





GOFISH-21 AFTER COVID-19 2021 REVIEW

Impact of COVID-19 on recreational fishing

Recaptures of tagged fish are being used as a random sample of the fishing population to get a sense of the impact of COVID-19 on fisher behaviour in recreational fishing in Queensland. Here is the update for 2021 with comparisons to 2019 and 2020.

There are now 3 aspects of behaviour that are being monitored:

- Fisher effort a change in the number of recaptures is likely a reflection of fishing effort as recaptures are correlated to fishing effort
- Fisher travel a change in the distance travelled to go fishing reflects fisher behaviour and that is measured by the distance from the fishers address or postcode to the recapture location as a proxy for travel distance
- Fisher days a change in what day of the week fishing occurs is also a measure of fisher behaviour and related to opportunity

MONITORING LOCATIONS	EFFORT	TRAVEL	WHEN
Statewide (All of Queensland)	V	V	V
South East Queensland estuaries (Sunshine Coast - Gold Coast)	\checkmark	\checkmark	✓
South East Queensland Impoundments (6 Bass impoundments)	V	V	V
Central Queensland impoundment (Lake Cania Bass)	V	✓	V
Central Queensland estuaries (Fitzroy River – Curtis Island)	V	✓	V
Central Queensland impoundment (Lake Awoonga Barramundi)	V	✓	V
North Queensland estuaries (Townsville - Cardwell)	V	✓	V

The Year in review

- Overall there appears to have been a slight reduction in fishing effort with reduced effort in SEQ estuaries while effort in SEQ impoundments remained steady, increased in Cania and rebounded in the Fitzroy after falling in 2020 due to Covid-19 restrictions
- Covid-19 appears to have had minimal impact on recreational fishing this year however border closures limited interstate fishers
- The heavy rain and flooding in late Nov and early Dec appear to have had a bigger influence reducing effort
- Despite a reduction of 13% in recaptures compared to last year the cumulative distance between where they lived and where they went fishing was up 47% (over 52,000km) on last year and even up 11% on 2019 so fishers travelled further to go fishing
- This could account for a reduction in recaptures in SEQ estuaries with fishers from that region travelling further afield rather than fishing locally
- As expected fishing on weekends was higher than during the week except in the Fitzroy
 where staggered work arrangements provide more opportunity to fish during the week

Infofish Australia
January 2022



MEASURE	ACTUAL	GRAPH
QUEENSLAND		STATEWIDE PERSPECTIVE
All of Queensland		Coral Sea
Key observations	Refer to the Year	in Review
Number of recaptures 2021-2019	Dec 2021 65 2020 105 2019 141 21-20 -38% 21-19 -54%	STATEWIDE MONTHLY RECAPTURES 2019-2021 300 310 310 310 310 310 310
Daily recaptures Dec 2021-2020	Daily recaptures Most 2021 9 Most 2020 11	RECAPTURES DEC 2020-21 12 10 8 6 4 2 0 2020 2021 2021
Cumulative recaptures 2021-2019	Cum recaps 2021 1289 2020 1473 2019 1684 21-20 -12% 21-19 -23%	STATEWIDE CUMULATIVE RECAPTURES 2019-2021 1800 181 1800 182 1800 183 1800 184 1800 185 1800 186 1800 187 1800 188 1800 189 1800 180 1800
Modeled estimate of tags at the end of each year and the recapture rate Rate change reflecting effort change	Recapture rate change 21-20 -0.4% 21-19 -1.2% Suggests a slight drop in fishing effort	STATEWIDE ESTIMATED TAGS AND RECAPTURE RATE 100 15000 8.0 6.0 15000 4.0 2019 5000 2020 2020 2020 0 BSTRECAPTURED BSTIMATED TAGS
Interstate recaptures 2021-2019	Interstate	INTERSTATE FISHERS 10 10 10 10 10 10 10 10 10 10 10 10 10

Dots show recaptures by interstate fishers 2021-2019	Interstate 2021 26 2020 28 2019 39 21-20 -7% 21-19 -33%	STATEWIDE CUMULATIVE RECAPTURES 1800 2019-2021 S1 800 S1 8
Distance (km) address or postcode to recapture location 2021-2019	Average distance 2021 129 2020 78 2019 97 21-20 +65% 21-19 +33%	DISTANCE ADDRESS TO RECAPTURE 2019-2021 (KM) 2000 1500 1500 2010 2010 2010 2020 2020 2021
Monthly average distance (km) address or postcode to recapture location 2021-2019	Highest Av dist Aug 2021 211 Aug 2020 175 Oct 2019 167	STATEWIDE AVERAGE DISTANCE ADDRESS TO RECAPTURE LOCATION 2019-2021 250 200 3150 310 310 310 310 310 310 310 310 310 31
Cumulative distance (km) address or postcode to recapture location 2021-2019	Cum dist 2021 162877 2020 110755 2019 147130 21-20 +47% 21-19 +11%	STATEWIDE RECAPTURE CUMULATIVE DISTANCE ADDRESS TO RECAPTURE 2019-2021 180000 180000 120000 20000 0 0 1-jan 1-feb1-Mar 1-Apr 1-May 1-jan 1-jal 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec
Day of the week fishing percentage (%) recapture fishers 2021-2019	2021 Least Mon 10.3% Most Sat 20.9% Sun 21.2%	DAY OF WEEK FISHING 2019-2021 25.0% 20.0% 15.0% 20.0% 20.0% 20.0% 20.0% 20.0% 15.0% 20.0%
Day of the week fishing percentage (%) recapture fishers 2021-2019 combined	2019-21 Least Tue 11.1% Most Sat 19.5% Sun 20.7%	FISHING DAYS 2019-2021 25.0% 20.0% 15.0% 10.0% MON TUE WED THU FRI SAT SUN

MEASURE	ACTUAL	GRAPH
SOUTH EAST QLD	ESTUARIES	REGIONAL PERSPECTIVE
South East Queensland estuaries	Sunshine Coast Brisbane Gold Coast	Sunshine Coast Calcinora Calcinora Gold Coast Gold Coast Burley Burley Burley Burley
SEQ estuaries	Grid maps Noosa River SC22 Maroochy River SC21 Mooloolah River SC20 Bribie PPB Moreton Bay MB01,MB02,MB03 Brisbane River MB05 Coomera River GC22 Nerang River GC23 Tweed River TWR	Overford Cost Caller Address of Costs Caller
Key observations	last year but were o	nd half of the year on par with down in the first half of the late Nov-early Dec due to d flooding.
Number of recaptures 2021-2019	Dec 2021 6 2020 10 2019 23 21-20 -40% 21-19 -74%	SEQ ESTUARIES RECAPTURES 2019-2021 20 20 20 30 30 30 30 30 30 30
Cumulative recaptures 2021-2019	Cum recaps 2021 126 2020 184 2019 209 21-20 -32% 21-19 -40%	CUMULATIVE RECAPTURES SEQ ESTUARIES 250 2019-2021 200 210 210 210 210 210 210 210 210
Modeled estimate of tags at the end of each year and the recapture rate Rate change reflecting effort change	Recapture rate change 21-20 -1.7% 21-19 -5.7% Suggests a slight drop in fishing effort in 2021	SEQ ESTUARIES ESTIMATED TAGS AND RECAPTURE RATE 25.0 1000 800 15.0 200 15.0 201 202 202 202 202 202 202 2

Dots show recaptures by interstate fishers recaptures 2021-2019	Interstate 2021 0 2020 0 2019 2	CUMULATIVE RECAPTURES SEQ ESTUARIES 2019-2021 200 200 2019-2021 200 200 2019-2021 200 200 2019-2021 200 200 2019-2021 200 200 200 200 200 200 200 200 20
Distance (km) address or postcode to recapture location 2021-2019	Recaptures 530 Av dist 2021 17 2020 21 2019 21	DISTANCE ADDRESS TO RECAPTURE 2019-2021(KM) 180 160 140 120 180 180 180 180 180 180 180 180 180 18
Monthly average distance (km) address or postcode to recapture location 2021-2019	Highest Av dist Oct 2021 29 Jul 2020 37 Jan 2019 29	AVERAGE DISTANCE ADDRESS TO RECAPTURE 2019-2021 40 35 W2 25 W2 25 W3 30 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
Cumulative distance (km) address or postcode to recapture location 2021-2019	Cum dist 2021 2056 2020 3501 2019 3565 21-20 -41% 21-19 -42%	SEQ ESTUARIES CUMULATIVE DISTANCE 2019-2021 4000 3000 3000 500 1000 11:Jan 1:Feb1:Mar 1:Apr1:May 1:Jun 1:Jul 1:Aug 1:Sep 1:Oct 1:Nov1:Dec
Day of the week fishing from recaptures 2021-2019 combined	Recaps 345 Least Mon/Wed/Thu 11.6% Most Sat 21.7% Sun 18.3%	SEQ ESTUARIES DAY OF WEEK RECAPTURED 25.0% 20.0% 15.0% 0.0% MON TUE WED THU FRI SAT SUN

MEASURE	ACTUAL	GRAPH
FITZROY RIVER	ESTUARY	REGIONAL PERSPECTIVE
Fitzroy River and tidal delta Rockhampton to Curtis Island	Fitzroy River Casuarina Creek Raglan Creek Inkerman Creek Connor Creek Yellow Patch	Comments Commen
Fitzroy River	Fitzroy River FRR Port Alma PAR Curtis Island CIS	
Key observations	river flow from Jan and then again in reducing recaptur	di season disrupted by minor n-Mar with fewer recaptures Nov-Dec with moderate flow es however were up on last t rebounded after drop in 2020
Number of recaptures 2021-2019	Dec 2021 6 2020 3 2019 8 21-20 +50%	FITZROY RECAPTURES 2019-2021 70 910 100 100 100 100 100 100
River flow and recaptures 2021-2019	1.8 FITZRO 1.6 1.4 (2) 1.2 (3) 1.0 (3) 1.0 (4) 1.0 (5) 1.0 (6) 1.0 (7) 1.0 (8) 1.0 (9) 1.0 (9) 1.0 (10) 1.0 (1	Y RIVER FLOWS AND RECAPTURES 70 60 50 50 50 50 50 50 50 60 50 5
Cumulative recaptures 2021-2019	Recaps 2021 165 2020 141 2019 232 21-20 +17% 21-19 -29%	CUMULATIVE RECAPTURES FITZROY RIVER 2019-2021 250 85 200 15 100 25 100 26 100 27 100 28 100 28 100 29 100 20 1 1 3an 1 Feb 1 Mar 1 Apr 1 May 1 Jun 1 Jul 1 Aug 1 Sep 1 Oct 1 Nov 1 Dec
Modeled estimate of tags at the end of each year and the recapture rate Rate change reflecting effort change	Recapture rate change 21-20 -2.3% 21-19 +1.6% Suggests a slight increase in fishing effort after fall in 2020	FITZROY ESTIMATED TAGS AND RECAPTURE RATE 2000 1800 1400 1400 1200 1200 1200 8.0 400 400 400 400 200 2019 2020 2021 **RECAPTURED **ESTIMATED TAGS

Dots show recaptures		Interstate	FITZROY INTERSTATE RECAPTURES
by interstate fishers	2021	6	2019-2021
2021-2019	2021	2	₩ ₩ ₩ ₩
2021-2019		_	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	2019	8	MM 88 200
			W 50
			1-Jan 1-Feb1-Mar 1-Apr 1-May 1-Jun 1-Jul 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec
			2019
Distance (km) address		Loc Else	FITZROY DISTANCE ADDRESS TO RECAPTURE LOCATION (KM)
or postcode to	% reca	otures	2500
recapture location	2021	66 34	
Local (Loc)	2020	73 27	2000
Elsewhere (Else)	2019	66 34	
2021-2019	Average	e distance	•
	2021	25 416	1500
	2020	24 322	•
	2019	20 428	• T
	Max dis		
	2021	62 1734	
	2021	62 1312	500
	2019	66 2147	
			2019 2020 2021 2019 2020 2021
			AVEDAGE DISTANCE ADDRESS TO DESADTIVE
Average distance (km)		Av dist	AVERAGE DISTANCE ADDRESS TO RECAPTURE LOCATION 2019-2021
address or postcode	2021	155	300
to recapture location	2020	103	\$\begin{align*} \hat{\partial}
2021-2019	2019	161	\$ 220
	21-20	+50%	50
	21-19	-4%	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
			■2019 ■2020 ■2021
Cumulative distance		Cum dist	FITZROY RIVER CUMULATIVE DISTANCE 2019-2021
(km) address or	2021	26488	40000
postcode to recapture	2020	14379	3000
location	2019	34620	₹ 2000 —————————————————————————————————
2021-2019	21-20	+84%	10000
	21-19	-23%	1-Jan 1-Feb1-Mar 1-Apr 1-May 1-Jun 1-Jul 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec
			— 2019 — 2020 — 2021
Day of the week	2021		FITZROY DAY OF WEEK RECAPTURED
fishing from	Least		25.0%
recaptures	Fri	10.9%	15.0%
2021-2019	Most		100%
	Tue	16.0%	5.0%
	Sun	17.9%	0.0%
	Juin	17.1370	MMON TUE WEED THU BERL SAT SUN
Day of the week	Recaps	531	FITZROY DAY OF WEEK RECAPTURED
fishing from	Least		18.0%
recaptures	Wed	11.9%	14.0%
2021-2019 combined		エエ. ブ/0	100%
ZOZI-ZOIS COMBINED	Most	45 40/	8.0%
	Tue	15.4%	4.0%
	Sun	16.9%	0.0%
			MON TUE WED THU FRI SAT SUN

MEASURE	ACTUAL	GRAPH
NORTH QLD	ESTUARIES	REGIONAL PERSPECTIVE
North Queensland Estuaries Townsville to Cardwell	Ross River Bohle River Cattle Creek Herbert River Seymour River Hinchinbrook Channel	Carowell Intelleptors (aland Girmogin National Park Wartersan Inglism Toynsville (cond)
NQ estuaries	Grid maps Cleveland Bay CBT Halifax Bay HBT Rollingstone RST Cattle Creek ICC Ingham ING Hinchinbrook Channel HCC Hinchinbook Island HIC	
Key observations	effort in the Bohle above average 202 recaptures has shif there is a strong co	ne to significant drop in tagging River and a prolonged and 1 wet season. Focus for ted to Hinchinbrook where intingent of visiting fishers in the year. Only 2019 and 2020
Number of recaptures Dec 2021-2019	Dec 2021 0 2020 8 2019 11	NQ ESTUARIES RECAPTURES 2019-2021 35 30 30 30 31 31 32 33 30 31 31 31 31 31 31 31 31 31 31 31 31 31
Cumulative recaptures 2021-2019	Recaps 2021 41 2020 188 2019 155 21-20 -78% 21-19 -74%	NQ ESTUARIES CUMULATIVE RECAPTURES 200 200 2019-2021 200 2019-2021 200 2019-2020 2020 2021
Dots show recaptures by interstate fishers 2021-2019	Interstate 2021 1 2020 2 2019 3	NQ ESTUARIES CUMULATIVE RECAPTURES 200 2019-2021 150 0 1-Jan 1-feb1-Mar 1-Apr 1-May 1-Jun 1-Jul 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec 2019 2020 2020

Average distance (km) address or postcode to recapture location 2021-2019	Recaptures 381	NQ ESTUARIES DISTANCE FISHER'S ADDRESS TO RECAPTURE LOCATION (KM) 2000 1500 500
Distance (km) address or postcode to recapture location 2021-2019 combined	Recaptures 381 Recaps Av dist Local 328 (86%) 9 Elsewhere 53 (14%) 697	NQ ESTUARIES DISTANCE FISHER'S ADDRESS TO RECAPTURE LOCATION (KM) 2019-2021 2500 2000 1500 1500 0 LOCAL CLISEWHERE
Cumulative distance (km) address or postcode to recapture location 2021-2019	Cum dist 2021 12000 2020 13365 2019 12111 21-20 -10% 21-19 -1%	NQ ESTUARIES CUMULATIVE DISTANCE 2019-2021 16000 12000 12000 2000 1-dan 1-feb1-Mar 1-Apr 1-May 1-Jun 1-Jul 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec 2019 2000 2000
Day of the week fishing from recaptures 2020-2019 (only years comparable)	Recaps 387 Least Tue 6.3% Most Thu 21.6% Mon 19.3%	NTH QLD ESTUARIES DAYS FISHED 2019-2020 2019-2020 20.0% 20.0

MEASURE	ACTUAL	GRAPH
SOUTH EAST QLD	FRESHWATER	IMPOUNDMENTS
SEQ impoundments stocked with Australian Bass Golden Perch		Sunshine Coast Lake Somerset LSO1 Brible Island Lake Somerset LSO1 Brible Island SMoreton Bay M2 W2 Brisbane Cold Goast Lake Moogerah LMH Lake Advancetown ADV Lake Marson LMM
Key observations	however tagging ef impoundments lead Slow down in late N	te to exceed previous 2 years fort is up considerably in some ding to increased recaptures. Nov-early Dec due to d flooding with some ling.
SEQ impoundments	Grid maps Somerset LS01 Wivenhoe LWH Moogerah LMH Maroon LMM Advancetown ADV Borumba LBY	LAKE MOOGERAH LAKE MAROON LAKE BORUMBA
Number of recaptures 2021-2019	Dec 2021 13 2020 20 2019 20 21-20 -35% 21-19 -35%	SEQ IMPOUNDMENT RECAPTURES 2019-2021 35 30 30 30 31 30 31 30 31 30 31 30 31 30 31 30 31 30 31 30 31 30 31 30 31 30 31 30 31 31 31 31 31 31 31 31 31 31 31 31 31
Cumulative recaptures 2021-2019	Cum recaps 2021 225 2020 169 2019 158 21-20 +33% 21-19 +42%	CUMULATIVE RECAPTURES IMPOUNDMENTS 250 2019-2021 200 200 2019-2021 2019-2020 2019-2020 2020 2020 2020 2020 2020
Modeled estimate of tags at the end of each year and the recapture rate Rate change reflecting effort change	Recapture rate change 21-20 -0.9% 21-19 -1.4% Suggests little change in fishing effort	SEQ IMPOUNDMENTS ESTIMATED TAGS AND RECAPTURE RATE 6.0 5.0 4.0 98 3.0 200 2019 2020 2021 8% RECAPTURED \$\mathbb{\text{BISTIMATED TAGS}}\$

Dots show recaptures by interstate fishers 2021-2019	Interstate 2021 4 2020 6 2019 3	CUMULATIVE RECAPTURES SEQ IMPOUNDMENTS 200 200 200 200 200 200 200 200 200 20
Distance (km) address or postcode to recapture location 2021-2019	Recaptures 551	DISTANCE ADDRESS TO RECAPTURE 2019-2020 (KM) 1800 1400 1000 800 400 200 301 3020 3020 3020 3021
Average distance (km) address or postcode to recapture location 2021-2019	Highest Av dist Jul 2021 202 Aug 2020 145 Dec 2019 148	AVERAGE DISTANCE ADDRESS TO RECAPTURE 2019-2021 250 250 30 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC 2020 2020 2020 2021
Cumulative distance (km) address or postcode to recapture location 2021-2019	Cumulative dist 2021 13799 2020 9188 2019 7812 21-20 +50% 21-19 +77%	SEQ IMPOUNDMENTS CUMULATIVE DISTANCE 2019-2021 18000 18000 18000 19000
Day of the week fishing from recaptures 2021-2019 combined	Recaps 550 Least 8.4% Most 22.2% Sun 24.5%	SEQ IMPOUNDMENTS DAY OF WEEK RECAPTURED 25.0% 20.0% 15.0% 10.0% MON TUE WED THU FRI SAT SUN

MEASURE	ACTUAL	GRAPH
CENTRAL QLD	FRESHWATER	IMPOUNDMENT
Lake Cania Impoundment near Monto stocked with Bass and Golden Perch	Lake Cania	Dave Catria
Lake Cania	Grid map Lake Cania LCG	
Key observations	over the past 2 year from lockdowns and between address ar	re low there has been an increase rs with 2020 showing little impact d restrictions. The average distance nd recapture location suggests that t local but also not from interstate.
Number of recaptures 2021-2019	Dec 2021 1 2020 4 2019 0	CANIA RECAPTURES 2019-2021 14 12 12 14 12 15 16 16 17 18 19 19 10 10 11 11 12 12 13 10 10 10 10 10 10 10 10 10 10 10 10 10
Cumulative recaptures 2021-2019	Cum recaps 2021 56 2020 36 2019 15 21-20 +53% 21-19 +267%	CUMULATIVE RECAPTURES CANIA 2019-2021 50 28 40 40 40 1-jan 1-feb 1-Mar 1-Apr 1-May 1-jun 1-jul 1-Aug 1-Sep 1-Oct 1-Nov
Modeled estimate of tags at the end of each year and the recapture rate Rate change reflecting effort change	Recapture rate change 21-20 +3.4% 21-19 +4.6% Suggests increase in fishing effort	CANIA BASS ESTIMATED TAGS AND RECAPTURE RATE 7.0 6.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9
Dots show recaptures by interstate fishers 2021-2019	Interstate 2021 0 2020 1 2019 1	INTERSTATE RECAPTURES CANIA 2019-2021 60 50 50 50 60 50 50 60 50 60 50 60 6

Distance (km) address or postcode to recapture location 2021-2019	Av dist 2021 269 2020 222 2019 287 21-20 +21% 21-19 -6%	DISTANCE ADDRESS TO RECAPTURE 2019-2020 (KM) 1200 1000 800 400 200 2019 2020 2021
Average monthly distance (km) address or postcode to recapture location 2021-2019	Highest Av dist Jul 2021 387 Oct 2020 434 Aug 2019 563	AVERAGE DISTANCE ADDRESS TO RECAPTURE 2019-2021 500 WE 400 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC 12019 2020 12020 12021
Cumulative distance (km) address or postcode to recapture location 2021-2019	Cum dist 2021 13977 2020 6444 2019 3724 21-20 +117% 21-19 +275%	CANIA CUMULATIVE DISTANCE 2019-2021 16000 14000 12000 12000 0 8 8000 6000 4000 2000 0 1-Jan 1-Feb1-Mar 1-Arp 1-May 1-Jun 1-Jul 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec
Day of the week fishing from recaptures 2021-2019 combined	Recaps 106 Least Fri 5.7% Most Sat 29.2% Sun 30.2%	CANIA DAY OF WEEK RECAPTURES 35.0% 30.0% 25.0% 20.0% 15.0% 5.0% 0.0% MON TUE WED THU FRI SAT SUN

MEASURE	ACTUAL	GRAPH
CENTRAL QLD	FRESHWATER	IMPOUNDMENT
Lake Awoonga Impoundment near Gladstone stocked with Barramundi	Lake Awoonga	Taragoola Diglum Boynedale
Lake Awoonga	Grid map Lake Awoonga GLA	Diplum:
Key observations	T	rded during Dec. Recaptures in 9 after fall in 2020. Minimal impact
Number of recaptures Dec 2021-2019	Dec 2021 0 2020 1 2019 9	AWOONGA RECAPTURES 2019-2021 12 10 10 10 11 10 11 10 11 10 11
Cumulative recaptures 2021-2019	Recaps 2021 48 2020 34 2019 51 21-20 +41%	CUMULATIVE RECAPTURES AWOONGA 2019-2021 50 20 20 20 20 20 20 20 20 20 20 20 20 20
Cumulative recaptures Dots show recaptures by interstate fishers 2021-2019	Interstate 2021 1 2020 4 2019 2	AWOONGA INTERSTATE RECAPTURES 2019-2021 50 50 13 40 1 Jan 1 Feb 1 Mar 1 Apr 1 May 1 Jun 1 Jul 1 Aug 1 Sep 1 Oct 1 Nov 1 Dec 2019 2020 2021

Average distance (km) address or postcode to recapture location 2021-2019	Recaptures 123	DISTANCE ADDRESS TO RECAPTURE 2019-2021 (KM) 1800 1400 1200 1000 800 600 400 200 0 201 2019 2020 2021
Distance (km) address or postcode to recapture location 2021-2019 combined	Recaptures 123 Recaps Av dist Local 72 (59%) 23 Elsewhere 51 (41%) 430	AWOONGA DISTANCE FISHER'S ADDRESS TO RECAPTURE LOCATION (KM) 2019-2021 1800 1000 1000 1000 1000 1000 1000
Cumulative distance (km) address or postcode to recapture location 2021-2019	Cum dist 2021 9216 2020 9171 2019 5203 21-20 +0.5% 21-19 +77%	AWOONGA CUMULATIVE DISTANCE 2019-2021 1000 9000 8000 7000 8000 134m 14eb14Mar 14pr 14May 13un 13ul 14ug 15ep 1-Oct 14Nov 1-Dec
Day of the week fishing from recaptures 2021-2019 combined	Recaps 135 Least Tue 10.4% Most Fri 17.0% Sun 17.8%	AWOONGA DAY OF WEEK RECAPTURED 2019-2021 18.0% 18.0% 1.00% 1



Product of Infofish Australia



Supported by Suntag



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Data sources

Data used in the GOFISH-21 Crystal Bowl are:

- Tag and recapture records for Queensland from Infofish Suntag database from http://crystalbowl.infofishaustralia.com.au/infofish/f infofish.htm
- Postcodes data from Australia Postcode Location Data at Corra at https://www.corra.com.au/australian-postcode-location-data/

Data analysis

- Modelled estimate of tags at the end of each year based on model outlined in report "Impact of Covid-19 on recreational fishing" available at https://tacklebox.net.au/surveys/
- Distance calculated between address and recapture does not represent the actual distance travelled by road and/or by boat, which is likely to be considerably further, but provides a reasonable estimate for comparison purposes
- Distance between address and recapture location is the straight line distance between the recapture location and their residential address, or town or suburb or centroid of their postcode, whichever is provided and calculated using Google Earth