



Dandie Dinmont

Pedigree Breed Health Survey

Forms were received representing 94 living dogs & 17 deceased dogs.

Mortality results

A total of 17 deaths were reported, representing 0.30% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Dandie Dinmont was 4 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 = 17 deceased dogs).

Cause of death
Cardiac (heart) Failure
Cardiomyopathy
Cushing's Disease
Glaucoma
Hepatic liver tumour
Kidney Failure
Liver Shunt
Mammary tumour
Old Age
Old Age combinations
Prostatic cyst
Senile dementia/ cognitive dysfunction

Morbidity results

The 94 live Dandie Dinmonts 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 94 Dandie Dinmonts which the survey covers, 62 had reported no conditions and 32 reported affected by at least one condition (min = 1 condition(s), max = 4 conditions), giving a total of 60 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Dandie Dinmonts 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= 14 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 Dandie Dinmont.

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)
94	4.46	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	23	4.17	5	0	8
Female	Not neutered	No	27	NA	NA	NA	NA
Female	Unknown	No	4	NA	NA	NA	NA
Male	Neutered	Yes	21	2.05	1	0	9
Male	Not neutered	No	14	NA	NA	NA	NA
Male	Unknown	No	5	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	2.17	2.5	0	4
Normal	67	3.70	2	0	14
Somewhat overweight	4	5.00	5	2	8
Somewhat underweight	2	9.00	9	4	14

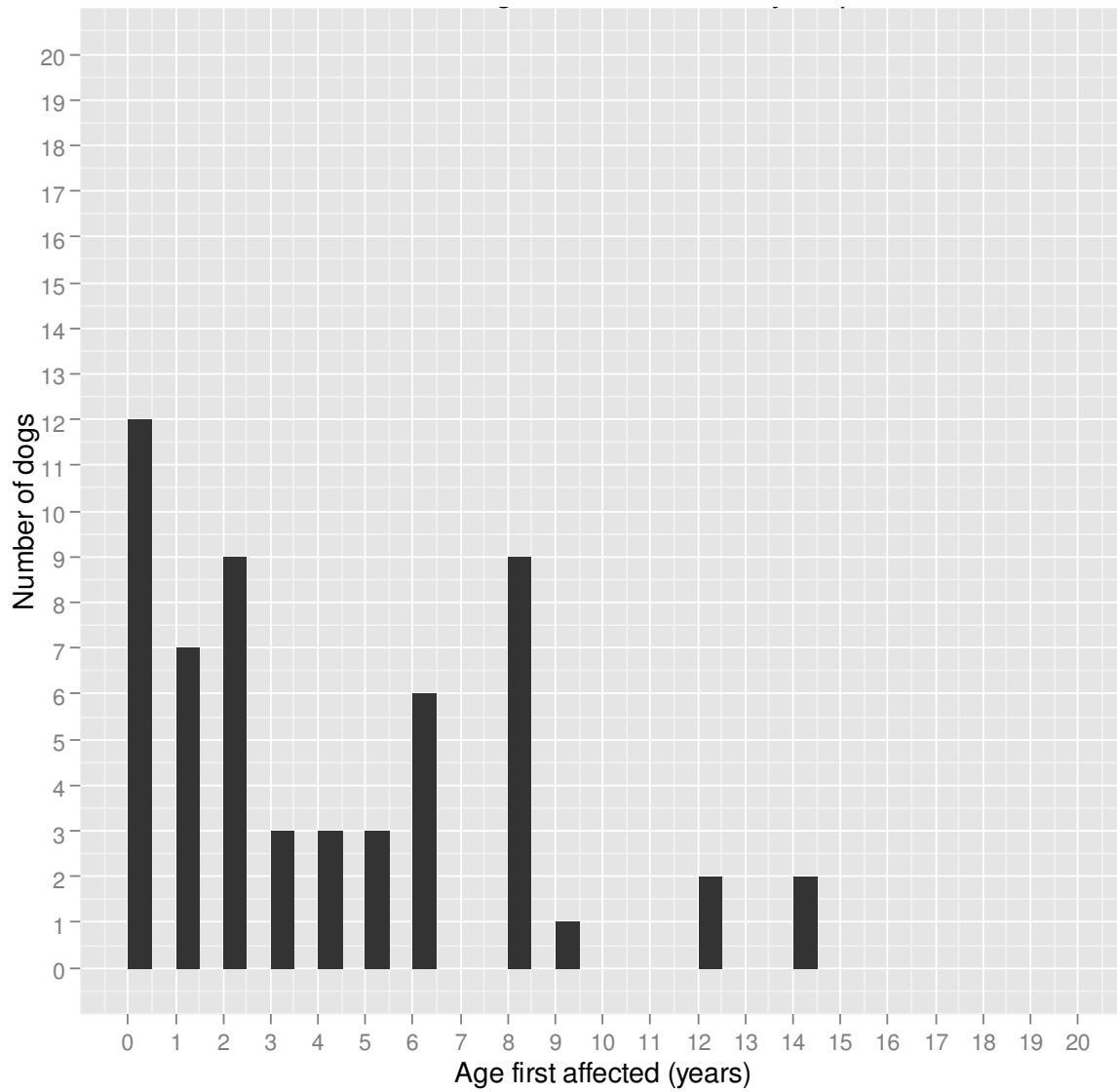


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

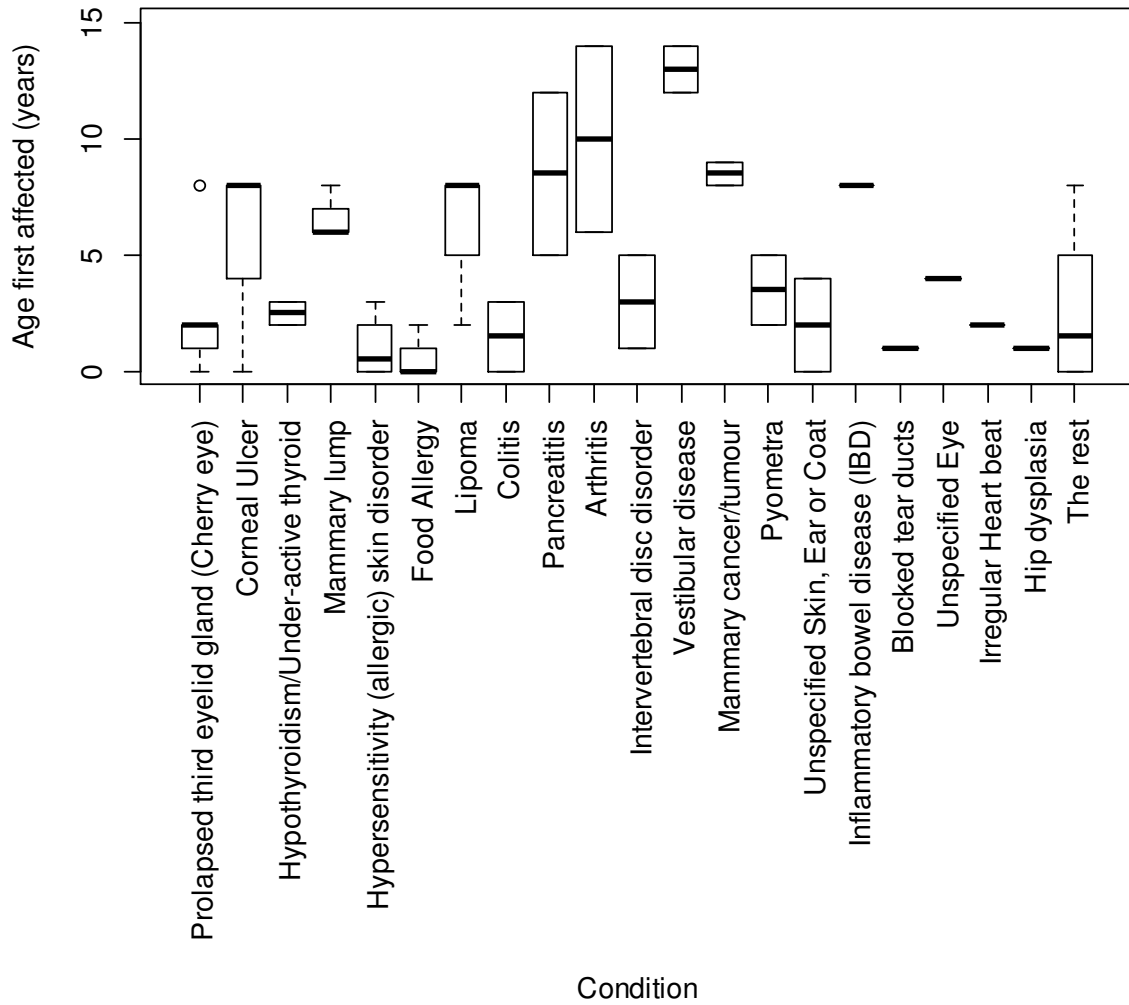


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 94 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Prolapsed third eyelid gland (Cherry eye)	5	8.33	5.21
Corneal Ulcer	4	6.67	4.17
Hypersensitivity (allergic) skin disorder	4	6.67	4.17
Hypothyroidism/Under-active thyroid	4	6.67	4.17
Mammary lump	4	6.67	4.17
Food Allergy	3	5.00	3.13
Lipoma	3	5.00	3.13
Arthritis	2	3.33	2.08
Colitis	2	3.33	2.08
Intervertebral disc disorder	2	3.33	2.08
Mammary cancer/tumour	2	3.33	2.08
Pancreatitis	2	3.33	2.08
Pyometra	2	3.33	2.08
Unspecified Skin, Ear or Coat	2	3.33	2.08
Vestibular disease	2	3.33	2.08
Blocked tear ducts	1	1.67	1.04
Chronic Itching	1	1.67	1.04
Cryptorchidism	1	1.67	1.04
Hip dysplasia	1	1.67	1.04
Inflammatory bowel disease (IBD)	1	1.67	1.04

Proportion of morbidity as %= N/60 disease conditions, prevalence %= N/94 live dogs

Summary

From the dogs surveyed, most Dandie Dinmonts were not affected by a disease condition (64.58%). The most commonly reported disease condition in live dogs was prolapsed third eyelid gland (cherry eye). The most commonly reported cause of death was cardiac (heart) failure.