

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
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.875	0.102				Canna	NW Scotland	UK	12	MR	VR	1983-1995	Harris et al 2000b	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult	≥4	0.950					Canna	NW Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.838	0.142				Colonsay	SW Scotland	UK	5	MR	VR	1990-1995	Harris et al 2000b	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult	≥4	0.955					Colonsay	SW Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.920					Isle of May	SE Scotland	UK	18	MR	CR	1982-2001	Crespin et al 2006a	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.930					Isle of May	SE Scotland	UK	5	MR	CR	1981-1986	Harris and Wanless 1988	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.949					Isle of May	SE Scotland	UK	11	MR	VR	1982-1993	Harris and Wanless 1995	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.956	0.272				Isle of May	SE Scotland	UK	13	MR	VR	1982-1995	Harris et al 2000b	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult	≥4	0.965		0.936	0.981	0.011	Isle of May	SE Scotland	UK	20	MR	VR	1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.924		0.058			Isle of May	SE Scotland	UK	24	MR	VR	1984-2008	Lahoz-Monfort et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult	≥4	0.952					Isle of May	SE Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.915					Skomer	Wales	UK	5	MR	CR	1972-1977	Birkhead and Hudson 1977	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.955				0.006	Skomer	Wales	UK	19	MR	CR	1985-2004	Votier et al 2005	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult	≥3	0.859				0.027	Skomer	Wales	UK	20	MR	CR	1985-2005	Votier et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult	≥3	0.930	0.043				Skomer	Wales	UK	26	MR	VR	1985-2011	Meade et al 2013	
Auks	Common guillemot	<i>Uria aalge</i>	survival	adult		0.939	0.015				National average		UK	94				Lahoz-Monfort et al 2011; Reynolds et al 2011; Meade et al 2013	
Auks	Common guillemot	<i>Uria aalge</i>	survival	juvenile	0-1	0.556					Canna	NW Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	juvenile	0-1	0.560		0.535	0.585	0.013	Isle of May	SE Scotland	UK	20	MR	VR	1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	survival	juvenile	0-1	0.542					Isle of May	SE Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	0-2	0.576		0.444	0.708	0.067	Isle of May	SE Scotland	UK	17	MR	CR	1983-2001	Crespin et al 2006b	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	1-2	0.779					Canna	NW Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	2-3	0.898					Canna	NW Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	3-4	0.898					Canna	NW Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	1-2	0.792		0.718	0.850	0.034	Isle of May	SE Scotland	UK	20	MR	VR	1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	1-2	0.782					Isle of May	SE Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	2-3	0.917		0.865	0.950	0.022	Isle of May	SE Scotland	UK	20	MR	VR	1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	2-3	0.922					Isle of May	SE Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	3-4	0.938		0.874	0.970	0.024	Isle of May	SE Scotland	UK	20	MR	VR	1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	survival	immature	3-4	0.900					Isle of May	SE Scotland	UK	22	MR	VR	1983-2005	Reynolds et al 2011	
Auks	Common guillemot	<i>Uria aalge</i>	survival	senior	>19	0.880					Isle of May	SE Scotland	UK	18	MR	CR	1982-2001	Crespin et al 2006a	
Auks	Common guillemot	<i>Uria aalge</i>	productivity (experience-dependent)	>19 attempts		0.700					Isle of May	SE Scotland	UK	18	MR	CR	1982-2001	Crespin et al 2006a	
Auks	Common guillemot	<i>Uria aalge</i>	productivity (experience-dependent)	1st attempt		0.620					Isle of May	SE Scotland	UK	18	MR	CR	1982-2001	Crespin et al 2006a	
Auks	Common guillemot	<i>Uria aalge</i>	productivity (experience-dependent)	2nd attempt		0.760					Isle of May	SE Scotland	UK	18	MR	CR	1982-2001	Crespin et al 2006a	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.700					Skomer	Wales	UK	5	MR		1972-1977	Birkhead and Hudson 1977	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.790					Skomer	Wales	UK	4	MR		1985-1989	Hatchwell and Birkhead 1991	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.830	0.060			0.030	Durleston	SW England	UK	9			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.660	0.218			0.050	Fair Isle	Shetland	UK	19			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.740	0.120			0.060	Farne Islands	NE England	UK	4			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.670	0.127			0.030	Handa	NW Scotland	UK	18			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.750	0.089			0.020	Isle of May	SE Scotland	UK	20			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.670	0.131			0.030	Marwick head	Orkney	UK	19			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.670	0.160			0.040	Mull head	Orkney	UK	16			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.630	0.173			0.050	North Sutor	N Scotland	UK	12			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.610	0.200			0.050	Papa Westray	Orkney	UK	16			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.720	0.041			0.010	Skomer	Wales	UK	17			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.600	0.165			0.040	Sumburgh head	Shetland	UK	17			1986-2005	Mavor et al 2008	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.820	0.051				Skomer	Wales	UK	26	MR		1985-2011	Meade et al 2013	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.634	0.146				Isle of May	SE Scotland	UK	13			1997-2010	Newell et al 2010	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.557	0.261				Fair Isle	Shetland	UK	19			1991-2010	Shaw et al 2010	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.510					Isle of May	SE Scotland	UK	1			2004	Wanless et al 2005	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.770					Isle of May	SE Scotland	UK	1			2004	Wanless et al 2005	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.629	0.174				North	UK	117					Mavor et al 2008; Cook and Robinson 2010; Shaw et al 2010	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.659	0.133				East	UK	17					Mavor et al 2008; Cook and Robinson 2010; Newell et al 2010	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.823	0.056				West	UK	35					Mavor et al 2008; Cook and Robinson 2010; Meade et al 2013	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.552	0.161				Sumburgh head	Shetland	UK	5			1990-1991,2	Heubeck 2009	
Auks	Common guillemot	<i>Uria aalge</i>	productivity			0.672	0.147				National average		UK	169				Mavor et al 2008; Meade et al 2013; Newell et al 2010; Shaw et al 2010	
Auks	Common guillemot	<i>Uria aalge</i>	incidences of non-breeding			0.079					Isle of May	SE Scotland	UK	10	MR				
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	adult		0.007					Canna	NW Scotland	UK	9	MR		1983-1993	Harris and Wanless 1995	
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	juvenile (natal)	3-4	0.071		0.027	0.172	0.037	Isle of May	SE Scotland	UK	20			1973-1982	Swann and Ramsay 1983	
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	juvenile (natal)	4-5	0.239		0.197	0.286	0.023	Isle of May	SE Scotland	UK	20			1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	juvenile (natal)	5	0.311		0.282	0.343	0.016	Isle of May	SE Scotland	UK	20			1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	juvenile (natal)		0.213					Canna	NW Scotland	UK	9	MR		1973-1982	Swann and Ramsay 1983	
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	juvenile (natal)		0.580					Isle of May	SE Scotland	UK	11	MR		1983-1994	Harris et al 1996	
Auks	Common guillemot	<i>Uria aalge</i>	dispersal	juvenile (natal)	0-2	0.039		0.001	0.634	0.161	Isle of May	SE Scotland	UK	20			1983-2002	Harris et al 2007	
Auks	Common guillemot	<i>Uria aalge</i>	age of recruitment			7.000					Canna	NW Scotland	UK	18	MR		1974-1992	Harris et al 1994a	
Auks	Common guillemot	<i>Uria aalge</i>	age of recruitment			6.000					Isle of May	SE Scotland	UK	11	MR		1981-1992	Halley and Harris 1993	
Auks	Common guillemot	<i>Uria aalge</i>	age of recruitment			5.000					Skomer	Wales	UK	5			1972-1977	Birkhead and Hudson 1977	

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 guillemot	A	M	2	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	2	2	0	4
	J	M	2	2	2	6	2	2	2	6	-	-	-	-	-	-	-	-	2	2	2	6

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 guillemot	A	M	2	2	2	6	2	1	2	5	2	0	2	4	2	0	1	3	2	0	1	3
	J	M	2	0	1	3	2	0	1	3	-	-	-	-	-	-	-	-	2	0	1	3