

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

Summary results of the  
Purebred Dog Health Survey  
for the Basset Fauve de Bretagne breed

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%.

## The Basset Fauve de Bretagne breed

A total of 125 forms were sent out and 41 were returned, representing 84 live dogs. This breed had a 32.8 % response rate (41/125) and it represented 0.30% of all returns (41/13,741).

### **Mortality data**

A total of 15 deaths were reported and this represents 0.09 % of all deaths reported in the survey (15/15,881). The median age at death for the Basset Fauve de Bretagne breed was 10 years and 5 months (min = 11 months, max = 13 years and 11 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 the Basset Fauve de Bretagne breed. Age at death is presented for the most common causes of death (Figure 2).

Table 1. Causes of death by organ system/category for the Basset Fauve de Bretagne breed.

Cause of death	No. of deaths	% of deaths	Most common specific causes in descending order
1 Trauma	3	20.0	Road traffic accident
2 Cancer	2	13.3	Lung (type unspecified); oral (type unspecified)
3 Cardiac	2	13.3	Heart failure
4 Urologic	2	13.3	Chronic kidney failure
5 Behaviour	1	6.7	Unspecified
6 Neurologic	1	6.7	Spinal unspecified
7 Old age	1	6.7	Old age
8 Other	1	6.7	Uncodeable
9 Poisoning	1	6.7	
10 Sudden death	1	6.7	
Total	15	100.0	

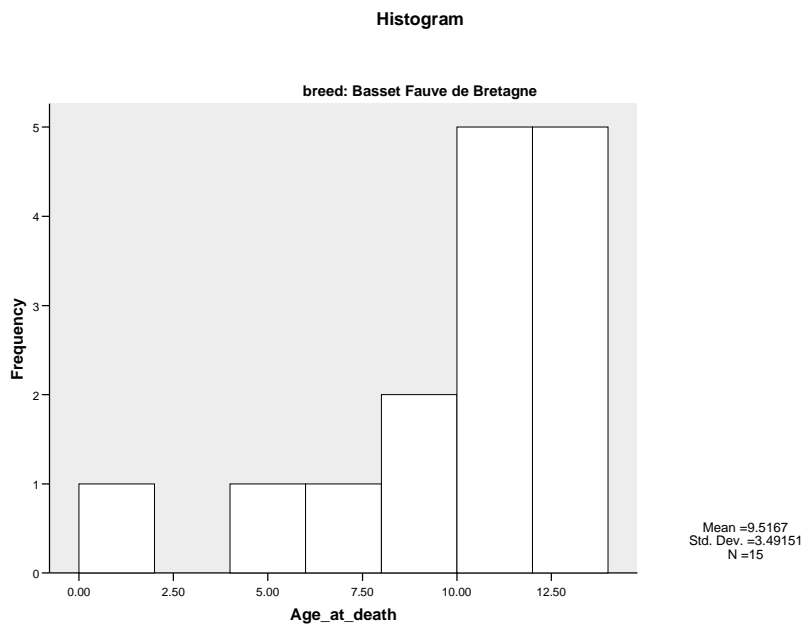


Figure 1. Histogram showing frequency (number of dogs) of age at death (in years) for the 15 Basset Fauve de Bretagne deaths with age at death reported.

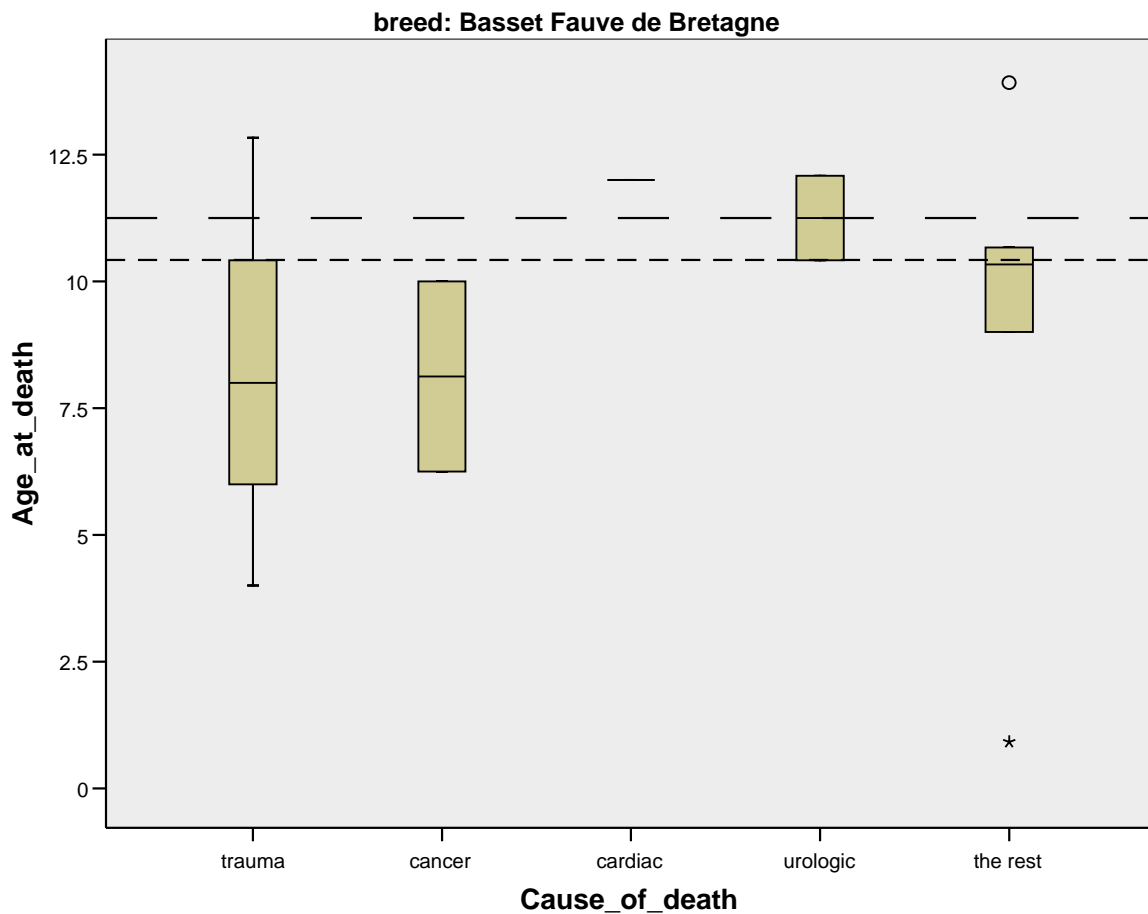


Figure 2. Box and whisker plot of age at death in years for the most common causes of death in the Basset Fauve de Bretagne breed (N=15). The dashed line (---) is the overall median age at death for all dogs in the survey and the dotted line (----) is the overall median age of death for the Basset Fauve de Bretagne breed. The solid line within each grey box represents the median age at death from the condition.

### Morbidity data

The median current age of the 84 live dogs with a reported age was 4 years and 8 months (min=4 months, max=14 years and 1 month, Figure 3). Health information was reported for 84 live dogs of which 58 (69%) were healthy and 26 (31%) had at least one reported health condition, resulting in a total of 38 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=58) was 3 years and 11 months (min=4 months, max=14 years and 1 month). 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=26) was 5 years and 8 months (min=6 months, max=12 years and 6 months). The median age at diagnosis for all disease occurrences with a reported age at diagnosis (N=37) was 3 years (min= 2 months, max= 10 years and 11 months, Figure 4). Table 3 shows the disease conditions for the Basset Fauve de Bretagne breed. Age at diagnosis is presented for the most common disease conditions (Figure 5).

Table 2. Distribution of gender and neuter status for 84 the Basset Fauve de Bretagne breed with reported gender and neuter status.

Gender	Neuter status		Totals
	Intact	Neutered	
Female	34	16	50 (60%)
Male	25	9	34 (40%)
Totals	59 (70%)	25 (30%)	84 (100%)

There was no association between gender and neuter status (P=0.5864).

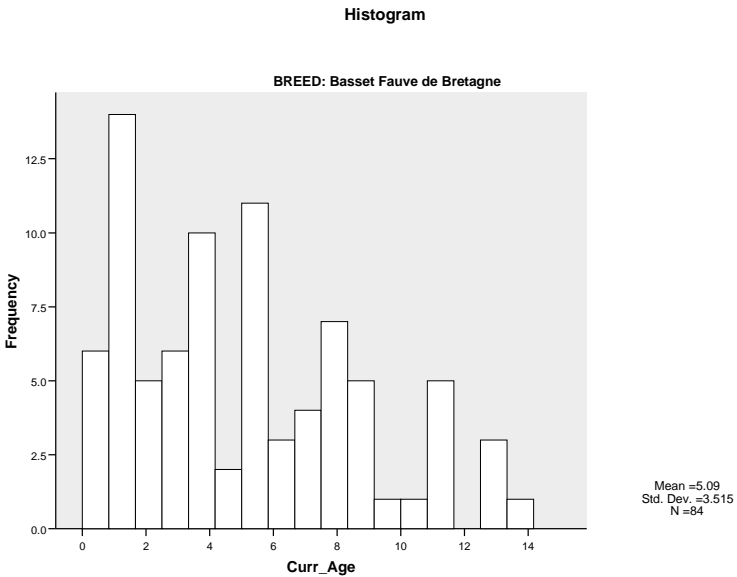


Figure 3. Histogram showing frequency of current age in years for the 84 live the Basset Fauve de Bretagne breed with age reported.

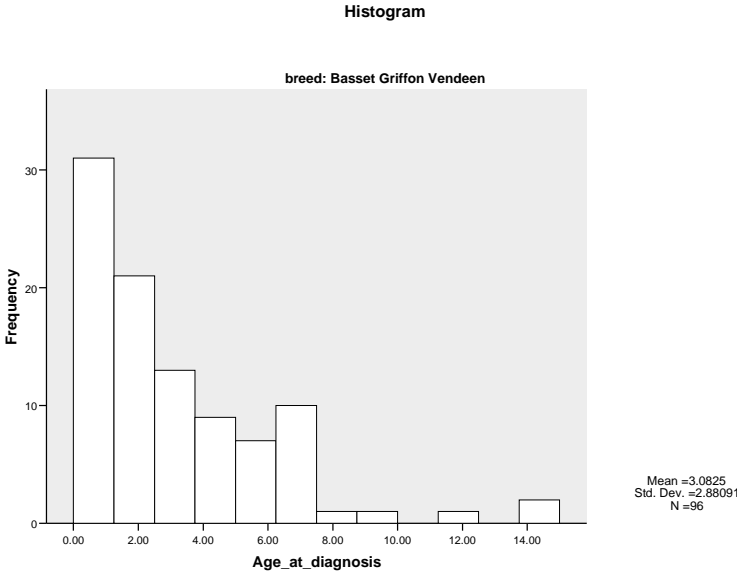


Figure 4. Histogram showing frequency of age at diagnosis for the 96 Basset Fauve de Bretagne breed with one or more disease conditions, using the youngest age at which a disease condition was first reported for those dogs with more than one disease condition or episode.

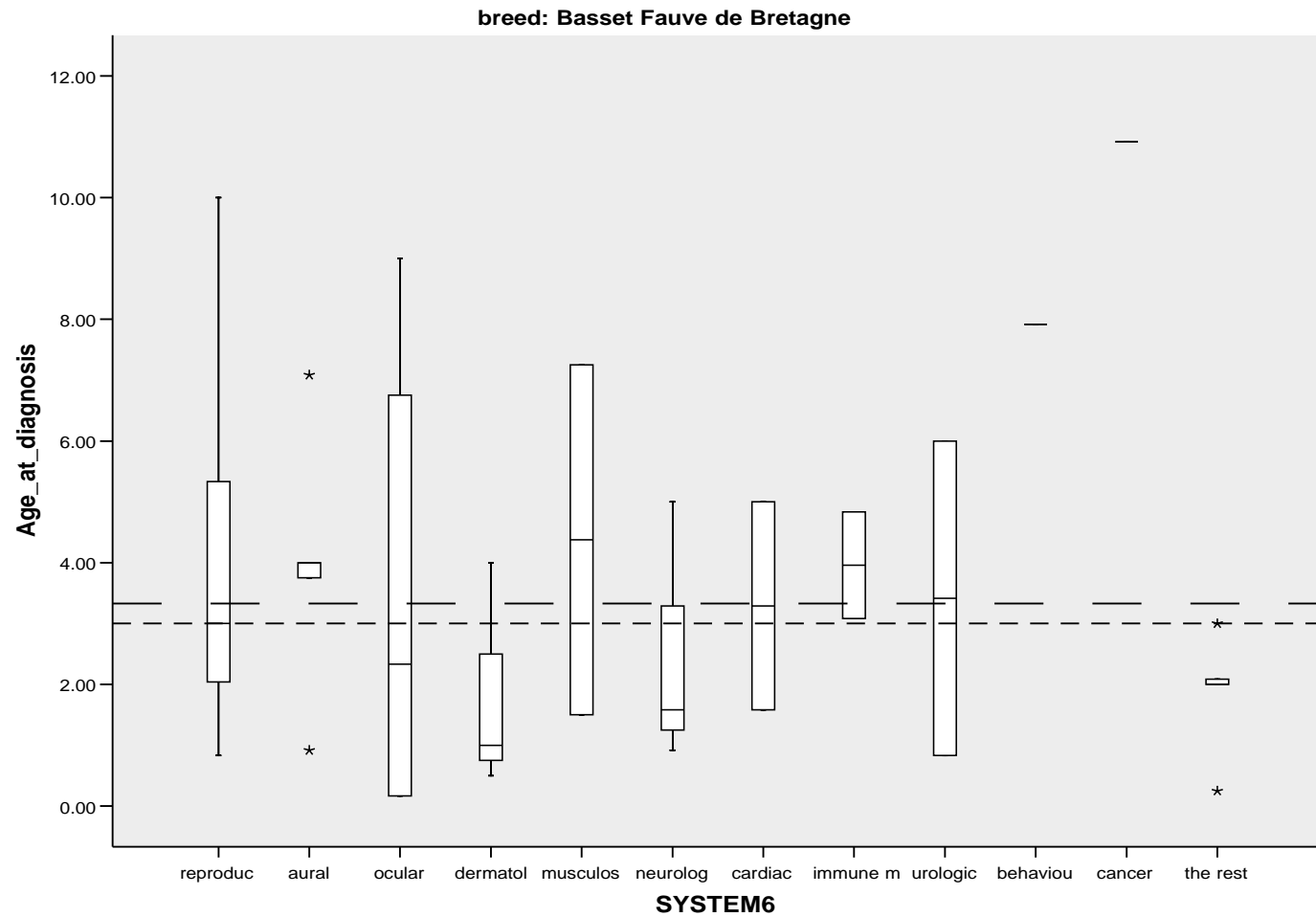


Figure 5. Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order for the Basset Fauve de Bretagne breed (N=37 conditions with age reported). The dashed line (---) is the overall median age at diagnosis for all dogs in the survey and the dotted line (----) is the overall median age at diagnosis for the Basset Fauve de Bretagne breed. 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 the Basset Fauve de Bretagne breed.

Disease condition	All conditions		Prevalence	Most common specific conditions in descending order
	N	%	%	
1 Reproductive	7	18.4	8.33	Pyometra, infertility, false pregnancy, cryptorchid, agalactia (milk failure)
2 Aural	5	13.2	5.95	Otitis media, otitis externa
3 Ocular	4	10.5	4.76	Corneal ulcer, cataract
4 Dermatologic	3	7.9	3.57	Dermatitis
5 Musculoskeletal	3	7.9	3.57	Bone malformation unspecified, arthritis
6 Neurologic	3	7.9	3.57	Seizures or fits or epilepsy idiopathic
7 Cardiac	2	5.3	2.38	Arrhythmia (heart rhythm disorder), heart murmur
8 Immune mediated	2	5.3	2.38	Dust mite allergy, gluten-sensitive enteropathy (allergy to wheat products)
9 Respiratory	2	5.3	2.38	Kennel cough
10 Urologic	2	5.3	2.38	Cystouroliths (bladder stones), cystitis (bladder infection)
11 Behaviour	1	2.6	1.19	Unspecified
12 Cancer	1	2.6	1.19	Type unspecified
13 Gastrointestinal	1	2.6	1.19	Pyloric stenosis
14 Trauma	1	2.6	1.19	Head or jaw
15 Unknown	1	2.6	1.19	Undiagnosed illness
Total	38	100.0	45.24	