



**THE KENNEL CLUB
DOG HEALTH**

Dobermann

Pedigree Breed Health Survey

Forms were received representing 333 living dogs & 100 deceased dogs.

Mortality results

A total of 100 deaths were reported, representing 1.78% of all deaths reported in the Pedigree Breed Health survey. The median longevity for the Dobermann was 8 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 = 100 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Cardiomyopathy	19	19.00
Cancer - unspecified	11	11.00
Cardiac heart Failure	9	9.00
Lymphoma	8	8.00
Bone tumour	4	4.00
Liver Failure	4	4.00
Old Age	4	4.00
Unknown	4	4.00
Aggression	3	3.00
Brain tumour	3	3.00
Gastric dilation-volvulus syndrome GDV Bloat	3	3.00
Wobblers Syndrome	3	3.00
Immune mediated Haemolytic anaemia	2	2.00
Leukemia cancer of the blood	2	2.00
Sudden death	2	2.00
Alabama rot	1	1.00
Autoimmune condition - unspecified	1	1.00
Bladder tumour	1	1.00
Blood vessel tumour Hemangiosarcoma	1	1.00
Diabetes	1	1.00

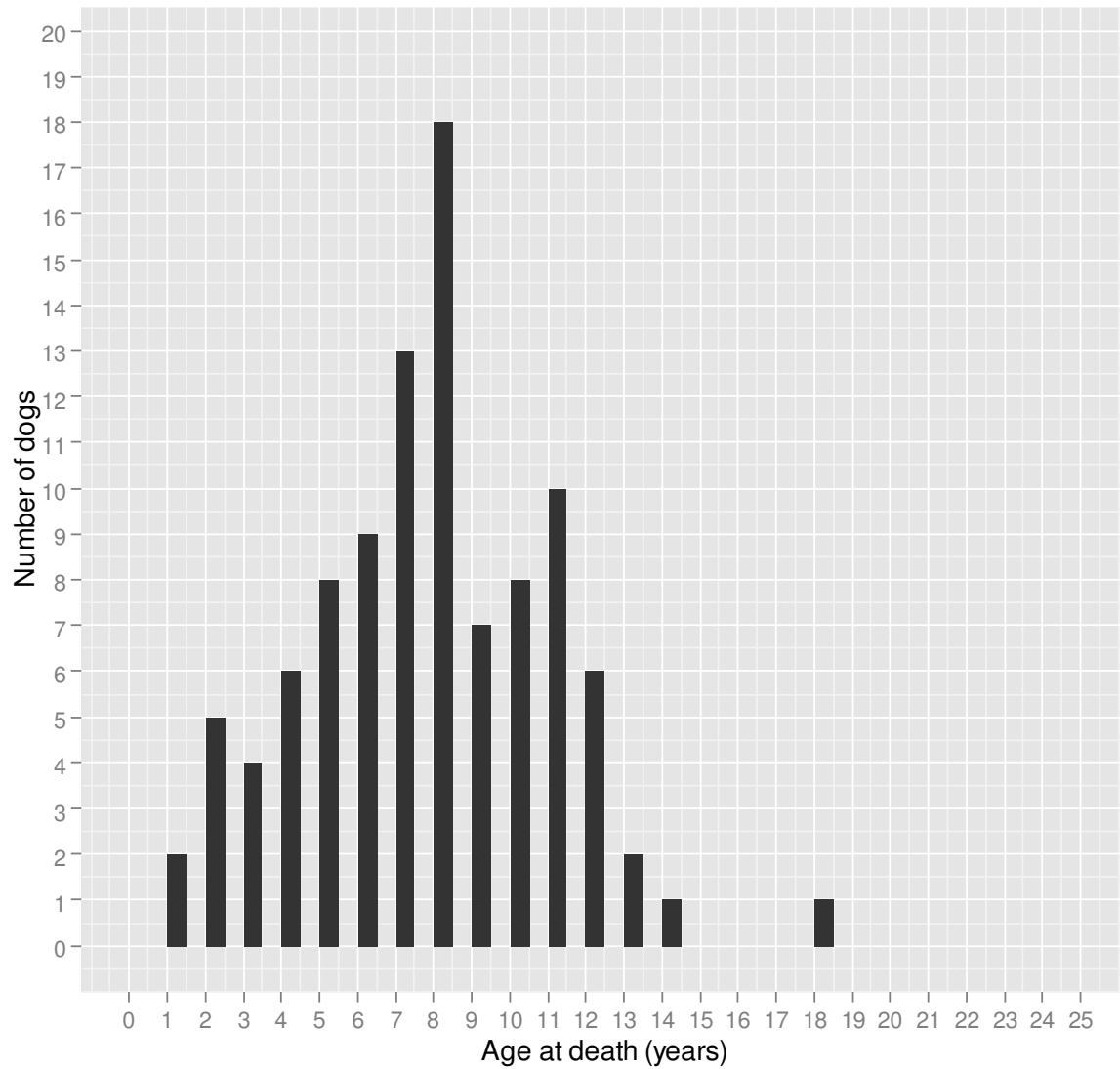


Figure 1: Histogram of the longevity for 100 reported deaths: overall median age at death was 8 years (minimum= 1 years, maximum= 18 years); mean age at death was 7.60 years

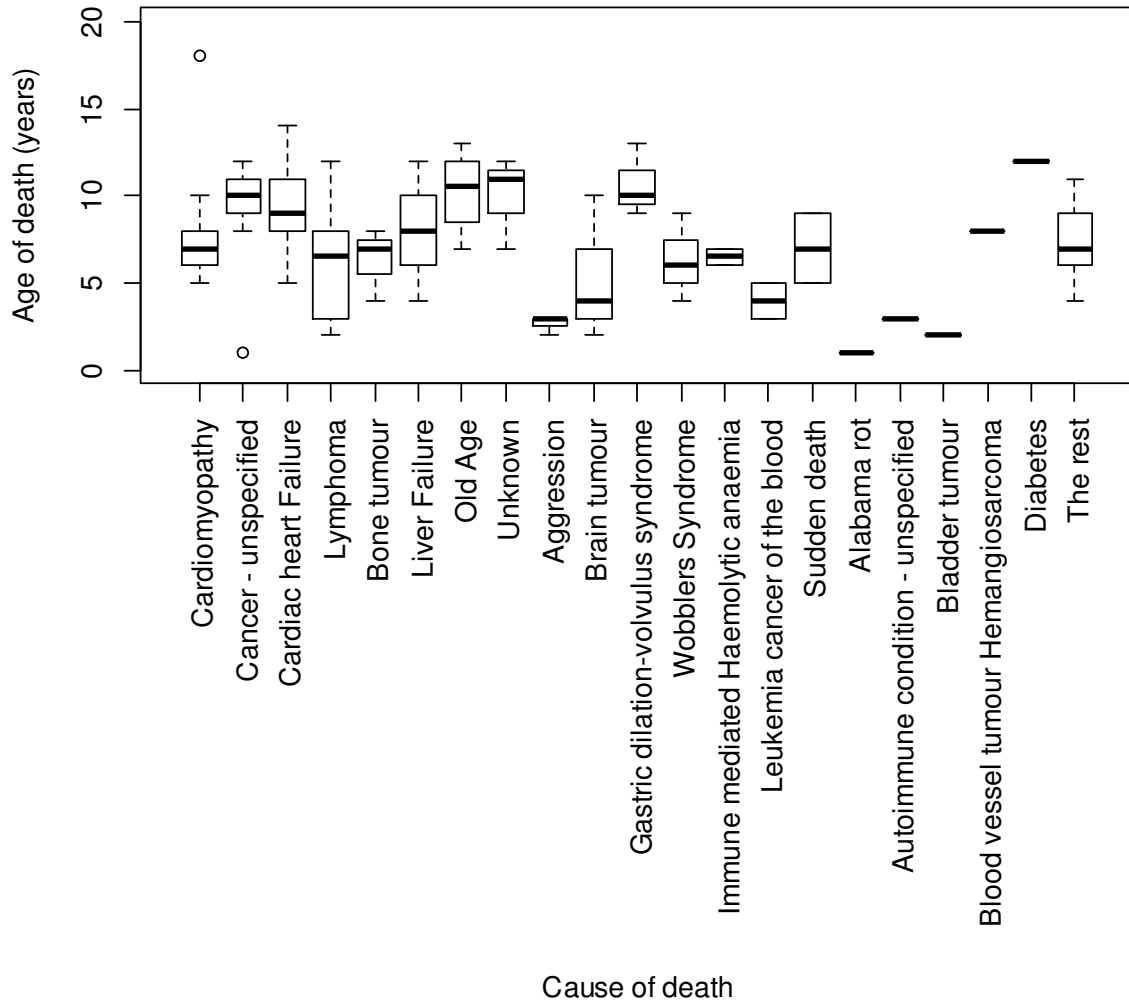


Figure 2: Box and whisker plot of age at death in years for the most twenty common causes of death (N=100). The solid line within each box represents the median age of death from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Morbidity results

The 333 live Dobermanns represented 0.78% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 335 Dobermanns which the survey covers, 190 had reported no conditions and 145 reported affected by at least one condition (min = 1 condition(s), max = 9 conditions), giving a total of 298 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Dobermanns are shown in Table 3. There were 276 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 Dobermann.

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)
335	4.647761194	4	0	15

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	107	1.74	1	0	10
Female	Neutered	No	2	NA	NA	NA	NA
Female	Not neutered	No	79	NA	NA	NA	NA
Female	Unknown	No	3	NA	NA	NA	NA
Male	Neutered	Yes	71	0.89	0	0	8
Male	Neutered	No	2	NA	NA	NA	NA
Male	Not neutered	No	64	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	6.92	9	0	12
Normal	245	3.60	3	0	12
Somewhat overweight	17	4.24	4	0	8
Somewhat underweight	1	2.00	2	2	2

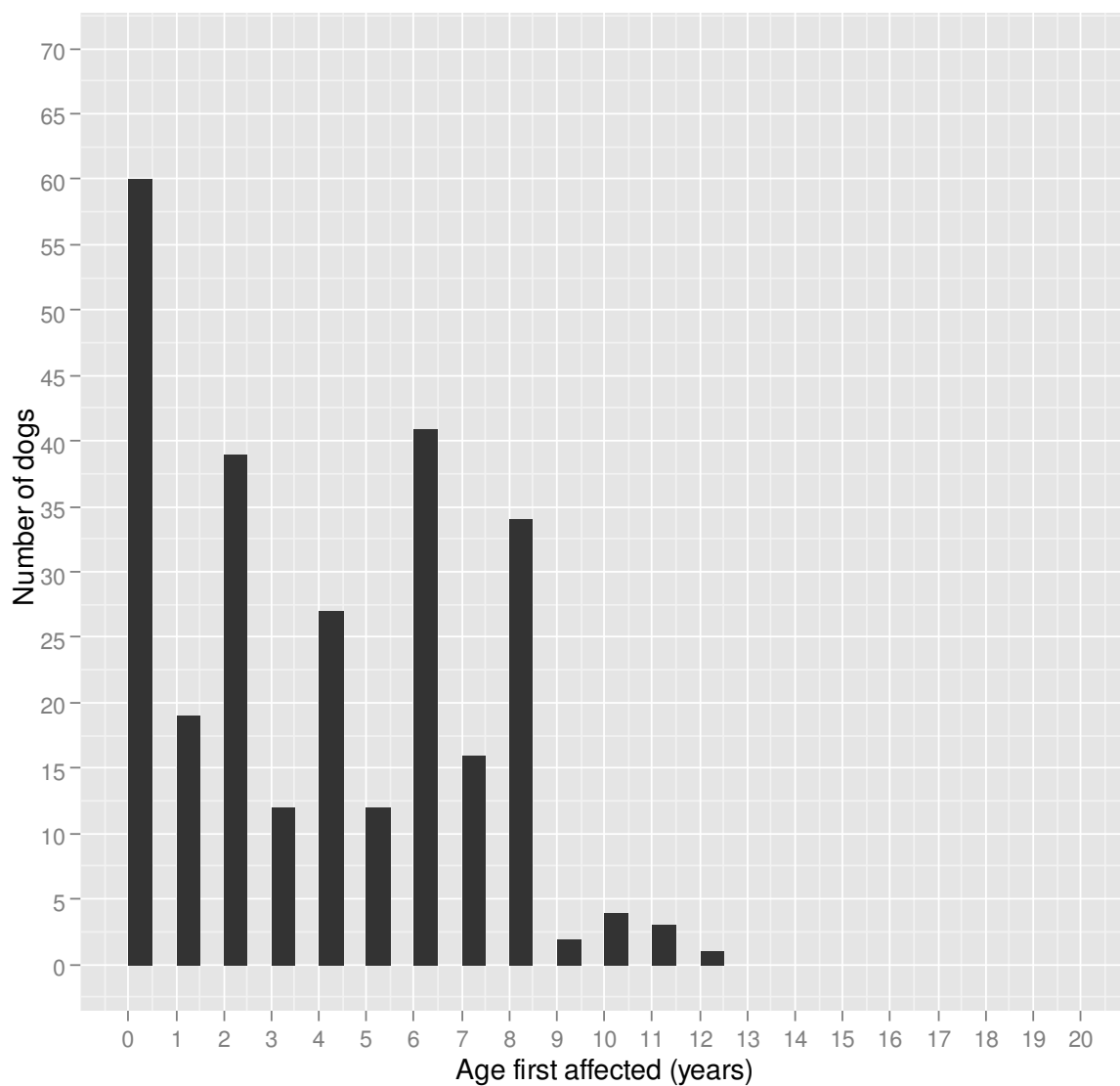


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

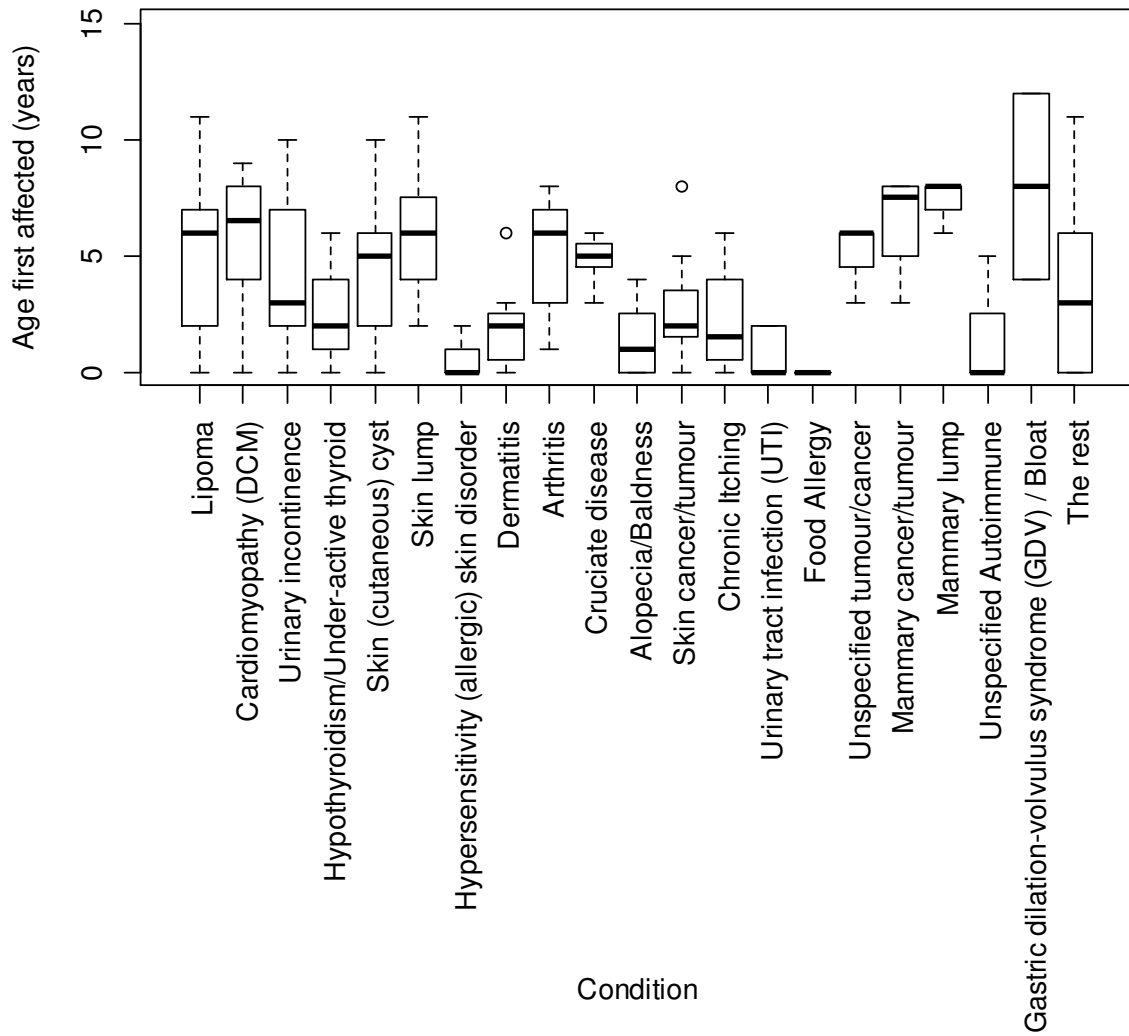


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 333 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Lipoma	38	12.75	11.41
Cardiomyopathy (DCM)	14	4.70	4.20
Urinary incontinence	14	4.70	4.20
Hypothyroidism/Under-active thyroid	13	4.36	3.90
Skin (cutaneous) cyst	11	3.69	3.30
Skin lump	11	3.69	3.30
Hypersensitivity (allergic) skin disorder	10	3.36	3.00
Dermatitis	8	2.68	2.40
Alopecia/Baldness	7	2.35	2.10
Arthritis	7	2.35	2.10
Cruciate disease	7	2.35	2.10
Skin cancer/tumour	7	2.35	2.10
Chronic Itching	5	1.68	1.50
Food Allergy	5	1.68	1.50
Urinary tract infection (UTI)	5	1.68	1.50
Mammary cancer/tumour	4	1.34	1.20
Mammary lump	4	1.34	1.20
Unspecified tumour/cancer	4	1.34	1.20
Conjunctivitis	3	1.01	0.90
Demodex infestation	3	1.01	0.90

Proportion of morbidity as %= N/298 disease conditions, prevalence %= N/333 live dogs

Summary

From the dogs surveyed, most Dobermanns were not affected by a disease condition (56.72%). The most commonly reported disease condition in live dogs was lipoma. The most commonly reported cause of death was cardiomyopathy.