

Data submitted to the National Audit for Small Animal Neutering (NASAN) consists of **45,379** patients who underwent routine neutering in the UK. The following procedures made up this data:



12,655 castrates
12,342 spays
133 laparoscopic spays

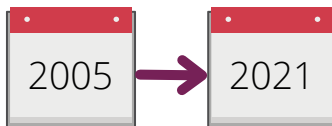


12,579 spays
7,127 castrates



321 castrates
222 spays

- 1 Data has been donated by **213 different practices** over **16 years**.



- 2 On average, **17%** of all neutering procedures will end up with complications, ranging from mild, to fatal.

- 3 **Bitch spays** have the **highest complication rate**, with **26%** returning for treatment. **Dog castrates** are the second highest at **22%**.

- 4 **94%** of laparoscopic bitch spays recover with **no complications**, compared to **74%** of traditional bitch spays.



- 5 Of all the animals that required corrective surgery, nearly **half** of these were cat spays.



- 6 **82%** of all rabbits had no complications after surgery.



- 9 Cats make up **70%** of all patients **lost to follow-up**.



- 10 Only **4%** of cat castrates experienced complications, the **lowest complication rate**.

- 11 **10%** of all dogs received further medication for their complication.



- 12 Fatality rate of **1.5%** in rabbit spays higher than the rate of **0.4%** in rabbit castrates.

- 13 The complication rate is higher in rabbit castrates, **20%**, compared to rabbit spays, **12.3%**.

- 14 **16%** of animals have experienced complications after neutering.