

NUMBERS OF SEA TURTLES RECORDED STRANDED IN TEXAS ANNUALLY FROM 2000–2019

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Years 2000–2009 are before the Deepwater Horizon (DWH) oil spill and years 2010–2019 are after the DWH spill. Tables include strandings recorded in Texas through June 30, 2019 and do not include incidental captures.

During 2010-2019, annual stranding numbers in Texas are 4 times higher than during the 10 previous years, and are 4.5 times higher than in the three northern Gulf states combined.

Table 1. Total number of sea turtles recorded stranded in Texas annually from years 2000–2009 versus years 2010–2019.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Mean
No. of Strandings	410	397	354	228	339	285	324	720	398	511	396.60
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Mean
No. of Strandings	1,043	2,243	509	967	1,711	1,081	689	1,494	4,127	927	1,556.95

Table 2. Total number of sea turtles recorded stranded by Padre Island National Seashore (PAIS) staff and volunteers annually from years 2000–2009 versus years 2010–2019. Numbers do not include sea turtles reported by other agencies that PAIS personnel then responded to, and are low estimates.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Mean
No. of Strandings			30	24	85	73	81	148	94	123	82.25
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Mean
No. of Strandings	257	768	77	180	799	424	142	378	2,238	369	592.84

Table 3. Percent of Texas strandings that Padre Island National Seashore (PAIS) staff and volunteers responded to annually from years 2000–2009 versus years 2010–2019. Numbers do not include sea turtles reported by other agencies that PAIS then responded to, and are low estimates.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Mean
No. of Strandings			8.47	10.53	25.07	25.61	25.00	20.56	23.62	24.07	20.37
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Mean
No. of Strandings	24.64	34.24	15.13	18.61	46.70	39.22	20.61	25.30	54.23	39.81	33.53

Numbers of sea turtles recorded stranded in U.S. Gulf of Mexico States annually from 1998–2019

Tables include strandings reported through August 12, 2019 and do not include incidental captures. Florida Gulf of Mexico sea turtle stranding data for 2018 and 2019 are unavailable, and excluded from the following tables.

Table 4. Total number of sea turtles reported stranded in each U.S. Gulf of Mexico State annually during the past 22 years (1998–2019).

State	Total 1998–2019	Mean
Texas	19,772	898.73
Louisiana	1,669	75.86
Alabama	884	40.18
Mississippi	1,804	82.00
Florida-Gulf	15,742	749.62

Table 5. Total number of sea turtles reported stranded in each U.S. Gulf of Mexico State annually during the past 10 years (2010–2019).

State	Total 2010–2019	Mean
Texas	14,957	1,495.70
Louisiana	1,107	110.70
Alabama	669	66.90
Mississippi	1,573	157.30
Florida-Gulf	9,192	1,021.33

Table 6. Total number of sea turtles reported stranded in each U.S. Gulf of Mexico State annually during the last 10 years for which data are available for all states (2008–2017).

State	Total 2008–2017	Mean
Texas	10,646	1,064.60
Louisiana	1,052	105.20
Alabama	618	61.80
Mississippi	1,477	147.70
Florida-Gulf	10,456	1,045.60