

Family	Common name	Scientific name	Demographic parameter	Age class	Age (years)	Mean	Standard deviation	0.025 confidence interval	0.975 confidence interval	Standard error	Study area	Region	Country	Number of years in study	Data collection method (MR - mark-recapture; RR - Ring-recovery; Joint - ring-recovery and mark-recapture)	Estimation method (VR - variable recapture; CR - constant recapture)	Study Period	Reference (all references are listed in the main report)	Cited by
Terns	Common tern	<i>Sterna hirundo</i>	survival	adult		0.900	0.085				Great Gull Island; Plymouth beach	Massachusetts	US	3	MR	VR	1995-1997	Nisbet and Cam 2002	
Terns	Common tern	<i>Sterna hirundo</i>	survival	adult		0.830					Massachusetts	US		3	MR	CR	1975	Nisbet 1978	
Terns	Common tern	<i>Sterna hirundo</i>	survival	adult		0.920					Great Gull Island	New York	US	2	MR	CR	1977-1978	DiCostanzo 1980	
Terns	Common tern	<i>Sterna hirundo</i>	survival	adult		0.750					Cape Cod	US		22	MR	CR	1934-1955	Austin and Austin 1956	
Terns	Common tern	<i>Sterna hirundo</i>	survival	adult	>6	0.880					Bird Island; Ram Island; Penikese Island	Massachusetts	US	21	MR	VR	1983-2004	Breton et al 2014	
Terns	Common tern	<i>Sterna hirundo</i>	survival	adult		0.883	0.014				Average	Massachusetts	US	24				Nisbet and Cam 2002; Breton et al 2014	
Terns	Common tern	<i>Sterna hirundo</i>	survival	immature	0-4	0.143	0.026				Great Gull Island	New York	US	2	MR	CR	1977-1978	DiCostanzo 1980	
Terns	Common tern	<i>Sterna hirundo</i>	survival	immature	2	0.800					Bird Island; Ram Island; Penikese Island	Massachusetts	US	21	MR	VR	1983-2004	Breton et al 2014	
Terns	Common tern	<i>Sterna hirundo</i>	survival	immature	4	0.850					Bird Island; Ram Island; Penikese Island	Massachusetts	US	21	MR	VR	1983-2004	Breton et al 2014	
Terns	Common tern	<i>Sterna hirundo</i>	survival	immature	0-2			0.432	0.449	0.004	Banter See	Germany	Germany	2	MR	CR	2000-2001	Braasch et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	survival	senior	>20	0.760					Bird Island; Ram Island; Penikese Island	Massachusetts	US	21	MR	VR	1983-2004	Breton et al 2014	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.890	0.580				Coquet	NE England	UK	1			1996	Robinson et al 2001	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.820	0.594			0.210	E an Ruisg, L Feochan	SW Scotland	UK	8			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.670	0.688			0.260	Sgeir na Caillich, L Melfort	SW Scotland	UK	7			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.530	0.529			0.200	G. Eileanan, Sd Mull	SW Scotland	UK	7			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.770	0.563			0.230	Avoch Fish Farm	N Scotland	UK	6			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.150	0.173			0.050	St Fergus	NE Scotland	UK	12			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.910	0.381			0.110	Forth	SE Scotland	UK	12			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.030	0.626			0.140	Coquet	NE England	UK	20			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.530	0.411			0.130	Rye Meads	C England	UK	10			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.260	0.291			0.130	Hoveton Great Broad	E England	UK	5			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.280	0.374			0.100	Snettisham	E England	UK	14			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.400	0.503			0.130	Holkham	E England	UK	15			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.440	0.469			0.130	Blakeney	E England	UK	13			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.990	0.252			0.070	Breydon Water	E England	UK	13			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.370	0.311			0.110	Pitts Deep - Hurst	SE England	UK	8			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.540	0.552			0.130	Langstone Harbour	SE England	UK	18			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.050	0.716			0.160	Rye Harbour	SE England	UK	20			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.590	0.289			0.070	Brownsea Is	SW England	UK	17			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.460	0.509			0.180	Lodmoor	SW England	UK	8			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.300	0.495			0.120	Shotton	Wales	UK	17			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.590	0.720			0.240	Cemlyn	Wales	UK	9			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.610	0.313			0.070	Seaforth	NW England	UK	20			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.110	0.180			0.050	Rockliffe	NW England	UK	13			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.350	0.313			0.140	Belfast Lough	NE Ireland	UK	5			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			1.590	0.465			0.120	Rockabill	SE Ireland	UK	15			1986-2005	Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	productivity			0.764	0.470				National average	UK		292				Mavor et al 2008	
Terns	Common tern	<i>Sterna hirundo</i>	dispersal	adult		0.103	0.077				Bird Island; Ram Island; Penikese Island	Massachusetts	US	21	MR		1983-2004	Breton et al 2014	
Terns	Common tern	<i>Sterna hirundo</i>	dispersal	adult		0.042	0.054				Massachusetts	US		3	MR		1995-1997	Nisbet and Cam 2002	
Terns	Common tern	<i>Sterna hirundo</i>	dispersal	juvenile (natal)		0.070					Great Gull Island; Plymouth beach	Massachusetts	US	3	MR		1995-1997	Nisbet and Cam 2002	
Terns	Common tern	<i>Sterna hirundo</i>	age of recruitment			3.000					Banter See	Germany	Germany	8			1992-2001	Ludwigs and Becker 2002a	
Terns	Common tern	<i>Sterna hirundo</i>	age of recruitment			4.000					Massachusetts	US						Nisbet 1978	

To assess **quality**, the estimate is scored on the number of years considered by the study, the number of individuals included per year and whether an estimation of the range or error is available with the estimation. To assess **representation**, the estimate is scored on whether the data reflects a UK-based study, includes recent data (<10 years old), and whether the trajectory of the study colony reflects the current UK population trend. Consequently, this scoring system assesses representation at the national scale. Each criterion receives a 0 for “no”, 1 for “partially or unknown and therefore requiring further evaluation”, and 2 for “yes”, scoring quality and representation individually out of 6. Where an estimate combines several studies that conflict on specific criteria, a 1 was awarded to signify partial characterisation. Notation: A - adult, J - juvenile, S - stable, Mixed - mixed, I - increasing, D - decreasing, U - unknown.

Data Quality

Species	Age	Current UK pop. trend	Survival				Productivity				Age of recruitment				Missed breeding				Dispersal			
			≥5 years	>30 Individual yr ⁻¹	Range of values available	Total	≥5 years	>30 Individual yr ⁻¹	Range of values available	Total	≥5 years	>30 Individual yr ⁻¹	Range of values available	Total	≥5 years	>30 Individual yr ⁻¹	Range of values available	Total	≥5 years	>30 Individual yr ⁻¹	Range of values available	Total
Common tern	A	D	2	2	2	6	2	2	2	6	2	2	2	6	-	-	-	-	2	2	2	6
	J	D	1	2	1	4	-	-	-	-	-	-	-	-	-	-	-	-	0	2	0	2

Data Representation

Species	Age	Current UK pop. trend	Survival				Productivity				Age of recruitment				Missed breeding				Dispersal			
			UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total	UK data	Current data	Current trend	Total
Common tern	A	D	0	0	1	1	2	0	1	3	0	0	1	1	-	-	-	-	0	0	1	1
	J	D	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1