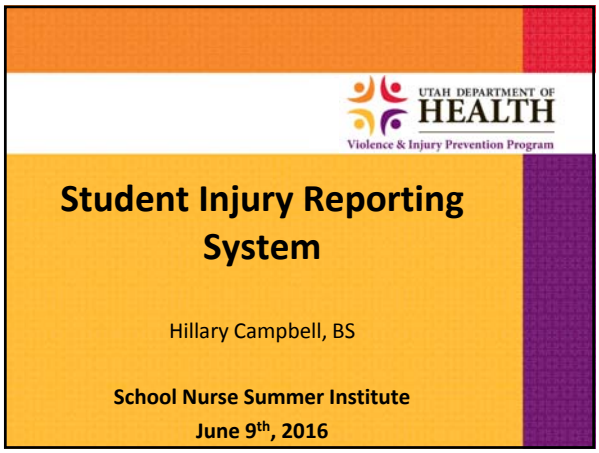
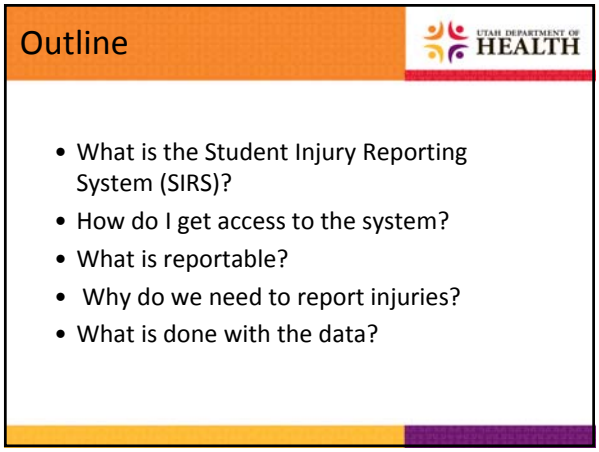

UTAH DEPARTMENT OF
HEALTH
Violence & Injury Prevention Program
Student Injury Reporting System
Hillary Campbell, BS
School Nurse Summer Institute
June 9th, 2016


Outline
UTAH DEPARTMENT OF
HEALTH
• What is the Student Injury Reporting System (SIRS)?
• How do I get access to the system?
• What is reportable?
• Why do we need to report injuries?
• What is done with the data?

STUDENTINJURYREPORT
Violence and Injury Prevention Program
No More Paper Forms!
Getting Started
Getting Started
What is Reportable
Why Report
District Administrators
Contact Us

What does SIR collect?

UTAH DEPARTMENT OF HEALTH

43 data points or variables including:

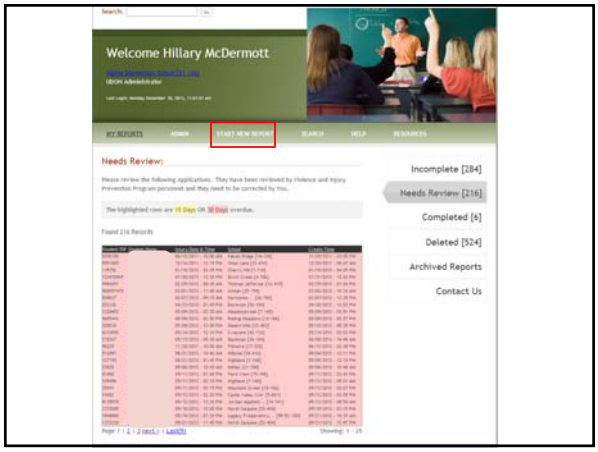
- Basic demographics
- Description of the events
- Location where injury happened
- Type of Injury
- Area of Injury
- Period
- Activity
- Equipment
- Actions Taken
- Days Absent

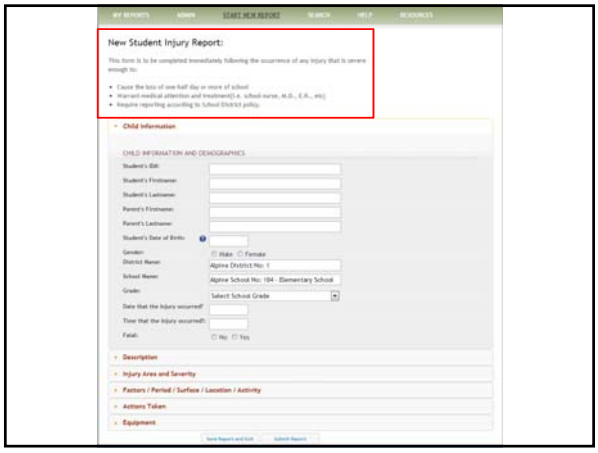
Registration

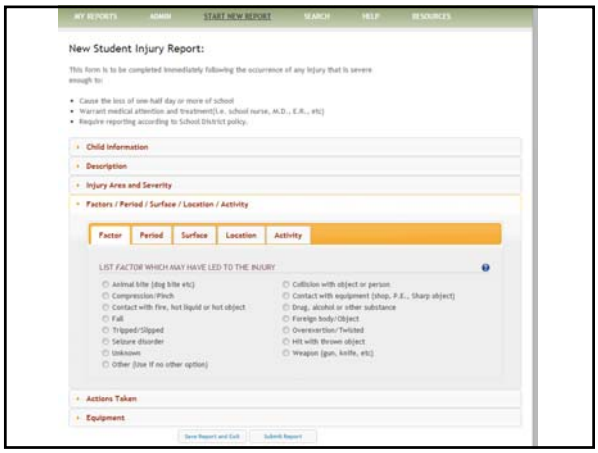
UTAH DEPARTMENT OF HEALTH

https://sirs.health.utah.gov

STUDENTINJURYREPORT
Violence and Injury Prevention Program
The Student Injury Form
Text size: a A A
HOME
New User Registration:
Thank you for visiting Student Injury Report Website. Create an account to access your account profile, and more.
USER INFO:
Name:
Email:
Phone:
Password:
Re-type Password:
SCHOOL INFO:
Title Code:
Select Your title Code
District:
Select Your District
School:
Select Your School
Registration ID:
TEXT VALIDATION:
Enter the random letters in this image in the field below:
What is this?
Validation Code:
Register
Welcome back!
If registered, login into your account
Email:
Password:
Login
Lost your password? Reset it


Welcome Hillary McDermott
MY REPORTS
ADMIN
START NEW REPORT
SEARCH
HELP
RESOURCES
Needs Review:
Incomplete [284]
Needs Review [216]
Completed [6]
Deleted [524]
Archived Reports
Contact Us


MY REPORTS
ADMIN
START NEW REPORT
SEARCH
HELP
RESOURCES
New Student Injury Report:
Child Information
CHILD INFORMATION AND DEMOGRAPHICS
Description
Injury Area and Severity
Factors / Period / Surface / Location / Activity
Actions Taken
Equipment



Coding Clarifications

- Trip/slip vs. Fall
  - Trip/slip is a ground level event
    - Tripped while running on grass
    - Slipped on ice on playground
  - Fall is an event from a height or a slope
    - Fell off monkey bars
    - Fell down the steps
    - Fell off a chair
- Surface
  - Flooring or ground surface the student is standing on at the time of injury

SIR numbers so far

- 39,000+ reports collected in 2011-current school year
- 1,670 registered users

Advantages

- User must have their own access to report in the database (secure database)
- Database forces complete reports
- Allows sending a report back for revisions including comments as to what corrections need to be made
- Date and time stamps on each report
- No more paper forms!

Why report?

- Most common injuries are:
  - Possible fracture/break
  - Cut/laceration
  - Bump/bruise/contusion
- Track absenteeism
- **We can prevent these injuries, but only if we know what factors were involved**

What is done with the data?

- Pinpoint risk factors → develop safety guidelines
  - Minimize physical and financial impact of injury
- All report information is keyed into a database that helps identify trends, grades with high injury rates, and most common types of injuries.
  - State and District Injury Reports
  - Aggregate data

Injury Data

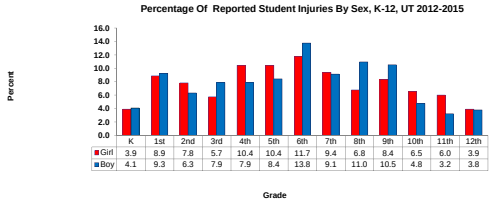
State Overview	2012-2015 Reported Injuries	Number of Students Enrolled	Injury Rate per 1,000 Students	Confidence Limits
K-6	5,987	930,375	6.4	(6.27-6.60)
7-12	4,967	738,178	6.7	(6.54-6.92)
Total	10,954	1,668,553	6.6	(6.44-6.69)

District X	2012-2015 Reported Injuries	Number of Students Enrolled	Injury Rate per 1,000 Students	Confidence Limits	Compared to State Rate
K-6	636	122,548	5.2	(4.8-5.6)	Lower
7-12	459	94,252	4.9	(4.4-5.3)	Lower
Total	1,095	216,800	5.1	(4.8-5.4)	Lower

Absence Data

District X	2012-2015 Total Number of Absences Due to Injuries	Absence Rate per 1,000 Students	Compared to State Rate
K-6	521	4.3	Higher
7-12	310	3.3	Higher
Total	831	3.8	Higher

Gender



Nature of Injury

K-6	Percent	7-12	Percent
Possible Fracture/Broken	50.2	Possible Fracture/Broken	24.6
Cut/Laceration	20.1	Cut/Laceration	18.7
Bump/Bruise/Contusion	7.4	Sprain/Strain/Tear	15.7
Possible Concussion	7.2	Bump/Bruise/Contusion	10.7
Sprain/Strain/Tear	5.2	Possible Concussion	7.2

Table 4 shows the most common nature of student injuries in grades K-6 and 7-12.

Contributing Factor

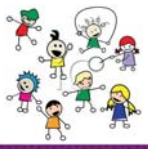
K-6	Percent	7-12	Percent
Tripped/Slipped	33.0	Collision	37.0
Fall	30.0	Tripped/Slipped	27.5
Collision	25.2	Contact with equipment	9.8
Compression/Pinch	2.7	Fall	7.0
Contact with equipment	2.5	Overexertion/Twisted	6.3

Table 5 shows the most common contributing factor to student injuries in grades K-6 and 7-12.

Period

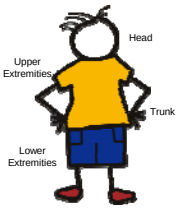
K-6	Percent	7-12	Percent
Lunch Recess	39.5	PE Class	36.8
Recess	27.7	Class Time (Not PE)	27.9
PE Class	10.1	Lunch	6.1
Class Time (Not PE)	9.3	Class Change	5.0
Before School	6.4	Before School	4.8

Table 6 shows the most common school periods where student injuries occur in grades K-6 and 7-12.



Areas of the Body

K-6	Percent	7-12	Percent
Upper Extremities	44.3	Head	35.1
Head	36.5	Upper Extremities	32.7
Trunk	9.7	Lower Extremities	22.9
Lower Extremities	9.4	Trunk	9.4



Questions?

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Violence and Injury Prevention Program
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hmcdermott@utah.gov