

		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