

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

ABSTRACT

Cooperators in Massachusetts surveyed 291 coastal sites in 2023 for the presence of breeding Roseate Terns (*Sterna dougallii*), Common Terns (*Sterna hirundo*), Arctic Terns (*Sterna paradisaea*), Least Terns (*Sternula antillarum*), Black Skimmers (*Rhynchops niger*), and Laughing Gulls (*Larus atricilla*). Approximately 97 sites were occupied by nesting birds. Common Terns, Roseate Terns and Laughing Gulls increased compared to 2022, reaching record highs: Common Terns increased 7.8% to 29,104 pairs, Roseate Terns increased 15.7% to 3,667 pairs and Laughing Gulls 49.1% to 7,751 pairs. Compared to 2022, Least Terns decreased 10.5% to 3,698 pairs, Arctic Terns decreased from 0.5 pairs to no pairs, and Black Skimmers decreased slightly (4.3%) from 23 pairs to 22 pairs. Earliest and median first egg dates across sites were 14 May/ 15 May for Roseate Terns, 11 May/ 22 May for Common Terns, 16 May/ 31 May for Least Terns, 19 May/ 30 May for Black Skimmers, and 20 May/ (n/a) for Laughing Gull.

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February 2025



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INTRODUCTION

Coastal waterbirds are a vulnerable group of species. Of Massachusetts' four nesting tern species, the Common Tern, Least Tern, and Arctic Tern are listed as "Special Concern" pursuant to the Massachusetts Endangered Species Act. The Roseate Tern is listed as "Endangered" pursuant to both the Massachusetts and U.S. Endangered Species Acts.

Terns, Laughing Gulls, and Black Skimmers in Massachusetts are protected and monitored by an extensive network of cooperators throughout the state. These cooperators provide census data and other reproductive information to the Massachusetts Division of Fisheries & Wildlife (MassWildlife). This allows wildlife managers to determine abundance and status of, and threats to, these species.

This report summarizes data on distribution, abundance, and productivity of terns, Laughing Gulls, and Black Skimmers in Massachusetts during the 2023 nesting season.

METHODS

Sites Surveyed: Cooperators are asked to survey all sites at which terns, Laughing Gulls, and Black Skimmers have been known to nest. Some cooperators also survey additional sites with no history of nesting by these species. Any new nesting sites are reported.

Timing of Census: Depending upon species, one to three censuses are conducted and reported.

- A "pre-A-count" is any count occurring prior to 5 June. A pre-A-count may be reported but is not required for any species. Pre-A-counts do not contribute to overall census numbers (to avoid double-counting the same birds that may nest later during the peak of the season), but do document use of the site.
- The "A-period count" (or "peak season" count) is conducted between 5 and 20 June. Laughing Gulls, Black Skimmers, and all tern species are censused during the A-period. For Roseate and Common Terns, the count is ideally conducted as closely as possible to the first hatch. Laughing Gull and Black Skimmer counts are timed to be coincident with Common Tern counts, and Arctic Tern counts with counts of any sympatric nesting seabird species. Least Tern colonies ideally are visited multiple times during the A-period window, and maximum estimates are reported.
- The "B-period count" (or "post-peak" count) is conducted after 20 June. B-counts are not required for Common Terns or Laughing Gulls. If conducted for Roseate Terns, the B-count is timed 25 days after the A-count. For Arctic Terns and Black Skimmers, which nest in very low numbers in the state, any additional pairs that appear after 20 June are reported. A B-count for Least Terns is not necessary unless there is a significant change in numbers from the A-count, or a site that was not used during the A-period window was used after 20 June. Because Least Terns frequently shift among sites in response to disturbance, B-counts do not contribute to overall census numbers (to avoid double-counting the same birds counted in the A-period); however, the B-count does document use of the site.

Survey Method: Observers are asked to classify their survey method as one of the following: Nest Count, Partial/Extrapolated Nest Count, Incubation Count, or Adult Count. All counts are expressed as "number of pairs". Nests must contain at least one egg to be counted unless it is obvious that chicks have already hatched. Empty scrapes and abandoned nests are not counted unless they are known to have been active during the census window. Adults are only counted if it appears that they are nesting at a site; birds that are not suspected to be nesting at a site (e.g., resting or feeding birds) are not counted as nesting pairs. The number of breeding adults present (i.e., in the nesting area, not loafing on the shoreline) is multiplied by MassWildlife's long-standing correction factor of 0.8 to arrive at the number of pairs.

Survey Quality and Productivity Estimate: Observers are asked to rate the quality of their survey as Low Confidence, Reasonable Confidence, or High Confidence. Observers also provide a qualitative assessment of productivity for each colony: none, poor, fair, good, or excellent. In a few cases, typically for Roseate and Common Terns at large colonies where detailed monitoring occurs, quantitative estimates of productivity (e.g., fledglings/nest) are provided.

Data Reporting and Quality Control: Most observers enter data into the Tern Online Data Entry System (TERNODES); a few others complete a standard “Massachusetts Tern Census Form”. Data requested include: monitoring effort; management and research actions/needs; dates of pre-A-, A-, and B-counts; number of pairs observed during counts; survey method; quality of survey; qualitative and quantitative productivity estimates; number of fledglings; method of determining productivity; dates of first adults observed, first eggs laid, first eggs hatched, first young fledged, and last young observed; comments; and other site uses. Maps delineating the nesting areas are submitted. All data are reviewed by MassWildlife. If necessary, observers are contacted to obtain missing data and clarify ambiguities. When the needed information could not be obtained, best professional judgment was used to assign final values or data were noted as preliminary in Appendix A.

In order to be tallied in the statewide A-period total in the absence of eggs or chicks being detected, birds must have been territorial and/or engaged in courtship/copulation over an extended period of time or making nest scrapes in appropriate nesting habitat. If birds exhibiting these behaviors were suspected of being associated with nearby colonies, or if they were solely exhibiting these behaviors in non-nesting habitat (e.g., intertidal areas), they are not tallied in the statewide A-period total to avoid double-counting. Nesting may be presumed at a few sites where adult birds appear attached to the site but the nesting area is difficult to access (e.g., artificial structures, salt marsh) and there is a consistent history of nesting.

Notes on Chronology: “Date first adults observed” is not synonymous with date adults arrive on site because adults may not be observed when they first arrived: frequency of site visits prior to egg-laying is relatively low and attendance of birds at colony sites early in the nesting season is sporadic. Similarly, “Last date young observed” is not synonymous with last fledgling departure date: the date the last fledgling departs may be missed (e.g., due to low frequency of monitoring late in the season); fledglings at the site may not have hatched there (e.g., some may just be staging); and, in some colonies, no young survive to fledge (i.e., the date could refer to the last date that live, unfledged chicks were seen). Clarification of terminology in TERNODES in the future will help to reduce ambiguities.

When dates were reported as a range, the median of the date range was used in calculations if the range spanned five days or fewer. Ranges spanning greater than five days were excluded from analyses. Median dates refer to the among-colony values (i.e., the median of the “first” or “last” dates reported for different colonies), not the within-colony median dates for individual birds or nests.

RESULTS AND DISCUSSION

In 2023, 291 sites were surveyed for nesting terns, Laughing Gulls, and Black Skimmers. Approximately 97 sites were occupied by nesting birds of one or more of these species (**Appendix A**).

Nesting Chronology

Timing of nesting season events is shown in **Table 1** and **Fig. 1**.

Table 1. Nesting chronology for terns, Black Skimmers, and Laughing Gulls in Massachusetts in 2023.

2023		Roseate Tern	Common Tern	Arctic Tern	Least Tern	Black Skimmer	Laughing Gull
Date first adults observed	Earliest date (site)	26-Apr (Ram I., Mattapoissett)	26-Apr (Ram I., Mattapoissett)	n/a	6-May (Barney's Joy/Little Beach, Dartmouth)	2-May (Little Beach / Eel Pd., Edgartown)	14-Apr (S. Monomoy I., Chatham)
	Median ^a (n) ^b	13-May (7)	21-May (24)	n/a	19-May (107)	7-May (2)	n/a ^c
Date first eggs laid	Earliest date (site)	14-May (Ram I., Mattapoissett)	11-May (Ram I., Mattapoissett)	n/a	16-May (Tuckernuck I. - Bigelow's Point, Nantucket)	19-May (Little Beach / Eel Pd., Edgartown)	20-May (S. Monomoy I., Chatham)
	Median (n)	15-May (4)	22-May (12)	n/a	31-May (83)	30-May (2)	n/a
Date first chicks hatched	Earliest date (site)	6-Jun (Ram I., Mattapoissett)	2-Jun (Ram I., Mattapoissett)	n/a	11-Jun (Mink Meadows, Tisbury)	12-Jun (Little Beach / Eel Pd., Edgartown)	16-Jun (S. Monomoy I., Chatham)
	Median (n)	7-Jun (4)	10-Jun (8)	n/a	23-Jun (61)	22-Jun (2)	n/a
Last date young observed	Latest date (site)	31-Aug (Bird I., Marion)	31-Aug (Bird I., Marion)	n/a	8-Sep (Armstrong Beach, Provincetown)	6-Aug (Little Beach / Eel Pd., Edgartown)	nd ^d
	Median (n)	20-Aug (2)	28-Aug (3)	n/a	10-Aug (55)	5-Aug (2)	n/a

^a Median dates refer to the among-site values (i.e., the median of the “first” or “last” dates reported for different colonies), not the within-colony median dates for individual birds or nests. For colonies reporting a date range of ≤5 days (instead of a single value), the median value for the range was used in analyses; ranges >5 days were not used in analyses.

^b n – number of colonies

^c n/a – not applicable (used if species nested in a single colony or if no hatching occurred)

^d nd – no data



Figure 1. Key tern, Black Skimmer, and Laughing Gull nesting dates, 2016 – 2023. “First egg” and “first hatch” indicate the earliest egg laying and hatching dates reported statewide. Median dates refer to the among-colony values (i.e., the median of the “first” dates reported for different colonies), not the within-colony median dates for individual birds or nests. For colonies for which a date range of ≤ 5 days (instead of a single value) was reported, the median value for the range was used in analyses; ranges > 5 days were not used in analyses.

Abundance and Distribution

Roseate Tern

Summary, 2023

Number of nesting sites:	5
Number of pairs, A-period:	3667
% change in number of pairs from 2022:	15.7
3 largest sites, percent of total A-period pairs:	98.4
Average number of A-period pairs, 1985 - present (range)	1786 (1269 - 3667)

Roseate Terns reached a record high number of pairs in 2023. **Table 2** provides site-specific data for all sites where Roseate Tern nesting was confirmed.

Table 2. Abundance and productivity of Roseate Terns at nesting sites in Massachusetts, 2023.

Site	No. pairs, A-period (2023)	Productivity (2023)	No. pairs, A-period (2022)	Notes (2023)
Bird Island, Marion	1956	1.07 fl/nest	2031	
Ram Island, Mattapoisett	1584	1.37 fl/nest	934	
Norton Point, Edgartown	69	0	0	ROST courting and attached to site for extended period of time, no eggs detected.
South Monomoy Island, Chatham	40	0.7 fl/pair	18	
Penikese Island, Gosnold	18	1.34 fl/nest	38	

Since 1985, Roseate numbers in the state have fluctuated, but the overall trend during 2013 – 2023 is strongly increasing (**Fig. 2**).

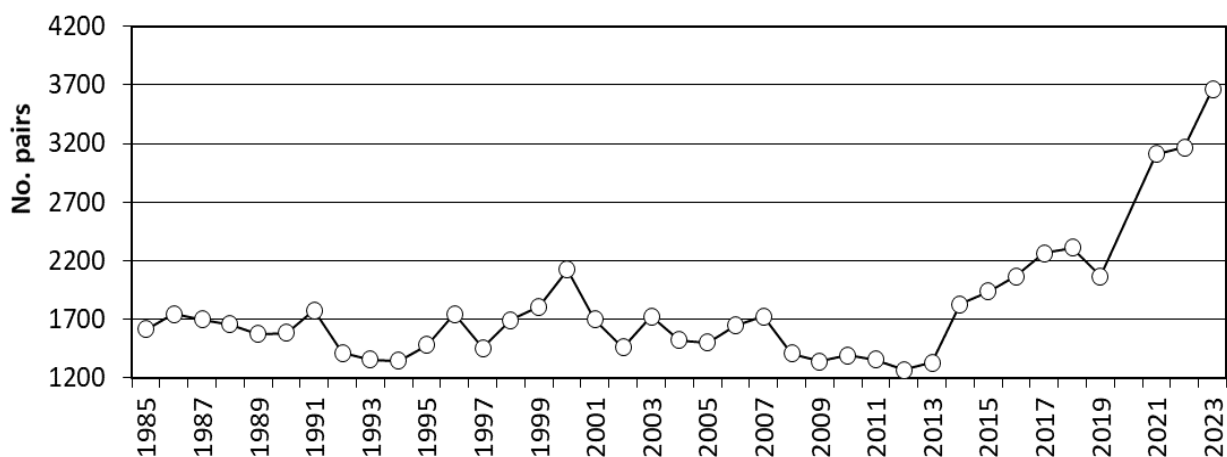


Figure 2. Number of nesting Roseate Tern pairs in Massachusetts, 1985 – 2023.

*Common Tern***Summary, 2023**

Number of nesting sites:	30
Number of pairs, A-period:	29104
% change in number of pairs from 2022:	7.8
10 largest sites, percent of total A-period pairs:	99.3
3 largest sites, percent of total A-period pairs:	91.4
Average number of A-period pairs, 1985 - present (range)	14378 (6483 - 29104)

Common Terns reached a record high 29,104 pairs in 2023. **Table 3** provides site-specific data for the largest Common Tern nesting sites in 2023.

Table 3. *Abundance and productivity of Common Terns at the 10 largest nesting sites in Massachusetts, 2023.*

Site	No. pairs, A-period (2023)	No. pairs, B-period (2023)	Productivity (2023)	No. pairs, A-period (2022)
South Monomoy Island, Chatham	19875	-	1.36 fl/nest	18026
Ram Island, Mattapoisett	3650	-	1.05 fl/nest	3097
Bird Island, Marion	3085	-	0.8 fl/nest	2754
Penikese Island, Gosnold	1621	-	1.89 fl/nest	1621
Little Beach / Eel Pd., Edgartown	274	-	0	285
Eel Point, Nantucket	112	1	0	22
General Edwards Bridge, Rte 1A, Revere-Lynn	94	-	no data	102
Muskeget Island, Nantucket	77	-	0	480
Central Square, East Boston	67	-	no data	42
Haystack Island, Edgartown	61	2	0	48

Common Tern numbers rose rapidly in Massachusetts during 1982 – 2003, slowed or leveled off during 2004 – 2016, and increased more rapidly during 2017 – 2023 (**Fig. 3**).

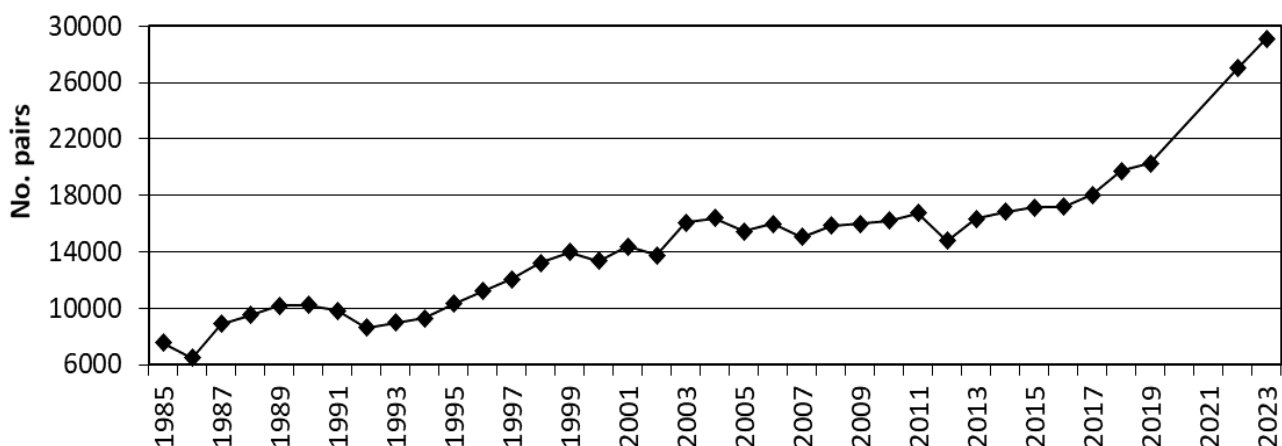


Figure 3. Number of nesting Common Tern pairs in Massachusetts, 1985 – 2023.

Arctic Tern

Summary, 2023

Number of nesting sites:	0
Number of pairs, A-period:	0
% change in number of pairs from 2022:	-100
Additional pairs, B-period:	0
Average number of A-period pairs, 1985 - present (range)	6 (0 - 29)

No nesting Arctic Terns were detected in 2023. Since 1985, there has been an overall downward trend in abundance of this very rare, range-edge species, which has now disappeared as a nester in MA, at least temporarily (**Fig. 4**).

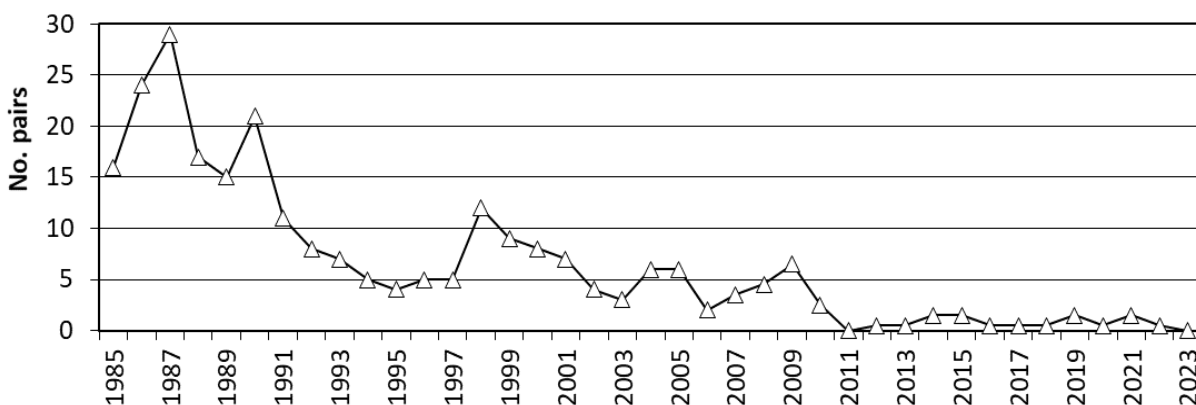


Figure 4. Number of nesting Arctic Tern pairs in Massachusetts, 1985 – 2023.

*Least Tern***Summary, 2023**

Number of nesting sites:	75
Number of pairs, A-period:	3698
% change in number of pairs from 2022:	-10.5
10 largest sites, percent of total A-period pairs:	62.6
3 largest sites, percent of total A-period pairs:	36.6
Average number of A-period pairs, 1985 - present (range)	3139 (2109 - 5385)

Least Terns decreased 10.5% to 3,698 pairs. **Table 4** provides site-specific data for the largest sites.

Table 4. *Abundance and productivity of Least Terns at the 10 largest A- or B-period nesting sites in Massachusetts, 2023. Multiple productivity estimates for a site may represent values for multiple colonies or the upper and lower bounds of a range in estimates.*

Site	No. pairs, A-period (2023)	No. pairs, B-period (2023)	Productivity (2023)	No. pairs, A-period (2022)
South Monomoy Island, Chatham	611	-	poor, fair, good	595
Norton Point, Edgartown	391	325	0, poor, excellent	0
Duxbury Beach, Duxbury	353	27	poor, fair, excellent	316
Barney's Joy/Little Beach, Dartmouth	200	45	0	192
Little Beach / Eel Pd., Edgartown	182	19	poor	417
Dead Neck Sampsons Island, Barnstable	152	64	poor	160
Crane Beach, Ipswich	137	-	fair	293
Horseneck Beach, Westport	106	96	0, poor	77
Newbury Town Beach, Newbury	92	174	good	28
Seagull Beach, Yarmouth	91	22	poor	69

The overall trend in Least Tern numbers since 1985 has been positive, but there has been considerable volatility in the numbers (**Fig. 5**); some of this may reflect the difficulties inherent in estimating Least Tern abundance as well as presumed shifting of birds among states.

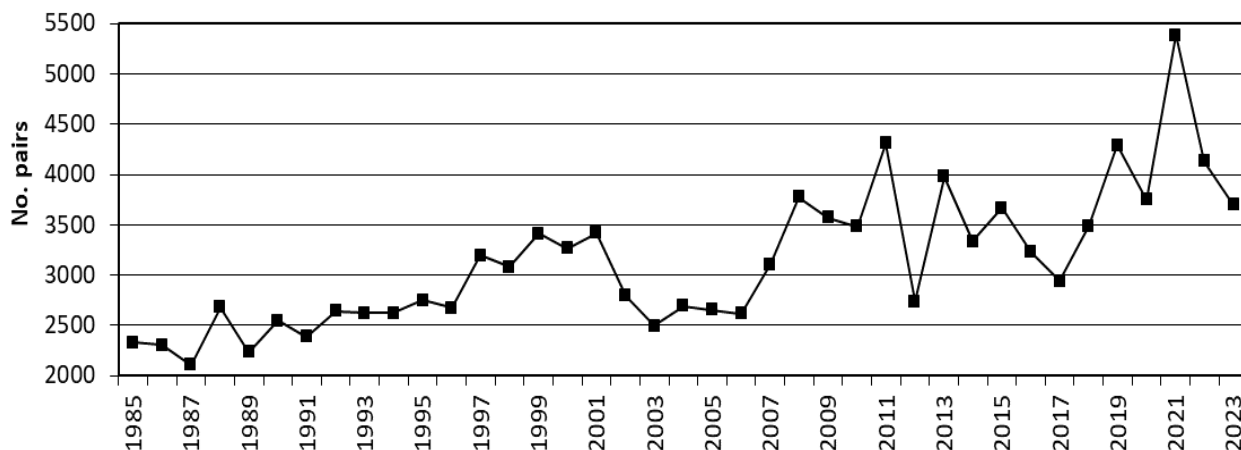


Figure 5. Number of nesting Least Tern pairs in Massachusetts, 1985 – 2023.

Black Skimmer

Summary, 2023

Number of nesting sites:	2
Number of pairs, A-period:	22
% change in number of pairs from 2022:	-4.3
Additional pairs, B-period:	0
Average number of A-period pairs, 1985 - present (range)	6 (0 - 23)

Black Skimmers showed a slight decrease from 23 pairs in 2022 to 22 pairs. Skimmers were only present at two sites (compared to four in 2022). As in 2022, most were concentrated at Little Beach/Eel Pond, Edgartown (**Table 5**).

Table 5. Abundance and productivity of Black Skimmers in Massachusetts, 2023.

Site	No. pairs, A-period (2023)	No. pairs, B-period (2023)	Productivity (2023)	No. pairs, A-period (2022)
Little Beach / Eel Pd., Edgartown	21	0	excellent	22
Norton Point, Edgartown	1	0	excellent	0

Black Skimmers, which are at the northern end of their breeding range in Massachusetts, show an increasing trend since 2014 (**Fig. 6**).

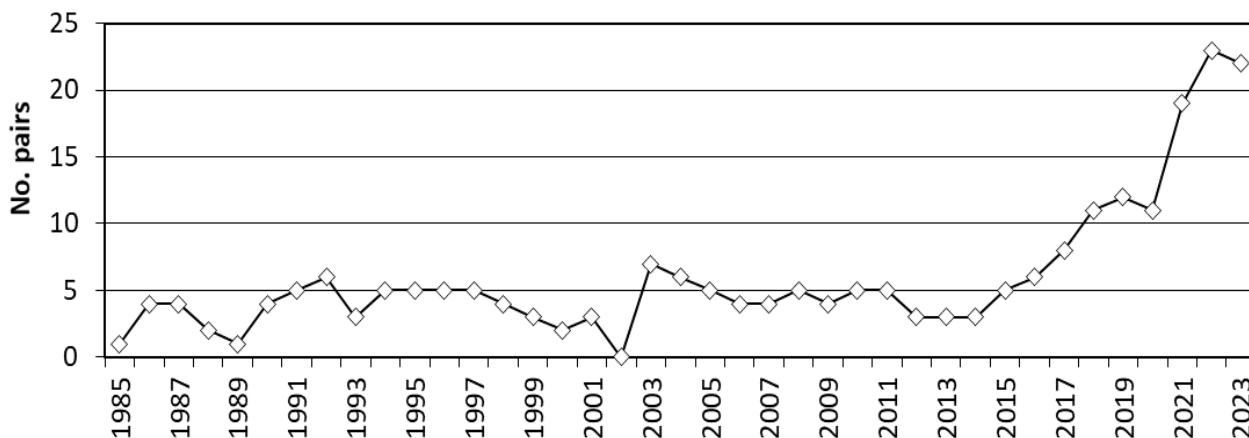


Figure 6. Number of nesting Black Skimmer pairs in Massachusetts, 1985 – 2023.

Laughing Gull

Summary, 2023

Number of nesting sites:	1
Number of pairs, A-period:	7751
% change in number of pairs from 2022:	49.1
Average number of A-period pairs, 1985 - present (range)	1705 (542 - 7751)

The major Laughing Gull colony at South Monomoy I., Chatham reached a new record high of 7,751 pairs, an increase of 49.1% over 2022 numbers. This year, there were no Laughing Gulls at Muskeget Island (where courting birds were observed in 2022). **Table 6** provides additional detail.

Table 6. Abundance and productivity of Laughing Gulls in Massachusetts, 2023.

Site	No. pairs, A-period (2023)	No. pairs, B-period (2023)	Productivity (2023)	No. pairs, A-period (2022)
South Monomoy Island, Chatham	7751	-	good	5200

Laughing Gulls have been increasing rapidly since 1998, with the rate accelerating since 2012 (**Fig. 7**). Because Laughing Gulls compete with Common and Roseate Terns for space and resources and are predators of terns, population monitoring is very important.

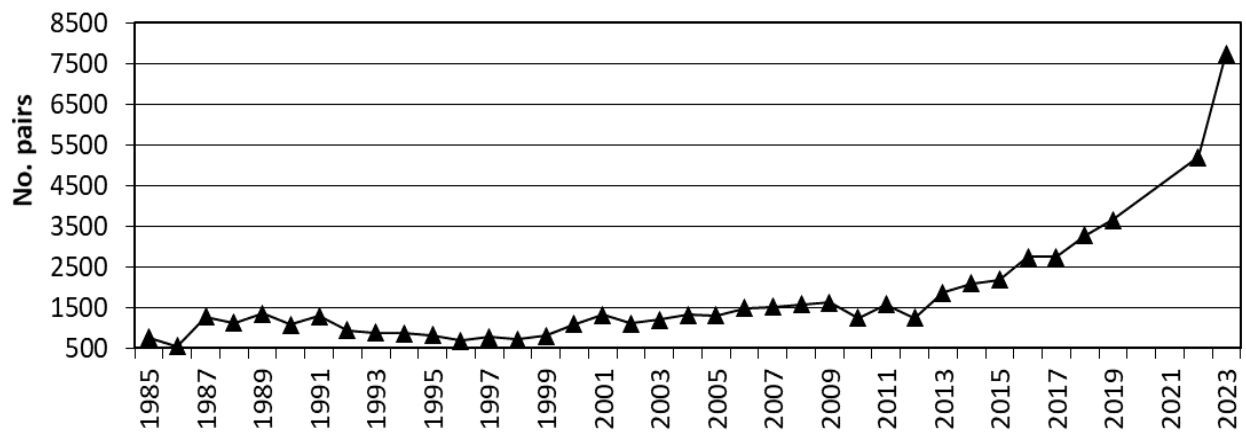


Figure 7. Number of nesting Laughing Gull pairs in Massachusetts, 1985 – 2023.

ACKNOWLEDGEMENTS

We thank dozens of cooperators who worked at these sites and collected and submitted data for this report.

Appendix A. Numbers of pairs and productivity of terns, Laughing Gulls, and Black Skimmers nesting in Massachusetts in 2023. All sites were censused unless noted as “ND” (no data). Data in parentheses () refer to B-period (post-peak) counts. Data in brackets [] were collected prior to the A-period census window. Multiple productivity estimates for a site may represent values for multiple colonies or the upper and lower bounds of a range in estimates. An asterisk (*) indicates that the Notes column should be consulted for more information.

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
NORTH SHORE																				
Bagwell Island, Ipswich	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA
Blackwater River Group, Salisbury	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA
Cape Hedge, Gloucester	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Central Square, East Boston	[ND] 0 (ND)			67	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				Zendeh
Chaces Island, Newbury	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				USFWS
Chelsea Creek, East Boston- Chelsea	[ND] 0 (ND)			18	E		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				Zendeh
Clubhead Creek, Rowley	[ND] 0 (ND)			[ND] 2 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA
Constitution Beach, Boston	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Crane Beach, Ipswich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			137	N	F	[0] 0 (0)			[0] 0 (0)				TTOR
General Edwards Bridge, Rte 1A, Revere-Lynn	[ND] 0 (ND)			94	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				Zendeh
Georges Island, Boston	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Good Harbor Beach, Gloucester	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Ipswich Salt Marshes, Ips- wich	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Jeffrey's Point, East Boston	[ND] 0 (ND)			2	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				Zendeh
KLM St. Bathhouse, Boston	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Lords Island, Ipswich	[ND] 0 (ND)			6	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA
Lovell's Beach, Boston	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			11 (0)	AI (A)	0	[0] 0 (0)			[0] 0 (0)				MAS
Mystic River Bridge, Som- merville-Everett	[ND] 0 (ND)			16	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				Zendeh
Newbury Town Beach , Newbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			92 (174)	AI (AI)	G	[0] 0 (0)			[0] 0 (0)				MAS
Newburyport , New- buryport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			52 (20)	AI (AI)	P	[0] 0 (0)			[0] 0 (0)				MAS
Parker River NWR, New- bury/Rowley	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			43	A	P	[0] 0 (0)			[0] 0 (0)				USFWS
Plum Island River Group, Newbury	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				USFWS
Rainsford Island, Boston	[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)				MAS
Revere Beach-South, Re- vere	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			(1)	(N)	0	[0] 0 (0)			[0] 0 (0)				DCR
Roger Island, Ipswich	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA
Rowley Salt Marshes, Row- ley	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				ECGA
Sandy Point, Ipswich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[44] 56 (60)	[A] A (A)	F	[0] 0 (0)			[0] 0 (0)				DCR
Sesachacha Pond/Greenhills, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Snake Island , Winthrop	[0] 0 (0)			1	A	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Wingaersheek, Gloucester	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Winthrop Beach, Winthrop	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[11] 12 (20)	[A] A (A)	P	[0] 0 (0)			[0] 0 (0)				DCR
Woodbridge Island, Newburyport	[ND] 0 (ND)			6	N		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				USFWS
Yirrell Beach, Winthrop	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Winthrop
SOUTH SHORE																				
Boathole, Plymouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DBR
Duxbury Beach, Duxbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[61] 353 (27)	[AI] AI (A)	PFE	[0] 0 (0)			[0] 0 (0)				DBR
East Beach, New Bedford	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Ellisville Harbor State Park, Plymouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Ellisville Shifting Lots, Plymouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[13] 10 (32)	[A] A (A)		[0] 0 (0)			[0] 0 (0)				MAS
Fourth Cliff, Scituate	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[8*]	[A]	0	[0] 0 (0)			[0] 0 (0)			LETE courting on 5/19; no eggs detected.	MAS
Musquashicut Pond, Scituate	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Nantasket DCR, Hull	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Pleasant Beach, Cohasset	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[16] 16	[A] A	P	[0] 0 (0)			[0] 0 (0)				MAS
Plymouth Long Beach, Plymouth	[0] 0 (0)	N		[11] 2 (4*)	[N] N (N)	P	[0] 0 (0)	N		36 (21*)	N (N)	P	[0] 0 (0)	N		[0] 0 (0)	N		COTE and LETE B-nests are likely renests rather than new pairs.	Plymouth
Rexhame Beach, Marshfield	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sagamore Beach, Plymouth	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Sandy Beach, Cohasset	[ND] ND (0)			[ND] ND (0)			[ND] ND			[ND] ND			[ND] ND (0)			[ND] ND				MAS

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
							(0)			(0)						(0)				
Saquist, Plymouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Gosselin
Saquist, Plymouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DBR
Spinnaker Island, Hull	[ND] 0 (ND)			47* [0] 0 (0)	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			COTE eggs pre-sumed; platform hard to see into.	NPS
The Glades, Scituate	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Third Cliff, Scituate	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[24] 10 (27)	[A] A	P	[0] 0 (0)			[0] 0 (0)				MAS
UPPER CAPE																				
24 Willis Lane, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[16] 10 (0)	[A] A	P	[0] 0 (0)			[0] 0 (0)				MAS
Acapesket Beach, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Bank Street Beach, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Harwich
Bassetts Island, Bourne	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Bayview/Howes, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Belmont Condos, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[34*] 0 (0)	[A] A	0	[0] 0 (0)			[0] 0 (0)			LETE courting and copulating at high tide line on 5/21 and 5/23; no scraping; no eggs detected.	MAS
Black Beach, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Bone Hill Rd., Barnstable	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Chapin Beach, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Dennis
Craigville, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Crosby Landing, Brewster	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			22 (26)	A (A)	G	[0] 0 (0)			[0] 0 (0)				MAS

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Dead Neck Sampsons Island, Barnstable	[0] 0 (0)			1	I	0	[0] 0 (0)			152 (64)	AI (AI)	P	[0] 0 (0)			[0] 0 (0)				MAS
Dowses Beach, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Barnstable
Dr. Botero, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
East Sandwich Beach, East Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (5)	A (I)	E	[0] 0 (0)			[0] 0 (0)				Sandwich
Fortes Beach, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Gray's Beach, Yarmouth	[ND] 0 (ND)			4	AI		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Great Island - Smith Point, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			56	AI	F	[0] 0 (0)			[0] 0 (0)				MAS
Great Island Causeway, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Kalmus Beach, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			12 (12)	A (A)	0	[0] 0 (0)			[0] 0 (0)				Barnstable
Little Is. Beach, Falmouth	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Long Beach, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (2)	A (AI)	G	[0] 0 (0)			[0] 0 (0)				MAS
Maushop Village-Rock Landing, Mashpee	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Memorial Beach/Covell's, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Menahaunt Yacht Club, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Menauhant Beach, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Mussel Point, Barnstable	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
New Seabury, Mashpee	[0] 0 (0)			[*] 0	[A] A	0	[0] 0 (0)			[*] 0 (*)	[A] A (A)	0	[0] 0 (0)			[0] 0 (0)			COTE and LETE courting during preA-period and LETE copulated on 5/21; no eggs detected.	MAS

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Popponeset Spit, Mashpee	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[20*]	[A]	0	[0] 0 (0)			[0] 0 (0)			LETE courting on 5/17; no eggs detected.	MAS
Radio City Beach, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Red Jacket Beach, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Red River Beach, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (1)	A (N)		[0] 0 (0)			[0] 0 (0)				Harwich
Rushy March Pond, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sagamore Beach, Bourne	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sagamore Beach, Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sandy Neck Beach Park, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			90 (134)	A (A)	0	[0] 0 (0)			[0] 0 (0)				Barnstable
Scorton Neck (Torrey), Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			47	A	P	[0] 0 (0)			[0] 0 (0)				MAS
Scorton Shores, East Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Sandwich
Scusset State Park, Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Seagull Beach, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			91 (22)	AI (AI)	P	[0] 0 (0)			[0] 0 (0)				MAS
Sippewisset, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Smuggler's/Bass River Beach, Yarmouth	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
South Cape Beach, Mashpee	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			20 (29)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
Spring Hill Beach, Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			58	AN	P	[0] 0 (0)			[0] 0 (0)				Sandwich
Squaw Island Rd./Causeway, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Squaw Island, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			56	AI	E	[0] 0 (0)			[0] 0 (0)				MAS
Standish Way/Colonial Acres, Yarmouth	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Stone Horse Yacht Club, Harwich	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Swan River/Miramar, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			24 (11)	AI (AI)	P	[0] 0 (0)			[0] 0 (0)				MAS
Town Neck Beach, Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			37	I		[0] 0 (0)			[0] 0 (0)				Sandwich
Trunk River/Moors, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[26] 9 (14)	[A] A (A)	OG	[0] 0 (0)			[0] 0 (0)				MAS
Washburn Island, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
West Dennis Beach, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Dennis
Wing's Island, Brewster	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Winstead Inn/Inn on the Beach, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Woodneck Beach, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Wychmere, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			72 (10)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
LOWER CAPE																				
Armstrong Beach, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[5] 14 (28)	[I] A (AI)	OP	[0] 0 (0)			[0] 0 (0)				NPS
Ballston Beach, Truro	[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)				MAS
Ballston, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Beach Point, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Bound Brook, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Cahoon Hollow, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Chatham Lane, Chatham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Coast Guard Eastham, Eastham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[5] 5 (4)	[IN] IN (IN)	0	[0] 0 (0)			[0] 0 (0)				NPS

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Coast Guard Truro, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			1 (8)	I (A)	0	[0] 0 (0)			[0] 0 (0)				NPS
Cockle Cove, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Corn Hill Beach, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			18	A	P	[0] 0 (0)			[0] 0 (0)				MAS
Duck Harbor, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Exit 9, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Fisher Beach, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Forest Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[66*]	[A]	0	[0] 0 (0)			[0] 0 (0)			LETE courting and copulating at high tide line 5/13-5/21; no scraping, no eggs detected.	MAS
Great Island, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Harding Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			13 (36)	A (A)	0	[0] 0 (0)			[0] 0 (0)				MAS
Harding Shores, Chatham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Hatches Harbor, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (9)	(I)	0	[0] 0 (0)			[0] 0 (0)				NPS
Head of Meadow, Truro	[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)				MAS
Head of the Meadow, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[16] 3 (20)	[A] I (A)	P	[0] 0 (0)			[0] 0 (0)				NPS
Herring Cove, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
High Head, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[12] 24 (40)	[A] A (A)	P	[0] 0 (0)			[0] 0 (0)				NPS
Jeremy Point, Wellfleet	[0] 0 (0)			2 (3)	IN (N)	0	[0] 0 (0)			[5] 14 (32)	[I] I (N)	0	[0] 0 (0)			[0] 0 (0)				NPS
Lecount Hollow, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS

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	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Lieutenant Island-NW, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[5*]	[A]		[0] 0 (0)			[0] 0 (0)			LETE courting at high tide line during PreA-period; no eggs detected.	MAS
Lighthouse Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Longnook, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Marconi Beach, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Marconi Station, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (10)	A (IN)	0	[0] 0 (0)			[0] 0 (0)				NPS
Minimoy Island, Chatham	[0] 0 (0)			47	N		[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				USFWS
Mission Bell, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (1)	A (N)	E	[0] 0 (0)			[0] 0 (0)				NPS
Morris Island Dike-Hardings Beach Point, Chatham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Morris Island NW (dredge spoil), Chatham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Nauset Light Beach, Eastham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
New Island, Orleans	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Orleans
Newcomb Hollow, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
North (Nauset) Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			45	E	P	[0] 0 (0)			[0] 0 (0)				Chatham
North Beach Island, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Chatham
North Monomoy Island, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				USFWS
North Spit, Orleans	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			60 (51)	I (I)	P	[0] 0 (0)			[0] 0 (0)				Orleans
Pleasant St. Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Quitneset, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			24	A	P	[0] 0 (0)			[0] 0 (0)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Race Point Beach, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[12] 16 (8)	[A] A (N)	0	[0] 0 (0)			[0] 0 (0)				NPS
Race Point North, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[40] 52 (28)	[A] A (A)	P	[0] 0 (0)			[0] 0 (0)				NPS
Race Point South, Provincetown	[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[1] 0 (8)	[N] A (A)	0	[ND] 0 (0)			[ND] 0 (0)				NPS
Ridgevale Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[59*] 0 (30*)	[A] A (A)	0	[0] 0 (0)			[0] 0 (0)			LETE courting and copulating on exposed sandbar and below high tide line; no eggs detected.	MAS
South Beach - Middle Island, Chatham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			8	A		[ND] 0 (ND)			[ND] 0 (ND)				MAS
South Beach (Nauset), Orleans	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			16 (25)	I (I)	P	[0] 0 (0)			[0] 0 (0)				Orleans
South Beach (South of Break), Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[20] 42 (0)	[AI] AI (AI)	0	[0] 0 (0)			[0] 0 (0)				MAS
South Monomoy Island, Chatham	40 (6)	N (N)	0.7 fl/pair	19875	N	1.36 fl/nest	[0] 0 (0)			611	I	PFG	[0] 0 (0)			7751	N	G		USFWS
South Sunken Meadow, Eastham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Tern Island, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			38 (158)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
White Crest Beach, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Wood End/Long Point, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (6)	A (AI)	0	[0] 0 (0)			[0] 0 (0)				NPS
BUZZARDS BAY																				
Acoaxet, Westport	[ND] 0 (ND)			2*	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			COTE courting on 6/20; unknown if eggs laid; single visit.	MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Baker's Beach, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
Barney's Joy/Little Beach, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[168] 200 (45)	[A] A (A)	0	[0] 0 (0)			[0] 0 (0)				MAS
Bird Island, Marion	1956	N	1.07 fl/n	3085	N	0.8 fl/n	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DFW
Blankenship Cove, Marion	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Bourne Cove, Wareham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Cedar Island, Wareham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Cole River, Swansea	[0] 0 (0)			6	AN		[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DFW
Cromeset, Wareham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Demarest Lloyd, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DCR
East Beach, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Elephant Rock, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
Fish Island, Fairhaven	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Fishing Rock, Westport	[ND] 0 (ND)			2	A		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Gooseberry Island, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DCR
Gravel Island, Marion	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Haskell Island, Marion	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Horseneck Beach, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[60] 106 (96)	[A] A (A)	OP	[0] 0 (0)			[0] 0 (0)				DCR
Jug Rock, Westport	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Little Harbor Beach, Wareham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Long Beach Point, Wareham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Long Island, Fairhaven	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Meadow Island, Marion	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Nonquitt, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Pine Island (Angelica Point and Strawberry Point), Mattapoisett	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Planting Island Cove, Marion	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Planting Island, Marion	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Ram Island, Mattapoisett, Mattapoisett	1584	N	1.37 fl/n	3650	N	1.05 fl/n	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DFW
Richmond Pond, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
Round Hill, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Round Island, Fairhaven	[ND] ND (0)			[ND] ND (0)			[ND] ND (0)			ND (5*)	(A)		[ND] ND (0)			[ND] ND (0)			LETE scraping; no eggs detected; single visit, 7/7.	DFW
Salters Pond, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
South Shore Marshes, Fairhaven	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Speaking Rock, Westport	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Stewart's Island, Marion	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Swift's Beach, Wareham	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Timmy's Rock, Dartmouth	[ND] 0 (ND)			6	N		[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Ward's Rock, Fairhaven	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
West Island Town Beach, Fairhaven	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
West Island, Fairhaven	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Westport Town Beach, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Winsegauss Heights, Fairhaven	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
ELIZABETH ISLANDS																				
Copicut Neck, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
Nashawena Island-Baret's Island, Gosnold	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Nashawena Island-Canapitsit, Gosnold	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Nashawena Island-Quicks Hole, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Naushon Island - Crescent Beach, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Naushon Is. - French Watering Hole, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Naushon Island - Kettle Cove, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Naushon Island - Tarpaulin Cove, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Naushon Island - West Beach, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Naushon Island-Robinson's Hole, Gosnold	[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)			[ND] ND (ND)				DFW
Pasque Island-Cobbly, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Pasque Island-Quicks Hole, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Pasque Island-Robinson's Hole, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				DFW
Penikese Island, Gosnold	18	N	1.34 fl/n	1621	N	1.89 fl/n	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DFW
West Pond, Gosnold	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
MARTHA'S VINEYARD																				
Arruda's Point / The Jetties , Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Barges Beach, Cuttyhunk	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			73 (22)	A (A)	P	[0] 0 (0)			[0] 0 (0)				MAS
Beach Rd. Causeway, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Bend in the Rd., Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Big Gravel Island, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Black Point Pond, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Caleb's Pond, Edgartown	[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)				BW

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Cape Higgon, Chilmark	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				BW
Cape Pogue Elbow / The Narrows, Edgartown	[0] 0 (0)			0 (1)	N (N)	0	[0] 0 (0)			[10] 0	I N	0	[0] 0 (0)			[0] 0 (0)				TTOR
Cedar Tree Neck, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Chilmark Pond, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Cow Bay, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Cracktuxet Trust Beach, Edgartown	[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)				BW
Dogfish Bar, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			1	N	0	[0] 0 (0)			[0] 0 (0)				BW
East Tashmoo, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Eastville Beach, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Edey's Is., Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Edgartown Great Pond (Job's Neck), Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Harthaven, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Haystack Island, Edgartown	[0] 0 (0)			61 (2)	A (A)	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Joseph Sylvia State Beach, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Joseph Sylvia State Beach, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Lamberts Cove, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Leland / East Beach, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			1 (10)	N (I)	0	[0] 0 (0)			[0] 0 (0)				TTOR
Lighthouse Beach, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			4	I	P	[0] 0 (0)			[0] 0 (0)				BW
Little Beach / Eel Pd., Edgartown	[0] 0 (0)			274	N	0	[0] 0 (0)			182 (19)	AI (I)	P	21	N	E	[0] 0 (0)				BW
Little Gravel Island, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Little Neck, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Lobsterville Beach, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Long Point, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Lucy Vincent Beach, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Mink Meadows, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			5	IN	F	[0] 0 (0)			[0] 0 (0)				MAS
Nomans Land Island NWR, Chilmark	[8*]	[A]		[12]	[N]		[0] ND (ND)			[0] ND (ND)			[0] ND (ND)			[0] ND (ND)			Unknown if ROST laid eggs; single visit, 5/24.	USFWS
Norton Point, Edgartown	69* (56*)	A (A)	0	16 (101)	I (I)	OG	[0] 0 (0)			391 (325)	AI (AI)	OPE	1	I	E	[0] 0 (0)			ROST courting and attached to site for extended period of time; no eggs detected.	MAS
Oyster Pond, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Paqua Pond, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Paul's Point, West Tisbury	[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)				BW
Pease's Pond, Edgartown	[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)				BW
Philbin Beach, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Quansoo, Chilmark	[32*] 0	[A] A	0	[80*] 0	[A] A	0	[0] 0 (0)			[14] 0 (1)	[A] A (I)	0	[0] 0 (0)			[0] 0 (0)			COTE and ROTE courting on inter-tidal; no eggs detected. LETE did not lay eggs until B-period	MAS
Quansoo-Tisbury Great Pond, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)	(A)		[0] 0 (0)			[0] 0 (0)				MAS
Sarsons Island, Oak Bluffs	[0] 0 (0)			4 (15)	A (A)	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Seven Gates, West Tisbury	[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)			[ND] 0 (0)				BW
South Beach, Edgartown	[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)			[0] 0 (ND)				BW

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Spring Point, Chilmark	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				BW
Squibnocket Beach/Long Beach, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Stonewall Beach, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			1	N	0	[0] 0 (0)			[0] 0 (0)				BW
Sylvia State Beach Edgartown, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sylvia State Beach Oak Bluffs, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Wasque, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Watcha Pond, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
West Tashmoo, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Windmill House, Edgartown	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			3	I	0	[ND] 0 (ND)			[ND] 0 (ND)				BW
Yorke-Allen Point, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
NANTUCKET																				
Capaum Pond, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Coatue Harbor, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Coatue, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[16] 6 (2)	[A] A (AN)	0	[0] 0 (0)			[0] 0 (0)				NCF
Coskata-East Beach, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Coskata-West Beach, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Eel Point, Nantucket	[0] 0 (0)			112 (1)	N (A)	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Great Point, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			(2)	(I)	0	[0] 0 (0)			[0] 0 (0)				TTOR

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
Hummock and West Hummock Ponds, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Little Neck, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Long Pond, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Low Beach , Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			71 (125)	I (N)	0	[0] 0 (0)			[0] 0 (0)				Nantucket
Monomoy Creeks, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Muskeget Island, Nantucket	1*	A		[77] 77	[N] N	0	[0] 0 (0)			25	N	0	[0] 0 (0)			[0] 0 (0)			Uncertain if one ROST nest was laid.	Nantucket
Nantucket NWR (Great Point), Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				USFWS
Polpis Harbor (Medouie Creek and Pocomo Meadows), Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Quidnet/Sesachacha Pond/Greenhills, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sheep Pond, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Smith Point / Esther Island, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Nantucket
South Pastures (Madequecham Valley to Tom Nevers), Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Squam Pond, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
The Galls, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			5 (13)	I (I)	0	[0] 0 (0)			[0] 0 (0)				TTOR
The Glades, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
The Haulover , Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Tuckernuck Island - Bigelow's Point, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[30] 16	[N] N	P	[0] 0 (0)			[0] 0 (0)				TLT
Tuckernuck Island - Whale Point, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			20	A	P	[0] 0 (0)			[0] 0 (0)				TLT

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2023

	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull				
Site	No Pairs	M ^a	P ^b	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	No. pairs	M	P	Notes	Source ^c
UMass Field Station, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Wauwinet, Nantucket	[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)			[ND] 0 (ND)				MAS
TOTAL, 2023	3667			29104			0			3698			22			7751				
TOTAL, 2022	3170			27000			0,5			4131			23			5200				
% change, 2022 - 2023	15.7			7.8			-100			-10.5			-4.3			49.1				

^a Method: A = adult count; E = partial/extrapolated count; N = nest count. See text of "Methods" for more details.

^b Productivity: 0 = none; P = poor; F = fair; G = good; E = excellent. Quantitative estimates are given as fledglings/nest or fledglings/pair.

^c In addition to the names of towns, counties, and individuals, the following abbreviations are used: BW=BiodiversityWorks; DCR=Massachusetts Department of Conservation and Recreation; DFW=Massachusetts Division of Fisheries & Wildlife; ECGA=Essex County Greenbelt Association; LCE=Lloyd Center for the Environment; MAS=Massachusetts Audubon Society-Coastal Waterbird Program; MVLBC=Martha's Vineyard Land Bank Commission; NCF=Nantucket Conservation Foundation; NPS=National Park Service; TLT=Tuckernuck Land Trust; TNCRI=The Nature Conservancy - Rhode Island; TTOR=The Trustees of Reservations; USDA-APHIS=U.S. Dept. of Agriculture-Animal & Plant Health Inspection Service; USFWS=U.S. Fish & Wildlife Service.