

		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_ATF	2004	23.3	23.3	23.3	23.3	23.3	192.8	192.8	99.0	15.2	0.0	225.4	225.4	225.4	225.4	225.4	1,279.0	1,279.0	1,279.0	1,279.0	1,279.0
	2005	26.8	26.8	26.8	26.8	26.8	203.5	203.5	104.5	16.0	0.0	237.9	237.9	237.9	237.9	237.9	1,338.4	1,338.4	1,338.4	1,338.4	1,338.4
	2006	213.1	26.8	109.4	16.8	0.0	213.1	213.1	109.4	16.8	0.0	249.1	249.1	249.1	249.1	249.1	1,376.9	1,401.5	1,390.8	1,402.7	1,404.8
	2007	203.1	222.6	109.9	17.6	0.0	203.1	222.6	109.9	17.6	0.0	237.4	260.1	225.0	261.4	263.4	1,311.4	1,452.5	1,403.9	1,487.7	1,503.0
	2008	192.1	208.9	109.2	18.3	0.0	192.1	208.9	109.2	18.3	0.0	224.5	244.1	248.3	270.7	274.9	1,250.1	1,376.3	1,414.4	1,571.6	1,601.2
	2009	179.7	193.9	106.9	18.6	0.0	179.7	193.9	106.9	18.6	0.0	210.0	226.5	243.1	275.9	282.2	1,183.4	1,293.4	1,411.0	1,640.4	1,684.8
	2010	166.9	178.5	103.6	18.8	0.0	166.9	178.5	103.6	18.8	0.0	195.0	208.6	235.4	277.5	285.8	1,106.1	1,200.0	1,386.2	1,683.1	1,742.1
	2011	153.8	163.2	99.1	18.6	0.0	153.8	163.2	99.1	18.6	0.0	179.7	193.7	225.2	274.9	284.9	1,021.0	1,099.1	1,339.7	1,694.5	1,766.8
	2012	142.9	150.5	95.0	18.4	0.0	142.9	150.5	95.0	18.4	0.0	167.0	175.8	215.9	271.9	283.4	943.0	1,006.9	1,288.4	1,691.4	1,775.6
	2013	134.7	140.7	91.8	18.3	0.0	134.7	140.7	91.8	18.3	0.0	157.4	164.5	208.9	270.3	283.3	881.5	933.4	1,247.3	1,693.4	1,788.9
	2014	129.0	133.8	89.9	18.3	0.0	129.0	133.8	89.9	18.3	0.0	150.7	156.4	204.5	271.2	285.6	836.8	878.5	1,219.9	1,706.7	1,813.2
	2015	122.8	126.5	86.8	18.0	0.0	122.8	126.5	86.8	18.0	0.0	143.5	147.8	197.5	266.8	282.0	786.6	818.6	1,171.8	1,679.2	1,792.6
	2016	118.4	121.2	84.6	17.8	0.0	118.4	121.2	84.6	17.8	0.0	138.4	141.6	192.4	263.8	279.9	750.6	774.9	1,136.7	1,661.6	1,780.9
	2017	113.6	115.6	81.5	17.3	0.0	113.6	115.6	81.5	17.3	0.0	132.8	135.1	185.3	256.6	272.9	710.5	728.3	1,086.0	1,610.6	1,731.7
GOA_POP	2004	11.8	11.8	11.8	11.8	11.8	13.8	13.8	7.0	11.0	0.0	16.4	16.4	16.4	16.4	16.4	93.6	93.6	93.6	93.6	93.6
	2005	11.9	11.9	11.9	11.9	11.9	13.6	13.6	6.9	10.9	0.0	16.1	16.1	16.1	16.1	16.1	92.6	92.6	92.6	92.6	92.6
	2006	13.4	11.7	6.8	10.7	0.0	13.4	13.4	6.8	10.7	0.0	15.9	15.9	15.9	15.9	15.9	91.2	91.5	92.1	91.6	93.1
	2007	13.1	13.2	6.8	10.6	0.0	13.1	13.2	6.8	10.6	0.0	15.6	15.7	16.0	15.8	16.5	89.5	90.1	93.0	90.9	96.7
	2008	12.9	13.0	6.9	10.6	0.0	12.9	13.0	6.9	10.6	0.0	15.3	15.4	16.2	15.7	17.1	87.7	88.3	93.8	90.1	100.4
	2009	12.7	12.8	7.0	10.5	0.0	12.7	12.8	7.0	10.5	0.0	15.1	15.2	16.3	15.6	17.7	85.9	86.5	94.5	89.3	104.0
	2010	12.4	12.5	7.1	10.5	0.0	12.4	12.5	7.1	10.5	0.0	15.0	15.1	16.6	15.6	18.3	84.5	85.1	95.4	88.7	107.8
	2011	12.2	12.3	7.2	10.6	0.0	12.2	12.3	7.2	10.6	0.0	15.0	15.0	16.9	15.7	19.0	83.6	84.1	96.6	88.5	111.9
	2012	12.1	12.3	7.3	10.7	0.0	12.1	12.3	7.3	10.7	0.0	15.0	15.1	17.2	15.8	19.8	82.9	83.3	97.7	88.4	115.9
	2013	12.1	12.2	7.5	10.8	0.0	12.1	12.2	7.5	10.8	0.0	15.1	15.1	17.5	16.0	20.5	82.5	82.8	99.0	88.5	120.0
	2014	12.2	12.2	7.6	10.9	0.0	12.2	12.2	7.6	10.9	0.0	15.2	15.2	17.8	16.1	21.2	82.4	82.7	100.5	88.8	124.2
	2015	12.2	12.3	7.7	11.0	0.0	12.2	12.3	7.7	11.0	0.0	15.2	15.3	18.1	16.2	21.9	82.5	82.8	102.1	89.3	128.6
	2016	12.3	12.3	7.8	11.0	0.0	12.3	12.3	7.8	11.0	0.0	15.3	15.3	18.4	16.4	22.5	82.9	83.1	103.9	90.0	133.0
	2017	12.4	12.4	8.0	11.1	0.0	12.4	12.4	8.0	11.1	0.0	15.4	15.4	18.7	16.5	23.2	83.3	83.5	105.6	90.8	137.3
GOA_Sable	2004	15.0	15.0	15.0	15.0	15.0	16.4	16.4	8.4	12.7	0.0	21.1	21.1	21.1	21.1	21.1	78.9	78.9	78.9	78.9	78.9
	2005	15.9	15.9	15.9	15.9	15.9	15.7	15.7	8.0	12.5	0.0	20.8	20.8	20.8	20.8	20.8	76.9	76.9	76.9	76.9	76.9
	2006	14.9	15.1	7.6	12.1	0.0	14.9	14.9	7.6	12.1	0.0	20.1	20.1	20.1	20.1	20.1	75.3	75.3	75.3	75.3	75.3
	2007	13.9	13.9	7.7	11.8	0.0	13.9	13.9	7.7	11.8	0.0	19.4	19.4	20.2	19.7	21.0	73.1	73.0	76.3	74.3	79.7
	2008	13.9	13.9	8.2	12.1	0.0	13.9	13.9	8.2	12.1	0.0	19.6	19.6	21.1	20.2	22.8	72.1	72.0	77.9	74.2	84.6
	2009	14.6	14.6	8.8	12.6	0.0	14.6	14.6	8.8	12.6	0.0	20.3	20.3	22.4	21.0	24.9	73.3	73.2	81.3	76.0	91.2
	2010	15.5	15.5	9.6	13.2	0.0	15.5	15.5	9.6	13.2	0.0	21.1	21.1	23.7	22.0	27.1	76.2	76.2	86.6	79.8	100.1
	2011	16.2	16.2	10.2	13.8	0.0	16.2	16.2	10.2	13.8	0.0	21.8	21.8	24.9	22.9	29.2	78.6	78.5	91.2	83.0	108.5
	2012	16.7	16.7	10.6	14.2	0.0	16.7	16.7	10.6	14.2	0.0	22.2	22.2	25.8	23.6	31.0	80.0	80.0	94.6	85.3	115.4
	2013	17.3	17.3	11.1	14.6	0.0	17.3	17.3	11.1	14.6	0.0	22.7	22.7	26.9	24.3	32.9	82.3	82.3	99.0	88.5	123.9
	2014	17.7	17.7	11.5	14.9	0.0	17.7	17.7	11.5	14.9	0.0	23.0	23.0	27.6	24.8	34.5	83.5	83.4	102.1	90.6	130.6
	2015	17.9	17.9	11.8	15.1	0.0	17.9	17.9	11.8	15.1	0.0	23.2	23.2	28.2	25.2	35.9	84.1	84.1	104.3	92.1	136.3
	2016	18.1	18.1	12.1	15.4	0.0	18.1	18.1	12.1	15.4	0.0	23.5	23.5	28.8	25.6	37.4	85.1	85.1	107.1	93.9	142.9
	2017	18.2	18.2	12.3	15.5	0.0	18.2	18.2	12.3	15.5	0.0	23.5	23.5	29.2	25.9	38.5	85.5	85.5	108.8	95.0	147.9
GOA_Flathead	2004	2.7	2.7	2.7	2.7	2.7	49.0	49.0	26.7	6.7	0.0	61.1	61.1	61.1	61.1	61.1	107.2	107.2	107.2	107.2	107.2
	2005	3.0	3.0	3.0	3.0	3.0	48.0	48.0	26.1	6.6	0.0	59.8	59.8	59.8	59.8	59.8	106.9	106.9	106.9	106.9	106.9
	2006	47.5	3.0	25.8	6.5	0.0	47.5	47.5	25.8	6.5	0.0	59.2	59.2	59.2	59.2	59.2	103.0	108.2	105.7	107.8	108.5
	2007	35.7	47.7	22.4	6.4	0.0	35.7	47.7	22.4	6.4	0.0	44.7	59.6	51.9	58.4	60.6	82.9	105.2	96.0	108.2	112.3
	2008	29.2	36.6	20.4	6.3	0.0	29.2	36.6	20.4	6.3	0.0	36.6	45.8	47.3	58.5	62.6	71.9	85.4	90.1	109.3	116.5
	2009	25.7	30.1	19.1	6.4	0.0	25.7	30.1	19.1	6.4	0.0	32.3	37.8	44.5	59.1	64.9	66.4	74.4	86.8	111.2	121.1
	2010	23.7	26.4	18.3	6.5	0.0	23.7	26.4	18.3	6.5	0.0	29.9	33.2	42.8	59.9	67.2	62.8	67.5	84.1	112.4	124.5
	2011	22.5	24.1	17.8	6.6	0.0	22.5	24.1	17.8	6.6	0.0	28.4	30.4	41.5	60.6	69.2	59.1	61.8	80.7	111.9	126.1
	2012	21.3	22.2	17.2	6.6	0.0	21.3	22.2	17.2	6.6	0.0	26.9	28.0	40.1	60.6	70.5	55.1	56.7	76.8	110.1	126.1
	2013	20.0	20.5	16.4	6.5	0.0	20.0	20.5	16.4	6.5	0.0	25.2	25.8	38.3	59.9	70.8	51.9	52.7	73.1	107.9	125.3
	2014	18.7	19.0	15.7	6.4	0.0	18.7	19.0	15.7	6.4	0.0	23.7	24.1	36.5	58.8	70.5	49.6	50.0	70.1	105.6	124.3
	2015	17.8	18.0	15.0	6.3	0.0	17.8	18.0	15.0	6.3	0.0	22.8	23.0	35.0	57.6	70.0	48.2	48.5	67.9	103.7	123.3
	2016	17.3	17.4	14.5	6.2	0.0	17.3	17.4	14.5	6.2	0.0	22.2	22.3	33.9	56.4	69.3	47.5	47.6	66.3	102.0	122.3
	2017	17.0	17.1	14.2	6.1	0.0	17.0	17.1</													

		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_WP	2004	72.0	72.0	72.0	72.0	72.0	104.8	88.8	54.3	81.1	0.0	151.0	151.0	151.0	151.0	151.0	186.3	186.3	186.3	186.3	186.3
	2005	85.4	85.4	85.4	85.4	85.4	124.9	106.5	65.5	85.8	0.0	158.5	158.5	158.5	158.5	158.5	212.1	212.1	212.1	212.1	212.1
	2006	114.8	85.4	60.2	80.8	0.0	114.8	98.0	60.2	80.8	0.0	149.1	149.1	149.1	149.1	149.1	203.8	206.3	208.5	206.7	213.3
	2007	95.5	89.8	58.5	79.6	0.0	95.5	89.8	58.5	79.6	0.0	140.6	146.7	152.2	147.8	165.1	177.2	187.5	198.9	190.0	224.5
	2008	105.3	100.3	67.2	87.6	0.0	105.3	100.3	67.2	87.6	0.0	154.0	160.4	171.2	163.2	194.0	176.9	187.9	207.7	193.0	250.7
	2009	121.5	117.8	77.2	95.3	0.0	121.5	117.8	77.2	95.3	0.0	167.2	172.8	187.4	177.8	217.0	196.0	207.3	236.4	216.6	298.4
	2010	137.8	134.0	87.9	105.3	0.0	137.8	134.0	87.9	105.3	0.0	181.7	186.8	207.1	195.9	245.6	216.1	227.2	267.5	243.9	350.4
	2011	151.5	147.4	99.0	115.8	0.0	151.5	147.4	99.0	115.8	0.0	195.3	200.5	228.4	214.9	280.6	228.6	239.2	290.9	264.5	395.5
	2012	158.9	155.0	105.8	122.3	0.0	158.9	155.0	105.8	122.3	0.0	201.9	207.2	241.6	226.6	306.9	236.4	246.8	309.7	280.7	438.2
	2013	159.6	155.7	107.3	123.4	0.0	159.6	155.7	107.3	123.4	0.0	201.5	206.4	243.8	228.7	314.6	240.2	250.3	323.1	292.1	474.4
	2014	159.2	155.3	108.2	124.0	0.0	159.2	155.3	108.2	124.0	0.0	200.8	205.5	244.9	230.0	319.9	241.6	251.5	331.4	299.3	500.1
	2015	159.7	155.1	109.4	124.8	0.0	159.7	155.1	109.4	124.8	0.0	200.7	205.2	246.3	231.4	325.0	242.6	252.3	337.0	304.4	519.3
	2016	159.3	154.9	109.4	124.7	0.0	159.3	154.9	109.4	124.7	0.0	199.8	204.4	245.9	231.2	326.8	242.8	252.5	340.5	307.7	533.4
	2017	158.4	154.3	109.3	124.7	0.0	158.4	154.3	109.3	124.7	0.0	199.2	203.7	245.7	231.2	328.4	242.5	252.1	342.4	309.5	543.1
GOA_Nrthms	2004	5.0	5.0	5.0	5.0	5.0	5.4	5.4	2.7	2.6	0.0	6.4	6.4	6.4	6.4	6.4	40.2	40.2	40.2	40.2	40.2
	2005	5.1	5.1	5.1	5.1	5.1	5.1	5.1	2.6	2.5	0.0	6.0	6.0	6.0	6.0	6.0	38.1	38.1	38.1	38.1	38.1
	2006	4.7	4.8	2.4	2.3	0.0	4.7	4.7	2.4	2.3	0.0	5.6	5.6	5.6	5.6	5.6	36.0	36.0	36.0	36.0	36.0
	2007	4.4	4.4	2.3	2.2	0.0	4.4	4.4	2.3	2.2	0.0	5.3	5.3	5.4	5.4	5.6	33.9	33.9	34.9	34.9	35.9
	2008	4.2	4.2	2.2	2.2	0.0	4.2	4.2	2.2	2.2	0.0	5.0	5.0	5.2	5.2	5.5	31.9	31.9	33.7	33.8	35.7
	2009	4.0	4.0	2.2	2.1	0.0	4.0	4.0	2.2	2.1	0.0	4.7	4.7	5.1	5.1	5.5	30.0	30.0	32.6	32.7	35.5
	2010	3.8	3.8	2.1	2.0	0.0	3.8	3.8	2.1	2.0	0.0	4.5	4.5	5.0	5.0	5.5	28.3	28.3	31.6	31.7	35.3
	2011	3.6	3.6	2.1	2.0	0.0	3.6	3.6	2.1	2.0	0.0	4.3	4.3	4.9	4.9	5.5	26.8	26.8	30.7	30.8	35.1
	2012	3.5	3.5	2.1	2.0	0.0	3.5	3.5	2.1	2.0	0.0	4.2	4.2	4.8	4.9	5.6	25.5	25.5	29.8	30.0	35.0
	2013	3.5	3.5	2.1	2.0	0.0	3.5	3.5	2.1	2.0	0.0	4.2	4.2	4.9	4.9	5.7	24.4	24.4	29.2	29.4	35.1
	2014	3.4	3.4	2.1	2.0	0.0	3.4	3.4	2.1	2.0	0.0	4.2	4.2	4.9	5.0	5.9	23.5	23.5	28.7	28.9	35.3
	2015	3.4	3.4	2.1	2.1	0.0	3.4	3.4	2.1	2.1	0.0	4.2	4.2	5.0	5.0	6.0	22.9	22.9	28.5	28.7	35.6
	2016	3.3	3.3	2.2	2.1	0.0	3.3	3.3	2.2	2.1	0.0	4.2	4.2	5.1	5.1	6.2	22.5	22.5	28.4	28.6	36.1
	2017	3.3	3.3	2.2	2.1	0.0	3.3	3.3	2.2	2.1	0.0	4.2	4.2	5.1	5.2	6.4	22.3	22.3	28.5	28.7	36.8
GOA_Pcod	2004	58.6	58.6	58.6	58.6	58.6	81.0	63.8	42.6	58.2	0.0	94.9	94.9	94.9	94.9	94.9	110.9	110.9	110.9	110.9	110.9
	2005	54.0	54.0	54.0	54.0	54.0	78.9	62.2	41.6	56.8	0.0	92.4	92.4	92.4	92.4	92.4	108.9	108.9	108.9	108.9	108.9
	2006	70.1	47.5	37.1	50.5	0.0	70.1	55.4	37.1	50.5	0.0	82.0	82.0	82.0	82.0	82.0	101.9	103.4	104.0	103.2	106.2
	2007	52.6	47.8	33.6	44.1	0.0	52.6	47.8	33.6	44.1	0.0	67.5	72.4	74.7	71.8	82.9	86.7	94.4	98.7	93.7	113.1
	2008	48.6	44.8	34.2	44.7	0.0	48.6	44.8	34.2	44.7	0.0	68.1	73.0	77.8	73.2	91.4	79.5	87.9	96.1	88.2	120.4
	2009	56.8	51.2	39.0	50.1	0.0	56.8	51.2	39.0	50.1	0.0	77.0	81.7	87.8	81.9	105.7	81.8	90.0	100.5	90.4	132.8
	2010	66.3	58.4	43.6	55.3	0.0	66.3	58.4	43.6	55.3	0.0	84.9	89.9	97.5	90.3	120.2	87.4	96.1	109.0	96.9	149.7
	2011	71.9	62.7	46.9	58.9	0.0	71.9	62.7	46.9	58.9	0.0	89.2	95.0	104.4	96.0	132.0	92.0	101.9	117.8	103.6	167.7
	2012	74.6	65.1	49.0	61.2	0.0	74.6	65.1	49.0	61.2	0.0	91.3	98.0	109.2	99.8	141.2	94.9	106.2	125.1	108.9	184.0
	2013	75.7	66.5	50.5	62.7	0.0	75.7	66.5	50.5	62.7	0.0	92.2	99.9	112.4	102.2	148.1	96.2	108.7	130.0	112.4	196.3
	2014	76.3	67.2	51.4	63.5	0.0	76.3	67.2	51.4	63.5	0.0	92.6	100.8	114.3	103.6	153.0	97.0	110.5	133.8	115.0	206.8
	2015	76.8	67.8	52.0	64.1	0.0	76.8	67.8	52.0	64.1	0.0	93.0	101.6	115.7	104.6	156.4	97.9	112.4	137.5	117.4	217.0
	2016	77.1	68.2	52.4	64.5	0.0	77.1	68.2	52.4	64.5	0.0	93.1	102.0	116.6	105.2	158.8	98.4	113.5	139.9	119.0	224.3
	2017	76.8	68.2	52.5	64.6	0.0	76.8	68.2	52.5	64.6	0.0	92.9	101.9	116.9	105.3	160.2	98.5	114.0	141.4	119.9	229.3