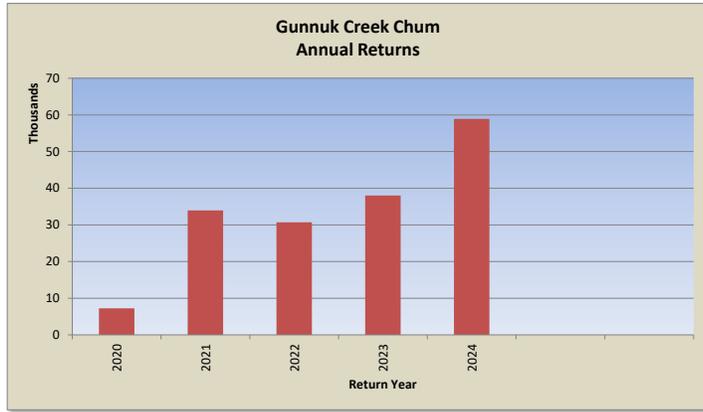


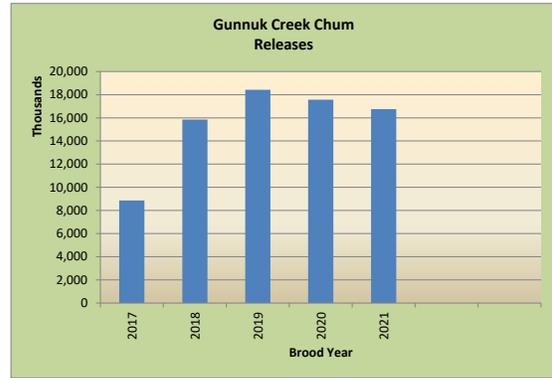
GUNNUK CREEK Chum Returns by Return Year

Project	Return Year	Adult Return
Gunnuk Creek Chum	2020	7,243
Gunnuk Creek Chum	2021	33,946
Gunnuk Creek Chum	2022	30,720
Gunnuk Creek Chum	2023	37,996
Gunnuk Creek Chum	2024	58,904
<b>Total</b>		<b>168,809</b>



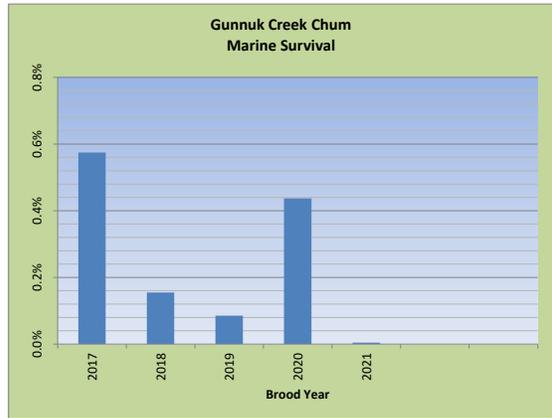
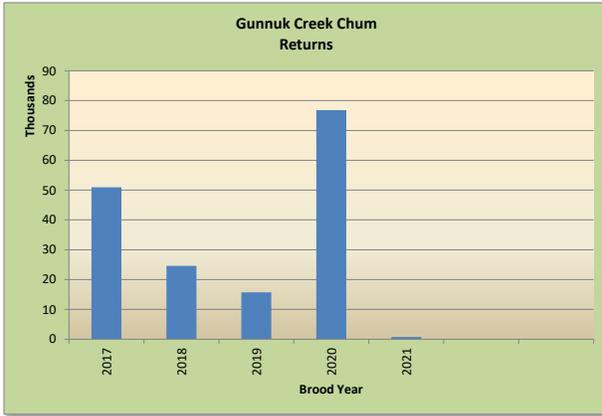
**GUNNUK CREEK Chum Returns by Brood Year & Marine Survival**

Project	Year Brood	Release	Adults	MS	Status
Gunnuk Creek Chum	2017	8,866,586	50,932	0.57%	F
Gunnuk Creek Chum	2018	15,857,078	24,580	0.16%	F
Gunnuk Creek Chum	2019	18,426,597	15,723	0.09%	I
Gunnuk Creek Chum	2020	17,566,539	76,804	0.44%	I
Gunnuk Creek Chum	2021	16,747,099	770	0.00%	I
<b>Total</b>		<b>77,463,899</b>	<b>168,809</b>		



Status: F= Final; F\*= Final except for small 6-year-old return; I= Incomplete adult returns

	Release	Adults	MS
Avg. (BY2017-2019)	15,492,780	33,762	0.25%
5-yr avg (BY2017-2021)	na	na	na
10-yr avg (BY )	na	na	na



**Gunnuk Creek Chum Returns - Age Class Estimates**

Project Gunnuk Creek Chum

Year Brood	Age				Grand Total
	3	4	5	6	
2017	7,243	32,503	10,752	434	50,932
2018	1,443	18,732	4,178	226	24,580
2019	1,236	12,325	2,162		15,723
2020	21,059	55,745			76,804
2021	770				770
<b>Grand Total</b>	<b>30,981</b>	<b>119,305</b>	<b>17,093</b>	<b>660</b>	<b>168,039</b>

	Release	M.S.
	8,866,586	0.57%
	15,857,078	0.16%
Incomplete	18,426,597	0.09%
Incomplete	17,566,539	0.44%
Incomplete	16,747,099	0.00%

Project Sunnuk Creek Chum

Year Brood	Age				Grand Total
	3	4	5	6	
2017	14.2%	63.8%	21.1%	0.9%	100%
2018	5.9%	76.2%	17.0%	0.9%	100%
2019	7.9%	78.4%	13.8%		100%
2020	27.4%	72.6%			100%
2021	100.0%				100%

	Release	M.S.
	8,866,586	0.57%
	15,857,078	0.16%
Incomplete	18,426,597	0.09%
Incomplete	17,566,539	0.44%
Incomplete	16,747,099	0.00%

	10.0%	70.0%	19.1%	0.9%
Complete BY Avg. (BY2017-18)				
5-yr avg (BY2017-21)	na	na	na	na
10-yr avg (BY2017-26)	na	na	na	na

	12,361,832	0.36%
	na	na
	na	na