

Berkshire Population Estimates: Breeding Season

Species	Geat Britain				% GB abundance	Berkshire		
	GB population	unit	reliak	Ref. yrs		Berkshire population 1	Independent estimate ²	
Blackcap	1,100,000	T	2	2009	1.36	15,000		
Bullfinch	190,000	T	2	2009	0.51	960		
Black-headed Gull	130,000	P	1	1998-2002	0.35	450		
Barn Owl	4,000	P	3	1995-7	0.51	20	60-100	<i>See species account</i>
Blue Tit	3,400,000	T	2	2009	1.31	44,000		
Buzzard	66,500	P	2	2009	0.79	520	618-873	<i>Atlas breeding data</i>
Blackbird	4,900,000	P	2	2009	0.98	48,000		
Cormorant	8,400	P	2	1998-2002	1.30	110		
Corn Bunting	11,000	T	2	2009	2.67	290		
Chiffchaff	1,100,000	T	2	2009	1.02	11,000		
Collared Dove	975,000	P	2	2009	0.84	8,200		
Canada Goose	62,000	P	3	2004-8	3.05	1,900		
Chaffinch	5,800,000	T	2	2009	0.82	48,000		
Cuckoo	15,500	P	3	2009	0.48	75		
Common Tern	10,000	P	1	2000	1.71	170		
Coot	30,000	P	3	2009	2.31	690		
Coal Tit	680,000	T	2	2009	0.74	5,000		
Cetti s Warbler	2,000	M	2	2006-10	2.28	46	44-78	<i>Atlas breeding data</i> ⁴
Carrion Crow	1,000,000	T	2	2009	0.86	8,600		
Dartford Warbler	3,250	P	1	2009	1.64	53	40	<i>Annual report, 2008</i>
Dunnock	2,300,000	T	2	2009	0.86	20,000		
Egyptian Goose	1,100	P	3	2004-8	14.00	150		
Firecrest	550	T	2	2006-10	14.44	79	81	<i>Annual report, 2008</i>
Feral Pigeon	540,000	P	2	2006-10	0.87	4,700		
Gadwall	1,190	P	2	2006-9	1.47	18	24-68	<i>Atlas breeding data</i>
Goldcrest	520,000	T	2	2009	0.99	5,100		
Great Crested Grebe	4,600	P	2	2009	3.19	150	220-250	<i>Atlas breeding data</i>
Greylag Goose	46,000	P	3	2004-8	0.74	340		
Grey Wagtail	35,000	P	3	2009	0.73	260		
Goldfinch	1,200,000	P	2	2009	0.78	9,300		
Greenfinch	1,700,000	P	2	2009	1.12	19,000		
Great Spotted Woodpecker	140,000	P	2	2009	1.80	2,500		
Great Tit	2,500,000	T	2	2009	1.38	35,000		
Garden Warbler	170,000	T	2	2009	0.92	1,600		
Green Woodpecker	52,500	P	2	2009	2.10	1,100		
Herring Gull	130,000	P	1	1998-2002	0.08	110	20 - 35	<i>Atlas breeding data</i>
House Martin	510,000	P	2	2009	0.63	3,200		
House Sparrow	5,150,000	P	2	2009	0.44	23,000		
Hobby	2,800	P	2	2009	1.92	54	24 - 46	<i>Atlas breeding data</i>
Grey Heron	12,000	P	1	2007-11	0.94	110		
Jackdaw	1,250,000	P	2	2009	1.15	14,000		
Jay	170,000	T	2	2009	1.91	3,200		
Kingfisher	4,850	P	3	2009	1.46	71	44 - 69	<i>Atlas breeding data</i>
Red Kite	1,600	P	2	2006-10	7.54	120	67-185	<i>Atlas breeding data</i>
Kestrel	45,000	P	2	2009	0.99	450		
Lesser Black-backed Gull	110,000	P	1	1998-2002	0.18	200	5-6	<i>Atlas breeding data</i> ⁶

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Little Grebe	5,300	P	2	2009	0.70	37	41-54	<i>Atlas breeding data</i>
Linnet	41,000	T	2	2009	0.56	230		
Little Owl	5,700	P	2	2009	1.00	57	51-77	<i>Atlas breeding data</i>
Little Ringed Plover	1,250	P	1	2007	1.33	17	27 - 30	<i>Atlas breeding data</i>
Long-tailed Tit	330,000	T	2	2009	1.63	5,400		
Lesser Whitethroat	74,000	T	2	2009	0.34	250		
Lapwing	130,000	P	2	2009	0.80	1,000	546-831	<i>Atlas breeding data</i>
Mallard	100,500	P	3	2009	1.23	1,200		
Magpie	550,000	P	2	2009	1.45	8,000		
Moorhen	260,000	T	2	2009	1.35	3,500		
Mandarin Duck	2,300	P	3	1988	8.04	190	114-166	<i>Atlas breeding data</i>
Meadow Pipit	1,850,000	P	2	2009	0.03	460		
Mute Swan	6,000	P	2	2009	2.26	140	260-300	<i>Atlas breeding data</i> ⁵
Marsh Tit	41,000	T	2	2009	1.49	610		
Mistle Thrush	160,000	T	2	2009	0.79	1,300		
Nuthatch	220,000	T	2	2009	1.90	4,200		
Nightingale	7,500	M	3	1999	2.32	170	166	<i>BTO survey 2012</i>
Pheasant	2,200,000	F	2	2009	0.90	20,000		
Pied-White Wagtail	455,000	P	2	2009	0.55	2,500		
Grey Partridge	43,000	T	2	2009	0.57	250		
Reed Bunting	230,000	T	2	2009	0.50	1,200		
Ring-necked Parakeet	8,600	P	####		8.68	750		
Redshank	24,000	P	2	2009	0.10	25		
Red-legged Partridge	82,000	T	2	2009	1.04	850		
Rook	990,000	P	2	2009	1.24	12,000		
Redstart	100,000	P	2	2009	0.06	60		
Reed Warbler	130,000	P	2	2009	1.05	1,400		
Robin	6,000,000	T	2	2009	1.17	70,000		
Stonechat	56,000	P	2	2009	0.14	77	42	<i>Annual Report, 2008</i>
Stock Dove	260,000	T	2	2009	1.15	3,000		
Spotted Flycatcher	33,000	T	3	2009	0.38	130		
Starling	1,800,000	P	2	2009	0.64	12,000		
Sparrowhawk	33,000	P	2	2009	0.64	210		
Swift	87,000	P	2	2009	0.86	515-1,009		
Siskin	410,000	P	3	2009	0.06	230		
Swallow	760,000	T	2	2009	0.36	2,700		
Sand Martin	104,000	N	3	2009	0.14	66-237		
Song Thrush	1,100,000	T	2	2009	0.98	11,000		
Shelduck	15,000	P	2	2009	0.16	24		
Sedge Warbler	260,000	T	2	2009	0.81	2,100		
Skylark	1,400,000	T	2	2009	0.70	9,800		
Treecreeper	180,000	T	2	2009	1.44	2,600		
Turtle Dove	14,000	T	2	2009	0.44	62		
Tawny Owl	50,000	P	2	2005	0.79	400	81-103	<i>Atlas breeding data</i> ³
Tree Pipit	88,000	P	2	2009	0.38	204-485		
Tufted Duck	17,000	P	3	2009	1.46	250		
Water Rail	1,100	T	3	2006-10	1.14	12		
Whitethroat	1,400,000	T	2	2009	0.78	11,000		
Woodcock	78,000	M	2	2003	0.51	400		

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Woodlark	3,100	P	1	2006	5.18	116-216		
Woodpigeon	5,300,000	P	2	2009	1.43	76,000		
Wren	7,700,000	T	2	2009	0.98	76,000		
Willow Tit	3,400	P	2	2009	0.48	16		
Willow Warbler	2,200,000	T	2	2009	0.16	3,500		
Yellow Wagtail	15,000	T	2	2009	0.30	45	38-51	<i>Atlas breeding data</i>
Yellowhammer	700,000	T	2	2009	0.72	5,000		

GB population estimates: Musgrove, A., Aebischer, N., Eaton, M., Hearn, R., Newson, S., Noble, D., Parsons, M., Risely, K. and Stroud, D., 2013. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 106, 64 - 100. Berkshire fraction of GB abundance provided by British Trust for Ornithology.

Units

P pairs
T territories
M males

Reliability

1 Good (usually based on direct counts)
2 Moderate (based on extrpolations of reliable counts)
3 Poor (based on assumptions and opinion in place of fieldwork)

Notes

1 Confidence intervals for the estimate of the Berkshire proportion of national abundance were better than +/- 15% for most species, for which the median is used here. For those species with lower confidence, the abundance range is shown.
2 For species with a high detection rate, Atlas breeding data have been used to estimate the population. The lower number is [confirmed tetrads x average number of birds per occupied tetrad/2] the higher [confirmed+probable tetrads x average number of birds per occupied tetrad/2].
3 Nocturnal species underestimated in breeding surveys
4 Assumes only singing males detected
5 Assumes 50% of Mute Swans recorded in timed surveys were non-breeders
6 Estimate based on abundance data includes non-breeding birds