

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022



Roseate Tern chick in a weighing cone, © MassWildlife

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ABSTRACT

Cooperators in Massachusetts surveyed 298 coastal sites in 2022 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 100 sites were occupied by nesting birds. All Common Tern and Laughing Gull colonies were surveyed in entirety for the first time since 2019 and both species showed substantial increases over that time period, reaching record highs: Common Terns increased 33% to 27,000 pairs and Laughing Gulls 42% to 5,200 pairs. Compared to 2021, Roseate Terns increased 2% to 3,170 pairs (a record high), Least Terns decreased 23% to 4,131 pairs, Arctic Terns decreased from 1.5 pairs to 0.5 pairs, and Black Skimmers increased from 19 pairs to 23 pairs (a record high). Earliest and median first egg dates across sites were 20 May/ 20 May for Roseate Terns, 10 May/ 31 May for Common Terns, 21 May/ 31 May for Least Terns, 30 May/ 3 Jul for Black Skimmers, and 24 May/ (n/a) for Laughing Gull. No chronology data were available for Arctic Tern.

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 2022 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 the species, either one or two censuses are conducted. 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. 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 the

overall census numbers (to avoid double-counting the same birds); however, the B-count does document use of the site. B-counts are not required for Common Terns or Laughing Gulls.

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, engaged in courtship, 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.

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 2022, 298 sites were surveyed for nesting terns, Laughing Gulls, and Black Skimmers. Approximately 100 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 2022.

2022		Roseate Tern	Common Tern	Arctic Tern ^c	Least Tern	Black Skimmer	Laughing Gull
Date first adults observed	Earliest date (site)	5-May (Ram I., Mattapoissett)	25-Apr (Bird I., Marion)	28-May (Penikese I., Gosnold)	1-May (North [Nauset] Beach, Chatham)	5-May (Little Beach / Eel Pd., Edgartown)	6-May (S. Monomoy I., Chatham)
	Median ^a (n) ^b	17-May (8)	25-May (30)	n/a	24-May (99)	17-Jun (4)	n/a ^d
Date first eggs laid	Earliest date (site)	20-May (Bird I., Marion & Ram I., Mattapoissett)	10-May (Ram I., Mattapoissett)	n/a	21-May (Seagull Beach, Yarmouth)	30-May (Little Beach / Eel Pd., Edgartown)	24-May (S. Monomoy I., Chatham)
	Median (n)	20-May (3)	31-May (12)	n/a	31-May (85)	3-Jul (4)	n/a
Date first chicks hatched	Earliest date (site)	12-Jun (Bird I., Marion)	4-Jun (Ram I., Mattapoissett)	n/a	16-Jun (Little Beach / Eel Pd., Edgartown)	16-Jun (Little Beach / Eel Pd., Edgartown)	16-Jun (S. Monomoy I., Chatham)
	Median (n)	14-Jun (4)	12-Jun (6)	n/a	24-Jun (68)	8-Jul (2)	n/a
Last date young observed	Latest date (site)	23-Jul (S. Monomoy I., Chatham)	26-Aug (Ram I., Mattapoissett)	n/a	5-Sep (High Head, Truro)	25-Aug (Norton Point Beach, Edgartown)	nd ^e
	Median (n)	n/a	27-Jul (5)	n/a	15-Aug (56)	17-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 Arctic Tern value is for an individual that did not secure a mate or have a nest.

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

^e nd – no data



Figure 1. Key tern, Black Skimmer, and Laughing Gull nesting dates, 2017 – 2022. “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, 2022

Number of nesting sites:	5
Number of pairs, A-period:	3170
% change in number of pairs from 2021:	1.9
3 largest sites, percent of total A-period pairs:	98.2
Average number of A-period pairs, 1985 - present (range)	1736 (1269 - 3170)

Roseate Terns reached a record high number of pairs in 2022. **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, 2022.*

Site	No. pairs, A-period (2022)	Productivity (2022)	No. pairs, A-period (2021)	Notes (2022)
Bird Island, Marion	2031	0.82 fledg./nest	1773	
Ram Is., Mattapoisett	934	0.6 fledg./nest	1318	
Muskeget Island, Nantucket	149	0	12	Abundance estimate is rough: difficult to distinguish between nesting & non-nesting birds. Behavior was strongly suggestive of eggs & chicks but not confirmed.
Penikese Island, Gosnold	38	1.36 fledg./nest	3	
South Monomoy Island, Chatham	18	0.73 fledg./pair	4	

Since 1985, Roseate numbers in the state have fluctuated, but the overall trend during 2012 – 2022 has been strongly increasing (**Fig. 2**).

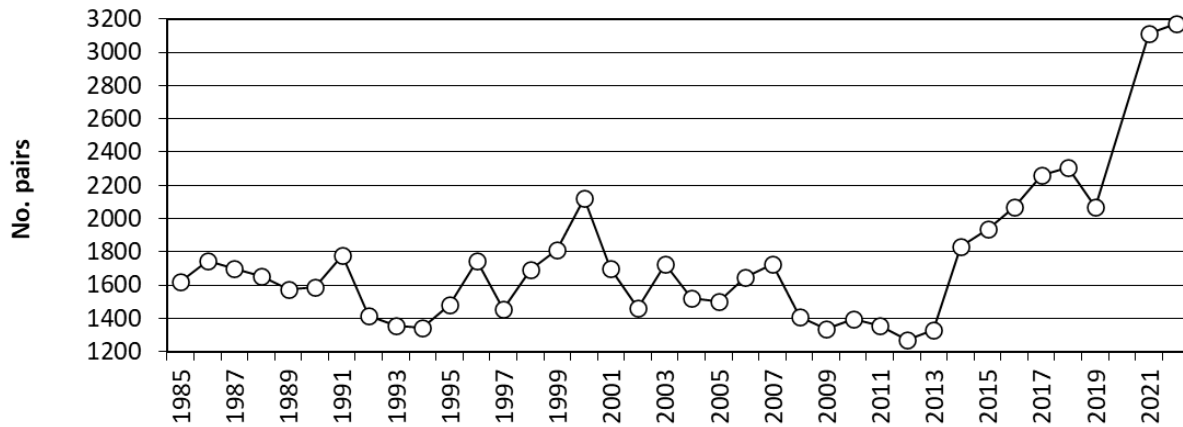


Figure 2. Number of nesting Roseate Tern pairs in Massachusetts, 1985 – 2022.

Common Tern

Summary, 2022

Number of nesting sites:	36
Number of pairs, A-period:	27000
% change in number of pairs from 2021:	no data
% change in number of pairs from 2019:	33.1
10 largest sites, percent of total A-period pairs:	99.2
3 largest sites, percent of total A-period pairs:	88.4
Average number of A-period pairs, 1985 - present (range)	13969 (6483 - 27000)

All known Common Tern colonies were censused for the first time since 2019. Common Terns reached a record high 27,000 pairs in 2022. **Table 3** provides site-specific data for the largest Common Tern nesting sites in 2022.

Table 3. Abundance and productivity of Common Terns at the 10 largest nesting sites in Massachusetts, 2022.

Site	No. pairs, A-period (2022)	Productivity (2022)	No. pairs, A-period (2021)	Notes (2022)
South Monomoy Island, Chatham	18026	0.83 fledg./pair	no data	
Ram Is., Mattapoisett	3097	1.12 fledg./nest	4080	
Bird Island, Marion	2754	0.84 fledg./nest	3148	
Penikese Island, Gosnold	1621	1.46 fledg./nest	1507	
Muskeget Island, Nantucket	480	0, poor	102	Abundance estimate is rough: difficult to distinguish between nesting & non-nesting birds.
Minimoy Island, Chatham	334	no data	80	
Little Beach / Eel Pd., Edgartown	285	0	520	
General Edwards Bridge, Rte 1A, Revere-Lynn	102	no data	81	
Haystack Island, Edgartown	48	poor	18	
Central Square, East Boston	42	no data	120	

Common Tern numbers rose rapidly in Massachusetts during 1982 – 2003, slowed or leveled off during 2004 – 2016, and increased more rapidly during 2017 – 2022 (**Fig. 3**).

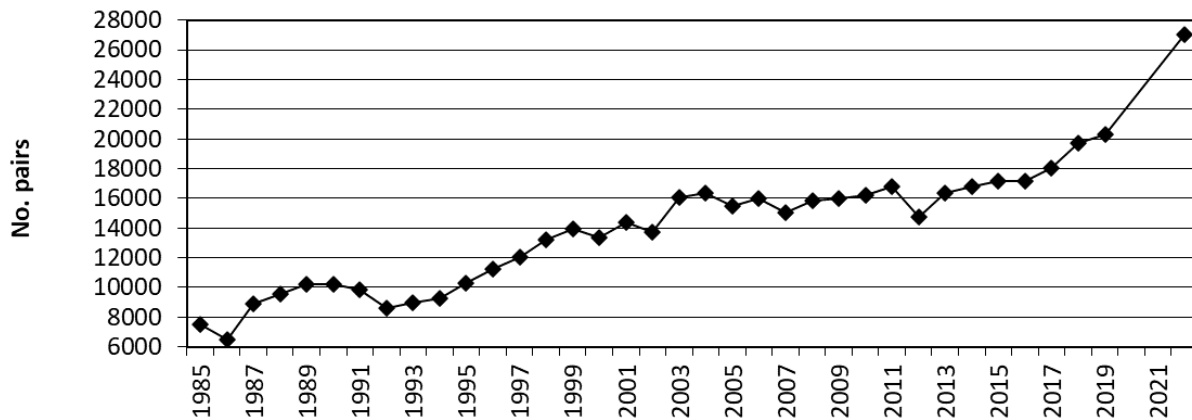


Figure 3. Number of nesting Common Tern pairs in Massachusetts, 1985 – 2022.

Arctic Tern

Summary, 2022

Number of nesting sites:	1
Number of pairs, A-period:	0.5
% change in number of pairs from 2021:	-66.7
Additional pairs, B-period:	0
Average number of A-period pairs, 1985 - present (range)	7 (0 - 29)

On Penikese I., Gosnold, an unpaired individual actively sought a mate (**Table 4**).

Table 4. Abundance and productivity of Arctic Terns in Massachusetts, 2022.

Site	No. pairs, A-period (2022)	No. additional pairs, B-period (2022)	Productivity (2022)	No. pairs, A-period (2021)	Notes (2022)
Penikese Island, Gosnold	0.5	0	0	1.5	1 unpaired ARTE, presumably male, giving advertising calls 5/28-6/19; no nest detected.

Since 1985, there has been an overall downward trend in abundance of this very rare, range-edge species, which has almost disappeared in MA (**Fig. 4**).

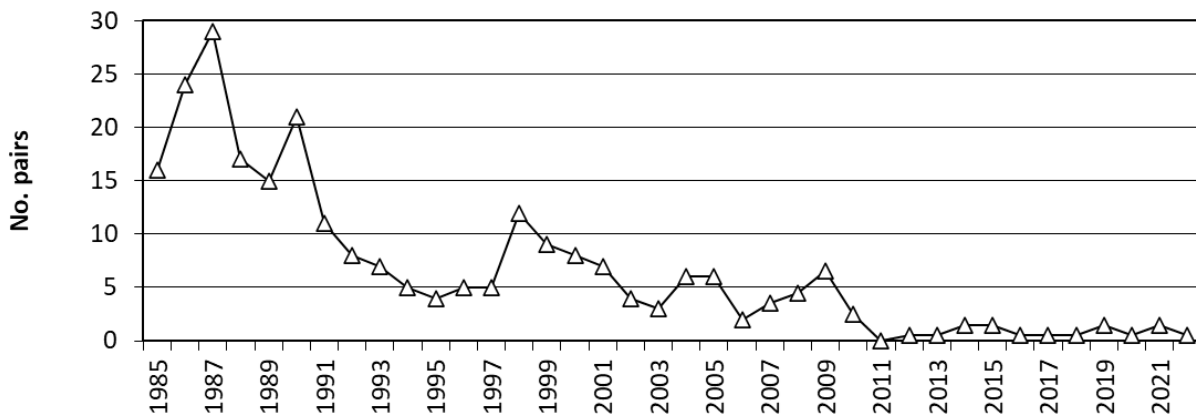


Figure 4. Number of nesting Arctic Tern pairs in Massachusetts, 1985 – 2022.

*Least Tern***Summary, 2022**

Number of nesting sites:	77
Number of pairs, A-period:	4131
% change in number of pairs from 2021:	-23.3
10 largest sites, percent of total A-period pairs:	62.7
3 largest sites, percent of total A-period pairs:	32.2
Average number of A-period pairs, 1985 - present (range)	3124 (2109 - 5385)

Least Terns decreased 23.3% to 4,131 pairs. **Table 5** provides site-specific data for the largest sites.

Table 5. *Abundance and productivity of Least Terns at the 10 largest A- or B-period nesting sites in Massachusetts, 2022. 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 (2022)	No. pairs, B-period (2022)	Productivity (2022)	No. pairs, A-period (2021)
South Monomoy Island, Chatham	595	-	poor, good	619
Little Beach / Eel Pd., Edgartown	417	52	0, poor	30
Muskeget Island, Nantucket	320	360	0	8
Duxbury Beach, Duxbury	316	236	poor, fair, good	475
Crane Beach, Ipswich	293	-	fair	294
Barney's Joy/Little Beach, Dartmouth	192	298	poor	287
Norton Point Beach, Edgartown	0	228	0, good	0
South Beach (South of Break), Chatham	192	-	no data	no data
Dead Neck Sampsons Island, Barnstable	160	-	poor, fair	220
North Spit, Orleans	105	45	poor, fair	283

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.

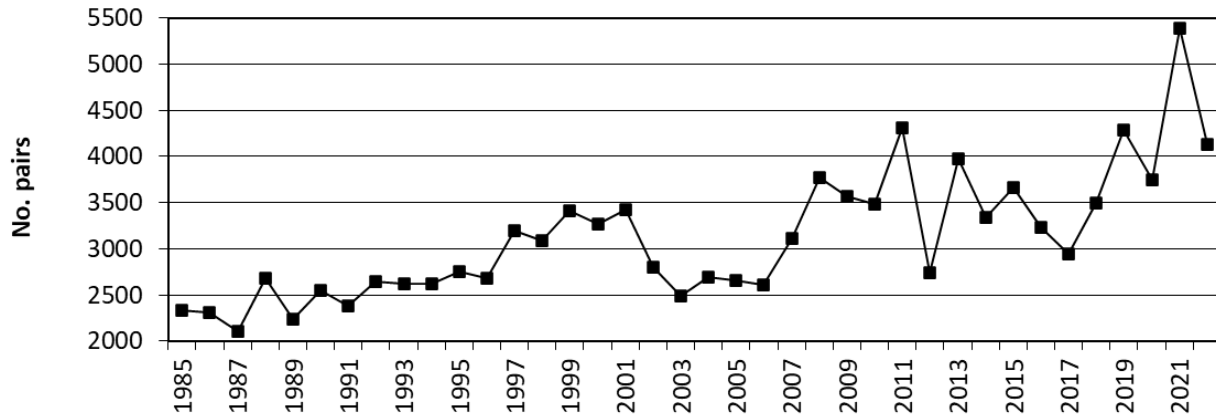


Figure 5. Number of nesting Least Tern pairs in Massachusetts, 1985 – 2022.

Black Skimmer

Summary, 2022

Number of nesting sites:	4
Number of pairs, A-period:	23
% change in number of pairs from 2021:	21.1
Additional pairs, B-period:	5
Average number of A-period pairs, 1985 - present (range)	6 (0 - 23)

Black Skimmers continued their upward climb from 19 pairs in 2021 to 23 pairs (a record high) in the A-period. Five additional pairs nested in the B-period. Skimmers expanded to four sites, but most were concentrated at Little Beach/Eel Pond, Edgartown (**Table 6**).

Table 6. Abundance and productivity of Black Skimmers in Massachusetts, 2022.

Site	No. pairs, A-period (2022)	No. additional pairs, B-period (2022)	Productivity (2022)	No. pairs, A-period (2021)
Little Beach / Eel Pd., Edgartown	22	0	0.59 fledg./pr	19
Norton Point Beach, Edgartown	0	4	fair	0
Ram Is., Mattapoissett, Mattapoissett	1	0	0	0
Minimoy Island, Chatham	0	1	0	0

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

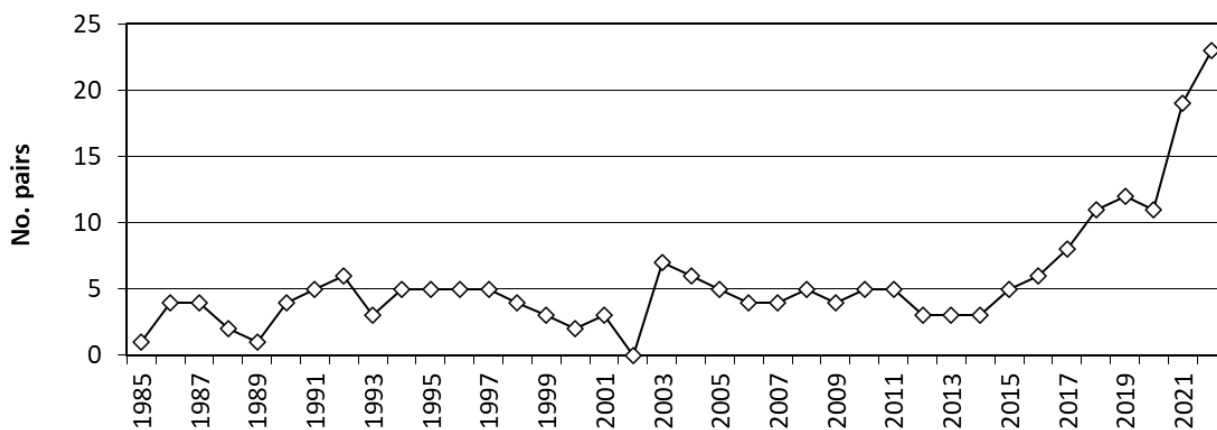


Figure 6. Number of nesting Black Skimmer pairs in Massachusetts, 1985 – 2022.

Laughing Gull

Summary, 2022

Number of nesting sites:	2
Number of pairs, A-period:	5200
% change in number of pairs from 2021:	no data
% change in number of pairs from 2019:	42.1
Average number of A-period pairs, 1985 - present (range)	1538 (542 - 5200)

The major Laughing Gull colony at South Monomoy I., Chatham was censused for the first time since 2019; it reached a new record high of 5,200 pairs, an increase of 42.1% over 2019 numbers. A second colony was present in the B-period, but no eggs were laid. **Table 7** provides additional detail.

Table 7. Abundance and productivity of Laughing Gulls in Massachusetts, 2022.

Site	No. pairs, A-period (2022)	No. pairs, B-period (2022)	Productivity (2022)	No. pairs, A-period (2021)	Notes (2022)
South Monomoy Island, Chatham	5200	-	good	no data	
Muskeget Island, Nantucket	0	28	0	0	Courted but did not lay eggs

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.

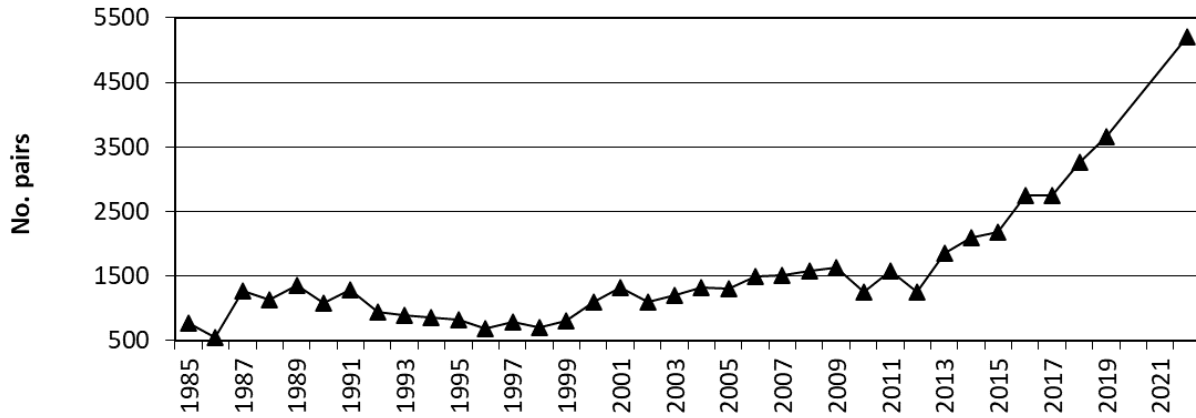


Figure 7. Number of nesting Laughing Gull pairs in Massachusetts, 1985 – 2022.

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 2022. 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.

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
NORTH SHORE																				
Bagwell Island, Ipswich	[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				ECGA
Belle Isle Marsh, Boston	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Blackwater River Group, Salisbury	[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				ECGA
Carson Beach, Boston	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DCR
Central Square, East Boston	[nd] 0 (nd)			[nd] 42 (nd)	AE		[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)			[nd] 2 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				Zendeh
Clubhead Creek, Rowley	[nd] 0 (nd)			[nd] 1 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				ECGA
Constitution Beach, Boston	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Crane Beach, Ipswich	[0] 0 (0)			1	N	P	[0] 0 (0)			293	N	F	[0] 0 (0)			[0] 0 (0)				TTOR
General Edwards Bridge, Rte 1A, Revere-Lynn	[nd] 0 (nd)			[nd] 102 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				Zendeh
Georges Island, Boston	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Ipswich Salt Marshes, Ipswich	[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				ECGA
Jeffrey's Point, East Boston	[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				Zendeh
L-K-M St. Bathhouse, Boston	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Logan International Airport, Boston, MA	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				USDA-APHIS
Lords Island, Ipswich	[nd] 0 (nd)			[nd] 7 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				ECGA

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Lovell's Beach, Boston	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			40 (6)	A (A)	P	[0] 0 (0)			[0] 0 (0)				MAS
Mystic River Bridge, Somerville-Everett	[nd] 0 (nd)			[nd] 32 (nd)	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)			[19] 28	[A] A	G	[0] 0 (0)			[0] 0 (0)				MAS
Newburyport, Newburyport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[32] 96 (40)	[A] A (A)	G	[0] 0 (0)			[0] 0 (0)				MAS
Parker River NWR, Newbury/Rowley	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			20	A	G	[0] 0 (0)			[0] 0 (0)				USFWS
Plum Island River Group, Newbury	[nd] 0 (nd)			3	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				USFWS
Rainsford Island, Boston	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
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, Rowley	[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)			[0] 0 (5)	[A] A (I)	0	[0] 0 (0)			[0] 0 (0)				DCR
Snake Island, Winthrop	[0] 0 (0)			1	N	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Spectacle Island, Boston	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Tinker's Island Marblehead	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Winthrop Beach, Winthrop	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[32] 2 (4)	[A] I (I)	P	[0] 0 (0)			[0] 0 (0)				DCR
Woodbridge Island, Newburyport	[nd] 0 (nd)			10	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)			1 (1)	N (N)	0	[0] 0 (0)			[46] 316 (236)	[A] A (A)	P,F,G	[0] 0 (0)			[0] 0 (0)				DBR
Ellisville Harbor State Park Plymouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Ellisville Shifting Lots, Plymouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			20 (29)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
Fourth Cliff, Scituate	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[24] 58 (5)	[A] A (A)	P	[0] 0 (0)			[0] 0 (0)				MAS
Musquashicut Pond, Scituate	[nd] 0 (0)			[nd] 1	A	F	[nd] 0 (0)			[nd] 3	A	0	[nd] 0 (0)			[nd] 0 (0)				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	[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 44	A	P	[nd] 0 (0)			[nd] 0 (0)				MAS
Plymouth Long Beach, Plymouth	0			[30] 0 (1)	[N] N (N)	0	0			[21] 19 (47)	[N] N (N)	P	0			0				Plymouth
Rexhame Beach, Marshfield	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Sagamore Beach, Bourne	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Saquist Beach, Plymouth	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Spinnaker Island, Hull	[nd] 0 (nd)			[nd] 29 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				NPS
The Glades, Scituate	[0] 0 (0)			2	A	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)			80 (16)	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)			[6] 3 (16)	[A] A (A)	0	[0] 0 (0)			[0] 0 (0)				MAS
Acapesket Beach, Falmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Allens Harbor, Harwich	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Bank Street Beach, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Harwich
Bass River Beach / Smuggler's, Yarmouth	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Bassetts Island, Bourne	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Bayview / Howes, Dennis	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Belmont Condos, Harwich	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Black Beach, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Bone Hill Road Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Chapin Beach, Dennis	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Craigville Beach, Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Crosby Landing, Brewster	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[3] 0 [A] A	0		[0] 0 (0)			[0] 0 (0)				MAS
Dead Neck Sampsons Island, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			160	A	P,F	[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 Rd., Dennis	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
East Sandwich Beach, East Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Sandwich
Fortes Beach, Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Gray's Beach, Yarmouth	[0] 0 (nd)			28	A		[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MAS
Great Island - Smith Point, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			64 (52)	A (A)	G	[0] 0 (0)			[0] 0 (0)				MAS
Great Island Causeway, Yarmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Kalmus Beach, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[1] 10 (10)	[A] A (A)	G	[0] 0 (0)			[0] 0 (0)				Barnstable
Little Island Beach, Falmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Long Beach, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[10] 0	[A]	0	[0] 0 (0)			[0] 0 (0)				MAS
Maushop Village - Rock Landing, Mashpee	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Memorial Beach / Covell's, Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Menauhant Beach, Falmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Mussel Point, Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
New Seabury, Mashpee	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			14	A	P	[0] 0 (0)			[0] 0 (0)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Popponeset Spit, Mashpee	[0] 0 (0)			[2*] 0 (0)	[A]	0	[0] 0 (0)			[32] 10 (36)	[A] A (A)	G	[0] 0 (0)			[0] 0 (0)			2 pairs of COTE copulated on 5/20 but did not nest.	MAS
Radio City Beach, Yarmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Red Jacket Beach, Yarmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Red River Beach, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				Harwich
Rushy Marsh Pond, Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Sagamore Beach, Sandwich	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Saquatucket Bluffs, Harwich	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Sandy Neck Beach Park, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			55 (88)	A (AN)	F,G	[0] 0 (0)			[0] 0 (0)				Barnstable
Scorton Neck (Torrey), Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			44	A	G	[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 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Seagull Beach, Yarmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			69	AI	P,G,E	[0] 0 (0)			[0] 0 (0)				MAS
Sippewisset, Falmouth	[2*] 0 (0)	[A]	0	[2*] 0 (0)	[A]	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			A few pairs of COTE & ROST courted & copulated on intertidal sandbars on 5/21 & 5/23 but did not nest.	MAS
South Cape Beach, Mashpee	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			14 (24)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
South Sunken Meadow, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Spring Hill Beach, Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			12	I	F	[0] 0 (0)			[0] 0 (0)				Sandwich
Squaw Island, Barnstable	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			20 (28)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
Squaw Island Road/Causeway, Barnstable	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Standish Way / Colonial Acres, Yarmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Stone Horse Yacht Club, Harwich	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Swan River/Miramar, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			18 (40)	A (A)	G	[0] 0 (0)			[0] 0 (0)				MAS
Town Beach - Grey Neck Rd (to Shore Rd. lot)/Earle Road, Harwich	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Town Neck Beach , Sandwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			21	I	G	[0] 0 (0)			[0] 0 (0)				Sandwich
Trunk River/Moors, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			4	I	F,G	[0] 0 (0)			[0] 0 (0)				MAS
Washburn Island, Falmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			20	A	P	[0] 0 (0)			[0] 0 (0)				MAS
West Dennis Beach, Dennis	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			15 (8)	N (E)	G	[0] 0 (0)			[0] 0 (0)				Dennis
Wing's Island, Brewster	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Winstead Inn / Inn on the Beach, Harwich	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Woodneck Beach, Falmouth	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Wychmere, Harwich	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			21	A	E	[0] 0 (0)			[0] 0 (0)				MAS
LOWER CAPE																				
Armstrong Beach, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[2] 23 (44)	[IN] AI (A)	0,P	[0] 0 (0)			[0] 0 (0)				NPS
Ballston Beach, Truro	0			0			0			0			0			0				NPS
Ballston Town Beach, Eastham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
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
Coast Guard Beach, Eastham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[20] 10 (10)	[I] I (I)	P	[0] 0 (0)			[0] 0 (0)				NPS
Coast Guard, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[12] 8 (24)	[A] I (A)	P	[0] 0 (0)			[0] 0 (0)				NPS

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Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Cockle Cove, Chatham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Corn Hill Beach, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			0 (28)	A (A)	F	[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)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Great Is., 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)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Hardings Shores, Chatham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Hatches Harbor, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Head of Meadow, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			4	A	0	[0] 0 (0)			[0] 0 (0)				MAS
Head of the Meadow, Truro	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[12] 24 (36)	[A] A (A)	F	[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)			0 (8)	(A)	P	[0] 0 (0)			[0] 0 (0)				NPS
Jeremy Point, Wellfleet	[0] 0 (0)			[0] 0 (1)	(N)	0	[0] 0 (0)			[1] 7 (15)	[N] I (N)	P,F	[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
Lieutenant Island - NW Wellfleet	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
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 (2)	(I)		[0] 0 (0)			[0] 0 (0)				NPS
Marconi Station, Wellfleet	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[3] 8 (7)	[I] I (N)	F	[0] 0 (0)			[0] 0 (0)				NPS
Minimoy Island, Chatham	[0] 0 (0)			334	N		[0] 0 (0)			[0] 0 (0)			[0] 0 (1)	(N)	0	[0] 0 (0)				USFWS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Mission Bell, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[1] (1)	[A] (I)	0	[0] 0 (0)			[0] 0 (0)				NPS
Morris Island NW, Chatham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (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)			90	A	G	[0] 0 (0)			[0] 0 (0)				Chatham
North Beach Island, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[19] 22 (10)	[AN] AN (N)	0	[0] 0 (0)			[0] 0 (0)				Chatham
North Monomoy Island, Chatham	[0] nd (0)			[0] nd (0)			[0] nd (0)			[0] nd (0)			[0] nd (0)			[0] nd (0)				USFWS
North Spit, Orleans	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[87] 105 (45)	[A] I (I)	P,F	[0] 0 (0)			[0] 0 (0)				Orleans
Pleasant Street Beach, Chatham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Quitnesset, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			3 (20)	A (A)	F	[0] 0 (0)			[0] 0 (0)				MAS
Race Point Beach, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[1] 4 (6)	[A] I (A)	G	[0] 0 (0)			[0] 0 (0)				NPS
Race Point North, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[16] 24 (25)	[A] I (I)	F	[0] 0 (0)			[0] 0 (0)				NPS
Race Point South, Provincetown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NPS
Ridgevale Beach, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
South Beach - Middle Island, Chatham	[0] 0 (0)			3 (0)	A (A)	0	[0] 0 (0)			12 (0)	A (A)	0	[0] 0 (0)			[0] 0 (0)				MAS
South Beach (Nauset), Orleans	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[27] 38 (96)	[AE] I (I)	F	[0] 0 (0)			[0] 0 (0)				Orleans
South Beach (North of Break) , Chatham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
South Beach (South of Break) , Chatham	[nd] 0 (nd)			[nd] 32 (nd)	AI		[nd] 0 (nd)			[nd] 192 (nd)	AI		[nd] 0 (nd)			[nd] 0 (nd)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
South Monomoy Island, Chatham	18 (4)	N (N)	0.73 fl/pr	18026	N	0.83 fl/pr	[0] 0 (0)			595	I	P,G	[0] 0 (0)			5200	N	G		USFWS
South Sunken Meadow, Eastham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Tern Island, Chatham	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[80] 48 (0)	[A] A (A)	0	[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)			[24] 4 (16)	[A] AN (A)	0,F	[0] 0 (0)			[0] 0 (0)				NPS
BUZZARDS BAY																				
Acoaxet, Westport	[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)				MAS
Barney's Joy/Little Beach, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			192 (298)	A (A)	P	[0] 0 (0)			[0] 0 (0)				MAS
Bay Point, Swansea	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Bird Island, Marion	2031	N	0.82 fl/n	2754	N	0.84 fl/n	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				DFW
Blankenship Cove, Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Cedar Island, Wareham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Cockeast Pond (Elephant Rock), Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TNCRI
Cromeset, Wareham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Demarest Lloyd, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[19] 19 (0)	[A] A (A)	0	[0] 0 (0)			[0] 0 (0)				DCR
East Beach, Westport	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Fish Island, Fairhaven	[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			Single visit, 5/25.	DFW
Fishing Rock, Westport	[nd] 0 (nd)			[nd] 2 (nd)	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	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Haskell Island, Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Horseneck Beach, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[50] 77 (54)	[A] A (A)	P	[0] 0 (0)			[0] 0 (0)				DCR
Jug Rock, Westport	[nd] 0 (nd)			[nd] 14 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				MAS
Little Harbor Beach, Wareham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Little (Rock) Island, Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Long Beach Point, Wareham	[0] 0 (0)			[*24] 0 (0)	[A]	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			Up to 30 COTE courted & copulated in intertidal zone on 5/15 & 5/20 but did not lay eggs.	MAS
Long Island, Fairhaven	[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			[0*] nd (nd)			Single visit, 5/25.	DFW
Meadow Island, Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Nonquitt, Dartmouth	[0] 0 (0)			[5] 5 (37)	[A] A (A)	P	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Pine Island (Angelica Pt. and Strawberry Pt.) Mattapoisett	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Planting Island Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Planting Island Cove Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Ram Is., Mattapoisett	934	N	0.6 fl/n	3097	N	1.12 fl/n	[0] 0 (0)			[0] 0 (0)			1	N	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)				TNCRI
Round Hill Beach, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Round Is., Fairhaven	[0] nd (nd)			[1] nd (nd)	[N]		[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)				DFW
Salters Pond, Dartmouth	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
South Shore Marshes, Fairhaven	[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)				DFW
Speaking Rock, Westport	[nd] 0 (nd)			[nd] 12 (nd)	A		[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				MAS
Stewart's Island, Marion	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Swift's Beach, Wareham	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Timmy's Rock, Dartmouth	[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				MAS
Ward's Rock, Fairhaven	[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)				DFW
West Island, Fairhaven	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
Westport Town Beach, Westport	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Winsegansett Heights, Fairhaven	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				LCES
ELIZABETH ISLANDS																				
Barges Beach / Canapitsit, Cuttyhunk I., Gosnold	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[32] 64	[A] A	E	[0] 0 (0)			[0] 0 (0)				MAS
Churches Beach, Cuttyhunk I., Gosnold	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Copicut Neck, Cuttyhunk I., 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)			Single visit, 6/2; used for A-count.	DFW
Naushon Is. - Crescent Beach, Gosnold	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0 (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	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)			Single visit, 6/2; used for A-count.	DFW
Naushon Is. - Kettle Cove, Gosnold	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	DFW
Naushon Is. - Tarpaulin Cove, Gosnold	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	DFW
Naushon Is. - West Beach, Gosnold	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	DFW

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Naushon Is. "Robinson's Hole, Gosnold"	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	DFW
Pasque Island-Cobbly, Gosnold	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	DFW
Pasque Island-Quicks Hole, Gosnold	[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			[nd] 0* (nd)			Single visit, 6/2; used for A-count.	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)			Single visit, 6/2; used for A-count.	DFW
Penikese Island, Gosnold	38	N	1.36 fl/n	1621	N	1.46 fl/n	0.5*	A	0	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			1 unpaired ARTE, presumably male, giving advertising calls 5/28-6/19; no nest detected.	DFW
West Pd., Cuttyhunk I., Gosnold	nd (nd)			nd (nd)			nd (nd)			nd (nd)			nd (nd)			nd (nd)				
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
Beach Road Causeway, Tisbury	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Big Gravel Island, Oak Bluffs	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				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 Preserve, Edgartown	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
Caleb's Pond, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
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] 0 (1)	(N)	0	[0] 0 (0)			[20] 42 (68)	[1] N (A)	P,E	[0] 0 (0)			[0] 0 (0)				TTOR
Cedar Tree Neck, West Tisbury	[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)				BW
Chappaquiddick Point Beach, Edgartown	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC

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Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Chilmark Pond Preserve, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
Chilmark Pond, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Coskata-East Beach, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Cove Meadow Preserve, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
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 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				BW
Dogfish Bar, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (1)	(N)	0	[0] 0 (0)			[0] 0 (0)				BW
Dougs Cove Preserve, Oak Bluffs	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
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
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
Edgartown Great Pond Beach, Edgartown	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
Edys Island Chilmark	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Great Rock Bight Preserve, Chilmark	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
Harthaven Beach, Oak Bluffs	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Haystack Island, Edgartown	[0] 0 (0)			48	A	P	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
James Pond Preserve, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
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 (1)	N (N)	0	[0] 0 (0)			[0] 0 (0)				TTOR
Lighthouse Beach, Edgartown	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			1 (29)	N (A)	0	[0] 0 (0)			[0] 0 (0)				BW

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Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Little Beach / Eel Pd., Edgartown	[0] 0 (0)			285	N	0	[0] 0 (0)			[25] 417 (52)	[A] A (A)	0,P	22	N	0.59 fl/pr	[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
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 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Long Point, West Tisbury	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				TTOR
Lucy Vincent Beach, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Menemsha Neck Preserve, Aquinnah	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
Mink Meadows, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			4 (3)	I (I)	0	[0] 0 (0)			[0] 0 (0)				MAS
Moshup Beach, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
Nomans Land Island NWR Chilmark	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Norton Point Beach, Edgartown	[0] 0 (0)			[0] 0 (4)	(I)	P	[0] 0 (0)			[53] 0 (228)	[AI] (I)	0,G	[0] 0 (4)	(I)	F	[0] 0 (0)				TTOR
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] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)				BW
Pease's Pond, Edgartown	[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)			[0] nd (nd)				BW
Philbin Beach, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				BW
Quammox Preserve, Edgartown	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
Quansoo, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			36 (5)	A (A)	P	[0] 0 (0)			[0] 0 (0)				MAS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Sarsons Island, Oak Bluffs	[0] 0 (0)			[6] 3 (1)	[A] A (I)		[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Sepiessa Point Reservation, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
Seven Gates, West Tisbury	[nd] nd nd (0)			[nd] nd (0)			[nd] nd nd (0)			[nd] nd nd (0)			[nd] nd nd (0)			[nd] nd nd (0)				BW
Short Cove Preserve, West Tisbury	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				MVLBC
South Beach, Edgartown	[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)			[nd] 0 (nd)				BW
Spring Point, Chilmark	[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)			[nd] 0 (0)				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
Squibnocket Pond Reservation, Aquinnah	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
Stonewall Beach, Chilmark	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[5] 0 (8)	[A] A (A)	0	[0] 0 (0)			[0] 0 (0)				BW
Sylvia State Beach, Edgartown	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Sylvia State Beach, Oak Bluffs	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Tashmoo Preserve, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
Tisbury Great Pond Beach, West Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[36] 16 (26)	[A] I (A)	P	[0] 0 (0)			[0] 0 (0)				MVLBC
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)			1	I	0	[0] 0 (0)			[0] 0 (0)				BW
Wilfrids Pond Preserve, Tisbury	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MVLBC
Yorke-Allen Point, Edgartown	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
NANTUCKET																				

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Capaum Pond, Nantucket	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				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)			17 (16)	AN (A)	0	[0] 0 (0)			[0] 0 (0)				NCF
Coskata-West Beach, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
East Hallowell St. Nantucket	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Eel Point, Nantucket	[0] 0 (0)			22 (33)	N (N)	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)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TTOR
Hummock and West Hummock Ponds, Nantucket	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				NCF
Little Neck, Nantucket	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				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)			51	I	G	[0] 0 (0)			[0] 0 (0)				Nantucket
Monomoy Creeks, Nantucket	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				NCF
Muskeget Island, Nantucket	[10*] 149* (23*)	[A] A (A)	0*	[25*] 480* (450*)	[A] A (A)	0,P*	[0] 0 (0)			320 (360)	A (A)	0*	[0] 0 (0)			[0] 0 (28*)	(A)	0	COTE & ROST abundance estimates are rough due to difficulty distinguishing nesting vs. non-nesting birds. COTE eggs confirmed. ROST behavior strongly suggestive of eggs & chicks but not confirmed. LAGU courted but did not lay eggs.	MAS
Muskeget Shoals / Minimusk, Nantucket	nd (nd)			nd (nd)			nd (nd)			nd (nd)			nd (nd)			nd (nd)				
Nantucket NWR (Great Point), Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				USFWS

INVENTORY OF TERNS, LAUGHING GULLS, AND BLACK SKIMMERS NESTING IN MASSACHUSETTS IN 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
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
Quaise Point, Nantucket	0			0			0			0			0			0				Nantucket
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
Siasconset, Nantucket	[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)			[nd] nd (nd)				
Smith Point / Esther Is., Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			32	I	0	[0] 0 (0)			[0] 0 (0)				Nantucket, MAS
South Pastures (Madequecham Valley to Tom Nevers), Nantucket	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				NCF
Squam Pond, Nantucket	[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)			[0] 0 (nd)				NCF
The Galls, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[30] 27 (7)	[A] N (N)	P	[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 Is. - Bigelow's Point, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TLT
Tuckernuck Is. - East Pond, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TLT
Tuckernuck Is. - North Pond, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TLT
Tuckernuck Is. - Whale Point, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				TLT
UMass Field Station, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				NCF
Wanoma/Tom Nevers, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
Wauwinet, Nantucket	[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 2022

Site	Roseate Tern			Common Tern			Arctic Tern			Least Tern			Black Skimmer			Laughing Gull			Notes	Source ^c
	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		
Washing Pond Rd., Nantucket	0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)			0 (nd)				MAS
Western Ave, Nantucket	[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)			[0] 0 (0)				MAS
TOTAL, 2022	3170			27000			0.5			4131			23			5200				
TOTAL, 2021	3110			nd			1.5			5385			19			nd				
% change, 2021 - 2022	1.9			nd			-66.7			-23.3			21.1			nd				

^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.