

Breeding success of raptors in Scotland in 2020

N.B. Data in the following tables present the data submitted to the SRMS in 2020. It is important to recognise that, for the majority of species, not all breeding pairs were monitored. Thus, the numbers in these tables do not represent entire populations or provide a complete picture of breeding productivity, at either regional or national scales. To explore trends through time we would recommend that you consult the national, regional or local trends available on the SRMS website.

In order to aid understanding of the data in the following tables descriptions of some of the main headings reported against are provided below:

Home ranges checked = this is the total number of home ranges that received a visit to check for occupancy. This figure excludes records where no young were produced but no indication was given as to whether the home range was occupied or not. The number of home ranges checked is therefore likely to be a minimum figure.

Home ranges occupied by pairs = this is the total number of home ranges that were found to be occupied by a pair.

Home ranges occupied by single birds = this is the total number of home ranges that were found to be occupied by a single bird.

Further home ranges in use = this is typically the total number of additional home ranges to those occupied by pairs. This figure always includes single birds and for some species also fresh signs.

Pairs monitored = this is the total number of home ranges occupied by pairs monitored. This figure includes all nests that were reported to have reached the large chick stage.

Pairs failing early or non-breeding = this is the total number of territories occupied by pairs which produced no fledglings and where no eggs are known to have been laid. This figure excludes records where it was not reported whether eggs were laid (i.e. eggs laid was reported as outcome unknown). The number of pairs failing early or non-breeding is therefore likely to be a minimum.

Pairs known to lay eggs = this is the total number of monitored pairs laying eggs.

Pairs known to hatch eggs = this is the total number of monitored pairs hatching eggs. This figure is only from monitored home ranges and therefore excludes data for sites that were not reported to have reached the large chick stage.

Pairs known to fledge young = this is the total number of pairs producing at least one fledgling. This figure includes pairs with young last seen at large chick stage.

Minimum number of young fledged = this is the total number of young fledged regionally or nationally. This figure includes pairs with young last seen at large chick stage.

Productivity = this is based exclusively on observed numbers of fledged young. Breeding attempts that were assumed to be successful (because they reached large chick stage and were not recorded to fail) but where number of fledged young was not recorded, do not contribute to estimates of productivity. In a few instances, this means that no data were available to derive estimates of productivity, despite there being one or more (assumed) successful breeding attempts. Productivity values for these situations are expressed as "?" (rather than as "-") or, for young fledged per successful pair, "? (n=0)".

Raptor, owl and Raven nest site and home range data submitted under the Scottish Raptor Monitoring Scheme in 2020

Species	Argyll	Central Scotland	Dumfries & Galloway	Highland	Lewis & Harris	Lothian & Borders	North-east Scotland	Orkney	Shetland	South Strathclyde	Tayside	Uist	TOTAL
Osprey	23	0	19	78	-	11	25	-	-	4	38	-	198
Honey-buzzard	-	-	7	28	-	-	-	-	-	-	2	-	37
Golden Eagle	56	11	1	116	8	3	0	-	-	1	20	12	228
Sparrowhawk	4	28	1	7	0	11	0	25	10	7	18	4	115
Goshawk	-	0	28	11	-	47	0	-	-	7	14	-	107
Marsh Harrier	0	1	-	0	-	0	1	0	-	-	10	-	12
Hen Harrier	40	9	22	40	5	15	13	166	-	10	28	20	368
Red Kite	-	54	145	37	-	1	26	-	-	1	82	-	346
White-tailed Eagle	34	-	-	54	23	-	2	2	-	-	3	11	129
Buzzard	106	17	62	141	0	93	3	14	-	7	257	18	718
Barn Owl	96	126	164	50	-	44	0	-	-	24	19	-	523
Tawny Owl	38	35	23	44	-	18	0	-	-	0	7	-	165
Little Owl	-	-	-	-	-	2	-	-	-	-	-	-	2
Long-eared Owl	2	5	0	4	-	11	0	4	-	2	9	1	38
Short-eared Owl	12	2	3	1	-	7	0	65	-	3	27	0	120
Kestrel	23	33	18	23	2	48	0	35	-	1	58	6	247
Merlin	0	5	12	55	3	41	67	44	60	4	31	6	328
Hobby	-	-	-	1	-	0	-	-	-	-	7	-	8
Peregrine	38	24	81	42	0	137	17	19	6	61	61	5	491
Raven	87	42	38	17	5	31	0	48	17	35	12	18	350
TOTAL:	559	392	624	749	46	520	154	422	93	167	703	101	4530

Raptor, Owl and Raven breeding attempts monitored under the Scottish Raptor Monitoring Scheme in 2020

Species	Argyll	Central Scotland	Dumfries & Galloway	Highland	Lewis & Harris	Lothian & Borders	North-east Scotland	Orkney	Shetland	South Strathclyde	Tayside	Uist	TOTAL
Osprey	15	0	13	49	-	10	19	-	-	3	19	-	128
Honey-buzzard	-	-	2	1	-	-	-	-	-	-	0	-	3
Golden Eagle	46	7	1	72	5	1	0	-	-	1	13	8	154
Sparrowhawk	2	21	1	5	0	8	0	14	9	5	11	2	78
Goshawk	-	0	19	9	-	35	0	-	-	2	4	-	69
Marsh Harrier	0	1	-	0	-	0	1	0	-	-	4	-	6
Hen Harrier	27	2	9	13	3	9	8	49	-	5	8	12	145
Red Kite	-	24	119	25	-	1	17	-	-	1	40	-	227
White-tailed Eagle	34	-	-	41	19	-	2	2	-	-	2	9	109
Buzzard	36	12	27	104	0	60	0	10	-	6	165	14	434
Barn Owl	54	73	79	41	-	27	0	-	-	18	12	-	304
Tawny Owl	17	10	7	32	-	12	0	-	-	0	5	-	83
Little Owl	-	-	-	-	-	0	-	-	-	-	-	-	0
Long-eared Owl	2	4	0	4	-	8	0	0	-	2	6	0	26
Short-eared Owl	4	0	1	0	-	4	0	12	-	3	12	0	36
Kestrel	11	23	6	16	0	28	0	4	-	0	30	5	123
Merlin	0	1	4	20	2	14	22	4	21	1	15	6	110
Hobby	-	-	-	0	-	0	-	-	-	-	2	-	2
Peregrine	13	13	41	11	0	43	10	9	0	30	33	3	206
Raven	37	20	19	13	4	20	0	41	9	15	5	11	194
TOTAL:	298	211	348	456	33	280	79	145	39	92	386	70	2437

Breeding success of Osprey in Scotland in 2020

Region	Breeding sites checked	Breeding sites occupied by pairs	Breeding sites occupied by single birds	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	23	17	0	15	0	15	15	13	23	1.7 (n=12)	1.5	1.5
- Argyll Mainland	21	15	0	13	0	13	13	11	19	1.6 (n=10)	1.4	1.4
- Bute	2	2	0	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
Dumfries & Galloway	19	14	1	13	2	11	10	10	22	2.2 (n=10)	2.0	1.7
Highland	78	50	7	49	2	47	44	42	82	2.0 (n=42)	1.7	1.7
- Badenoch & Strathspey	1	1	0	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Caithness	2	2	0	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Inverness-shire	14	10	0	10	0	10	10	9	12	1.3 (n=9)	1.2	1.2
- Lochaber	4	4	0	4	1	3	3	3	8	2.7 (n=3)	2.7	2.0
- Nairn	1	0	1	0	0	0	0	0	0	-	-	-
- Ross-shire	33	20	4	20	0	20	18	17	34	2.0 (n=17)	1.7	1.7
- Sutherland	22	12	2	12	1	11	10	10	21	2.1 (n=10)	1.9	1.8
- West Moray	1	1	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
Lothian & Borders	11	10	0	10	1	9	7	7	17	2.4 (n=7)	1.9	1.7
- Lothian	1	1	0	1	0	1	0	0	0	-	-	-
- Scottish Borders	10	9	0	9	1	8	7	7	17	2.4 (n=7)	2.1	1.9
North-east Scotland	25	19	1	19	0	17	13	13	26	2.0 (n=13)	1.5	1.4
- Aberdeenshire	24	19	1	19	0	17	13	13	26	2.0 (n=13)	1.5	1.4
- East Moray	1	0	0	0	0	0	0	0	0	-	-	-
South Strathclyde	4	3	1	3	0	3	3	3	5	1.7 (n=3)	1.7	1.7
- Ayrshire	2	2	0	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- Inverclyde	1	1	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- South Lanarkshire	1	0	1	0	0	0	0	0	0	-	-	-
Tayside	38	21	1	19	0	19	18	18	28	1.5 (n=17)	1.4	1.4
- Angus	15	10	0	8	0	8	7	7	14	2.0 (n=7)	1.8	1.8
- Fife	1	0	1	0	0	0	0	0	0	-	-	-
- Perth & Kinross	22	11	0	11	0	11	11	11	14	1.2 (n=10)	1.2	1.2
TOTAL:	198	134	11	128	5	121	110	106	203	1.9 (n=104)	1.7	1.6

Breeding success of Honey-buzzard in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Additional home ranges with single birds	Pair occupied home ranges monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Dumfries & Galloway	7	2	2	2	0	1	1	0	0	-	-	-
Highland	28	8	6	1	0	1	1	1	1	? (n=0)	?	?
- Badenoch & Strathspey	4	0	2	0	0	0	0	0	0	-	-	-
- Inverness-shire	11	6	1	1	0	1	1	1	1	? (n=0)	?	?
- Lochaber	1	0	0	0	0	0	0	0	0	-	-	-
- Nairn	1	1	0	0	0	0	0	0	0	-	-	-
- Ross-shire	7	0	2	0	0	0	0	0	0	-	-	-
- West Moray	4	1	1	0	0	0	0	0	0	-	-	-
Tayside	2	0	0	0	0	0	0	0	0	-	-	-
- Angus	2	0	0	0	0	0	0	0	0	-	-	-
TOTAL:	37	10	8	3	0	2	2	1	1	-	-	-

Breeding success of Golden Eagle in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Of which immature pairs ¹	Further home ranges in use (single birds or fresh signs)	Pairs monitored	Failed early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	56	51	0	1	46	5	38	25	20	21	0.9 (n=18)	0.5	0.4
- Argyll Islands	20	20	0	0	19	2	14	7	7	7	1.0 (n=7)	0.5	0.4
- Argyll Mainland	35	31	0	1	27	3	24	18	13	14	0.9 (n=11)	0.5	0.4
- Bute	1	0	0	0	0	0	0	0	0	0	-	-	-
Central Scotland	11	9	1	0	7	1	5	5	5	6	1.2 (n=5)	1.2	0.9
- Stirling	11	9	1	0	7	1	5	5	5	6	1.2 (n=5)	1.2	0.9
Highland	116	94	6	11	72	20	45	38	36	44	1.2 (n=36)	1.0	0.6
- Badenoch & Strathspey	21	18	2	1	17	3	13	11	11	16	1.5 (n=11)	1.2	0.9
- Inverness-shire	21	17	1	2	10	3	6	5	5	5	1.0 (n=5)	0.8	0.5
- Isle of Skye	3	2	0	1	2	1	1	1	1	1	1.0 (n=1)	1.0	0.5
- Lochaber	15	14	2	0	10	2	5	5	4	5	1.2 (n=4)	1.0	0.5
- Ross-shire	27	17	0	5	9	0	7	6	6	7	1.2 (n=6)	1.0	0.8
- Small Isles	3	3	0	0	3	0	3	1	1	1	1.0 (n=1)	0.3	0.3
- Sutherland	26	23	1	2	21	11	10	9	8	9	1.1 (n=8)	0.9	0.4
Lewis & Harris	8	8	0	0	5	0	5	5	3	3	1.0 (n=3)	0.6	0.6
- Harris	4	4	0	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- Lewis	4	4	0	0	4	0	4	4	2	2	1.0 (n=2)	0.5	0.5
Lothian & Borders	3	1	0	0	1	0	1	1	0	0	-	-	-
- Scottish Borders	3	1	0	0	1	0	1	1	0	0	-	-	-
South-west Scotland	2	2	0	0	2	0	2	2	1	1	1.0 (n=1)	0.5	0.5
Tayside	20	14	1	4	13	3	9	9	9	13	1.4 (n=9)	1.4	1.0
- Angus	1	1	0	0	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Perth & Kinross	19	13	1	4	12	3	8	8	8	11	1.4 (n=8)	1.4	0.9
Uist	12	12	0	0	8	1	4	4	4	4	1.0 (n=4)	1.0	0.5
- Benbecula	2	2	0	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- South Uist	10	10	0	0	7	1	3	3	3	3	1.0 (n=3)	1.0	0.4
TOTAL:	228	191	8	16	154	30	109	89	78	92	1.2 (n=76)	0.8	0.6

¹These immature pairs are included in the column 'Home ranges occupied by pairs'. Pairs consisting of either one or two birds with immature plumage are treated as immature pairs.

Breeding success of Sparrowhawk in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	4	2	2	0	2	2	2	8	4.0 (n=2)	4.0	4.0
- Argyll Islands	3	1	1	0	1	1	1	5	5.0 (n=1)	5.0	5.0
- Argyll Mainland	1	1	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
Central Scotland	28	24	21	0	21	18	18	44	2.4 (n=18)	2.1	2.1
- Dunbartonshire	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Glasgow	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- North Lanarkshire	14	12	12	0	12	10	10	30	3.0 (n=10)	2.5	2.5
- Stirling	12	10	7	0	7	6	6	11	1.8 (n=6)	1.6	1.6
Dumfries & Galloway	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
Highland	7	5	5	0	5	4	4	11	2.5 (n=3)	2.0	2.0
- Caithness	1	1	1	0	1	1	1	4	4.0 (n=1)	4.0	4.0
- Inverness-shire	2	2	2	0	2	2	2	6	3.0 (n=2)	3.0	3.0
- Nairn	1	1	1	0	1	1	1	1	? (n=0)	?	?
- Ross-shire	1	0	0	0	0	0	0	0	-	-	-
- West Moray	2	1	1	0	1	0	0	0	-	-	-
Lothian & Borders	11	9	8	0	7	7	7	18	2.6 (n=7)	2.6	2.2
- Lothian	6	5	5	0	4	4	4	8	2.0 (n=4)	2.0	1.6
- Scottish Borders	5	4	3	0	3	3	3	10	3.3 (n=3)	3.3	3.3
Orkney	25	14	14	4	10	10	3	6	2.0 (n=3)	0.6	0.4
- Hoy	4	2	2	2	0	0	0	0	-	-	-
- Mainland	19	12	12	2	10	10	3	6	2.0 (n=3)	0.6	0.5
- South Ronaldsay	2	0	0	0	0	0	0	0	-	-	-
Shetland	10	9	9	0	9	8	7	16	2.3 (n=7)	1.8	1.8
- Mainland	10	9	9	0	9	8	7	16	2.3 (n=7)	1.8	1.8
South Strathclyde	7	6	5	0	5	5	5	5	0.8 (n=4)	0.8	0.8
- Arran & Cumbrae	7	6	5	0	5	5	5	5	0.8 (n=4)	0.8	0.8
Tayside	18	11	11	0	11	11	11	29	2.6 (n=11)	2.6	2.6
- Fife	8	6	6	0	6	6	6	20	3.3 (n=6)	3.3	3.3
- Perth & Kinross	10	5	5	0	5	5	5	9	1.8 (n=5)	1.8	1.8

Breeding success of Sparrowhawk in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Uist	4	3	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- South Uist	4	3	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
TOTAL:	115	84	78	4	73	68	60	142	2.4 (n=58)	2.0	1.9

Breeding success of Goshawk in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Further home ranges in use (single birds or fresh signs)	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Dumfries & Galloway	28	20	3	19	0	19	19	17	33	1.9 (n=17)	1.7	1.7
Highland	11	10	1	9	0	9	9	9	19	2.1 (n=9)	2.1	2.1
- Badenoch & Strathspey	7	7	0	6	0	6	6	6	16	2.7 (n=6)	2.7	2.7
- Inverness-shire	2	2	0	2	0	2	2	2	2	1.0 (n=2)	1.0	1.0
- Lochaber	1	1	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- West Moray	1	0	1	0	0	0	0	0	0	-	-	-
Lothian & Borders	47	39	1	35	0	35	33	31	73	2.4 (n=31)	2.1	2.1
- Lothian	1	1	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- Scottish Borders	46	38	1	34	0	34	32	30	70	2.3 (n=30)	2.1	2.1
South Strathclyde	7	5	2	2	0	2	2	2	2	1.0 (n=2)	1.0	1.0
- Ayrshire	7	5	2	2	0	2	2	2	2	1.0 (n=2)	1.0	1.0
Tayside	14	7	5	4	0	3	2	2	3	1.5 (n=2)	1.0	0.8
- Angus	4	3	1	3	0	2	1	1	1	1.0 (n=1)	0.5	0.3
- Fife	1	0	0	0	0	0	0	0	0	-	-	-
- Perth & Kinross	9	4	4	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
TOTAL:	107	81	12	69	0	68	65	61	130	2.1 (n=61)	1.9	1.9

Breeding success of Marsh Harrier in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Additional home ranges with single birds	Pair occupied home ranges monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Central Scotland	1	1	0	1	0	1	1	1	4	4.0 (n=1)	4.0	4.0
- Clackmannanshire	1	1	0	1	0	1	1	1	4	4.0 (n=1)	4.0	4.0
North-east Scotland	1	1	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- Aberdeenshire	1	1	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
Tayside	10	6	1	4	0	3	3	3	11	3.7 (n=3)	3.7	2.8
- Fife	2	0	0	0	0	0	0	0	0	-	-	-
- Perth & Kinross	8	6	1	4	0	3	3	3	11	3.7 (n=3)	3.7	2.8
TOTAL:	12	8	1	6	0	5	5	5	18	3.6 (n=5)	3.6	3.0

Breeding success of Hen Harrier in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Home ranges occupied by single birds	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	40	29	3	27	0	27	26	22	70	3.2 (n=22)	2.6	2.6
- Argyll Islands	8	8	0	7	0	7	7	7	26	3.7 (n=7)	3.7	3.7
- Argyll Mainland	32	21	3	20	0	20	19	15	44	2.9 (n=15)	2.2	2.2
Central Scotland	9	3	2	2	0	2	2	2	5	2.5 (n=2)	2.5	2.5
- Arrochar & Helensburgh	9	3	2	2	0	2	2	2	5	2.5 (n=2)	2.5	2.5
Dumfries & Galloway	22	9	0	9	0	9	9	7	22	3.1 (n=7)	2.4	2.4
Highland	40	15	2	13	0	12	10	7	17	2.4 (n=7)	1.4	1.3
- Badenoch & Strathspey	8	5	1	5	0	5	4	3	9	3.0 (n=3)	1.8	1.8
- Caithness	2	0	0	0	0	0	0	0	0	-	-	-
- Inverness-shire	9	0	0	0	0	0	0	0	0	-	-	-
- Nairn	3	0	0	0	0	0	0	0	0	-	-	-
- Ross-shire	1	1	0	1	0	1	1	0	0	-	-	-
- Small Isles	1	1	0	0	0	0	0	0	0	-	-	-
- Sutherland	8	5	1	4	0	3	2	2	2	1.0 (n=2)	0.7	0.5
- West Moray	8	3	0	3	0	3	3	2	6	3.0 (n=2)	2.0	2.0
Lewis & Harris	5	5	0	3	0	3	3	3	7	2.3 (n=3)	2.3	2.3
- Lewis	5	5	0	3	0	3	3	3	7	2.3 (n=3)	2.3	2.3
Lothian & Borders	15	9	2	9	1	8	7	7	15	2.1 (n=7)	1.9	1.7
- Scottish Borders	15	9	2	9	1	8	7	7	15	2.1 (n=7)	1.9	1.7
North-east Scotland	13	8	1	8	0	8	8	7	18	2.6 (n=7)	2.2	2.2
- Aberdeenshire	1	1	0	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- East Moray	12	7	1	7	0	7	7	6	16	2.7 (n=6)	2.3	2.3
Orkney	166	49	5	49	24	25	23	13	26	2.0 (n=13)	1.0	0.5
- Eday	6	5	0	5	1	4	4	3	4	1.3 (n=3)	1.0	0.8
- Hoy	24	8	1	8	6	2	2	2	5	2.5 (n=2)	2.5	0.6
- Mainland	136	36	4	36	17	19	17	8	17	2.1 (n=8)	0.9	0.5
South Strathclyde	10	5	0	5	1	4	4	3	11	3.7 (n=3)	2.8	2.2
- Ayrshire	2	0	0	0	0	0	0	0	0	-	-	-
- South Lanarkshire	8	5	0	5	1	4	4	3	11	3.7 (n=3)	2.8	2.2

Breeding success of Hen Harrier in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Home ranges occupied by single birds	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Tayside	28	8	3	8	0	8	7	7	19	2.7 (n=7)	2.4	2.4
- Angus	5	1	0	1	0	1	0	0	0	-	-	-
- Perth & Kinross	23	7	3	7	0	7	7	7	19	2.7 (n=7)	2.7	2.7
Uist	20	14	0	12	0	11	11	11	26	2.4 (n=11)	2.4	2.2
- Benbecula	2	2	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- North Uist	1	0	0	0	0	0	0	0	0	-	-	-
- South Uist	17	12	0	11	0	10	10	10	23	2.3 (n=10)	2.3	2.1
TOTAL:	368	154	18	145	26	117	110	89	236	2.7 (n=89)	2.0	1.6

Breeding success of Red Kite in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Central Scotland	54	33	24	3	21	16	12	20	1.7 (n=12)	1.0	0.8
- Stirling	54	33	24	3	21	16	12	20	1.7 (n=12)	1.0	0.8
Dumfries & Galloway	145	122	119	0	119	113	107	135	0.8 (n=61)	0.7	0.7
Highland	37	29	25	1	24	21	20	41	2.0 (n=20)	1.7	1.6
- Badenoch & Strathspey	1	1	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- Inverness-shire	8	5	3	0	3	3	3	4	1.3 (n=3)	1.3	1.3
- Ross-shire	24	19	17	1	16	14	13	27	2.1 (n=13)	1.7	1.6
- Sutherland	3	3	3	0	3	3	3	7	2.3 (n=3)	2.3	2.3
- West Moray	1	1	1	0	1	0	0	0	-	-	-
Lothian & Borders	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Unknown	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
North-east Scotland	26	19	17	0	17	17	16	29	1.8 (n=15)	1.6	1.6
- Aberdeenshire	26	19	17	0	17	17	16	29	1.8 (n=15)	1.6	1.6
South Strathclyde	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- South Lanarkshire	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
Tayside	82	48	40	0	40	33	31	56	1.8 (n=30)	1.4	1.4
- Angus	21	12	9	0	9	9	9	14	1.6 (n=9)	1.6	1.6
- Perth & Kinross	61	36	31	0	31	24	22	42	1.9 (n=21)	1.3	1.3
TOTAL:	346	253	227	4	223	202	188	284	1.7 (n=140)	1.4	1.4

Breeding success of White-tailed Eagle in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	34	34	34	30	30	26	30	1.2 (n=26)	1.0	0.9
- Argyll Islands	30	30	30	26	26	22	26	1.2 (n=22)	1.0	0.9
- Argyll Mainland	4	4	4	4	4	4	4	1.0 (n=4)	1.0	1.0
Highland	54	51	41	35	29	25	36	1.4 (n=25)	1.0	0.9
- Badenoch & Strathspey	2	2	2	2	2	2	3	1.5 (n=2)	1.5	1.5
- Inverness-shire	1	1	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Isle of Skye	22	22	14	11	10	9	15	1.7 (n=9)	1.4	1.1
- Lochaber	6	6	5	3	3	3	3	1.0 (n=3)	1.0	0.6
- Ross-shire	10	8	7	7	6	3	4	1.3 (n=3)	0.6	0.6
- Small Isles	4	4	4	4	1	1	1	1.0 (n=1)	0.2	0.2
- Sutherland	9	8	8	7	6	6	9	1.5 (n=6)	1.3	1.1
Lewis & Harris	23	23	19	17	15	13	17	1.2 (n=12)	0.9	0.8
- Harris	4	4	3	2	2	1	1	? (n=0)	?	?
- Lewis	19	19	16	15	13	12	16	1.3 (n=12)	1.1	1.0
North-east Scotland	2	2	2	1	1	1	2	2.0 (n=1)	2.0	1.0
- Aberdeenshire	2	2	2	1	1	1	2	2.0 (n=1)	2.0	1.0
Orkney	2	2	2	2	2	2	4	2.0 (n=2)	2.0	2.0
- Hoy	2	2	2	2	2	2	4	2.0 (n=2)	2.0	2.0
Tayside	3	2	2	2	2	1	1	1.0 (n=1)	0.5	0.5
- Angus	1	1	1	1	1	0	0	-	-	-
- Fife	1	1	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Perth & Kinross	1	0	0	0	0	0	0	-	-	-
Uist	11	11	9	8	8	8	8	1.0 (n=8)	1.0	0.9
- Barra	1	1	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Benbecula	1	1	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- North Uist	3	3	3	3	3	3	3	1.0 (n=3)	1.0	1.0
- South Uist	6	6	4	3	3	3	3	1.0 (n=3)	1.0	0.8
TOTAL:	129	125	109	95	87	76	98	1.3 (n=75)	1.0	0.9

Breeding success of Buzzard in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Home ranges occupied by single birds	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	106	69	10	36	0	36	36	35	61	1.7 (n=35)	1.7	1.7
- Argyll Islands	47	35	1	11	0	11	11	11	16	1.5 (n=11)	1.5	1.5
- Argyll Mainland	25	21	2	17	0	17	17	16	32	2.0 (n=16)	1.9	1.9
- Bute	34	13	7	8	0	8	8	8	13	1.6 (n=8)	1.6	1.6
Central Scotland	17	12	1	12	2	10	9	9	20	2.2 (n=9)	2.0	1.7
- Stirling	17	12	1	12	2	10	9	9	20	2.2 (n=9)	2.0	1.7
Dumfries & Galloway	62	43	1	27	1	25	24	23	35	1.4 (n=21)	1.3	1.2
Highland	141	108	0	104	0	103	82	79	144	1.8 (n=79)	1.4	1.4
- Badenoch & Strathspey	21	21	0	21	0	21	18	18	40	2.2 (n=18)	1.9	1.9
- Caithness	2	2	0	2	0	2	2	2	6	3.0 (n=2)	3.0	3.0
- Inverness-shire	13	13	0	13	0	12	11	10	18	1.8 (n=10)	1.5	1.4
- Ross-shire	98	65	0	62	0	62	46	44	71	1.6 (n=44)	1.1	1.1
- Sutherland	7	7	0	6	0	6	5	5	9	1.8 (n=5)	1.5	1.5
Lothian & Borders	93	71	0	60	0	55	54	53	87	1.3 (n=37)	1.3	1.2
- Lothian	22	22	0	22	0	22	22	21	46	2.2 (n=21)	2.1	2.1
- Scottish Borders	71	49	0	38	0	33	32	32	41	0.8 (n=16)	0.8	0.7
North-east Scotland	3	2	0	0	0	0	0	0	0	-	-	-
- Aberdeenshire	3	2	0	0	0	0	0	0	0	-	-	-
Orkney	14	10	1	10	3	7	7	6	10	1.7 (n=6)	1.4	1.0
- Eday	4	3	0	3	0	3	3	3	6	2.0 (n=3)	2.0	2.0
- Hoy	1	1	0	1	1	0	0	0	0	-	-	-
- Mainland	9	6	1	6	2	4	4	3	4	1.3 (n=3)	1.0	0.7
South Strathclyde	7	6	1	6	0	6	6	6	8	0.8 (n=3)	0.8	0.8
- Arran & Cumbrae	3	2	1	2	0	2	2	2	2	? (n=0)	?	?
- Ayrshire	4	4	0	4	0	4	4	4	6	1.2 (n=3)	1.2	1.2
Tayside	257	185	6	165	0	157	157	157	215	1.3 (n=146)	1.3	1.2
- Angus	115	107	1	98	0	95	95	95	118	1.2 (n=95)	1.2	1.2
- Fife	34	24	1	23	0	18	18	18	27	1.4 (n=17)	1.4	1.1
- Perth & Kinross	108	54	4	44	0	44	44	44	70	1.4 (n=34)	1.4	1.4

Breeding success of Buzzard in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Home ranges occupied by single birds	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Uist	18	16	0	14	0	13	12	12	20	1.6 (n=11)	1.5	1.4
- Benbecula	2	2	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- North Uist	5	4	0	3	0	3	3	3	3	0.7 (n=2)	0.7	0.7
- South Uist	11	10	0	10	0	9	8	8	14	1.8 (n=8)	1.6	1.4
TOTAL:	718	522	20	434	6	412	387	380	600	1.6 (n=347)	1.5	1.4

Breeding success of Barn Owl in Scotland in 2020

Region	Nest sites checked	Nest sites occupied by pairs	Nest sites occupied by single birds	Pairs monitored	Failed early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	96	58	7	54	1	53	50	48	226	4.7 (n=48)	4.3	4.2
- Argyll Islands	5	2	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- Argyll Mainland	89	54	7	51	1	50	47	45	221	4.9 (n=45)	4.4	4.3
- Bute	2	2	0	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
Central Scotland	126	87	3	73	0	73	73	73	211	2.9 (n=73)	2.9	2.9
- Arrochar & Helensburgh	2	2	0	2	0	2	2	2	2	1.0 (n=2)	1.0	1.0
- Clackmannanshire	8	7	1	5	0	5	5	5	12	2.4 (n=5)	2.4	2.4
- Falkirk	15	10	1	9	0	9	9	9	9	1.0 (n=9)	1.0	1.0
- North Lanarkshire	18	13	0	13	0	13	13	13	32	2.5 (n=13)	2.5	2.5
- Stirling	83	55	1	44	0	44	44	44	156	3.5 (n=44)	3.5	3.5
Dumfries & Galloway	164	82	16	79	1	78	74	73	270	3.7 (n=73)	3.5	3.4
Highland	50	41	3	41	0	40	40	39	116	2.9 (n=38)	2.9	2.8
- Badenoch & Strathspey	4	2	0	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- Caithness	7	6	1	6	0	6	6	6	16	2.7 (n=6)	2.7	2.7
- Inverness-shire	6	5	0	5	0	5	5	5	15	3.0 (n=5)	3.0	3.0
- Lochaber	1	1	0	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Ross-shire	19	15	2	15	0	14	14	13	36	2.8 (n=13)	2.6	2.4
- Sutherland	13	12	0	12	0	12	12	12	43	3.5 (n=11)	3.5	3.5
Lothian & Borders	44	36	2	27	0	27	27	26	72	2.8 (n=26)	2.7	2.7
- Lothian	1	1	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- Scottish Borders	43	35	2	26	0	26	26	25	71	2.8 (n=25)	2.7	2.7
South Strathclyde	24	19	4	18	0	18	18	18	43	2.4 (n=18)	2.4	2.4
- Ayrshire	5	4	0	3	0	3	3	3	17	5.7 (n=3)	5.7	5.7
- Inverclyde	1	0	1	0	0	0	0	0	0	-	-	-
- Renfrewshire	18	15	3	15	0	15	15	15	26	1.7 (n=15)	1.7	1.7
Tayside	19	14	5	12	0	12	12	12	37	3.1 (n=12)	3.1	3.1
- Fife	3	2	1	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- Perth & Kinross	16	12	4	10	0	10	10	10	33	3.3 (n=10)	3.3	3.3
TOTAL:	523	337	40	304	2	301	294	289	975	3.4 (n=288)	3.2	3.2

Breeding success of Tawny Owl in Scotland in 2020

Region	Nest sites checked	Nest sites occupied by pairs	Pairs monitored	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	38	19	17	17	15	15	30	2.0 (n=15)	1.8	1.8
- Argyll Islands	1	1	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Argyll Mainland	37	18	16	16	14	14	29	2.1 (n=14)	1.8	1.8
Central Scotland	35	20	10	10	9	8	28	3.5 (n=8)	2.8	2.8
- Falkirk	1	0	0	0	0	0	0	-	-	-
- Stirling	34	20	10	10	9	8	28	3.5 (n=8)	2.8	2.8
Dumfries & Galloway	23	10	7	7	6	6	15	2.5 (n=6)	2.1	2.1
Highland	44	33	32	32	29	28	55	2.0 (n=28)	1.7	1.7
- Badenoch & Strathspey	6	3	3	3	3	3	5	1.7 (n=3)	1.7	1.7
- Inverness-shire	7	7	6	6	6	6	17	2.8 (n=6)	2.8	2.8
- Ross-shire	31	23	23	23	20	19	33	1.7 (n=19)	1.4	1.4
Lothian & Borders	18	17	12	12	12	12	29	2.4 (n=12)	2.4	2.4
- Scottish Borders	18	17	12	12	12	12	29	2.4 (n=12)	2.4	2.4
Tayside	7	6	5	5	5	5	11	2.2 (n=5)	2.2	2.2
- Fife	2	2	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Perth & Kinross	5	4	4	4	4	4	10	2.5 (n=4)	2.5	2.5
TOTAL:	165	105	83	83	76	74	168	2.3 (n=74)	2.0	2.0

Breeding success of Little Owl in Scotland in 2020

Region	Nest sites checked	Nest sites occupied by pairs	Nest sites occupied by single birds	Pairs monitored	Failed early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Lothian & Borders	2	0	2	0	0	0	0	0	0	-	-	-
- Scottish Borders	2	0	2	0	0	0	0	0	0	-	-	-
TOTAL:	2	0	2	0	0	0	0	0	0	-	-	-

Breeding success of Long-eared Owl in Scotland in 2020

Region	Known territories checked for occupation	Pairs found	Pairs monitored	Pairs known to lay eggs	Pairs known to fledge young	Minimum number of fledged young	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	2	2	2	2	2	6	3.0 (n=2)	3.0	3.0
- Argyll Mainland	2	2	2	2	2	6	3.0 (n=2)	3.0	3.0
Central Scotland	5	5	4	4	4	9	2.2 (n=4)	2.2	2.2
- Arrochar & Helensburgh	1	1	1	1	1	2	2.0 (n=1)	2.0	2.0
- Clackmannanshire	2	2	2	2	2	5	2.5 (n=2)	2.5	2.5
- Stirling	2	2	1	1	1	2	2.0 (n=1)	2.0	2.0
Highland	4	4	4	4	4	10	2.5 (n=4)	2.5	2.5
- Badenoch & Strathspey	2	2	2	2	2	6	3.0 (n=2)	3.0	3.0
- Ross-shire	1	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Small Isles	1	1	1	1	1	3	3.0 (n=1)	3.0	3.0
Lothian & Borders	11	8	8	8	8	15	1.8 (n=7)	1.8	1.8
- Lothian	3	2	2	2	2	5	2.5 (n=2)	2.5	2.5
- Scottish Borders	8	6	6	6	6	10	1.5 (n=5)	1.5	1.5
Orkney	4	0	0	0	0	0	-	-	-
- Hoy	1	0	0	0	0	0	-	-	-
- Mainland	3	0	0	0	0	0	-	-	-
South Strathclyde	2	2	2	2	2	2	1.0 (n=2)	1.0	1.0
- Ayrshire	2	2	2	2	2	2	1.0 (n=2)	1.0	1.0
Tayside	9	7	6	6	6	14	2.3 (n=6)	2.3	2.3
- Angus	6	4	4	4	4	9	2.2 (n=4)	2.2	2.2
- Perth & Kinross	3	3	2	2	2	5	2.5 (n=2)	2.5	2.5
Uist	1	0	0	0	0	0	-	-	-
- North Uist	1	0	0	0	0	0	-	-	-
TOTAL:	38	28	26	26	26	56	2.2 (n=25)	2.2	2.2

Breeding success of Short-eared Owl in Scotland in 2020

Region	Sites checked	Pairs found	Additional single birds recorded	Pairs monitored	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	12	7	2	4	3	3	3	5	1.7 (n=3)	1.7	1.2
- Argyll Islands	4	2	0	1	0	0	0	0	-	-	-
- Argyll Mainland	8	5	2	3	3	3	3	5	1.7 (n=3)	1.7	1.7
Central Scotland	2	2	0	0	0	0	0	0	-	-	-
- Stirling	2	2	0	0	0	0	0	0	-	-	-
Dumfries & Galloway	3	3	0	1	1	1	1	5	5.0 (n=1)	5.0	5.0
Highland	1	0	0	0	0	0	0	0	-	-	-
- Badenoch & Strathspey	1	0	0	0	0	0	0	0	-	-	-
Lothian & Borders	7	6	0	4	4	4	4	4	0.8 (n=3)	0.8	0.8
- Lothian	2	2	0	1	1	1	1	1	1.0 (n=1)	1.0	1.0
- Scottish Borders	5	4	0	3	3	3	3	3	0.7 (n=2)	0.7	0.7
Orkney	65	12	8	12	7	7	7	10	1.4 (n=7)	1.4	0.8
- Eday	12	6	4	6	5	5	5	7	1.4 (n=5)	1.4	1.2
- Mainland	53	6	4	6	2	2	2	3	1.5 (n=2)	1.5	0.5
South Strathclyde	3	3	0	3	3	3	3	8	2.7 (n=3)	2.7	2.7
- South Lanarkshire	3	3	0	3	3	3	3	8	2.7 (n=3)	2.7	2.7
Tayside	27	14	4	12	12	12	12	31	2.5 (n=11)	2.5	2.5
- Angus	10	3	1	3	3	3	3	9	3.0 (n=3)	3.0	3.0
- Perth & Kinross	17	11	3	9	9	9	9	22	2.3 (n=8)	2.3	2.3
TOTAL:	120	47	14	36	30	30	30	63	2.2 (n=28)	2.2	1.8

Breeding success of Kestrel in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	23	13	11	0	9	9	9	26	2.9 (n=9)	2.9	2.4
- Argyll Islands	4	2	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- Argyll Mainland	15	9	8	0	6	6	6	20	3.3 (n=6)	3.3	2.5
- Bute	4	2	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
Central Scotland	33	26	23	0	23	22	22	92	4.2 (n=22)	4.0	4.0
- Dunbartonshire	1	0	0	0	0	0	0	0	-	-	-
- North Lanarkshire	20	15	14	0	14	13	13	52	4.0 (n=13)	3.7	3.7
- Stirling	12	11	9	0	9	9	9	40	4.4 (n=9)	4.4	4.4
Dumfries & Galloway	18	9	6	0	6	6	6	16	2.7 (n=6)	2.7	2.7
Highland	23	18	16	1	15	15	15	51	3.4 (n=15)	3.4	3.2
- Badenoch & Strathspey	4	3	3	0	3	3	3	10	3.3 (n=3)	3.3	3.3
- Inverness-shire	12	10	9	1	8	8	8	32	4.0 (n=8)	4.0	3.6
- Nairn	2	2	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- Ross-shire	4	2	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- West Moray	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
Lewis & Harris	2	1	0	0	0	0	0	0	-	-	-
- Lewis	2	1	0	0	0	0	0	0	-	-	-
Lothian & Borders	48	31	28	0	28	26	26	110	4.2 (n=24)	3.9	3.9
- Lothian	25	14	13	0	13	13	13	66	5.1 (n=13)	5.1	5.1
- Scottish Borders	23	17	15	0	15	13	13	44	3.2 (n=11)	2.8	2.8
Orkney	35	4	4	0	4	4	3	8	2.7 (n=3)	2.0	2.0
- Eday	1	0	0	0	0	0	0	0	-	-	-
- Mainland	34	4	4	0	4	4	3	8	2.7 (n=3)	2.0	2.0
South Strathclyde	1	1	0	0	0	0	0	0	-	-	-
- Ayrshire	1	1	0	0	0	0	0	0	-	-	-
Tayside	58	32	30	0	30	29	29	77	2.4 (n=23)	2.4	2.4
- Angus	24	8	8	0	8	8	8	18	2.2 (n=8)	2.2	2.2
- Fife	9	7	6	0	6	5	5	18	3.6 (n=5)	3.0	3.0
- Perth & Kinross	25	17	16	0	16	16	16	41	2.2 (n=10)	2.2	2.2

Breeding success of Kestrel in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Uist	6	5	5	0	5	5	5	13	2.6 (n=5)	2.6	2.6
- North Uist	1	0	0	0	0	0	0	0	-	-	-
- South Uist	5	5	5	0	5	5	5	13	2.6 (n=5)	2.6	2.6
TOTAL:	247	140	123	1	120	116	115	393	3.6 (n=107)	3.4	3.4

Breeding success of Merlin in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Home ranges occupied (pairs, singles or fresh signs)	Pairs monitored	Failed early on non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Central Scotland	5	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Stirling	5	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
Dumfries & Galloway	12	5	0	4	0	4	4	4	12	3.0 (n=4)	3.0	3.0
Highland	55	25	4	20	0	20	18	18	48	2.7 (n=18)	2.4	2.4
- Badenoch & Strathspey	12	5	0	5	0	5	5	5	15	3.0 (n=5)	3.0	3.0
- Inverness-shire	7	3	0	2	0	2	2	2	6	3.0 (n=2)	3.0	3.0
- Nairn	8	3	0	3	0	3	3	3	8	2.7 (n=3)	2.7	2.7
- Ross-shire	2	1	0	0	0	0	0	0	0	-	-	-
- Small Isles	1	1	0	1	0	1	1	1	5	5.0 (n=1)	5.0	5.0
- Sutherland	15	9	4	6	0	6	4	4	7	1.8 (n=4)	1.2	1.2
- West Moray	10	3	0	3	0	3	3	3	7	2.3 (n=3)	2.3	2.3
Lewis & Harris	3	3	0	2	0	2	2	2	9	4.5 (n=2)	4.5	4.5
- Harris	1	1	0	0	0	0	0	0	0	-	-	-
- Lewis	2	2	0	2	0	2	2	2	9	4.5 (n=2)	4.5	4.5
Lothian & Borders	41	14	7	14	1	13	12	11	30	2.5 (n=9)	2.2	2.0
- Lothian	13	5	3	5	1	4	3	3	8	2.7 (n=3)	2.0	1.6
- Scottish Borders	28	9	4	9	0	9	9	8	22	2.5 (n=6)	2.2	2.2
North-east Scotland	67	25	5	22	0	22	20	20	54	2.6 (n=19)	2.4	2.4
- Aberdeenshire	52	19	3	16	0	16	15	15	44	2.9 (n=14)	2.7	2.7
- East Moray	15	6	2	6	0	6	5	5	10	2.0 (n=5)	1.7	1.7
Orkney	44	4	2	4	1	3	2	2	6	3.0 (n=2)	2.0	1.5
- Eday	2	0	0	0	0	0	0	0	0	-	-	-
- Hoy	5	1	0	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- Mainland	37	3	2	3	1	2	1	1	5	5.0 (n=1)	2.5	1.7

Breeding success of Merlin in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Home ranges occupied (pairs, singles or fresh signs)	Pairs monitored	Failed early on non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Shetland	60	21	3	21	2	19	17	17	59	3.5 (n=17)	3.1	2.8
- Mainland	51	18	2	18	2	16	14	14	48	3.4 (n=14)	3.0	2.7
- Muckle Roe	4	1	0	1	0	1	1	1	4	4.0 (n=1)	4.0	4.0
- Unst	3	1	0	1	0	1	1	1	4	4.0 (n=1)	4.0	4.0
- Yell	2	1	1	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
South Strathclyde	4	1	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- South Lanarkshire	4	1	0	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
Tayside	31	16	4	15	0	15	15	15	43	2.8 (n=14)	2.8	2.8
- Angus	10	7	0	6	0	6	6	6	17	2.7 (n=5)	2.7	2.7
- Perth & Kinross	21	9	4	9	0	9	9	9	26	2.9 (n=9)	2.9	2.9
Uist	6	6	0	6	0	6	6	6	18	3.0 (n=6)	3.0	3.0
- South Uist	6	6	0	6	0	6	6	6	18	3.0 (n=6)	3.0	3.0
TOTAL:	328	121	26	110	4	106	98	97	284	3.0 (n=93)	2.8	2.7

Breeding success of Hobby in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Additional home ranges with single birds	Pair occupied home ranges monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Highland	1	0	0	0	0	0	0	0	0	-	-	-
- Badenoch & Strathspey	1	0	0	0	0	0	0	0	0	-	-	-
Tayside	7	2	3	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- Angus	6	2	2	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- Perth & Kinross	1	0	1	0	0	0	0	0	0	-	-	-
TOTAL:	8	2	3	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0

Breeding success of Peregrine in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Further home ranges in use (single birds or fresh signs)	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	38	15	3	13	0	13	11	11	20	1.7 (n=10)	1.5	1.5
- Argyll Islands	9	7	0	6	0	6	6	6	12	1.8 (n=5)	1.8	1.8
- Argyll Mainland	18	6	3	5	0	5	3	3	4	1.3 (n=3)	0.8	0.8
- Bute	11	2	0	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
Central Scotland	24	15	1	13	0	12	12	11	23	2.1 (n=11)	1.9	1.8
- Clackmannanshire	1	1	0	1	0	1	1	0	0	-	-	-
- Falkirk	3	3	0	3	0	3	3	3	7	2.3 (n=3)	2.3	2.3
- North Lanarkshire	8	5	0	4	0	4	4	4	7	1.8 (n=4)	1.8	1.8
- Stirling	12	6	1	5	0	4	4	4	9	2.2 (n=4)	2.2	1.8
Dumfries & Galloway	81	45	5	41	0	40	40	39	80	2.1 (n=39)	2.0	2.0
Highland	42	20	6	11	2	9	9	8	17	2.1 (n=8)	1.9	1.5
- Badenoch & Strathspey	4	2	1	1	0	1	1	1	3	3.0 (n=1)	3.0	3.0
- Inverness-shire	12	6	2	2	0	2	2	2	5	2.5 (n=2)	2.5	2.5
- Nairn	3	1	1	1	1	0	0	0	0	-	-	-
- Ross-shire	6	6	0	4	0	4	4	3	7	2.3 (n=3)	1.8	1.8
- Small Isles	1	0	1	0	0	0	0	0	0	-	-	-
- Sutherland	13	4	1	2	0	2	2	2	2	1.0 (n=2)	1.0	1.0
- West Moray	3	1	0	1	1	0	0	0	0	-	-	-
Lothian & Borders	137	47	12	43	11	29	27	27	82	3.0 (n=27)	2.8	1.9
- Lothian	36	13	6	12	1	9	9	9	27	3.0 (n=9)	3.0	2.2
- Scottish Borders	101	34	6	31	10	20	18	18	55	3.1 (n=18)	2.8	1.8

Breeding success of Peregrine in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Further home ranges in use (single birds or fresh signs)	Pairs monitored	Pairs failing early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
North-east Scotland	17	10	3	10	1	9	9	9	20	2.2 (n=9)	2.2	2.0
- Aberdeenshire	12	10	1	10	1	9	9	9	20	2.2 (n=9)	2.2	2.0
- East Moray	5	0	2	0	0	0	0	0	0	-	-	-
Orkney	19	9	3	9	5	4	3	3	3	1.0 (n=3)	0.8	0.3
- Eday	2	0	1	0	0	0	0	0	0	-	-	-
- Hoy	5	5	0	5	5	0	0	0	0	-	-	-
- Mainland	9	4	1	4	0	4	3	3	3	1.0 (n=3)	0.8	0.8
- South Ronaldsay	3	0	1	0	0	0	0	0	0	-	-	-
Shetland	6	0	1	0	0	0	0	0	0	-	-	-
- Fair Isle	3	0	1	0	0	0	0	0	0	-	-	-
- Mainland	2	0	0	0	0	0	0	0	0	-	-	-
- Unst	1	0	0	0	0	0	0	0	0	-	-	-
South Strathclyde	61	31	7	30	0	25	24	23	55	2.3 (n=22)	2.2	1.8
- Arran & Cumbrae	7	7	0	6	0	4	4	4	6	1.5 (n=4)	1.5	1.0
- Ayrshire	33	13	6	13	0	10	10	9	24	2.7 (n=9)	2.4	1.8
- Inverclyde	1	0	0	0	0	0	0	0	0	-	-	-
- Renfrewshire	5	4	0	4	0	4	4	4	9	2.2 (n=4)	2.2	2.2
- South Lanarkshire	15	7	1	7	0	7	6	6	16	2.5 (n=5)	2.1	2.1
Tayside	61	35	9	33	0	31	30	30	66	2.2 (n=30)	2.1	2.0
- Angus	24	9	4	8	0	8	7	7	12	1.7 (n=7)	1.5	1.5
- Fife	14	12	0	11	0	9	9	9	22	2.4 (n=9)	2.4	2.0
- Perth & Kinross	23	14	5	14	0	14	14	14	32	2.3 (n=14)	2.3	2.3
Uist	5	5	0	3	0	3	3	3	6	2.0 (n=3)	2.0	2.0
- North Uist	2	2	0	2	0	2	2	2	4	2.0 (n=2)	2.0	2.0
- South Uist	3	3	0	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
TOTAL:	491	232	50	206	19	175	168	164	372	2.3 (n=162)	2.1	1.8

Breeding success of Raven in Scotland in 2020

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Failed early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Argyll	87	61	37	0	34	34	32	95	3.0 (n=32)	2.8	2.6
- Argyll Islands	27	22	8	0	8	8	8	24	3.0 (n=8)	3.0	3.0
- Argyll Mainland	33	22	14	0	12	12	11	30	2.7 (n=11)	2.5	2.1
- Bute	27	17	15	0	14	14	13	41	3.2 (n=13)	2.9	2.7
Central Scotland	42	30	20	2	15	15	15	31	2.1 (n=15)	2.1	1.6
- North Lanarkshire	8	7	6	0	6	6	6	15	2.5 (n=6)	2.5	2.5
- Stirling	34	23	14	2	9	9	9	16	1.8 (n=9)	1.8	1.1
Dumfries & Galloway	38	33	19	2	17	15	15	32	2.1 (n=15)	1.9	1.7
Highland	17	17	13	0	13	13	13	30	2.3 (n=13)	2.3	2.3
- Inverness-shire	2	2	2	0	2	2	2	6	3.0 (n=2)	3.0	3.0
- Isle of Skye	1	1	0	0	0	0	0	0	-	-	-
- Lochaber	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- Nairn	1	1	1	0	1	1	1	2	2.0 (n=1)	2.0	2.0
- Ross-shire	7	7	6	0	6	6	6	13	2.2 (n=6)	2.2	2.2
- Small Isles	1	1	0	0	0	0	0	0	-	-	-
- Sutherland	3	3	2	0	2	2	2	7	3.5 (n=2)	3.5	3.5
- West Moray	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
Lewis & Harris	5	5	4	0	4	4	4	6	1.5 (n=4)	1.5	1.5
- Lewis	5	5	4	0	4	4	4	6	1.5 (n=4)	1.5	1.5
Lothian & Borders	31	26	20	2	18	18	18	55	3.0 (n=17)	3.0	2.7
- Lothian	14	11	11	0	11	11	11	36	3.3 (n=11)	3.3	3.3
- Scottish Borders	17	15	9	2	7	7	7	19	2.6 (n=6)	2.6	2.0

Breeding success of Raven in Scotland in 2020 (continued)

Region	Home ranges checked	Home ranges occupied by pairs	Pairs monitored	Failed early or non-breeding	Pairs known to lay eggs	Pairs known to hatch eggs	Pairs known to fledge young	Minimum number of young fledged	Productivity (Young fledged per successful pair)	Productivity (Young fledged per pair laying eggs)	Productivity (Young fledged per pair occupied home range monitored)
Orkney	48	41	41	13	28	28	26	70	2.7 (n=26)	2.5	1.7
- Eday	2	2	2	0	2	2	2	5	2.5 (n=2)	2.5	2.5
- Eglisay	1	1	1	0	1	1	1	1	1.0 (n=1)	1.0	1.0
- Hoy	6	5	5	3	2	2	1	4	4.0 (n=1)	2.0	0.8
- Mainland	33	27	27	8	19	19	18	47	2.6 (n=18)	2.5	1.7
- South Ronaldsay	6	6	6	2	4	4	4	13	3.2 (n=4)	3.2	2.2
Shetland	17	13	9	2	6	5	5	14	2.6 (n=4)	2.2	1.4
- Mainland	17	13	9	2	6	5	5	14	2.6 (n=4)	2.2	1.4
South Strathclyde	35	22	15	0	15	15	15	40	2.7 (n=15)	2.7	2.7
- Ayrshire	35	22	15	0	15	15	15	40	2.7 (n=15)	2.7	2.7
Tayside	12	9	5	0	4	2	2	2	1.0 (n=2)	0.5	0.4
- Angus	9	7	5	0	4	2	2	2	1.0 (n=2)	0.5	0.4
- Fife	2	2	0	0	0	0	0	0	-	-	-
- Perth & Kinross	1	0	0	0	0	0	0	0	-	-	-
Uist	18	15	11	0	9	9	9	21	2.2 (n=8)	2.2	1.8
- Benbecula	3	2	2	0	2	2	2	3	1.5 (n=2)	1.5	1.5
- North Uist	5	3	2	0	2	2	2	3	1.5 (n=2)	1.5	1.5
- South Uist	10	10	7	0	5	5	5	15	2.8 (n=4)	2.8	2.0
TOTAL:	350	272	194	21	163	158	154	396	2.6 (n=151)	2.5	2.1