



Welsh Corgi (Pembroke)

Pedigree Breed Health Survey

Forms were received representing 96 living dogs & 9 deceased dogs.

Mortality results

A total of 9 deaths were reported, representing 0.16% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Welsh Corgi (Pembroke) was 3 years to 14 years. Table 1 shows the causes of death for the breed. Age at death is presented for the most common causes in Figure 2.

Table 1 The most common causes of death/reasons for euthanasia (N = 9 deceased dogs).

Cause of death
Unknown
Bone tumour
Herniated vertebrae
Kidney Failure
Old Age combinations
Spinal disorder

Morbidity results

The 96 live Welsh Corgis (Pembroke) represented 0.22% of total dogs in the survey. The median age of live dogs for the breed was 3 years (Table 2). Of the 96 Welsh Corgis (Pembroke) which the survey covers, 72 had reported no conditions and 24 reported affected by at least one condition (min = 1 condition(s), max = 5 conditions), giving a total of 44 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Welsh Corgis (Pembroke) 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 1 years (min = 0 years, max= 11 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 Welsh Corgi (Pembroke).

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

Number of Dogs	Mean age (years)	Median age (years)	Min age (years)	Max age (years)
96	4.01	3	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	34	1.21	0.5	0	7
Female	Not neutered	No	17	NA	NA	NA	NA
Female	Unknown	No	1	NA	NA	NA	NA
Male	Neutered	Yes	24	0.79	0	0	9
Male	Not neutered	No	19	NA	NA	NA	NA
Male	Unknown	No	1	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	8	4.00	2.5	0	13
Normal	62	3.18	2	0	13
Somewhat overweight	8	5.75	5.5	3	9
Somewhat underweight	1	0.00	0	0	0

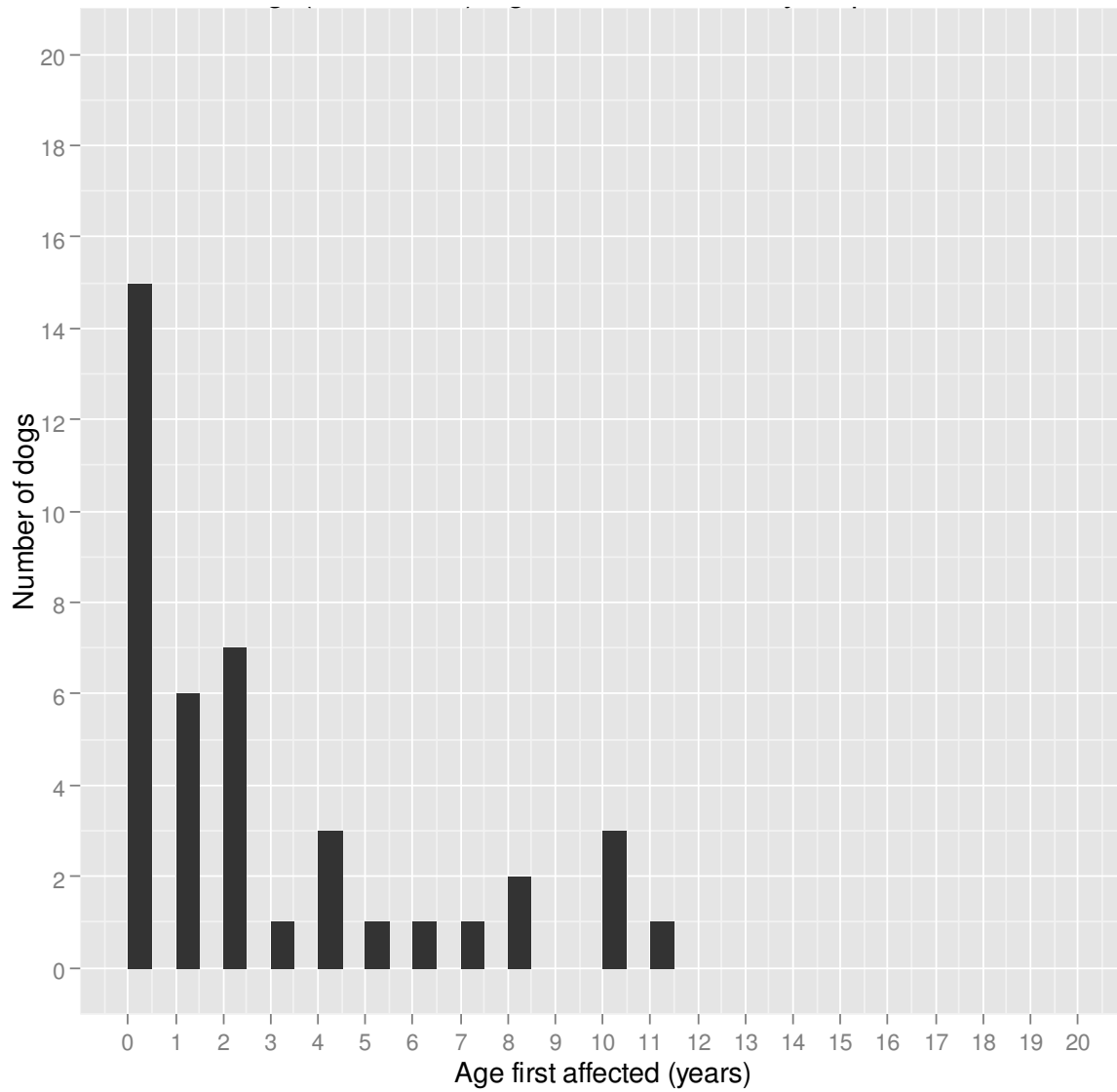


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

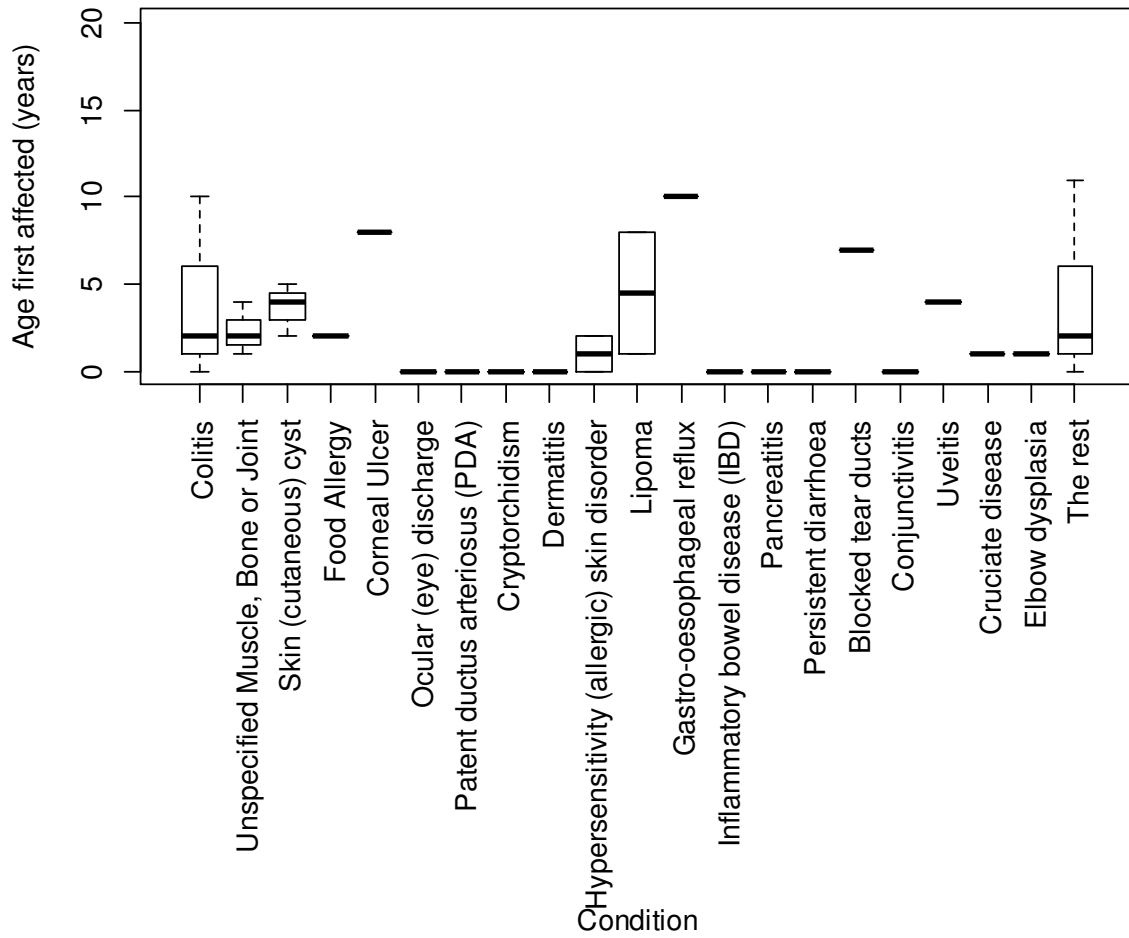


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 96 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Colitis	3	6.82	3.13
Skin (cutaneous) cyst	3	6.82	3.13
Unspecified Muscle, Bone or Joint	3	6.82	3.13
Corneal Ulcer	2	4.55	2.08
Cryptorchidism	2	4.55	2.08
Dermatitis	2	4.55	2.08
Food Allergy	2	4.55	2.08
Hypersensitivity (allergic) skin disorder	2	4.55	2.08
Lipoma	2	4.55	2.08
Ocular (eye) discharge	2	4.55	2.08
Patent ductus arteriosus (PDA)	2	4.55	2.08
Blocked tear ducts	1	2.27	1.04
Conjunctivitis	1	2.27	1.04
Cruciate disease	1	2.27	1.04
Degenerative Myelopathy	1	2.27	1.04
Elbow dysplasia	1	2.27	1.04
Gastro-oesophageal reflux	1	2.27	1.04
Hip dysplasia	1	2.27	1.04
Inflammatory bowel disease (IBD)	1	2.27	1.04
Intervertebral disc disorder	1	2.27	1.04

Proportion of morbidity as %= N/44 disease conditions, prevalence %= N/96 live dogs

Summary

From the dogs surveyed most Welsh Corgis (Pembroke) were not affected by a disease condition (75.00%). There were three disease conditions that represented an equal proportion of affected live dogs; these conditions were colitis, skin (cutaneous) cyst, and unspecified muscle, bone or joint. The most commonly reported cause of death was unknown conditions.