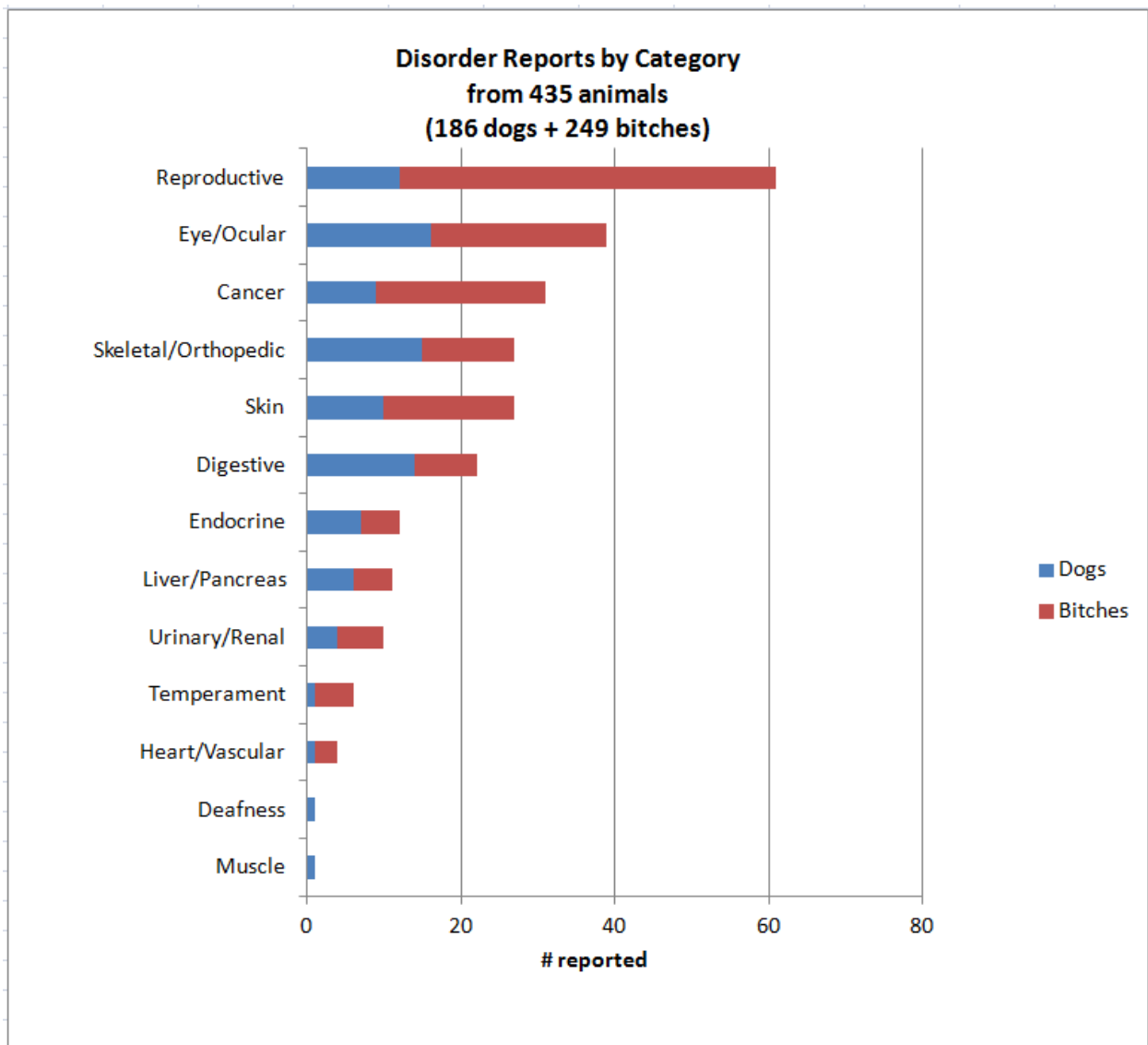


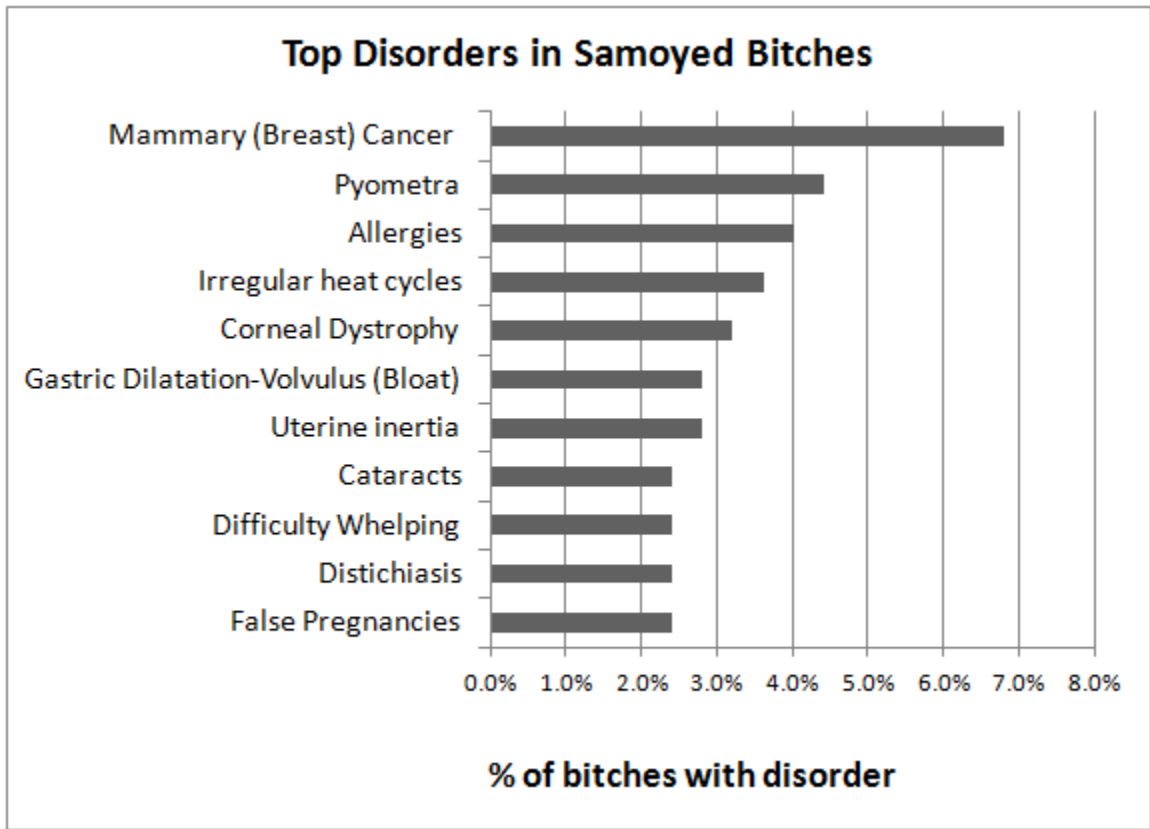
Samoyed DNA Bank/Database Analysis - February 2015

The SCARF DNA Bank/Database now includes DNA from 299 Samoyeds - 164 dogs and 135 bitches. The Database also includes information (without DNA) about an additional 136 Samoyeds, so health histories are available for a total of 435 Samoyeds - 186 dogs and 249 bitches.

The reproductive category, including problems with reproduction and reproductive organs, had the most disorder reports, including 5 of the top 11 disorders in bitches. Ocular disorders were the second most frequently reported, with cataracts being the most frequently reported disorder in dogs. Cancer reports were in third place, with mammary (breast) cancer - the most frequently reported disorder - seen in almost 7% of bitches.

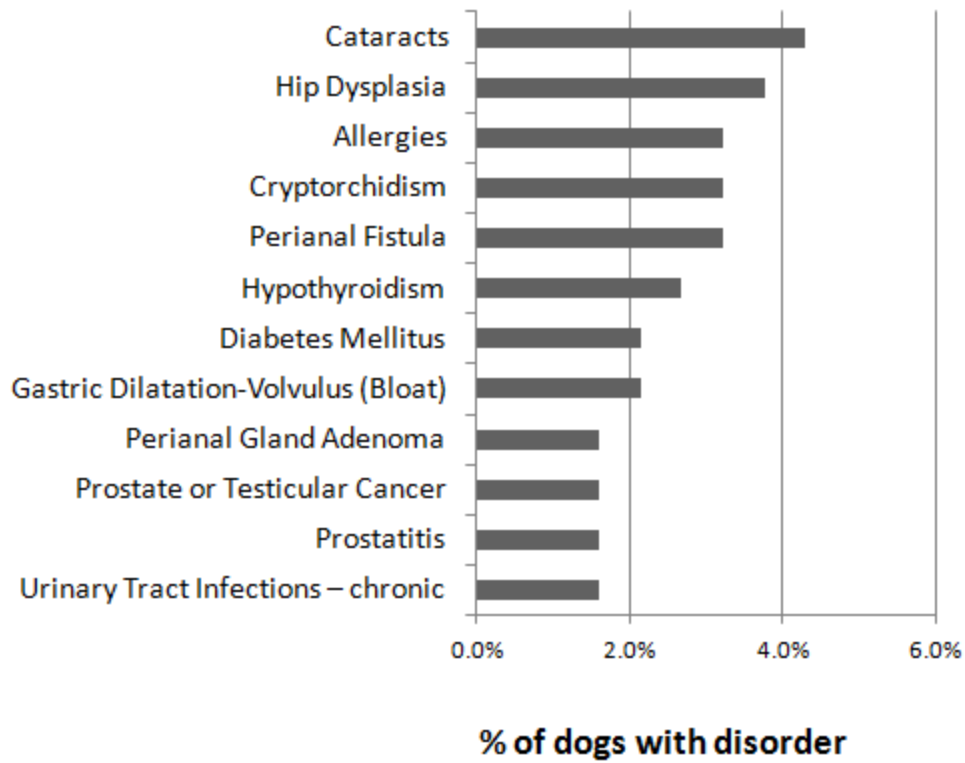


This table shows the number of disorders in each category as reported by owners of 435 Samoyeds.



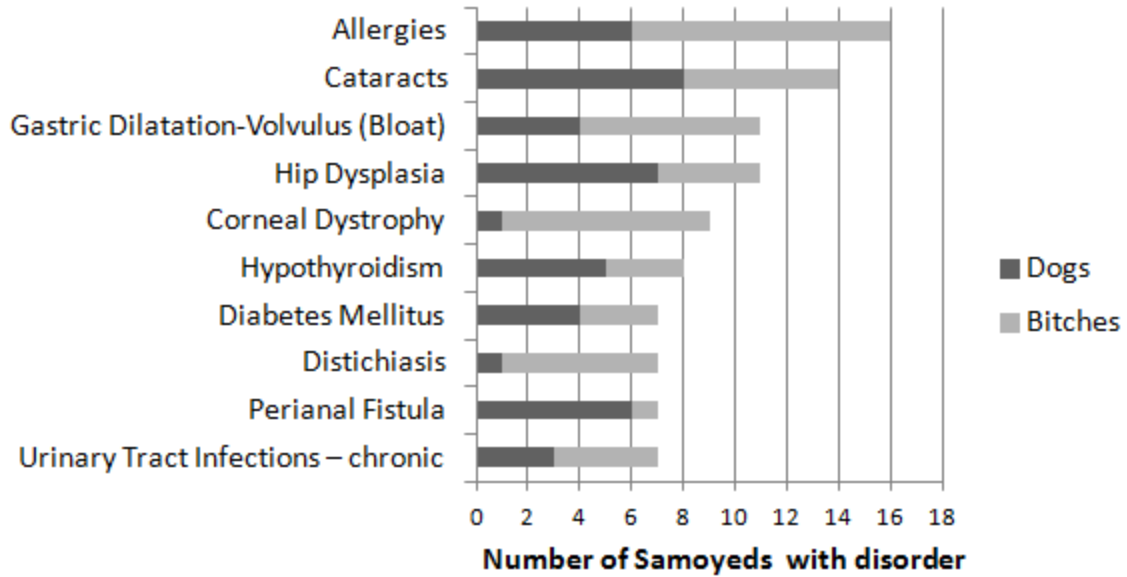
This table shows the most commonly reported disorders in the 249 Samoyed bitches in the SCARF Database.

Top Disorders in Samoyed Dogs

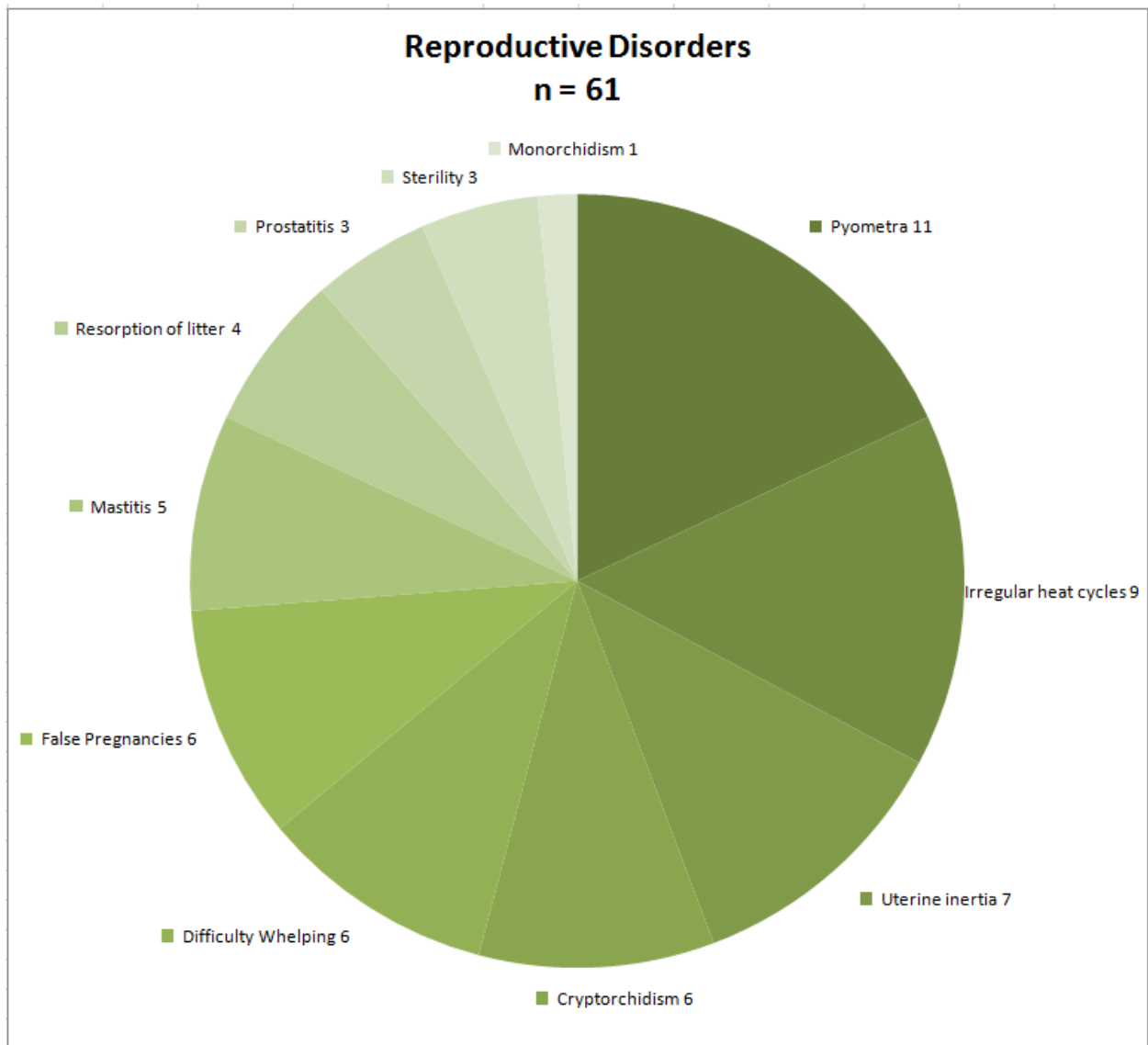


This table shows the most commonly reported disorders in the 186 Samoyed dogs in the SCARF Database.

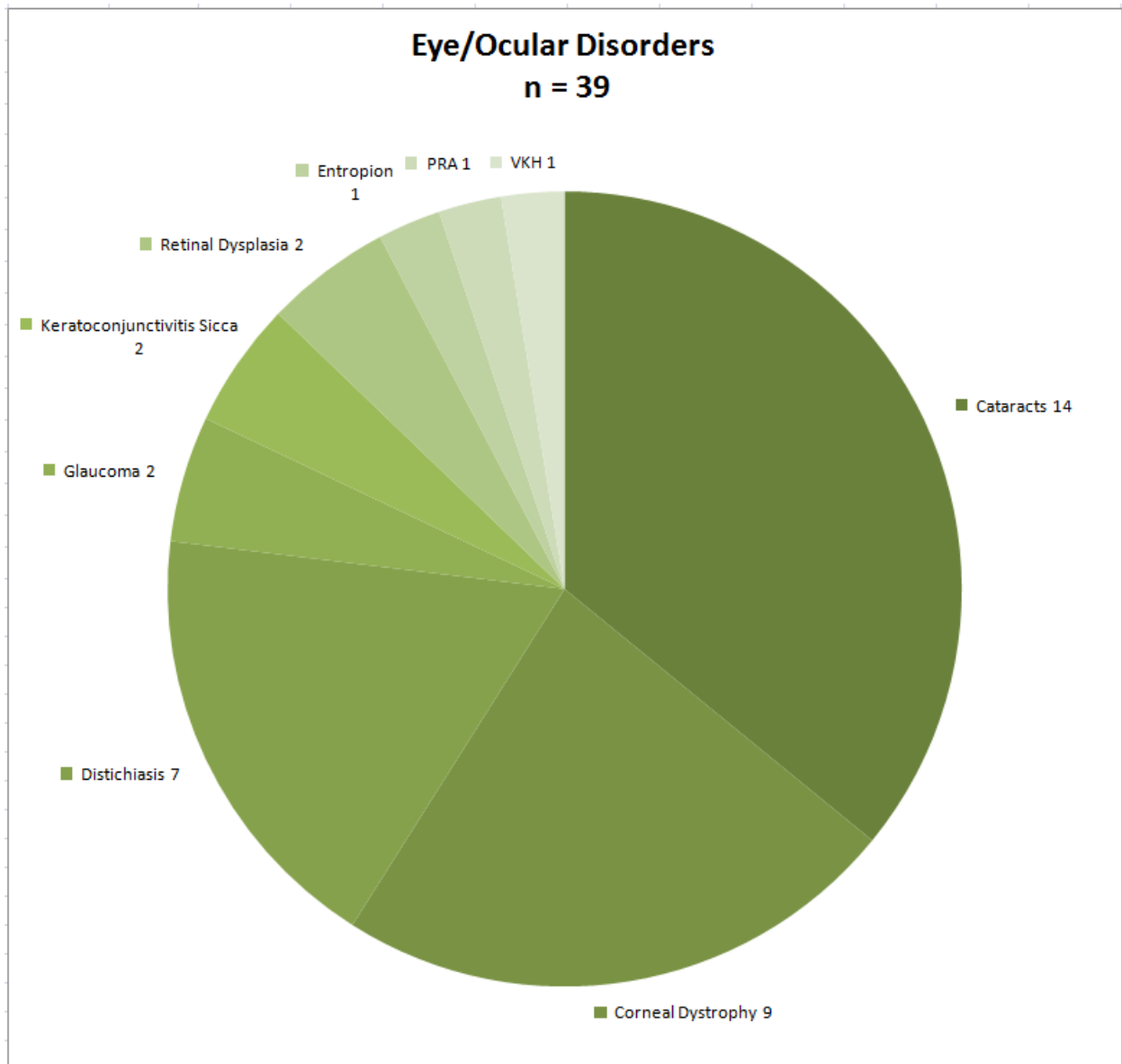
Top 10 Samoyed Disorders Not Involving Reproduction/Reproductive Organs



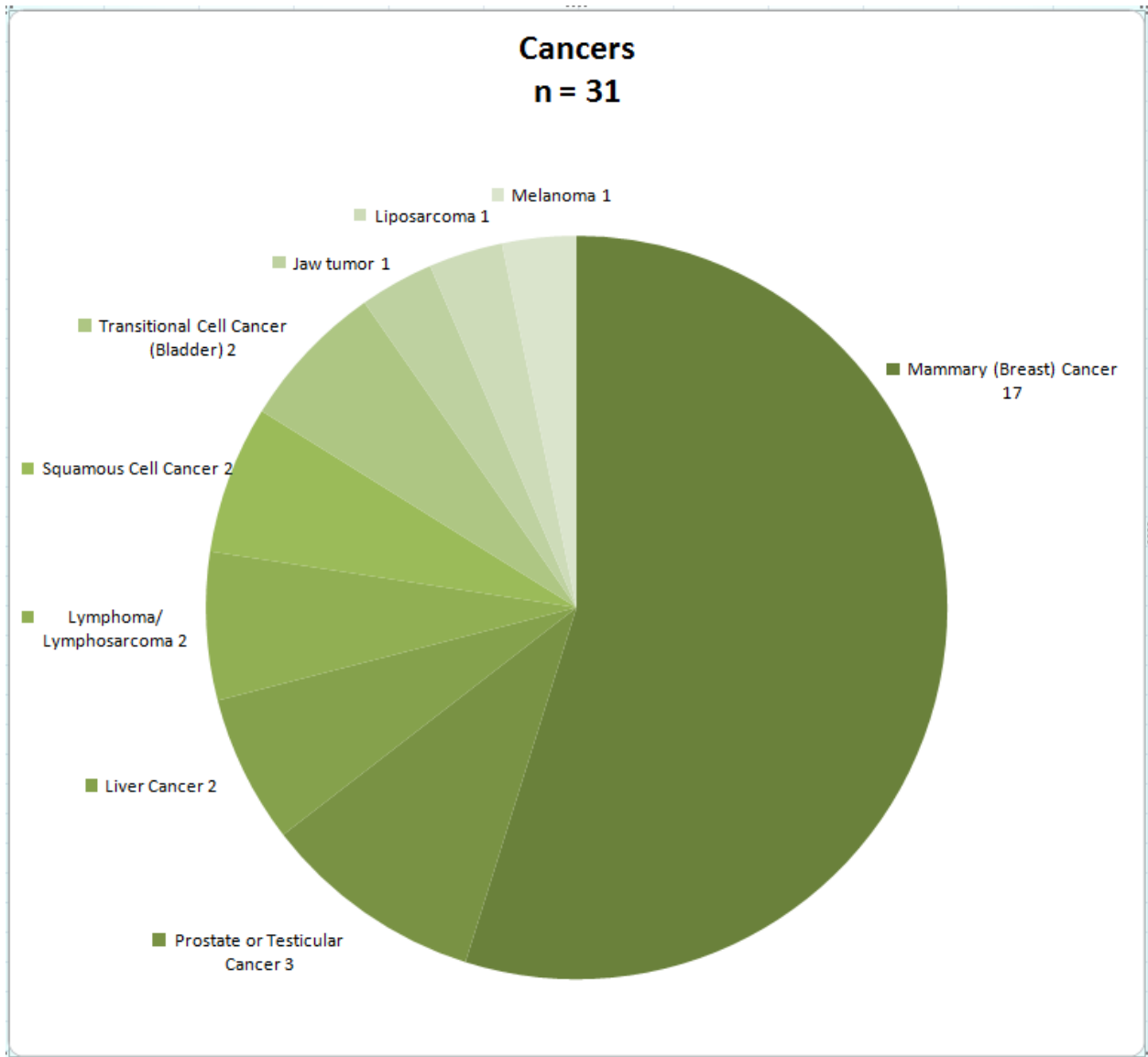
This table shows the results from 435 Samoyeds *omitting* disorders related to reproduction and the reproductive organs



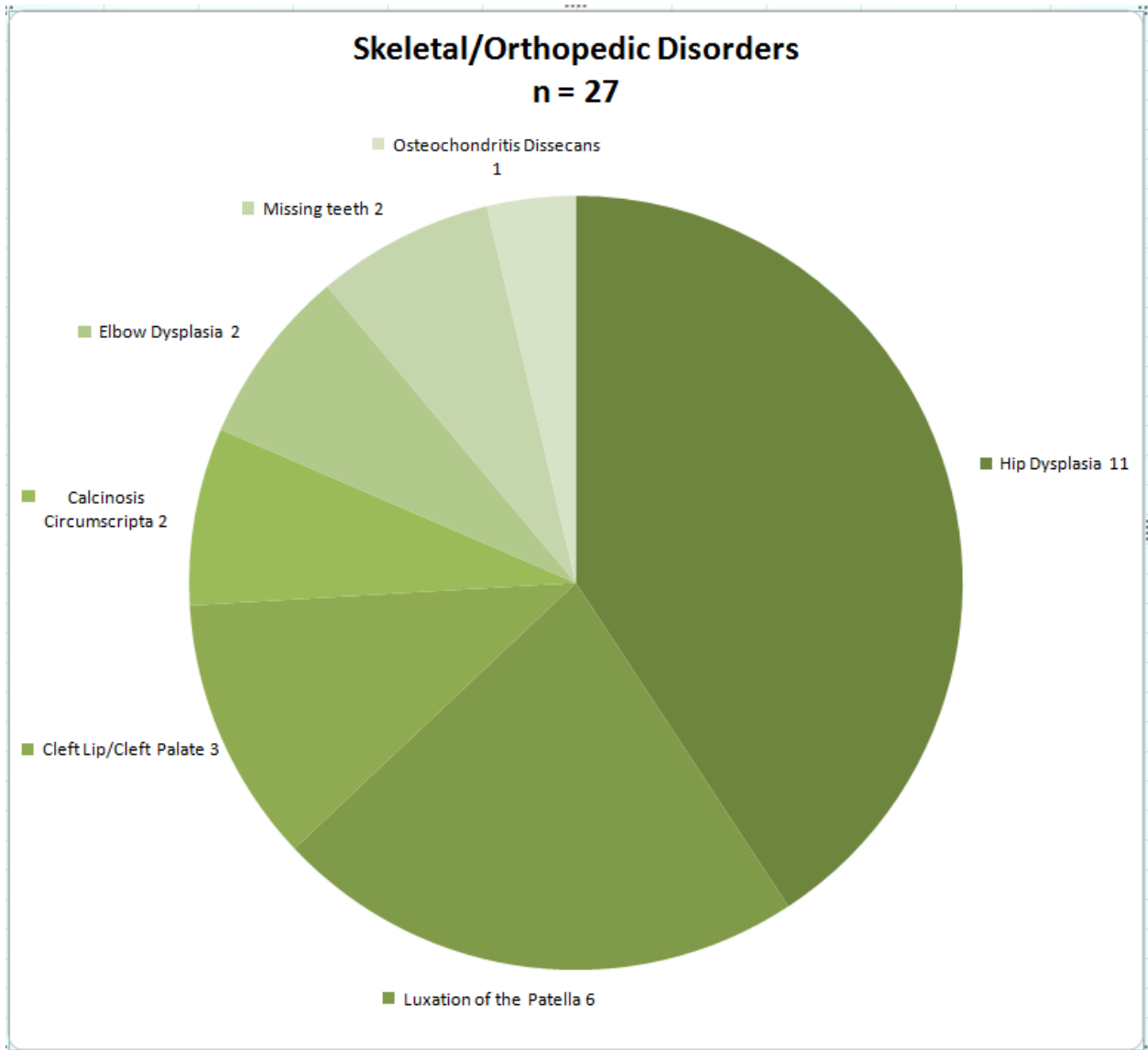
Sixty-one (61) cases of reproductive disorder were reported for the 435 Samoyeds in the SCARF database. This chart shows the number of reports of each reproductive disorder.



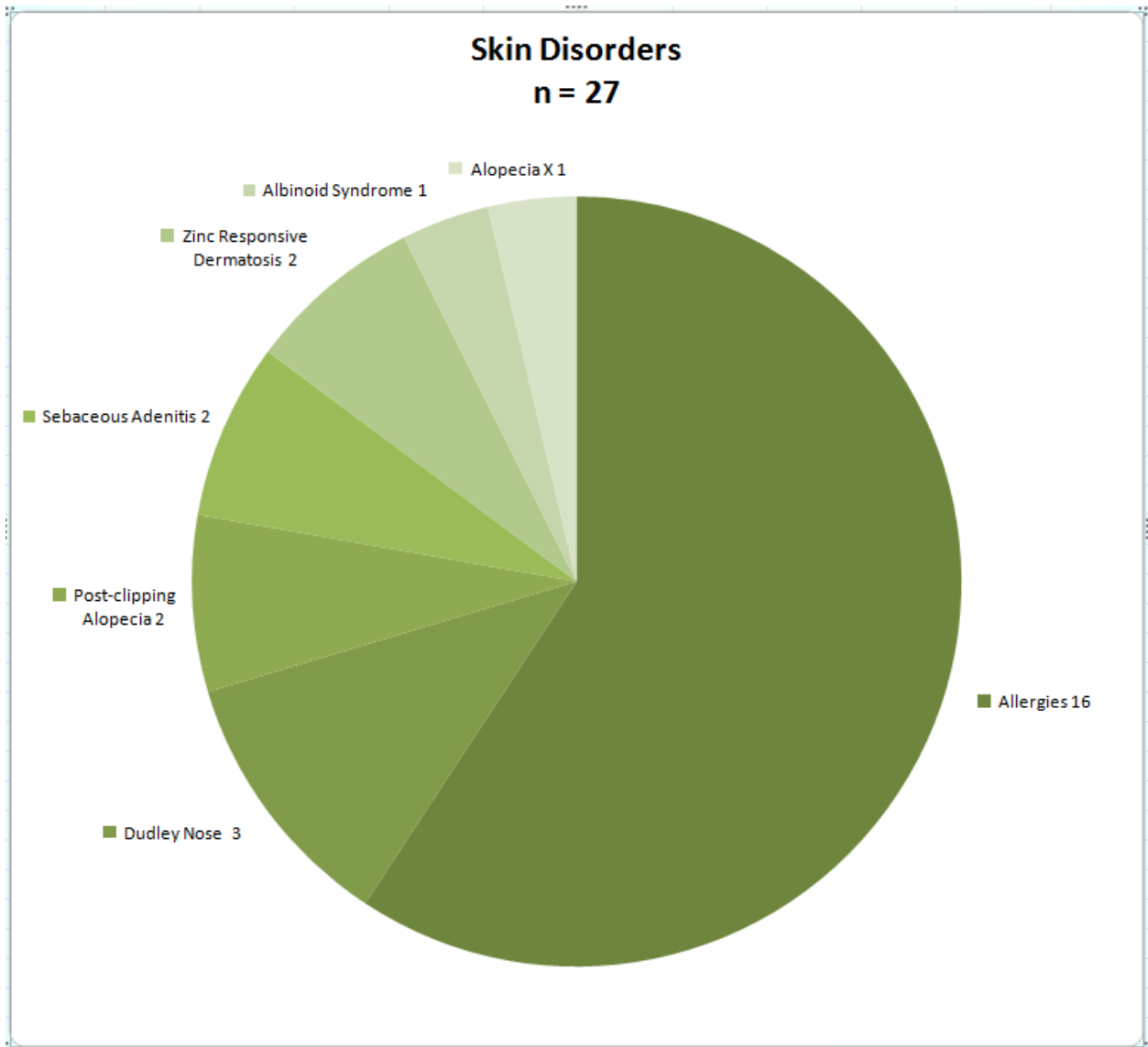
Thirty-nine (39) cases of ocular (eye) disorder were reported for the 435 Samoyeds in the SCARF database. This chart shows the number of reports of each ocular disorder. Cataracts were the most frequently reported, followed by Corneal Dystrophy.



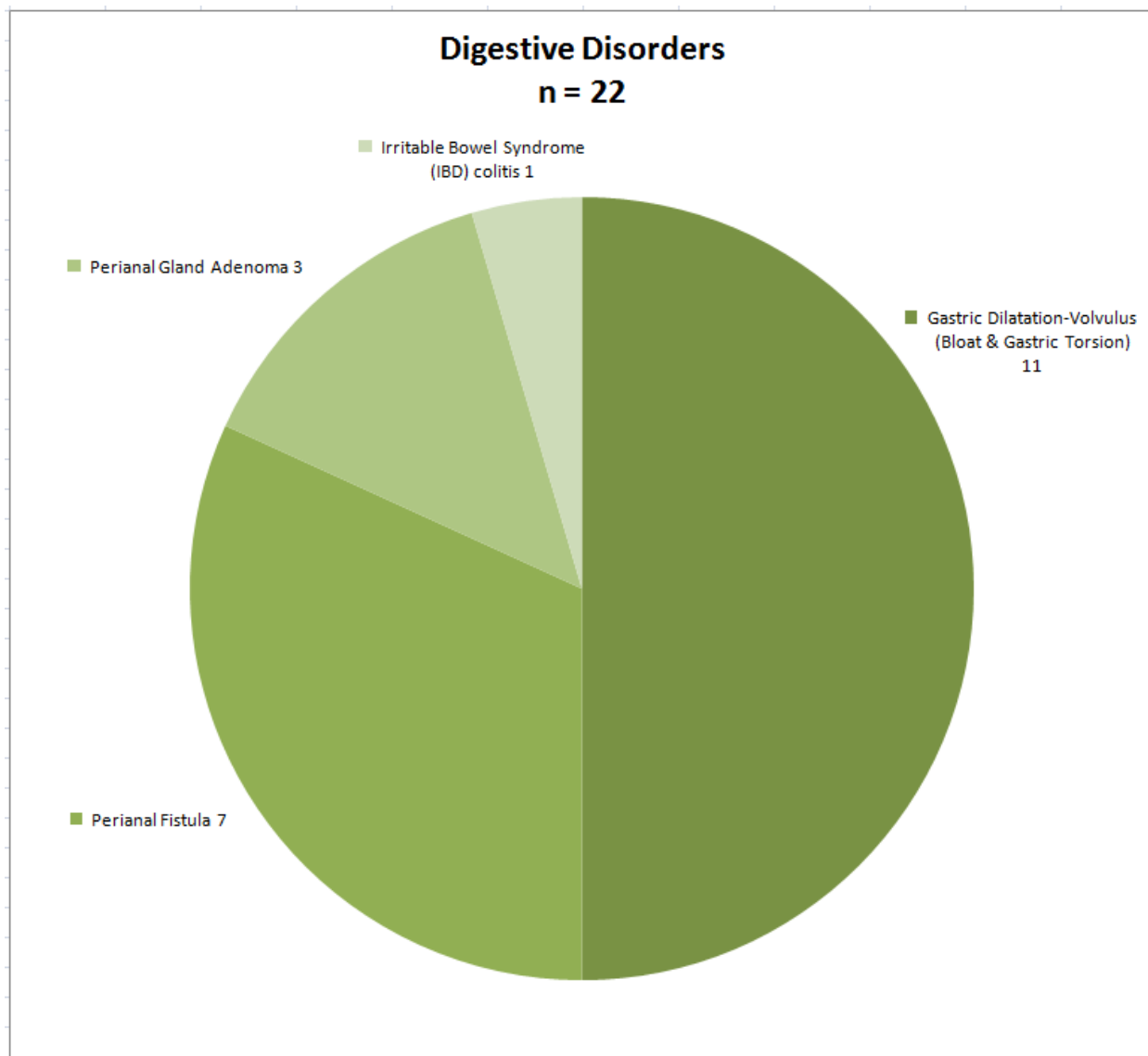
Thirty-one (31) cases of cancer were reported for the 435 Samoyeds in the SCARF database. This chart shows the number of reports of each type of cancer. Mammary (breast) cancer was the most frequently reported cancer, and the most frequently reported disorder for bitches.



Twenty-seven (27) cases of orthopedic (skeletal) disorder were reported for the 435 Samoyeds in the SCARF database. This chart shows the number of reports of each orthopedic disorder. Hip Dysplasia was the most frequently reported orthopedic disorder, followed by Luxation of the Patella.



Twenty-seven (27) cases of skin disorder were reported for the 435 Samoyeds in the SCARF database. This chart shows the number of reports of each skin disorder. Allergies were the most frequently reported skin disorder.



Twenty-two (22) cases of digestive disorder were reported for the 435 Samoyeds in the SCARF database. This chart shows the number of reports of each digestive disorder. Gastric Dilatation-Volvulus (Bloat & Gastric Torsion) was the most frequently reported disorder of the digestive system.