

INJURY DATA COLLECTION PROGRAM 1997-98

INJURY DATA COLLECTION PROGRAM

FACT SHEET

When a review of the Injury Data Collection Program (IDCP) is done, there are several factors considered:

- The total number of players, registered and non-registered in Ontario.
- The total number of games played and therefore the exposure of each player to ice time over hockey season.

Ontario Registration Figures for 1997-98

Registered Players.....204,546

Non-Registered Players.....213,000

417,546

- The Hockey Development Centre would like to acknowledge the support of the Dr. Tom Pa Safety Fund for providing assistance in the areas of education and prevention of hockey-rel

INTRODUCTION

In 1987, the Hockey Development Centre for Ontario (HDCO) and the Ministry of Tourism and committed themselves to the long-term planning and implementation of safety programs for ho of various types has been completed over the past nine years with many recommendations eitl already or included in the HDCO's Safety Strategy. This Safety Strategy is the basic framewor safety by the HDCO.

Over the past nine years it has become increasingly apparent that statistical information is ess planning, monitoring and implementing programs for hockey in Ontario. Unless detailed injury gathered, many misconceptions and opinions will enter into the decision making process. The HDCO's mandate that hockey in Ontario requires an on going, statistically sound Injury Data C (IDCP).

The HDCO Safety and Research and Trainers Committees developed an Injury Data Collection has several advantages over previous studies:

- The IDCP is administered on a yearly basis.
- Involvement is province-wide, including all minor hockey associations.
- Yearly reports are produced, which are meaningful and comprehensive for the grassroots h association and volunteers.
- The IDCP will assist in verifying other hockey-related studies.

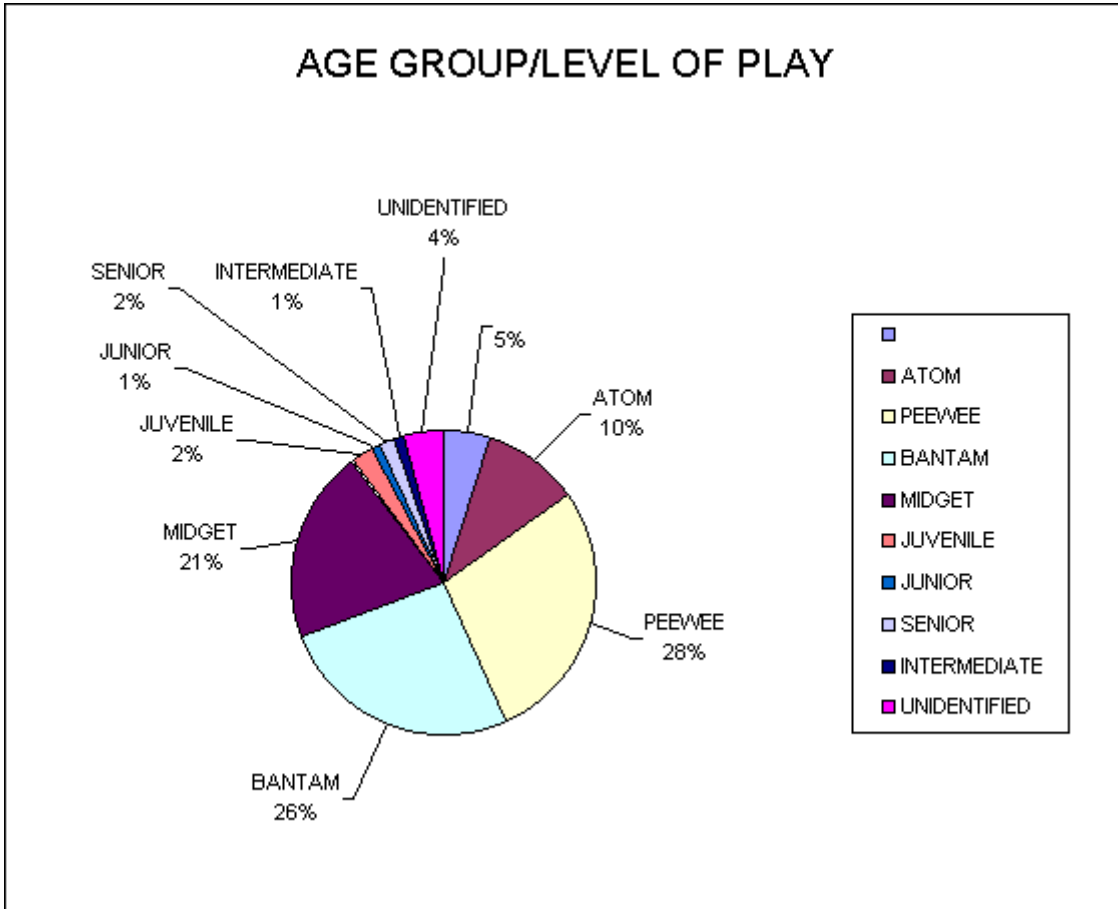
METHODOLOGY

Through consultation with the HDCO Board of Directors, Safety Research Committee, Trainers the Ministry of Citizenship, Culture and Recreation, formerly the Ministry of Culture, Tourism ar methodology was established. This methodology includes the mass distribution of injury data c through the ten member association offices, development clinics specifically the Hockey Traine Program. Reporting periods are from September 1st to May 1st, with all reports being tabulatec office.

All completed forms are date entered using a specific data entry screen developed in Microsoft Excel database applications.

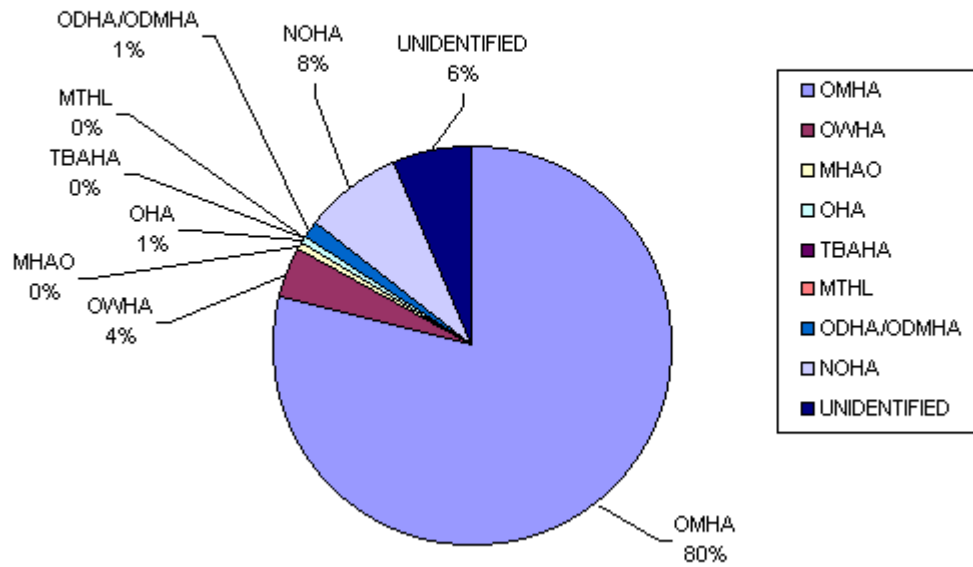
 [Back to Top](#)

Total: 1299



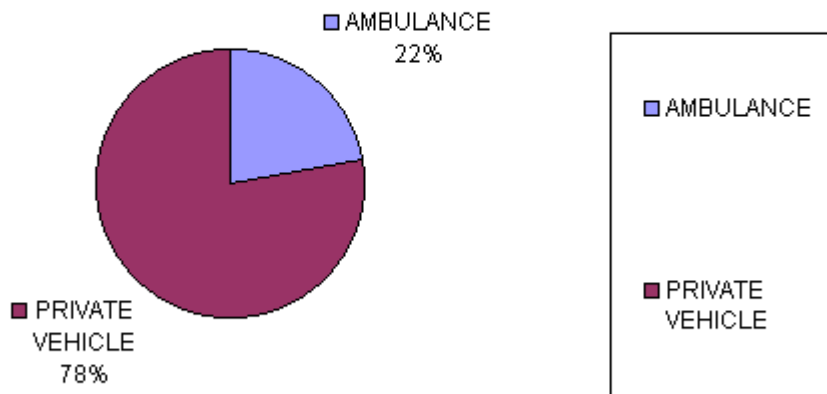
Total: 1299

REPORTS BY ASSOCIATION

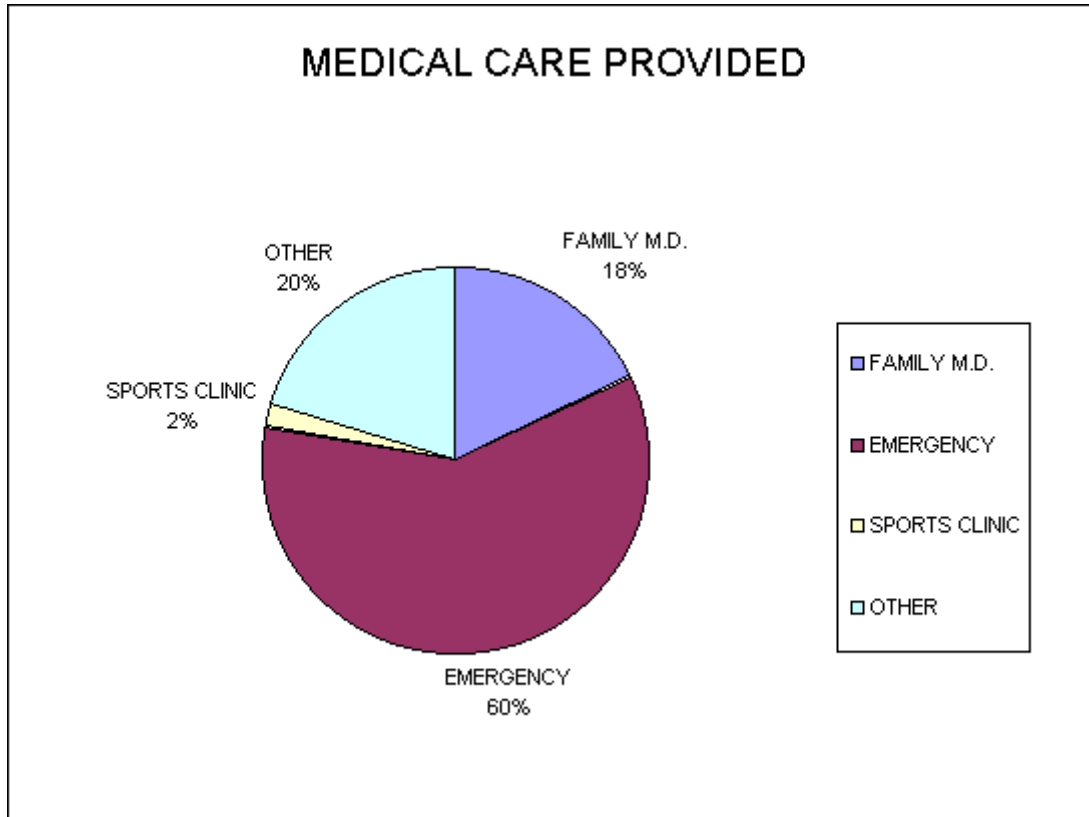


Total: 796

MODE OF TRANSPORTATION

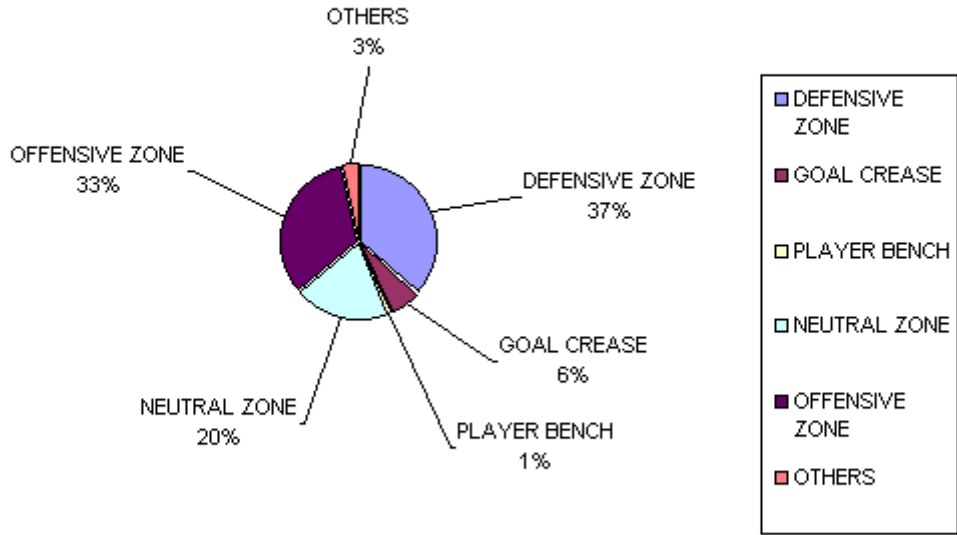


Total:260

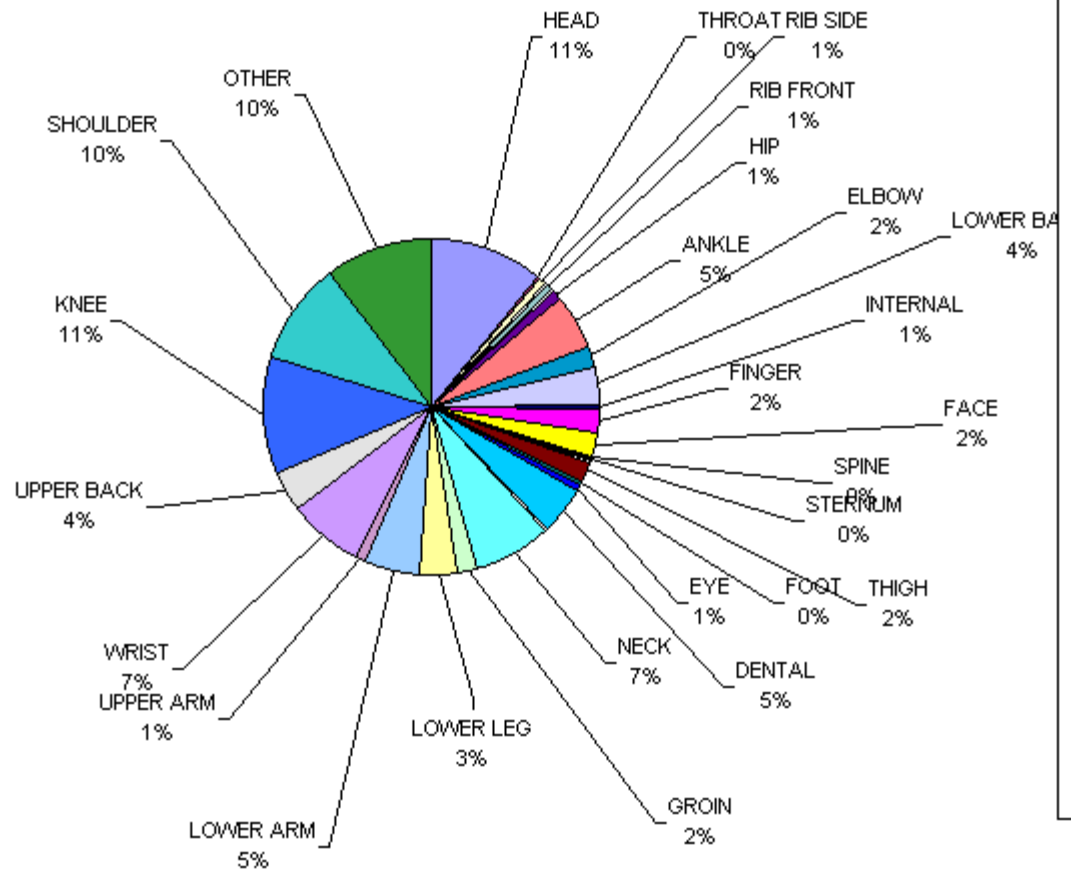


Total:1250

ICE LOCATION OF INJURY

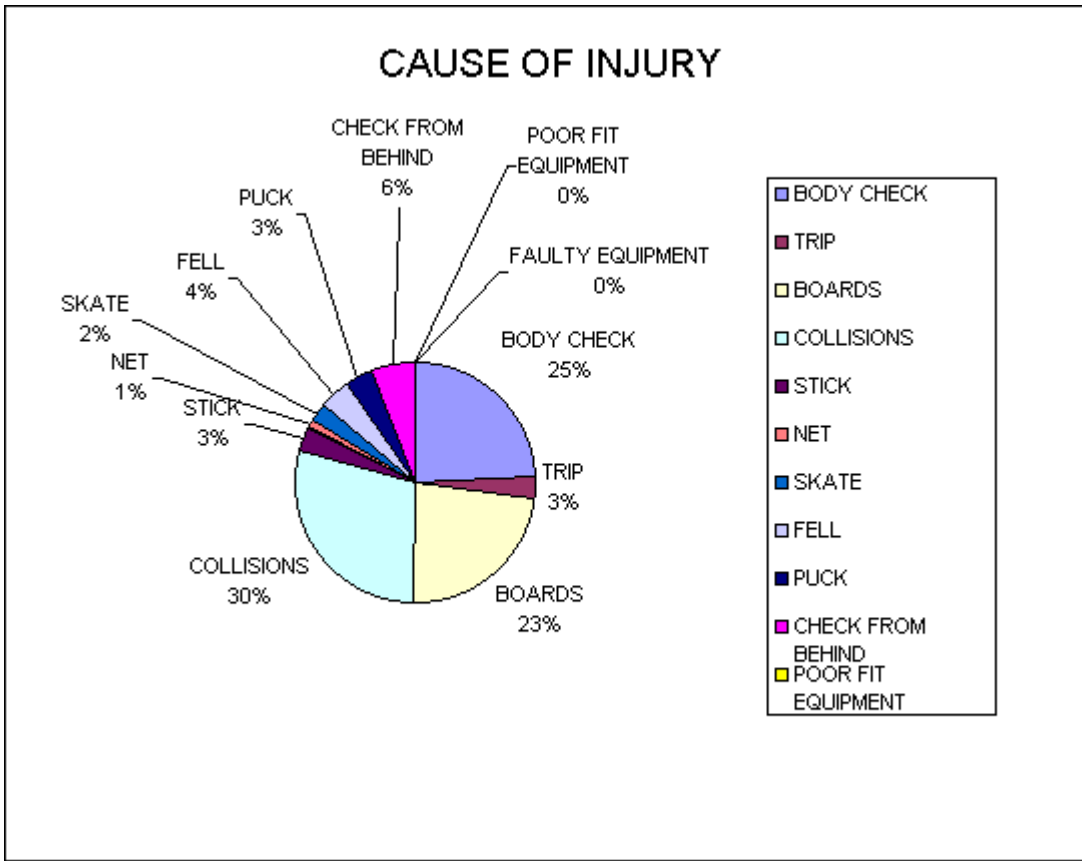


LOCATION OF INJURY

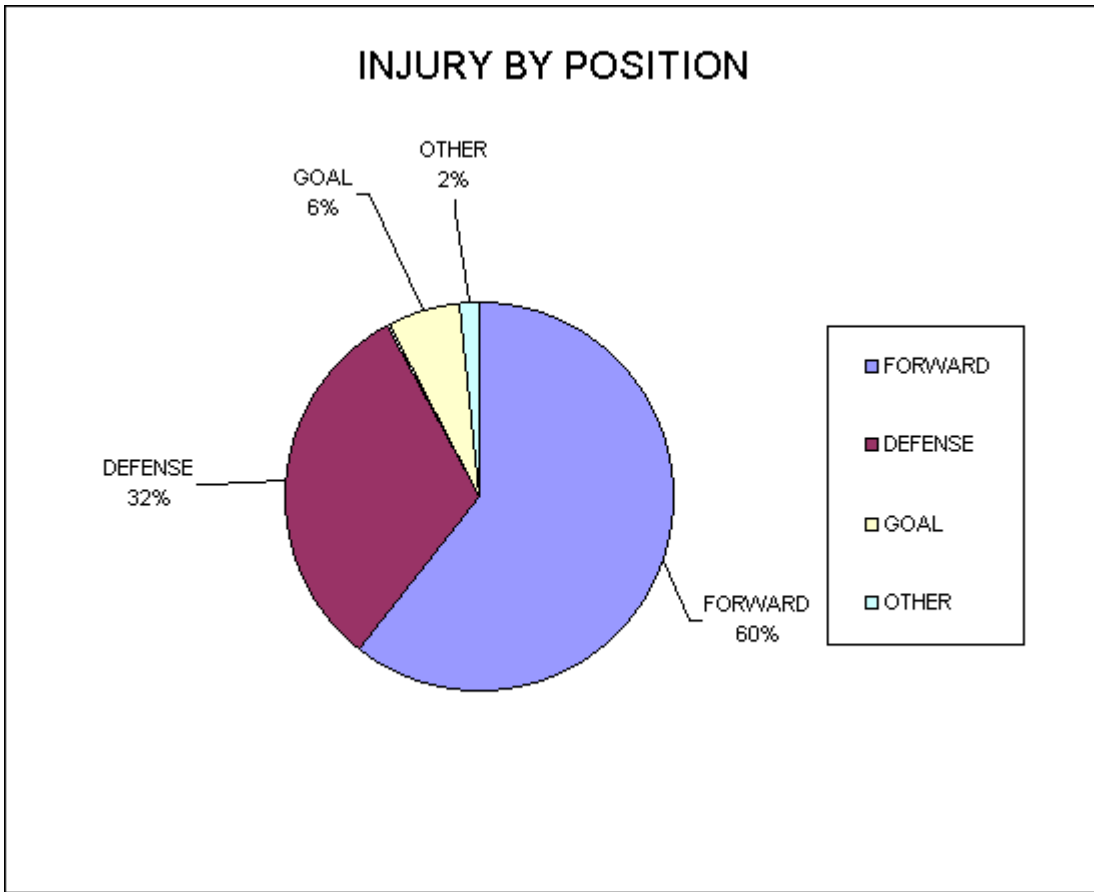


Total:1299

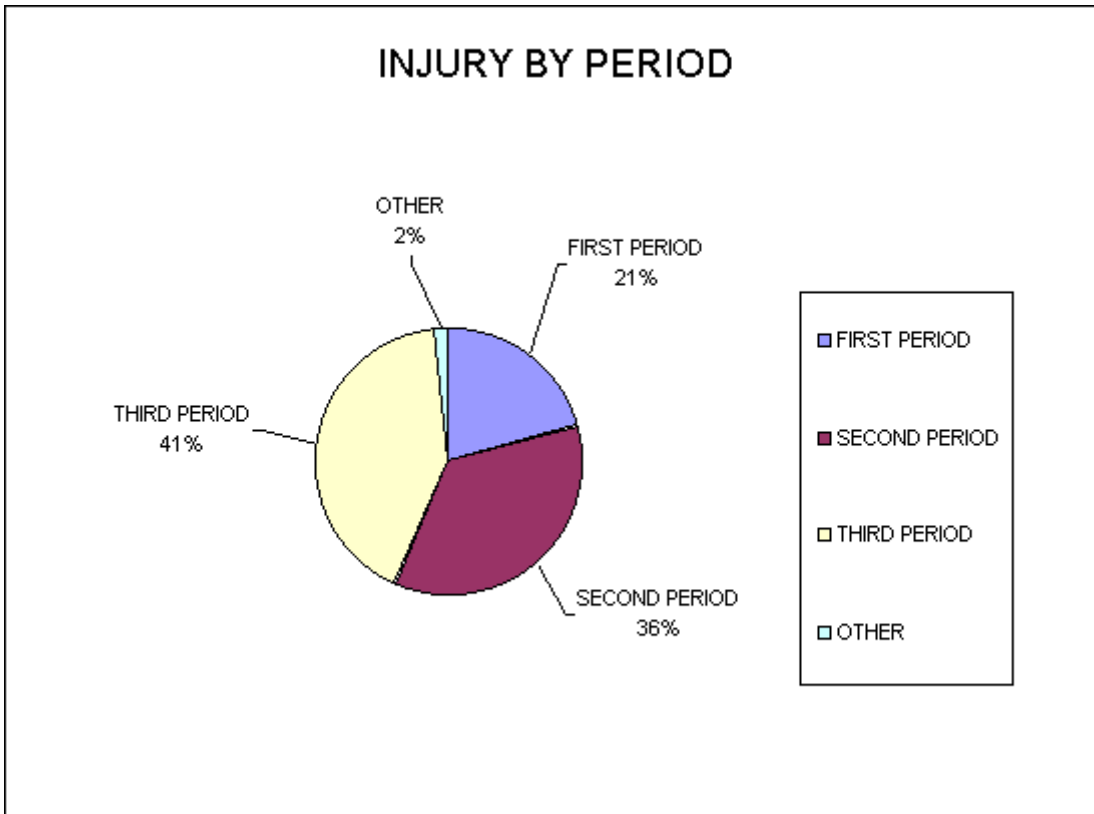
Total:1442



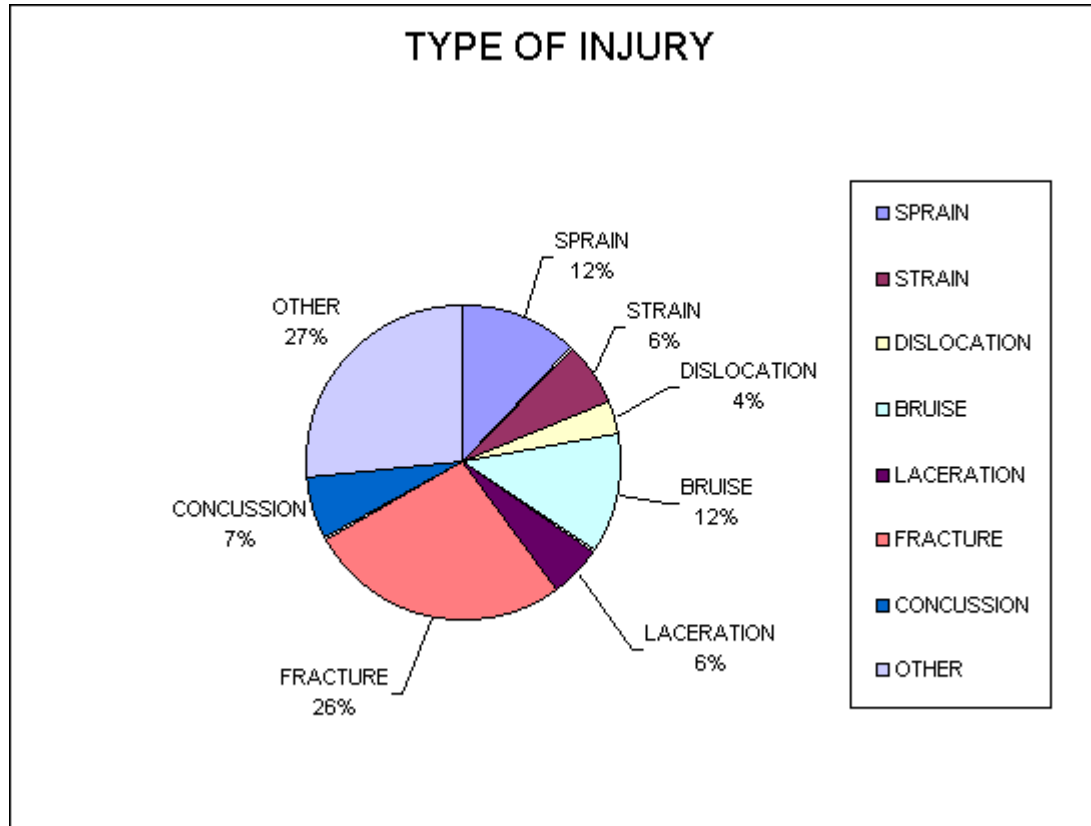
Total:1252



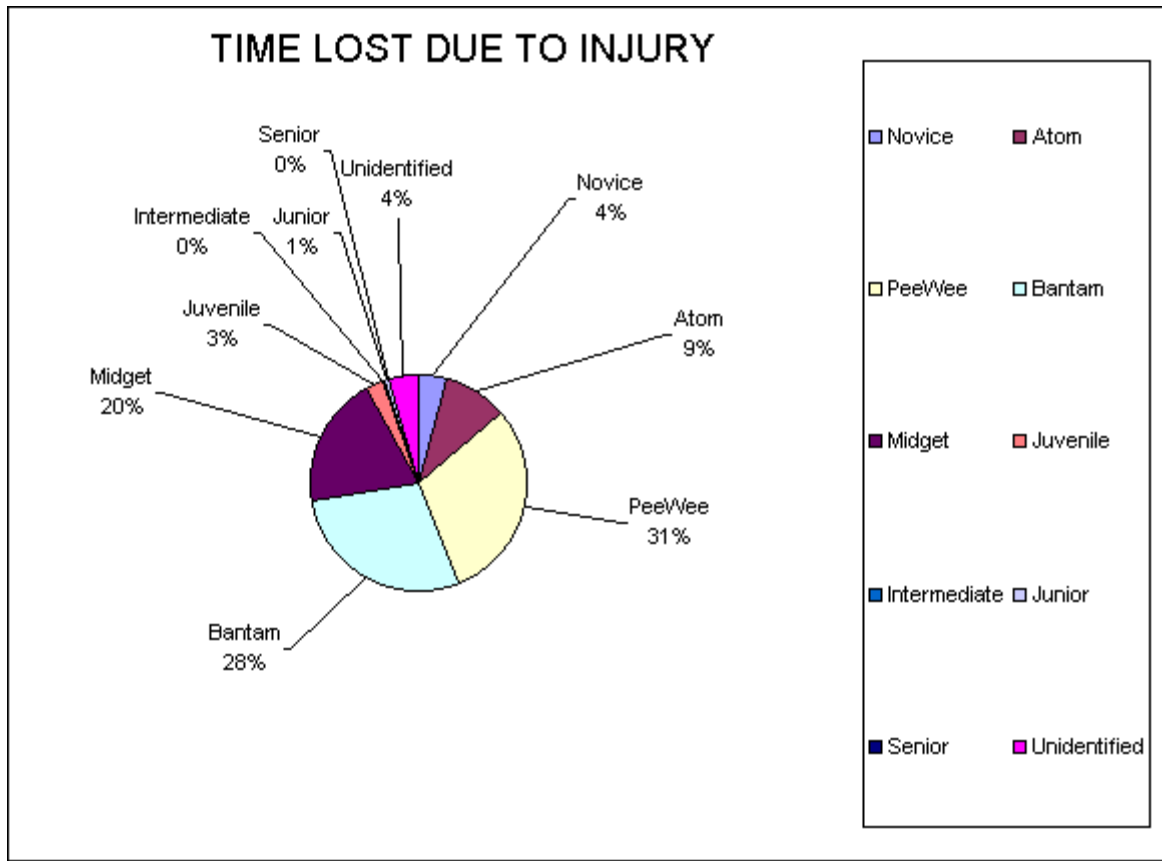
Total:1067



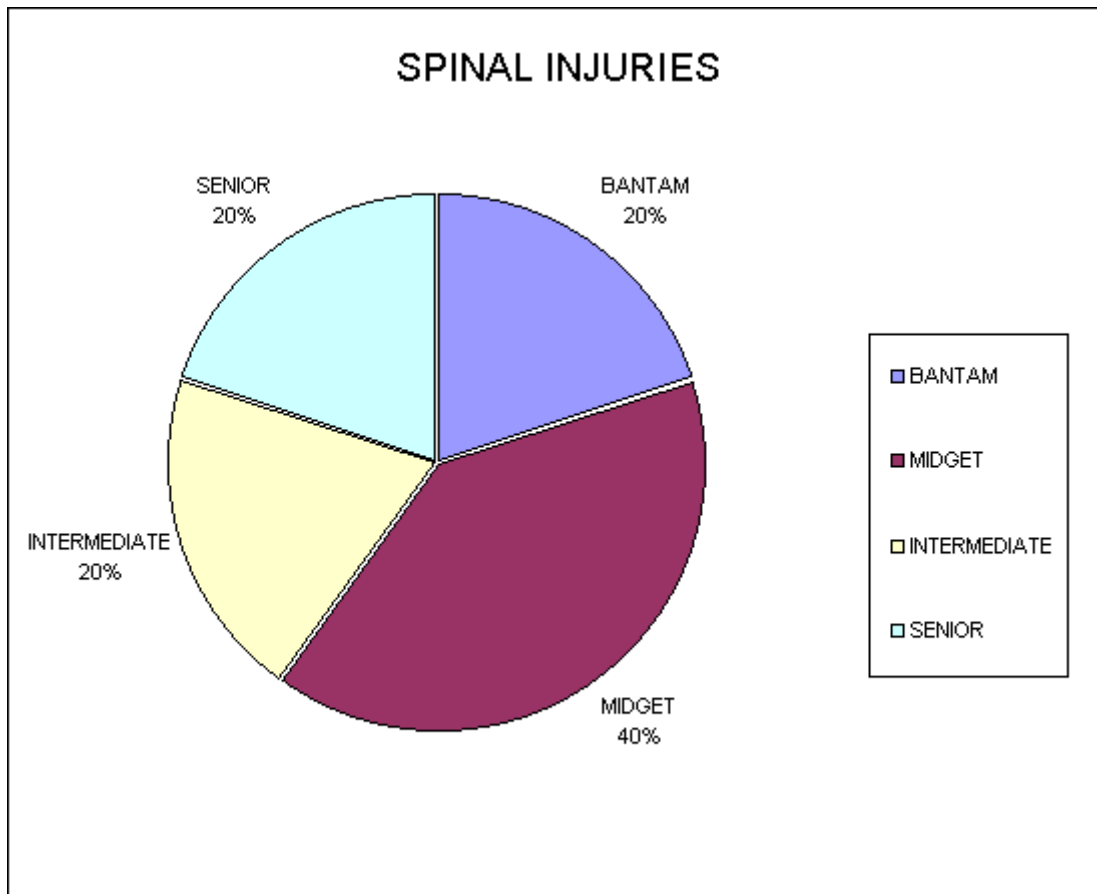
Total:1299



Total: 30,439



Total: 5



SPINAL PROFILE

5 Total Injuries Reported

<u>AGE GROUP</u>	NUMBER	
Bantam	1	20.00%
Midget	2	40.00%
Senior	1	20.00%
Intermediate	1	20.00%
TOTAL	5	

POSITION PLAYED

Forward	2	40.00%
Defence	3	60.00%
TOTAL	5	

PERIOD

2nd	1	20.00%
3rd	4	80.00%
TOTAL	5	

OTHER RELATED INJURIES

Face	2	50.00%
Lower Back	2	50.00%
TOTAL	4	

TYPE OF INJURY

Strain	2	40.00%	*contusion, compression ve
Laceration	1	20.00%	
Other	2	40.00%	
TOTAL	5		

SYMPTOMS

Pain	4	80.00%	*t
Light Bleeding	1	20.00%	
TOTAL	5		

MECHANISM/CAUSE OF INJURY

Body Check	1	14.29%	
Check from Behind	3	42.86%	
Stick	1	14.29%	
Boards	1	14.29%	
Other	1	14.29%	*fi
TOTAL	7		

POSITION ON ICE

Defensive Zone	3	60.00%
Offensive Zone	1	20.00%
Neutral Zone	1	20.00%
TOTAL	5	

TRANSPORTED TO HOSPITAL	2
-------------------------	---

MODE OF TRANSPORTATION

Ambulance	1	20.00%
-----------	---	--------

TOTAL	1	
-------	---	--

REQUIRED MEDICAL
ATTENTION

Emergency	1	25.00%
Other	3	75.00%
TOTAL	4	

TIME LOST DUE TO INJURY

2 specified - 7 weeks

Previous Injury: 1 specified

Penalty Called: 3 specified

REVIEW

Increase of 66.66% in occurrence
over 1996-97 total of 3

Defencemen received 60% of this
type of injury

80% of injuries occurred in the 3rd
period

42.86% of injuries caused by
checking from behind

Bantam and Midget combined for
60% of injuries

DENTAL PROFILE	NUMBER	GROUP	AGE %
----------------	--------	-------	-------

63 Total Injuries Reported

AGE GROUP

Novice	4	2	3.17%
Atom	7	5	7.94%
PeeWee	10	9	14.29%
Bantam	18	11	17.46%
Midget	16	14	22.22%
Juvenile	3	3	4.76%
Senior	1	2	3.17%
Unidentified	4	1	1.59%
TOTAL	63		

POSITION PLAYED

Forward	35	55.56%	
Defense	17	26.98%	
Goaltender	1	1.59%	
Other	5	7.94%	*team staff, on-ice
Unidentified	5	7.94%	
TOTAL	63		

PERIOD

1st	7	11.11%
2nd	23	36.51%
3rd	18	28.57%
Other	15	23.81%
TOTAL	63	

OTHER RELATED INJURIES

Head/Face Area	5	55.56%
Mouth Area	4	44.44%
TOTAL	9	

ACTIVITY

Game	33	53.23%
Practice	7	11.29%
Tournament/Exhibition/Playoff	22	35.48%
TOTAL	62	

TYPE OF INJURY

Laceration	4	6.35%	
Other	59	93.65%	*chipped, lost, broken, multiple
TOTAL	63		

MECHANISM/CAUSE OF INJURY

Body Check	8	11.27%
Boards	9	12.68%
Collision	24	33.80%
Stick	15	21.13%
Fell	1	1.41%

Skate	1	1.41%	
Net	1	1.41%	
Puck	3	4.23%	
Check from Behind	2	2.82%	
Other	7	9.86%	*struck by opp
TOTAL	71		

POSITION ON ICE

Defensive Zone	21
Offensive Zone	23
Neutral Zone	12
Goal Crease	1
Unidentified	6
	63

TRANSPORTED TO HOSPITAL 12

MODE OF TRANSPORTATION

Private Vehicle 12

Previous Injury: 13 specified

Penalty Called: 1 specified

REVIEW

Increase of 34.04% over 1996-97
total of 47

Peewee Bantam and Midget age
groups combined for 53.97% of
injuries

Forwards received 35 or 55.56% of
injuries

Collision was cited as primary
cause 33.80%

4.85% of all injuries reported

NECK PROFILE

96 Injuries Reported NUMBER GROUP AGE %

AGE GROUP

Novice	7	1	1.04%
Atom	17	15	15.63%
PeeWee	29	16	16.67%
Bantam	14	26	27.08%
Midget	19	14	14.58%
Intermediate	3	2	2.08%
Junior	1	2	2.08%
Senior	2	2	2.08%
Unidentified	4	11	11.46%
TOTAL	96		

POSITION PLAYED

Forward	56	58.33%	
Defense	26	27.08%	
Goaltender	11	11.46%	
Other	1	1.04%	* tear
Unidentified	2	2.08%	
TOTAL	96		

PERIOD

1st	9	9.38%
2nd	33	34.38%
3rd	44	45.83%
Other	4	4.17%
Unidentified	6	6.25%
TOTAL	96	

OTHER RELATED INJURIES

Head	21	63.64%
Throat	1	3.03%
Ribfront	2	6.06%
Lower Back	3	9.09%
Shoulder	6	18.18%
TOTAL	33	

TYPE OF INJURY

Strain	14	15.22%
Sprain	23	25.00%
Bruise	10	10.87%
Concussion	6	6.52%
Laceration	1	1.09%
Others	38	41.30%
TOTAL	92	

*contusion, muscle sp
fractured vertabrae,wh
pinched nerve, soft tissue d

SYMPTOMS

Pain	20	54.05%
Loss of Feeling	2	5.41%
Deformity	1	2.70%
Shortness of Breath	5	13.51%
Others	9	24.32%
TOTAL	37	

*dizziness, lightheaded
headache, tingling, n
blurred vision, loss of conciou

MECHANISM/CAUSE OF INJURY

Body Check	17	16.19%
Trip	7	6.67%
Boards	20	19.05%
Collision	30	28.57%
Stick	4	3.81%
Net	1	0.95%
Puck	2	1.90%
Fell	4	3.81%
Check from Behind	20	19.05%
TOTAL	105	

POSITION ON ICE

Defensive Zone	32	33.33%
Offensive Zone	36	37.50%
Neutral Zone	12	12.50%
Goal Crease	11	11.46%
Unidentified	5	5.21%
TOTAL	96	

TRANSPORTED TO HOSPITAL 73

MODE OF TRANSPORTATION

Ambulance	50	69.44%
Private Vehicle	22	30.56%
TOTAL	72	

REQUIRE MEDICAL ATTENTION

Family Physician	5	20.00%
Emergency Clinic	18	72.00%
Other	2	8.00%
TOTAL	25	

*on-site, team trainer/phy

Previous Injury: 1 specified

Penalty Called: 31 specified

REVIEWNo quadreplegic or paraplegic
injuriesForwards received 58.33% of this
type of injuryThe offensive zone was the site of
37.50% of injuries44 or 45.83% occurred in the 3rd
periodAtom, PeeWee and Bantam age
group combined for 59.38% of
injuriesHead injuries represented 63.64 %
of related injuriesCollisions, Board and Checking
From Behind highest mechanism
of injury - 66.67%76.04% of injuries transported to
hospital**HEAD PROFILE****141 Injuries Reported** NUMBER AGE %AGE GROUP

Novice 16 11.35%

Atom	16	11.35%
PeeWee	33	23.40%
Bantam	34	24.11%
Midget	26	18.44%
Juvenile	4	2.84%
Junior	2	1.42%
Intermediate	1	25.00%
Senior	5	3.55%
Unidentified	4	2.84%
TOTAL	141	

POSITION PLAYED

Forward	82	58.16%
Defense	38	26.95%
Goaltender	12	8.51%
Other	2	1.42%
Unidentified	7	4.96%
TOTAL	141	

PERIOD

1st	21	14.89%
2nd	38	26.95%
3rd	64	45.39%
Unidentified	18	12.77%
TOTAL	141	

OTHER RELATED INJURIES

Ear	1	2.38%
Throat	1	2.38%
Ribfront	1	2.38%
Hip	1	2.38%
Elbow	2	4.76%
Internal	1	2.38%
Neck	21	50.00%
Dental	2	4.76%
Lowerback	1	2.38%
Other	11	26.19%
TOTAL	42	

TYPE OF INJURY

Strain	3	5.00%	
Dislocation	1	1.00%	
Sprain	4	2.00%	
Bruise	6	3.00%	
Laceration	4	13.00%	
Other	115	61.00%	*concussion, wh
TOTAL	133		

SYMPTOMS

Pain	15	28.00%	
Deformity	1	2.08%	
Loss of Feeling	1	2.08%	
Shortness of Breath	2	4.17%	
Other	29	60.42%	*disoriented, loss of conciou
TOTAL	48		headache, blurred vision, diz

MECHANISM/CAUSE OF INJURY

Body Check	47	28.14%
Trip	4	2.40%
Boards	41	24.55%
Collision	43	25.75%
Stick	1	0.60%
Net	2	1.20%
Fell on Ice	9	5.39%
Puck	5	2.99%
Check from Behind	15	8.98%
TOTAL	167	

POSITION ON ICE

Defensive Zone	47	33.10%
Offensive Zone	47	33.10%
Neutral Zone	24	16.90%
Goal Crease	9	6.34%
Players Bench	3	2.11%
Other	5	3.52%
Unidentified	7	4.93%
TOTAL	142	

<u>TRANSPORTED TO HOSPITAL</u>	90	63.38%
--------------------------------	----	--------

MODE OF TRANSPORTATION

Ambulance	31	34.44%
Private Vehicle	58	64.44%
Unidentified	1	1.11%
TOTAL	90	

REQUIRED MEDICAL
ATTENTION

Family Physician	9	22.50%
Emergency Clinic	26	65.00%
Trainer	2	5.00%
Other	3	7.50%
TOTAL	40	

TIME LOST DUE TO INJURY

1231 days

Previous Injury: 6 specified

Penalty Called: 34 specified

REVIEW

Increase of 74.07% in injuries reported over 96-97 total of 81

PeeWee, Bantam and Midget age players represented 65.95% of injuries

Forwards were most injured 58.16%

Concussions were reported as the most frequent other type of injury (75 reported)

Average of 8.73 days lost per injury

Copyright or other proprietary statement goes here.
For problems or questions regarding this web contact [\[ProjectEmail\]](#).
Last updated: November 15, 2000.