



**THE KENNEL CLUB
DOG HEALTH**

Alaskan Malamute

Pedigree Breed Health Survey

Forms were received representing 191 living dogs & 11 deceased dogs.

Mortality results

A total of 11 deaths were reported, representing 0.20% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for Alaskan Malamute was 1 year to 12 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N = 11 deceased dogs).

Cause of death
Unknown
Aggression
Bone tumour
Brain tumour
Epilepsy
Liver Failure
Meningitis
Old Age
Peritonitis
Prostate tumour

Morbidity results

The 191 live Alaskan Malamutes represented 0.44% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 191 Alaskan Malamute which the survey covers, 140 had reported no conditions and 51 reported affected by at least one condition(min = 1 condition(s), max = 5 conditions), giving a total of 98 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Alaskan Malamute's are shown in Table 3. There were 147 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= 12 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 Alaskan Malamute.

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)
191	4.51	4	0	14

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	42	2.36	2	0	10
Female	Not neutered	No	35	NA	NA	NA	NA
Female	Unknown	No	7	NA	NA	NA	NA
Male	Neutered	Yes	51	1.37	1	0	7
Male	Not neutered	No	52	NA	NA	NA	NA
Male	Unknown	No	4	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	4.00	3	2	8
Normal	124	3.74	4	0	12
Somewhat overweight	12	5.50	5	2	10
Somewhat underweight	1	4.00	4	4	4
very overweight	3	4.33	5	2	6

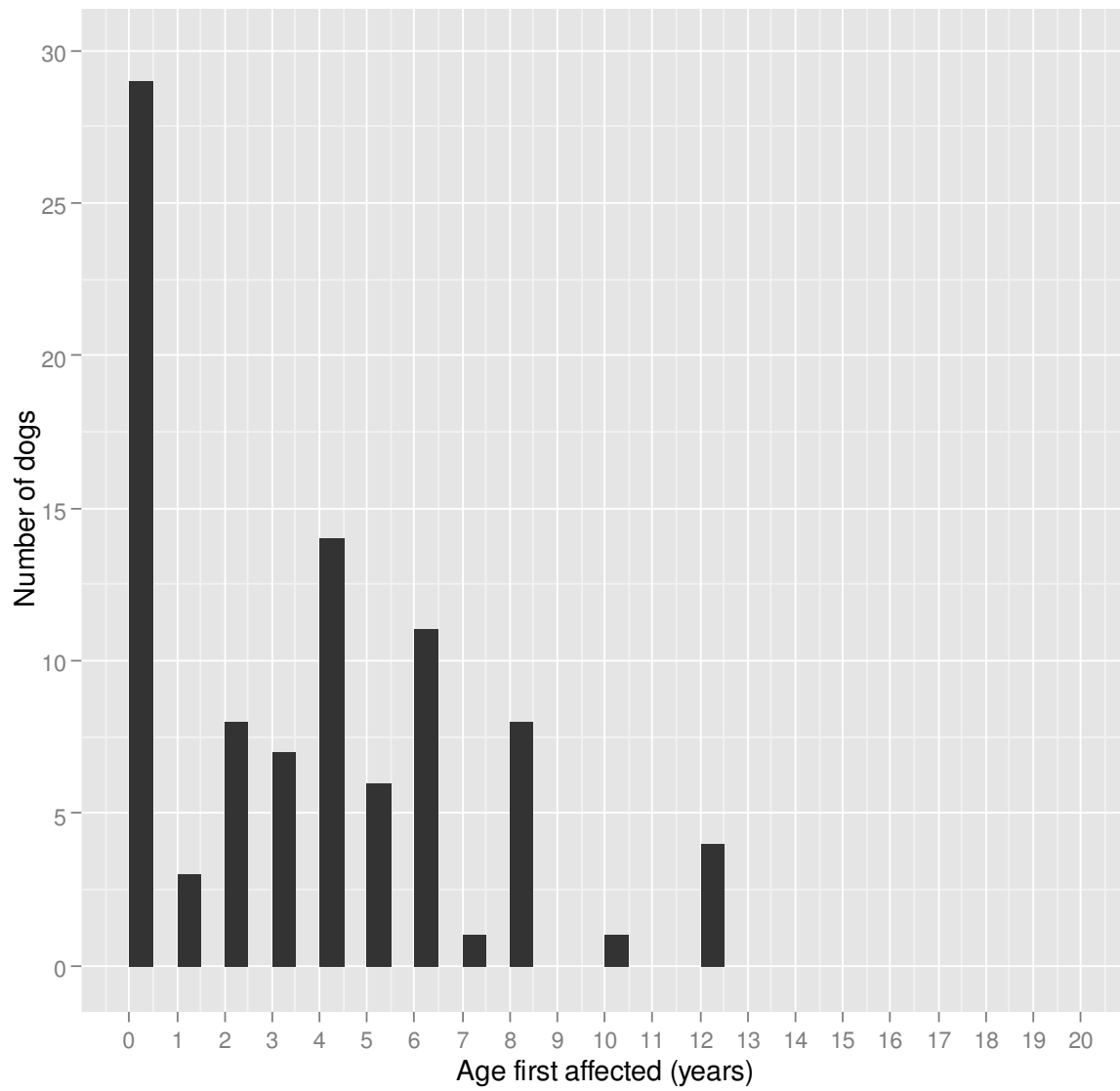


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

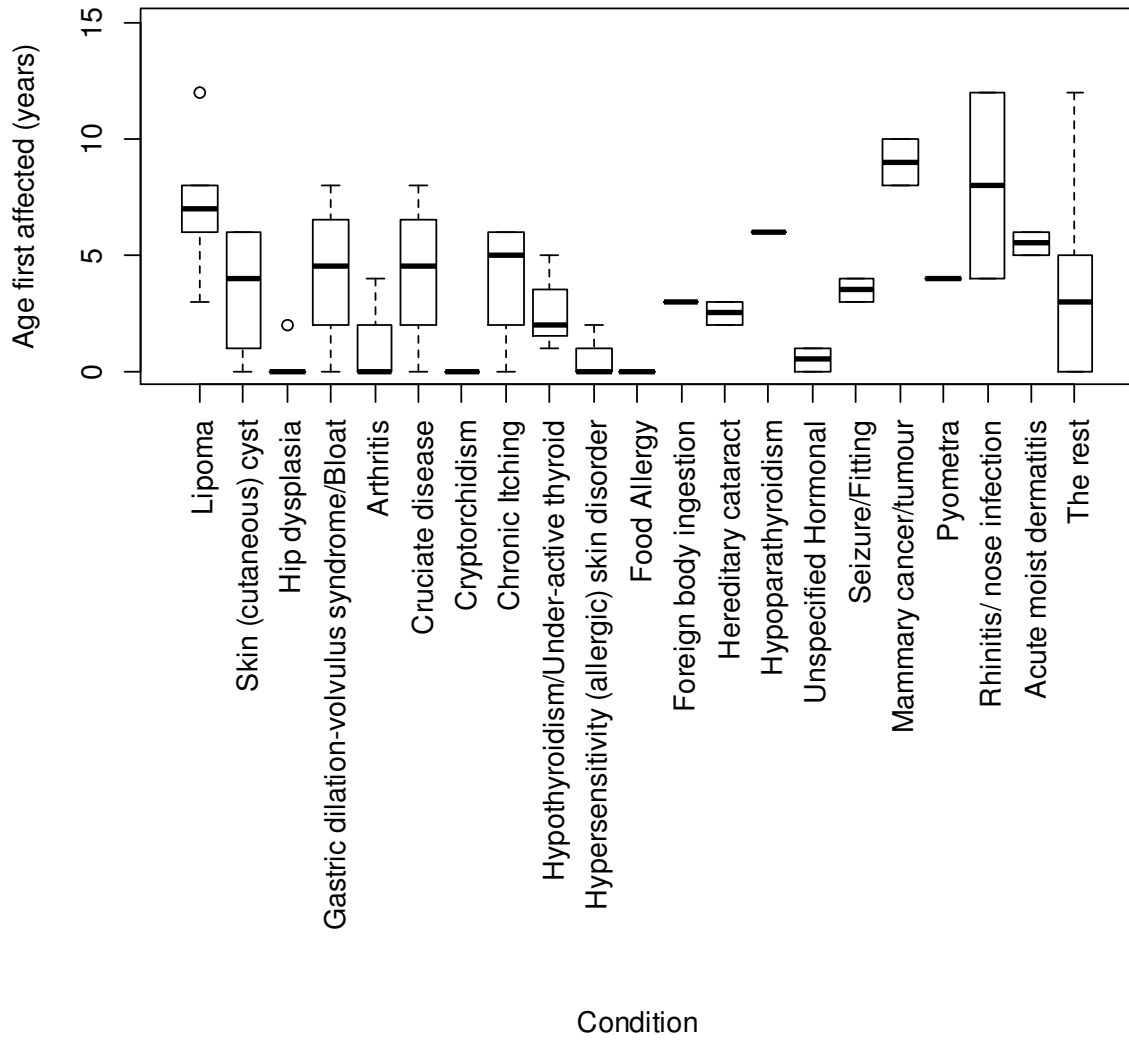


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 191 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Lipoma	8	8.16	4.19
Skin (cutaneous) cyst	6	6.12	3.14
Hip dysplasia	5	5.10	2.62
Arthritis	4	4.08	2.09
Chronic Itching	4	4.08	2.09
Cruciate disease	4	4.08	2.09
Cryptorchidism	4	4.08	2.09
Gastric dilation-volvulus syndrome (GDV) / Bloat	4	4.08	2.09
Hypersensitivity (allergic) skin disorder	3	3.06	1.57
Hypothyroidism/Under-active thyroid	3	3.06	1.57
Acute moist dermatitis	2	2.04	1.05
Food Allergy	2	2.04	1.05
Foreign body ingestion	2	2.04	1.05
Hereditary cataract	2	2.04	1.05
Hypoparathyroidism	2	2.04	1.05
Mammary cancer/tumour	2	2.04	1.05
Pyometra	2	2.04	1.05
Rhinitis/ nose infection	2	2.04	1.05
Seizure/Fitting	2	2.04	1.05
Unspecified Hormonal	2	2.04	1.05

Proportion of morbidity as %= N/98 disease conditions, prevalence %= N/191 live dogs

Summary

From the dogs surveyed, most Alaskan Malamutes were not affected by a disease condition (73.30%). The most commonly reported disease condition in live dogs was lipoma. The most commonly reported cause of death was unknown conditions.