

Causes of death of owned dogs in Umbria Region from 2006 to 2015

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INTRODUCTION

Diseases, accidents and causes of death are coded according of the tenth revision (ICD-10) of the International Statistical Classification of Diseases and Related Health Problems). The aim of this work was to identify the dog population died in Umbria, to identify the "macro causes" of death and classify them according to the sectors included in ICD.

MATERIAL & METHODS

The data on the population of deceased dogs in Umbria from 2006 to 2015 have been obtained from regional registries managed by the Veterinary and Food Information System (SIVA). A descriptive analysis was made by gender, FCI (Fédération Cynologique Internationale) recognized breeds and age of dogs.

RESULTS

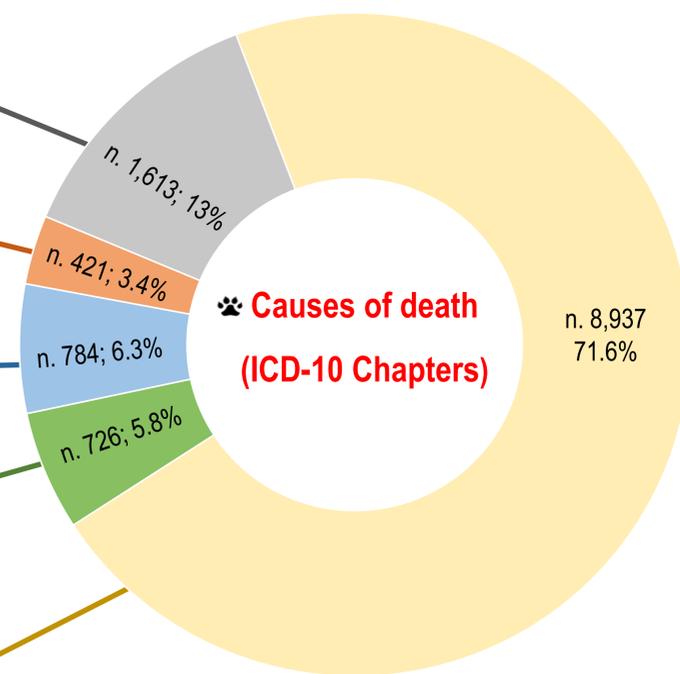
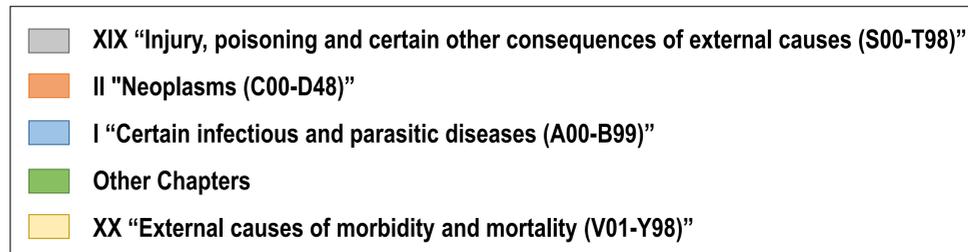
Dog with reported specific causes of death: n. 12,481 (16.5%)

- * Poisoning or suspected poisoning n. 1,398 (86.7%)
- * Traumatic injuries n. 98 (6.1%)
- * Other external causes n. 117 (7.2%)

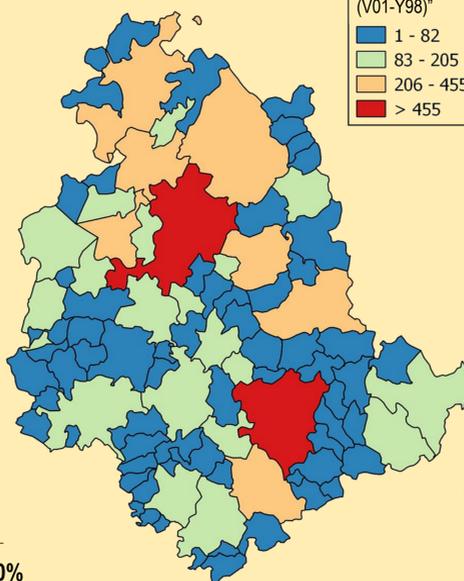
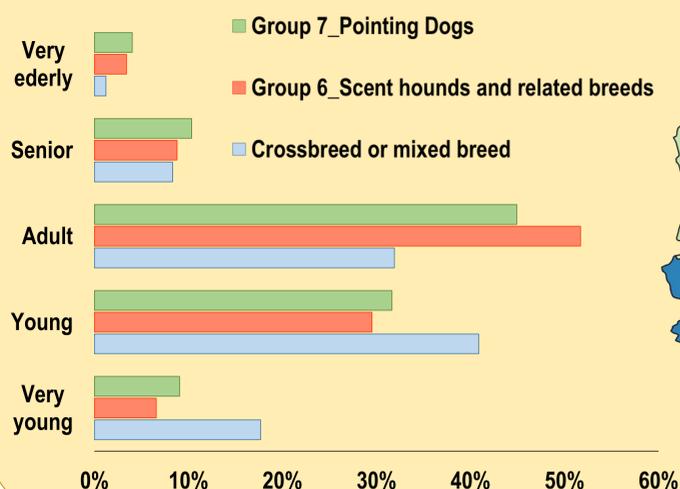
- * Unspecified tumor n. 268 (63.7%)
- * Mammary tumor n. 28 (6.6%)
- * Other neoplasms n. 125 (29.7%)

- * Leishmaniasis n. 378 (48.2%)
- * Gastroenteritis n. 340 (43.4%)
- * Other infectious and parasitic disease n. 66 (8.4%)

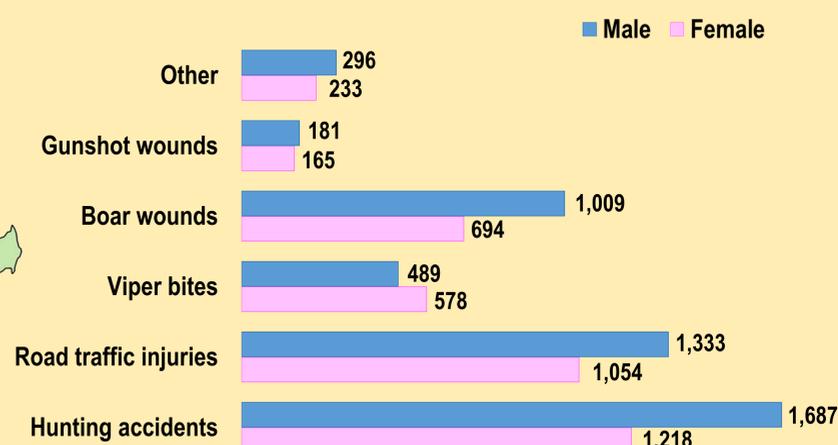
- * Diseases of the circulatory system Chapter IX (I00-I99) n. 260 (35.8%)
- * Diseases of the digestive system Chapter XI (K00-K93) n. 189 (26%)
- * Other Chapters n. 277 (38.2%)



Age and breed



ICD-10 items of Chapter XX



CONCLUSIONS

The registration of a high number of deaths from traumatic causes shows a conspicuous presence in Umbria of dogs belonging to FCI breeds used for hunting or mestizos derived from these breeds, especially for dogs of Group 6, it appears that hunting accidents (including deaths from injuries from gunshot wounds and wild boar wounds) are the most frequent causes of death. Crossbreeds or mixed breed dogs are principally deceased due to accidents, road accidents and attacks by other dogs, this would suggest a lower regard for these dogs compared to the attention that can be given to a purebred dog.

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