



# Appendix 11.1, Annex C: Offshore Ornithology Colony Counts for Breeding Season Regional Populations

Array EIA Report  
2024



| Revision | Comments | Author    | Checker | Approver |
|----------|----------|-----------|---------|----------|
| FINAL    | Final    | RPS/NIRAS | RPS     | RPS      |

| Approval for Issue               |                 |              |
|----------------------------------|-----------------|--------------|
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# 1. COLONY COUNTS FOR BREEDING SEASON REGIONAL POPULATIONS

1. This annex provides colony counts used for calculating the regional breeding population, as described in volume 3, appendix 11.1, section 3.1. Count types may be Apparently Occupied Nests (AON), Apparently Occupied Sites (AOS), Individuals (IND) or Apparently Occupied Territories (AOT). For more details on count types, refer to Walsh *et al.* (1995).

## KITTIWAKE

**Table 1.1: Kittiwake Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony                       | Count Date | Count Type | Count Unit | Count  |
|--|------------|------------|------------|--------|
| Fishtown of Usan                           | 14/05/2018 | AON        | Pairs      | N/A    |
| Whiting Ness to Ethie Haven 1              | 25/05/2018 | AON        | Pairs      | 102    |
| Whiting Ness to Ethie Haven 4              | 14/05/2018 | AON        | Pairs      | 410    |
| Whiting Ness to Ethie Haven 4              | 25/05/2018 | AON        | Pairs      | 22     |
| Whiting Ness to Ethie Haven 4              | 29/05/2018 | AON        | Pairs      | 29     |
| Whiting Ness to Ethie Haven 5              | 25/05/2018 | AON        | Pairs      | N/A    |
| Auchmithie                                 | 25/05/2018 | IND        | Individual | 7      |
| Whiting Ness to Ethie Haven 7              | 25/05/2018 | AON        | Pairs      | N/A    |
| Whiting Ness to Ethie Haven 8              | 26/05/2018 | IND        | Individual | N/A    |
| Peterhead South Harbour (urban)            | 30/05/2018 | AON        | Pairs      | 33     |
| Buchan Ness to Collieston                  | 26/05/2018 | AON        | Pairs      | 11,265 |
| Troup & Lion's Head RSPB (Coast & Reserve) | 08/06/2021 | AON        | Pairs      | 9,700  |
| Fraserburgh Harbour                        | 11/06/2019 | AON        | Pairs      | 81     |
| St Abb's Head NNR                          | 01/06/2021 | AON        | Pairs      | 3,653  |
| St Abbs to Eyemouth 1                      | 12/06/2021 | AOS        | Pairs      | N/A    |
| Eyemouth to Burnmouth 1                    | 17/06/2021 | AON        | Pairs      | 60     |
| Eyemouth to Burnmouth 2                    | 07/06/2018 | AON        | Pairs      | 171    |
| Eyemouth to Burnmouth 3                    | 07/06/2018 | AON        | Pairs      | 6      |
| Eyemouth to Burnmouth 4                    | 07/06/2018 | AON        | Pairs      | 62     |
| Eyemouth to Burnmouth 5                    | 07/06/2018 | AON        | Pairs      | 114    |
| Eyemouth to Burnmouth 6                    | 07/06/2018 | AON        | Pairs      | 158    |
| Eyemouth to Burnmouth 7                    | 07/06/2018 | AON        | Pairs      | 138    |
| Fast Castle Head                           | 07/06/2018 | AON        | Pairs      | N/A    |
| Wick Bay within SPA                        | 07/06/2018 | AON        | Pairs      | 19     |
| Noss Head                                  | 07/06/2018 | AON        | Pairs      | 45     |
| Ackergillshore                             | 24/06/2018 | AON        | Pairs      | N/A    |
| Dunnet Head RSPB                           | 24/06/2018 | AON        | Pairs      | 250    |
| Hartlepool Fish Quay (urban)               | 24/06/2018 | AON        | Pairs      | 161    |
| Saltburn Cliffs (Huntcliff)                | 01/06/2022 | AON        | Pairs      | 1,110  |

| Master Site - Colony          | Count Date | Count Type | Count Unit | Count |
|-------------------------------|------------|------------|------------|-------|
| Boulby Cliffs                 | 07/06/2018 | AON        | Pairs      | 1,440 |
| Phillips Jetty                | 16/06/2020 | AON        | Pairs      | 377   |
| Steetley Pier                 | 30/06/2020 | AON        | Pairs      | 24    |
| Inchcolm                      | 31/05/2018 | AON        | Pairs      | 77    |
| Inchcolm                      | 18/06/2020 | AON        | Pairs      | 75    |
| Carr Craig                    | 02/06/2022 | AON        | Pairs      | N/A   |
| Haystack                      | 04/06/2022 | AON        | Pairs      | N/A   |
| Fidra (RSPB)                  | 25/05/2021 | AON        | Pairs      | 372   |
| The Lamb                      | 29/05/2021 | AON        | Pairs      | 2     |
| Eyebroughy                    | 27/05/2022 | AON        | Pairs      | N/A   |
| Bass Rock                     | 28/05/2022 | AON        | Pairs      | 569   |
| Craigleith                    | 17/06/2019 | AON        | Pairs      | 580   |
| Craigleith                    | 28/05/2022 | AON        | Pairs      | 122   |
| Sands of Forvie               | 28/05/2022 | AON        | Pairs      | 575   |
| Thornhive Bay                 | 29/05/2022 | AON        | Pairs      | 1,671 |
| Tremuda/Old Hall Bay          | 01/06/2023 | AON        | Pairs      | 768   |
| Old Hall Bay - Castle Haven   | 18/06/2018 | AON        | Pairs      | 267   |
| Strathlethan Bay              | 18/06/2018 | IND        | Pairs      | 61    |
| Fowlsheugh RSPB               | 19/06/2018 | AON        | Pairs      | 9,444 |
| Swallow Cove - Crawton        | 23/06/2021 | AON        | Pairs      | 2,156 |
| Inchkeith                     | 03/06/2018 | AON        | Pairs      | 553   |
| Portknockie                   | 19/06/2018 | AON        | Pairs      | 31    |
| Covesea                       | 25/05/2022 | AON        | Pairs      | 560   |
| Isle of May                   | 25/06/2018 | AON        | Pairs      | 5,193 |
| Saltwick Nab 2                | 31/05/2019 | AON        | Pairs      | 178   |
| Hawsker Bottoms 2             | 01/06/2021 | AON        | Pairs      | 207   |
| Castle Headland               | 26/05/2023 | AON        | Pairs      | 1,633 |
| Harbourside Houses            | 23/06/2021 | AON        | Pairs      | 32    |
| Hundale                       | 09/06/2023 | AON        | Pairs      | N/A   |
| Cloughton Wyke                | 09/06/2022 | AON        | Pairs      | N/A-  |
| Grand Hotel                   | 21/06/2018 | AON        | Pairs      | 601   |
| Spa Bridge                    | 03/06/2021 | AON        | Pairs      | 270   |
| Nelson Pub and Foreshore      | 09/06/2022 | AON        | Pairs      | 34    |
| Kettleiness 1                 | 12/06/2022 | AON        | Pairs      | 86    |
| Kettleiness 2                 | 09/06/2022 | AON        | Pairs      | 683   |
| Town Hall                     | 18/06/2019 | AON        | Pairs      | 26    |
| Old Britannia Inn/Eastborough | 18/06/2019 | AON        | Pairs      | 6     |
| Sea Cadets                    | 12/06/2022 | AON        | Pairs      | N/A   |

| Master Site - Colony              | Count Date | Count Type | Count Unit | Count |
|-----------------------------------|------------|------------|------------|-------|
| Royal Hotel                       | 10/06/2022 | AON        | Pairs      | 38    |
| Sandside                          | 10/06/2022 | AON        | Pairs      | 8     |
| Huntress Row                      | 12/06/2022 | AON        | Pairs      | 129   |
| Robin Hoods Bay - Ness Point      | 15/06/2020 | AON        | Pairs      | N/A   |
| Howick                            | 09/06/2022 | AON        | Pairs      | 640   |
| Cullernose Point                  | 29/05/2019 | AON        | Pairs      | 92    |
| Dunstanburgh Castle               | 28/05/2019 | AON        | Pairs      | 336   |
| Seahouses 1                       | 28/05/2019 | AON        | Pairs      | 206   |
| Coquet Island RSPB                | 29/05/2019 | AON        | Pairs      | 519   |
| Farne Islands                     | 29/05/2019 | AON        | Pairs      | 4,402 |
| Horse of Copinsay                 | 01/06/2022 | AON        | Pairs      | 157   |
| Brough of Birsay                  | 01/06/2019 | AON        | Pairs      | 1     |
| Rerwick Head 2                    | 02/06/2023 | AON        | Pairs      | 3     |
| Eynhallow                         | 20/06/2018 | AON        | Pairs      | 38    |
| Calf of Eday                      | 09/06/2019 | AON        | Pairs      | 142   |
| Muckle Green Holm                 | 12/06/2018 | AON        | Pairs      | 32    |
| Grid Square HY2216                | 27/06/2018 | AON        | Pairs      | N/A   |
| Grid Square HY2217                | 08/06/2018 | AON        | Pairs      | N/A   |
| Row Head                          | 07/06/2018 | AON        | Pairs      | 1     |
| Grid Square HY2318                | 10/06/2018 | AON        | Pairs      | N/A   |
| Grid Square HY2319                | 16/06/2018 | AON        | Pairs      | N/A   |
| Grid Square HY2219                | 16/06/2019 | AON        | Pairs      | N/A   |
| Grid Square HY2112                | 08/06/2018 | AON        | Pairs      | 6     |
| Muckle Skerry                     | 08/06/2018 | AON        | Pairs      | 176   |
| Carlin Geo 1                      | 24/06/2021 | IND        | Individual | 188   |
| Burgh Head 1                      | 02/07/2021 | IND        | Individual | 21    |
| Switha (Whole Island)             | 25/06/2018 | AON        | Pairs      | N/A   |
| Noup Cliffs RSPB (West Westray 2) | 25/06/2018 | AON        | Pairs      | 1,486 |
| Rousay 3                          | 27/06/2019 | AON        | Pairs      | 153   |
| Holm 4                            | 13/06/2023 | AON        | Pairs      | 23    |
| Mull Head - cliff-nesters         | 01/06/2021 | AON        | Pairs      | N/A   |
| Eday 1                            | 02/07/2021 | IND        | Pairs      | N/A   |
| Shapinsay 7                       | 12/06/2018 | AON        | Pairs      | N/A   |
| Shapinsay 8                       | 23/06/2018 | AON        | Pairs      | 13    |
| Costa Head                        | 18/06/2021 | AON        | Pairs      | 52    |
| Gultak                            | 18/06/2021 | AON        | Pairs      | 14    |
| North Hill RSPB, Papa Westray     | 10/06/2018 | AON        | Pairs      | N/A   |
| The Altar - Quindry               | 17/06/2018 | AON        | Pairs      | 34    |

| Master Site - Colony                    | Count Date | Count Type | Count Unit | Count   |
|---|------------|------------|------------|---------|
| Quindry - Hoxa - Dam of Hoxa            | 01/06/2021 | AON        | Pairs      | 1       |
| Swona                                   | 02/07/2021 | IND        | Individual | 1       |
| Sule Skerry                             | 17/06/2021 | AON        | Pairs      | 50      |
| Trumland RSPB                           | 02/07/2021 | AON        | Pairs      | 127     |
| North Sutor Of Cromarty/Castlecraig     | 08/07/2018 | AON        | Pairs      | 452     |
| South Sutor All (2-6)                   | 01/06/2018 | AON        | Pairs      | N/A     |
| Neave Island 1                          | 21/06/2023 | AON        | Pairs      | N/A     |
| Faraid Head 4                           | 22/06/2023 | AON        | Pairs      | 116     |
| Faraid Head 3                           | 25/06/2021 | AON        | Pairs      | 182     |
| Faraid Head 2                           | 30/06/2021 | AON        | Pairs      | 30      |
| Strathy 2                               | 30/06/2021 | AON        | Pairs      | N/A     |
| Armadale 2                              | 01/07/2019 | AON        | Pairs      | N/A     |
| Rubha Thormaid                          | 29/05/2019 | IND        | Individual | 50      |
| Geodha nan Aigheann                     | 04/06/2019 | AON        | Pairs      | N/A     |
| Cleit An t-Seabhaig                     | 06/06/2019 | IND        | Individual | 50      |
| Mol Mhor                                | 07/07/2021 | AON        | Pairs      | N/A     |
| Clo Mor 5                               | 07/07/2019 | AON        | Pairs      | 98      |
| Clo Mor 7                               | 03/07/2019 | AON        | Pairs      | 680     |
| Clo Mor 8                               | 31/05/2023 | AON        | Pairs      | 255     |
| Clo Mor 9                               | 31/05/2023 | AON        | Pairs      | 1,148   |
| Clo Mor 10                              | 28/05/2023 | AON        | Pairs      | 459     |
| Clo Mor 11                              | 28/05/2023 | AON        | Pairs      | 327     |
| Total breeding adults                   |            |            |            | 138,855 |
| Juveniles per adult                     |            |            |            | 0.88    |
| Total population (juveniles and adults) |            |            |            | 261,047 |

GANNET

**Table 1.2: Gannet Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony                       | Count Date | Count Type | Count Unit | Count   |
|--|------------|------------|------------|---------|
| Troup & Lion's Head RSPB (Coast & Reserve) | 30/06/2014 | AOS        | Pairs      | 6,456   |
| Troup & Lion's Head RSPB (Coast & Reserve) | 01/06/2021 | AON        | Pairs      | 123     |
| Bass Rock                                  | 23/06/2014 | AOS        | Pairs      | 75,259  |
| St Abb's Head NNR                          | 20/06/2019 | AON        | Pairs      | 7       |
| St Abb's Head NNR                          | 21/06/2019 | AON        | Pairs      | 4       |
| Flamborough Head and Bempton Cliffs        | 01/06/2022 | AOS        | Pairs      | 13,125  |
| Fair Isle                                  | 09/06/2021 | AON        | Pairs      | 4,971   |
| Sule Skerry                                | 01/01/2011 | AON        | Pairs      | 1,100   |
| Sule Stack                                 | 18/06/2013 | AOS        | Pairs      | 4,550   |
| Sule Skerry                                | 08/07/2018 | AOS        | Pairs      | 4,515   |
| Marwick Head RSPB                          | 01/06/2021 | AOS        | Pairs      | 9       |
| Hermaness                                  | 09/06/2014 | AOS        | Pairs      | 25,580  |
| Noup Cliffs RSPB (West Westray 2)          | 13/06/2023 | AON        | Pairs      | 1,386   |
| Boreray and Stacs                          | 19/06/2013 | AOS        | Pairs      | 60,290  |
| Noss                                       | 20/07/2022 | AON        | Pairs      | 11,472  |
| Foula                                      | 05/07/2023 | AOS        | Pairs      | 2,086   |
| Total breeding adults                      |            |            |            | 421,866 |
| Juveniles per adult                        |            |            |            | 0.81    |
| Total population (juveniles and adults)    |            |            |            | 763,577 |



PUFFIN

**Table 1.3: Puffin Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony          | Count Date | Count Type | Count Unit | Count   |
|-------------------------------|------------|------------|------------|---------|
| Whiting Ness to Ethie Haven 4 | 14/05/2018 | IND        | Individual | 6       |
| Whiting Ness to Ethie Haven 4 | 25/05/2018 | IND        | Individual | 6       |
| Whiting Ness to Ethie Haven 5 | 14/05/2018 | AOB        | Pairs      | N/A     |
| Auchmithie                    | 25/05/2018 | IND        | Individual | 5       |
| Rumkemno                      | 29/05/2018 | IND        | Individual | N/A     |
| Whiting Ness to Ethie Haven 6 | 25/05/2018 | IND        | Individual | N/A     |
| Whiting Ness to Ethie Haven 7 | 25/05/2018 | IND        | Individual | 6       |
| Whiting Ness to Ethie Haven 8 | 25/05/2018 | IND        | Individual | 3       |
| Buchan Ness to Collieston     | 26/05/2018 | IND        | Individual | 170     |
| St Abb's Head NNR             | 30/05/2018 | AON        | Pairs      | N/A     |
| Eyemouth to Burnmouth 1       | 26/05/2018 | SEA        | Individual | N/A     |
| Eyemouth to Burnmouth 6       | 08/06/2021 | IND        | Individual | N/A     |
| Eyemouth to Burnmouth 7       | 11/06/2019 | IND        | Individual | N/A     |
| Noss Head                     | 01/06/2021 | IND        | Individual | 3       |
| Ackergillshore                | 12/06/2021 | IND        | Individual | N/A     |
| Inchmickery RSPB              | 17/06/2021 | SEA        | Individual | 25      |
| Inchcolm                      | 07/06/2018 | IND        | Individual | 11      |
| Carr Craig                    | 07/06/2018 | IND        | Individual | N/A     |
| Haystack                      | 07/06/2018 | IND        | Individual | N/A     |
| Fidra (RSPB)                  | 07/06/2018 | AOB        | Pairs      | 991     |
| The Lamb                      | 07/06/2018 | AOB        | Pairs      | 777     |
| Bass Rock                     | 07/06/2018 | SEA        | Individual | 2       |
| Craigleith                    | 07/06/2018 | AOB        | Pairs      | 4,168   |
| Tremuda/Old Hall Bay          | 07/06/2018 | IND        | Individual | 3       |
| Old Hall Bay - Castle Haven   | 07/06/2018 | SEA        | Individual | 1       |
| Strathlethan Bay              | 24/06/2018 | IND        | Individual | N/A     |
| Fowlsheugh RSPB               | 24/06/2018 | AOB        | Pairs      | 23      |
| Swallow Cove - Crawton        | 24/06/2018 | IND        | Individual | 7       |
| Inchkeith                     | 01/06/2022 | AOB        | Pairs      | 1,889   |
| Coquet Island RSPB            | 07/06/2018 | AOB        | Pairs      | 25,029  |
| Farne Islands                 | 16/06/2020 | AOB        | Pairs      | 43,752  |
| Quindry - Hoxa - Dam of Hoxa  | 30/06/2020 | IND        | Individual | N/A     |
| Dunnet Head RSPB              | 31/05/2018 | IND        | Individual | 204     |
| Total breeding adults         |            |            |            | 153,314 |

| Master Site - Colony                    | Count Date | Count Type | Count Unit | Count   |
|---|------------|------------|------------|---------|
| Juveniles per adult                     |            |            |            | 0.82    |
| Total population (juveniles and adults) |            |            |            | 279,031 |

RAZORBILL

**Table 1.4: Razorbill Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony                             | Count Date | Count Type | Count Unit | Count  |
|--|------------|------------|------------|--------|
| Fishtown of Usan                                 | 14/05/2018 | IND        | Individual | N/A    |
| Whiting Ness to Ethie Haven 1                    | 25/05/2018 | IND        | Individual | 7      |
| Whiting Ness to Ethie Haven 4                    | 25/05/2018 | AON        | Pairs      | 172    |
| Whiting Ness to Ethie Haven 5                    | 25/05/2018 | IND        | Individual | N/A    |
| Auchmithie                                       | 26/05/2018 | IND        | Individual | 16     |
| Whiting Ness to Ethie Haven 7                    | 29/05/2018 | IND        | Individual | 301    |
| Whiting Ness to Ethie Haven 8                    | 26/05/2018 | AOS        | Pairs      | 14     |
| Buchan Ness to Collieston                        | 11/06/2019 | IND        | Individual | 5,813  |
| Troup & Lion's Head RSPB (Coast & Reserve)       | 01/06/2021 | IND        | Individual | 2,993  |
| Sands of Forvie                                  | 01/06/2023 | IND        | Individual | 162    |
| Thornyhive Bay                                   | 18/06/2018 | IND        | Individual | 676    |
| Tremuda/Old Hall Bay                             | 18/06/2018 | IND        | Individual | 767    |
| Old Hall Bay - Castle Haven                      | 19/06/2018 | IND        | Individual | 254    |
| Strathlethan Bay                                 | 23/06/2021 | IND        | Individual | 26     |
| Fowlsheugh RSPB                                  | 03/06/2018 | IND        | Individual | 11,750 |
| Swallow Cove - Crawton                           | 19/06/2018 | IND        | Individual | 870    |
| Total breeding adults (correction factor = 0.67) |            |            |            | 15,586 |
| Juveniles per adult                              |            |            |            | 0.75   |
| Total population (juveniles and adults)          |            |            |            | 54,552 |

GUILLEMOT

**Table 1.5: Guillemot Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony                             | Count Date | Count Type | Count Unit | Count   |
|--|------------|------------|------------|---------|
| Fowlsheugh RSPB                                  | 03/06/2018 | IND        | Individual | 61,416  |
| Buchan Ness to Collieston                        | 11/06/2019 | IND        | Individual | 29,187  |
| Buchan Ness to Collieston                        | 11/06/2019 | AON        | Pairs      | 165     |
| Tremuda/Old Hall Bay                             | 18/06/2018 | IND        | Individual | 1,650   |
| Thornyhive Bay                                   | 18/06/2018 | IND        | Individual | 5,302   |
| Sands of Forvie                                  | 01/06/2021 | IND        | Individual | 54      |
| Sands of Forvie                                  | 07/06/2022 | IND        | Individual | 26      |
| Troup & Lion's Head RSPB (Coast & Reserve)       | 01/06/2021 | IND        | Individual | 24,000  |
| Total breeding adults (correction factor = 0.67) |            |            |            | 81,274  |
| Juveniles per adult                              |            |            |            | 0.74    |
| Total population (juveniles and adults)          |            |            |            | 282,835 |

FULMAR

**Table 1.6: Fulmar Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony                  | Count Type | Count Unit | Count |
|---------------------------------------|------------|------------|-------|
| Smoo to Melvich                       | IND        | Individual | 2,510 |
| Caithness - Wick Bay to Freshwick Bay | IND        | Individual | 858   |
| Bressay - North                       | IND        | Individual | 268   |
| Loch of Vaara (Twatt)                 | IND        | Individual | 48    |
| Cunningsburgh to Sandwick             | IND        | Individual | 3,312 |
| Cape Wrath SPA                        | IND        | Individual | 868   |
| Whitby to Robin Hood's Bay            | IND        | Individual | 322   |
| Lunan Bay to Arbroath                 | IND        | Individual | 378   |
| Rousay - South East                   | IND        | Individual | N/A   |
| Bressay                               | IND        | Individual | 4,738 |
| Hillswick                             | IND        | Individual | 1,082 |
| Westray - North West                  | IND        | Individual | 10    |
| North Roe to Gluss Ayre               | IND        | Individual | 1,226 |
| Bamburgh Castle, Bamburgh             | IND        | Individual | N/A   |
| Bradda Quarry                         | IND        | Individual | N/A   |
| Seahouses                             | IND        | Individual | 4     |



| Master Site - Colony                                  | Count Type | Count Unit | Count  |
|---|------------|------------|--------|
| South Ronaldsay (South East)                          | IND        | Individual | 260    |
| Forth Islands SPA                                     | IND        | Individual | 2,064  |
| Gloup Ness to Gutcher (N.W. Yell)                     | IND        | Individual | 706    |
| Hoy SPA   | IND        | Individual | 1,240  |
| Stronsay  | IND        | Individual | 4,638  |
| Huxter to Brindister                                  | IND        | Individual | 2,786  |
| Bay of Berstane to Rerwick Head Tankerness            | IND        | Individual | 678    |
| Yell Sound Islands                                    | IND        | Individual | 1,044  |
| Lerwick to Gulberwick                                 | IND        | Individual | 168    |
| Bigton to Maywick                                     | IND        | Individual | 348    |
| Nesting / Laxo to Housabister                         | IND        | Individual | 68     |
| Yell - Whale Firth to Gloup                           | IND        | Individual | 2,424  |
| Copinsay SPA  | IND        | Individual | 3,878  |
| Rousay - Saviskaill Bay Area                          | IND        | Individual | 80     |
| Glimps Holm   | IND        | Individual | 34     |
| West Mainland   | IND        | Individual | 24     |
| Stenness to Hillswick                                 | IND        | Individual | 1,832  |
| Heylor to Stenness                                    | IND        | Individual | 2,848  |
| Lunning/Levaneap                                      | IND        | Individual | 1,122  |
| Hermaness, Saxa Vord and Valla Field SPA              | IND        | Individual | 19,854 |
| Sumburgh to Peerie Voe of Spiggie                     | IND        | Individual | 14,070 |
| Rousay SPA  | IND        | Individual | 368    |
| Gulberwick to Fladdabister                            | IND        | Individual | 842    |
| Howick - Cullornose Point - Dunstanburgh Castle Point | IND        | Individual | 184    |
| Holy Island not in SPA                                | IND        | Individual | N/A    |
| Blyth Power Station                                   | IND        | Individual | N/A    |
| Skeld, Westerwick and Culswick                        | IND        | Individual | 42     |
| Ravenscar to Robin Hood's Bay                         | IND        | Individual | 22     |
| Scarborough to Osgodby Point                          | IND        | Individual | 130    |
| Out Skerries  | IND        | Individual | 854    |
| Whalsay: Western Islands                              | IND        | Individual | 58     |
| Buchan Ness to Collieston Coast SPA                   | IND        | Individual | 1,652  |
| Boulby Cliffs   | IND        | Individual | 250    |
| Whalefirth to Aastack                                 | IND        | Individual | 362    |
| Eday  | IND        | Individual | 2,208  |
| Border to Burnmouth                                   | IND        | Individual | 146    |
| Burray  | IND        | Individual | 270    |
| Walls to Dales  | IND        | Individual | 550    |

| Master Site - Colony                                   | Count Type | Count Unit | Count |
|--|------------|------------|-------|
| Ronas Hill - North Roe and Tingon - CLIFF NESTERS ONLY | IND        | Individual | 3,486 |
| Calf of Eday SPA                                       | IND        | Individual | 3,672 |
| Calf of Flotta   | IND        | Individual | 122   |
| Carr Craig, Eyebroughy and Haystack                    | IND        | Individual | 816   |
| Rousay - Central                                       | IND        | Individual | 4     |
| South Nesting to Lerwick                               | IND        | Individual | 128   |
| Rysa Little and Cava                                   | IND        | Individual | 388   |
| Costa Head   | IND        | Individual | 4,212 |
| Sullom Voe   | IND        | Individual | 262   |
| Scalby to Rocky Point                                  | IND        | Individual | 114   |
| Fetlar SPA   | IND        | Individual | 58    |
| Costa Head ("Inland")                                  | IND        | Individual | 4     |
| Kilmuir to Eathie - Black Isle                         | IND        | Individual | N/A   |
| Inner Moray Firth SPA                                  | IND        | Individual | 4     |
| Kirkcaldy to Fife Ness                                 | IND        | Individual | 14    |
| Farne Islands SPA                                      | IND        | Individual | 868   |
| Staithe to Sandsend                                    | IND        | Individual | 432   |
| West Burrafirth to Longa Ness                          | IND        | Individual | 20    |
| Rousay - South and Central                             | IND        | Individual | 80    |
| Coquet Island SPA                                      | IND        | Individual | 468   |
| No Ness to Levenwick and Boddam to Virkie              | IND        | Individual | 7,056 |
| Dale to Huxter   | IND        | Individual | 5,736 |
| Rerwick Head to Mirkady Point                          | IND        | Individual | 496   |
| Deerness   | IND        | Individual | 7,166 |
| Saltburn Coast   | IND        | Individual | 370   |
| Thanet Coast and Sandwich Bay SPA                      | IND        | Individual | N/A   |
| Flamborough and Filey Coast SPA                        | IND        | Individual | 1,598 |
| Flamborough Head South                                 | IND        | Individual | 28    |
| Scratby  | IND        | Individual | N/A   |
| Weybourne Cliffs SSSI                                  | IND        | Individual | N/A   |
| Weybourne to Overstrand                                | IND        | Individual | 20    |
| The Wash SPA   | IND        | Individual | 1,058 |
| Laxo to Housabister (Nesting)                          | IND        | Individual | 324   |
| Dunglass to Fast Castle                                | IND        | Individual | 132   |
| Melvich to Duncansby Stacks SSSI                       | IND        | Individual | 386   |
| Dunrobin   | IND        | Individual | 2     |
| Kirkcaldy Town   | IND        | Individual | 24    |
| Eye Peninsula - Lewis                                  | IND        | Individual | N/A   |

| Master Site - Colony                         | Count Type | Count Unit | Count  |
|--|------------|------------|--------|
| Brenish to Valtos - Lewis                    | IND        | Individual | N/A    |
| Butt of Lewis to Gress - Lewis               | IND        | Individual | N/A    |
| Tolsta Chaolais to Bragair - Lewis           | IND        | Individual | N/A    |
| Dun-aarn - Harris                            | IND        | Individual | N/A    |
| Toe Head - Harris                            | IND        | Individual | N/A    |
| Hushinish Point - Harris                     | IND        | Individual | N/A    |
| Scaravay - Harris                            | IND        | Individual | N/A    |
| Crossbost to Arnish - Lewis                  | IND        | Individual | N/A    |
| Pabay Mor                                    | IND        | Individual | N/A    |
| Sound of Barra                               | IND        | Individual | N/A    |
| Causamul, Haskeir, Boreray and Spuir         | IND        | Individual | N/A    |
| Barra & Vatersay                             | IND        | Individual | N/A    |
| Sound of Pabbay                              | IND        | Individual | N/A    |
| Mingulay and Berneray SPA                    | IND        | Individual | N/A    |
| Whalsay: East Skerries and Holms             | IND        | Individual | 116    |
| East Lunna Ness                              | IND        | Individual | 164    |
| Fethaland to North Roe                       | IND        | Individual | 1,610  |
| Egilsay                                      | IND        | Individual | 442    |
| Eilean Hoan, Eilean Cluimhrig, An Dubh-Sgeir | IND        | Individual | 54     |
| North Sutherland Islands                     | IND        | Individual | 1,440  |
| Ulsta to Whalefirth (Yell)                   | IND        | Individual | 5,334  |
| Housabister to Catfirth                      | IND        | Individual | 48     |
| Point of Hisber to Woodwick House            | IND        | Individual | 46     |
| Lewis and Harris - Tysties                   | IND        | Individual | N/A    |
| Pabbay                                       | IND        | Individual | N/A    |
| Coppay                                       | IND        | Individual | N/A    |
| Shillay                                      | IND        | Individual | N/A    |
| Eyemouth to Burnmouth                        | IND        | Individual | 84     |
| Eynhallow                                    | IND        | Individual | 234    |
| Mousland                                     | IND        | Individual | 10     |
| Fair Isle SPA                                | IND        | Individual | 64,982 |
| Fara   | IND        | Individual | 66     |
| Rousay - Faraclett Head                      | IND        | Individual | 36     |
| Faraid Head/ Balnakeil                       | IND        | Individual | 498    |
| Faray, Holm of Faray & Rusk Holm             | IND        | Individual | 566    |
| St Abb's Head to Fast Castle SPA             | IND        | Individual | 170    |
| Sandvoe to Fethaland                         | IND        | Individual | 1,918  |
| West Westray SPA                             | IND        | Individual | 966    |



| Master Site - Colony                            | Count Type | Count Unit | Count  |
|---|------------|------------|--------|
| Ramna Stacks and Gruney SPA                     | IND        | Individual | 142    |
| Flotta & Calf of Flotta                         | IND        | Individual | 1,388  |
| Bearasay - Lewis                                | IND        | Individual | N/A    |
| Kebock Head - Lewis                             | IND        | Individual | N/A    |
| Mainland west: Terns                            | IND        | Individual | N/A    |
| Sound of Papa                                   | IND        | Individual | 14     |
| Foula SPA                                       | IND        | Individual | 20,506 |
| Fowlsheugh SPA                                  | IND        | Individual | 1,050  |
| Ronas Voe to the Ness                           | IND        | Individual | 276    |
| Gairsay, Hen of Gairsay, Boray Holm, Sweyn Holm | IND        | Individual | 546    |
| Sumburgh Head SPA                               | IND        | Individual | 3,570  |
| Graemsay  | IND        | Individual | 172    |
| Grass Holm                                      | IND        | Individual | 34     |
| Ireland - Houton Head (near gun-replacement)    | IND        | Individual | N/A    |
| Yesnaby - Ness Point, Stromness                 | IND        | Individual | 208    |
| Yesnaby to Marwick (West Mainland)              | IND        | Individual | 1,714  |
| Marwick Head SPA                                | IND        | Individual | 898    |
| Brig O' Waithe to Hamnavoe, Stromness           | IND        | Individual | 30     |
| Westray - Swartmill to Rapness                  | IND        | Individual | 172    |
| Holm  | IND        | Individual | 3,962  |
| Edinburgh                                       | IND        | Individual | 16     |
| Ward of Redland and Cuffie Hill                 | IND        | Individual | N/A    |
| Hascosay  | IND        | Individual | 344    |
| Bay of Meil, Head Of Holland                    | IND        | Individual | 440    |
| West Mainland (Inland) - HY31                   | IND        | Individual | 46     |
| Helliar Holm                                    | IND        | Individual | 312    |
| Westray - Rapness                               | IND        | Individual | 48     |
| Stromness Area, Hundland                        | IND        | Individual | 8      |
| Lunnans   | IND        | Individual | N/A    |
| Swanbister - Scapa Bay, West Mainland           | IND        | Individual | 1,178  |
| North Rona and Sula Sgeir SPA                   | IND        | Individual | N/A    |
| Scapa Bay to St. Marys                          | IND        | Individual | 1,946  |
| Flannan Isles SPA                               | IND        | Individual | N/A    |
| Mainland central: Terns                         | IND        | Individual | 12     |
| Holm of Huip and Little Linga Holm              | IND        | Individual | 300    |
| Papa Westray (North Hill and Holm) SPA          | IND        | Individual | 818    |
| Stromness                                       | IND        | Individual | 10     |
| South Ronaldsay                                 | IND        | Individual | 5,054  |

| Master Site - Colony  | Count Type | Count Unit | Count |
|---|------------|------------|-------|
| Horse Island, Colsay, Little and Ladies Holm to Fitful Head | IND        | Individual | 942   |
| Horse of Copinsay   | IND        | Individual | 292   |
| West Mainland (Houton - Stenness Hills)                     | IND        | Individual | 202   |
| Holm, Deerness and Tankerness                               | IND        | Individual | 94    |
| Hoy and Southwalls  | IND        | Individual | 1,622 |
| North Mainland 22 - Black Hill to Boat Geo South            | IND        | Individual | 1,124 |
| North Mainland 10 - Mangaster to Pinchdyke                  | IND        | Individual | 144   |
| North Mainland 24 - Paidland Vird to Stourl                 | IND        | Individual | 314   |
| North Mainland 6 - Fethaland to Burravoe                    | IND        | Individual | 200   |
| North Mainland 18 - Ladie Hill to Clubb of Mulla            | IND        | Individual | 10    |
| North Mainland 7 - Ay Wick to Firth                         | IND        | Individual | 24    |
| North Mainland 3 - Mossbank to Fora Ness                    | IND        | Individual | 8     |
| Sandness  | IND        | Individual | 204   |
| North Mainland 13 - Hamna Voe to Sand Voe                   | IND        | Individual | 1,234 |
| Hill of Scarvister  | IND        | Individual | 20    |
| Mid Walls   | IND        | Individual | 22    |
| Ronas Hill - North Roe and Tingon SPA - INLAND              | IND        | Individual | 1,274 |
| North Mainland 17 - Whalwick Taing to Point of Quida Stac   | IND        | Individual | 60    |
| Aithsting   | IND        | Individual | 18    |
| North Mainland 19 - Ness of Hillswick                       | IND        | Individual | 634   |
| Reawick   | IND        | Individual | 20    |
| North Mainland 21 - Hamar Voe to Mangaster Voe              | IND        | Individual | 350   |
| Hagmark Hill  | IND        | Individual | 40    |
| Fitful  | IND        | Individual | N/A   |
| Trondra   | IND        | Individual | 96    |
| Sumburgh  | IND        | Individual | N/A   |
| Hallilee  | IND        | Individual | N/A   |
| Midi Field  | IND        | Individual | N/A   |
| North Mainland 25 - Voe to Logie Hill                       | IND        | Individual | 2     |
| Quarff  | IND        | Individual | N/A   |
| Tingwall  | IND        | Individual | 28    |
| Muskna  | IND        | Individual | N/A   |
| Brindister  | IND        | Individual | 82    |
| Hill of Dale  | IND        | Individual | N/A   |
| Helliness   | IND        | Individual | N/A   |
| North Mainland 11 - Vidlin Voe to Lunning Sound             | IND        | Individual | 80    |
| Hunda   | IND        | Individual | N/A   |
| Inchgarvie and Forth Rail Bridge                            | IND        | Individual | 848   |

| Master Site - Colony   | Count Type | Count Unit | Count |
|--|------------|------------|-------|
| Holms of Spurness  | IND        | Individual | 94    |
| Holm of Melby, Forewick Holm, Crog Holm, Holm of Culsetter, Isle of Gunniste | IND        | Individual | 82    |
| Holm of Scockness and Kili Holm  | IND        | Individual | 6     |
| Firth of Forth SPA   | IND        | Individual | 6     |
| Kinghorn & Pettycur  | IND        | Individual | 22    |
| Westray - Bakie Skerry to Gallo Hill   | IND        | Individual | 172   |
| Weisdale Voe to Skeld  | IND        | Individual | 20    |
| Unst - south west  | IND        | Individual | 3,068 |
| Yell - East Coast  | IND        | Individual | 1,832 |
| Bluemull Sound Islands   | IND        | Individual | 130   |
| Linga Holm   | IND        | Individual | 360   |
| Shapinsay  | IND        | Individual | 20    |
| Green Holms  | IND        | Individual | 322   |
| Westray - North Hill and Loch of Burness                                     | IND        | Individual | 38    |
| Papa Westray   | IND        | Individual | 340   |
| Mainland north: Terns  | IND        | Individual | 24    |
| Loch of Strathbeg SPA  | IND        | Individual | N/A   |
| Muckle Roe to Ura Firth  | IND        | Individual | 68    |
| West Mainland (Coastal Sites)  | IND        | Individual | 20    |
| Muckle Roe   | IND        | Individual | 44    |
| Pentland Firth Islands SPA   | IND        | Individual | 954   |
| North Ronaldsay  | IND        | Individual | 1,020 |
| North Sutor to Shandwick   | IND        | Individual | 142   |
| Noss SPA   | IND        | Individual | 8,694 |
| Stonehaven to Wine Cove  | IND        | Individual | 190   |
| Papa Stour SPA   | IND        | Individual | 3,112 |
| Papa Stronsay  | IND        | Individual | 126   |
| Floday - Lewis   | IND        | Individual | N/A   |
| Birsay Cliffs - Point of Buckquoy to Loop of Cruie                           | IND        | Individual | 886   |
| Aith to Brae   | IND        | Individual | 28    |
| Portknockie  | IND        | Individual | 6     |
| Red Holm   | IND        | Individual | N/A   |
| Ythan Estuary, Sands of Forvie and Meikle Loch SPA                           | IND        | Individual | 148   |
| Sandvoe to Uyea  | IND        | Individual | 1,802 |
| Monach Isles SPA   | IND        | Individual | N/A   |
| Shapinsay (Coastal)  | IND        | Individual | 700   |
| Cromwell Fort to Point of Carness  | IND        | Individual | 2     |
| North Uist   | IND        | Individual | N/A   |



| Master Site - Colony                       | Count Type | Count Unit | Count   |
|--|------------|------------|---------|
| South Sutor                                | IND        | Individual | 32      |
| Yell & Yell Sound Islands: Terns           | IND        | Individual | N/A     |
| St Abbs to Eyemouth                        | IND        | Individual | 88      |
| North Berwick Coast SSSI                   | IND        | Individual | 254     |
| St Cyrus NNR                               | IND        | Individual | 92      |
| Fife Ness to St Andrews                    | IND        | Individual | 22      |
| Old Hill - Lewis                           | IND        | Individual | N/A     |
| Sule Skerry and Sule Stack SPA             | IND        | Individual | 238     |
| Westray - Central                          | IND        | Individual | N/A     |
| Switha                                     | IND        | Individual | 904     |
| Ronas Hill to Uyea                         | IND        | Individual | 1,564   |
| Maywick to St. Ninians Isle                | IND        | Individual | N/A     |
| Campay - Lewis                             | IND        | Individual | N/A     |
| Westray - Aikerness                        | IND        | Individual | 12      |
| The Taing - The Nev                        | IND        | Individual | 3,160   |
| Tingwall to Hatston                        | IND        | Individual | 544     |
| Troup, Pennan and Lion's Heads SPA         | IND        | Individual | 1,708   |
| Uyea                                       | IND        | Individual | N/A     |
| Whalsay                                    | IND        | Individual | 8       |
| Saxavord, Skaw, Haroldswick and Baltasound | IND        | Individual | 940     |
| Finstown and Kirkwall                      | IND        | Individual | 42      |
| Effirth to Ness of Bixter                  | IND        | Individual | 18      |
| Wart Holm                                  | IND        | Individual | N/A     |
| Colgrave Sound Islands                     | IND        | Individual | N/A     |
| Westray                                    | IND        | Individual | 394     |
| Taransay - Harris                          | IND        | Individual | N/A     |
| Scarp Island - Harris                      | IND        | Individual | N/A     |
| East Caithness Cliffs SPA                  | IND        | Individual | 200     |
| Woodwick House to Tingwall Pier            | IND        | Individual | 48      |
| Carness to Skerry of Work, St Ola          | IND        | Individual | 10      |
| Total breeding adults                      |            |            | 293,929 |
| Juveniles per adult                        |            |            | 0.62    |
| Total population (juveniles and adults)    |            |            | 476,165 |

HERRING GULL

**Table 1.7: Herring Gull Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony                    | Count Date | Count Type | Count Unit | Count  |
|---|------------|------------|------------|--------|
| Tremuda/Old Hall Bay                    | 18/06/2018 | AON        | Pairs      | 328    |
| Thornhive Bay                           | 18/06/2018 | AON        | Pairs      | 36     |
| Fowlsheugh RSPB                         | 03/06/2018 | AON        | Pairs      | 220    |
| Swallow Cove - Crawton                  | 19/06/2018 | AON        | Pairs      | 451    |
| Old Hall Bay - Castle Haven             | 19/06/2018 | AON        | Pairs      | 62     |
| Strathlethan Bay                        | 23/06/2021 | AON        | Pairs      | 136    |
| Buchan Ness to Collieston               | 11/06/2019 | AON        | Pairs      | 2,077  |
| Total breeding adults                   |            |            |            | 6,620  |
| Juveniles per adult                     |            |            |            | 1.09   |
| Total population (juveniles and adults) |            |            |            | 13,836 |

LESSER BLACK-BACKED GULL

**Table 1.8: Lesser Black-Backed Gull Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony          | Count Date | Count Type | Count Unit | Count |
|-------------------------------|------------|------------|------------|-------|
| Mosstodloch                   | 16/06/2019 | IND        | Individual | 5     |
| Blyth Town                    | 08/06/2018 | AON        | Pairs      | 26    |
| Little Mill                   | 18/05/2023 | IND        | Individual | 1     |
| Arbroath (urban)              | 15/05/2019 | AON        | Pairs      | N/A   |
| Whiting Ness to Ethie Haven 1 | 25/05/2018 | AON        | Pairs      | N/A   |
| Montrose Town (urban)         | 18/05/2018 | AON        | Pairs      | 1     |
| Dundee City                   | 23/05/2019 | AON        | Pairs      | 12    |
| St Fergus Gas Terminal        | 01/06/2021 | AOT        | Pairs      | 1     |
| Tremuda/Old Hall Bay          | 18/06/2018 | AON        | Pairs      | N/A   |
| Thornhive Bay                 | 18/06/2018 | AON        | Pairs      | N/A   |
| Swallow Cove - Crawton        | 19/06/2018 | AON        | Pairs      | N/A   |
| Coquet Island RSPB            | 01/06/2022 | AON        | Pairs      | 10    |
| Farne Islands                 | 01/06/2019 | AON        | Pairs      | 681   |
| Loch of Strathbeg RSPB        | 20/05/2018 | AON        | Pairs      | N/A   |
| Site X (urban)                | 13/05/2018 | IND        | Individual | 18    |
| Broomfield Ind. Est.          | 18/05/2018 | AON        | Pairs      | 1     |
| Sands of Forvie               | 01/06/2023 | AON        | Pairs      | N/A   |

| Master Site - Colony        | Count Date | Count Type | Count Unit | Count |
|-----------------------------|------------|------------|------------|-------|
| Sands of Forvie             | 07/06/2022 | AON        | Pairs      | N/A   |
| Sands of Forvie             | 06/06/2018 | AON        | Pairs      | N/A   |
| Sands of Forvie             | 01/06/2021 | AON        | Pairs      | N/A   |
| Sands of Forvie             | 10/06/2019 | AON        | Pairs      | N/A   |
| Isle of May                 | 01/06/2021 | AON        | Pairs      | 1,739 |
| Fidra (RSPB)                | 27/05/2022 | AOT        | Pairs      | 96    |
| Bass Rock                   | 25/05/2019 | AON        | Pairs      | N/A   |
| Craigleith                  | 29/05/2022 | AOT        | Pairs      | 48    |
| The Lamb                    | 28/05/2022 | AOT        | Pairs      | 2     |
| Inchmickery RSPB            | 23/05/2022 | AOT        | Pairs      | 89    |
| Inchmickery RSPB            | 01/06/2021 | AOT        | Pairs      | 117   |
| Isle of May                 | 22/05/2018 | AON        | Pairs      | 1,684 |
| Buckie                      | 28/05/2019 | AON        | Pairs      | 9     |
| Saltholme RSPB              | 01/06/2021 | AON        | Pairs      | 1     |
| Methil Docks                | 22/05/2021 | AON        | Pairs      | 2     |
| Eastfield Industrial Estate | 15/07/2021 | AON        | Pairs      | 1     |
| Boulby Cliffs               | 30/06/2020 | AON        | Pairs      | N/A   |
| Inchgarvie                  | 01/06/2021 | AOT        | Pairs      | 19    |
| Inchgarvie                  | 28/05/2019 | AOT        | Pairs      | 16    |
| Inchgarvie                  | 29/05/2018 | AON        | Pairs      | 41    |
| Inchgarvie                  | 05/06/2022 | AOT        | Pairs      | 16    |
| Inchkeith                   | 14/05/2022 | AOT        | Pairs      | 2,310 |
| Inchcolm                    | 31/05/2022 | AOT        | Pairs      | 1,930 |
| Carr Craig                  | 31/05/2022 | AOT        | Pairs      | 19    |
| Inchcolm                    | 18/05/2021 | AOT        | Pairs      | 1,833 |
| Carr Craig                  | 04/06/2022 | AOT        | Pairs      | 6     |
| Haystack                    | 31/05/2022 | AOT        | Pairs      | 5     |
| Haystack                    | 04/06/2022 | AOT        | Pairs      | 4     |
| Invergordon Town and Docks  | 13/05/2018 | AON        | Pairs      | 2     |
| Beechgrove House (urban)    | 29/05/2019 | AOT        | Pairs      | 5     |
| Menstrie Factory            | 28/05/2019 | AON        | Pairs      | 2     |
| Inverkeithing (urban)       | 25/06/2023 | AON        | Pairs      | 3     |
| Nigg Oil Terminal           | 15/05/2018 | AON        | Pairs      | 3     |
| Forres Town                 | 30/05/2019 | AON        | Pairs      | 4     |
| Lossiemouth 1               | 03/06/2019 | AON        | Pairs      | 1     |
| Kinloss Aerodrome 1         | 20/05/2019 | AON        | Pairs      | 3     |
| Buchan Ness to Collieston   | 11/06/2019 | AON        | Pairs      | 10    |
| Kelliebank Ind Est (A)      | 26/05/2018 | AON        | Pairs      | 20    |

| Master Site - Colony                    | Count Date | Count Type | Count Unit | Count  |
|---|------------|------------|------------|--------|
| Kelliebank Ind Est (B)                  | 26/05/2018 | AON        | Pairs      | 6      |
| Prestonpans Station                     | 08/07/2021 | AON        | Pairs      | 14     |
| Total breeding adults                   |            |            |            | 21,584 |
| Juveniles per adult                     |            |            |            | 0.68   |
| Total population (juveniles and adults) |            |            |            | 36,261 |

## EUROPEAN STORM PETREL

**Table 1.9: European Storm Petrel Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023)**

| Master Site - Colony | Count Date | Count Type | Count Unit | Count  |
|----------------------|------------|------------|------------|--------|
| Haskeir              | 26/06/2021 | AOS        | Pairs      | N/A    |
| Shillay              | 06/06/2021 | AOS        | Pairs      | 11     |
| Copinsay RSPB        | 28/06/2019 | AOS        | Pairs      | 34     |
| Shillay              | 23/06/2021 | AOS        | Pairs      | 2      |
| Gruney               | 29/06/2019 | AOS        | Pairs      | 2      |
| Eilean Hoan RSPB     | 01/01/2018 | AOS        | Pairs      | 121    |
| Noss                 | 24/07/2021 | AOS        | Pairs      | 28     |
| Hirta                | 01/06/2021 | AOS        | Pairs      | 5,000  |
| Total population     |            |            |            | 10,480 |

## GREAT SKUA

**Table 1.10: Great Skua Regional Breeding Season Population Estimate Calculation. Colony Counts from Seabird Monitoring Programme (2023). Juveniles Per Adult from Furness (2015)**

| Master Site - Colony | Count Date | Count Type | Count Unit | Count |
|----------------------|------------|------------|------------|-------|
| Copinsay RSPB        | 01/06/2023 | AOT        | Pairs      | 7     |
| Noup Hill            | 30/05/2023 | AOT        | Pairs      | 4     |
| Muckle Hill          | 30/05/2023 | AOT        | Pairs      | 3     |
| Vinquoy Hill         | 30/05/2023 | AOT        | Pairs      | N/A   |
| London Airport       | 28/05/2023 | AOT        | Pairs      | 1     |
| Burn of Mossetter    | 29/05/2023 | AOT        | Pairs      | N/A   |
| Fersness Hill        | 29/05/2023 | AOT        | Pairs      | 4     |
| Whitemaw Hill        | 29/05/2023 | AOT        | Pairs      | 3     |
| Leeniesdale Hill     | 28/05/2023 | AOT        | Pairs      | N/A   |
| Loch of London       | 28/05/2023 | AOT        | Pairs      | N/A   |

| Master Site - Colony              | Count Date | Count Type | Count Unit | Count |
|-----------------------------------|------------|------------|------------|-------|
| Ward Hill                         | 28/05/2023 | AOT        | Pairs      | 4     |
| Chapel Hill                       | 29/05/2023 | AOT        | Pairs      | N/A   |
| Rothiesholm Head (ground-nesters) | 03/06/2023 | AOT        | Pairs      | 6     |
| Lamb Ness 1                       | 03/06/2023 | AOT        | Pairs      | N/A   |
| Links Ness to Huip                | 25/05/2023 | AOT        | Pairs      | N/A   |
| Burgh Head 1                      | 03/06/2023 | AOT        | Pairs      | 1     |
| Knowes of Whirliegar 1            | 28/06/2023 | AOT        | Pairs      | N/A   |
| Knowes of Whirliegar 2            | 28/06/2023 | AOT        | Pairs      | 2     |
| Loch of Withamo                   | 28/06/2023 | AOT        | Pairs      | N/A   |
| Withamo                           | 28/06/2023 | AOT        | Pairs      | N/A   |
| Suso Burn near Breval 1           | 29/06/2023 | AOT        | Pairs      | 1     |
| Eday 7                            | 30/05/2023 | AOT        | Pairs      | N/A   |
| Eday 9                            | 29/05/2023 | AOT        | Pairs      | N/A   |
| HP 590113 - SKUA/GBBG             | 03/06/2023 | AOT        | Pairs      | 8     |
| HP 580129 - SKUA/GBBG             | 04/06/2023 | AOT        | Pairs      | 16    |
| HP 595132 - SKUA/GBBG             | 04/06/2023 | AOT        | Pairs      | 22    |
| HP 5807 - SKUA/GBBG               | 04/06/2023 | AOT        | Pairs      | N/A   |
| HU640910 - SKUA/GBBG              | 07/06/2023 | AOT        | Pairs      | 4     |
| HU640900 - SKUA/GBBG              | 06/07/2023 | AOT        | Pairs      | N/A   |
| HU650900 - SKUA/GBBG              | 26/05/2023 | AOT        | Pairs      | N/A   |
| HU640890 - SKUA/GBBG              | 26/05/2023 | AOT        | Pairs      | 4     |
| HU650890 - SKUA/GBBG              | 26/05/2023 | AOT        | Pairs      | 2     |
| HU650880 - SKUA/GBBG              | 26/05/2023 | AOT        | Pairs      | 3     |
| HU650880 - SKUA/GBBG              | 26/05/2023 | AOT        | Pairs      | N/A   |
| HU630910 - SKUA/GBBG              | 07/06/2023 | AOT        | Pairs      | 5     |
| HU580920 - SKUA/GBBG              | 14/06/2023 | AOT        | Pairs      | 3     |
| HU590920 - SKUA/GBBG              | 03/07/2023 | AOT        | Pairs      | 2     |
| HU580910 - SKUA/GBBG              | 31/05/2023 | AOT        | Pairs      | 12    |
| HU590910 - SKUA/GBBG              | 30/05/2023 | AOT        | Pairs      | 4     |
| HU590900 - SKUA/GBBG              | 28/05/2023 | AOT        | Pairs      | 10    |
| HP 6106 - SKUA/GBBG               | 09/06/2023 | AOT        | Pairs      | 18    |
| HP6317 - SKUA/GBBG                | 02/06/2023 | AOT        | Pairs      | 18    |
| HP6317 - SKUA/GBBG                | 02/06/2023 | AOT        | Pairs      | 3     |
| HP 632169 - SKUA/GBBG             | 02/06/2023 | AOT        | Pairs      | 20    |
| HP6216 - SKUA/GBBG                | 02/06/2023 | AOT        | Pairs      | 12    |
| HP6216 - SKUA/GBBG                | 02/06/2023 | AOT        | Pairs      | 1     |
| HP6216 - SKUA/GBBG                | 02/06/2023 | AOT        | Pairs      | 12    |
| HP6216 - SKUA/GBBG                | 02/06/2023 | AOT        | Pairs      | 1     |



| Master Site - Colony          | Count Date | Count Type | Count Unit | Count |
|-------------------------------|------------|------------|------------|-------|
| HP6215 - SKUA/GBBG            | 02/06/2023 | AOT        | Pairs      | 14    |
| HP6215 - SKUA/GBBG            | 02/06/2023 | AOT        | Pairs      | 14    |
| HP6315 - SKUA/GBBG            | 02/06/2023 | AOT        | Pairs      | 29    |
| HP6415 - SKUA/GBBG            | 05/06/2023 | AOT        | Pairs      | 23    |
| HP 640165 - SKUA/GBBG         | 05/06/2023 | AOT        | Pairs      | 33    |
| North Hill RSPB, Papa Westray | 28/06/2023 | AOT        | Pairs      | 20    |
| HU630920 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 20    |
| HU640920 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 14    |
| HU640930 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 6     |
| HU640930 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 3     |
| HU610940 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 5     |
| HU610940 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 5     |
| HU610930 - SKUA/GBBG          | 30/05/2023 | AOT        | Pairs      | 13    |
| Fetlar RSPB                   | 20/06/2023 | AOT        | Pairs      | 4     |
| HU670900 - SKUA/GBBG          | 08/06/2023 | AOT        | Pairs      | N/A   |
| HU660890 - SKUA/GBBG          | 26/05/2023 | AOT        | Pairs      | 2     |
| HU660880 - SKUA/GBBG          | 26/05/2023 | AOT        | Pairs      | 1     |
| HU600890 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 29    |
| HU610890 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 3     |
| HU590880 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 2     |
| HU590880 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 2     |
| HU600880 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 25    |
| HU600880 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 25    |
| HU600870 - SKUA/GBBG          | 06/06/2023 | AOT        | Pairs      | 1     |
| HU600870 - SKUA/GBBG          | 06/06/2023 | AOT        | Pairs      | 1     |
| HU590890 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 10    |
| HU590890 - SKUA/GBBG          | 28/05/2023 | AOT        | Pairs      | 10    |
| HU 3488 - SKUA/GBBG           | 29/06/2023 | AOT        | Pairs      | 4     |
| HU 2884 - SKUA/GBBG           | 27/06/2023 | AOT        | Pairs      | 11    |
| HU 2983 - SKUA/GBBG           | 27/06/2023 | AOT        | Pairs      | N/A   |
| HU 3183 - SKUA/GBBG           | 27/06/2023 | AOT        | Pairs      | N/A   |
| HU 3383 - SKUA/GBBG           | 28/06/2023 | AOT        | Pairs      | N/A   |
| HU4364 - SKUA/GBBG            | 14/06/2023 | AOT        | Pairs      | 1     |
| HU4266 - SKUA/GBBG            | 14/06/2023 | AOT        | Pairs      | N/A   |
| HU 3284 - SKUA/GBBG           | 27/06/2023 | AOT        | Pairs      | 1     |
| HU 3484 - SKUA/GBBG           | 26/06/2023 | AOT        | Pairs      | N/A   |
| Black Batten                  | 27/06/2023 | AOT        | Pairs      | 2     |
| HU 2985 - SKUA/GBBG           | 27/06/2023 | AOT        | Pairs      | 6     |

| Master Site - Colony | Count Date | Count Type | Count Unit | Count |
|----------------------|------------|------------|------------|-------|
| HU 3087 - SKUA/GBBG  | 28/06/2023 | AOT        | Pairs      | 1     |
| HU 3086 - SKUA/GBBG  | 28/06/2023 | AOT        | Pairs      | 11    |
| HU 3085 - SKUA/GBBG  | 27/06/2023 | AOT        | Pairs      | 9     |
| HU 3485 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | N/A   |
| HU 3585 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | N/A   |
| HU 3185 - SKUA/GBBG  | 28/06/2023 | AOT        | Pairs      | 1     |
| HU 3285 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | 4     |
| HU 3385 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | N/A   |
| HU 3186 - SKUA/GBBG  | 28/06/2023 | AOT        | Pairs      | 1     |
| HU 3187 - SKUA/GBBG  | 28/06/2023 | AOT        | Pairs      | N/A   |
| HU 3287 - SKUA/GBBG  | 28/06/2023 | AOT        | Pairs      | 3     |
| HU 3286 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | 3     |
| HU 3386 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | 1     |
| HU 3387 - SKUA/GBBG  | 29/06/2023 | AOT        | Pairs      | 2     |
| HU 3487 - SKUA/GBBG  | 29/06/2023 | AOT        | Pairs      | 6     |
| HU 3486 - SKUA/GBBG  | 26/06/2023 | AOT        | Pairs      | N/A   |
| HU 3587 - SKUA/GBBG  | 29/06/2023 | AOT        | Pairs      | N/A   |
| HU3082 - SKUA/GBBG   | 27/06/2023 | AOT        | Pairs      | N/A   |
| HU3081 - SKUA/GBBG   | 27/06/2023 | AOT        | Pairs      | N/A   |
| HU3181 - SKUA/GBBG   | 27/06/2023 | AOT        | Pairs      | N/A   |
| HU3181 - SKUA/GBBG   | 27/06/2023 | AOT        | Pairs      | N/A   |
| HU 3065 - SKUA/GBBG  | 13/06/2023 | AOT        | Pairs      | N/A   |
| HU 3164 - SKUA/GBBG  | 13/06/2023 | AOT        | Pairs      | N/A   |
| HU 3064 - SKUA/GBBG  | 13/06/2023 | AOT        | Pairs      | 5     |
| HU350130 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 24    |
| HU350120 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 23    |
| HU340120 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 5     |
| HU340120 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 5     |
| HU340110 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | N/A   |
| HU340110 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | N/A   |
| HU340130 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 18    |
| HU340130 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 1     |
| HU340130 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 18    |
| HU340130 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 1     |
| HU340140 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 15    |
| HU340140 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 1     |
| HU340140 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 15    |
| HU340140 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 1     |

| Master Site - Colony | Count Date | Count Type | Count Unit | Count |
|----------------------|------------|------------|------------|-------|
| HU350140 - SKUA/GBBG | 23/06/2023 | AOT        | Pairs      | 6     |
| Corn Holm            | 01/06/2023 | AOT        | Pairs      | 1     |
| Hoy RSPB Reserve     | 22/06/2023 | AOT        | Pairs      | 130   |
| Birsay Moors RSPB    | 08/06/2023 | AOT        | Pairs      | 27    |
| Trumland RSPB        | 28/06/2023 | AOT        | Pairs      | 1     |
| Stronsay (skuas)     | 03/06/2023 | AOT        | Pairs      | N/A   |
| HY3632               | 17/06/2023 | AOT        | Pairs      | 5     |
| HY3632               | 17/06/2023 | AOT        | Pairs      | 5     |
| HY3732               | 17/06/2023 | AOT        | Pairs      | 4     |
| HY3733               | 17/06/2023 | AOT        | Pairs      | 5     |
| ND2097               | 24/06/2023 | AOT        | Pairs      | 1     |
| ND2097               | 24/06/2023 | AOT        | Pairs      | 1     |
| ND2197               | 24/06/2023 | AOT        | Pairs      | 8     |
| ND2297               | 24/06/2023 | AOT        | Pairs      | 2     |
| ND2397               | 24/06/2023 | AOT        | Pairs      | 2     |
| ND2497               | 24/06/2023 | AOT        | Pairs      | 1     |
| ND2098               | 25/06/2023 | AOT        | Pairs      | N/A   |
| ND2098               | 25/06/2023 | AOT        | Pairs      | N/A   |
| ND2198               | 25/06/2023 | AOT        | Pairs      | 2     |
| ND2298               | 25/06/2023 | AOT        | Pairs      | N/A   |
| ND2398               | 24/06/2023 | AOT        | Pairs      | 1     |
| ND2498               | 24/06/2023 | AOT        | Pairs      | N/A   |
| ND1799               | 24/06/2023 | AOT        | Pairs      | 8     |
| ND1799               | 24/06/2023 | AOT        | Pairs      | 8     |
| ND1899               | 24/06/2023 | AOT        | Pairs      | 7     |
| ND1899               | 24/06/2023 | AOT        | Pairs      | 7     |
| ND1999               | 24/06/2023 | AOT        | Pairs      | N/A   |
| ND2099               | 25/06/2023 | AOT        | Pairs      | 11    |
| ND2099               | 25/06/2023 | AOT        | Pairs      | 11    |
| ND2199               | 25/06/2023 | AOT        | Pairs      | 4     |
| ND2299               | 25/06/2023 | AOT        | Pairs      | 2     |
| ND2399               | 25/06/2023 | AOT        | Pairs      | N/A   |
| ND2499               | 24/06/2023 | AOT        | Pairs      | N/A   |
| HY1700               | 26/06/2023 | AOT        | Pairs      | 2     |
| HY1700               | 26/06/2023 | AOT        | Pairs      | 2     |
| HY1800               | 23/06/2023 | AOT        | Pairs      | 13    |
| HY1900               | 23/06/2023 | AOT        | Pairs      | 7     |
| HY2000               | 23/06/2023 | AOT        | Pairs      | 2     |

| Master Site - Colony | Count Date | Count Type | Count Unit | Count |
|----------------------|------------|------------|------------|-------|
| HY2100               | 23/06/2023 | AOT        | Pairs      | 2     |
| HY2200               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2300               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2500               | 05/07/2023 | AOT        | Pairs      | 3     |
| HY2600               | 05/07/2023 | AOT        | Pairs      | 4     |
| HY1801               | 23/06/2023 | AOT        | Pairs      | 20    |
| HY1901               | 23/06/2023 | AOT        | Pairs      | 6     |
| HY2001               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2101               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2201               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2301               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2401               | 05/07/2023 | AOT        | Pairs      | 1     |
| HY1802               | 22/06/2023 | AOT        | Pairs      | 6     |
| HY1902               | 22/06/2023 | AOT        | Pairs      | 3     |
| HY2002               | 22/06/2023 | AOT        | Pairs      | N/A   |
| HY2102               | 22/06/2023 | AOT        | Pairs      | 2     |
| HY2202               | 23/06/2023 | AOT        | Pairs      | N/A   |
| HY2402               | 05/07/2023 | AOT        | Pairs      | N/A   |
| HY1803               | 22/06/2023 | AOT        | Pairs      | 1     |
| HY1803               | 22/06/2023 | AOT        | Pairs      | 1     |
| HY1903               | 22/06/2023 | AOT        | Pairs      | 10    |
| HY2003               | 22/06/2023 | AOT        | Pairs      | 10    |
| HY2103               | 22/06/2023 | AOT        | Pairs      | 3     |
| HY2203               | 22/06/2023 | AOT        | Pairs      | 1     |
| HY2303               | 05/07/2023 | AOT        | Pairs      | N/A   |
| HY1904               | 22/06/2023 | AOT        | Pairs      | 4     |
| HY2004               | 04/07/2023 | AOT        | Pairs      | 4     |
| HY2104               | 04/07/2023 | AOT        | Pairs      | 8     |
| HY2204               | 04/07/2023 | AOT        | Pairs      | N/A   |
| HP5813 SKUA/GBBG     | 04/06/2023 | AOT        | Pairs      | 27    |
| HP6217 - SKUA/GBBG   | 02/06/2023 | AOT        | Pairs      | 3     |
| HP6217 - SKUA/GBBG   | 02/06/2023 | AOT        | Pairs      | 3     |
| HU3084 - SKUA/GBBG   | 27/06/2023 | AOT        | Pairs      | 2     |
| HU 2982 - SKUA/GBBG  | 27/06/2023 | AOT        | Pairs      | 3     |
| HU 2982 - SKUA/GBBG  | 27/06/2023 | AOT        | Pairs      | 3     |
| HU630930 - SKUA/GBBG | 30/05/2023 | AOT        | Pairs      | 5     |
| HU630930 - SKUA/GBBG | 30/05/2023 | AOT        | Pairs      | 27    |
| HU600900 - SKUA/GBBG | 28/05/2023 | AOT        | Pairs      | N/A   |

| Master Site - Colony                    | Count Date | Count Type | Count Unit | Count  |
|---|------------|------------|------------|--------|
| HU600900 - SKUA/GBBG                    | 28/05/2023 | AOT        | Pairs      | 2      |
| HP 5912 - SKUA/GBBG                     | 03/06/2023 | AOT        | Pairs      | N/A    |
| HP 5910 - SKUA/GBBG                     | 03/06/2023 | AOT        | Pairs      | N/A    |
| HP 5909 - SKUA/GBBG                     | 05/06/2023 | AOT        | Pairs      | 4      |
| Total breeding adults                   |            |            |            | 17,624 |
| Juveniles per adult                     |            |            |            | 1.42   |
| Total population (juveniles and adults) |            |            |            | 42,650 |



# Ossian



**Marubeni**



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