



English Springer Spaniel

Pedigree Breed Health Survey

Forms were received representing 2,060 living dogs & 224 deceased dogs.

Mortality results

A total of 224 deaths were reported, representing 3.99% of all deaths reported in the Pedigree Breed Health survey. The median longevity for the English Springer Spaniel 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 = 224 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Old Age	34	15.18
Cancer - unspecified	18	8.04
Unknown	14	6.25
Kidney Failure	11	4.91
Aggression	9	4.02
Liver Failure	9	4.02
Old Age combinations	9	4.02
Lymphoma	8	3.57
Stroke	8	3.57
Brain tumour	7	3.13
Cardiac heart Failure	7	3.13
Bone tumour	5	2.23
Epilepsy	5	2.23
Mammary tumour	5	2.23
Splenic tumour	5	2.23
Senile dementia/ cognitive dysfunction	4	1.79
Cardiomyopathy	3	1.34
Intestinal tumour	3	1.34
Pancreatitis	3	1.34
Road Traffic Accident	3	1.34

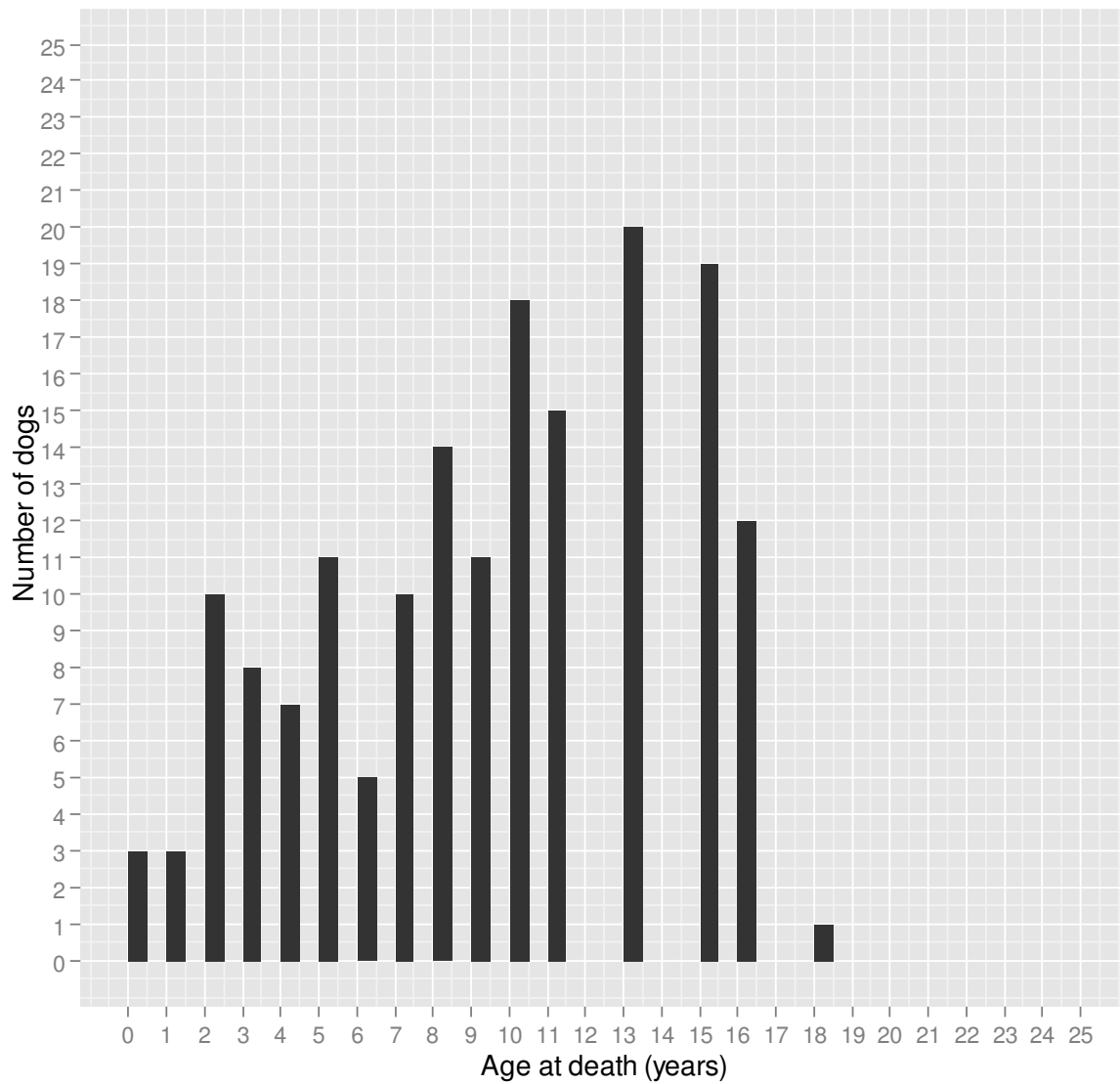


Figure 1: Histogram of the longevity for 224 reported deaths: overall median age at death was 11 years (minimum= 0 years, maximum= 18 years); mean age at death was 10.18 years

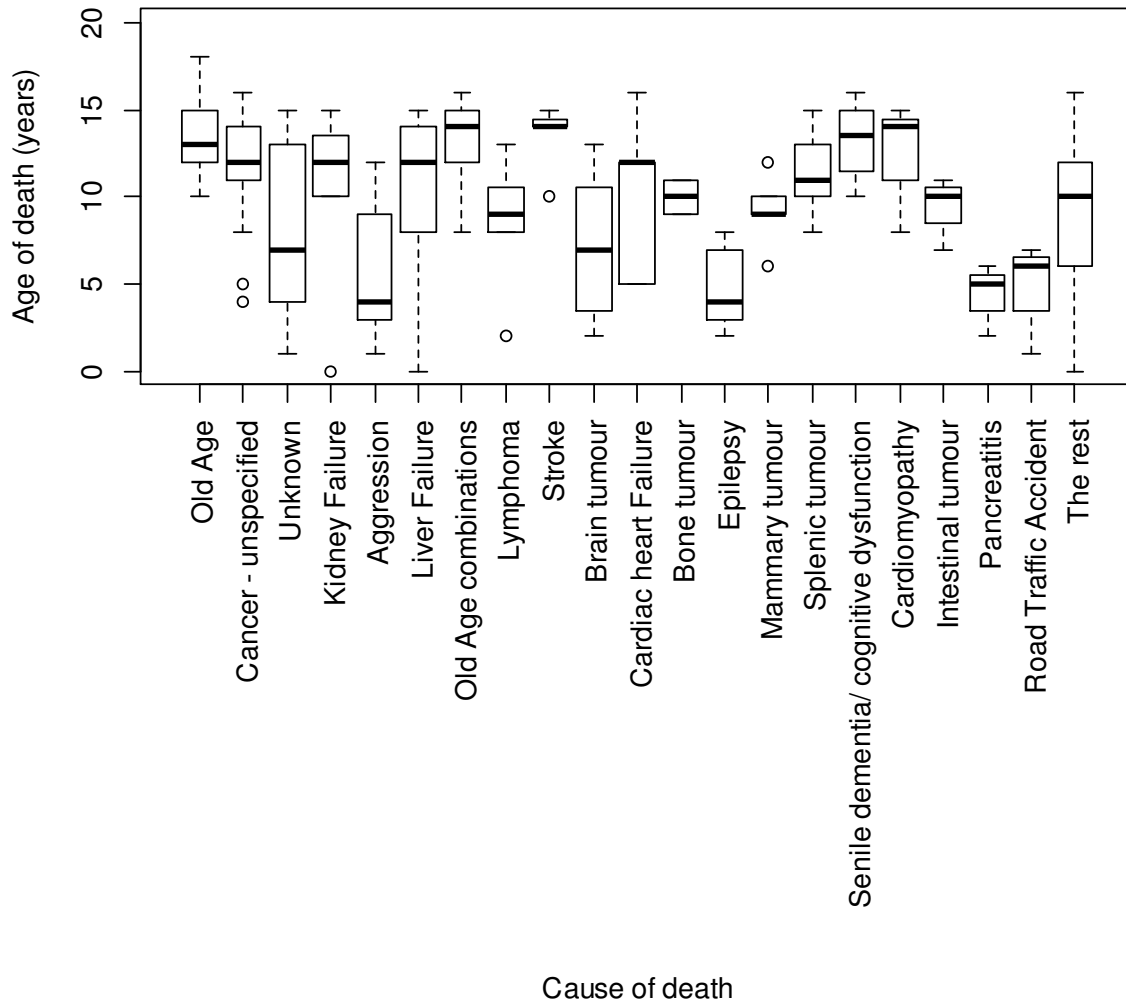


Figure 2: Box and whisker plot of age at death in years for the twenty most common causes of death (N=224). The solid line within each box represents the median age of death from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Morbidity results

The 2,060 live English Springer Spaniels represented 3.99% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 2,060 English Springer Spaniels which the survey covers, 1,398 had reported no conditions and 662 reported affected by at least one condition (min = 1 condition(s), max = 9 conditions), giving a total of 1,174 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for English Springer Spaniels are shown in Table 3. There were 1,754 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= 15 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 English Springer Spaniel.

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)
2060	4.69	4	0	23

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	555	1.45	1	0	15
Female	Neutered	No	11	NA	NA	NA	NA
Female	Not neutered	No	406	NA	NA	NA	NA
Female	Unknown	No	34	NA	NA	NA	NA
Male	Neutered	Yes	438	1.24	0	0	10
Male	Neutered	No	8	NA	NA	NA	NA
Male	Not neutered	No	579	NA	NA	NA	NA
Male	Unknown	No	29	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	103	4.33	4	0	15
Normal	1519	3.96	3	0	16
Somewhat overweight	86	6.08	6	0	15
Somewhat underweight	42	3.29	2	0	14
very overweight	3	7.00	8	5	8
Very underweight	1	2.00	2	2	2

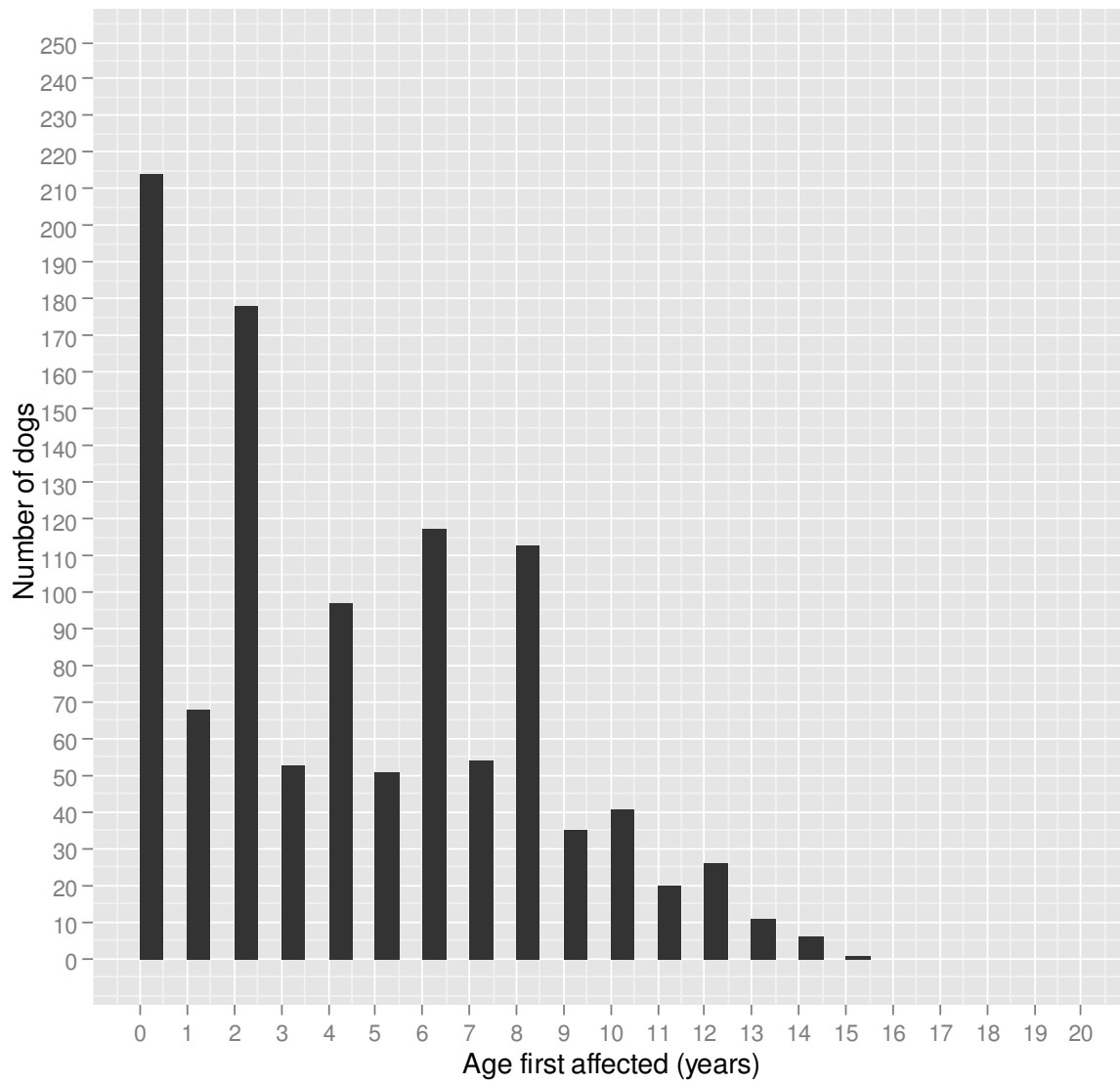


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

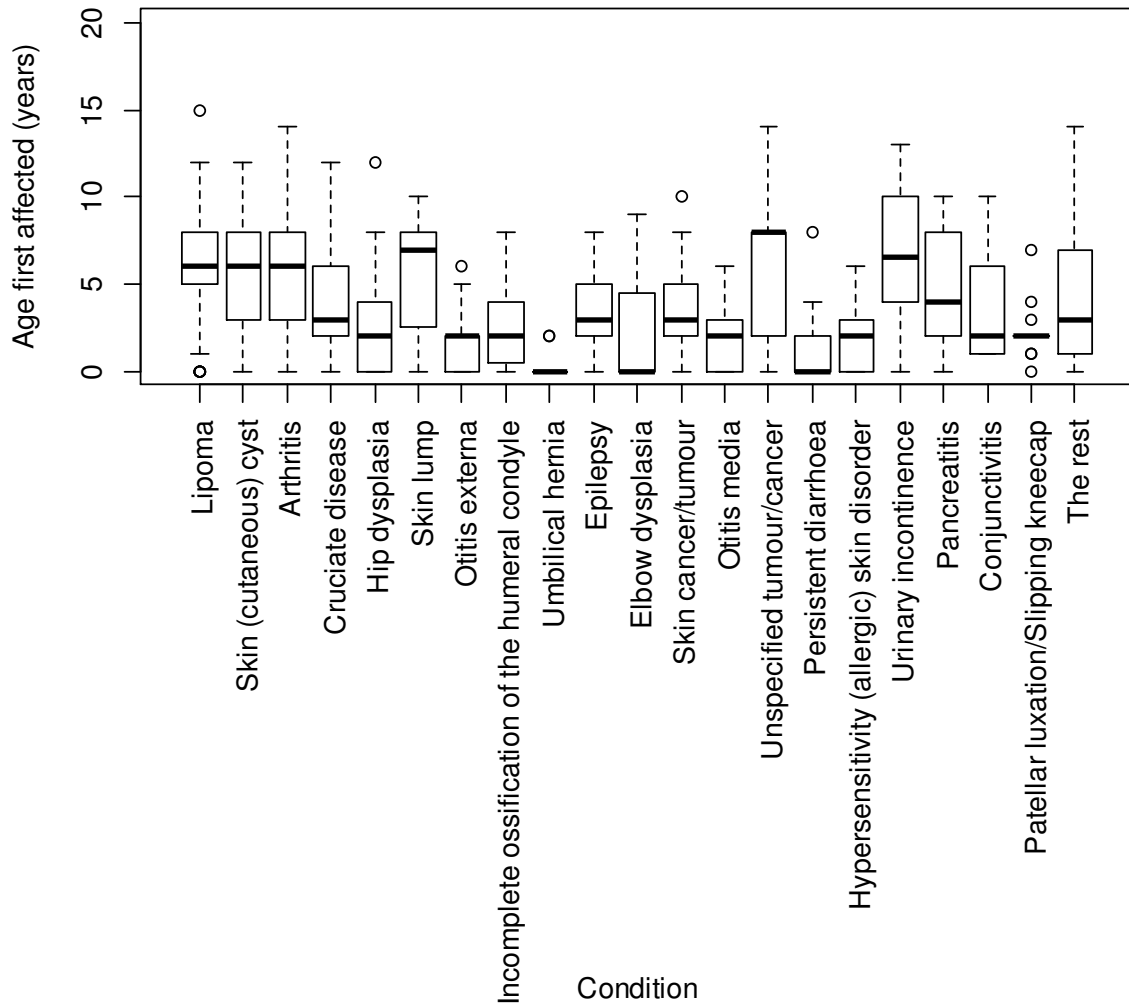


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 2,060 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Lipoma	138	11.75	6.70
Skin (cutaneous) cyst	68	5.79	3.30
Arthritis	65	5.54	3.16
Cruciate disease	44	3.75	2.14
Hip dysplasia	35	2.98	1.70
Skin lump	34	2.9	1.65
Otitis externa	31	2.64	1.50
Incomplete ossification of the humeral condyle (IOHC)	27	2.3	1.31
Umbilical hernia	22	1.87	1.07
Epilepsy	21	1.79	1.02
Elbow dysplasia	20	1.7	0.97
Skin cancer/tumour	19	1.62	0.92
Otitis media	18	1.53	0.87
Unspecified tumour/cancer	17	1.45	0.83
Hypersensitivity (allergic) skin disorder	15	1.28	0.73
Persistent diarrhoea	15	1.28	0.73
Urinary incontinence	15	1.28	0.73
Conjunctivitis	14	1.19	0.68
Ear mite infestation	14	1.19	0.68
Pancreatitis	14	1.19	0.68

Proportion of morbidity as %= N/1,174 disease conditions, prevalence %= N/2,060 live dogs

Summary

From the dogs surveyed, most English Springer Spaniels were not affected by a disease condition (67.86%). The most commonly reported disease condition in live dogs was lipoma. The most commonly reported cause of death was old age.