



Lhasa Apso

Pedigree Breed Health Survey

Forms were received representing 470 living dogs & 19 deceased dogs.

Mortality results

A total of 19 deaths were reported, representing 0.34% of all deaths reported in the Pedigree Breed Health survey. The median age for the Lhasa Apso was 1 year to 18 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N = 19 deceased dogs).

Cause of death
Unknown
Old Age
Old Age combinations
Cancer - unspecified
Cushing's Disease
Hepatic liver tumour
Hepatopathy liver disorder
Kidney disease
Kidney Failure
Mast cell tumour
Multiple organ failure
Pancreatitis
Skin tumour

Morbidity results

The 470 live Lhasa Apsos represented 1.09% of total dogs in the survey. The median age of live dogs for the breed was 3 years (Table 2). Of the 470 Lhasa Apsos which the survey covers, 349 had reported no conditions and 121 reported affected by at least one condition (min = 1 condition(s), max = 6 conditions), giving a total of 204 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Lhasa Apsos are shown in Table 3. There were 398 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 1 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 Lhasa Apso.

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)
470	3.54	3	0	16

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	126	1.33	0	0	10
Female	Neutered	No	1	NA	NA	NA	NA
Female	Not neutered	No	96	NA	NA	NA	NA
Female	Unknown	No	13	NA	NA	NA	NA
Male	Neutered	Yes	134	0.78	0	0	8
Male	Neutered	No	3	NA	NA	NA	NA
Male	Not neutered	No	84	NA	NA	NA	NA
Male	Unknown	No	13	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	22	4.18	4	0	11
Normal	341	2.80	2	0	16
Somewhat overweight	29	4.48	4	0	10
Somewhat underweight	5	4.60	2	0	16
very overweight	1	3.00	3	3	3

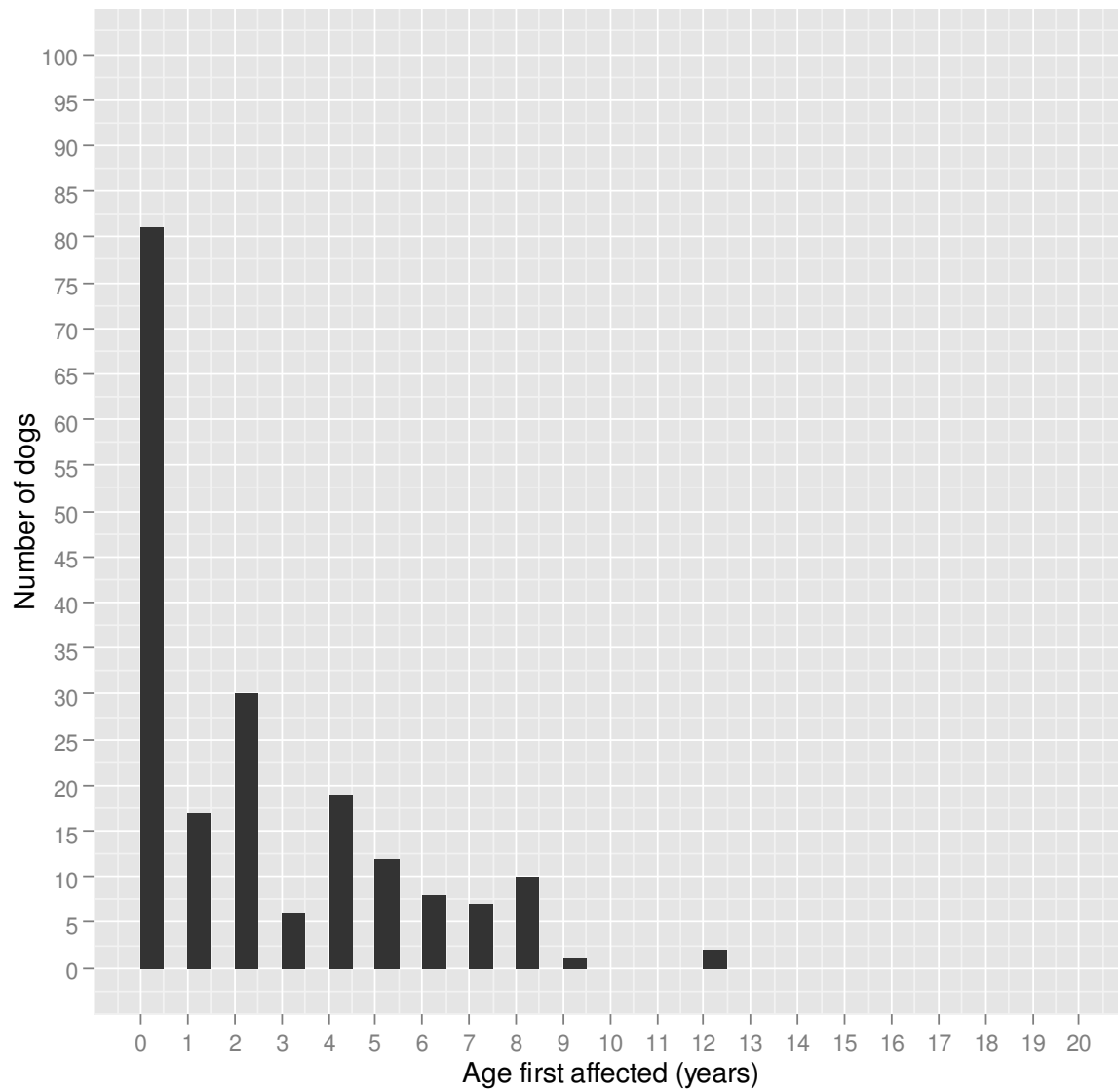


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

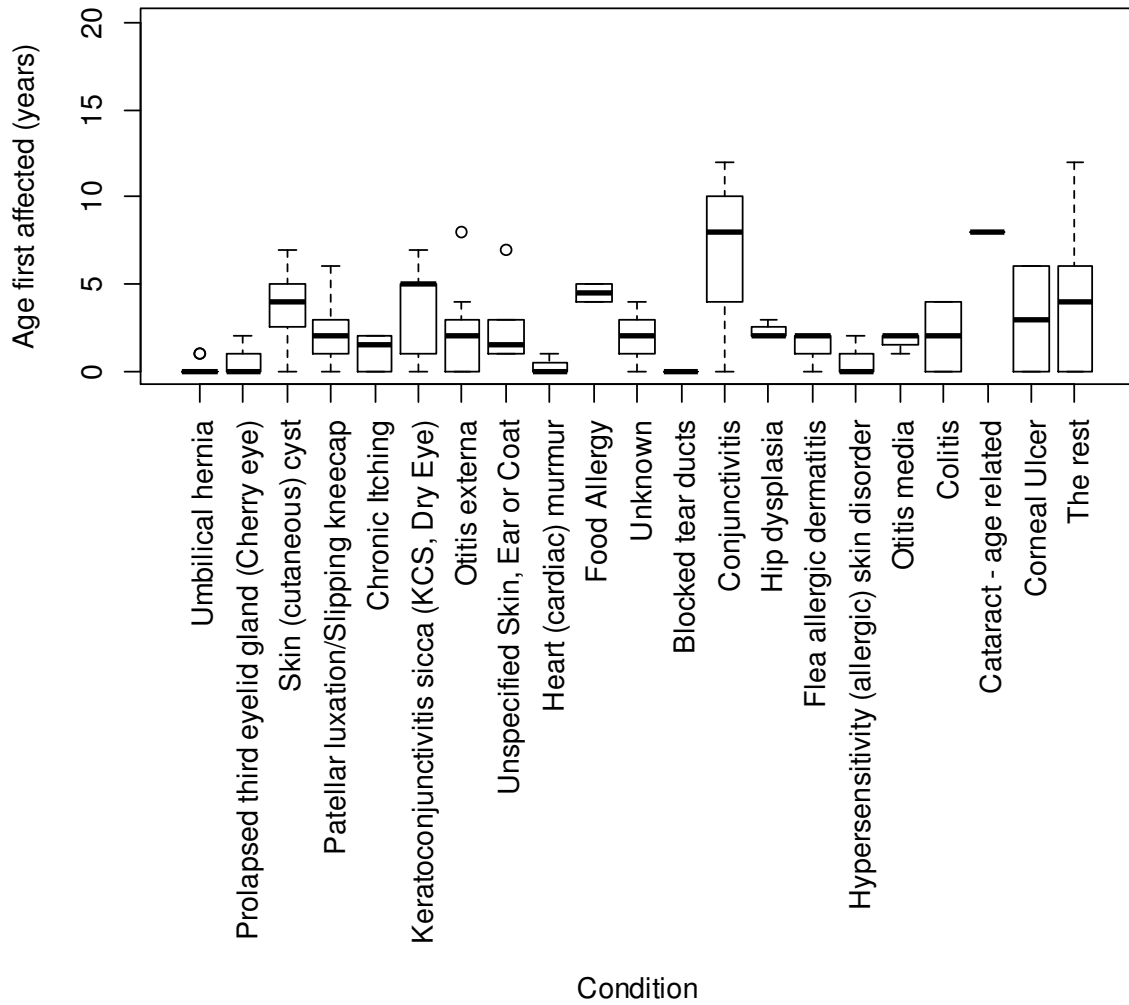


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 470 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Umbilical hernia	33	16.18	7.02
Prolapsed third eyelid gland (Cherry eye)	18	8.82	3.83
Skin (cutaneous) cyst	11	5.39	2.34
Chronic Itching	8	3.92	1.70
Patellar luxation/Slipping kneecap	8	3.92	1.70
Keratoconjunctivitis sicca (KCS, Dry Eye)	7	3.43	1.49
Otitis externa	7	3.43	1.49
Unspecified Skin, Ear or Coat	7	3.43	1.49
Heart (cardiac) murmur	4	1.96	0.85
Blocked tear ducts	3	1.47	0.64
Conjunctivitis	3	1.47	0.64
Flea allergic dermatitis	3	1.47	0.64
Food Allergy	3	1.47	0.64
Hip dysplasia	3	1.47	0.64
Hypersensitivity (allergic) skin disorder	3	1.47	0.64
Otitis media	3	1.47	0.64
Unknown	3	1.47	0.64
Arthritis	2	0.98	0.43
Blood present in urine	2	0.98	0.43
Cataract - age related	2	0.98	0.43

Proportion of morbidity as %= N/204 disease conditions, prevalence %= N/470 live dogs

Summary

From the dogs surveyed, most Lhasa Apsos were not affected by a disease condition (74.26%). The most commonly reported disease condition in live dogs was umbilical hernia. The most commonly reported cause of death was unknown.