

Sum of Catch		Stock							
Alt	Year	GOA_WP	GOA_Pcod	GOA_Sable	GOA_ATF	GOA_FlatheadSole	GOA_POP	GOA_Nrthrns	
1	2004	72.0	58.6	15.0	23.3	2.7	11.8	5.0	
	2005	85.4	54.0	15.9	26.8	3.0	11.9	5.1	
	2006	114.8	70.1	14.9	213.1	47.5	13.4	4.7	
	2007	95.5	52.6	13.9	203.1	35.7	13.1	4.4	
	2008	105.3	48.6	13.9	192.1	29.2	12.9	4.2	
	2009	121.5	56.8	14.6	179.7	25.7	12.7	4.0	
	2010	137.8	66.3	15.5	166.9	23.7	12.4	3.8	
	2011	151.5	71.9	16.2	153.8	22.5	12.2	3.6	
	2012	158.9	74.6	16.7	142.9	21.3	12.1	3.5	
	2013	159.6	75.7	17.3	134.7	20.0	12.1	3.5	
	2014	159.2	76.3	17.7	129.0	18.7	12.2	3.4	
	2015	159.7	76.8	17.9	122.8	17.8	12.2	3.4	
	2016	159.3	77.1	18.1	118.4	17.3	12.3	3.3	
	2017	158.4	76.8	18.2	113.6	17.0	12.4	3.3	
2	2004	72.0	58.6	15.0	23.3	2.7	11.8	5.0	
	2005	85.4	54.0	15.9	26.8	3.0	11.9	5.1	
	2006	98.0	51.5	14.9	26.8	3.2	11.8	4.7	
	2007	86.4	46.6	13.9	222.6	47.7	13.2	4.4	
	2008	98.2	44.1	13.9	208.9	36.5	13.0	4.2	
	2009	116.7	50.9	14.6	193.9	30.1	12.8	4.0	
	2010	133.5	58.3	15.5	178.5	26.4	12.5	3.8	
	2011	147.2	62.6	16.2	163.2	24.1	12.3	3.6	
	2012	154.9	65.1	16.7	150.5	22.2	12.2	3.5	
	2013	155.7	66.5	17.3	140.7	20.5	12.2	3.5	
	2014	155.3	67.2	17.7	133.8	19.0	12.2	3.4	
	2015	155.1	67.8	17.9	126.5	18.0	12.3	3.4	
	2016	154.9	68.2	18.1	121.2	17.4	12.3	3.3	
	2017	154.3	68.2	18.2	115.6	17.1	12.4	3.3	
3	2004	72.0	58.6	15.0	23.3	2.7	11.8	5.0	
	2005	85.4	54.0	15.9	26.8	3.0	11.9	5.1	
	2006	60.2	37.1	7.6	109.4	25.8	6.8	2.4	
	2007	58.5	33.6	7.7	109.9	22.4	6.8	2.3	
	2008	67.2	34.2	8.2	109.2	20.4	6.9	2.2	
	2009	77.2	39.0	8.8	106.9	19.1	7.0	2.2	
	2010	87.9	43.6	9.6	103.6	18.3	7.1	2.1	
	2011	99.0	46.9	10.2	99.1	17.8	7.2	2.1	
	2012	105.8	49.0	10.6	95.0	17.2	7.3	2.1	
	2013	107.3	50.5	11.1	91.8	16.4	7.5	2.1	
	2014	108.2	51.4	11.5	89.9	15.7	7.6	2.1	
	2015	109.4	52.0	11.8	86.8	15.0	7.7	2.1	
	2016	109.4	52.4	12.1	84.6	14.5	7.8	2.2	
	2017	109.3	52.5	12.3	81.5	14.2	8.0	2.2	
4	2004	72.0	58.6	15.0	23.3	2.7	11.8	5.0	
	2005	85.4	54.0	15.9	26.8	3.0	11.9	5.1	
	2006	80.8	50.5	12.1	16.8	6.5	10.7	2.3	
	2007	79.6	44.1	11.8	17.6	6.4	10.6	2.2	
	2008	87.6	44.7	12.1	18.3	6.3	10.6	2.2	
	2009	95.3	50.1	12.6	18.6	6.4	10.5	2.1	
	2010	105.3	55.3	13.2	18.8	6.5	10.5	2.0	
	2011	115.8	58.9	13.8	18.6	6.6	10.6	2.0	
	2012	122.3	61.2	14.2	18.4	6.6	10.7	2.0	
	2013	123.4	62.7	14.6	18.3	6.5	10.8	2.0	
	2014	124.0	63.5	14.9	18.3	6.4	10.9	2.0	
	2015	124.8	64.1	15.1	18.0	6.3	11.0	2.1	
	2016	124.7	64.5	15.4	17.8	6.2	11.0	2.1	
	2017	124.7	64.6	15.5	17.3	6.1	11.1	2.1	
5	2004	72.0	58.6	15.0	23.3	2.7	11.8	5.0	
	2005	85.4	54.0	15.9	26.8	3.0	11.9	5.1	
	2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Sum of SSB		Stock							
Alt	Year	GOA_WP	GOA_Pcod	GOA_Sable	GOA_ATF	GOA_FlatheadSole	GOA_POP	GOA_Nrthrns	
1	2004	186.3	110.9	78.9	1,279.0	107.2	93.6	40.2	
	2005	212.1	108.9	76.9	1,338.4	106.9	92.6	38.1	
	2006	203.8	101.9	75.3	1,376.9	103.0	91.2	36.0	
	2007	177.2	86.7	73.1	1,311.4	82.9	89.5	33.9	
	2008	176.9	79.5	72.1	1,250.1	71.9	87.7	31.9	
	2009	196.0	81.8	73.3	1,183.4	66.4	85.9	30.0	
	2010	216.1	87.4	76.2	1,106.1	62.8	84.5	28.3	
	2011	228.6	92.0	78.6	1,021.0	59.1	83.6	26.8	
	2012	236.4	94.9	80.0	943.0	55.1	82.9	25.5	
	2013	240.2	96.2	82.3	881.5	51.9	82.5	24.4	
	2014	241.6	97.0	83.5	836.8	49.6	82.4	23.5	
	2015	242.6	97.9	84.1	786.6	48.2	82.5	22.9	
	2016	242.8	98.4	85.1	750.6	47.5	82.9	22.5	
	2017	242.5	98.5	85.5	710.5	47.2	83.3	22.3	
2	2004	186.3	110.9	78.9	1,279.0	107.2	93.6	40.2	
	2005	212.1	108.9	76.9	1,338.4	106.9	92.6	38.1	
	2006	205.2	103.1	75.3	1,401.5	108.1	91.4	36.0	
	2007	183.4	93.2	73.1	1,452.5	105.1	90.1	33.9	
	2008	185.2	87.1	72.1	1,376.3	85.3	88.3	31.9	
	2009	205.6	89.6	73.2	1,293.4	74.4	86.5	30.0	
	2010	226.2	95.9	76.2	1,200.0	67.5	85.0	28.3	
	2011	238.7	101.8	78.6	1,099.1	61.7	84.0	26.8	
	2012	246.5	106.1	80.0	1,006.9	56.7	83.3	25.5	
	2013	250.2	108.7	82.3	933.4	52.7	82.8	24.4	
	2014	251.5	110.5	83.5	878.5	50.0	82.7	23.5	
	2015	252.2	112.3	84.1	818.6	48.5	82.8	22.9	
	2016	252.5	113.5	85.1	774.9	47.6	83.1	22.5	
	2017	252.1	114.0	85.5	728.3	47.3	83.5	22.4	
3	2004	186.3	110.9	78.9	1,279.0	107.2	93.6	40.2	
	2005	212.1	108.9	76.9	1,338.4	106.9	92.6	38.1	
	2006	208.5	104.0	75.3	1,390.8	105.7	92.1	36.0	
	2007	198.9	98.7	76.3	1,403.9	96.0	93.0	34.9	
	2008	207.7	96.1	77.9	1,414.4	90.1	93.8	33.7	
	2009	236.4	100.5	81.3	1,411.0	86.8	94.5	32.6	
	2010	267.5	109.0	86.6	1,386.2	84.1	95.4	31.6	
	2011	290.9	117.8	91.2	1,339.7	80.7	96.6	30.7	
	2012	309.7	125.1	94.6	1,288.4	76.8	97.7	29.8	
	2013	323.1	130.0	99.0	1,247.3	73.1	99.0	29.2	
	2014	331.4	133.8	102.1	1,219.9	70.1	100.5	28.7	
	2015	337.0	137.5	104.3	1,171.8	67.9	102.1	28.5	
	2016	340.5	139.9	107.1	1,136.7	66.3	103.9	28.4	
	2017	342.4	141.4	108.8	1,086.0	65.2	105.6	28.5	
4	2004	186.3	110.9	78.9	1,279.0	107.2	93.6	40.2	
	2005	212.1	108.9	76.9	1,338.4	106.9	92.6	38.1	
	2006	206.7	103.2	75.3	1,402.7	107.8	91.6	36.0	
	2007	190.0	93.7	74.3	1,487.7	108.2	90.9	34.9	
	2008	193.0	88.2	74.2	1,571.6	109.3	90.1	33.8	
	2009	216.6	90.4	76.0	1,640.4	111.2	89.3	32.7	
	2010	243.9	96.9	79.8	1,683.1	112.4	88.7	31.7	
	2011	264.5	103.6	83.0	1,694.5	111.9	88.5	30.8	
	2012	280.7	108.9	85.3	1,691.4	110.1	88.4	30.0	
	2013	292.1	112.4	88.5	1,693.4	107.9	88.5	29.4	
	2014	299.3	115.0	90.6	1,706.7	105.6	88.8	28.9	
	2015	304.4	117.4	92.1	1,679.2	103.7	89.3	28.7	
	2016	307.7	119.0	93.9	1,661.6	102.0	90.0	28.6	
	2017	309.5	119.9	95.0	1,610.6	100.7	90.8	28.7	
5	2004	186.3	110.9	78.9	1,279.0	107.2	93.6	40.2	
	2005	212.1	108.9	76.9	1,338.4	106.9	92.6	38.1	
	2006	213.3	106.2	75.3	1,404.8	108.5	93.1	36.0	
	2007	224.5	113.1	79.7	1,503.0	112.3	96.7	35.9	
	2008	250.7	120.4	84.6	1,601.2	116.5	100.4	35.7	
	2009	298.4	132.8	91.2	1,684.8	121.1	104.0	35.5	
	2010	350.4	149.7	100.1	1,742.1	124.5	107.8	35.3	
	2011	395.5	167.7	108.5	1,766.8	126.1	111.9	35.1	
	2012	438.2	184.0	115.4	1,775.6	126.1	115.9	35.0	
	2013	474.4	196.3	123.9	1,788.9	125.3	120.0	35.1	
	2014	500.1	206.8	130.6	1,813.2	124.3	124.2	35.3	
	2015	519.3	217.0	136.3	1,792.6	123.3	128.6	35.6	
	2016	533.4	224.3	142.9	1,780.9	122.3	133.0	36.1	
	2017	543.1	229.3	147.9	1,731.7	121.5	137.3	36.8	

Sum of ABC		Stock						
Alt	Year	GOA_WP	GOA_Pcod	GOA_POP	GOA_Sabl	GOA_ATF	GOA_Flath	GOA_Nrthrns
1	2004	104.8	81.0	13.8	16.4	192.8	49.0	5.4
	2005	124.9	78.9	13.6	15.7	203.5	48.0	5.1
	2006	114.8	70.1	13.4	14.9	213.1	47.5	4.7
	2007	95.5	52.6	13.1	13.9	203.1	35.7	4.4
	2008	105.3	48.6	12.9	13.9	192.1	29.2	4.2
	2009	121.5	56.8	12.7	14.6	179.7	25.7	4.0
	2010	137.8	66.3	12.4	15.5	166.9	23.7	3.8
	2011	151.5	71.9	12.2	16.2	153.8	22.5	3.6
	2012	158.9	74.6	12.1	16.7	142.9	21.3	3.5
	2013	159.6	75.7	12.1	17.3	134.7	20.0	3.5
	2014	159.2	76.3	12.2	17.7	129.0	18.7	3.4
	2015	159.7	76.8	12.2	17.9	122.8	17.8	3.4
	2016	159.3	77.1	12.3	18.1	118.4	17.3	3.3
	2017	158.4	76.8	12.4	18.2	113.6	17.0	3.3
2	2004	88.8	63.8	13.8	16.4	192.8	49.0	5.4
	2005	106.5	62.2	13.6	15.7	203.5	48.0	5.1
	2006	98.0	55.4	13.4	14.9	213.1	47.5	4.7
	2007	86.4	46.6	13.2	13.9	222.6	47.7	4.4
	2008	98.2	44.1	13.0	13.9	208.9	36.5	4.2
	2009	116.7	50.9	12.8	14.6	193.9	30.1	4.0
	2010	133.5	58.3	12.5	15.5	178.5	26.4	3.8
	2011	147.2	62.6	12.3	16.2	163.2	24.1	3.6
	2012	154.9	65.1	12.2	16.7	150.5	22.2	3.5
	2013	155.7	66.5	12.2	17.3	140.7	20.5	3.5
	2014	155.3	67.2	12.2	17.7	133.8	19.0	3.4
	2015	155.1	67.8	12.3	17.9	126.5	18.0	3.4
	2016	154.9	68.2	12.3	18.1	121.2	17.4	3.3
	2017	154.3	68.2	12.4	18.2	115.6	17.1	3.3
3	2004	54.3	42.6	7.0	8.4	99.0	26.7	2.7
	2005	65.5	41.6	6.9	8.0	104.5	26.1	2.6
	2006	60.2	37.1	6.8	7.6	109.4	25.8	2.4
	2007	58.5	33.6	6.8	7.7	109.9	22.4	2.3
	2008	67.2	34.2	6.9	8.2	109.2	20.4	2.2
	2009	77.2	39.0	7.0	8.8	106.9	19.1	2.2
	2010	87.9	43.6	7.1	9.6	103.6	18.3	2.1
	2011	99.0	46.9	7.2	10.2	99.1	17.8	2.1
	2012	105.8	49.0	7.3	10.6	95.0	17.2	2.1
	2013	107.3	50.5	7.5	11.1	91.8	16.4	2.1
	2014	108.2	51.4	7.6	11.5	89.9	15.7	2.1
	2015	109.4	52.0	7.7	11.8	86.8	15.0	2.1
	2016	109.4	52.4	7.8	12.1	84.6	14.5	2.2
	2017	109.3	52.5	8.0	12.3	81.5	14.2	2.2
4	2004	81.1	58.2	11.0	12.7	15.2	6.7	2.6
	2005	85.8	56.8	10.9	12.5	16.0	6.6	2.5
	2006	80.8	50.5	10.7	12.1	16.8	6.5	2.3
	2007	79.6	44.1	10.6	11.8	17.6	6.4	2.2
	2008	87.6	44.7	10.6	12.1	18.3	6.3	2.2
	2009	95.3	50.1	10.5	12.6	18.6	6.4	2.1
	2010	105.3	55.3	10.5	13.2	18.8	6.5	2.0
	2011	115.8	58.9	10.6	13.8	18.6	6.6	2.0
	2012	122.3	61.2	10.7	14.2	18.4	6.6	2.0
	2013	123.4	62.7	10.8	14.6	18.3	6.5	2.0
	2014	124.0	63.5	10.9	14.9	18.3	6.4	2.0
	2015	124.8	64.1	11.0	15.1	18.0	6.3	2.1
	2016	124.7	64.5	11.0	15.4	17.8	6.2	2.1
	2017	124.7	64.6	11.1	15.5	17.3	6.1	2.1
5	2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sum of OFL		Stock							
Alt	Year	GOA_WP	GOA_Pcod	GOA_Sable	GOA_ATF	GOA_FlatheadSole	GOA_POP	GOA_Nrthrns	
1	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	140.6	67.5	19.4	237.4	44.7	15.6	5.3	
	2008	154.0	68.1	19.6	224.5	36.6	15.3	5.0	
	2009	167.2	77.0	20.3	210.0	32.3	15.1	4.7	
	2010	181.7	84.9	21.1	195.0	29.9	15.0	4.5	
	2011	195.3	89.2	21.8	179.7	28.4	15.0	4.3	
	2012	201.9	91.3	22.2	167.0	26.9	15.0	4.2	
	2013	201.5	92.2	22.7	157.4	25.2	15.1	4.2	
	2014	200.8	92.6	23.0	150.7	23.7	15.2	4.2	
	2015	200.7	93.0	23.2	143.5	22.8	15.2	4.2	
	2016	199.8	93.1	23.5	138.4	22.2	15.3	4.2	
	2017	199.2	92.9	23.5	132.8	22.0	15.4	4.2	
2	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	144.1	71.6	19.4	260.1	59.5	15.7	5.3	
	2008	158.8	72.5	19.6	244.1	45.7	15.4	5.0	
	2009	172.2	81.5	20.3	226.5	37.8	15.2	4.7	
	2010	186.6	89.8	21.1	208.6	33.2	15.1	4.5	
	2011	200.5	94.9	21.8	190.7	30.3	15.0	4.3	
	2012	207.2	98.0	22.2	175.8	28.0	15.1	4.2	
	2013	206.5	99.9	22.7	164.5	25.8	15.1	4.2	
	2014	205.5	100.8	23.1	156.4	24.1	15.2	4.2	
	2015	205.2	101.6	23.2	147.8	23.0	15.3	4.2	
	2016	204.4	102.0	23.5	141.6	22.3	15.3	4.2	
	2017	203.7	101.9	23.5	135.1	22.0	15.4	4.2	
3	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	152.2	74.7	20.2	250.0	51.9	16.0	5.4	
	2008	171.2	77.8	21.1	248.3	47.3	16.2	5.2	
	2009	187.4	87.8	22.4	243.1	44.5	16.3	5.1	
	2010	207.1	97.5	23.7	235.4	42.8	16.6	5.0	
	2011	228.4	104.4	24.9	225.2	41.5	16.9	4.9	
	2012	241.6	109.2	25.8	215.9	40.1	17.2	4.8	
	2013	243.8	112.4	26.9	208.9	38.3	17.5	4.9	
	2014	244.9	114.3	27.6	204.5	36.5	17.8	4.9	
	2015	246.3	115.7	28.2	197.5	35.0	18.1	5.0	
	2016	245.9	116.6	28.8	192.4	33.9	18.4	5.1	
	2017	245.7	116.9	29.2	185.3	33.1	18.7	5.1	
4	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	147.8	71.8	19.7	261.4	58.4	15.8	5.4	
	2008	163.2	73.2	20.2	270.7	58.5	15.7	5.2	
	2009	177.8	81.9	21.0	275.9	59.1	15.6	5.1	
	2010	195.9	90.3	22.0	277.5	59.9	15.6	5.0	
	2011	214.9	96.0	22.9	274.9	60.6	15.7	4.9	
	2012	226.6	99.8	23.6	271.9	60.6	15.8	4.9	
	2013	228.7	102.2	24.3	270.3	59.9	16.0	4.9	
	2014	230.0	103.6	24.8	271.2	58.8	16.1	5.0	
	2015	231.4	104.6	25.2	266.8	57.6	16.2	5.0	
	2016	231.2	105.2	25.6	263.8	56.4	16.4	5.1	
	2017	231.2	105.3	25.9	256.6	55.5	16.5	5.2	
5	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	165.1	82.9	21.0	263.4	60.6	16.5	5.6	
	2008	194.0	91.4	22.8	274.9	62.6	17.1	5.5	
	2009	217.0	105.7	24.9	282.2	64.9	17.7	5.5	
	2010	245.6	120.2	27.1	285.8	67.2	18.3	5.5	
	2011	280.6	132.0	29.2	284.9	69.2	19.0	5.5	
	2012	306.9	141.2	31.0	283.4	70.5	19.8	5.6	
	2013	314.6	148.1	32.9	283.3	70.8	20.5	5.7	
	2014	319.9	153.0	34.5	285.6	70.5	21.2	5.9	
	2015	325.0	156.4	35.9	282.0	70.0	21.9	6.0	
	2016	326.8	158.8	37.4	279.9	69.3	22.5	6.2	
	2017	328.4	160.2	38.5	272.9	68.7	23.2	6.4	

Sum of OFL		Stock							
Alt	Year	GOA_WP	GOA_Pcod	GOA_Sable	GOA_ATF	GOA_FlatheadSole	GOA_POP	GOA_Nrthrns	
1	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	140.6	67.5	19.4	237.4	44.7	15.6	5.3	
	2008	154.0	68.1	19.6	224.5	36.6	15.3	5.0	
	2009	167.2	77.0	20.3	210.0	32.3	15.1	4.7	
	2010	181.7	84.9	21.1	195.0	29.9	15.0	4.5	
	2011	195.3	89.2	21.8	179.7	28.4	15.0	4.3	
	2012	201.9	91.3	22.2	167.0	26.9	15.0	4.2	
	2013	201.5	92.2	22.7	157.4	25.2	15.1	4.2	
	2014	200.8	92.6	23.0	150.7	23.7	15.2	4.2	
	2015	200.7	93.0	23.2	143.5	22.8	15.2	4.2	
	2016	199.8	93.1	23.5	138.4	22.2	15.3	4.2	
	2017	199.2	92.9	23.5	132.8	22.0	15.4	4.2	
2	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	144.1	71.6	19.4	260.1	59.5	15.7	5.3	
	2008	158.8	72.5	19.6	244.1	45.7	15.4	5.0	
	2009	172.2	81.5	20.3	226.5	37.8	15.2	4.7	
	2010	186.6	89.8	21.1	208.6	33.2	15.1	4.5	
	2011	200.5	94.9	21.8	190.7	30.3	15.0	4.3	
	2012	207.2	98.0	22.2	175.8	28.0	15.1	4.2	
	2013	206.5	99.9	22.7	164.5	25.8	15.1	4.2	
	2014	205.5	100.8	23.1	156.4	24.1	15.2	4.2	
	2015	205.2	101.6	23.2	147.8	23.0	15.3	4.2	
	2016	204.4	102.0	23.5	141.6	22.3	15.3	4.2	
	2017	203.7	101.9	23.5	135.1	22.0	15.4	4.2	
3	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	152.2	74.7	20.2	250.0	51.9	16.0	5.4	
	2008	171.2	77.8	21.1	248.3	47.3	16.2	5.2	
	2009	187.4	87.8	22.4	243.1	44.5	16.3	5.1	
	2010	207.1	97.5	23.7	235.4	42.8	16.6	5.0	
	2011	228.4	104.4	24.9	225.2	41.5	16.9	4.9	
	2012	241.6	109.2	25.8	215.9	40.1	17.2	4.8	
	2013	243.8	112.4	26.9	208.9	38.3	17.5	4.9	
	2014	244.9	114.3	27.6	204.5	36.5	17.8	4.9	
	2015	246.3	115.7	28.2	197.5	35.0	18.1	5.0	
	2016	245.9	116.6	28.8	192.4	33.9	18.4	5.1	
	2017	245.7	116.9	29.2	185.3	33.1	18.7	5.1	
4	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	147.8	71.8	19.7	261.4	58.4	15.8	5.4	
	2008	163.2	73.2	20.2	270.7	58.5	15.7	5.2	
	2009	177.8	81.9	21.0	275.9	59.1	15.6	5.1	
	2010	195.9	90.3	22.0	277.5	59.9	15.6	5.0	
	2011	214.9	96.0	22.9	274.9	60.6	15.7	4.9	
	2012	226.6	99.8	23.6	271.9	60.6	15.8	4.9	
	2013	228.7	102.2	24.3	270.3	59.9	16.0	4.9	
	2014	230.0	103.6	24.8	271.2	58.8	16.1	5.0	
	2015	231.4	104.6	25.2	266.8	57.6	16.2	5.0	
	2016	231.2	105.2	25.6	263.8	56.4	16.4	5.1	
	2017	231.2	105.3	25.9	256.6	55.5	16.5	5.2	
5	2004	151.0	94.9	21.1	225.4	61.1	16.4	6.4	
	2005	158.5	92.4	20.8	237.9	59.8	16.1	6.0	
	2006	149.1	82.0	20.1	249.1	59.2	15.9	5.6	
	2007	165.1	82.9	21.0	263.4	60.6	16.5	5.6	
	2008	194.0	91.4	22.8	274.9	62.6	17.1	5.5	
	2009	217.0	105.7	24.9	282.2	64.9	17.7	5.5	
	2010	245.6	120.2	27.1	285.8	67.2	18.3	5.5	
	2011	280.6	132.0	29.2	284.9	69.2	19.0	5.5	
	2012	306.9	141.2	31.0	283.4	70.5	19.8	5.6	
	2013	314.6	148.1	32.9	283.3	70.8	20.5	5.7	
	2014	319.9	153.0	34.5	285.6	70.5	21.2	5.9	
	2015	325.0	156.4	35.9	282.0	70.0	21.9	6.0	
	2016	326.8	158.8	37.4	279.9	69.3	22.5	6.2	
	2017	328.4	160.2	38.5	272.9	68.7	23.2	6.4	

		Data Alt																			
		Sum of Catch					Sum of ABC					Sum of OFL					Sum of SSB				
Stock	Year	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
GOA_WP	2004	72.00	72.00	72.00	72.00	72.00	104.76	88.78	54.32	81.05	0.00	150.99	150.99	150.99	150.99	150.99	186.34	186.34	186.34	186.34	186.34
	2005	85.38	85.38	85.38	85.38	85.38	124.90	106.54	65.49	85.76	0.00	158.51	158.51	158.51	158.51	158.51	212.13	212.13	212.13	212.13	212.13
	2006	114.85	98.00	60.21	80.80	0.00	114.85	97.98	60.21	80.80	0.00	149.15	149.15	149.15	149.15	149.15	203.77	205.16	208.47	206.73	213.28
	2007	95.45	86.39	58.52	79.62	0.00	95.45	86.39	58.52	79.62	0.00	140.60	144.06	152.19	147.80	165.15	177.19	183.41	198.86	190.00	224.46
	2008	105.31	98.25	67.19	87.61	0.00	105.31	98.25	67.19	87.61	0.00	154.03	158.84	171.18	163.25	194.03	176.86	185.21	207.74	192.98	250.70
	2009	121.45	116.69	77.17	95.34	0.00	121.45	116.69	77.17	95.34	0.00	167.22	172.21	187.45	177.80	216.95	195.98	205.63	236.38	216.64	298.39
	2010	137.80	133.54	87.88	105.27	0.00	137.80	133.54	87.88	105.27	0.00	181.69	186.65	207.07	195.90	245.57	216.07	226.22	267.47	243.92	350.38
	2011	151.54	147.25	98.96	115.81	0.00	151.54	147.25	98.96	115.81	0.00	195.27	200.49	228.35	214.92	280.59	228.55	238.74	290.93	264.45	395.52
	2012	158.87	154.95	105.78	122.27	0.00	158.87	154.95	105.78	122.27	0.00	201.91	207.22	241.57	226.57	306.86	236.37	246.53	309.70	280.66	438.20
	2013	159.61	155.72	107.28	123.38	0.00	159.61	155.72	107.28	123.38	0.00	201.49	206.48	243.77	228.71	314.64	240.17	250.21	323.09	292.06	474.39
	2014	159.21	155.34	108.24	124.03	0.00	159.21	155.34	108.24	124.03	0.00	200.77	205.49	244.90	229.96	319.86	241.63	251.49	331.37	299.26	500.12
	2015	159.66	155.12	109.38	124.78	0.00	159.66	155.12	109.38	124.78	0.00	200.67	205.24	246.25	231.36	325.05	242.56	252.25	337.03	304.36	519.28
	2016	159.29	154.92	109.40	124.70	0.00	159.29	154.92	109.40	124.70	0.00	199.82	204.39	245.91	231.25	326.76	242.78	252.45	340.55	307.65	533.37
	2017	158.37	154.29	109.31	124.67	0.00	158.37	154.29	109.31	124.67	0.00	199.15	203.71	245.73	231.21	328.43	242.47	252.09	342.45	309.50	543.10
GOA_Pcod	2004	58.60	58.60	58.60	58.60	58.60	80.96	63.78	42.56	58.15	0.00	94.94	94.94	94.94	94.94	94.94	110.89	110.89	110.89	110.89	110.89
	2005	54.03	54.03	54.03	54.03	54.03	78.90	62.24	41.60	56.77	0.00	92.42	92.42	92.42	92.42	92.42	108.88	108.88	108.88	108.88	108.88
	2006	70.09	51.54	37.05	50.52	0.00	70.09	55.36	37.05	50.52	0.00	82.02	82.02	82.02	82.02	82.02	101.95	103.15	104.04	103.21	106.18
	2007	52.56	46.63	33.62	44.07	0.00	52.56	46.63	33.62	44.07	0.00	67.51	71.56	74.74	71.78	82.93	86.71	93.16	98.74	93.66	113.07
	2008	48.62	44.12	34.23	44.73	0.00	48.62	44.12	34.23	44.73	0.00	68.07	72.53	77.78	73.24	91.41	79.54	87.09	96.12	88.18	120.37
	2009	56.79	50.89	38.96	50.06	0.00	56.79	50.89	38.96	50.06	0.00	77.00	81.48	87.76	81.94	105.72	81.77	89.60	100.52	90.43	132.85
	2010	66.32	58.28	43.60	55.31	0.00	66.32	58.28	43.60	55.31	0.00	84.90	89.80	97.49	90.34	120.22	87.41	95.86	109.01	96.88	149.73
	2011	71.92	62.63	46.85	58.87	0.00	71.92	62.63	46.85	58.87	0.00	89.17	94.94	104.44	96.05	132.03	92.05	101.77	117.82	103.56	167.69
	2012	74.56	65.11	49.04	61.20	0.00	74.56	65.11	49.04	61.20	0.00	91.27	98.04	109.21	99.80	141.18	94.89	106.12	125.09	108.90	184.00
	2013	75.68	66.48	50.51	62.67	0.00	75.68	66.48	50.51	62.67	0.00	92.25	99.86	112.39	102.18	148.12	96.22	108.71	130.05	112.38	196.32
	2014	76.28	67.23	51.39	63.52	0.00	76.28	67.23	51.39	63.52	0.00	92.63	100.83	114.35	103.56	153.03	97.00	110.53	133.85	114.95	206.76
	2015	76.84	67.84	51.99	64.13	0.00	76.84	67.84	51.99	64.13	0.00	92.97	101.56	115.72	104.57	156.43	97.88	112.35	137.47	117.39	217.03
	2016	77.05	68.22	52.41	64.54	0.00	77.05	68.22	52.41	64.54	0.00	93.15	102.01	116.63	105.23	158.85	98.37	113.50	139.92	119.03	224.31
	2017	76.84	68.20	52.52	64.57	0.00	76.84	68.20	52.52	64.57	0.00	92.86	101.90	116.86	105.27	160.20	98.47	114.04	141.38	119.93	229.29
GOA_Sable	2004	15.03	15.03	15.03	15.03	15.03	16.35	16.35	8.36	12.68	0.00	21.11	21.11	21.11	21.11	21.11	78.94	78.94	78.94	78.94	78.94
	2005	15.94	15.94	15.94	15.94	15.94	15.70	15.70	8.02	12.51	0.00	20.81	20.81	20.81	20.81	20.81	76.88	76.88	76.88	76.88	76.88
	2006	14.88	14.90	7.60	12.11	0.00	14.88	14.88	7.60	12.11	0.00	20.15	20.15	20.15	20.15	20.15	75.27	75.27	75.27	75.27	75.27
	2007	13.90	13.90	7.72	11.83	0.00	13.90	13.90	7.72	11.83	0.00	19.38	19.38	20.19	19.69	21.05	73.07	73.06	76.29	74.29	79.66
	2008	13.92	13.91	8.18	12.10	0.00	13.92	13.91	8.18	12.10	0.00	19.63	19.63	21.09	20.16	22.77	72.12	72.11	77.94	74.21	84.59
	2009	14.58	14.58	8.84	12.63	0.00	14.58	14.58	8.84	12.63	0.00	20.33	20.33	22.37	21.04	24.87	73.25	73.25	81.30	76.03	91.24
	2010	15.49	15.49	9.56	13.22	0.00	15.49	15.49	9.56	13.22	0.00	21.12	21.12	23.71	22.02	27.09	76.20	76.20	86.55	79.76	100.14
	2011	16.22	16.22	10.18	13.75	0.00	16.22	16.22	10.18	13.75	0.00	21.79	21.79	24.91	22.90	29.19	78.57	78.57	91.15	83.00	108.48
	2012	16.67	16.67	10.64	14.15	0.00	16.67	16.67	10.64	14.15	0.00	22.23	22.24	25.84	23.56	30.99	80.01	80.01	94.56	85.30	115.41
	2013	17.31	17.31	11.15	14.59	0.00	17.31	17.31	11.15	14.59	0.00	22.74	22.74	26.85	24.29	32.92	82.27	82.28	98.99	88.51	123.88
	2014	17.67	17.67	11.51	14.91	0.00	17.67	17.67	11.51	14.91	0.00	23.05	23.05	27.60	24.81	34.54	83.45	83.46	102.06	90.59	130.65
	2015	17.86	17.86	11.78	15.13	0.00	17.86	17.86	11.78	15.13	0.00	23.23	23.23	28.17	25.19	35.90	84.11	84.12	104.35	92.05	136.34
	2016	18.12	18.12	12.10	15.40	0.00	18.12	18.12	12.10	15.40	0.00	23.47	23.47	28.81	25.62	37.41	85.12	85.12	107.10	93.90	142.87
	2017	18.20	18.20	12.28	15.54	0.00	18.20	18.20	12.28	15.54	0.00	23.54	23.54	29.20	25.86	38.55	85.47	85.47	108.84	94.97	147.87
GOA_ATF	2004	23.32	23.32	23.32	23.32	23.32	192.82	192.82	98.99	15.18	0.00	225.38	225.38	225.38	225.38	225.38	1,279.01	1,279.01	1,279.01	1,279.01	1,279.01
	2005	26.75	26.75	26.75	26.75	26.75	203.48	203.48	104.45	16.02	0.00	237.86	237.86	237.86	237.86	237.86	1,338.43	1,338.43	1,338.43	1,338.43	1,338.43
	2006	213.14	26.75	109.42	16.78	0.00	213.14	213.14	109.42	16.78	0.00	249.14	249.14	249.14	249.14	249.14	1,376.86	1,401.45	1,390.78	1,402.72	1,404.83
	2007	203.13	222.60	109.88	17.63	0.00	203.13	222.60	109.88	17.63	0.00	237.41	260.15	250.05	261.37	263.42	1,311.36	1,452.54	1,403.85	1,487.72	1,503.04
	2008	192.13	208.93	109.18	18.28	0.00	192.13	208.93	109.18	18.28	0.00	224.51	244.14	248.28	270.71	274.89	1,250.14	1,376.31	1,414.43	1,571.63	1,601.18
	2009	179.75	193.87	106.94	18.64	0.00	179.75	193.87	106.94	18.64	0.00	210.03	226.53	243.11	275.92	282.21	1,183.39	1,293.35	1,410.99	1,640.44	1,684.79
	2010	166.86	178.53	103.56	18.75	0.00	166.86	178.53	103.56	18.											

		Data Alt																			
Stock	Year	Sum of Catch					Sum of ABC					Sum of OFL					Sum of SSB				
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
GOA_Flathead	2004	2.75	2.75	2.75	2.75	2.75	49.03	49.03	26.68	6.72	0.00	61.08	61.08	61.08	61.08	61.08	107.17	107.17	107.17	107.17	107.17
	2005	3.00	3.00	3.00	3.00	3.00	48.01	48.01	26.10	6.57	0.00	59.84	59.84	59.84	59.84	59.84	106.87	106.87	106.87	106.87	106.87
	2006	47.49	3.23	25.78	6.48	0.00	47.49	47.49	25.78	6.48	0.00	59.24	59.24	59.24	59.24	59.24	102.97	108.14	105.68	107.81	108.47
	2007	35.68	47.65	22.45	6.36	0.00	35.68	47.65	22.45	6.36	0.00	44.66	59.50	51.88	58.40	60.61	82.85	105.10	96.02	108.17	112.33
	2008	29.18	36.52	20.37	6.35	0.00	29.18	36.52	20.37	6.35	0.00	36.65	45.74	47.29	58.47	62.60	71.90	85.34	90.06	109.34	116.52
	2009	25.65	30.09	19.10	6.40	0.00	25.65	30.09	19.10	6.40	0.00	32.29	37.79	44.49	59.08	64.90	66.38	74.38	86.78	111.25	121.06
	2010	23.74	26.38	18.32	6.49	0.00	23.74	26.38	18.32	6.49	0.00	28.93	33.20	42.76	59.87	67.19	62.83	67.51	84.15	112.42	124.53
	2011	22.55	24.09	17.78	6.57	0.00	22.55	24.09	17.78	6.57	0.00	28.44	30.35	41.52	60.57	69.23	59.05	61.75	80.72	111.89	126.06
	2012	21.33	22.22	17.19	6.60	0.00	21.33	22.22	17.19	6.60	0.00	26.89	27.99	40.07	60.65	70.51	55.13	56.67	76.80	110.14	126.12
	2013	19.95	20.47	16.43	6.54	0.00	19.95	20.47	16.43	6.54	0.00	25.18	25.80	38.26	59.94	70.84	51.86	52.71	73.11	107.87	125.34
	2014	18.69	18.99	15.66	6.42	0.00	18.69	18.99	15.66	6.42	0.00	23.74	24.08	36.47	58.79	70.53	49.58	50.04	70.11	105.62	124.30
	2015	17.82	17.98	15.00	6.29	0.00	17.82	17.98	15.00	6.29	0.00	22.78	22.96	34.98	57.58	69.97	48.23	48.46	67.87	103.65	123.26
	2016	17.30	17.39	14.51	6.16	0.00	17.30	17.39	14.51	6.16	0.00	22.23	22.32	33.87	56.45	69.31	47.53	47.65	66.31	101.99	122.29
	2017	17.04	17.08	14.16	6.06	0.00	17.04	17.08	14.16	6.06	0.00	21.95	22.00	33.10	55.51	68.72	47.20	47.26	65.24	100.66	121.49
GOA_POP	2004	11.80	11.80	11.80	11.80	11.80	13.76	13.76	6.98	11.04	0.00	16.36	16.36	16.36	16.36	16.36	93.63	93.63	93.63	93.63	93.63
	2005	11.94	11.94	11.94	11.94	11.94	13.58	13.58	6.89	10.89	0.00	16.14	16.14	16.14	16.14	16.14	92.65	92.65	92.65	92.65	92.65
	2006	13.38	11.81	6.79	10.74	0.00	13.38	13.38	6.79	10.74	0.00	15.91	15.91	15.91	15.91	15.91	91.23	91.45	92.14	91.60	93.05
	2007	13.13	13.21	6.85	10.65	0.00	13.13	13.21	6.85	10.65	0.00	15.60	15.71	16.04	15.78	16.50	89.45	90.09	93.03	90.88	96.74
	2008	12.90	12.98	6.91	10.58	0.00	12.90	12.98	6.91	10.58	0.00	15.34	15.43	16.19	15.67	17.09	87.69	88.30	93.84	90.13	100.43
	2009	12.68	12.79	6.97	10.53	0.00	12.68	12.79	6.97	10.53	0.00	15.11	15.20	16.35	15.60	17.69	85.94	86.51	94.54	89.32	104.03
	2010	12.36	12.50	7.07	10.53	0.00	12.36	12.50	7.07	10.53	0.00	14.98	15.06	16.56	15.60	18.34	84.52	85.04	95.39	88.73	107.79
	2011	12.20	12.32	7.19	10.58	0.00	12.20	12.32	7.19	10.58	0.00	14.96	15.03	16.85	15.68	19.05	83.60	84.05	96.56	88.51	111.86
	2012	12.15	12.25	7.33	10.68	0.00	12.15	12.25	7.33	10.68	0.00	15.02	15.08	17.19	15.83	19.80	82.90	83.29	97.75	88.39	115.91
	2013	12.14	12.22	7.47	10.78	0.00	12.14	12.22	7.47	10.78	0.00	15.09	15.14	17.51	15.97	20.52	82.50	82.83	99.05	88.47	120.01
	2014	12.15	12.22	7.59	10.86	0.00	12.15	12.22	7.59	10.86	0.00	15.15	15.19	17.80	16.10	21.20	82.38	82.66	100.51	88.78	124.22
	2015	12.21	12.26	7.72	10.95	0.00	12.21	12.26	7.72	10.95	0.00	15.24	15.27	18.10	16.23	21.88	82.53	82.77	102.14	89.31	128.56
	2016	12.28	12.32	7.84	11.04	0.00	12.28	12.32	7.84	11.04	0.00	15.32	15.34	18.37	16.36	22.52	82.87	83.06	103.86	89.99	132.95
	2017	12.38	12.41	7.96	11.14	0.00	12.38	12.41	7.96	11.14	0.00	15.42	15.44	18.65	16.50	23.17	83.32	83.48	105.63	90.76	137.33
GOA_Nrthms	2004	5.00	5.00	5.00	5.00	5.00	5.37	5.37	2.72	2.63	0.00	6.38	6.38	6.38	6.38	6.38	40.18	40.18	40.18	40.18	40.18
	2005	5.09	5.09	5.09	5.09	5.09	5.08	5.08	2.57	2.49	0.00	6.03	6.03	6.03	6.03	6.03	38.13	38.13	38.13	38.13	38.13
	2006	4.73	4.70	2.40	2.32	0.00	4.73	4.73	2.40	2.32	0.00	5.62	5.62	5.62	5.62	5.62	35.97	35.97	35.97	35.97	35.97
	2007	4.43	4.43	2.31	2.23	0.00	4.43	4.43	2.31	2.23	0.00	5.27	5.27	5.41	5.42	5.56	33.90	33.91	34.86	34.90	35.86
	2008	4.17	4.18	2.23	2.16	0.00	4.17	4.18	2.23	2.16	0.00	4.96	4.96	5.23	5.24	5.52	31.89	31.91	33.73	33.79	35.67
	2009	3.95	3.95	2.17	2.10	0.00	3.95	3.95	2.17	2.10	0.00	4.69	4.70	5.08	5.09	5.50	30.03	30.04	32.63	32.73	35.47
	2010	3.76	3.76	2.11	2.05	0.00	3.76	3.76	2.11	2.05	0.00	4.47	4.47	4.95	4.97	5.49	28.31	28.32	31.60	31.72	35.27
	2011	3.62	3.63	2.08	2.02	0.00	3.62	3.63	2.08	2.02	0.00	4.31	4.31	4.87	4.89	5.52	26.78	26.79	30.66	30.80	35.12
	2012	3.54	3.54	2.07	2.01	0.00	3.54	3.54	2.07	2.01	0.00	4.21	4.21	4.84	4.87	5.59	25.47	25.47	29.85	30.01	35.03
	2013	3.50	3.50	2.08	2.02	0.00	3.50	3.50	2.08	2.02	0.00	4.16	4.17	4.87	4.90	5.72	24.38	24.39	29.21	29.40	35.08
	2014	3.43	3.44	2.10	2.04	0.00	3.43	3.44	2.10	2.04	0.00	4.16	4.16	4.93	4.96	5.87	23.52	23.53	28.75	28.95	35.25
	2015	3.37	3.37	2.13	2.07	0.00	3.37	3.37	2.13	2.07	0.00	4.17	4.17	4.99	5.02	6.03	22.91	22.91	28.47	28.69	35.60
	2016	3.33	3.33	2.16	2.10	0.00	3.33	3.33	2.16	2.10	0.00	4.19	4.19	5.06	5.09	6.19	22.53	22.54	28.38	28.61	36.11
	2017	3.32	3.32	2.19	2.13	0.00	3.32	3.32	2.19	2.13	0.00	4.22	4.22	5.13	5.17	6.35	22.35	22.35	28.46	28.71	36.79