



Irish Setter

Pedigree Breed Health Survey

Forms were received representing 382 living dogs & 101 deceased dogs.

Mortality results

A total of 101 deaths were reported, representing 1.80% of all deaths reported in the Pedigree Breed Health survey. The median longevity for the Irish Setter was 11 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 twenty most common causes of death/reasons for euthanasia (N = 101 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Old Age	17	16.83
Cardiac heart Failure	8	7.92
Cancer - unspecified	6	5.94
Gastric dilation-volvulus syndrome GDV Bloat	6	5.94
Unknown	6	5.94
Old Age combinations	5	4.95
Epilepsy	4	3.96
Liver Failure	3	2.97
Nasal tumour	3	2.97
Pyometra	3	2.97
Bone tumour	2	1.98
Brain tumour	2	1.98
Immune mediated Haemolytic anaemia	2	1.98
Intestinal tumour	2	1.98
Kidney Failure	2	1.98
Leukemia cancer of the blood	2	1.98
Lymphoma	2	1.98
Megaesophagus	2	1.98
Oral mouth tumour	2	1.98
Seizure	2	1.98

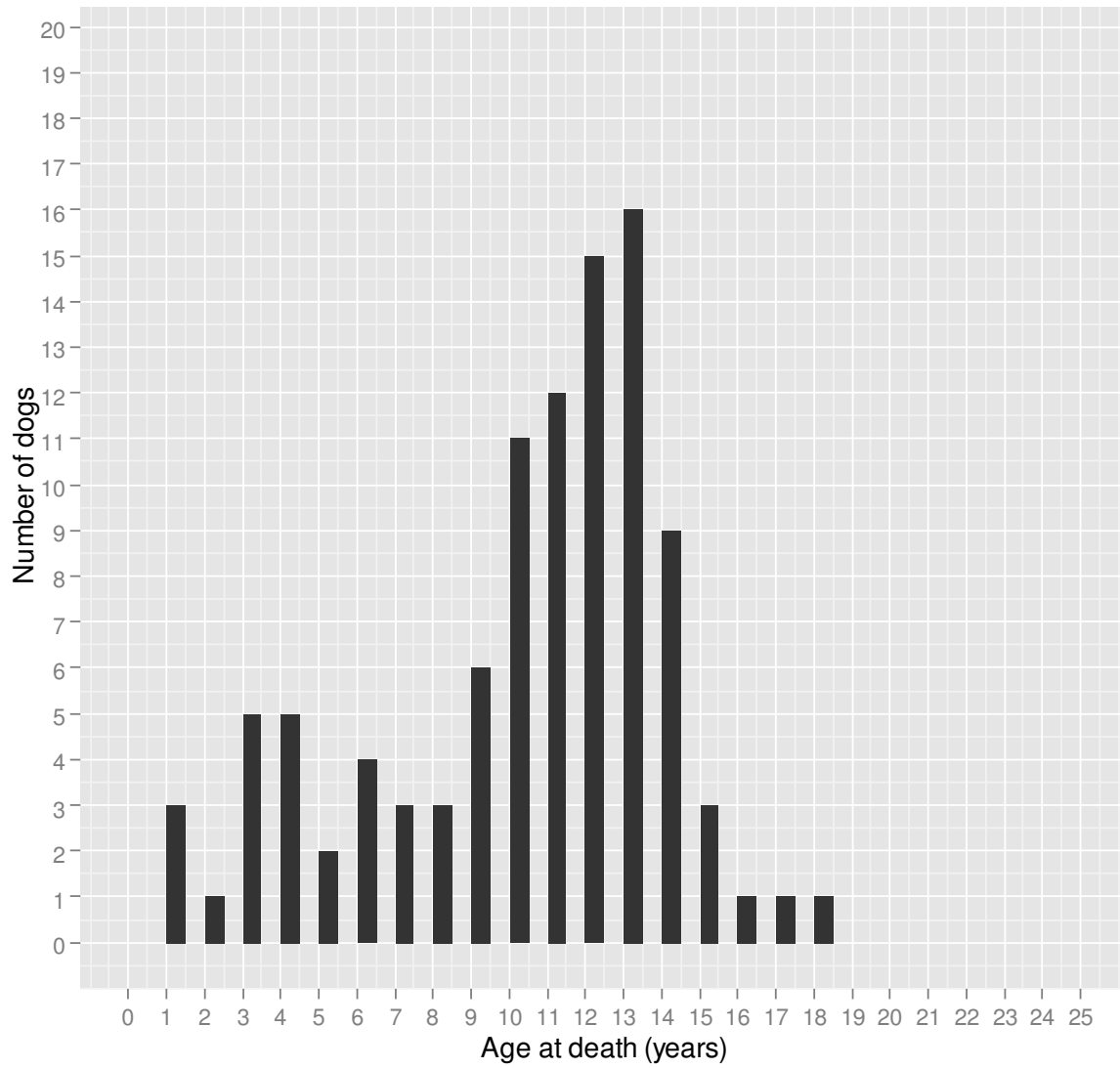


Figure 1: Histogram of the longevity for 101 reported deaths: overall median age at death was 11 years (minimum= 1 years, maximum= 18 years); mean age at death was 10.15 years

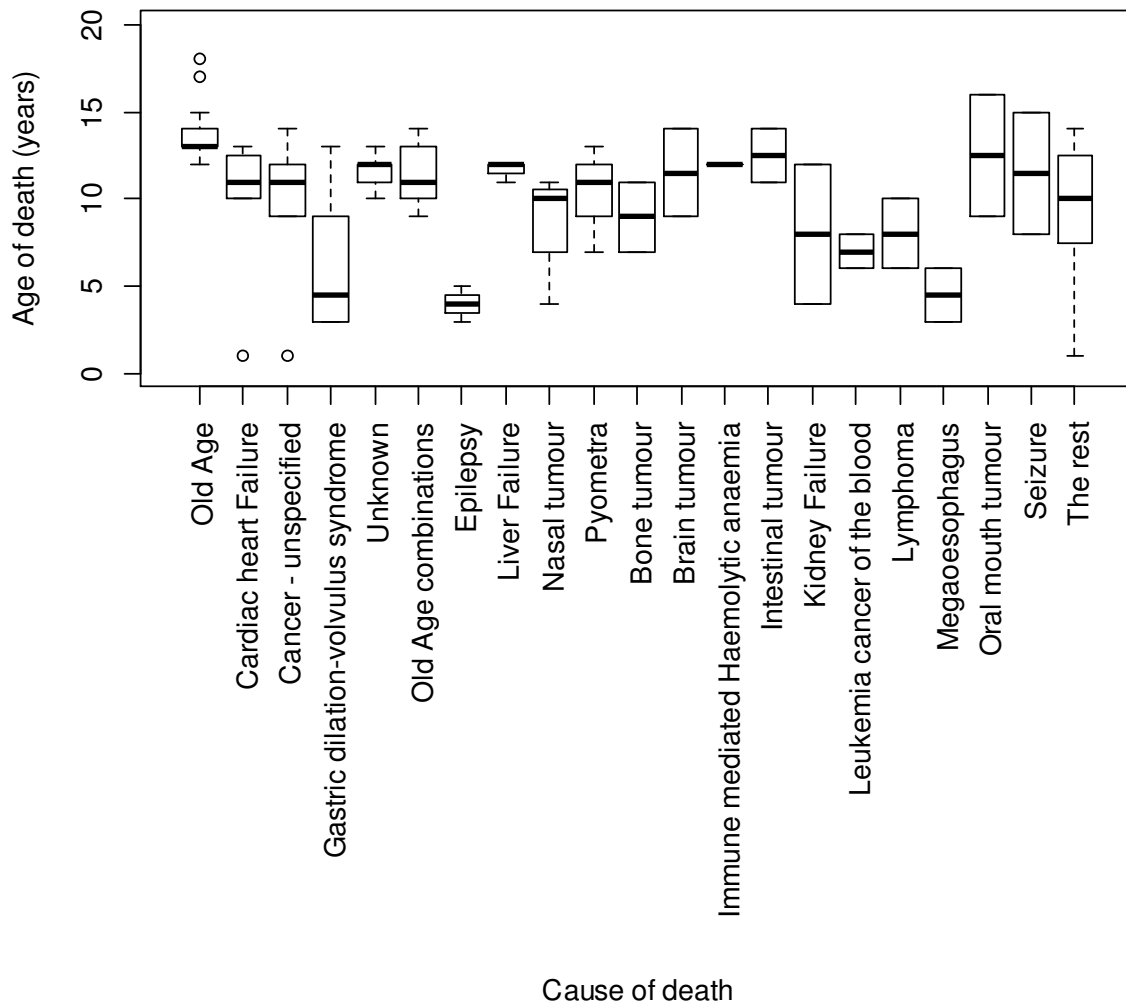


Figure 2: Box and whisker plot of age at death in years for the twenty most common causes of death (N=101). The solid line within each box represents the median age of death from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Morbidity results

The 382 live Irish Setters represented 0.90% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 382 Irish Setters which the survey covers, 231 had reported no conditions and 151 reported affected by at least one condition (min = 1 condition(s), max = 8 conditions), giving a total of 294 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Irish Setters are shown in Table 3. There were 320 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 4 years (min = 0 years, max= 13 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 Setter.

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)
382	4.91	4	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	66	3.29	2	0	10
Female	Not neutered	No	121	NA	NA	NA	NA
Female	Unknown	No	9	NA	NA	NA	NA
Male	Neutered	Yes	34	2.85	2	0	12
Male	Neutered	No	1	NA	NA	NA	NA
Male	Not neutered	No	143	NA	NA	NA	NA
Male	Unknown	No	8	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	20	4.05	3	0	13
Normal	279	4.30	4	0	14
Somewhat overweight	11	5.64	6	0	10
Somewhat underweight	10	2.50	2	0	6

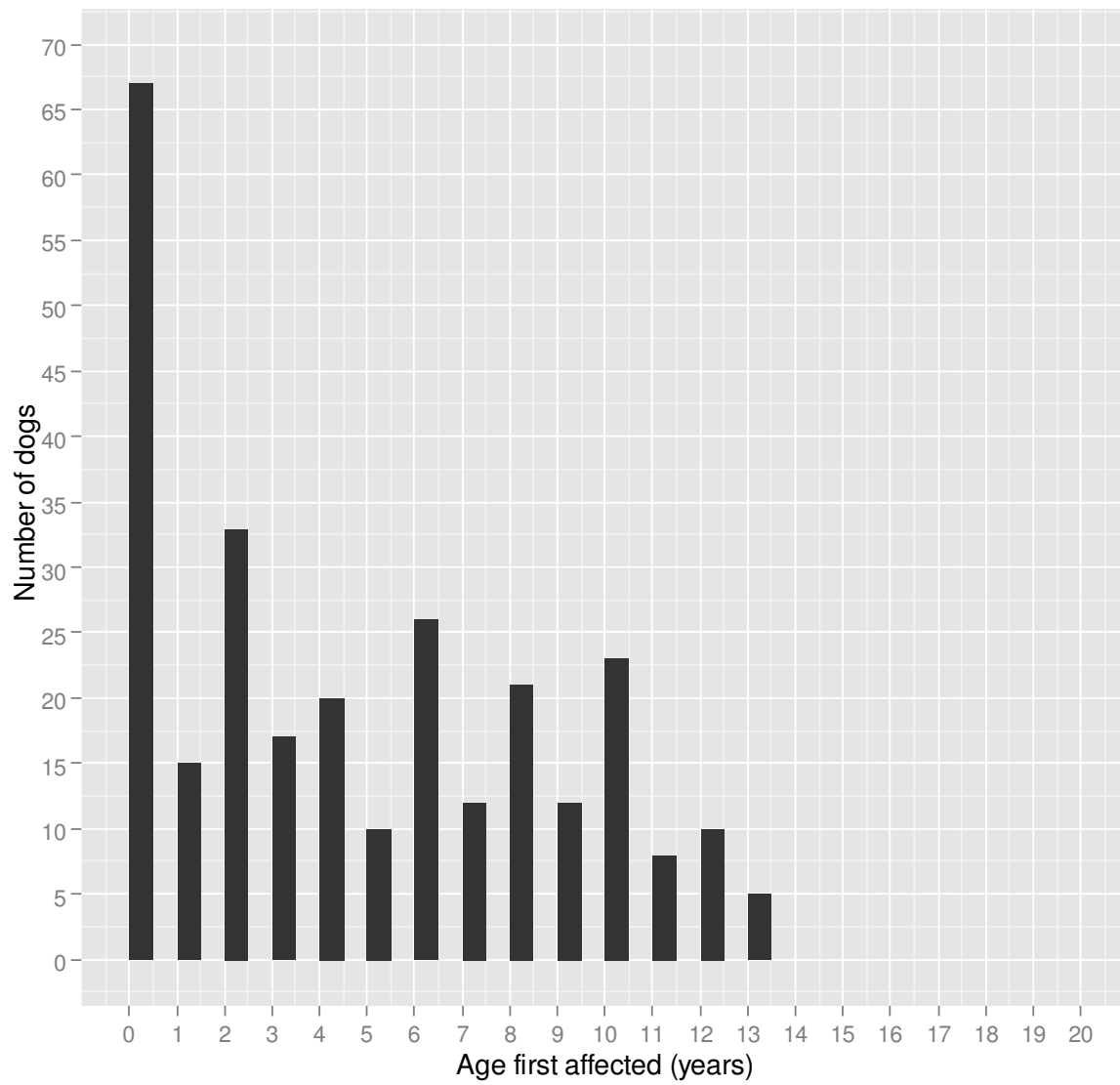


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

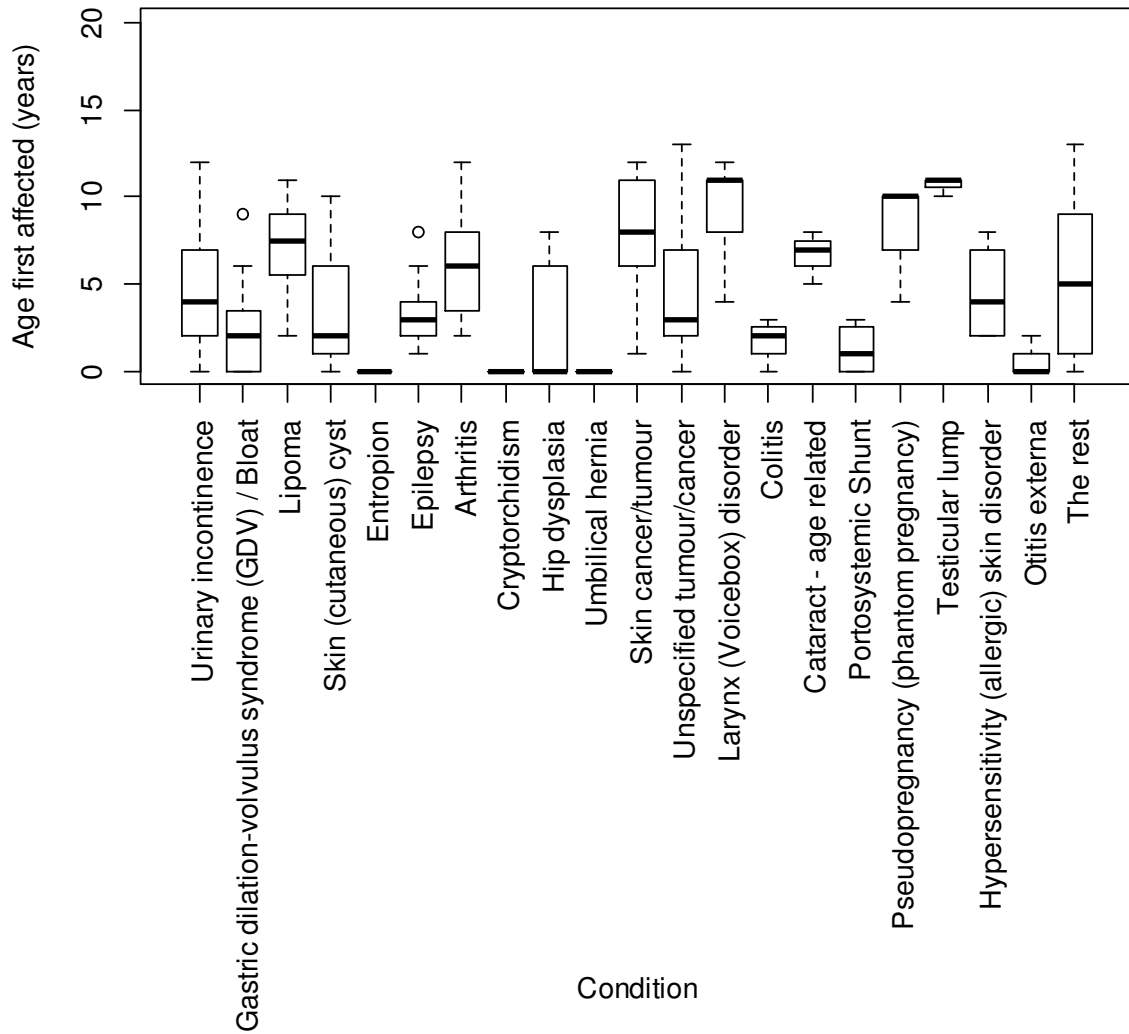


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 382 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Urinary incontinence	22	7.48	5.76
Gastric dilation-volvulus syndrome (GDV) / Bloat	21	7.14	5.50
Lipoma	20	6.8	5.24
Skin (cutaneous) cyst	19	6.46	4.97
Entropion	14	4.76	3.66
Epilepsy	9	3.06	2.36
Arthritis	7	2.38	1.83
Cryptorchidism	7	2.38	1.83
Hip dysplasia	6	2.04	1.57
Skin cancer/tumour	6	2.04	1.57
Umbilical hernia	6	2.04	1.57
Larynx (Voicebox) disorder	5	1.7	1.31
Unspecified tumour/cancer	5	1.7	1.31
Cataract - age related	4	1.36	1.05
Colitis	4	1.36	1.05
Hypersensitivity (allergic) skin disorder	4	1.36	1.05
Otitis externa	4	1.36	1.05
Portosystemic Shunt	4	1.36	1.05
Pseudopregnancy (phantom pregnancy)	4	1.36	1.05
Testicular lump	4	1.36	1.05

Proportion of morbidity as %= N/294 disease conditions, prevalence %= N/382 live dogs

Summary

From the dogs surveyed, most Irish Setters were not affected by a disease condition (60.47%). The most commonly reported disease condition in live dogs was urinary incontinence. The most commonly reported cause of death was old age.