



**THE KENNEL CLUB
DOG HEALTH**

German Shorthaired Pointer

Pedigree Breed Health Survey

Forms were received representing 362 living dogs & 36 deceased dogs.

Mortality results

A total of 36 deaths were reported, representing 0.64% of all deaths reported in the Pedigree Breed Health survey. The median age for the German Shorthaired Pointer was 10 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 = 36 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Cancer - unspecified	3	8.33
Old Age	3	8.33
Stroke	3	8.33
Brain tumour	2	5.56
Cardiac heart Failure	2	5.56
Gastric tumour	2	5.56
Kidney disease	2	5.56
Kidney Failure	2	5.56
Liver Failure	2	5.56
Road Traffic Accident	2	5.56
Addison's disease primary hypoadrenocorticism	1	2.78
Arthritis	1	2.78
Blood vessel tumour (Hemangiosarcoma)	1	2.78
Cardiac Tumour	1	2.78
Intestinal tumour	1	2.78
Liver tumour	1	2.78
Lung tumour	1	2.78
Neurological condition - unspecified	1	2.78
Old Age combinations	1	2.78
Oral mouth tumour	1	2.78

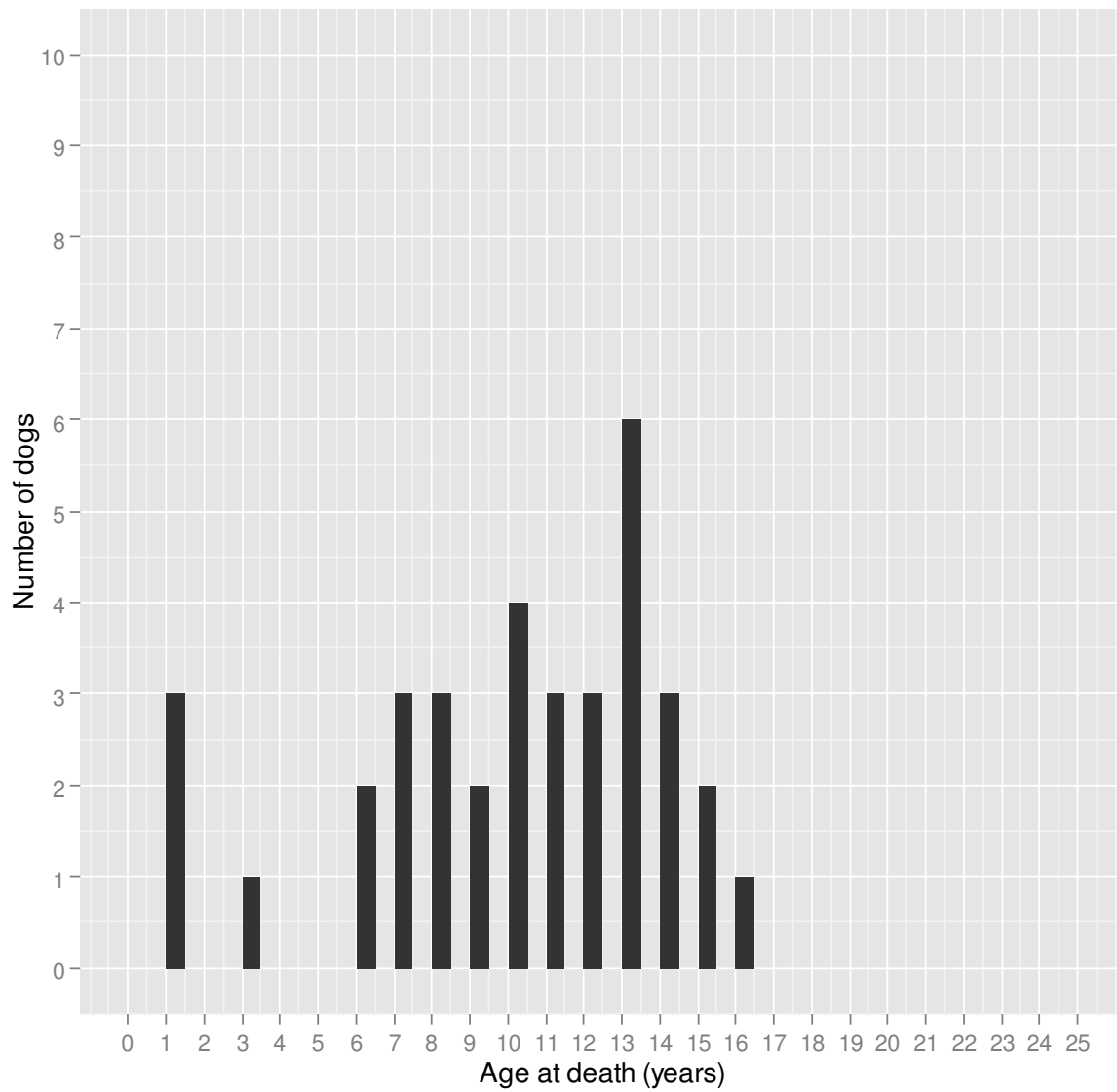


Figure 1: Histogram of the longevity for 36 reported deaths: overall median age at death was 10.5 years (minimum= 1 years, maximum= 16 years); mean age at death was 9.89 years

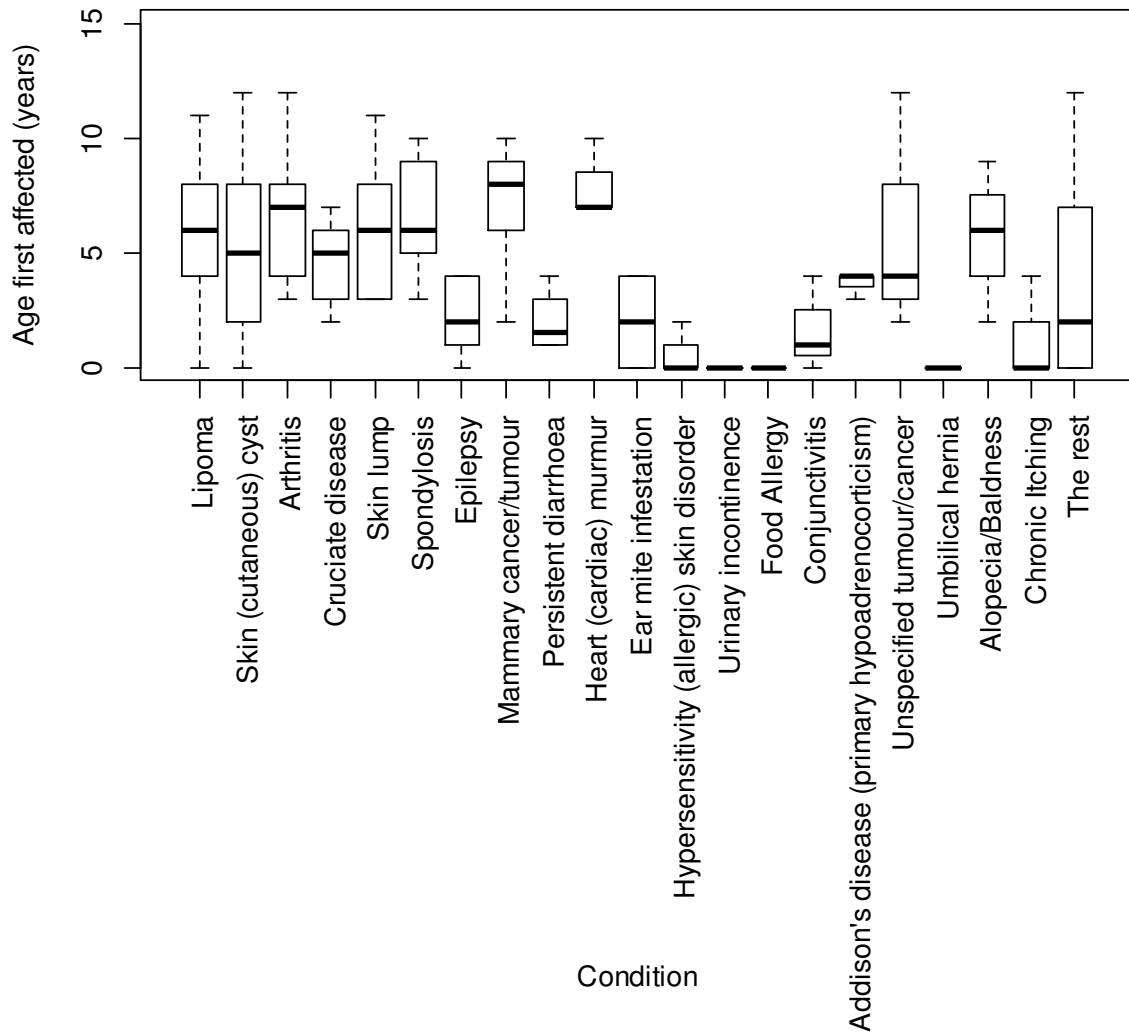


Figure 2: Box and whisker plot of age at death in years for the twenty most common causes of death (N=36). The solid line within each box represents the median age of death from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Morbidity results

The 362 live German Shorthaired Pointers represented 0.84% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 362 German Shorthaired Pointers which the survey covers, 241 had reported no conditions and 121 reported affected by at least one condition (min = 1 condition(s), max = 7 conditions), giving a total of 215 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for German Shorthaired Pointers are shown in Table 3. There were 318 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= 12 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 German Shorthaired Pointer.

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)
362	4.614325069	4	0	18

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	108	2.03	1	0	10
Female	Neutered	No	4	NA	NA	NA	NA
Female	Not neutered	No	77	NA	NA	NA	NA
Female	Unknown	No	6	NA	NA	NA	NA
Male	Neutered	Yes	87	1.74	1	0	9
Male	Not neutered	No	73	NA	NA	NA	NA
Male	Unknown	No	7	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	18	4.06	4	0	10
Normal	285	4.00	3	0	12
Somewhat overweight	7	8.29	8	6	12
Somewhat underweight	7	2.14	2	0	7
Very underweight	1	2.00	2	2	2

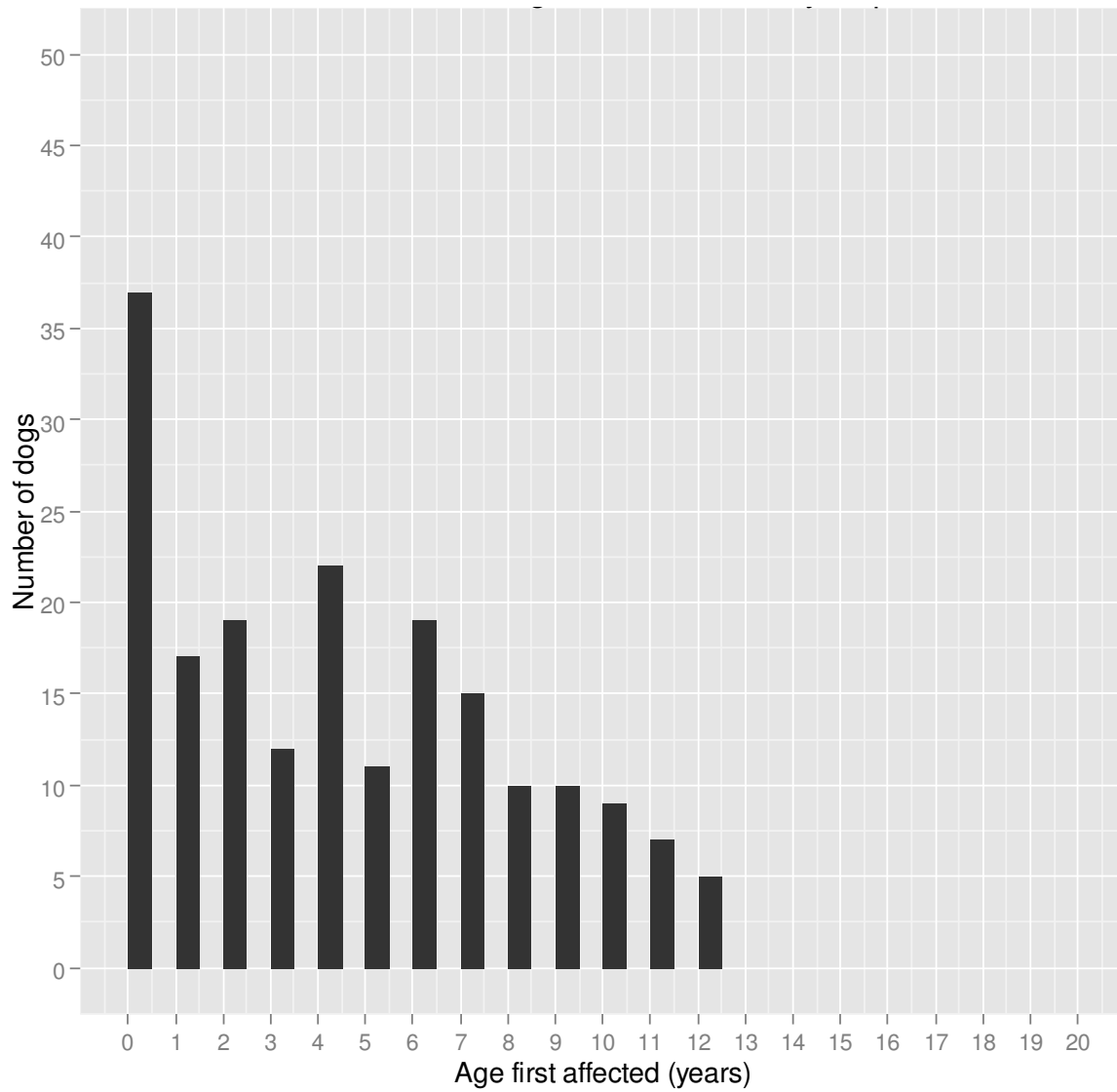


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

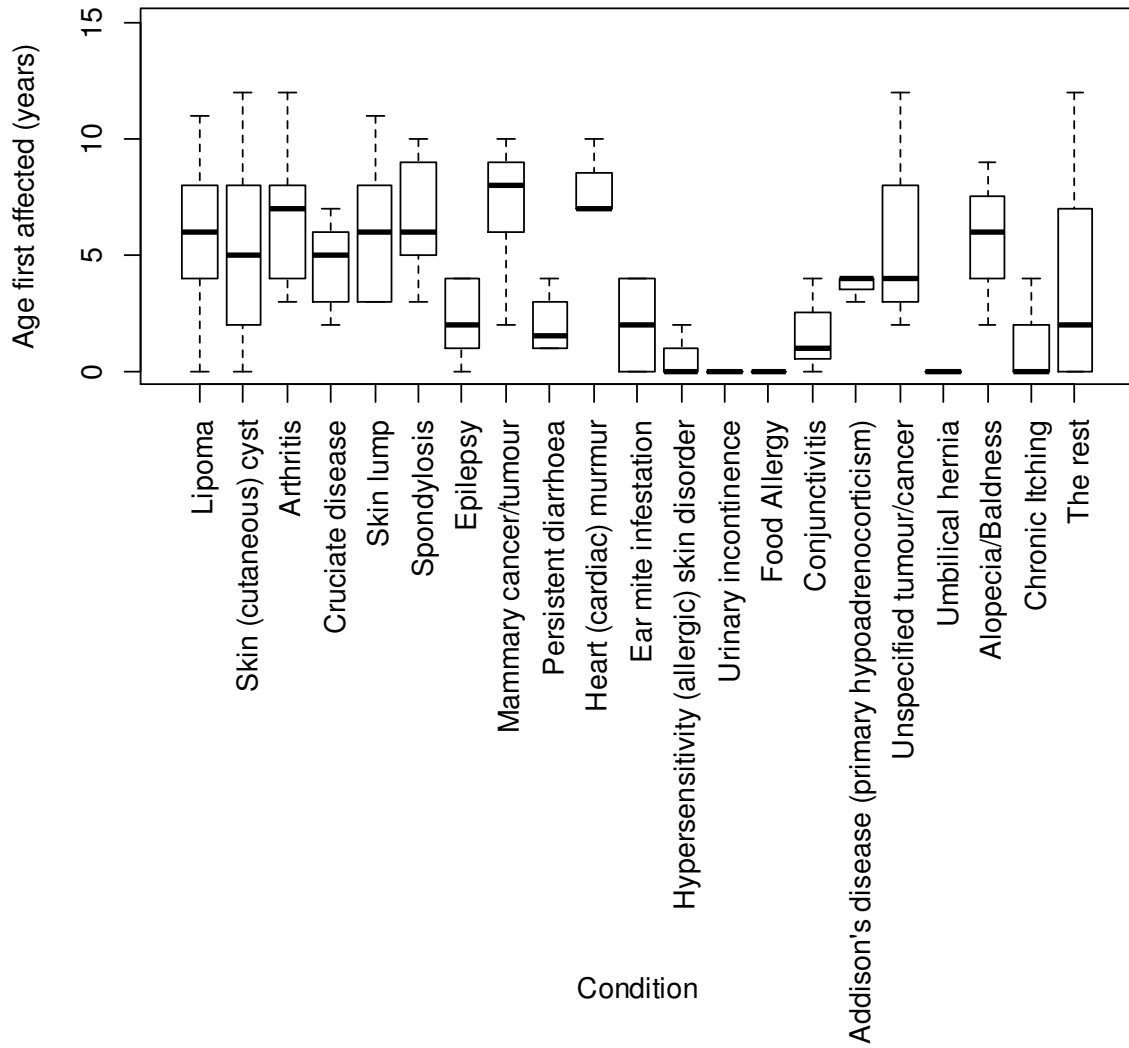


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 362 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Lipoma	39	18.14	10.77
Skin (cutaneous) cyst	23	10.7	6.35
Arthritis	10	4.65	2.76
Cruciate disease	6	2.79	1.66
Skin lump	6	2.79	1.66
Epilepsy	5	2.33	1.38
Mammary cancer/tumour	5	2.33	1.38
Spondylosis	5	2.33	1.38
Ear mite infestation	4	1.86	1.10
Food Allergy	4	1.86	1.10
Heart (cardiac) murmur	4	1.86	1.10
Hypersensitivity (allergic) skin disorder	4	1.86	1.10
Persistent diarrhoea	4	1.86	1.10
Urinary incontinence	4	1.86	1.10
Addison's disease (primary hypoadrenocorticism)	3	1.4	0.83
Alopecia/Baldness	3	1.4	0.83
Chronic Itching	3	1.4	0.83
Conjunctivitis	3	1.4	0.83
Otitis externa	3	1.4	0.83
Skin cancer/tumour	3	1.4	0.83

Proportion of morbidity as %= N/215 disease conditions, prevalence %= N/362 live dogs

Summary

From the dogs surveyed, most German Shorthaired Pointers were not affected by a disease condition (66.57%). The most commonly reported disease condition in live dogs was lipoma. There were three most commonly reported causes of death, representing an equal proportion of the reported deaths; these were unspecified cancer, old age and stroke.