

Supplementary material from:

Allen, A. C., Mignucci-Giannoni, A. A., & Kiszka, J. (2024). Conservation challenges and emerging threats to the West Indian manatee (*Trichechus manatus*) in Florida and Puerto Rico. *Latin American Journal of Aquatic Mammals*, 19(1), 32-41. <https://doi.org/10.5597/lajam00324>

Supplementary Material 1. Annual manatee mortality data from Puerto Rico (1980-2022).

Source: CMCC, USFWS, PRDNER

Annual Manatee Mortality Data from Puerto Rico (1980-2022)										
Year	NATURAL				ANTHROPOGENIC					Annual Total
	Dependent Calves/Perinatal	Dystocia	Illness	Other	Watercraft	Captured, Shot, Speared	Entanglement	Pollution	Undetermined	
1980	0	0	0	0	0	0	1	0	3	4
1981	0	0	0	0	1	1	0	0	2	4
1982	0	0	0	0	1	1	0	0	3	5
1983	0	0	0	0	0	1	0	0	1	2
1984	0	0	0	0	1	3	0	0	2	6
1985	2	0	0	0	0	3	0	0	2	7
1986	0	0	0	0	1	0	0	0	0	1
1987	1	0	0	0	0	0	0	0	1	2
1988	0	0	0	0	1	0	0	0	2	3
1989	1	0	0	0	1	1	0	0	0	3
1990	2	0	0	0	2	1	0	0	1	6
1991	2	0	0	0	4	2	0	0	1	9
1992	2	0	1	0	0	1	1	0	0	5
1993	2	0	1	0	0	1	0	0	3	7
1994	1	0	0	0	2	1	0	0	0	4
1995	3	0	0	0	0	1	0	0	0	4
1996	3	0	0	0	2	0	0	0	1	6
1997	1	0	1	0	2	0	0	0	2	6
1998	1	0	1	0	3	0	0	0	2	7
1999	2	0	1	0	1	0	0	1	3	8
2000	1	0	1	0	1	0	0	0	2	5
2001	2	0	2	0	0	0	1	0	3	8
2002	1	0	3	0	0	0	0	0	4	8
2003	3	0	6	0	0	0	0	0	4	13
2004	2	0	1	0	0	0	0	0	5	8
2005	4	0	1	0	2	0	0	0	1	8
2006	2	0	3	0	5	0	0	0	2	12
2007	1	0	1	0	0	0	0	0	4	6
2008	1	0	1	0	2	0	0	0	4	8
2009	1	0	0	0	0	0	0	0	6	7
2010	1	0	3	0	1	0	0	0	5	10
2011	5	0	2	0	0	0	0	0	8	15
2012	2	0	1	0	2	0	0	0	3	8
2013	5	0	2	0	0	0	0	0	9	16
2014	1	0	1	0	2	0	1	0	6	11
2015	1	0	1	0	0	0	0	0	4	6
2016	0	0	2	0	2	0	0	0	6	10
2017	1	0	1	0	0	0	0	0	5	7
2018	2	1	3	0	1	0	0	0	0	7
2019	4	0	1	0	1	0	0	0	2	8
2020	0	0	1	1	3	0	0	0	0	5
2021	0	0	4	1	5	0	0	0	2	12
2022	0	0	1	0	1	0	0	0	8	10
<b>Total</b>	<b>63</b>	<b>1</b>	<b>47</b>	<b>2</b>	<b>50</b>	<b>17</b>	<b>4</b>	<b>1</b>	<b>122</b>	<b>307</b>
<b>Avg./Yr.</b>	<b>1.47</b>	<b>0.02</b>	<b>1.09</b>	<b>0.05</b>	<b>1.16</b>	<b>0.40</b>	<b>0.09</b>	<b>0.02</b>	<b>2.84</b>	<b>7.14</b>
<b>%</b>	<b>20.52%</b>	<b>0.33%</b>	<b>15.31%</b>	<b>0.65%</b>	<b>16.29%</b>	<b>5.54%</b>	<b>1.30%</b>	<b>0.33%</b>	<b>39.74%</b>	

CMCC: Caribbean Manatee Conservation Center  
 USFWS: United States Fish and Wildlife Service  
 PRDNER: Puerto Rico Department of Natural and Environmental Resources