

**Summary of Black-legged Kittiwake *Rissa tridactyla* breeding data recorded on the River Tyne, northeast England, during 2001 – 2009**

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These data include all the River Tyne breeding locations [that were known at the time] and they result from surveys carried out by the author.

These tables provide summaries only. For more complete data and explanations please refer to the complete annual seabird breeding reports ... which are mentioned in the reference list at the end.

**Key:**            **AON**                            Apparently Occupied Nests (well-built nests capable of containing eggs, with at least one adult present)  
                   **Successful nests**            those raising at least one well-grown chick.

**2001 summary data:** Kittiwake nests (AON) on the River Tyne from 6 to 9 June 2001.

| <b>Location</b>                    | <b>AON (early June)</b> | <b>Successful nests (mid July)</b> | <b>Number of chicks / AON</b> |
|------------------------------------|-------------------------|------------------------------------|-------------------------------|
| 1. Tynemouth cliffs                | 83                      | 53                                 | 0.81                          |
| 2. N Shields Ferry Landing         | 9                       | 6                                  | 1.00 - 1.11                   |
| 3. International Paints / Coatings | 199                     | 150                                | 1.15                          |
| 4. Baltic Flour Mill               | 0                       | 0                                  | not applicable                |
| 5. Kittiwake Tower (Gateshead)     | 112                     | 45                                 | 0.55                          |
| 6. Newcastle Quayside buildings    | 11                      | 7                                  | 0.91                          |
| 7. Tyne Bridge - Newcastle         | 134                     | 73                                 | 0.84                          |
| <b>Totals</b>                      | <b>548</b>              | <b>334</b>                         | <b>0.89</b>                   |

**2002 summary data:** Kittiwake nests (AON) on the River Tyne from 3 to 11 June 2002.

| <b>Location</b>                 | <b>AON (early June)</b> | <b>Successful nests (mid July 2002)</b> | <b>Number of chicks / AON</b> |
|---------------------------------|-------------------------|-----------------------------------------|-------------------------------|
| 1. Tynemouth cliffs             | 93                      | 75                                      | 1.25                          |
| 2. N Shields Ferry Landing      | 11                      | 9                                       | 1.27                          |
| 3. McNulty, Tyne Dock           | 40                      | 30                                      | 1.13 – 1.15                   |
| 4. International Coatings       | 215                     | 175                                     | 1.17                          |
| 5. Kittiwake Tower (Gateshead)  | 101                     | 74                                      | 0.98                          |
| 6. Newcastle Quayside buildings | 13                      | 10                                      | 1.15                          |
| 7. Tyne Bridge – Newcastle side | 152                     | 120                                     | 1.16                          |
| 8. Tyne Bridge – Gateshead side | 9                       | 5                                       | 0.67                          |
| <b>Totals</b>                   | <b>634</b>              | <b>498</b>                              | <b>1.14</b>                   |

**2003 summary data:** Kittiwake nests (AON) on the River Tyne from 4 to 6 June 2003.

| <b>Location</b>                 | <b>AON (early June)</b> | <b>Successful nests (mid July 2003)</b> | <b>Number of chicks / AON</b> |
|---------------------------------|-------------------------|-----------------------------------------|-------------------------------|
| 1. Tynemouth cliffs             | 76                      | 34                                      | 0.61                          |
| 2. N Shields Ferry Landing      | 7                       | 4                                       | 1.29                          |
| 3. McNulty, Tyne Dock           | 41                      | 33                                      | 1.12                          |
| 4. International Coatings       | 194                     | 123                                     | 0.88                          |
| 5. Kittiwake Tower (Gateshead)  | 88                      | 45                                      | 0.72                          |
| 6. Newcastle Quayside buildings | 5                       | 4                                       | 1.00                          |
| 7. Tyne Bridge – Newcastle side | 142                     | 104                                     | 1.06                          |
| 8. Tyne Bridge – Gateshead side | 9                       | 4                                       | 0.67                          |
| <b>Totals</b>                   | <b>562</b>              | <b>351</b>                              | <b>0.88</b>                   |

**2004 summary data:** Kittiwake nests (AON) on the River Tyne on 7 and 8 June 2004.

| <b>Location</b>                 | <b>AON<br/>(early June)</b> | <b>Successful nests<br/>(mid July 2004)</b> | <b>Number of<br/>chicks / AON</b> |
|---------------------------------|-----------------------------|---------------------------------------------|-----------------------------------|
| 1. Tynemouth cliffs             | 75                          | 34                                          | 0.48                              |
| 2. N Shields Ferry Landing      | 8                           | 5                                           | 0.75                              |
| 3. McNulty, Tyne Dock           | 29                          | 16                                          | 0.66                              |
| 4. International Coatings       | 178                         | 102                                         | 0.69                              |
| 5. Baltic Flour Mill            | 2                           | 0                                           | 0.00                              |
| 6. Kittiwake Tower (Gateshead)  | 73                          | 48                                          | 0.75                              |
| 7. Newcastle Quayside buildings | 8                           | 7                                           | 0.88                              |
| 8. Tyne Bridge – Newcastle side | 176                         | 107                                         | 0.70                              |
| 9. Tyne Bridge – Gateshead side | 10                          | 8                                           | 0.80                              |
| <b>Totals</b>                   | <b>559</b>                  | <b>327</b>                                  | <b>0.67</b>                       |

**2005 summary data:** Kittiwake nests (AON) on the River Tyne from 6 to 11 June 2005.

| <b>Location</b>                 | <b>AON<br/>(early June)</b> | <b>Successful nests<br/>(mid July 2005)</b> | <b>Number of<br/>chicks / AON</b> |
|---------------------------------|-----------------------------|---------------------------------------------|-----------------------------------|
| 1. Tynemouth cliffs             | 103                         | 57 – 79                                     | 0.76 – 1.05                       |
| 2. N Shields Ferry Landing      | 8                           | 6                                           | 1.13                              |
| 3. McNulty, Tyne Dock           | 39                          | 20 – 22                                     | 0.67 – 0.74                       |
| 4. International Coatings       | 160                         | 114 – 122                                   | 0.92 – 0.98                       |
| 5. Baltic Flour Mill            | 2                           | 1                                           | 0.5                               |
| 6. Kittiwake Tower (Gateshead)  | 88                          | 53 – 55                                     | 0.86 – 0.91                       |
| 7. Newcastle Quayside buildings | 18                          | 15 – 16                                     | 1.06 – 1.17                       |
| 8. Tyne Bridge – Newcastle side | 195                         | 139 – 142                                   | 0.95 – 0.97                       |
| 9. Tyne Bridge – Gateshead side | 13                          | 10 - 12                                     | 1.0 – 1.15                        |
| <b>Totals</b>                   | <b>626</b>                  | <b>415 - 455</b>                            | <b>0.88 – 0.97</b>                |

**2006 summary data:** Kittiwake nests (AON) on the River Tyne from 5 to 10 June 2006.

| <b>Location</b>                 | <b>AON<br/>(early June<br/>2006)</b> | <b>Min. number of<br/>successful nests<br/>(mid July 2006)</b> | <b>Min. no. of<br/>young fledged /<br/>AON</b> |
|---------------------------------|--------------------------------------|----------------------------------------------------------------|------------------------------------------------|
| 1. Tynemouth cliffs             | 126                                  | 90                                                             | 1.07                                           |
| 2. N Shields Ferry Landing      | 8                                    | 8                                                              | 1.63                                           |
| 3. McNulty, Tyne Dock           | 38                                   | 32                                                             | 1.32                                           |
| 4. International Coatings       | 182                                  | 151                                                            | 1.26                                           |
| 5. Baltic Flour Mill            | 6                                    | 6                                                              | 1.67                                           |
| 6. Kittiwake Tower (Gateshead)  | 105                                  | 84                                                             | 1.06                                           |
| 7. Newcastle Quayside buildings | 19                                   | 11                                                             | 0.95                                           |
| 8. Tyne Bridge – Newcastle side | 228                                  | 159                                                            | 1.00                                           |
| 9. Tyne Bridge – Gateshead side | 28                                   | 26                                                             | 1.14                                           |
| <b>Totals</b>                   | <b>740</b>                           | <b>567</b>                                                     | <b>1.12</b>                                    |

**2007 summary data:** Kittiwake nests (AON) on the River Tyne from 6 to 8 June 2007.

| <b>Location</b>                 | <b>AON<br/>(early June<br/>2007)</b> | <b>Min. number of<br/>successful nests<br/>(mid July 2007)</b> | <b>Min. no. of<br/>young fledged /<br/>AON</b> |
|---------------------------------|--------------------------------------|----------------------------------------------------------------|------------------------------------------------|
| 1. Tynemouth cliffs             | 152                                  | 86                                                             | 0.74                                           |
| 2. N Shields Ferry Landing      | 11                                   | 9                                                              | 1.09                                           |
| 3. McNulty, Tyne Dock           | 41                                   | 33                                                             | 1.05                                           |
| 4. International Coatings       | 205                                  | 88                                                             | 0.60                                           |
| 5. Baltic Flour Mill            | 17                                   | 10                                                             | 0.71                                           |
| 6. Kittiwake Tower (Gateshead)  | 143                                  | 101                                                            | 0.93                                           |
| 7. Newcastle Quayside buildings | 21                                   | 15                                                             | 0.90                                           |
| 8. Tyne Bridge – Newcastle side | 264                                  | 198                                                            | 1.05                                           |
| 9. Tyne Bridge – Gateshead side | 41                                   | 30                                                             | 0.90                                           |
| 10. Newcastle Quay: Guildhall   | 12                                   | 9                                                              | 0.83                                           |
| <b>Totals</b>                   | <b>907</b>                           | <b>579</b>                                                     | <b>0.86</b>                                    |

**2008 summary data:** Kittiwake nests (AON) on the River Tyne on 5 and 6 June 2008.

| <b>Location</b>                   | <b>AON<br/>(early June<br/>2008)</b> | <b>Min. number of<br/>successful nests<br/>(mid July 2008)</b> | <b>Min. no. of<br/>young fledged /<br/>AON</b> |
|-----------------------------------|--------------------------------------|----------------------------------------------------------------|------------------------------------------------|
| 1. Tynemouth cliffs               | 120                                  | 61                                                             | 0.58                                           |
| 2. N Shields Ferry Landing        | 12                                   | 6                                                              | 0.58                                           |
| 3. McNulty, Tyne Dock             | 42                                   | 28                                                             | 0.71                                           |
| 4. International Coatings         | 149                                  | 58                                                             | 0.48                                           |
| 5. Baltic Flour Mill              | 22                                   | 14                                                             | 0.73                                           |
| 6. Kittiwake Tower (Gateshead)    | 120                                  | 34                                                             | 0.30                                           |
| 7. Newcastle Quayside buildings   | 21                                   | 12                                                             | 0.67                                           |
| 8. Tyne Bridge – Newcastle side   | 274                                  | 154                                                            | 0.69                                           |
| 9. Tyne Bridge – Gateshead side   | 37                                   | 21                                                             | 0.62                                           |
| 10. Newcastle Quay: Guildhall     | 15                                   | 9                                                              | 0.60                                           |
| <b>Totals and overall success</b> | <b>812</b>                           | <b>397</b>                                                     | <b>0.57</b>                                    |

**2009 summary data:** Kittiwake nests (AON) on the River Tyne from 4 to 8 June 2009.

| <b>Location</b>                   | <b>AON<br/>(early June<br/>2009)</b> | <b>Min. number of<br/>successful nests<br/>(mid July 2009)</b> | <b>Min. no. of<br/>young fledged /<br/>AON</b> |
|-----------------------------------|--------------------------------------|----------------------------------------------------------------|------------------------------------------------|
| 1. Tynemouth cliffs               | 134                                  | 93                                                             | 0.94                                           |
| 2. N Shields Ferry Landing        | 13                                   | 11                                                             | 1.54                                           |
| 3. McNulty, Tyne Dock             | 41                                   | 37                                                             | 1.41                                           |
| 4. International Coatings         | 116                                  | 95                                                             | 1.23                                           |
| 5. Baltic Flour Mill              | 27                                   | 25                                                             | 1.30                                           |
| 6. Kittiwake Tower (Gateshead)    | 110                                  | 82                                                             | 1.05                                           |
| 7. Newcastle Quayside buildings   | 21                                   | 24                                                             | 1.81                                           |
| 8. Tyne Bridge – Newcastle side   | 268                                  | 202                                                            | 1.10                                           |
| 9. Tyne Bridge – Gateshead side   | 42                                   | 37                                                             | 1.31                                           |
| 10. Newcastle Quay: Guildhall     | 26                                   | 18                                                             | 1.15                                           |
| <b>Totals and overall success</b> | <b>798</b>                           | <b>624</b>                                                     | <b>1.15</b>                                    |

**Note.** The author completed surveys to gather further River Tyne kittiwake breeding data for the period 1994 – 2000 and 2010 – 2012 which he will try to summarise (for the ‘Tyne Kittiwakes Partnership’ web page, on the website of the Nat. Hist. Soc. of Northumbria) when time allows.

## Acknowledgements

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## References

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