



## **Chihuahua (Smooth Coat)**

### **Pedigree Breed Health Survey**

Forms were received representing 128 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 Chihuahua (Smooth Coat) was 1 year to 3 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).

| <b>Cause of death</b> |
|-----------------------|
| Road Traffic Accident |
| Poison                |

#### **Morbidity results**

The 128 live Chihuahuas (Smooth Coat) represented 0.30% of total dogs in the survey. The median age of live dogs for the breed was 2 years (Table 2). Of the 128 Chihuahuas (Smooth Coat) which the survey covers, 100 had reported no conditions and 28 reported affected by at least one condition (min = 1 condition(s), max = 7 conditions), giving a total of 59 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Chihuahuas (Smooth Coat) are shown in Table 3. There were 90 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 2 years (min = 0 years, max= 10 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 Chihuahua (Smooth Coat).

**Table 2:** The summary statistics for the dogs' current age when survey was completed

| <b>Number of Dogs</b> | <b>Mean age (years)</b> | <b>Median age (years)</b> | <b>Min age (years)</b> | <b>Max age (years)</b> |
|-----------------------|-------------------------|---------------------------|------------------------|------------------------|
| 128                   | 2.875                   | 2                         | 0                      | 14                     |

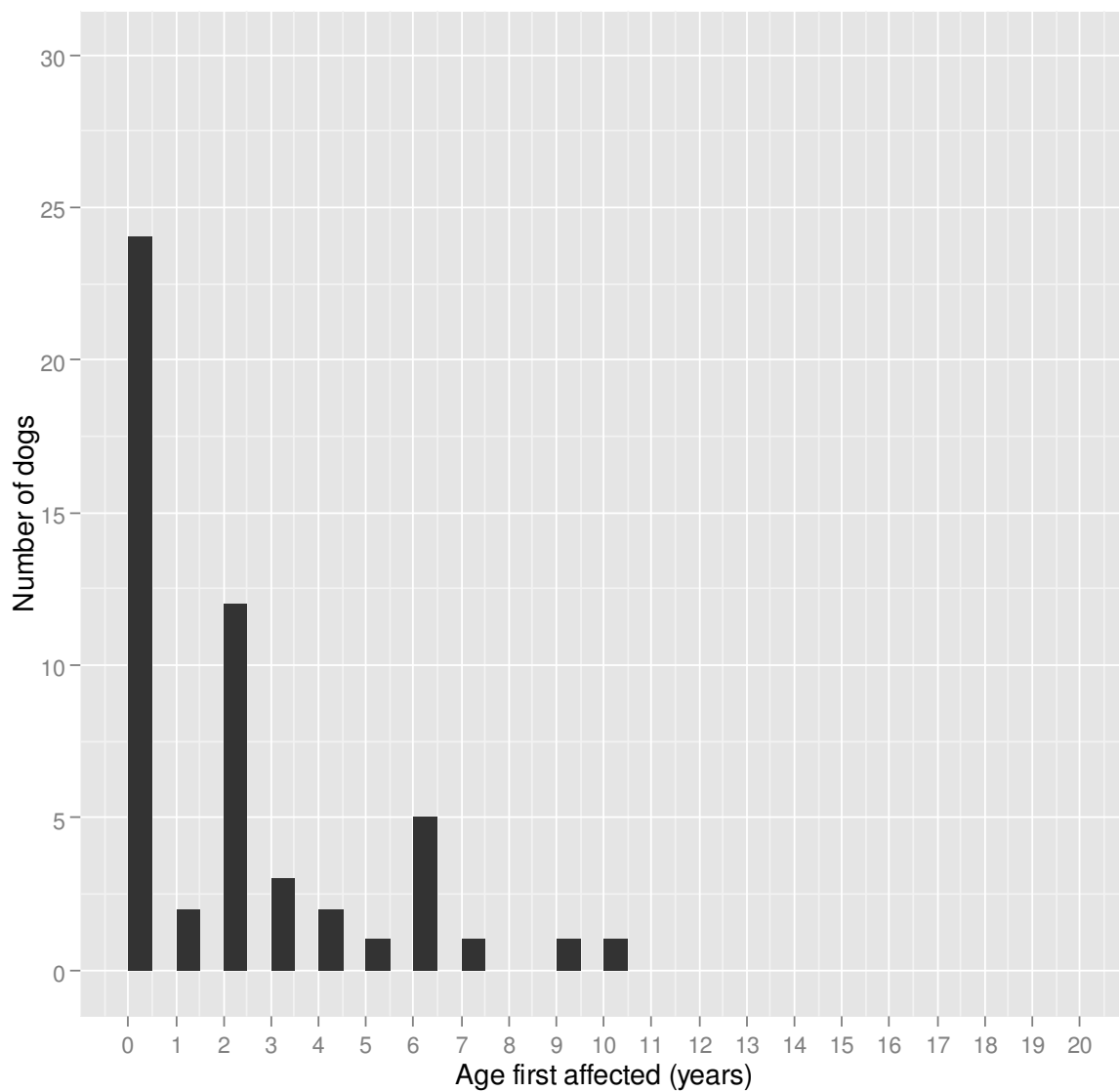
**Table 3:** Gender, neuter status and age summary statistics for dogs where gender and neuter status was reported

| <b>Sex</b> | <b>Neuter status</b> | <b>Age known</b> | <b>Count</b> | <b>Mean age neutered (years)</b> | <b>Median age neutered (years)</b> | <b>Min age neutered (years)</b> | <b>Max age neutered (years)</b> |
|------------|----------------------|------------------|--------------|----------------------------------|------------------------------------|---------------------------------|---------------------------------|
| Female     | Neutered             | Yes              | 22           | 1.27                             | 1                                  | 0                               | 8                               |

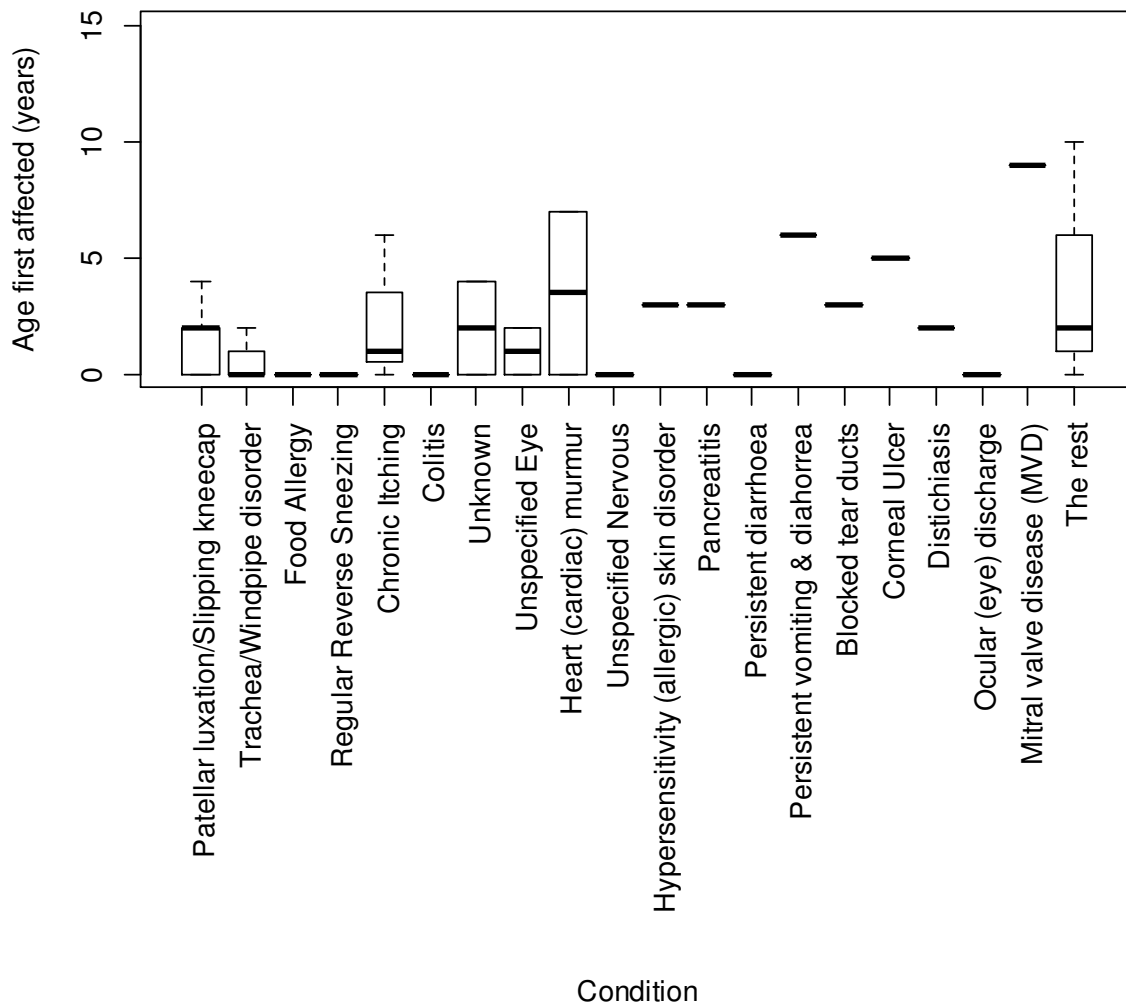
|        |              |     |    |      |    |    |    |
|--------|--------------|-----|----|------|----|----|----|
| Female | Not neutered | No  | 36 | NA   | NA | NA | NA |
| Male   | Neutered     | Yes | 34 | 0.62 | 0  | 0  | 4  |
| Male   | Not neutered | No  | 34 | NA   | NA | NA | NA |
| Male   | Unknown      | No  | 2  | 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 | 8     | 1.25             | 0.5                | 0               | 4               |
| Normal                     | 72    | 2.31             | 2                  | 0               | 13              |
| Somewhat overweight        | 9     | 3.11             | 4                  | 1               | 5               |
| Somewhat underweight       | 1     | 1.00             | 1                  | 1               | 1               |



**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 = 128 live dogs)

| Condition                                 | Number of cases of disease | Proportion (%) | Prevalence (%) |
|---|----------------------------|----------------|----------------|
| Patellar luxation/Slipping kneecap        | 7                          | 11.86          | 5.47           |
| Trachea/Windpipe disorder                 | 6                          | 10.17          | 4.69           |
| Food Allergy                              | 4                          | 6.78           | 3.13           |
| Regular Reverse Sneezing                  | 4                          | 6.78           | 3.13           |
| Chronic Itching                           | 3                          | 5.08           | 2.34           |
| Colitis                                   | 2                          | 3.39           | 1.56           |
| Heart (cardiac) murmur                    | 2                          | 3.39           | 1.56           |
| Hypersensitivity (allergic) skin disorder | 2                          | 3.39           | 1.56           |
| Unknown                                   | 2                          | 3.39           | 1.56           |
| Unspecified Eye                           | 2                          | 3.39           | 1.56           |
| Unspecified Nervous                       | 2                          | 3.39           | 1.56           |
| Back pain                                 | 1                          | 1.69           | 0.78           |
| Blocked tear ducts                        | 1                          | 1.69           | 0.78           |
| Blood present in urine                    | 1                          | 1.69           | 0.78           |
| Corneal Ulcer                             | 1                          | 1.69           | 0.78           |
| Cryptorchidism                            | 1                          | 1.69           | 0.78           |
| Dermatitis                                | 1                          | 1.69           | 0.78           |
| Distichiasis                              | 1                          | 1.69           | 0.78           |
| Epilepsy                                  | 1                          | 1.69           | 0.78           |
| Flea allergic dermatitis                  | 1                          | 1.69           | 0.78           |

Proportion of morbidity as %= N/59 disease conditions, prevalence %= N/128 live dogs

### **Summary**

From the dogs surveyed, most Chihuahuas (Smooth Coat) were not affected by a disease condition (78.13%). The most commonly reported disease condition in live dogs was patellar luxation/slipping kneecap. The most commonly reported cause of death was road traffic accident.