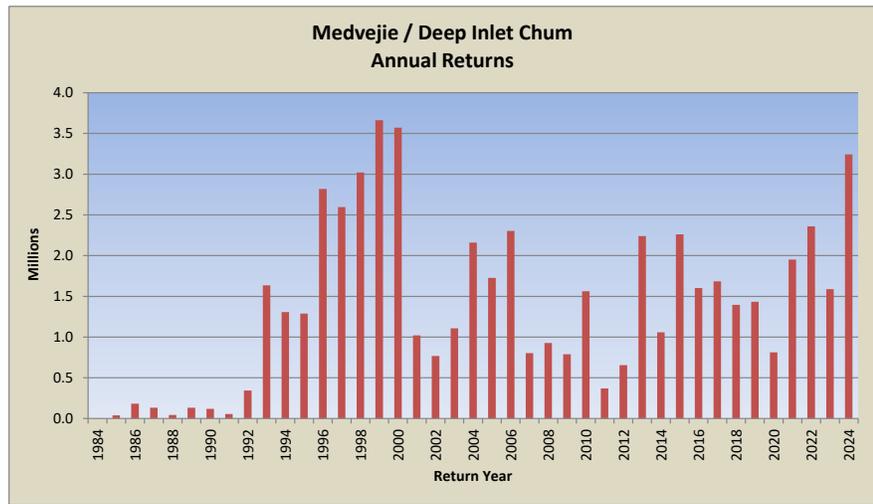


Medvejie Chum Returns by Return Year

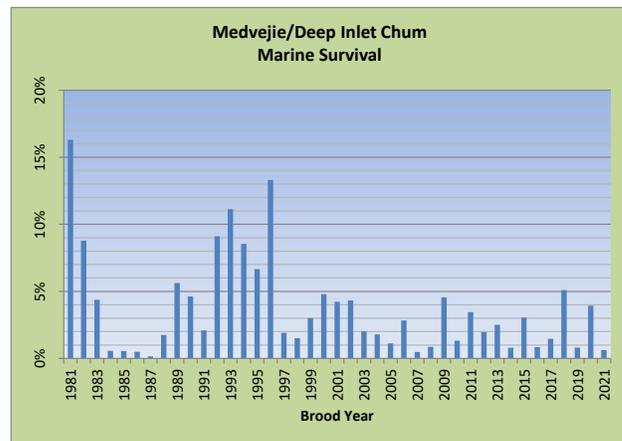
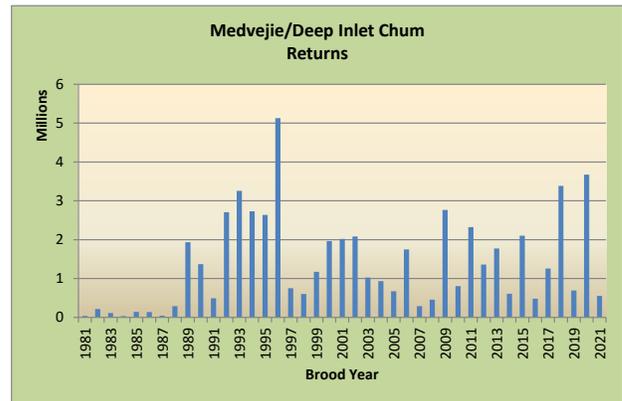
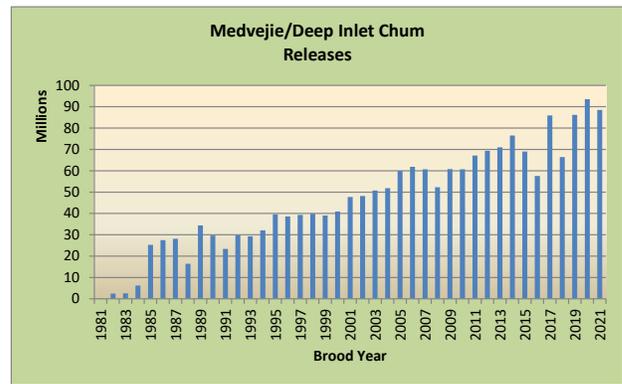
Project	Return Year	Adult Return
Medvejie Chum	1984	1,600
Medvejie Chum	1985	39,300
Medvejie Chum	1986	181,743
Medvejie Chum	1987	132,403
Medvejie Chum	1988	42,510
Medvejie Chum	1989	131,307
Medvejie Chum	1990	118,946
Medvejie Chum	1991	53,962
Medvejie Chum	1992	343,728
Medvejie Chum	1993	1,635,231
Medvejie Chum	1994	1,307,610
Medvejie Chum	1995	1,287,743
Medvejie Chum	1996	2,819,499
Medvejie Chum	1997	2,595,025
Medvejie Chum	1998	3,019,966
Medvejie Chum	1999	3,662,701
Medvejie Chum	2000	3,571,709
Medvejie Chum	2001	1,020,368
Medvejie Chum	2002	768,555
Medvejie Chum	2003	1,107,909
Medvejie Chum	2004	2,161,220
Medvejie Chum	2005	1,725,312
Medvejie Chum	2006	2,303,503
Medvejie Chum	2007	803,582
Medvejie Chum	2008	927,034
Medvejie Chum	2009	787,827
Medvejie Chum	2010	1,562,680
Medvejie Chum	2011	368,683
Medvejie Chum	2012	656,172
Medvejie Chum	2013	2,239,714
Medvejie Chum	2014	1,057,567
Medvejie Chum	2015	2,260,859
Medvejie Chum	2016	1,601,521
Medvejie Chum	2017	1,684,860
Medvejie Chum	2018	1,395,574
Medvejie Chum	2019	1,433,486
Medvejie Chum	2020	812,397
Medvejie Chum	2021	1,951,183
Medvejie Chum	2022	2,359,395
Medvejie Chum	2023	1,588,509
Medvejie Chum	2024	3,244,017
Total		56,766,910



Medvejie Chum Returns by Brood Year & Marine Survival

Project	Year Brood	Release	Adults	MS	Status
Medvejie Chum	1981	223,697	36,437	16.29%	F
Medvejie Chum	1982	2,460,713	216,153	8.78%	F
Medvejie Chum	1983	2,558,282	111,821	4.37%	F
Medvejie Chum	1984	6,232,400	35,396	0.57%	F
Medvejie Chum	1985	25,223,405	139,402	0.55%	F
Medvejie Chum	1986	27,516,200	137,228	0.50%	F
Medvejie Chum	1987	28,140,700	42,677	0.15%	F
Medvejie Chum	1988	16,374,300	287,149	1.75%	F
Medvejie Chum	1989	34,405,100	1,933,343	5.62%	F
Medvejie Chum	1990	29,648,000	1,370,617	4.62%	F
Medvejie Chum	1991	23,354,400	488,368	2.09%	F
Medvejie Chum	1992	29,730,500	2,708,660	9.11%	F
Medvejie Chum	1993	29,264,800	3,258,597	11.13%	F
Medvejie Chum	1994	32,043,800	2,734,032	8.53%	F
Medvejie Chum	1995	39,578,000	2,637,691	6.66%	F
Medvejie Chum	1996	38,575,000	5,132,505	13.31%	F
Medvejie Chum	1997	39,320,000	750,129	1.91%	F
Medvejie Chum	1998	39,840,000	602,766	1.51%	F
Medvejie Chum	1999	39,071,000	1,171,444	3.00%	F
Medvejie Chum	2000	40,925,600	1,963,110	4.80%	F
Medvejie Chum	2001	47,741,800	2,017,267	4.23%	F
Medvejie Chum	2002	48,208,000	2,082,882	4.32%	F
Medvejie Chum	2003	50,795,650	1,025,995	2.02%	F
Medvejie Chum	2004	51,876,900	933,030	1.80%	F
Medvejie Chum	2005	59,967,387	671,885	1.12%	F
Medvejie Chum	2006	61,877,019	1,749,901	2.83%	F
Medvejie Chum	2007	60,718,274	288,580	0.48%	F
Medvejie Chum	2008	52,280,372	455,511	0.87%	F
Medvejie Chum	2009	60,794,478	2,764,153	4.55%	F
Medvejie Chum	2010	60,690,446	806,019	1.33%	F
Medvejie Chum	2011	67,174,164	2,324,209	3.46%	F
Medvejie Chum	2012	69,394,912	1,360,298	1.96%	F
Medvejie Chum	2013	71,017,257	1,775,072	2.50%	F
Medvejie Chum	2014	76,572,581	606,878	0.79%	F
Medvejie Chum	2015	69,045,791	2,103,731	3.05%	F
Medvejie Chum	2016	57,549,945	481,471	0.84%	F
Medvejie Chum	2017	85,953,676	1,255,777	1.46%	F
Medvejie Chum	2018	66,441,776	3,386,436	5.10%	F
Medvejie Chum	2019	86,197,657	692,387	0.80%	I
Medvejie Chum	2020	93,529,663	3,673,179	3.93%	I
Medvejie Chum	2021	88,544,980	554,725	0.63%	I
Total		1,910,858,625	56,766,910		

Status: F= Final; I= Incomplete adult returns



Medveje Chum Returns - Age Class Estimates

Project		Medveje Chum						
Sum of Adult at Age	Age				Grand Total	Release	M.S.	
Year Brood	3	4	5	6				
1981	1,600	24,300	10,537	-	36,437	223,697	16.3%	
1982	15,000	163,568	36,987	598	216,153	2,460,713	8.8%	
1983	7,638	86,263	17,411	509	111,821	2,558,282	4.4%	
1984	9,153	19,856	6,387	-	35,396	6,232,400	0.6%	
1985	4,645	114,502	20,204	51	139,402	25,223,405	0.6%	
1986	9,909	97,624	28,642	1,053	137,228	27,516,200	0.5%	
1987	1,118	21,351	18,588	1,620	42,677	28,140,700	0.2%	
1988	3,918	150,778	125,811	6,642	287,149	16,374,300	1.8%	
1989	173,309	1,409,764	330,359	19,911	1,933,343	34,405,100	5.6%	
1990	98,036	953,743	300,694	18,144	1,370,617	29,648,000	4.6%	
1991	16,866	284,258	183,297	3,947	488,368	23,354,400	2.1%	
1992	682,880	1,744,541	271,206	10,033	2,708,660	29,730,500	9.1%	
1993	873,517	2,085,895	291,292	7,893	3,258,597	29,264,800	11.1%	
1994	233,977	1,870,264	610,702	19,089	2,734,032	32,043,800	8.5%	
1995	848,377	1,625,123	158,387	5,804	2,637,691	39,578,000	6.7%	
1996	1,418,983	3,355,122	353,975	4,425	5,132,505	38,575,000	13.3%	
1997	39,111	553,687	153,826	3,505	750,129	39,320,000	1.9%	
1998	106,902	426,741	66,590	2,533	602,766	39,840,000	1.5%	
1999	183,563	749,814	231,833	6,234	1,171,444	39,071,000	3.0%	
2000	288,000	1,514,633	152,953	7,524	1,963,110	40,925,600	4.8%	
2001	412,221	1,189,912	403,297	11,837	2,017,267	47,741,800	4.2%	
2002	376,213	1,612,539	92,643	1,487	2,082,882	48,208,000	4.3%	
2003	280,143	583,934	157,342	4,576	1,025,995	50,795,650	2.0%	
2004	115,168	674,475	137,310	6,077	933,030	51,876,900	1.8%	
2005	93,730	441,854	134,899	1,402	671,885	59,967,387	1.1%	
2006	204,087	1,385,880	156,412	3,522	1,749,901	61,877,019	2.8%	
2007	35,824	192,170	58,462	2,124	288,580	60,718,274	0.5%	
2008	18,699	275,821	157,490	3,501	455,511	52,280,372	0.9%	
2009	318,367	2,039,102	394,638	12,046	2,764,153	60,794,478	4.5%	
2010	40,998	534,856	221,017	9,148	806,019	60,690,446	1.3%	
2011	124,572	1,688,412	499,993	11,232	2,324,209	67,174,164	3.5%	
2012	339,384	882,225	108,504	30,185	1,360,298	69,394,912	2.0%	
2013	210,155	1,405,872	156,829	2,216	1,775,072	71,017,257	2.5%	
2014	159,252	410,112	37,308	206	606,878	76,572,581	0.8%	
2015	798,448	1,243,649	61,548	86	2,103,731	69,045,791	3.0%	
2016	150,313	295,818	32,708	2,632	481,471	57,549,945	0.8%	
2017	454,825	655,890	141,671	3,391	1,255,777	85,953,676	1.5%	
2018	1,262,499	2,016,053	103,184	4,700	3,386,436	66,441,776	5.10%	
2019	199,039	450,987	42,361	-	692,387	86,197,657	0.80%	
2020	1,030,947	2,642,232	-	-	3,673,179	93,529,663	3.93%	
2021	554,725	-	-	-	554,725	88,544,980	0.63%	
Grand Total	12,196,114	37,873,624	6,467,302	229,889	56,766,910			

Incomplete
Incomplete
Incomplete

Medvejie Chum Returns - Age Class Estimates

Project		Medvejie Chum							5-year Rolling Avg
Sum of Pcnt at Age	Age								
Year Brood	3	4	5	6	Grand Total	Release	M.S.		
1981	4.4%	66.7%	28.9%	0.0%	100%	223,697	16.3%		
1982	6.9%	75.7%	17.1%	0.3%	100%	2,460,713	8.8%		
1983	6.8%	77.1%	15.6%	0.5%	100%	2,558,282	4.4%		
1984	25.9%	56.1%	18.0%	0.0%	100%	6,232,400	0.6%		
1985	3.3%	82.1%	14.5%	0.0%	100%	25,223,405	0.6%	6.1%	
1986	7.2%	71.1%	20.9%	0.8%	100%	27,516,200	0.5%	3.0%	
1987	2.6%	50.0%	43.6%	3.8%	100%	28,140,700	0.2%	1.2%	
1988	1.4%	52.5%	43.8%	2.3%	100%	16,374,300	1.8%	0.7%	
1989	9.0%	72.9%	17.1%	1.0%	100%	34,405,100	5.6%	1.7%	
1990	7.2%	69.6%	21.9%	1.3%	100%	29,648,000	4.6%	2.5%	
1991	3.5%	58.2%	37.5%	0.8%	100%	23,354,400	2.1%	2.8%	
1992	25.2%	64.4%	10.0%	0.4%	100%	29,730,500	9.1%	4.6%	
1993	26.8%	64.0%	8.9%	0.2%	100%	29,264,800	11.1%	6.5%	
1994	8.6%	68.4%	22.3%	0.7%	100%	32,043,800	8.5%	7.1%	
1995	32.2%	61.6%	6.0%	0.2%	100%	39,578,000	6.7%	7.5%	
1996	27.6%	65.4%	6.9%	0.1%	100%	38,575,000	13.3%	9.7%	
1997	5.2%	73.8%	20.5%	0.5%	100%	39,320,000	1.9%	8.3%	
1998	17.7%	70.8%	11.0%	0.4%	100%	39,840,000	1.5%	6.4%	
1999	15.7%	64.0%	19.8%	0.5%	100%	39,071,000	3.0%	5.3%	
2000	14.7%	77.2%	7.8%	0.4%	100%	40,925,600	4.8%	4.9%	
2001	20.4%	59.0%	20.0%	0.6%	100%	47,741,800	4.2%	3.1%	
2002	18.1%	77.4%	4.4%	0.1%	100%	48,208,000	4.3%	3.6%	
2003	27.3%	56.9%	15.3%	0.4%	100%	50,795,650	2.0%	3.7%	
2004	12.3%	72.3%	14.7%	0.7%	100%	51,876,900	1.8%	3.4%	
2005	14.0%	65.8%	20.1%	0.2%	100%	59,967,387	1.1%	2.7%	
2006	11.7%	79.2%	8.9%	0.2%	100%	61,877,019	2.8%	2.4%	
2007	12.4%	66.6%	20.3%	0.7%	100%	60,718,274	0.5%	1.6%	
2008	4.1%	60.6%	34.6%	0.8%	100%	52,280,372	0.9%	1.4%	
2009	11.5%	73.8%	14.3%	0.4%	100%	60,794,478	4.5%	2.0%	
2010	5.1%	66.4%	27.4%	1.1%	100%	60,690,446	1.3%	2.0%	
2011	5.4%	72.6%	21.5%	0.5%	100%	67,174,164	3.5%	2.1%	
2012	24.9%	64.9%	8.0%	2.2%	100%	69,394,912	2.0%	2.4%	
2013	11.8%	79.2%	8.8%	0.1%	100%	71,017,257	2.5%	2.8%	
2014	26.2%	67.6%	6.1%	0.0%	100%	76,572,581	0.8%	2.0%	
2015	38.0%	59.1%	2.9%	0.0%	100%	69,045,791	3.0%	2.4%	
2016	31.2%	61.4%	6.8%	0.5%	100%	57,549,945	0.8%	1.8%	
2017	36.2%	52.2%	11.3%	0.3%	100%	85,953,676	1.5%	1.7%	
2018	37.3%	59.5%	3.0%	0.1%	100%	66,441,776	5.10%	2.2%	
2019	28.7%	65.1%	6.1%		Incomplete	86,197,657	0.80%	2.2%	
2020	28.1%	71.9%			Incomplete	93,529,663	3.93%	2.4%	
2021	100.0%				Incomplete	88,544,980	0.63%	2.4%	

Avg. (BY1981-2017)	16.1%	66.7%	16.5%	0.6%
5-yr avg (BY2013-2017)	33.8%	60.0%	6.0%	0.2%
10-yr avg (BY2008-2017)	22.8%	65.7%	11.0%	0.5%