

# Causes of Death Around The World

## A Black & Tan Health Initiative

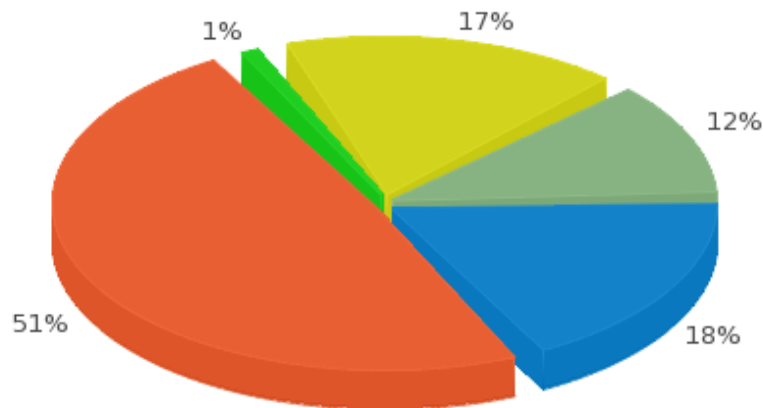
In an effort to help Manchester Terrier and English Toy Terrier breeders worldwide keep their finger on the pulse of breed health, Black & Tan is pleased to present an ongoing Mortality Survey. This anonymous survey, which consists of 8 simple questions (breed, sex, age, country, cause of death, etc.), was launched in September 2011. In only 7 months, the survey has collected data on over 100 dogs from around the globe. Information on these dogs is summarized on the following pages and updated statistics will be presented annually in Black & Tan Magazine. The data collected will also, over time, be helpful to individuals studying particular issues in the breed and may provide early evidence of developing problems across the population.

Want to take part? It couldn't be easier! Click the button below to visit the survey site, then enter information on dogs or puppies who have died since the year 1992. Remember: This tool is only as good as the information entered — that means we need your help to make it useful. The survey never closes, so if you own, have bred or know of a dog who passes away, be sure to encourage the owners to fill out the form.

### Black & Tan Mortality Survey

#### Results Summary

Total Responses:	107		
Toy Manchester Terriers (North America):	53	Males: 20	Females: 33
Standard Manchester Terriers (North America):	19	Males: 10	Females: 9
Variety Unknown (North America):	1	Males: 1	Females: 0
Manchester Terriers (KC/FCI):	18	Males: 11	Females: 7
English Toy Terriers (KC/FCI):	12	Males: 7	Females: 5



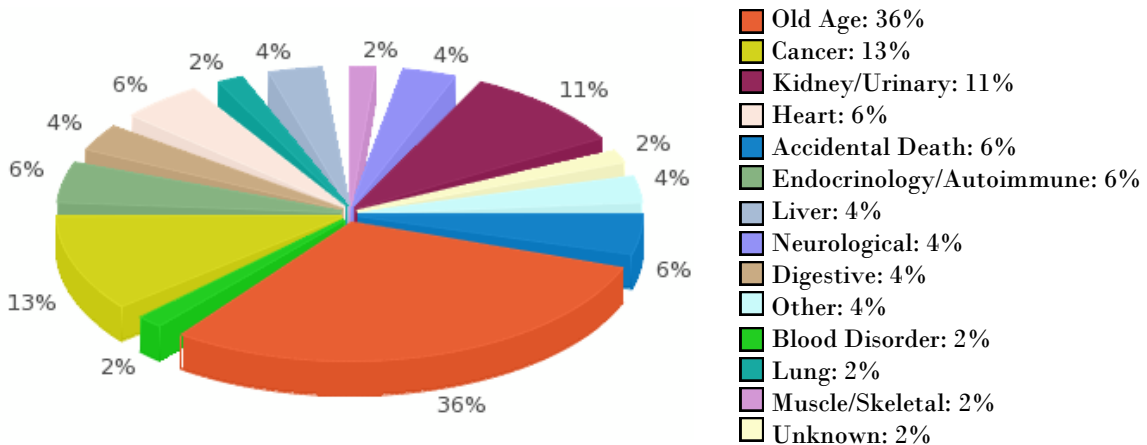
■ Toy Manchester  
 ■ Standard Manchester  
 ■ Unknown  
 ■ Manchester Terrier (KC/FCI)  
 ■ ETT

# Toy Manchester Terriers (53)

Median Age of Death*:	14 years	Euthanized:	58.5% (31)
Minimum:	8 weeks	Necropsies:	13.2% (7)
Maximum:	20 years		
Locations:	United States: 83%	Canada: 17%	

\*Accidental and Neonatal deaths (less than 8 weeks of age) not included in calculations of average ages.

## Causes of Death (Toy Manchester Terriers)



## Breakout Data

In this iteration, categories showing an incidence rate of 5% and above will be broken out in order to provide additional information. Analysis for additional categories would not be statistically relevant.

### Old Age (18)

- For the purposes of the survey, definition of “old age” was left open to participants.
- The average age of Toy Manchesters reported as dying of old age was 15 years, with a minimum age of 13 and a maximum age of 20.
- 63% (12) were females and 37% (7) were males.

### Cancer (7)

- Average age: 10 years (minimum age: 5; maximum age: 16)
- Type of cancer was identified for 6 of the 7 cases, with one response each for Lymphoma, Mammary Cancer, Mast Cell Tumour, Pancreatic Cancer, Squamous Cell Tumour and Cancer of the Jaw.
- No significant difference was noted in dispersal across sexes.

### Kidney/Urinary (6)

- Average age: 13.2 years (minimum age: 4; maximum age: 18)
- All responses were respondent-described using the “other” field as follows: 3 responses indicated chronic renal failure, one GI & Chronic Renal failure, one Protein-Losing Nephropathy, and one age-related kidney failure.
- No significant difference was noted in dispersal across sexes.

### Heart (3)

- Average age: 4.7 years (minimum age: 10 weeks; maximum age: 12 years)
- One response each for Juvenile Cardiomyopathy (JCM), Congestive Heart Failure and Chronic Fibrosing Myocarditis

### Endocrinology/Autoimmune (3)

- Average age: 11.5 years (minimum age: 11; maximum age: 12)
- Two responses indicated Cushing's Disease and one Diabetes (neo-natal: 6 wks, not included in calc. of avg age)

### Accidental Death (3)

- Average age: 11.5 years (minimum age: 5 months; maximum age: 10 years)
- One response for Hit by Car. "Other" field reported one case each of taken by bird and fatal injury from dog bite.

## **Standard Manchester Terriers (19)**

Average Age of Death\*: 11.5 years

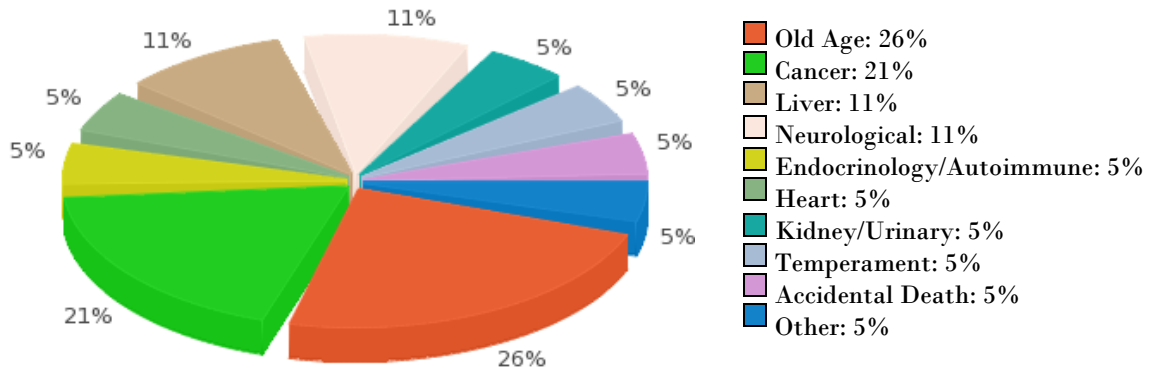
Minimum: 5 years

Maximum: 17 years

Locations: United States: 89.5% Canada: 10.5%

Euthanized: 73.7% (14)

Necropsies: 10.5% (2)



### **Breakout Data**

In this iteration, categories showing an incidence rate of 15% and above will be broken out in order to provide additional information. Analysis for additional categories would not be statistically relevant.

### Old Age (5)

- For the purposes of the survey, definition of "old age" was left open to participants
- The average age of Standard Manchesters reported as dying of old age was 14.4 years, with a minimum age of 11 and a maximum age of 17
- 60% (3) were males and 40% (2) were females

### Cancer (4)

- Average age: 11 years (minimum age: 10; maximum age: 14)
- Two responses each for Leukemia and Lymphoma
- 75% (3) were males

## Manchester Terriers—KC/FCI (18)

Median Age of Death\*: 6 years

Minimum: 2 years

Maximum: 17 years

Locations: Australia: 11%

Finland: 11%

Norway: 33.5%

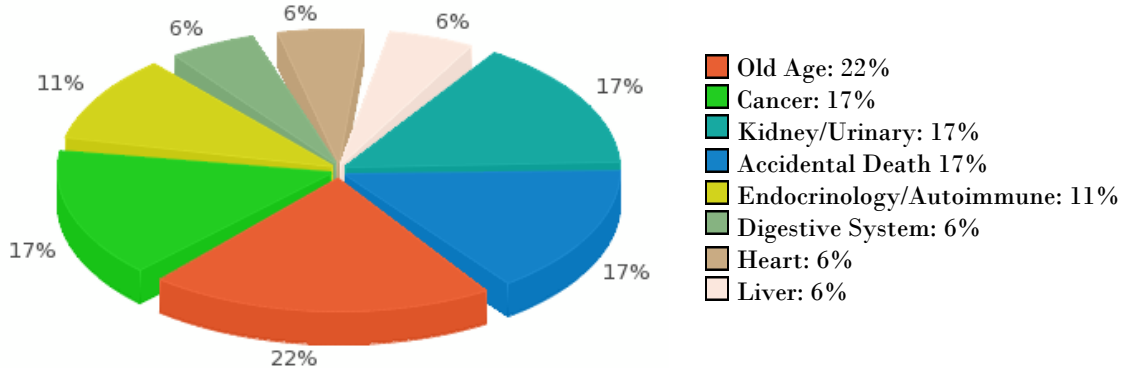
Spain: 5.5%

Euthanized: 77.8% (14)

Necropsies: 5.5% (1)

United Kingdom: 33.5%

Netherlands: 5.5%



Breakout Data

In this iteration, categories showing an incidence rate of 15% and above will be broken out in order to provide additional information. Analysis for additional categories would not be statistically relevant.

### Old Age (4)

- For the purposes of the survey, definition of “old age” was left open to participants.
- The average age of Manchester Terrier (KC/FCI) reported as dying of old age was 15.5 years, with a minimum age of 13 and a maximum age of 17.
- 75% (3) were males and 25% (1) were females.

### Cancer (3)

- Average age: 9 years (minimum age: 6; maximum age: 12)
- Type of cancer was identified for 2 of the 3 cases, with one response each for Lymphoma and one under other indicating cancer of the spleen.
- All 3 cases were found in females.

### Kidney/Urinary (3)

- Average age: 7 years (minimum age: 4; maximum age: 12)
- One response indicated renal dysplasia, with two additional causes listed under other as kidney failure complicated by infection and kidney damage resulting from an accident.
- No significant difference was noted in dispersal across sexes.

### Accidental Death (3)

- Average age: 3.5 years (minimum age: 2; maximum age: 5)
- All 3 dogs were hit by cars.

*\*Note: While median age of death was higher for the top three conditions, the other issues listed in lower numbers tended to occur in younger dogs resulting in a low median age of death overall. Accidental deaths not included in this calculation.*

## English Toy Terriers (12)

Median Age of Death\*: 12 years

Minimum: 1.5 years

Maximum: 16 years

Locations: Australia: 8%

Finland: 17%

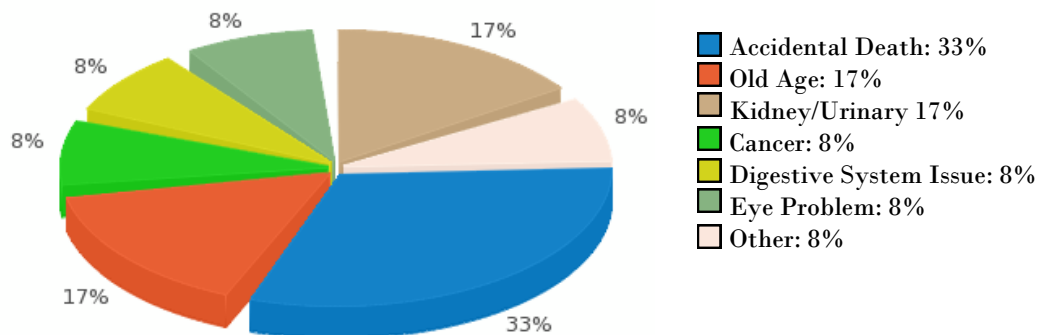
Norway: 25%

Sweden: 17%

Euthanized: 67% (8)

Necropsies: 8% (1)

United Kingdom: 33.5%



Breakout Data

In this iteration, categories showing an incidence rate of 20% and above will be broken out in order to provide additional information. Analysis for additional categories would not be statistically relevant.

### Accidental Death (4)

- The average age of English Toy Terriers reported as dying of accidental death was 3.9 years, with a minimum age of 1.5 and a maximum age of 10.
- 1 ETT was hit by a car, 2 were poisoned and one had a broken leg.
- 75% (3) were males and 25% (1) were females.

## You Can Help!

Help promote the Mortality Survey by adding a link to your website!



Graphic Banners can be downloaded at [www.e-blackandtan.com](http://www.e-blackandtan.com)