Child Injury: Problem Analysis Diagram

Social/Economic/Policy Level

Economic Issues Poverty

Social Issues

Violence in the community No public awareness campaign Lack of awareness of the problem

System/Services

Lack of capacity of statewide organizations to reduce the incidence of unintentional injuries Lack of comprehensive population approach Limited poison control or trauma services Poor data collection

Policy

Limited government resources aimed at reducing unintentional injury Lack of policies on safety gear use

Family/Community/Institutional Level

Community/Local Institutions

Limited parenting classes
Poor compliance with safety
recommendations
Limited personnel for enforcement of
existing laws
Lack of provider knowledge of cultural

practices
Limited coordination among agencies to
link state & local policy, enforcement &
education efforts
No safe place to play

Family/Home

Family not familiar with safety recommendations
Low maternal/paternal/family educational level
Language/cultural barriers
Inadequate education about water safety
Violence in home
Cost of safety equipment
Medicines a& cleaning supplies are accessible in the home

Family/Home Cont.

No family fire escape
plan, no smoke alarms
No stair gates or rails on
bed
Poor modeling of
behaviors
No CPR or first aid
knowledge
Parents abuse of alcohol
& drugs
Lack of adult supervision

School/Sports

Cost of safety
equipment
Bullying
Lack of knowledge of
signs of concussion
Broken sports safety
equipment
Hard landing
surfaces on
playgrounds

Individual Level

Knowledge

Child not having skills for sports activity
Child does not know how to swim

Health Behaviors

Lack of appropriate use of bicycle helmets
Poor use of appropriate seat belts or child safety
seats

Adults not supervising in water/playing Appropriate safety gear not used during sports Child not using a lifejacket

Immediate Causal Factors

Falls out of bed or down stairs
Traffic crash
Consumption of
medicines/cleaning supplies
Concussion
Child abuse

Targeted Outcome(s):

Childhood injury: burns, falls, drownings, poisonings, sports injuries, suffocation

Consequences:

Short term & long term injury, death; disabilities; hospitalization; emergency department visits; poor quality of life; missed school/work, stress