

Monthly Victorian Rock Lobster catch update February 2019

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 2018 to 30 June 2019.

Zone	Quota period	TACC	Landed catch (kg)	Uncaught quota (kg)	% TACC caught	Catch rate (kg/potlift)
East	2018/19	47,000	36,855	10,145	78.4%	0.47
West	2018/19	245,000	220,399	24,601	90.0%	0.87

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	3,791	3,346	2,052	3,812	4,555	1,998	1,684	11,514	
	2019	7,283	6,006										
	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	4,229	869	1,159	9,814	26,921	11,704	26,111	54,928	
2019		55,358	35,562										

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	0.40	0.44	0.30	0.40	0.35	0.33	0.36	0.61
2019	0.47	0.55										
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	0.65	0.51	0.34	0.48	0.59	0.56	0.94	1.15
2019	0.99	0.97										

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

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