Subject Index

A
Accident prevention, 11
Age as related to performance, 121, 124–125(tables)
Aggression
   behaviors and performance, 95
   fair play, 103, 105–106(tables)
   penalties assessed, 88, 89–92(tables)
   player behaviors, 95, 109
Air pollutant exposures inside hockey rinks, 142
Amateur level hockey, 128
Anthropometric profile, 44
Athletic injury, 183

B
Bantam level (14 to 15 years old), 44, 78, 103, 121
Behavior factors, 71–134
   age related to performance, 121
   coach behavior, 78
   controls, 109
   fair play, 103
   Jordan Oldtimers hockey league, 71
   penalties, assessment, 88, 95, 96–97(tables)
   players performance and aggressive behaviors, 95, 96–100(tables)
Biomechanical profile, 44
Body checking, 44, 95
Brain injury, 175

C
Canada, study on spinal cord injuries, 1966 to 1991
   by age, 13–14(tables)
   by year, 13(table)
   geographic location, 12(table)
   mode of injury, 16–17(tables)
   neurologic injuries, 15(table)
Carbon dioxide, 142
Chronological age, 121
Coach behaviors, 78
Coaches’ perspectives, 128
College hockey, 128
Collegiate ice hockey injuries, 21
Committee on prevention of spinal cord injuries due to hockey, 11
Competitive ice hockey, 103
Concussion, 21, 175
Conditioning, prevention of injuries, 56
Conformity assessment, 192
Current issues, 128

D
Dedication—Bob Johnson 1931–1991, iii
Defending and attacking zones, 137
Demography, 11
Dental problems, 164
Dentists, 164

E
Epidemiology and conditioning, 11–68
Equipment, 164, 192
Exposure assessment, air pollution, 142
Eye injuries, protection, 159

F
Face mask, 88
Face protectors, 192
Fair play, 103, 105–106(tables), 128
Frustration, 109
Fuel-powered resurfacing equipment, 142

G
Game injury rates, 21
Game score differential, 78

H
Harmonization, 192
Head injuries, 21, 175
Health concern, 142
Height/weight variations—injuries, 44
Helmets, 175, 192
Hockey equipment, safety, 183
Hockey eye protectors, 159
Hockey injuries
Bantam level (14 to 15 years old), 44
during competition and practice, 31
fair play, 103
prevention, 56
rates, 31
severity, 31
types of injuries, 31

Ice hockey aggression, 88, 109
Ice hockey injuries
conditioning, 56
eyes, 159
injury report system, 137
Injury Surveillance System (ISS), 21
mouth injuries, 164
prevention, 56
reduction, 109
rink related, 137
spinal injuries, 1966 to 1991, 11
Ice hockey players
age related performance, 121
performance and aggressive behaviors, 95, 109
Ice resurfacers, adverse effects on health, 142
Ice skating rinks, indoor air pollution, 142
Indoor ice rinks, air pollution, 142, 146(tables), 148(tables), 152–153(tables)
Injuries
Bantam level (14 to 15 years old), 44
circumstances, 44
collegiate ice hockey, 21
exposure, 31
height/weight variations, 44
incidence, 44
musculoskeletal, 31
Oldtimers hockey, 71
prevention, 56
reduction, 109
related to height/weight variations, 44
rink related, 137
risk factors, 44
trends, 31
types, 44
Injuries, prevention, 11, 56
Injury patterns, 183
Injury rates, 38(tables)

Injury report system of the International Hockey Centre of Excellence, 137
Injury Surveillance System (ISS), 21
Injury trends, 31
Intercollegiate athletics, 21, 128
overview, safety standards, 1–8
Intercollegiate athletics—injury trends, 21
International Organization for
Standardization (ISO), 192
ISO standards, 192
ISS—see Injury Surveillance System

J
Johnson, Bob—dedication 1931–1991, iii
Jordon Oldtimers hockey league, 71
Junior hockey
penalties assessed, 88
strength and conditioning programs, 56
postscreening tests, 64–65(tables)
prescreening tests, 60(table)

K–L
Knee injuries, 21
Localized loading, 175
Location of injuries, 31, 34–35(tables), 39(tables)

M
Minor hockey
aggression, 78, 95
penalties assessed, 88, 95
player behaviors, 95
Motivation, Oldtimers hockey, 71
Mouthguard, 164

N
National Collegiate Athletic Association (NCAA)
coaches perspectives, 128, 132(table)
Injury Surveillance System (ISS), 21
overview, 2
NCAA—see National Collegiate Athletic Association
Nitrogen dioxide, 142

O
Oldtimers hockey, 71
Overall injury rates, 31
Overview, safety standards in ice hockey, 1–8
Pee-Wee, 103
Penalties, 95, 103
Penalties assessed for aggression, 88, 89–92(tables)
Performance testing, 121
Physical activity participation—Oldtimers hockey, 71
Player behaviors, 95, 109
Player equipment, 21
Playing facilities, 137–156
  air pollutant exposures, 142
  rink related injuries, 137
Playing rules, 164
Pollutant exposure, 142
Practice injury rates, 21
Practice procedures, 21
Pressure, 175
Prevention
  of injuries, 56
  player equipment, 21
  practice procedures, 21
  review, 11
  rink construction, 21
  rules, 21
  strength and conditioning, 56
  training techniques, 21
Professional ice hockey leagues
  penalties assessed, 88
Protective equipment, 159–213
  eye protection, 159
  helmets, 175
  ISO standards, 183, 192
  mouthguard, 164
  safety, 183
Puck impacts, head injuries, 175, 180(table), 182(table)
Puck-induced eye injuries, 159

Rates of injuries, 31
Recreational hockey, 71
Recruiting, 128

Resurfacing equipment—health effects, 142
Rink related injuries, 137
Rink construction, 21, 142
Rinks—air pollutant exposures, 142
Rules, 21, 88

S
Safety standards, ice hockey
  comparisons, proposed international standards, 209–213(appendix tables)
  equipment, 183, 192
  fair play, 103
  overview, 1–8
Severity of injuries, 31
Shoulder injuries, 21
Skeletal age, 121
Social learning, 109
Spinal cord injuries, overview, 2
Spinal injuries in ice hockey, review, 11
Spine injuries, 21
Sport violence, 183
Sports injuries, 56
Sportsmanship, 103
Standards, 159, 192, 209–213(appendix tables)
Strength
  prevention of ice hockey injuries, 56
Stress

T
Team dentists, 164
Training techniques, 21
Types of injuries, 31, 33–34(tables)

U–Z
University hockey
  penalties assessed, 88
Vienna agreement, 192
Violence—ice hockey, 103
Winter sport safety, 183
Zone identification in rink related injuries, 137