

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

Summary results of the
Purebred Dog Health Survey
for the Affenpinscher 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 Affenpinscher breed

A total of 225 forms were sent out and 66 were returned, representing 202 live dogs. This breed had a 29.3 % response rate (66/225) and it represented 0.48% of all returns (66/13,741).

Mortality data

A total of 21 deaths were reported and this represents 0.13 % of all deaths reported in the survey (21/15,881). The median age at death for the Affenpinscher breed was 11 years and 5 months (min = 3 months, max = 15 years and 2 months) and this was similar to the overall median of 11 years and 3 months (Figure 1). Table 1 shows the causes of death for the Affenpinscher 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 Affenpinscher breed.

Cause of death	N	%	Most common specific causes in descending order
1 Old age	5	23.8	Old age
2 Urologic	4	19.0	Urethral obstruction, kidney failure (chronic>acute)
3 Combinations	3	14.3	
4 Cancer	2	9.5	Liver – type unspecified
5 Cardiac	2	9.5	Heart failure, heart attack
6 Hepatic	1	4.8	Liver disease unspecified
7 Immune mediated	1	4.8	Haemolytic anaemia
8 Musculoskeletal	1	4.8	Hip dysplasia
9 Respiratory	1	4.8	Choked
10 Trauma	1	4.8	
Total	21	100	

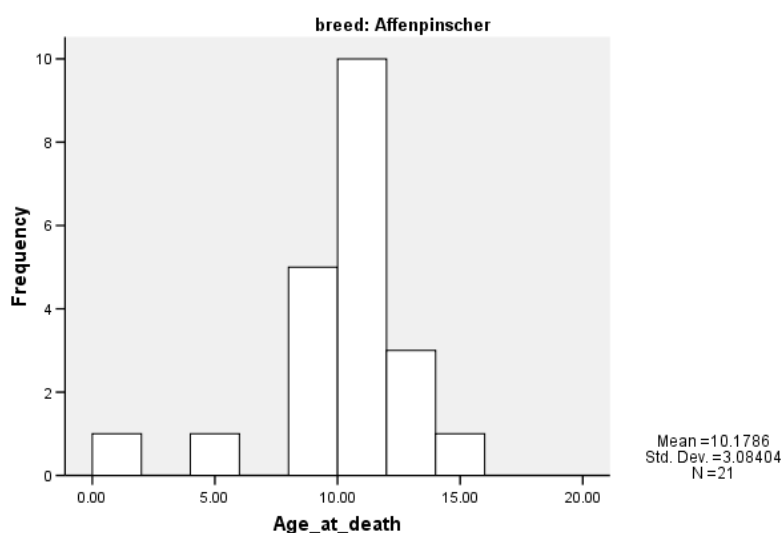


Figure 1. Histogram showing the frequency (as number of dogs) of age at death (in years) for the 21 Affenpinscher deaths with age at death reported.

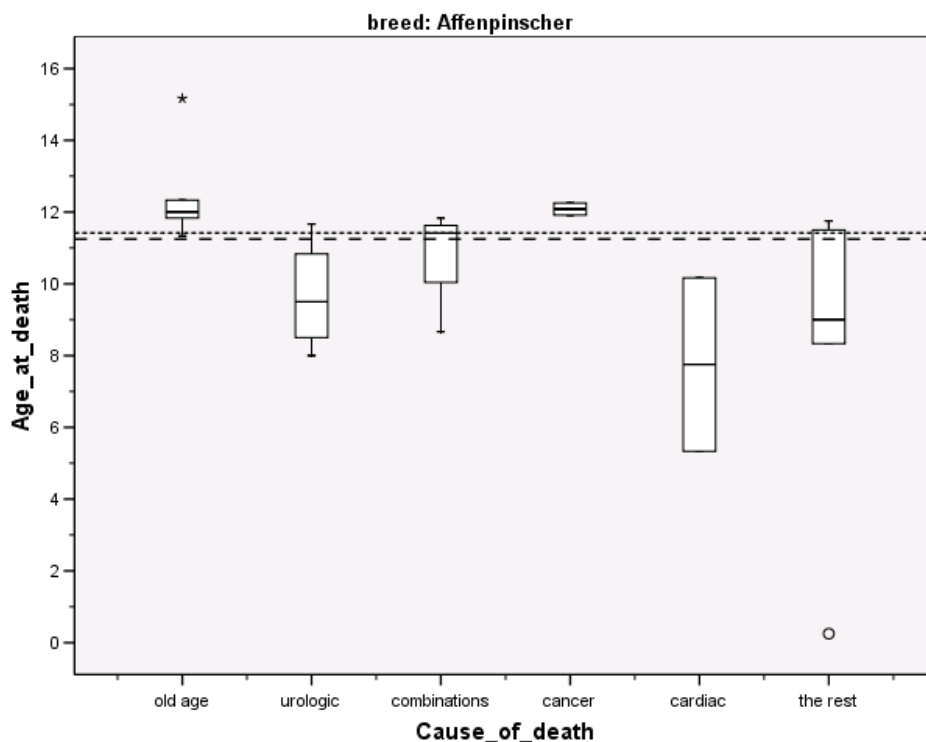


Figure 2. Box and whisker plot of age at death in years for the most common causes of death in the Affenpinscher breed (N=21). The dashed line (---) is the overall median age at death for all dogs in the survey and the dotted line (----) is the overall median age of death for the Affenpinscher breed. The solid line within each grey box represents the median age at death from the condition

Morbidity data

The median current age of the 202 live dogs with a reported age was 3 years and 2 months (min=2 months, max=14 years and 1 month, Figure 3). Health information was reported for 202 live dogs of which 131 (65%) were healthy and 71 (35%) had at least one reported health condition, resulting in a total of 101 reported conditions with a median of 1 condition/dog (min=1, max=4).

The median current age of all healthy dogs with a reported age (N=131) was 2 years and 9 months (min=2 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=71) was 4 years and 6 months (min=3 months, max=11 years and 10 months). The median age at diagnosis for all disease occurrences with a reported age at diagnosis (N=95) was 2 years (min= 3 months, max= 8 years and 6 months, Figure 4). Table 3 shows the disease conditions for the Affenpinscher breed. Age at diagnosis is presented for the most common disease conditions (Figure 5).

Table 2. Distribution of gender and neuter status for 201 the Affenpinscher breed with reported gender and neuter status.

Gender	Neuter status		Totals
	Intact	Neutered	
Female	102	20	122 (61%)
Male	58	21	79 (39%)
Totals	160 (80%)	41 (20%)	201 (100%)

There was no association between gender and neuter status ($P=0.08$).

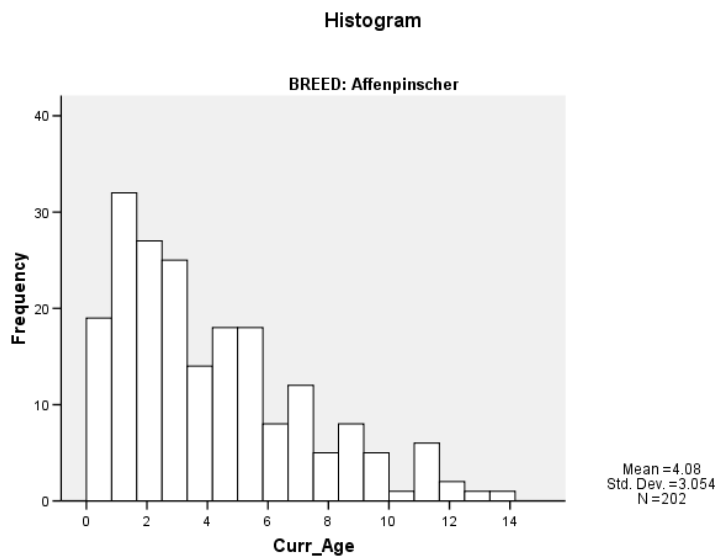


Figure 3. Histogram showing frequency of current age in years for the 202 live dogs in the Affenpinscher breed with age reported.

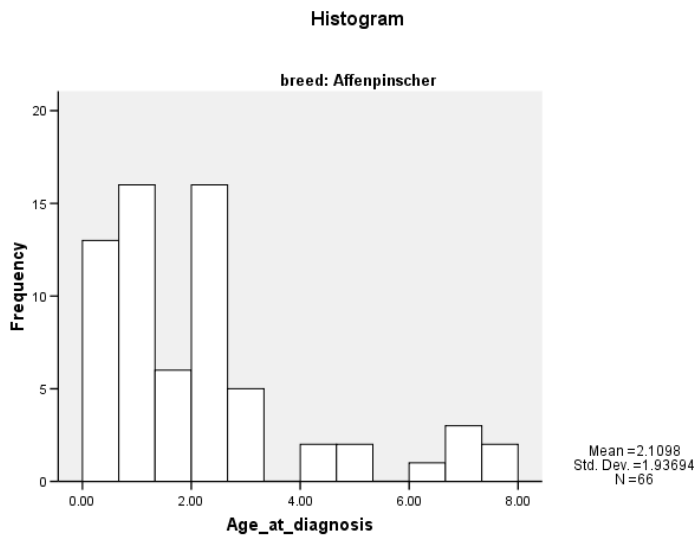


Figure 4. Histogram showing frequency of age at diagnosis for the 66 dogs in the Affenpinscher breed with one or more disease conditions, using the youngest age at which a disease condition was first reported for those dogs with more than one disease condition or episode.

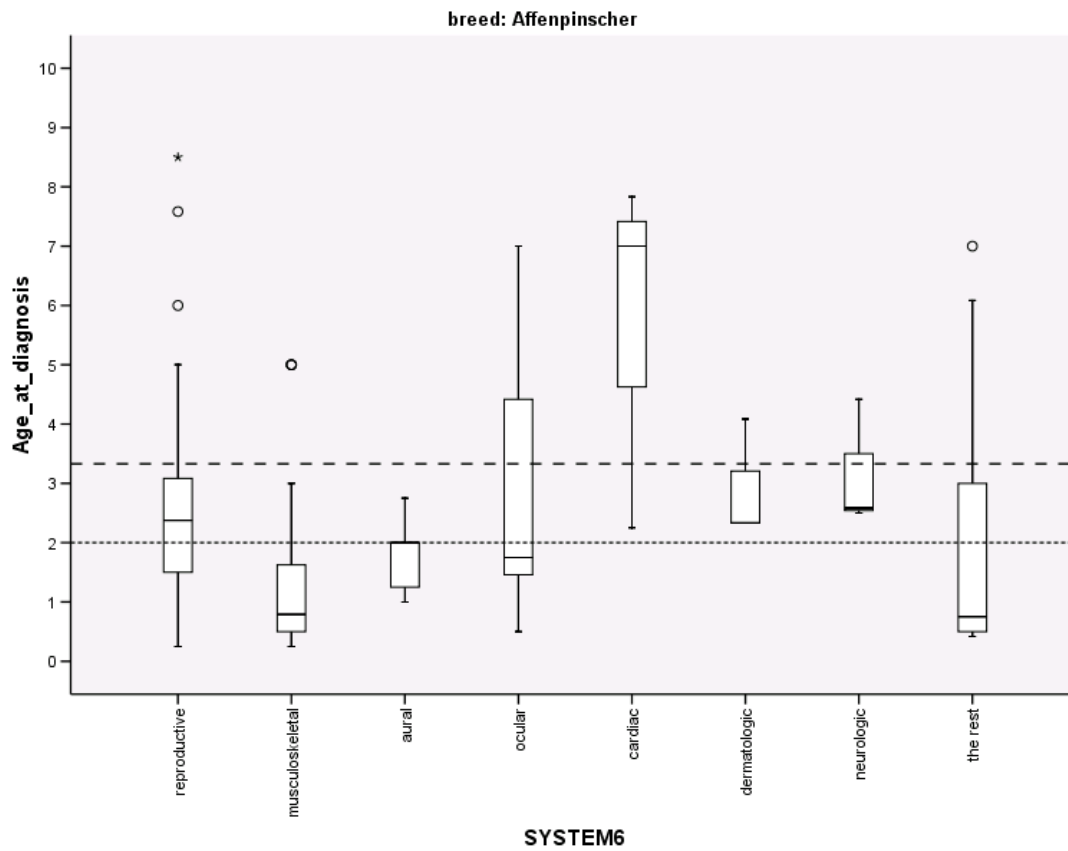


Figure 5. Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order for the Affenpinscher breed (N=71 dogs with 95 conditions with age reported). The dashed line (---) is the overall median age at diagnosis for all dogs in the survey and the dotted line (----) is the overall median age at diagnosis for the Affenpinscher 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 Affenpinscher breed.

Disease condition	All conditions		Most common specific conditions in descending order
	N	%	
1 Reproductive	26	25.7	Dystochia, spontaneous abortion, pyometra, prostatomegaly, infertility, false pregnancy, cryptorchid, caesarian section
2 Musculoskeletal	25	24.8	Patellar luxation, fracture, avascular necrosis FH, arthritis, hip dysplasia
3 Dental	12	11.9	Retained puppy teeth, dental disease
4 Aural	8	7.9	Otitis externa
5 Ocular	8	7.9	Corneal ulcer, PPM, trichiasis, conjunctivitis, cataracts
6 Respiratory	4	4.0	Tracheal collapse, noisy breathing, kennel cough
7 Cardiac	3	3.0	Heart murmur
8 Dermatologic	3	3.0	Dermatitis, hairloss
9 Neurologic	3	3.0	Seizures or fits or epilepsy idiopathic
10 Anal gland	2	2.0	Anal sacculitis (anal gland impaction or infection or removal)
11 Other	2	2.0	Umbilical hernia
12 Benign neoplasia	1	1.0	Myelofibroma
13 Endocrine	1	1.0	Diabetes mellitus
14 Immune mediated	1	1.0	Flea allergy
15 Unknown	1	1.0	
16 Urologic	1	1.0	Cystouroliths (bladder stones)
Total	101	100.0	

Reproductive: Dystochia – uterine inertia>physical blockage

Ocular: PPM=persistent pupillary membrane, trichiasis=ingrowing eyelashes