



NÁTTÚRUSTOFA SUÐURLANDS

The Atlantic Puffin's burrow population in Iceland



HÁSKÓLI ÍSLANDS

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METHODS

🐾 Burrow number is the product of colony area & burrow density.

🐾 The breeding areas were measured from aerial photographs & burrow density was measured in 5x5 m squares, most of the larger colonies were counted 1980-2021.

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RESULTS

🐾 Icelandic Atlantic puffin (*Fratercula arctica*) **breeding burrow population** estimate: 2.835.000 (±585.000 95% CI).

🐾 ≈40% of the Atlantic Puffin **World's population** breed in Iceland.

🐾 40% of the Icelandic burrows are in the **Westman archipelago**.

🐾 90% of the Icelandic burrows are in **21 IBA* colonies** (>10.000 pairs) shown by: ●

🐾 75% of the burrows are in five IBA colonies or archipelagos.

