



Gordon Setter

Pedigree Breed Health Survey

Forms were received representing 173 living dogs & 54 deceased dogs.

Mortality results

A total of 54 deaths were reported, representing 0.96% of all deaths reported in the Pedigree Breed Health survey. The median longevity for the Gordon Setter was 12 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 = 54 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Old Age	11	20.37
Skin tumour	5	9.26
Bladder tumour	3	5.56
Oral mouth tumour	3	5.56
Unknown	3	5.56
Aggression	2	3.70
Bone tumour	2	3.70
Gastric dilation-volvulus syndrome GDV Bloat	2	3.70
Kidney Failure	2	3.70
Old Age combinations	2	3.70
Seizure	2	3.70
Stroke	2	3.70
Arthritis	1	1.85
Aspergillosis	1	1.85
Blood vessel tumour Hemangiosarcoma	1	1.85
Brain tumour	1	1.85
Cardiac heart Failure	1	1.85
Cardiomyopathy	1	1.85
Enlarged heart	1	1.85
Gastric tumour	1	1.85

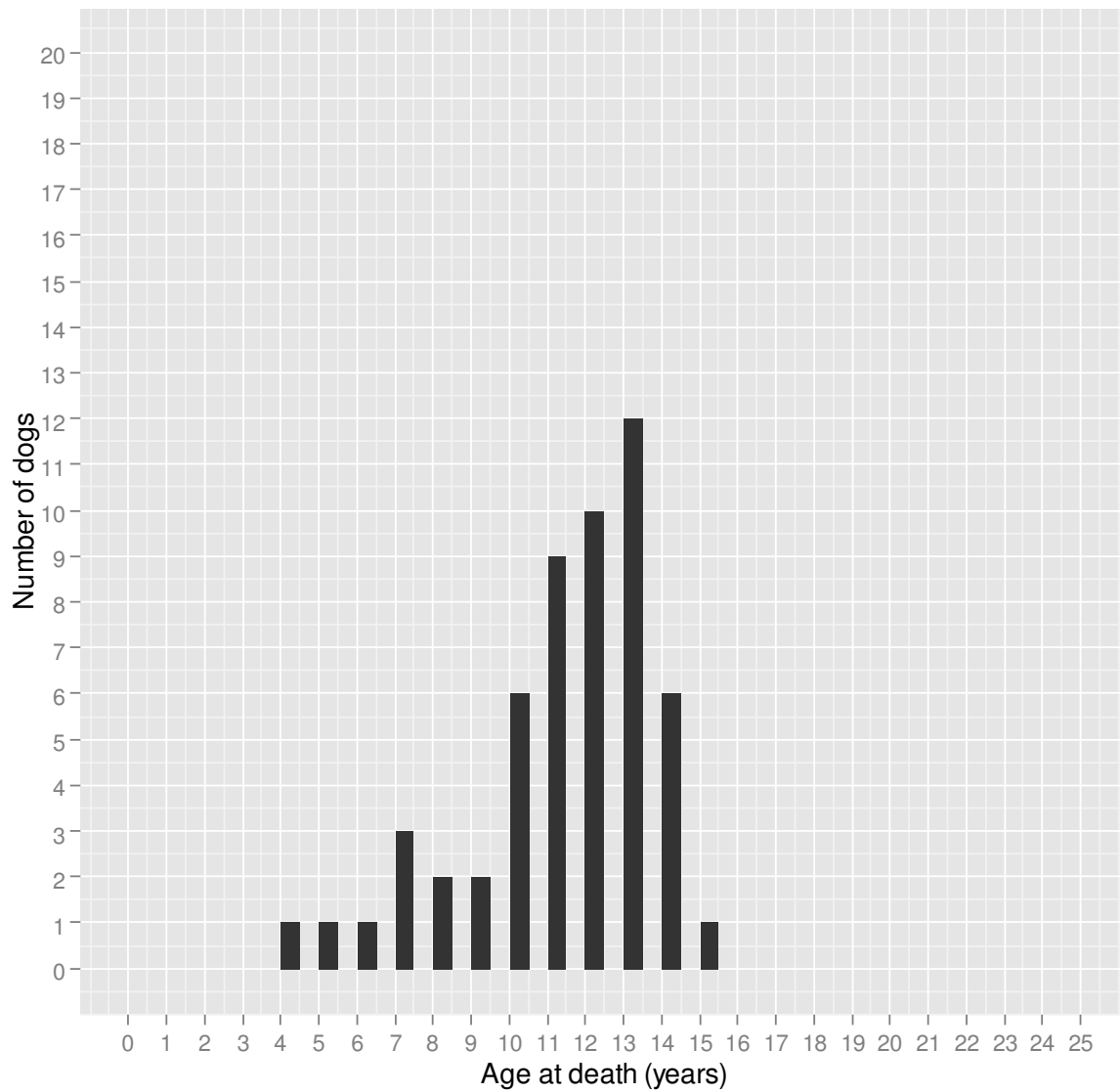


Figure 1: Histogram of the longevity for 54 reported deaths: overall median age at death was 12 years (minimum= 4 years, maximum= 15 years); mean age at death was 11.19 years

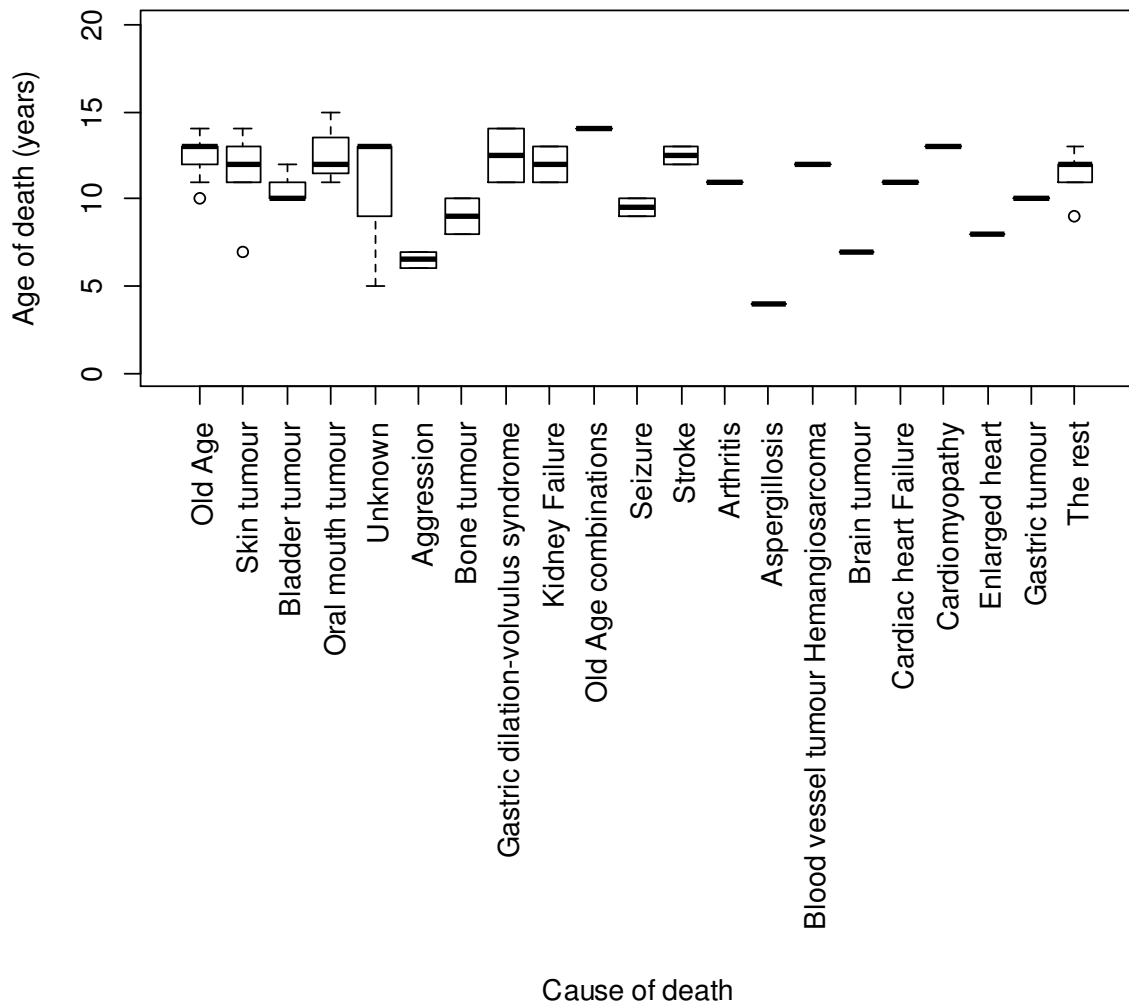


Figure 2: Box and whisker plot of age at death in years for the twenty most common causes of death (N=...). The solid line within each box represents the median age of death from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles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

Morbidity results

The 173 live Gordon Setters represented 0.40% of total dogs in the survey. The median age of live dogs for the breed was 5 years (Table 2). Of the 173 Gordon Setters which the survey covers, 103 had reported no conditions and 70 reported affected by at least one condition (min = 1 condition(s), max = 10 conditions), giving a total of 176 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Gordon Setters are shown in Table 3. There were 123 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 Gordon 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)
173	5.32	5	0	21

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	30	3.27	2	0	10
Female	Neutered	No	1	NA	NA	NA	NA
Female	Not neutered	No	58	NA	NA	NA	NA
Female	Unknown	No	4	NA	NA	NA	NA
Male	Neutered	Yes	25	2.52	1	0	12
Male	Neutered	No	1	NA	NA	NA	NA
Male	Not neutered	No	49	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 comment made (years)	Median age comment made (years)	Min age comment made (years)	Max age comment made (years)
No comment was made by vet	13	2.00	1	0	10
Normal	101	4.64	4	0	12
Somewhat overweight	4	6.50	6.5	3	10
Somewhat underweight	5	7.40	10	0	12

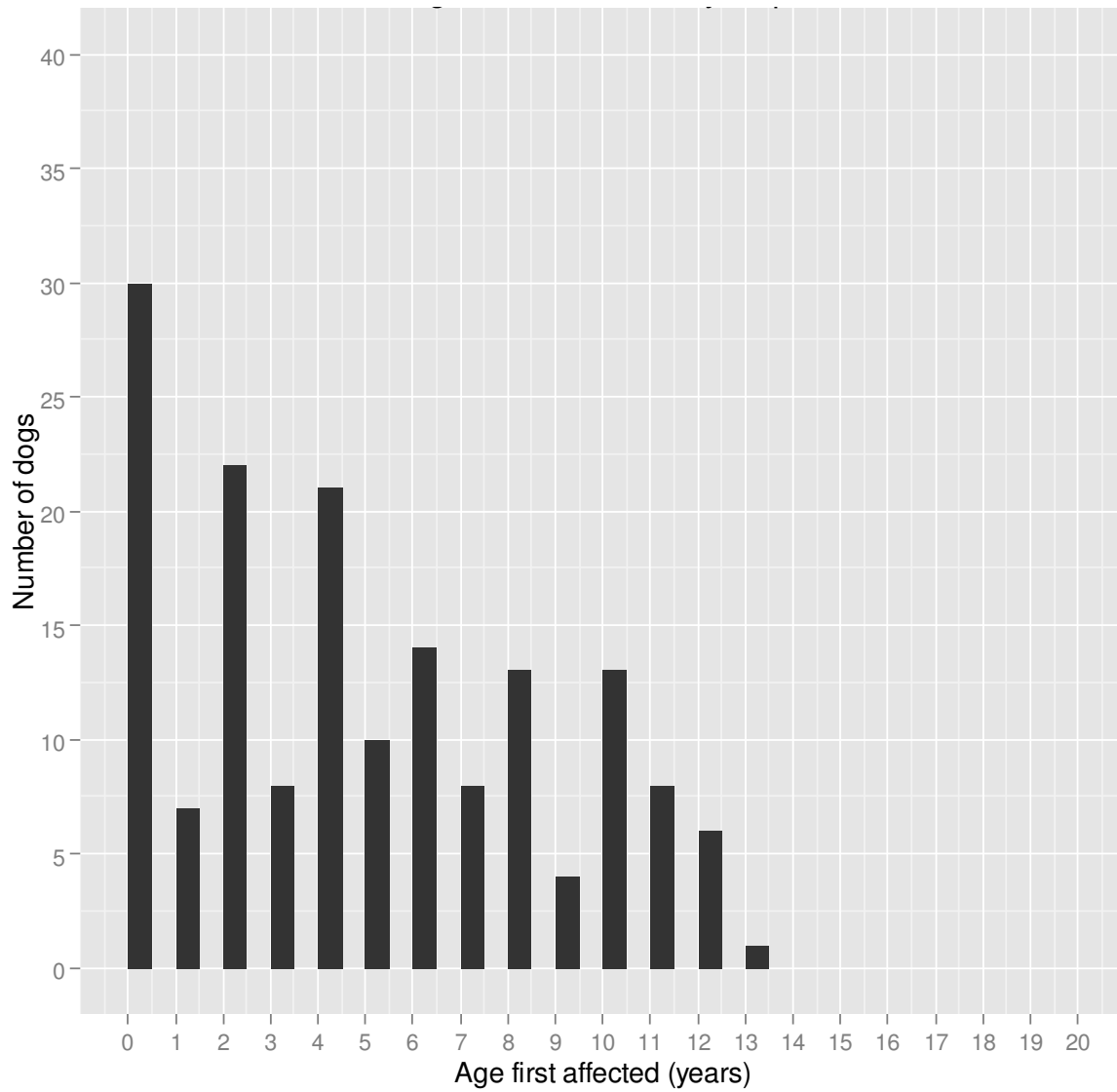


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

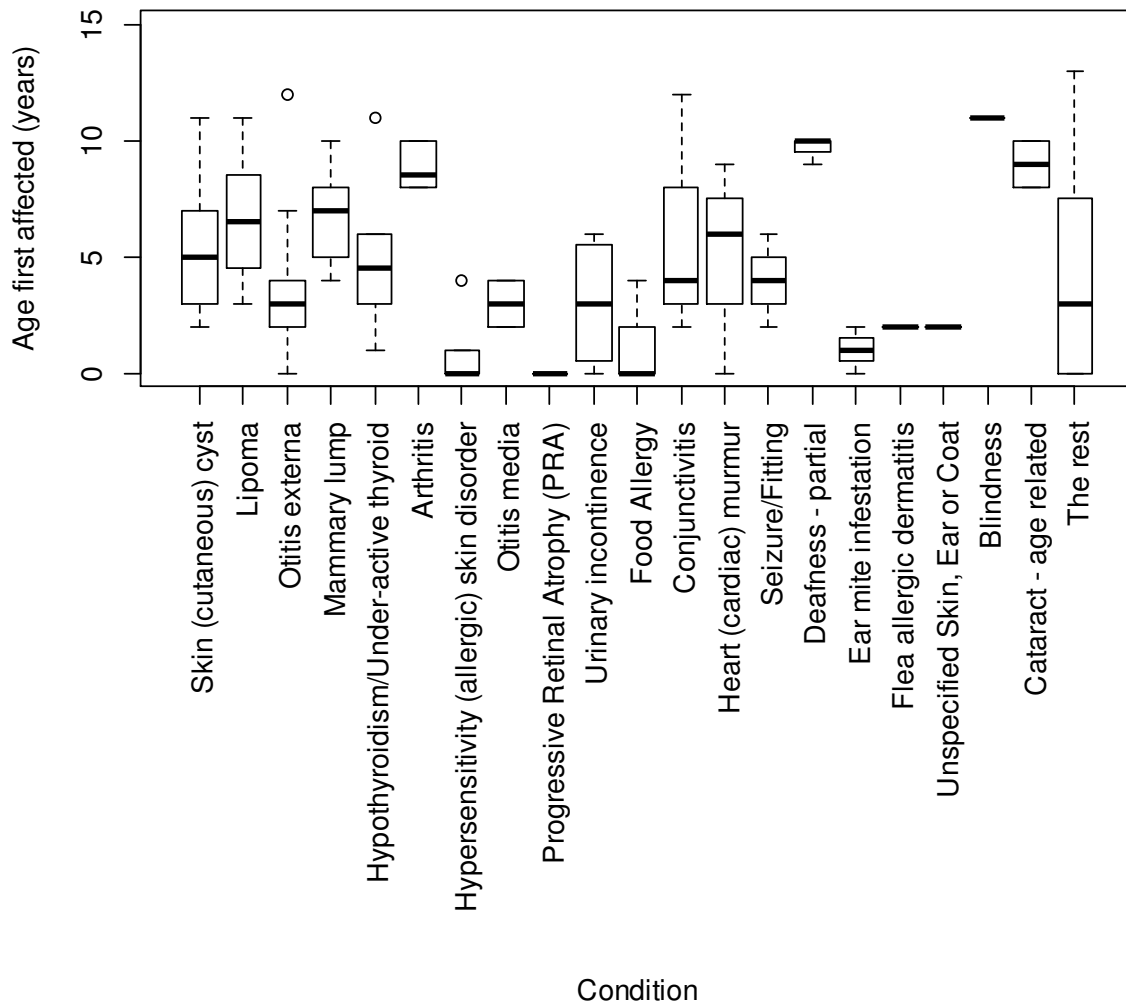


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 173 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Skin (cutaneous) cyst	27	15.34	15.61
Lipoma	12	6.82	6.94
Otitis externa	11	6.25	6.36
Mammary lump	10	5.68	5.78
Hypothyroidism/Under-active thyroid	7	3.98	4.05
Arthritis	6	3.41	3.47
Hypersensitivity (allergic) skin disorder	6	3.41	3.47
Otitis media	5	2.84	2.89
Progressive Retinal Atrophy (PRA)	4	2.27	2.31
Urinary incontinence	4	2.27	2.31
Conjunctivitis	3	1.70	1.73
Deafness - partial	3	1.70	1.73
Ear mite infestation	3	1.70	1.73
Flea allergic dermatitis	3	1.70	1.73
Food Allergy	3	1.70	1.73
Heart (cardiac) murmur	3	1.70	1.73
Seizure/Fitting	3	1.70	1.73
Unspecified Skin, Ear or Coat	3	1.70	1.73
Blindness	2	1.14	1.16
Cataract - age related	2	1.14	1.16

Proportion of morbidity as %= N/176 disease conditions, prevalence %= N/173 live dogs

Summary

From the dogs surveyed, most Gordon Setters were not affected by a disease condition (71,43%). The most commonly reported disease condition in live dogs was skin (cutaneous) cyst. The most commonly reported cause of death was old age.