

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
Gulls	Common gull	<i>Larus canus</i>	survival	adult		0.740							Denmark	41	RR	CR	1931-1972	Halling Sørensen 1977	
Gulls	Common gull	<i>Larus canus</i>	survival	adult	>2	0.810					Matsalu Nature Reserve	Matsalu Bay	Estonia					Rattiste and Lilleleht 1987	
Gulls	Common gull	<i>Larus canus</i>	survival	adult		0.828	0.050				Matsalu Nature Reserve	Matsalu Bay	Estonia	31	MR	VR	1968-1983;1986-2002	Rattiste 2004	
Gulls	Common gull	<i>Larus canus</i>	survival	adult		0.897	0.032				Matsalu Nature Reserve	Matsalu Bay	Estonia	15	MR	VR	1968-1983	Rattiste and Lilleleht 1995	
Gulls	Common gull	<i>Larus canus</i>	survival	juvenile	0-1	0.410					Matsalu Nature Reserve	Matsalu Bay	Estonia		MR			Rattiste and Lilleleht 1987	
Gulls	Common gull	<i>Larus canus</i>	survival	immature	1-2	0.710					Matsalu Nature Reserve	Matsalu Bay	Estonia		MR			Rattiste and Lilleleht 1987	
Gulls	Common gull	<i>Larus canus</i>	productivity			1.100					Matsalu Nature Reserve	Matsalu Bay	Estonia					Rattiste and Lilleleht 1987	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.560	0.339				Hanko	N Baltic	Finland	9			1982-1991	Kilpi 1995	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.000	0.000				Blakeney Point	E England	UK	3			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.590	0.000				Bonar Bridge	N Scotland	UK	1			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.470	0.330				Fair Isle	Shetland	UK	17			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			1.060	0.000				Handa	NW Scotland	UK	1			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.010	0.000				Milli Dam, Shapinsay	Orkney	UK	1			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.850	0.474				Nigg	N Scotland	UK	10			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.950	0.000				Sandy Loch	Orkney	UK	1			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.200	0.346				Scott Weald	E England	UK	3			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.550	0.485				Whaness	Orkney	UK	3			1986-2005	Mavor et al 2008	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.486	0.349				Fair Isle	Shetland	UK	15			1996-2010	Shaw et al 2010	
Gulls	Common gull	<i>Larus canus</i>	productivity			0.543	0.391				National average		UK	38				Mavor et al 2008; Shaw et al 2010	
Gulls	Common gull	<i>Larus canus</i>	dispersal	juvenile (natal - female)		0.900					Matsalu Nature Reserve	Matsalu Bay	Estonia	31	MR		1968-1983;1986-2002	Rattiste 2004	
Gulls	Common gull	<i>Larus canus</i>	dispersal	juvenile (natal - male)		0.500					Matsalu Nature Reserve	Matsalu Bay	Estonia	31	MR		1968-1983;1986-2002	Rattiste 2004	
Gulls	Common gull	<i>Larus canus</i>	dispersal	adult		<0.030					Matsalu Nature Reserve	Matsalu Bay	Estonia	31	MR		1968-1983;1986-2002	Rattiste 2004	
Gulls	Common gull	<i>Larus canus</i>	age of recruitment			3.000					Matsalu Nature Reserve	Matsalu Bay	Estonia		MR			Rattiste and Lilleleht 1987	

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 <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total
Common gull	A	I	2	2	2	6	2	2	2	6	1	1	2	4	-	-	-	-	2	2	0	4
	J	I	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	2	2	0	4

#### 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 gull	A	I	0	0	1	1	2	1	2	5	0	0	1	1	-	-	-	-	0	0	1	1
	J	I	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1