



CHIRPP

Canadian Hospitals Injury Reporting and Prevention Program

DOG BITE RELATED INJURIES.
FROM BRITISH COLUMBIA'S CHILDREN'S HOSPITAL
CHIRPP Database, for the year 2002 in all ages.

WHAT IS CHIRPP:

CHIRPP is a computerized information system that collects and analyzes data on injuries to people (mainly children) who are seen at the emergency department of ten pediatric and five general hospitals in Canada. Data collection began in April 1990 at the pediatric hospitals and between 1991 and 1994 in the general hospitals. CHIRPP is a program of the Injury and Child Maltreatment Section, Health Surveillance and Epidemiology Division of Health Canada. See the last section for suggested reference and reporting information on CHIRPP data.

LIMITATIONS OF CHIRPP DATA:

This report is based on information from British Columbia's CHIRPP Database. It is important to note that the injuries described herein do **NOT** represent all injuries in Canada ----- only those seen at the emergency department of **British Columbia's Children's Hospital**. Since the bulk of CHIRPP data comes from pediatric hospitals located in major urban areas, the following groups are under-represented in terms of injuries suffered: older teenagers and adults seen at general hospitals, native people, and people living in rural areas. Fatal injuries are also under-represented unless they died in the emergency department.

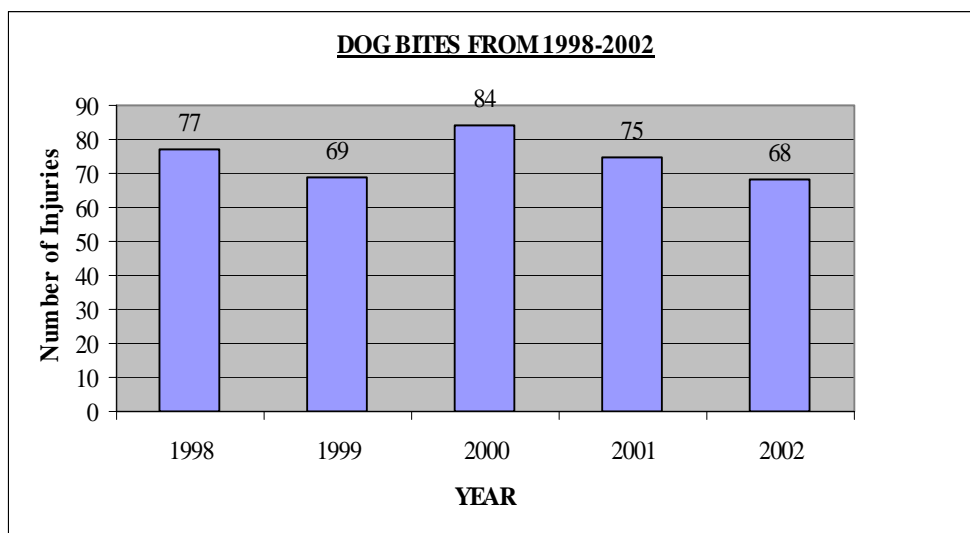
SUMMARY: (68)

Dog bite injuries were sustained most frequently among 5-9 year olds (40%) and (65%) were males. The injury occurred in their own home (32%). Playing with the dog was the activity that caused the most injuries (35%). The majority of patients (47%) required medical follow up after the injury.

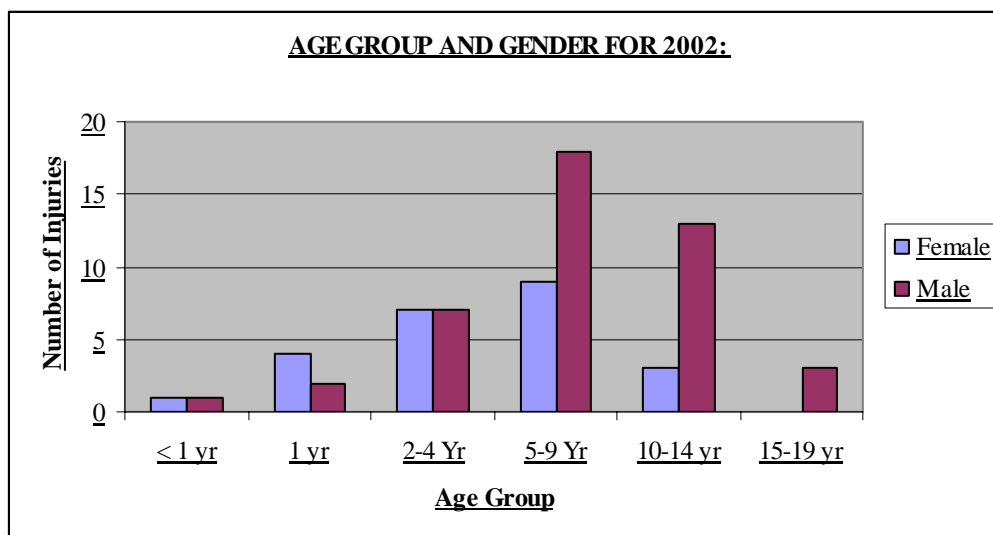
SPECIFICATIONS OF THE SEARCH:

In May 2004, a search of the CHIRPP database (96334 records) for the year 2002 was conducted. There was no age restriction. Records were selected if they contained the factor code for dog (1301) and the nature of injury code for bite (22). Only records where the dog bit the patient were included. Total number of records selected was 68.

DOG BITE INJURIES FROM 1998-2002:



AGE AND SEX DISTRIBUTION:



LOCATION (WHERE INJURY OCCURRED)

Location	Area	Number	Percent
Own house		22	32%
Unspecified	8		
Garden/yard	3		
Living room	3		
Kitchen	2		
Hall	1		
Basement	1		
Office	1		
Balcony	1		

Escalator/elevator	1		
Sidewalk	1		
Other house,		18	26%
Unspecified	8		
Living room	5		
Garden/yard	2		
Kitchen	2		
Sidewalk	1		
Unspecified place		11	16%
Unspecified area	9		
Garden/yard	1		
Sidewalk	1		
Other		9	13%
Public Park		8	12%
Unspecified area	8		
Total		68	100%

CONTEXT (What they were doing at the time of the injury):

Context	Number	Percent
Playing	24	35%
Missing	14	21%
Other activity	12	18%
Walking/running/crawling	11	16%
Passive (sitting, standing)	3	4%
Quarrel, fight, aggression, riot	2	3%
Bicyclist	1	1%
In vehicle	1	1%
Total	68	100%

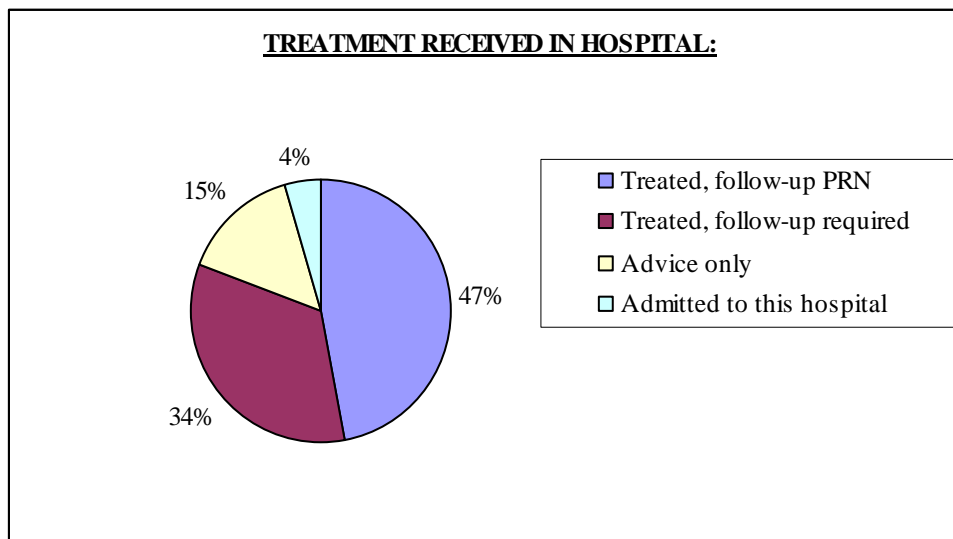
NATURE OF FIRST INJURY AND BODY PART INJURED¹

Nature of First Injury	Body Part	Total	Percent
Bite		52	76%
Face	21		
Hand	5		
Forearm	5		
Lower leg	4		
Fingers	4		
Thigh	2		
Neck	2		
Upper arm	2		
Wrist	1		
Head	1		
Abdomen	1		

Shoulder	1		
Foot	1		
Knee	1		
Unspecified	1		
Open wound		8	12%
Face	6		
Hand	1		
Foot	1		
Superficial		8	12%
Face	3		
Hand	2		
External genitalia	1		
Hip	1		
Lower leg	1		
Total		68	100%

¹ Up to three injuries and body parts can be entered per record; only the most severe injury is indicated in the above table.

TREATMENT RECEIVED IN THE EMERGENCY DEPARTMENT:



SUGGESTED REFERENCE AND REPORTING INFORMATION.

This report and data from it may be copied and circulated freely, provided that the source is acknowledged. The following citation is recommended:

Injury data obtained from the database of the British Columbia's Children's Hospital, Canadian Hospitals Injury Reporting and Prevention Program (CHIRPP), Health Canada.

For additional information in the CHIRPP program, please contact the Injury and Child Maltreatment Section, Health Surveillance and Epidemiology Division, Health Canada by phone at (613) 954-3324, by FAX at (613) 941-9927 or visit our website at: www.hc-sc.gc.ca/pphb-dgspsp/injury-bles/chirpp/injrep-rapbles/index.html.