

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	Herring gull	<i>Larus argentatus</i>	survival	adult		0.878	0.034			0.026	Isle of May	SE Scotland	UK	3	MR	VR	1989-1992	Wanless et al 1996	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	adult		0.830	0.083				Skomer	Wales	UK	32	MR	VR	1978-2010	Taylor et al 2010	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	adult		0.915					Lizard Point	NE England	UK	5	MR	CR	1980-1985	Coulson and Butterfield 1986	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	adult		0.940					Skomer; Skokholm; Grassholm	Wales	UK	1	MR	CR	1968-1969	Harris 1970	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	adult		0.935	0.141				Isle of May	SE Scotland	UK	4	RR	CR	1966-1970	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	adult		0.834	0.034				National average		UK	35				Wanless et al 1996; Taylor et al 2010	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	juvenile	0-1	0.820					Skomer; Skokholm; Grassholm	Wales	UK	2	RR	CR	1968-1969	Harris 1970	
Gulls	Herring gull	<i>Larus argentatus</i>	survival	juvenile	0-1	0.777	0.092				Isle of May	SE Scotland	UK	3	RR	CR	1966-1968	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity (age-dependent)		4	0.000					Isle of May	SE Scotland	UK	2	MR		1972-1973	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity (age-dependent)		5	0.510					Isle of May	SE Scotland	UK	2	MR		1972-1973	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity (age-dependent)		6	0.710					Isle of May	SE Scotland	UK	2	MR		1972-1973	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity (age-dependent)		>6	0.990					Isle of May	SE Scotland	UK	2	MR		1972-1973	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			1.798	0.134				Skokholm	Wales	UK	2			1970;1972	Davis 1975	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			1.993				0.156	Walney Island	NW England	UK	1			2002	Kim and Monaghan 2005a	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			0.740	0.640			0.160	Canina	NW Scotland	UK	16			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			0.840	0.396			0.140	Noss	Shetland	UK	8			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			0.980	0.330			0.080	Isle of May	SE Scotland	UK	17			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			0.770	0.298			0.090	Skomer	Wales	UK	11			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			0.700	0.398			0.120	Skokholm	Wales	UK	11			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			1.220	0.316			0.100	Bardsey	Wales	UK	10			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			1.150	0.185			0.070	Ynysodd Gwylan	Wales	UK	7			1986-2005	Mavor et al 2008	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			1.833				0.578	Farne Islands	NE England	UK	1			2010	Swann 2010	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			1.378	0.303				Isle of May	SE Scotland	UK	6			1989-1994	Wanless et al 1996	
Gulls	Herring gull	<i>Larus argentatus</i>	productivity			0.920	0.477				National average		UK	82				Kim and Monaghan 2005a; Mavor et al 2008; Swann 2010	
Gulls	Herring gull	<i>Larus argentatus</i>	incidences of non-breeding			0.350	0.028				Isle of May	SE Scotland	UK	2			1993-1994	Calladine and Harris 1997	
Gulls	Herring gull	<i>Larus argentatus</i>	dispersal	juvenile (natal)		0.450					Farne Islands	NE England	UK					Coulson 1991	
Gulls	Herring gull	<i>Larus argentatus</i>	dispersal	juvenile (natal)		0.738	0.080				Isle of May	SE Scotland	UK	3	MR		1966-1968	Chabrzyk and Coulson 1976	
Gulls	Herring gull	<i>Larus argentatus</i>	dispersal	juvenile (natal)		0.700					Isle of May	SE Scotland	UK					Coulson 1991	
Gulls	Herring gull	<i>Larus argentatus</i>	age of recruitment			5.000					Skomer; Skokholm; Grassholm	Wales	UK	2	MR		1968-1969	Harris 1970	

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
Herring gull	A	M	2	2	2	6	2	2	2	6	0	2	2	4	0	2	2	4	-	-	-	-
	J	M	2	2	2	6	0	1	0	1	-	-	-	-	-	-	-	-	1	2	2	5

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
Herring gull	A	M	2	1	1	4	2	1	1	4	2	0	1	3	2	0	1	3	-	-	-	-
	J	M	2	0	1	3	2	0	1	3	-	-	-	-	-	-	-	-	2	0	1	3