%	--
		% Female	62.5%	35.0%	41.3%	45.5%	41.7%	29.7%	--
		% Primary female	0.6%	0.0%	0.0%	12.5%	8.5%	12.9%	--
2009	April	% Male	71.3%	54.5%	45.5%	0.0%	--	--	--
		% Transitional	8.9%	3.0%	16.8%	29.7%	--	--	--
		% Female	19.8%	42.6%	37.7%	70.3%	--	--	--
		% Primary female	0.0%	0.0%	0.0%	0.0%	--	--	--
	September	% Male	40.0%	--	32.3%	40.5%	64.5%	53.0%	--
		% Transitional	3.3%	--	8.3%	7.3%	6.3%	15.0%	--
		% Female	56.7%	--	59.5%	52.2%	29.2%	32.0%	--
		% Primary female	36.9%	--	5.4%	22.6%	23.4%	28.3%	--
	October	% Male	72.0%	--	25.9%	48.1%	59.1%	67.4%	--
		% Transitional	3.0%	--	4.0%	5.7%	4.2%	1.0%	--
		% Female	25.0%	--	70.1%	46.3%	36.7%	31.6%	--
		% Primary female	13.8%	--	11.7%	34.8%	30.0%	34.5%	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2010	April	% Male	57.9%	63.0%	--	--	--	--	--
		% Transitional	2.2%	7.5%	--	--	--	--	--
		% Female	39.9%	29.5%	--	--	--	--	--
		% Primary female	4.0%	1.4%	--	--	--	--	--
	September	% Male	47.9%	--	--	--	62.0%	63.6%	--
		% Transitional	1.8%	--	--	--	14.1%	12.2%	--
		% Female	50.3%	--	--	--	23.9%	24.2%	--
		% Primary female	19.9%	--	--	--	12.1%	8.5%	--
	October	% Male	69.8%	--	42.0%	34.6%	72.1%	55.3%	--
		% Transitional	0.5%	--	5.0%	1.1%	8.8%	10.2%	--
		% Female	29.7%	--	53.0%	64.4%	19.1%	34.5%	--
		% Primary female	16.1%	--	16.3%	4.5%	10.1%	22.7%	--
2011	April	% Male	55.9%	48.7%	--	68.5%	55.7%	43.1%	--
		% Transitional	1.7%	2.8%	--	10.0%	6.0%	24.1%	--
		% Female	42.4%	48.5%	--	21.5%	38.3%	32.8%	--
		% Primary female	1.2%	0.0%	--	0.0%	0.0%	0.0%	--
	September	% Male	--	51.8%	--	52.4%	64.1%	58.0%	--
		% Transitional	--	3.0%	--	13.5%	12.6%	13.0%	--
		% Female	--	45.2%	--	34.1%	23.3%	29.0%	--
		% Primary female	--	7.9%	--	11.3%	5.9%	5.0%	--
	October	% Male	49.5%	40.5%	--	59.1%	66.6%	60.6%	--
		% Transitional	1.0%	5.7%	--	5.4%	12.7%	20.7%	--
		% Female	49.5%	53.7%	--	35.5%	20.7%	18.8%	--
		% Primary female	23.3%	18.4%	--	13.2%	6.9%	3.8%	--

Table 20 (cont.). Sex composition of the ocean shrimp catch (Oregon landings only), by Oregon statistical area (Figure 1), 1996-2012.

Year	Month		Area 28	Area 26	Area 24	Area 22	Area 21	Area 20	Area 19
2012	April	% Male	53.7%	35.1%	--	62.8%	64.6%	77.0%	--
		% Transitional	2.5%	13.2%	--	6.6%	11.8%	10.7%	--
		% Female	43.8%	51.7%	--	30.5%	23.6%	12.3%	--
		% Primary female	0.0%	0.0%	--	0.0%	0.0%	0.0%	--
	September	% Male	57.2%	60.8%	--	53.5%	--	57.5%	58.7%
		% Transitional	4.3%	3.2%	--	3.0%	--	6.5%	10.3%
		% Female	38.5%	35.9%	--	43.5%	--	36.0%	31.0%
		% Primary female	4.7%	7.2%	--	0.6%	--	0.0%	0.0%
	October	% Male	54.0%	66.4%	--	--	33.0%	--	49.5%
		% Transitional	1.0%	3.4%	--	--	9.0%	--	12.6%
		% Female	45.0%	30.2%	--	--	58.0%	--	37.9%
		% Primary female	6.1%	6.7%	--	--	8.1%	--	0.7%

Table 21. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 1996.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	3,157	293	57,012	38,501	98,963
	Age 2	6,542	1,600	24,236	14,116	46,494
	Age 3+	1,658	678	17,891	15,097	35,324
	Total	11,358	2,570	99,139	67,714	180,782
May	Age 0	0	0	0	0	0
	Age 1	42,203	2,712	128,333	96,428	269,676
	Age 2	32,250	8,800	19,119	1,791	61,961
	Age 3+	2,623	5,124	16,811	1,294	25,851
	Total	77,077	16,635	164,263	99,513	357,488
June	Age 0	0	0	0	0	0
	Age 1	16,956	15,076	156,044	130,868	318,944
	Age 2	9,212	4,429	10,910	5,336	29,888
	Age 3+	1,005	813	6,939	3,057	11,814
	Total	27,174	20,319	173,893	139,260	360,646
July	Age 0	0	0	0	0	0
	Age 1	30,219	61,775	110,853	14,699	217,546
	Age 2	2,808	4,679	4,709	839	13,035
	Age 3+	401	1,356	2,076	545	4,379
	Total	33,428	67,810	117,638	16,083	234,960
August	Age 0	0	0	0	132	132
	Age 1	54,355	10,434	75,666	42,785	183,240
	Age 2	10,200	2,175	5,405	789	18,569
	Age 3+	1,316	734	6,048	132	8,229
	Total	65,871	13,343	87,119	43,837	210,170
September	Age 0	0	0	0	1,135	1,135
	Age 1	17,243	405	67,202	20,529	105,378
	Age 2	6,587	83	4,398	1,045	12,113
	Age 3+	363	12	2,529	0	2,904
	Total	24,193	500	74,128	22,709	121,531

October	Age 0	10	0	103	5,578	5,691
	Age 1	8,432	38	14,851	5,798	29,119
	Age 2	1,455	5	1,512	623	3,595
	Age 3+	60	1	662	208	931
	Total	9,957	44	17,128	12,207	39,336

Table 22. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 1997.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	21,773	3,404	67,954	93,866	186,996
	Age 2	27,344	7,052	18,962	6,311	59,669
	Age 3+	1,993	674	2,622	0	5,289
	Total	51,110	11,129	89,538	100,177	251,954
May	Age 0	0	0	0	0	0
	Age 1	26,302	2,934	506,191	124,283	659,709
	Age 2	29,050	5,063	38,773	2,149	75,035
	Age 3+	785	130	2,426	0	3,342
	Total	56,136	8,127	547,390	126,432	738,086
June	Age 0	0	0	0	0	0
	Age 1	33,668	9,362	86,842	120,980	250,851
	Age 2	36,961	13,355	22,865	2,600	75,781
	Age 3+	2,562	654	2,816	371	6,403
	Total	73,191	23,371	112,523	123,951	333,036
July	Age 0	0	0	0	0	0
	Age 1	33,607	6,124	38,008	22,541	100,280
	Age 2	15,086	7,238	5,160	625	28,109
	Age 3+	1,095	557	173	0	1,825
	Total	49,788	13,919	43,342	23,166	130,215
August	Age 0	0	0	0	0	0
	Age 1	3,507	2,732	53,535	43,182	102,956
	Age 2	1,487	2,294	9,641	9,903	23,325
	Age 3+	186	15	254	974	1,429
	Total	5,181	5,041	63,430	54,059	127,710
September	Age 0	0	0	321	957	1,277
	Age 1	19,117	1,131	140,971	33,993	195,211
	Age 2	11,458	951	18,511	14,831	45,750
	Age 3+	560	8	962	6,698	8,228
	Total	31,135	2,090	160,763	56,478	250,466

October	Age 0	0	0	0	0	0
	Age 1	4,477	2,490	41,035	4,660	52,662
	Age 2	1,063	2,098	7,364	85	10,611
	Age 3+	22	23	506	0	551
	Total	5,562	4,612	48,905	4,745	63,824

Table 23. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 1998.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	5,897	2,129	34,395	1,189	43,609
	Age 2	31,578	5,024	44,863	2,630	84,094
	Age 3+	11,306	733	3,359	175	15,573
	Total	48,780	7,887	82,617	3,993	143,277
May	Age 0	0	0	0	0	0
	Age 1	27,647	42,363	12,009	170	82,190
	Age 2	33,106	66,148	7,056	147	106,457
	Age 3+	10,137	32,230	57	8	42,432
	Total	70,890	140,741	19,123	325	231,079
June	Age 0	0	0	0	0	0
	Age 1	9,777	11,828	3,240	0	24,845
	Age 2	8,048	8,201	1,100	0	17,350
	Age 3+	1,383	3,072	17	0	4,473
	Total	19,209	23,101	4,357	0	46,667
July	Age 0	0	0	0	0	0
	Age 1	11,497	30,401	24,110	229	66,237
	Age 2	7,612	12,265	3,817	85	23,778
	Age 3+	817	1,472	140	1	2,431
	Total	19,926	44,138	28,067	315	92,447
August	Age 0	0	0	0	0	0
	Age 1	10,347	10,499	14,882	88	35,815
	Age 2	3,866	3,895	6,772	70	14,603
	Age 3+	320	486	263	1	1,070
	Total	14,533	14,879	21,917	159	51,488
September	Age 0	233	0	55	0	289
	Age 1	3,195	2,664	7,932	349	14,141
	Age 2	2,204	1,005	2,906	577	6,692
	Age 3+	63	22	155	44	283
	Total	5,695	3,691	11,048	970	21,404

October	Age 0	0	0	124	8	132
	Age 1	0	828	2,260	193	3,281
	Age 2	0	545	1,066	208	1,819
	Age 3+	0	0	0	15	15
	Total	0	1,373	3,450	424	5,247

Table 24. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 1999.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	8,338	15,825	329,668	57,106	410,936
	Age 2	1,001	2,040	53,556	2,497	59,095
	Age 3+	471	709	10,625	1,648	13,453
	Total	9,809	18,574	393,849	61,252	483,484
May	Age 0	0	0	0	0	0
	Age 1	54,560	177,461	173,835	42,421	448,276
	Age 2	12,537	30,402	15,783	2,772	61,494
	Age 3+	3,012	6,702	2,812	2,621	15,146
	Total	70,108	214,564	192,430	47,813	524,916
June	Age 0	0	0	0	0	0
	Age 1	66,160	367,873	145,747	13,611	593,392
	Age 2	5,423	13,015	5,146	393	23,978
	Age 3+	723	4,700	303	42	5,768
	Total	72,306	385,589	151,196	14,047	623,137
July	Age 0	0	0	0	0	0
	Age 1	88,326	201,975	72,836	7,628	370,765
	Age 2	3,122	12,696	5,092	844	21,753
	Age 3+	367	1,720	2,643	43	4,773
	Total	91,815	216,391	80,570	8,514	397,291
August	Age 0	0	0	0	0	0
	Age 1	65,424	90,645	67,423	15,968	239,461
	Age 2	3,997	2,395	2,526	2,337	11,254
	Age 3+	701	1,072	210	937	2,920
	Total	70,123	94,112	70,159	19,242	253,636
September	Age 0	0	0	0	0	0
	Age 1	34,012	167,650	25,263	5,712	232,637
	Age 2	6,351	7,256	3,635	52	17,295
	Age 3+	1,421	350	857	52	2,680
	Total	41,784	175,257	29,756	5,816	252,612

October	Age 0	454	1,446	0	0	1,901
	Age 1	45,745	54,751	4,934	694	106,124
	Age 2	3,837	2,117	1,022	26	7,002
	Age 3+	454	0	91	3	548
	Total	50,491	58,314	6,046	723	115,575

Table 25. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2000.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	126	2,652	0	0	2,778
	Age 2	258	5,429	0	0	5,687
	Age 3+	12	259	0	0	271
	Total	396	8,340	0	0	8,736
May	Age 0	0	0	0	0	0
	Age 1	22,240	28,359	7,829	44,556	102,984
	Age 2	6,882	8,775	2,423	13,787	31,867
	Age 3+	450	573	158	901	2,082
	Total	29,571	37,707	10,410	59,244	136,933
June	Age 0	0	0	0	0	0
	Age 1	43,236	160,245	92,922	18,146	314,549
	Age 2	16,500	90,349	46,390	8,616	161,854
	Age 3+	482	9,188	2,554	321	12,545
	Total	60,218	259,782	141,865	27,084	488,948
July	Age 0	0	0	0	0	0
	Age 1	233,242	269,227	132,383	1,001	635,853
	Age 2	36,216	99,652	22,595	90	158,553
	Age 3+	811	4,522	1,005	20	6,357
	Total	270,268	373,401	155,983	1,110	800,763
August	Age 0	0	0	0	0	0
	Age 1	43,533	217,995	199,518	12,656	473,703
	Age 2	11,171	67,888	25,985	10,334	115,377
	Age 3+	110	1,342	452	209	2,112
	Total	54,813	287,225	225,955	23,199	591,192
September	Age 0	0	0	0	0	0
	Age 1	9,058	300,653	51,979	1,007	362,697
	Age 2	2,829	84,520	22,371	433	110,154
	Age 3+	0	1,337	699	14	2,050
	Total	11,887	386,509	75,050	1,454	474,901

October	Age 0	0	440	15	0	455
	Age 1	30,315	72,942	2,534	0	105,790
	Age 2	6,313	31,974	1,091	0	39,377
	Age 3+	73	381	34	0	488
	Total	36,701	105,737	3,674	0	146,111

Table 26. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2001.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	187,330	39,099	33,307	4,811	264,548
	Age 2	267,966	46,171	32,514	4,006	350,658
	Age 3+	36,384	7,254	5,942	1,248	50,828
	Total	491,681	92,524	71,763	10,066	666,034
May	Age 0	0	0	0	0	0
	Age 1	125,977	114,913	25,783	4,579	271,252
	Age 2	81,842	96,094	1,501	1,794	181,231
	Age 3+	6,427	14,151	0	421	21,000
	Total	214,247	225,158	27,283	6,794	473,482
June	Age 0	0	0	0	0	0
	Age 1	131,884	54,911	72,848	104	259,747
	Age 2	82,234	53,437	21,208	15	156,893
	Age 3+	7,758	5,365	951	0	14,074
	Total	221,876	113,713	95,007	119	430,714
July	Age 0	0	0	0	0	0
	Age 1	42,010	38,015	54,091	0	134,116
	Age 2	38,581	16,928	6,548	0	62,057
	Age 3+	5,144	3,807	2,101	0	11,052
	Total	85,735	58,751	62,740	0	207,225
August	Age 0	0	609	0	0	609
	Age 1	16,218	159,815	127,367	0	303,401
	Age 2	13,191	70,072	17,528	0	100,791
	Age 3+	2,485	7,261	1,169	0	10,915
	Total	31,895	237,757	146,063	0	415,716
September	Age 0	326	0	0	0	326
	Age 1	52,750	22,790	127,065	224	202,829
	Age 2	47,856	6,959	28,951	2	83,768
	Age 3+	7,722	1,546	4,825	0	14,094
	Total	108,655	31,294	160,841	226	301,017

October	Age 0	1,319	0	3,471	0	4,789
	Age 1	50,003	5,807	98,337	388	154,535
	Age 2	43,613	3,200	13,536	4	60,353
	Age 3+	6,390	1,057	347	0	7,794
	Total	101,325	10,064	115,690	392	227,472

Table 27. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2002.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	16,137	91,055	75,631	7,364	190,187
	Age 2	4,543	17,378	66,170	2,008	90,099
	Age 3+	5,731	11,308	5,359	191	22,589
	Total	26,411	119,740	147,160	9,564	302,875
May	Age 0	0	0	0	0	0
	Age 1	42,349	396,838	205,957	7,373	652,517
	Age 2	5,129	81,866	30,437	863	118,295
	Age 3+	3,250	14,835	3,058	55	21,197
	Total	50,727	493,539	239,452	8,291	792,010
June	Age 0	0	0	0	0	0
	Age 1	222,898	307,402	109,822	0	640,122
	Age 2	20,147	73,547	8,341	0	102,036
	Age 3+	11,986	21,306	388	0	33,681
	Total	255,032	402,256	118,551	0	775,839
July	Age 0	0	0	0	0	0
	Age 1	387,731	387,926	20,749	0	796,406
	Age 2	13,019	49,201	6,624	0	68,845
	Age 3+	6,103	7,821	0	0	13,924
	Total	406,853	444,948	27,373	0	879,175
August	Age 0	0	0	0	0	0
	Age 1	329,671	352,090	1,657	0	683,417
	Age 2	39,127	37,216	870	0	77,212
	Age 3+	18,595	11,902	133	0	30,630
	Total	387,392	401,208	2,660	0	791,260
September	Age 0	0	2,041	0	0	2,042
	Age 1	101,238	287,718	7,568	19	396,544
	Age 2	23,576	54,674	1,626	1	79,876
	Age 3+	13,868	39,694	484	0	54,046
	Total	138,683	384,127	9,678	21	532,509

October	Age 0	14,226	2,391	1,387	0	18,003
	Age 1	118,445	149,256	26,879	0	294,579
	Age 2	15,463	10,772	9,259	0	35,494
	Age 3+	6,494	4,509	0	0	11,003
	Total	154,627	166,928	37,525	0	359,080

Table 28. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2003.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	14,813	45,915	1,720	0	62,448
	Age 2	19,788	72,895	2,731	0	95,414
	Age 3+	2,768	7,095	266	0	10,129
	Total	37,368	125,905	4,718	0	167,991
May	Age 0	0	0	0	0	0
	Age 1	141,883	47,967	21,542	3,720	215,111
	Age 2	115,965	99,826	16,345	2,822	234,957
	Age 3+	9,619	10,924	1,785	308	22,637
	Total	267,467	158,717	39,673	6,850	472,706
June	Age 0	0	0	0	0	0
	Age 1	56,793	105,540	14,364	0	176,697
	Age 2	23,171	35,904	6,361	0	65,436
	Age 3+	1,053	3,330	62	0	4,445
	Total	81,017	144,774	20,787	0	246,578
July	Age 0	0	0	0	0	0
	Age 1	141,007	92,072	1,718	0	234,797
	Age 2	36,274	26,080	487	0	62,841
	Age 3+	533	864	16	0	1,414
	Total	177,814	119,017	2,221	0	299,052
August	Age 0	0	0	0	0	0
	Age 1	306,042	140,133	3,100	0	449,275
	Age 2	91,326	37,057	820	0	129,202
	Age 3+	8,524	2,518	56	0	11,098
	Total	405,891	179,708	3,975	0	589,575
September	Age 0	0	0	0	0	0
	Age 1	247,790	111,726	1,071	0	360,587
	Age 2	88,179	40,032	384	0	128,595
	Age 3+	5,810	457	4	0	6,271
	Total	341,780	152,215	1,459	0	495,454

October	Age 0	2,717	0	0	0	2,717
	Age 1	140,943	26,928	7,018	0	174,889
	Age 2	36,776	6,559	1,593	0	44,927
	Age 3+	725	68	0	0	792
	Total	181,160	33,555	8,611	0	223,326

Table 29. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2004.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	11,014	28,922	36	1	39,972
	Age 2	74,848	192,030	1,754	60	268,692
	Age 3+	26,523	39,865	336	14	66,738
	Total	112,385	260,816	2,126	75	375,402
May	Age 0	0	0	0	0	0
	Age 1	32,791	35,364	818	0	68,972
	Age 2	118,866	152,677	1,078	0	272,622
	Age 3+	26,553	23,505	104	0	50,162
	Total	178,210	211,546	2,001	0	391,756
June	Age 0	0	0	0	0	0
	Age 1	12,994	12,904	607	0	26,505
	Age 2	25,560	122,220	3,259	0	151,038
	Age 3+	4,331	13,201	629	0	18,162
	Total	42,885	148,325	4,495	0	195,705
July	Age 0	0	0	0	0	0
	Age 1	7,005	36,198	2,468	0	45,671
	Age 2	7,294	80,777	7,575	0	95,646
	Age 3+	144	4,616	20	0	4,780
	Total	14,443	121,591	10,063	0	146,097
August	Age 0	0	0	43	0	43
	Age 1	12,425	16,619	1,561	0	30,605
	Age 2	8,973	37,946	6,982	0	53,902
	Age 3+	151	831	87	0	1,069
	Total	21,549	55,396	8,673	0	85,618
September	Age 0	0	0	107	0	107
	Age 1	6,021	7,917	20,581	0	34,519
	Age 2	9,338	5,436	14,716	0	29,490
	Age 3+	0	67	142	0	210
	Total	15,359	13,421	35,545	0	64,325

October	Age 0	0	10	89	89	188
	Age 1	4,688	6,572	2,033	96	13,389
	Age 2	4,604	3,126	2,301	171	10,202
	Age 3+	47	0	45	0	91
	Total	9,338	9,708	4,468	357	23,871

Table 30. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2005.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	35,680	22,334	95,999	1,888	155,902
	Age 2	7,237	19,803	21,275	418	48,734
	Age 3+	13,184	17,491	12,584	247	43,506
	Total	56,100	59,628	129,858	2,554	248,141
May	Age 0	0	0	0	0	0
	Age 1	47,516	248,115	157,479	47	453,156
	Age 2	11,188	43,402	22,313	7	76,909
	Age 3+	7,108	17,641	4,426	1	29,176
	Total	65,811	309,158	184,217	55	559,241
June	Age 0	0	0	0	0	0
	Age 1	123,853	179,985	1,724	0	305,562
	Age 2	7,652	24,740	689	0	33,082
	Age 3+	10,203	7,065	289	0	17,557
	Total	141,708	211,790	2,702	0	356,200
July	Age 0	0	0	0	0	0
	Age 1	27,810	93,067	217	0	121,094
	Age 2	1,615	7,287	23	0	8,925
	Age 3+	2,249	6,632	15	0	8,896
	Total	31,675	106,986	255	0	138,916
August	Age 0	0	123	4	0	127
	Age 1	30,377	240,626	3,509	0	274,511
	Age 2	3,093	10,710	152	0	13,955
	Age 3+	1,251	3,345	33	0	4,629
	Total	34,721	254,804	3,697	0	293,222
September	Age 0	0	211	0	0	211
	Age 1	171,098	197,739	9,063	0	377,901
	Age 2	8,831	7,358	378	0	16,566
	Age 3+	3,864	834	0	0	4,697
	Total	183,793	206,142	9,441	0	399,376

October	Age 0	0	33	0	0	33
	Age 1	72,206	9,117	0	690	82,013
	Age 2	1,966	935	0	29	2,929
	Age 3+	1,512	326	0	0	1,838
	Total	75,684	10,411	0	719	86,814

Table 31. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2006.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	5,090	5,638	5,951	0	16,680
	Age 2	108,955	35,747	48,789	0	193,492
	Age 3+	7,272	414	1,460	0	9,146
	Total	121,317	41,800	56,200	0	219,317
May	Age 0	0	0	0	0	0
	Age 1	6,569	8,374	5,490	0	20,433
	Age 2	61,887	133,379	40,277	0	235,542
	Age 3+	691	1,350	1,562	0	3,603
	Total	69,147	143,103	47,329	0	259,579
June	Age 0	0	0	0	0	0
	Age 1	10,179	14,389	12,694	741	38,003
	Age 2	50,104	79,649	30,941	1,806	162,500
	Age 3+	670	615	441	26	1,752
	Total	60,954	94,653	44,076	2,572	202,255
July	Age 0	0	0	0	0	0
	Age 1	185	5,203	16,443	945	22,777
	Age 2	700	23,122	64,495	3,062	91,380
	Age 3+	9	322	1,029	32	1,392
	Total	894	28,647	81,968	4,040	115,549
August	Age 0	4	102	283	0	389
	Age 1	115	3,873	30,038	4,064	38,089
	Age 2	703	23,811	90,812	6,919	122,245
	Age 3+	0	37	326	0	363
	Total	822	27,822	121,459	10,983	161,086
September	Age 0	0	62	1,754	0	1,816
	Age 1	218	5,183	17,916	915	24,233
	Age 2	3,743	27,281	38,192	1,449	70,665
	Age 3+	0	470	706	7	1,184
	Total	3,961	32,996	58,569	2,371	97,897

October	Age 0	0	4,327	59	0	4,386
	Age 1	0	4,273	3,176	76	7,525
	Age 2	0	24,028	7,882	110	32,020
	Age 3+	0	0	22	0	22
	Total	0	32,628	11,139	187	43,953

Table 32. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2007.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	8,869	19,104	50,032	0	78,005
	Age 2	1,778	6,376	17,410	0	25,564
	Age 3+	12,152	33,156	24,835	0	70,143
	Total	22,800	58,636	92,276	0	173,712
May	Age 0	0	0	0	0	0
	Age 1	8,094	95,650	126,987	4,326	235,056
	Age 2	1,630	12,166	11,221	539	25,556
	Age 3+	4,833	29,905	26,806	995	62,539
	Total	14,557	137,721	165,014	5,860	323,152
June	Age 0	0	0	0	0	0
	Age 1	41,446	153,583	69,182	85,365	349,575
	Age 2	5,324	27,909	2,757	20,413	56,403
	Age 3+	10,476	41,148	4,970	17,939	74,534
	Total	57,246	222,640	76,909	123,717	480,512
July	Age 0	0	0	0	0	0
	Age 1	62,163	177,126	191,112	82,378	512,779
	Age 2	5,801	4,061	3,961	4,922	18,745
	Age 3+	10,426	5,891	2,971	5,572	24,860
	Total	78,390	187,079	198,043	92,872	556,384
August	Age 0	0	0	0	0	0
	Age 1	58,409	188,993	228,180	53,296	528,877
	Age 2	4,157	6,697	6,479	3,028	20,361
	Age 3+	6,721	5,159	4,907	4,239	21,027
	Total	69,287	200,849	239,566	60,564	570,265
September	Age 0	0	0	2,575	2,936	5,510
	Age 1	56,589	237,270	50,653	103,990	448,502
	Age 2	2,489	14,967	1,645	3,952	23,053
	Age 3+	1,639	14,140	554	2,145	18,479
	Total	60,718	266,377	55,427	113,023	495,545

October	Age 0	0	0	79	1,074	1,154
	Age 1	1,883	34,787	18,482	12,525	67,677
	Age 2	100	3,012	1,133	452	4,697
	Age 3+	20	830	179	71	1,099
	Total	2,003	38,628	19,873	14,123	74,627

Table 33. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2008.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	0	6,013	27,427	1,274	34,714
	Age 2	0	79,277	59,278	2,666	141,221
	Age 3+	0	3,784	3,871	40	7,694
	Total	0	89,074	90,576	3,980	183,629
May	Age 0	0	0	0	0	0
	Age 1	9,468	51,499	68,763	21,149	150,879
	Age 2	32,815	321,592	117,683	30,470	502,560
	Age 3+	3,677	11,787	4,110	2,889	22,462
	Total	45,960	384,878	190,556	54,508	675,902
June	Age 0	0	0	0	0	0
	Age 1	13,009	28,366	76,412	6,348	124,135
	Age 2	30,966	83,389	126,831	5,449	246,635
	Age 3+	1,832	1,148	11,917	615	15,512
	Total	45,807	112,903	215,159	12,411	386,282
July	Age 0	0	0	0	0	0
	Age 1	23,261	7,360	124,347	101,700	256,667
	Age 2	49,578	25,479	59,922	30,322	165,301
	Age 3+	1,715	165	4,544	1,699	8,123
	Total	74,553	33,003	188,813	133,721	430,091
August	Age 0	0	0	0	0	0
	Age 1	9,260	6,313	104,912	43,544	164,028
	Age 2	37,283	21,436	60,277	6,680	125,676
	Age 3+	2,450	337	2,691	0	5,478
	Total	48,992	28,086	167,880	50,224	295,182
September	Age 0	3	0	2,106	79	2,188
	Age 1	1,084	13,464	45,265	2,654	62,467
	Age 2	4,179	63,870	26,788	1,802	96,640
	Age 3+	208	789	630	126	1,753
	Total	5,474	78,124	74,789	4,661	163,048

October	Age 0	69	0	1,042	1,203	2,314
	Age 1	14,221	8,753	11,052	7,525	41,551
	Age 2	52,624	22,909	8,138	2,588	86,258
	Age 3+	1,786	603	398	34	2,821
	Total	68,699	32,264	20,629	11,350	132,943

Table 34. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2009.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	1,216	1,163	0	100	2,478
	Age 2	881	1,718	1,532	216	4,347
	Age 3+	518	5,983	1,443	144	8,088
	Total	2,614	8,865	2,975	459	14,913
May	Age 0	0	0	0	0	0
	Age 1	0	20,079	118,781	137,376	276,236
	Age 2	0	5,946	41,423	16,988	64,357
	Age 3+	0	20,052	14,372	8,984	43,407
	Total	0	46,076	174,576	163,348	384,000
June	Age 0	0	0	0	0	0
	Age 1	26,351	25,273	115,566	50,455	217,645
	Age 2	10,096	7,747	21,971	18,921	58,734
	Age 3+	13,983	10,576	8,935	701	34,195
	Total	50,431	43,596	146,471	70,076	310,574
July	Age 0	0	0	0	0	0
	Age 1	46,614	27,520	294,020	9,670	377,824
	Age 2	8,922	3,363	23,622	2,605	38,512
	Age 3+	13,694	12,179	4,189	312	30,373
	Total	69,229	43,062	321,831	12,587	446,709
August	Age 0	0	0	196	45	240
	Age 1	153,692	24,833	213,493	88,024	480,042
	Age 2	12,347	9,762	36,555	26,376	85,041
	Age 3+	18,244	13,659	7,603	2,843	42,349
	Total	184,283	48,254	257,847	117,288	607,672
September	Age 0	0	0	260	0	260
	Age 1	57,826	722	179,387	91,719	329,655
	Age 2	14,478	456	39,807	11,664	66,404
	Age 3+	11,868	1,045	14,486	2,651	30,050
	Total	84,172	2,223	233,940	106,034	426,369

October	Age 0	0	0	1,133	16,132	17,265
	Age 1	12,339	183	71,285	62,200	146,007
	Age 2	1,418	184	9,476	3,243	14,321
	Age 3+	425	344	2,094	1,580	4,444
	Total	14,182	711	83,989	83,155	182,037

Table 35. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2010.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	4,038	20,237	66,112	9	90,397
	Age 2	24,165	28,683	177,983	32	230,864
	Age 3+	4,103	5,923	12,464	2	22,493
	Total	32,306	54,843	256,560	44	343,754
May	Age 0	0	0	0	0	0
	Age 1	15,053	32,963	117,695	90,801	256,511
	Age 2	52,311	59,652	110,288	143,850	366,101
	Age 3+	7,154	6,971	15,331	12,090	41,546
	Total	74,517	99,585	243,314	246,742	664,158
June	Age 0	0	0	0	0	0
	Age 1	24,694	47,271	192,690	1,176	265,831
	Age 2	42,685	28,112	212,300	981	284,078
	Age 3+	3,175	3,141	21,315	86	27,717
	Total	70,554	78,524	426,305	2,243	577,626
July	Age 0	0	0	0	0	0
	Age 1	72,509	24,279	183,938	7,816	288,541
	Age 2	35,251	14,355	82,748	3,351	135,704
	Age 3+	3,793	588	4,061	316	8,758
	Total	111,553	39,222	270,746	11,482	433,004
August	Age 0	0	0	323	0	323
	Age 1	20,311	73,504	274,749	75,797	444,360
	Age 2	5,807	51,199	43,262	18,381	118,649
	Age 3+	398	2,028	4,520	568	7,514
	Total	26,515	126,730	322,854	94,746	570,846
September	Age 0	0	0	0	631	631
	Age 1	70,597	45,738	195,342	99,374	411,051
	Age 2	43,444	16,041	31,172	25,222	115,879
	Age 3+	1,387	1,005	4,618	883	7,892
	Total	115,428	62,784	231,131	126,109	535,452

October	Age 0	0	0	0	1,342	1,342
	Age 1	33,514	872	152,372	22,216	208,974
	Age 2	6,566	554	17,480	4,969	29,568
	Age 3+	201	252	1,234	0	1,687
	Total	40,282	1,678	171,085	28,527	241,571

Table 36. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2011.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	16	146	32,551	245	32,957
	Age 2	323	2,998	284,424	31,807	319,552
	Age 3+	182	1,687	61,510	4,526	67,905
	Total	521	4,830	378,485	36,578	420,413
May	Age 0	0	0	0	0	0
	Age 1	3,881	17,862	75,176	31,359	128,277
	Age 2	11,051	50,860	401,631	167,636	631,178
	Age 3+	1,546	7,114	95,591	18,715	122,966
	Total	16,477	75,836	572,398	217,709	882,420
June	Age 0	0	0	0	0	0
	Age 1	1,933	17,939	50,190	85,500	155,561
	Age 2	8,854	82,183	123,228	221,892	436,158
	Age 3+	384	3,565	10,100	33,527	47,575
	Total	11,171	103,687	183,518	340,918	639,294
July	Age 0	0	0	0	0	0
	Age 1	15,199	12,354	44,002	38,450	110,006
	Age 2	29,787	7,116	41,190	34,888	112,981
	Age 3+	7,469	297	9,047	2,283	19,096
	Total	52,455	19,767	94,239	75,621	242,083
August	Age 0	0	0	0	0	0
	Age 1	6,138	39,548	167,011	10,349	223,046
	Age 2	5,567	54,165	144,335	10,917	214,984
	Age 3+	510	375	11,354	524	12,763
	Total	12,215	94,088	322,700	21,790	450,793
September	Age 0	125	287	458	0	871
	Age 1	2,841	65,542	260,007	6,560	334,949
	Age 2	9,740	46,531	88,805	3,717	148,793
	Age 3+	94	2,586	8,928	656	12,264
	Total	12,799	114,947	358,198	10,933	496,877

October	Age 0	58	0	2,586	0	2,644
	Age 1	18,432	20,874	305,573	11,901	356,781
	Age 2	5,927	17,998	103,267	9,396	136,588
	Age 3+	232	146	4,371	0	4,750
	Total	24,650	39,019	415,797	21,297	500,762

Table 37. Estimated total ocean shrimp catch (thousands of shrimp, Oregon landings only) by age group and PSMFC statistical area (Figure 1) for 2012.

Month	Age group	Area 82	Area 84	Area 86	Area 88	Total
April	Age 0	0	0	0	0	0
	Age 1	663	122	40,775	6,196	47,757
	Age 2	15,112	6,368	279,273	46,189	346,942
	Age 3+	4,927	6,062	56,117	3,943	71,048
	Total	20,701	12,553	376,164	56,328	465,747
May	Age 0	0	0	0	0	0
	Age 1	15,743	13,474	73,387	8,259	110,863
	Age 2	100,734	76,273	396,389	115,605	689,001
	Age 3+	14,323	30,798	102,868	27,233	175,221
	Total	130,800	120,546	572,643	151,096	975,085
June	Age 0	0	0	265	0	265
	Age 1	10,296	86,740	59,355	29,939	186,331
	Age 2	38,261	64,492	274,210	240,723	617,685
	Age 3+	2,288	25,189	46,573	40,434	114,484
	Total	50,845	176,421	380,403	311,097	918,765
July	Age 0	0	0	0	0	0
	Age 1	21,797	69,174	113,213	100,293	304,478
	Age 2	21,188	39,717	223,645	183,479	468,028
	Age 3+	2,591	6,951	31,992	19,376	60,910
	Total	45,576	115,842	368,850	303,148	833,416
August	Age 0	0	0	0	0	0
	Age 1	108,008	19,359	107,176	33,956	268,500
	Age 2	73,490	14,672	141,278	79,590	309,030
	Age 3+	4,454	6,521	22,193	10,325	43,493
	Total	185,952	40,552	270,647	123,871	621,022
September	Age 0	0	0	0	239	239
	Age 1	37,605	53,542	71,347	107,550	270,044
	Age 2	23,608	18,435	83,307	97,766	223,116
	Age 3+	1,462	7,855	10,310	9,052	28,679
	Total	62,675	79,831	164,965	214,607	522,078

October	Age 0	0	17	446	1,702	2,164
	Age 1	521	10,118	16,040	79,136	105,815
	Age 2	511	3,469	27,179	116,860	148,019
	Age 3+	32	68	891	851	1,842
	Total	1,064	13,672	44,555	198,549	257,840
