



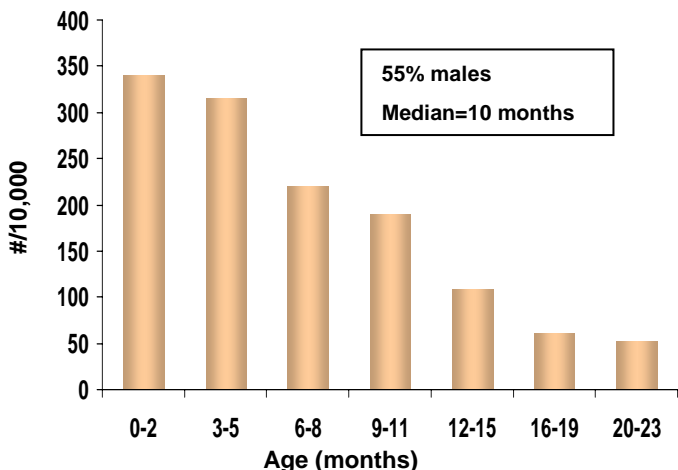
# DATA SAMPLER

## STROLLER RELATED HEAD & FACE INJURIES

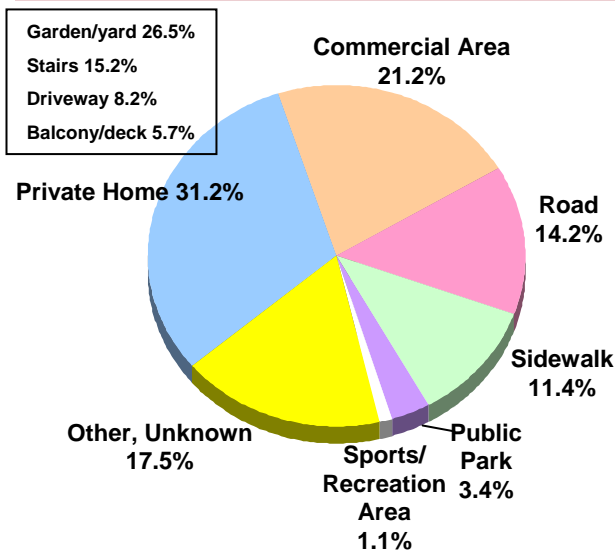
CHIRPP database, cumulative to October 2002, 0-23 months—1,751 records.

### AGE DISTRIBUTION

Number of cases per 10,000 CHIRPP records in each age group



### LOCATION OF INJURY



### NATURE OF HEAD AND FACE INJURIES

Head (N=982)	% of all head injuries
Minor closed head injury	76.0
Scalp bruise/abrasion/laceration	10.6
Skull fracture	7.8
Concussion	4.9
Intracranial	0.3
Scalp burn (coffee, cigarette)	0.2
<b>Total</b>	<b>100.0</b>

Face (N=769)	% of all facial injuries
Bruise/abrasion/laceration	94.0
Dental	2.7
Eye	2.3
Burn (coffee, cigarette)	0.5
Fracture	0.4
Blood vessel	0.1
<b>Total</b>	<b>100.0</b>

### HIGHLIGHTS

- among 0-23 month olds, 78% of all stroller-related injuries are to the head and face
- approximately 20% of all nursery product-related injuries in CHIRPP (all ages and injury types) involved strollers
- direct cause of the injury was the ground/surface in 88% of cases, the stroller in 2.9% and a vehicle in 2.7%
- in cases where safety belt use was known (n=195), 62.6% were using the belt
- there are a myriad of circumstances involved in stroller-related head and face injuries, however fall-outs (53.8%), tip-overs (13.7%) and runaways (14.2%) account for about 82% of all cases
- about 13% of head injuries were serious (concussions, skull fractures, intracranial)
- 4.1% of children were admitted to hospital; however this varied by age with 10.6% of young infants (0-2 months) being admitted

For additional information on the CHIRPP program, please contact the Injury & Child Maltreatment Section, by phone at (613) 957-4689, by FAX at (613) 941-9927 or visit our website at <http://www.phac-aspc.gc.ca/injury-bles/>

