

TOTAL MANATEE MORTALITY IN FLORIDA

By Year and Cause 1974–2005

	TOTAL	YEAR																															
		74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	2000	2001	2002	2003	2004	2005
Watercraft Collisions	1386	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	73	69	80
Flood Gate/Canal Lock	185	0	1	4	6	9	8	8	2	3	7	3	3	3	5	7	3	3	9	5	5	16	8	10	8	9	15	8	1	5	3	3	5
Other Human	144	2	1	0	5	1	9	2	4	1	5	1	3	1	2	4	5	4	6	6	6	5	5	0	8	6	8	8	8	9	7	4	8
Perinatal	1199	0	7	14	9	10	9	13	13	14	18	25	23	27	30	30	38	44	53	48	39	46	56	61	61	53	53	58	62	53	72	72	88
Cold Stress	314	0	0	0	0	0	0	0	0	0	0	0	0	12	6	9	14	46	1	0	2	4	0	17	4	9	5	14	31	17	45	49	29
Natural	829	0	1	2	1	3	4	5	9	41	6	24	19	1	10	15	18	21	13	20	22	33	35	101	42	12	37	37	34	59	102	25	77
Undetermined	1667	2	13	32	80	40	23	19	64	35	30	41	38	45	22	25	40	41	39	46	36	40	55	166	65	76	69	69	108	67	78	54	109
TOTAL	5724	7	29	62	114	84	77	63	116	114	81	128	119	122	114	133	168	206	174	163	145	193	201	415	242	231	269	272	325	305	380	276	396

* **Note:** "Perinatal" (Dependent Calf) corresponds to the size class of the manatee recovered and is not a cause of death.
 "Undetermined" includes carcasses that were verified-not recovered, undetermined decomposed, and undetermined, and is not a cause of death.
 For the majority of manatees in the "Undetermined" category, the carcass was too decomposed to determine the cause of death.