45 Years of Official Manatee Data

Synoptic Survey Counts (not possible some years)

Early Population Estimates

State Abundance Calculations*

Mortality - All Causes

Mortality - Watercraft

Data inclusive 1974 through November 19, 2021

* "***Combining information for monitoring at large spatial scales: First statewide abundance estimate of the Florida manatee***" - Julien Martin, et al

- ***and Updated December 2018***

Manatee Abundance

10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Watercraft Mortality	3	6	10	13	21	24	16	24	20	15	34	33	33	39	43	50	47	53	38	35	49	42	60	54	66	82	78	81	95	72	69	79	92	73	90	97	83	88	82	72	68	87	104	111	119	137	90	92
Total Mortality	7	29	62	114	84	77	63	116	114	81	128	119	122	114	133	168	206	174	163	145	193	201	415	242	232	269	272	325	305	380	276	396	417	317	337	429	766	453	392	830	371	405	520	538	804	607	637	1017
Synoptic (minimum population) Count	255		738									1039						1478	1844			1823	2630	2241	2018	2360	2223	3300	1758	3016	2505	3143	3113	2817		3802	5077			4834	4824	6063	6250	6620	6131	5733		
State Abundance Estimate																																							6305					8810				

1974 1986 1998 2009 2021