



Nova Scotia Duck Tolling Retriever

Pedigree Breed Health Survey

Forms were received representing 130 living dogs & 3 deceased dogs.

Mortality results

A total of 3 deaths were reported, representing 0.05% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Nova Scotia Duck Tolling Retriever was 2 years to 12 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N = 3 deceased dogs).

Cause of death
Cancer - unspecified
Immune mediated Haemolytic anaemia
Pneumonia

Morbidity results

The 130 live Nova Scotia Duck Tolling Retrievers represented 0.30% of total dogs in the survey. The median age of live dogs for the breed was 3 years (Table 2). Of the 130 Nova Scotia Duck Tolling Retrievers which the survey covers, 78 had reported no conditions and 52 reported affected by at least one condition (min = 1 condition(s), max = 5 conditions), giving a total of 94 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Nova Scotia Duck Tolling Retrievers are shown in Table 3. There were 107 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 3 years (min = 0 years, max= 16 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 Nova Scotia Duck Tolling Retriever.

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)
130	3.82	3	0	16

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	33	1.70	1	0	6
Female	Not neutered	No	20	NA	NA	NA	NA
Female	Unknown	No	1	NA	NA	NA	NA
Male	Neutered	Yes	42	1.17	1	0	8
Male	Not neutered	No	33	NA	NA	NA	NA
Male	Unknown	No	1	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	6	2.17	1.5	0	6
Normal	92	3.65	3	0	16
Somewhat overweight	8	3.50	2	0	12
Somewhat underweight	1	5.00	5	5	5

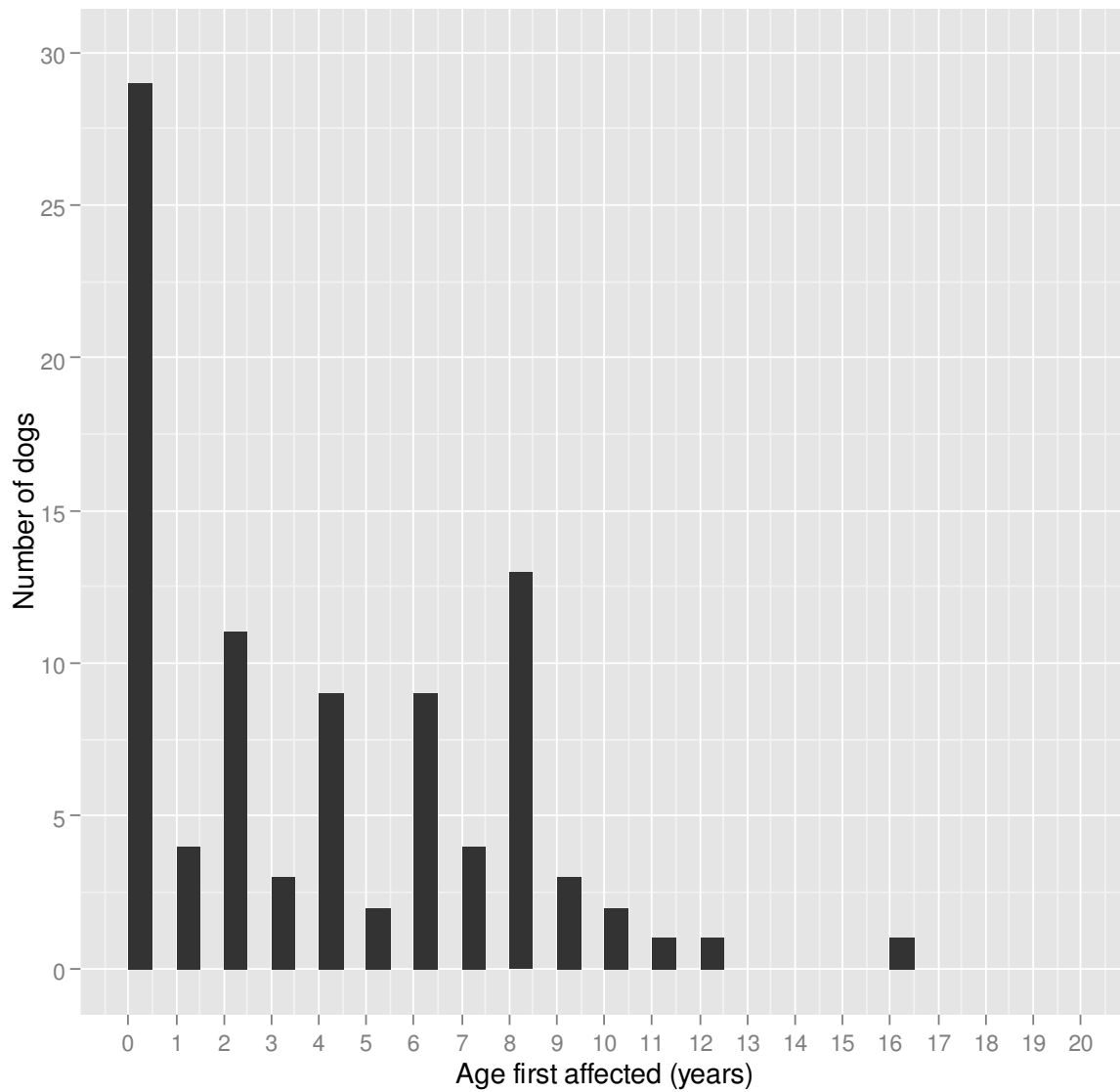


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

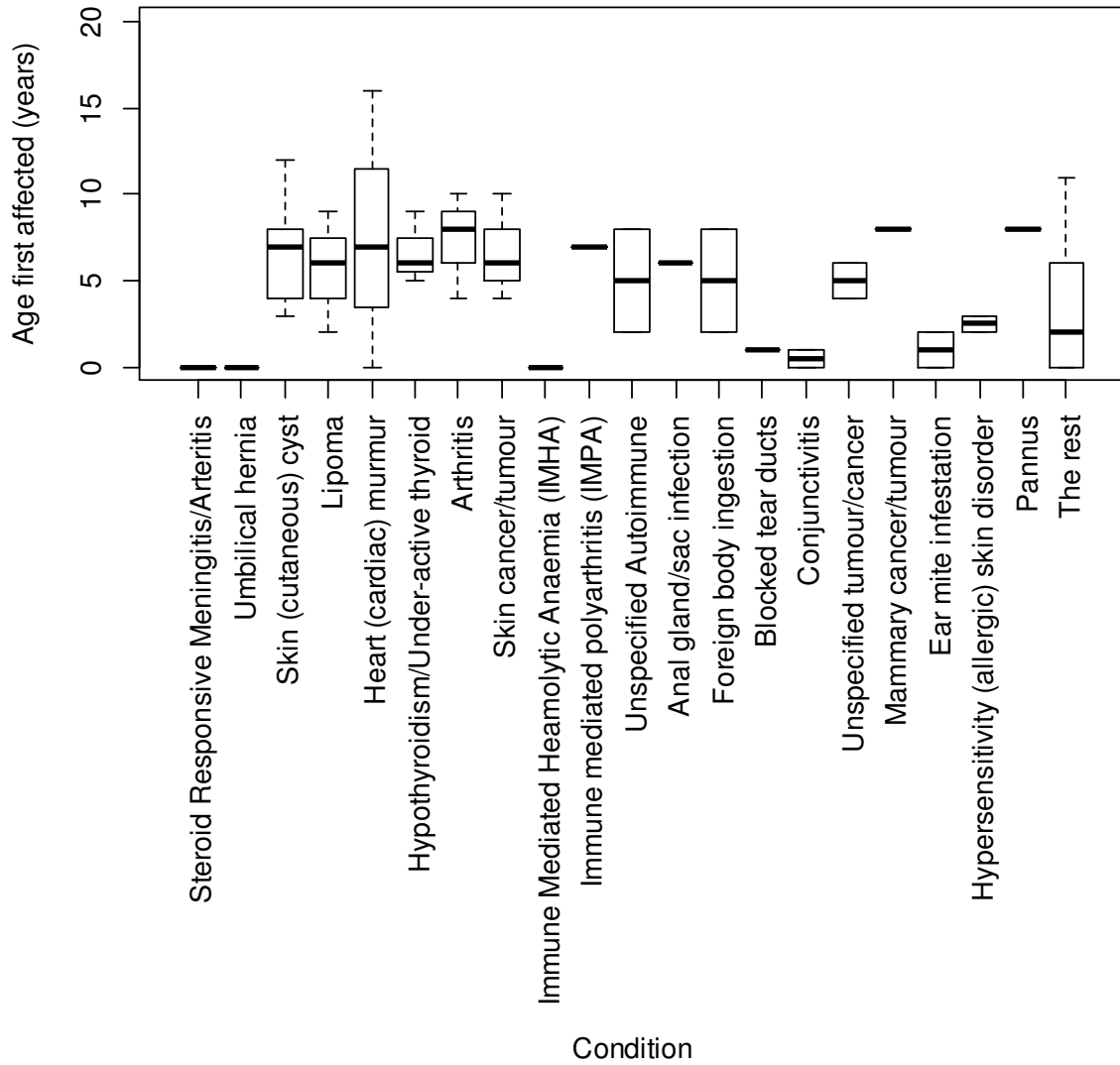


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 130 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Steroid Responsive Meningitis/Arteritis	7	7.45	5.38
Umbilical hernia	7	7.45	5.38
Skin (cutaneous) cyst	6	6.38	4.62
Lipoma	4	4.26	3.08
Arthritis	3	3.19	2.31
Heart (cardiac) murmur	3	3.19	2.31
Hypothyroidism/Under-active thyroid	3	3.19	2.31
Skin cancer/tumour	3	3.19	2.31
Anal gland/sac infection	2	2.13	1.54
Blocked tear ducts	2	2.13	1.54
Conjunctivitis	2	2.13	1.54
Ear mite infestation	2	2.13	1.54
Foreign body ingestion	2	2.13	1.54
Hypersensitivity (allergic) skin disorder	2	2.13	1.54
Immune Mediated Hemolytic Anaemia (IMHA)	2	2.13	1.54
Immune mediated polyarthritis (IMPA)	2	2.13	1.54
Mammary cancer/tumour	2	2.13	1.54
Unspecified Autoimmune	2	2.13	1.54
Unspecified tumour/cancer	2	2.13	1.54
Broken or rotting teeth	1	1.06	0.77

Proportion of morbidity as %= N/94 disease conditions, prevalence %= N/130 live dogs

Summary

From the dogs surveyed, most Nova Scotia Duck Tolling Retrievers were not affected by a disease condition (60.00 %). There were two reported disease conditions that represented an equal proportion of affected live dogs; these conditions were steroid responsive meningitis/arteritis and umbilical hernia. There were only three reported causes of death that represented an equal proportion of the deaths; these causes were cancer (unspecified), immune mediated haemolytic anaemia, and pneumonia.