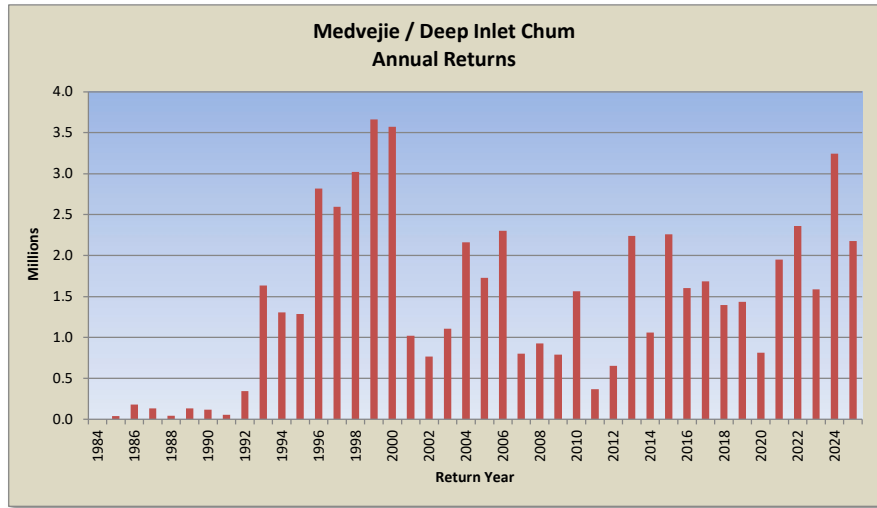


Medveje Chum Returns by Return Year

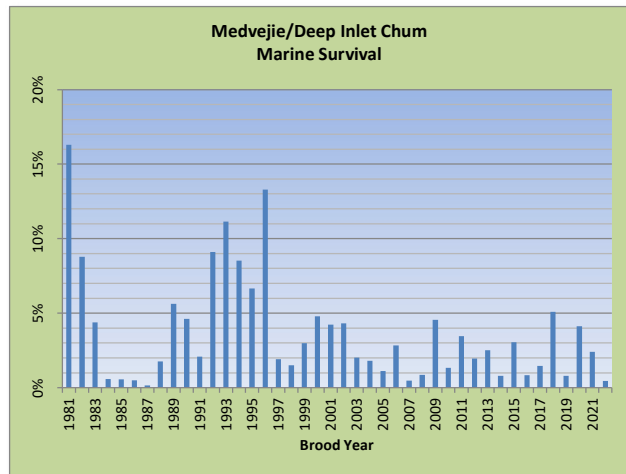
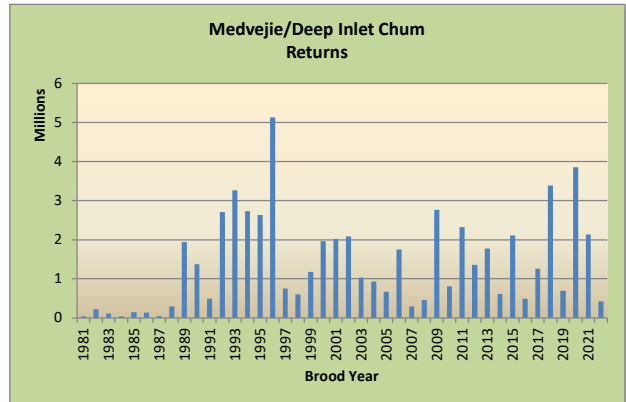
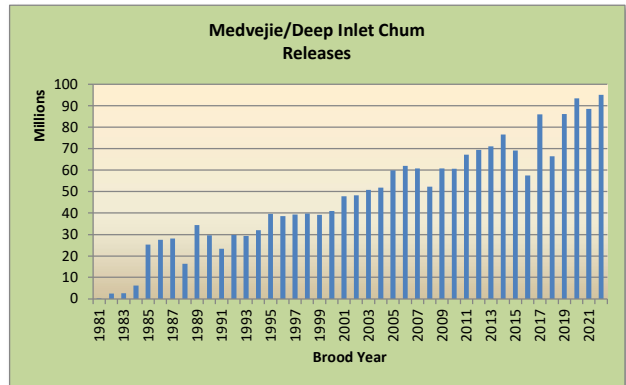
Project	Return Year	Adult Return
Medveje Chum	1984	1,600
Medveje Chum	1985	39,300
Medveje Chum	1986	181,743
Medveje Chum	1987	132,403
Medveje Chum	1988	42,510
Medveje Chum	1989	131,307
Medveje Chum	1990	118,946
Medveje Chum	1991	53,962
Medveje Chum	1992	343,728
Medveje Chum	1993	1,635,231
Medveje Chum	1994	1,307,610
Medveje Chum	1995	1,287,743
Medveje Chum	1996	2,819,499
Medveje Chum	1997	2,595,025
Medveje Chum	1998	3,019,966
Medveje Chum	1999	3,662,701
Medveje Chum	2000	3,571,709
Medveje Chum	2001	1,020,368
Medveje Chum	2002	768,555
Medveje Chum	2003	1,107,909
Medveje Chum	2004	2,161,220
Medveje Chum	2005	1,725,312
Medveje Chum	2006	2,303,503
Medveje Chum	2007	803,582
Medveje Chum	2008	927,034
Medveje Chum	2009	787,827
Medveje Chum	2010	1,562,680
Medveje Chum	2011	368,683
Medveje Chum	2012	656,172
Medveje Chum	2013	2,239,714
Medveje Chum	2014	1,057,567
Medveje Chum	2015	2,260,859
Medveje Chum	2016	1,601,521
Medveje Chum	2017	1,684,860
Medveje Chum	2018	1,395,574
Medveje Chum	2019	1,433,486
Medveje Chum	2020	812,397
Medveje Chum	2021	1,951,183
Medveje Chum	2022	2,359,395
Medveje Chum	2023	1,588,509
Medveje Chum	2024	3,244,017
Medveje Chum	2025	2,178,864
Total		58,945,774



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	695,258	0.81%	F
Medvejie Chum	2020	93,529,663	3,850,641	4.12%	I
Medvejie Chum	2021	88,544,980	2,132,238	2.41%	I
Medvejie Chum	2022	95,046,825	421,017	0.44%	I
Total		2,005,905,450	58,945,774		

Status: F= Final; I= Incomplete adult returns



Medveje Chum Returns - Age Class Estimates

Project	Medveje Chum						Release	M.S.
Sum of Adult at Age	Age							
Year Brood	3	4	5	6	Grand Total			
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	2,871	695,258		86,197,657	0.81%
2020	1,030,947	2,642,232	177,462	-	3,850,641	Incomplete	93,529,663	4.12%
2021	554,725	1,577,514	-	-	2,132,238	Incomplete	88,544,980	2.41%
2022	421,017	-	-	-	421,017	Incomplete	95,046,825	0.44%
Grand Total	12,617,131	39,451,138	6,644,764	232,760	58,945,774			

Medvejie Chum Returns - Age Class Estimates

Project		Medvejie Chum							
Sum of Pcnt at Age	Age								5-year Rolling Avg
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	28.6%	64.9%	6.1%	0.4%	100%	86,197,657	0.81%	2.2%	
2020	26.8%	68.6%	4.6%		Incomplete	93,529,663	4.12%	2.5%	
2021	26.0%	74.0%			Incomplete	88,544,980	2.41%	2.8%	
2022	100.0%				Incomplete	95,046,825	0.44%	2.6%	
Avg. (BY1981-2019)	16.1%	66.7%	16.6%	0.6%					
5-yr avg (BY2015-2019)	34.3%	59.4%	6.0%	0.3%					
10-yr avg (BY2010-2019)	24.5%	64.8%	10.2%	0.5%					