



**THE KENNEL CLUB
DOG HEALTH**

Irish Wolfhound

Pedigree Breed Health Survey

Forms were received representing 74 living dogs & 32 deceased dogs.

Mortality results

A total of 32 deaths were reported, representing 0.57% of all deaths reported in the Pedigree Breed Health survey. The median age for the Irish Wolfhound was 6.5 years (Figure 1). 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 causes of death/reasons for euthanasia (N = 32 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Cardiomyopathy	5	15.63
Bone tumour	4	12.50
Cancer - unspecified	3	9.38
Cardiac heart Failure	3	9.38
Old Age combinations	3	9.38
Kidney Failure	2	6.25
Meningitis	2	6.25
Unknown	2	6.25
Arthritis	1	3.13
Gastric dilation-volvulus syndrome (GDV)/Bloat	1	3.13
Kidney disease	1	3.13
Leukemia cancer of the blood	1	3.13
Old Age	1	3.13
Renal Dysplasia	1	3.13
Road Traffic Accident	1	3.13
Surgical complications	1	3.13

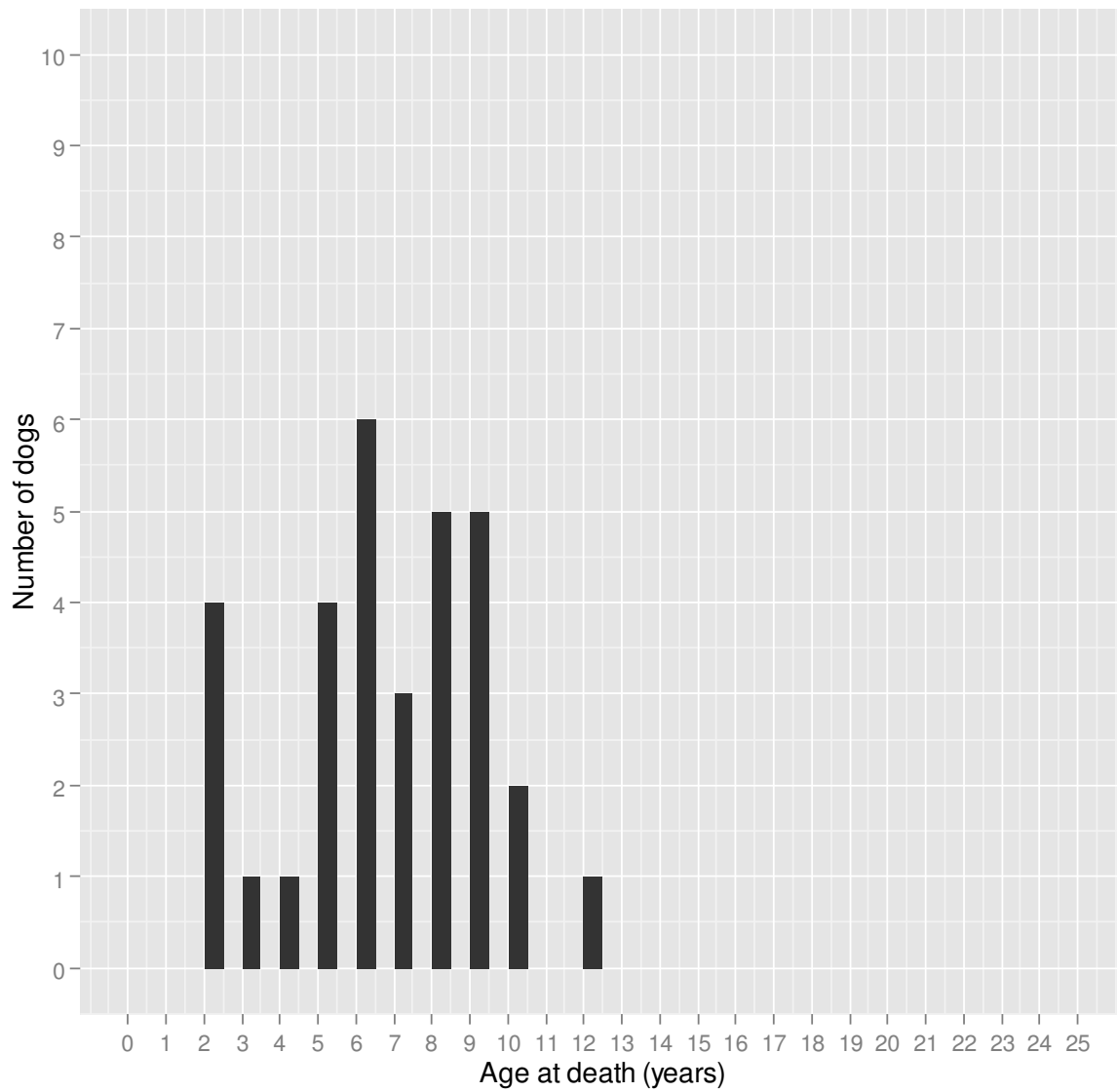


Figure 1: Histogram of the longevity for 32 reported deaths: overall median age at death was 6.5 years (minimum= 2 years, maximum= 12 years); mean age at death was 6.53 years

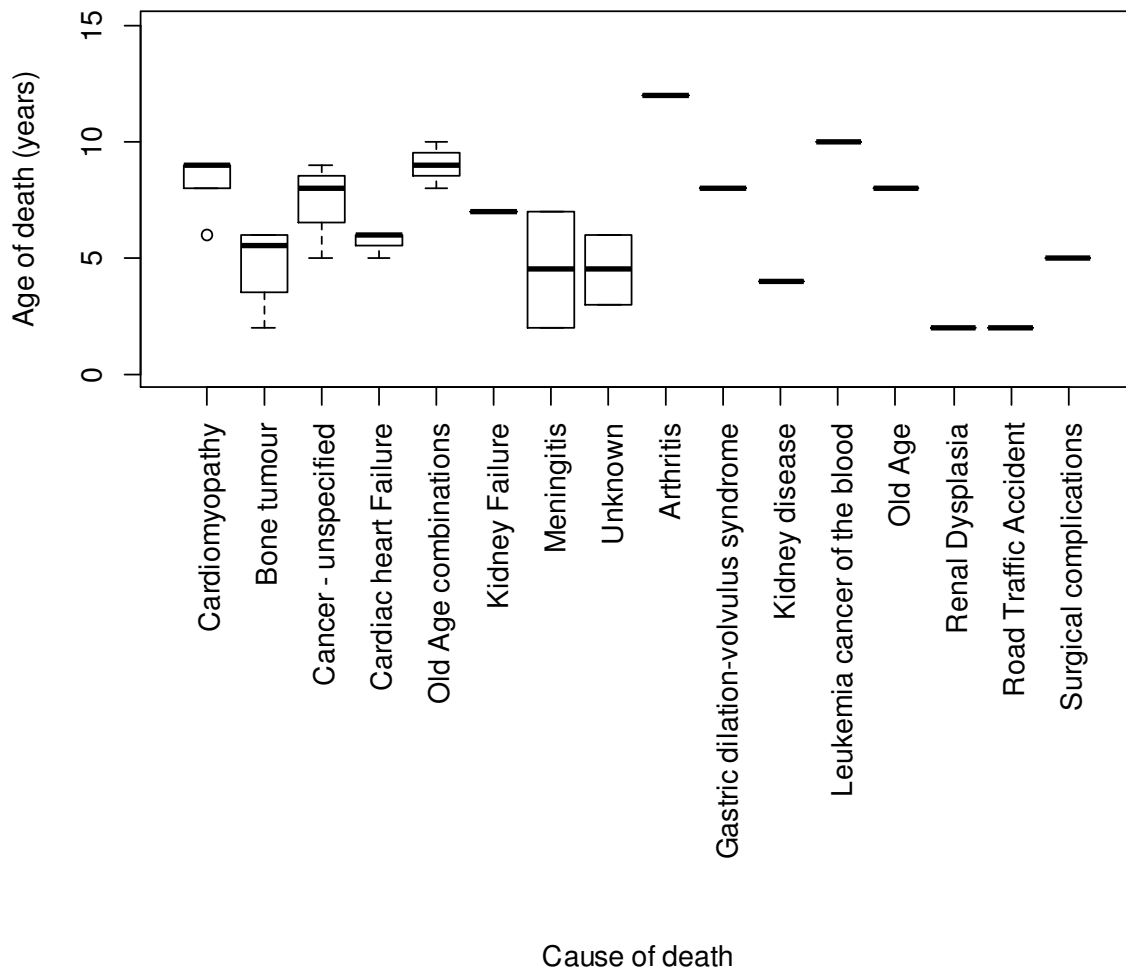


Figure 2: Box and whisker plot of age at death in years for the causes of death (N=32). The solid line within each box represents the median age of death from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Morbidity results

The 74 live Irish Wolfhounds represented 0.17% of total dogs in the survey. The median age of live dogs for the breed was 3 years (Table 2). Of the 74 Irish Wolfhounds which the survey covers, 43 had reported no conditions and 31 reported affected by at least one condition (min = 1 condition(s), max = 8 conditions), giving a total of 73 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Irish Wolfhounds are shown in Table 3. There were 55 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was ... years (min = ... years, max= ... 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 Irish Wolfhound.

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)
74	4.19	3	0	19

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	18	2.22	2	0	7
Female	Not neutered	No	18	NA	NA	NA	NA
Female	Unknown	No	2	NA	NA	NA	NA
Male	Neutered	Yes	10	2.50	2	0	8
Male	Not neutered	No	25	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 comment made (years)	Median age comment made (years)	Min age comment made (years)	Max age comment made (years)
No comment was made by vet	2	3.50	3.5	1	6
Normal	49	3.47	2	0	10
Somewhat overweight	2	4.00	4	2	6
Somewhat underweight	2	1.50	1.5	0	3

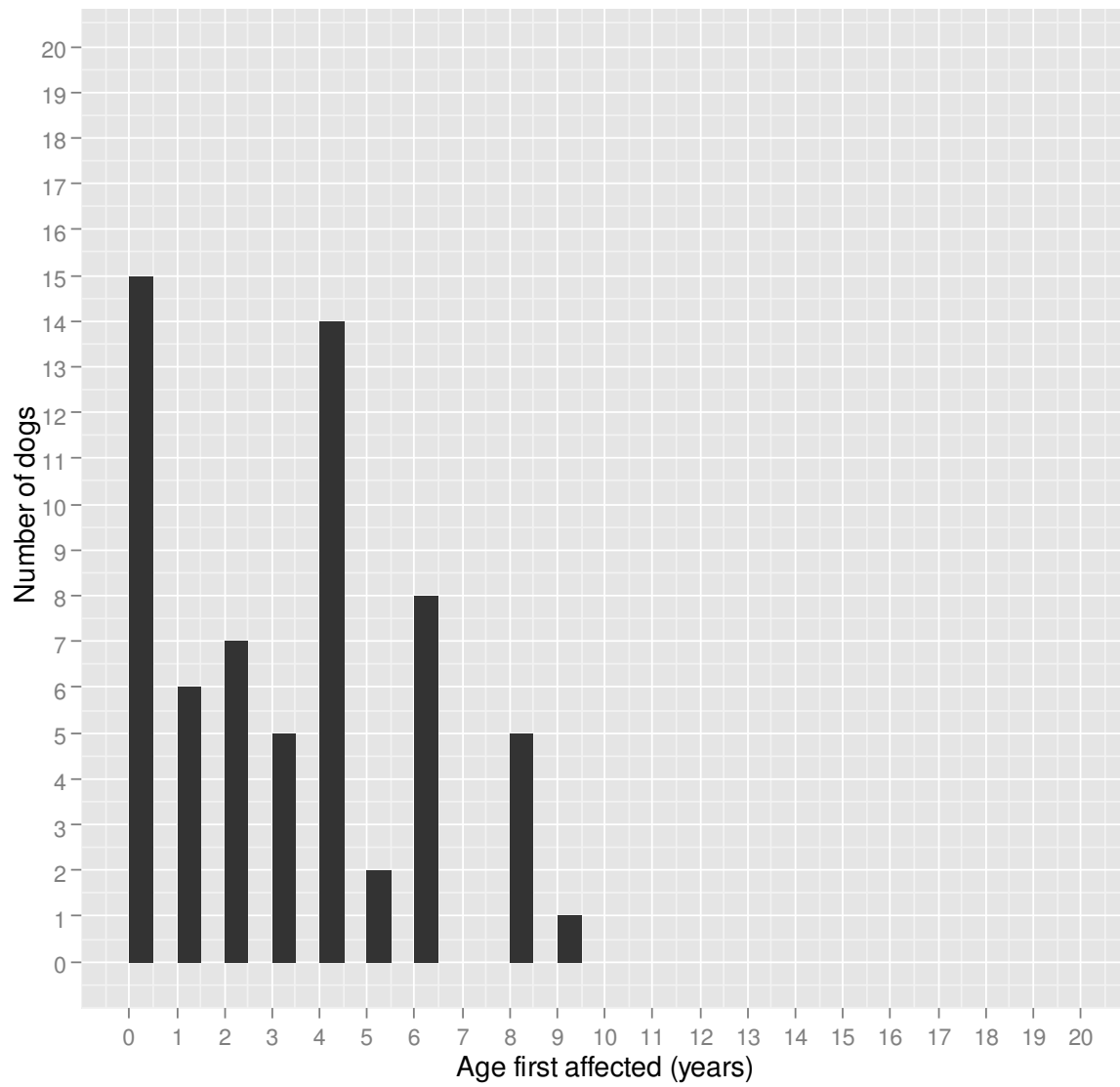


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

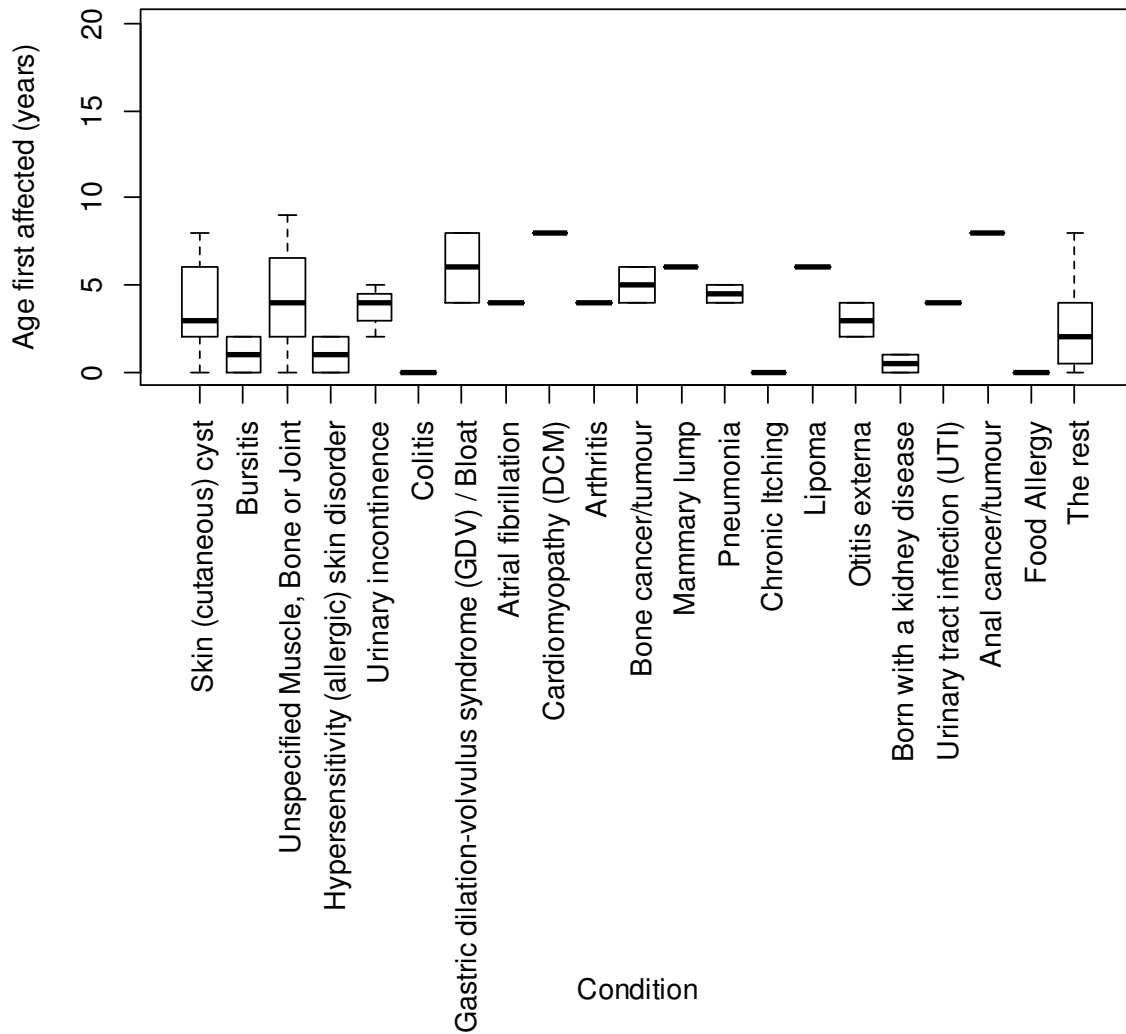


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 74 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Skin (cutaneous) cyst	5	6.85	6.76
Bursitis	3	4.11	4.05
Hypersensitivity (allergic) skin disorder	3	4.11	4.05
Unspecified Muscle, Bone or Joint	3	4.11	4.05
Urinary incontinence	3	4.11	4.05
Arthritis	2	2.74	2.70
Atrial fibrillation	2	2.74	2.70
Bone cancer/tumour	2	2.74	2.70
Born with a kidney disease	2	2.74	2.70
Cardiomyopathy (DCM)	2	2.74	2.70
Chronic Itching	2	2.74	2.70
Colitis	2	2.74	2.70
Gastric dilation-volvulus syndrome (GDV) / Bloat	2	2.74	2.70
Lipoma	2	2.74	2.70
Mammary lump	2	2.74	2.70
Otitis externa	2	2.74	2.70
Pneumonia	2	2.74	2.70
Urinary tract infection (UTI)	2	2.74	2.70
Anal cancer/tumour	1	1.37	1.35
Blood present in urine	1	1.37	1.35

Proportion of morbidity as %= N/73 disease conditions, prevalence %= N/74 live dogs

Summary

From the dogs surveyed, most Irish Wolfhounds were not affected by a disease condition (58.11%). The most commonly reported disease condition in live dogs was skin (cutaneous) cyst. The most commonly reported cause of death was cardiomyopathy.