

Monthly Victorian Rock Lobster catch update March 2018

The following three tables are derived from data reported by commercial fishers as part of the phone-based Quota Monitoring System.

Table 1 TACC, landed catch (kg) and uncaught quota from 1 July 2017 to 30 June 2018.

Zone	Quota period	TACC	Landed catch (kg)	Uncaught quota (kg)	% TACC caught	Catch rate (kg/potlift)
East	2017/18	59,000	47,775	11,225	81.0%	0.47
West	2017/18	230,000	223,549	6,451	97.2%	0.78

Table 2 Monthly landed catch for each zone.

Zone	Year	Catch (kg) for each month										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Nov	Dec
East	2004				2,362	2,288	931	2,781	6,791	4,066	3,910	9,776
	2005	8,490	5,280	6,412	3,282	1,762	1,294	2,206	6,304	3,977	2,501	11,205
	2006	10,787	6,794	5,589	510	1,648	745	2,954	5,460	3,907	2,800	10,839
	2007	8,765	8,208	7,453	2,381	2,913	1,015	3,238	5,463	3,571	3,554	10,442
	2008	6,198	5,256	6,076	2,261	1,476	585	3,915	3,805	2,573	1,700	7,381
	2009	6,780	3,887	5,083	2,531	2,241	2,015	2,835	3,427	1,787	2,399	8,909
	2010	7,059	6,889	4,006	2,657	2,265	1,525	6,219	8,253	5,401	4,044	11,499
	2011	10,803	7,025	3,230	3,195	3,298	1,048	5,086	11,278	3,773	5,176	12,691
	2012	11,541	5,076	2,232	3,711	3,025	1,092	5,727	7,590	3,031	5,100	8,031
	2013	5,691	3,475	2,095	2,142	2,968	1,459	5,932	5,970	5,096	2,875	10,470
	2014	7,309	3,571	2,338	3,599	1,768	1,143	7,569	11,760	5,652	4,682	11,649
	2015	4,498	2,339	2,998	3,213	1,880	2,123	8,221	11,638	3,922	3,714	11,640
	2016	7,586	3,376	2,987	2,627	1,390	697	4,783	7,023	4,042	1,994	12,078
	2017	8,637	4,112	4,268	2,531	1,706	1,330	5,871	7,756	2,621	4,399	12,649
2018	6,786	3,935	4,216									
West	2004				45,024	32,783	6,833	12,614	25,058	10,684	33,594	70,023
	2005	74,591	56,195	51,503	42,377	26,642	9,817	9,000	22,404	10,880	28,408	56,309
	2006	80,448	67,773	51,122	18,232	13,564	4,444	10,102	21,613	8,277	24,310	57,969
	2007	58,420	60,874	48,526	35,566	15,459			23,622	12,629	30,250	52,531
	2008	57,486	46,325	45,760	25,440	15,501			9,710	6,870	16,364	42,874
	2009	50,832	38,302	32,925	16,721	12,935	7,380	4,665	8,652	4,403	17,678	40,534
	2010	43,258	36,321	30,794	19,515	17,655	6,789	9,427	11,358	6,447	18,803	36,774
	2011	51,010	32,071	31,007	23,973	11,098	2,857	14,362	22,781	9,452	20,588	46,788
	2012	38,315	36,617	24,814	12,885	6,532	2,587	13,486	17,944	11,377	29,668	50,809
	2013	49,542	33,937	24,786	13,506	9,922	3,471	16,131	14,725	11,695	23,051	47,961
	2014	53,505	42,108	33,359	11,375	5,151	338	13,514	27,796	9,325	18,866	39,416
	2015	35,959	44,462	19,222	13,341	5,214	2,349	7,401	22,587	15,611	14,419	47,935
	2016	40,933	39,996	30,252	9,138	3,089	858	6,435	25,889	10,912	15,819	41,918
	2017	43,708	18,171	22,373	16,607	6,293	1,770	9,566	25,336	9,302	22,729	49,403
2018	38,983	45,405	18,603									

Table 3 Monthly catch rates by zone.

Zone	Year	Catch per unit effort (kg/potlift) for each month										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Nov	Dec
East	2004				0.35	0.39	0.37	0.27	0.39	0.36	0.40	0.56
	2005	0.41	0.39	0.45	0.40	0.24	0.34	0.22	0.37	0.44	0.35	0.55
	2006	0.59	0.44	0.45	0.23	0.48	0.28	0.33	0.26	0.49	0.32	0.52
	2007	0.53	0.51	0.43	0.25	0.48	0.23	0.28	0.33	0.47	0.34	0.49
	2008	0.42	0.45	0.41	0.31	0.26	0.26	0.40	0.37	0.50	0.30	0.49
	2009	0.41	0.43	0.38	0.28	0.41	0.29	0.25	0.27	0.22	0.21	0.46
	2010	0.35	0.45	0.29	0.25	0.33	0.18	0.35	0.52	0.47	0.38	0.47
	2011	0.54	0.46	0.40	0.36	0.35	0.17	0.39	0.45	0.48	0.51	0.59
	2012	0.67	0.40	0.43	0.63	0.40	0.28	0.52	0.71	0.47	0.56	0.58
	2013	0.54	0.48	0.58	0.48	0.46	0.26	0.49	0.52	0.50	0.57	0.66
	2014	0.64	0.59	0.46	0.65	0.41	0.27	0.51	0.63	0.57	0.65	0.79
	2015	0.60	0.43	0.42	0.50	0.42	0.36	0.54	0.67	0.45	0.58	0.61
	2016	0.65	0.50	0.49	0.49	0.26	0.16	0.52	0.35	0.34	0.37	0.61
	2017	0.49	0.60	0.46	0.55	0.37	0.31	0.43	0.47	0.43	0.46	0.63
2018	0.37	0.53	0.37									
West	2004				0.69	0.49	0.33	0.31	0.38	0.30	0.78	0.81
	2005	0.85	0.82	0.73	0.59	0.39	0.27	0.25	0.34	0.31	0.60	0.59
	2006	0.74	0.67	0.53	0.40	0.27	0.16	0.26	0.25	0.26	0.47	0.57
	2007	0.56	0.64	0.54	0.41	0.25			0.28	0.26	0.57	0.49
	2008	0.56	0.52	0.47	0.32	0.25			0.18	0.22	0.40	0.50
	2009	0.51	0.44	0.40	0.25	0.20	0.12	0.18	0.19	0.15	0.40	0.40
	2010	0.45	0.45	0.35	0.30	0.28	0.21	0.22	0.27	0.26	0.49	0.48
	2011	0.59	0.56	0.50	0.40	0.29	0.22	0.36	0.32	0.34	0.57	0.61
	2012	0.64	0.58	0.48	0.40	0.36	0.29	0.33	0.41	0.41	0.71	0.71
	2013	0.69	0.60	0.56	0.42	0.33	0.28	0.41	0.35	0.34	0.58	0.67
	2014	0.68	0.59	0.56	0.44	0.37	0.21	0.34	0.44	0.41	0.62	0.70
	2015	0.66	0.68	0.45	0.49	0.41	0.32	0.28	0.44	0.51	0.61	0.89
	2016	0.77	0.71	0.68	0.50	0.50	0.23	0.33	0.48	0.48	0.60	0.80
	2017	0.83	0.65	0.69	0.68	0.47	0.37	0.40	0.52	0.55	0.79	0.96
2018	0.90	0.98	0.95									

Summary prepared by the Rock Lobster Assessment Program, (Fisheries Management and Science Branch), Victorian Fisheries Authority, Queenscliff.

David Reilly
 Telephone: 03 5258 0250 Email: david.reilly@vfa.vic.gov.au
 Mobile: 0413 387 985