

Report from the Kennel Club/
British Small Animal Veterinary Association
Scientific Committee

Summary results of the
Purebred Dog Health Survey
for Finnish Lapphunds

Warning: The results of this survey and particularly the breed-specific analyses should be interpreted with caution. The overall response rate was only 24% with breed-specific response rates from 4.5% to 64.7%.

Finnish Lapphunds

A total of 180 forms were sent out and 28 were returned, representing 48 live dogs. This breed had a 15.6% response rate (28/180) and it represented 0.20% of all returns (28/13,741).

Mortality data

A total of 5 deaths were reported and this represents 0.03% of all deaths reported in the survey (5/15,881). The median age at death for Finnish Lapphunds was 7 years and 4 months (min = 8 months, max = 10 years and 3 months) and this was lower than the overall median of 11 years and 3 months (Figure 1). Table 1 shows the causes of death for Finnish Lapphunds. Age at death is presented for the most common causes of death (Figure 2).

Table 1. Causes of death by organ system/category for Finnish Lapphunds.

Cause of death	N	%	Most common specific causes in descending order
1 Ocular	2	40.0	Progressive retinal atrophy (PRA); blindness
2 Cancer	1	20.0	Liver (type unspecified)
3 Cardiac	1	20.0	Heart failure
4 Gastrointestinal	1	20.0	Parvovirus
Total	5	100.0	

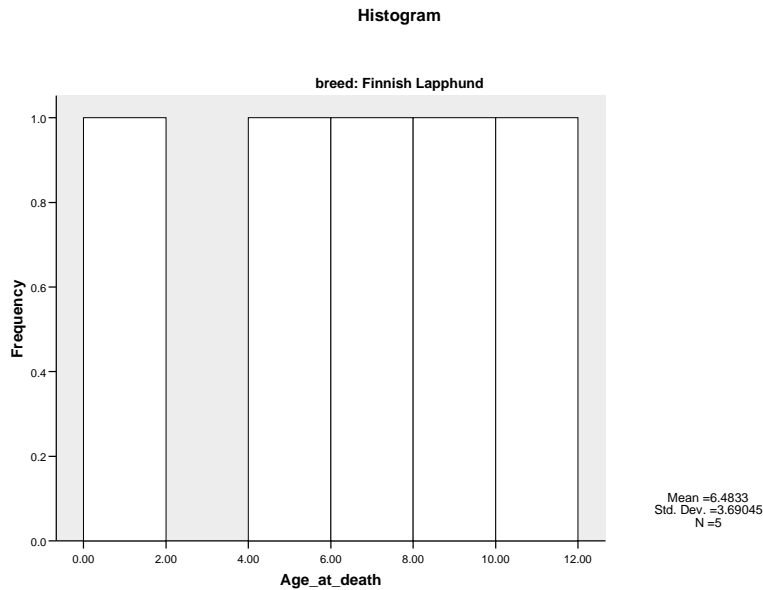


Figure 1. Histogram showing the frequency (as number of dogs) of age at death (in years) for the 5 Finnish Lapphund deaths with age at death reported.

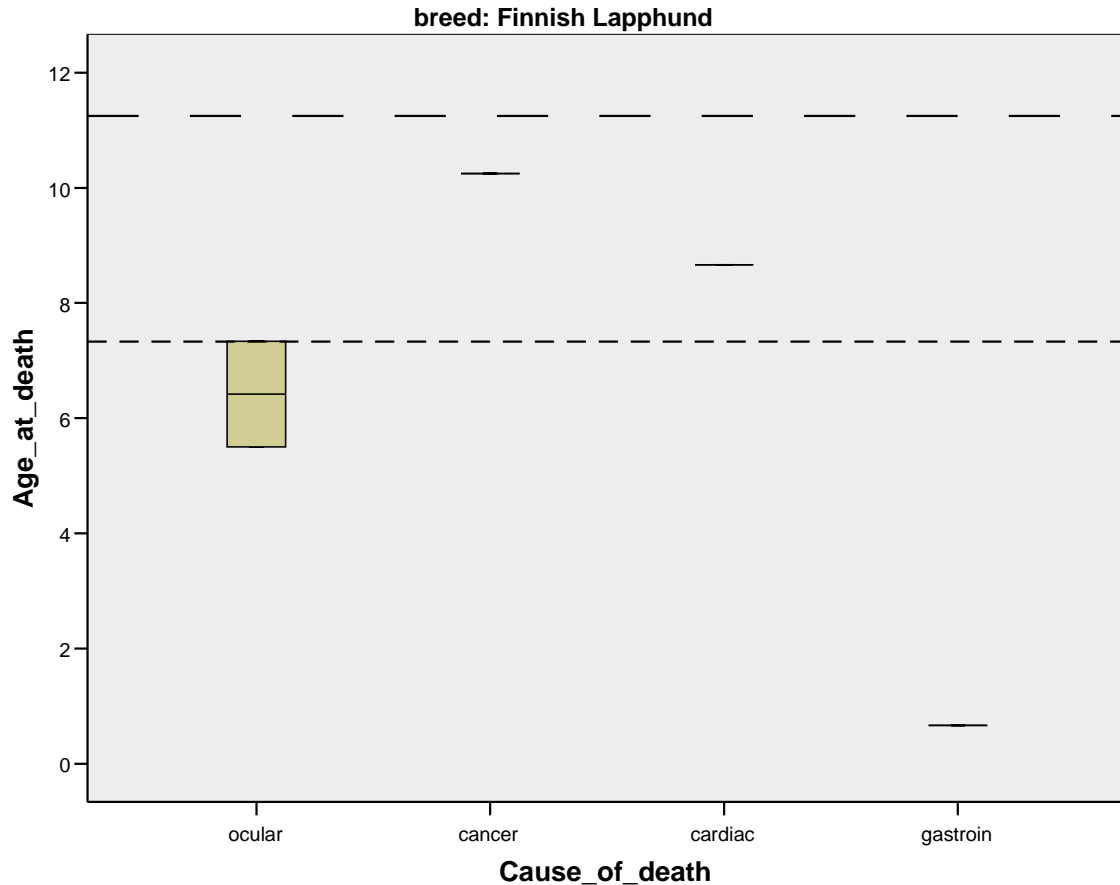


Figure 2. Box and whisker plot of age at death in years for the most common causes of death in Finnish Lapphunds (N=5). The dashed line (---) is the overall median age at death for all dogs in the survey and the dotted line (----) is the overall median age of death for Finnish Lapphunds. The solid line within each grey box represents the median age at death from the condition.

Morbidity data

The median current age of the 48 live dogs with a reported age was 3 years and 9 months (min=3 months, max=11 years and 5 months, Figure 3). Health information was reported for 48 live dogs of which 37 (77%) were healthy and 11 (23%) had at least one reported health condition, resulting in a total of 15 reported conditions with a median of 1 condition/dog (min=1, max=3).

The median current age of all healthy dogs with a reported age (N=37) was 2 years and 8 months (min=3 months, max=10 years and 9 months). The distribution of gender and neuter status is shown in Table 2.

The median current age of all dogs with one or more disease conditions and a reported age (N=11) was 5 years and 6 months (min=1 year and 5 months, max=11 years and 5 months). The median age at diagnosis for all disease occurrences with a reported age at diagnosis (N=14) was 2 years and 6 months (min= 1 year and 4 months, max= 6 years and 9 months, Figure 4). Table 3 shows the disease conditions for Finnish Lapphunds. Age at diagnosis is presented for the most common disease conditions (Figure 5).

Table 2. Distribution of gender and neuter status for 47 Finnish Lapphunds with reported gender and neuter status.

Gender	Neuter status		Totals
	Intact	Neutered	
Female	17	7	24 (51%)
Male	17	6	23 (49%)
Totals	34 (72%)	13 (28%)	47 (100%)

There was no association between gender and neuter status ($P=0.8135$).

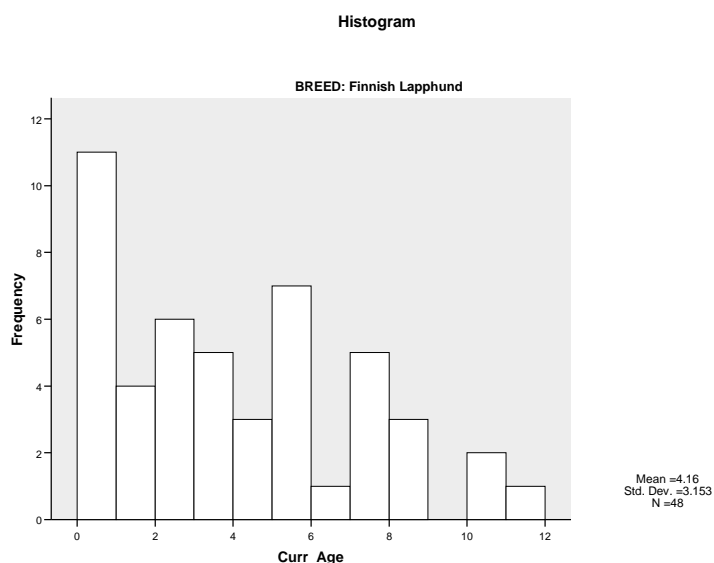


Figure 3. Histogram showing frequency of current age in years for the 48 live Finnish Lapphunds with age reported.

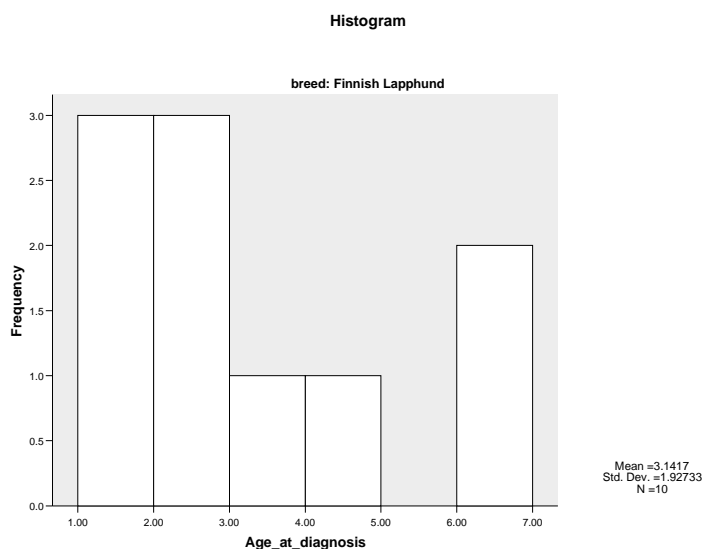


Figure 4. Histogram showing frequency of age at diagnosis for the 10 Finnish Lapphunds with one or more disease conditions, using the youngest age at which a disease condition was first reported for those dogs with more than one disease condition or episode.

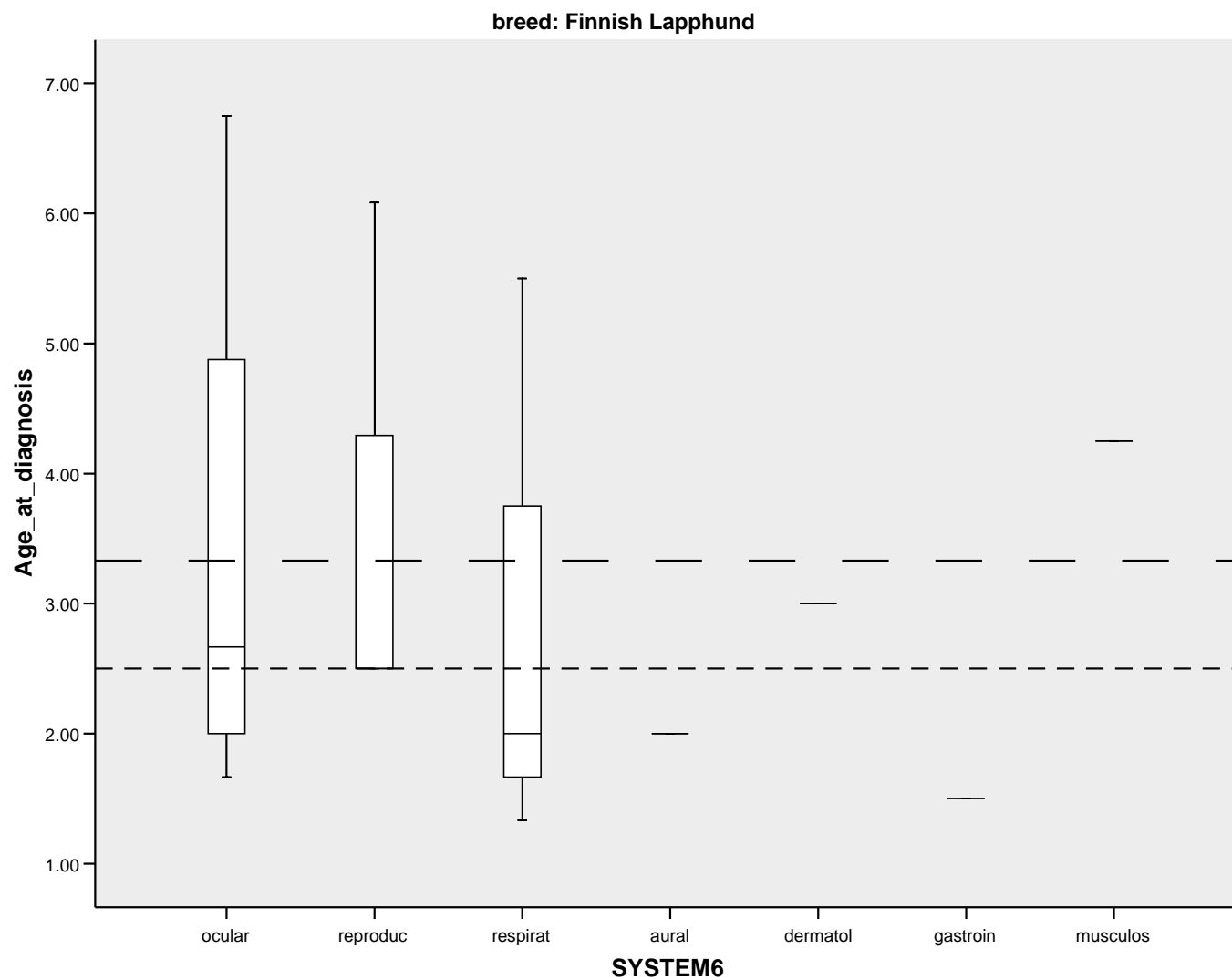


Figure 5. Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order for Finnish Lapphunds (N=11 dogs with 14 conditions with age reported). The dashed line (---) is the overall median age at diagnosis for all dogs in the survey and the dotted line (----) is the overall median age at diagnosis for Finnish Lapphunds. The solid line within each grey box represents the median age at diagnosis from the condition.

Table 3. Disease conditions by organ system/category for Finnish Lapphunds.

Disease condition	All conditions		Most common specific conditions in descending order
	N	%	
1 Ocular	4	26.7	Cataracts; persistent papillary membrane (PMM); PRA; corneal ulcer
2 Reproductive	3	20.0	Infertility; irregular heat cycles
3 Respiratory	3	20.0	Kennel cough; coughing
4 Aural	1	6.7	Otitis externa
5 Dermatologic	1	6.7	Dermatitis
6 Gastrointestinal	1	6.7	Loss of appetite
7 Musculoskeletal	1	6.7	Lameness (hindlimbs)
8 Other	1	6.7	Uncodeable
Total	15	100.0	

