



**THE KENNEL CLUB
DOG HEALTH**

Samoyed

Pedigree Breed Health Survey

Forms were received representing 100 living dogs & 22 deceased dogs.

Mortality results

A total of 22 deaths were reported, representing 0.39% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Samoyed was 3 years to 16 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N = 22 deceased dogs).

Cause of death
Mammary tumour
Cancer - unspecified
Gastric tumour
Liver Failure
Old Age
Splenic tumour
Cardiac heart Failure
Diabetes
Old Age combinations
Seizure
Senile dementia/ cognitive dysfunction
Surgical complications
Unknown

Morbidity results

The 100 live Samoyeds represented 0.24% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 100 Samoyeds which the survey covers, 68 had reported no conditions and 32 reported affected by at least one condition (min = 1 condition(s), max = 3 conditions), giving a total of 54 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Samoyeds are shown in Table 3. There were 79 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 3 years (min = 0 years, max= 13 years, Figure 3). The ages for the most common conditions is displayed in Figure 4. Table 5 shows the frequency of occurrence of all reported disease conditions for the Samoyed.

Table 2: The summary statistics for the dogs' current age when survey was completed

Number of Dogs	Mean age (years)	Median age (years)	Min age (years)	Max age (years)
100	4.98	4	0	17

Table 3: Gender, neuter status and age summary statistics for dogs where gender and neuter status was reported

Sex	Neuter status	Age known	Count	Mean age neutered (years)	Median age neutered (years)	Min age neutered (years)	Max age neutered (years)
Female	Neutered	Yes	20	3.40	3	0	10
Female	Neutered	No	1	NA	NA	NA	NA
Female	Not neutered	No	28	NA	NA	NA	NA
Male	Neutered	Yes	14	0.86	0.5	0	2
Male	Not neutered	No	37	NA	NA	NA	NA

Table 4: The body condition comment and the age of the dog when this comment was made

Body condition	Count	Mean age (years)	Median age (years)	Min age (years)	Max age (years)
No comment was made by vet	6	2.50	1.5	0	6
Normal	65	3.31	2	0	12
Somewhat overweight	7	5.71	7	2	10
Somewhat underweight	1	0.00	0	0	0

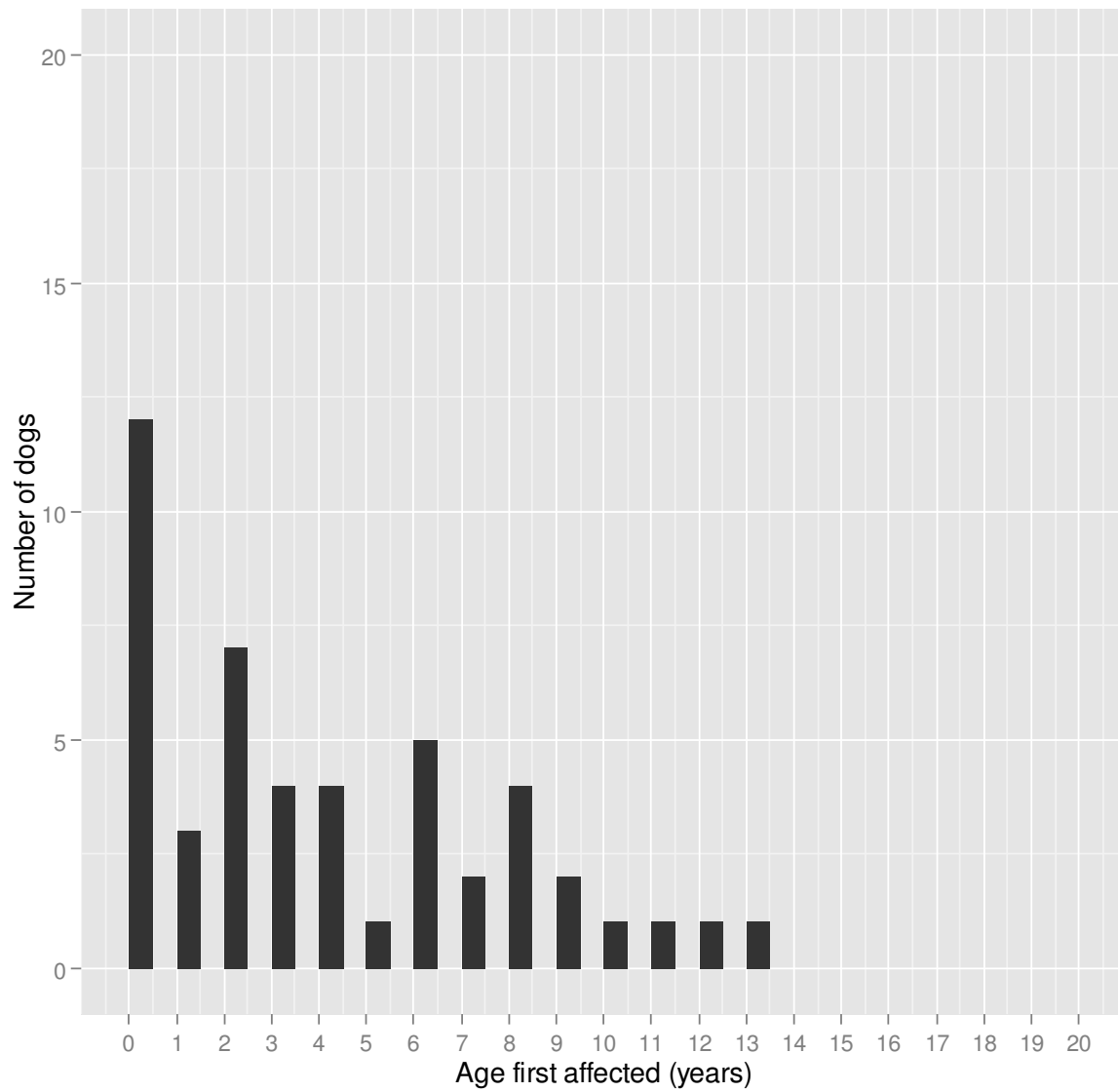


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

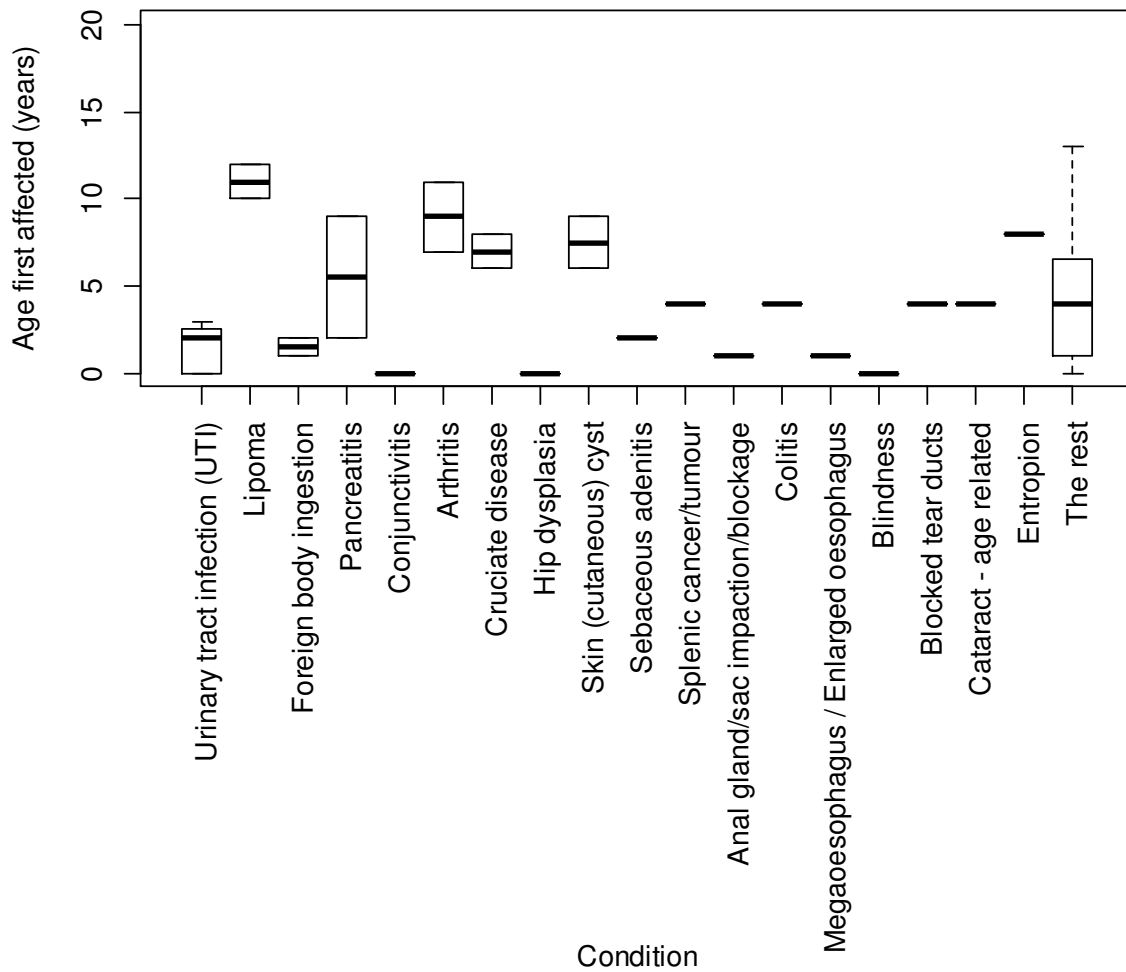


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 100 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Urinary tract infection (UTI)	7	12.96	7
Lipoma	3	5.56	3
Arthritis	2	3.7	2
Conjunctivitis	2	3.7	2
Cruciate disease	2	3.7	2
Foreign body ingestion	2	3.7	2
Hip dysplasia	2	3.7	2
Pancreatitis	2	3.7	2
Skin (cutaneous) cyst	2	3.7	2
Skin lump	2	3.7	2
Unspecified tumour/cancer	2	3.7	2
Acute moist dermatitis	1	1.85	1
Anal gland/sac impaction/blockage	1	1.85	1
Aortic valve stenosis	1	1.85	1
Blindness	1	1.85	1
Blocked tear ducts	1	1.85	1
Cataract - age related	1	1.85	1
Chronic difficulty in breathing	1	1.85	1
Colitis	1	1.85	1
Cruciate ligament injury	1	1.85	1

Proportion of morbidity as %= N/54 disease conditions, prevalence %= N/100 live dogs

Summary

From the dogs surveyed, most Samoyeds were not affected by a disease condition (68.00%). The most commonly reported disease condition in live dogs was urinary tract infection (UTI). The most commonly reported cause of death was mammary tumour.