



Colorado Department
of Public Health
and Environment

FERPA Compliant School Survey Design

2012 Program Manager's Meeting

Marianne Koshak, MS

Data Unit Manager, Colorado Immunization Section
Colorado Department of Public Health and the Environment





Background

- Assessing coverage at school entry by sampling school records since 2004/2005.
- Immunization survey compared to school self reports
 - Self reports inaccurate – journal article
 - Detailed shot and exemption data
- Following years expanded: 7th grade, local and regional rates





Colorado Department
of Public Health
and Environment

FERPA Rule Changes

- December 2008
- DOB - Personally Identifiable Information
 - Critical information to assess compliance
 - Lost access to review school immunization records
- Colorado Department of Education
 - Home rule state - Negotiate MOUs with individual school districts





New Methodology

- Developed and implemented through ARRA School Best Practices Grant
- Doesn't require DOB
 - Collect intervals between DOB and shot administration dates
- Rely on school nurses to select students and submit data
 - We make every effort to minimize the time it takes for them to complete the survey





New Methodology

- Sample Strategy
 - Originally sample schools: 50 schools, 20 students per school
 - Simple random sample of students: 350 students, between 270 – 300 schools
- Training
 - Webinars, recorded webinars
- Streamline submitting data - web application






New Methodology

Colorado Department of Public Health and Environment

- Web application
 - Front end schools enter DOB and shot dates directly off the immunization record
 - Back end calculates and stores the intervals



WELCOME TO ISSA!

CDPHE'S IMMUNIZATION SCHOOL SURVEY APPLICATION

Please select one of the following:

THERE ARE NO IZ RECORDS OR EXEMPTIONS FOR THIS STUDENT
 SCHOOL CODE: 9999Z

THERE ARE IZ RECORDS OR EXEMPTIONS FOR THIS STUDENT

Due to FERPA regulations, the child's date of birth and actual shot administration dates will not be stored or viewed by CDPHE. However, these dates will be used to calculate the number of days from date of birth until each individual shot is administered, this information in number of days will be stored and viewed by CDPHE.

STUDENT ROSTER #: 153 STUDENT DATE OF BIRTH: You have completed 0 out of 2 students

Exemption Fields are REQUIRED

VACCINE TYPE	DATE 1	DATE 2	DATE 3	DATE 4	DATE 5	EXEMPTION	IN PROCESS
HEPATITIS B	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>		▼	<input type="checkbox"/>
DTAP/DT	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	▼	<input type="checkbox"/>
IPV/OPV	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	▼	<input type="checkbox"/>
MMR	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>			▼	<input type="checkbox"/>
VARICELLA	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	HISTORY OF DISEASE?	▼		▼	<input type="checkbox"/>





Implementation and Limitations

- 2010/2011 School Year
 - 100% participation
 - 93% schools satisfied or very satisfied with survey process.
- Limitations with new methodology
 - Can't assess by date, i.e. first day of school
 - Can't oversample for local or regional results – too big a burden on school staff.





Colorado Department
of Public Health
and Environment

Replication

- Share SAS program to pull sample
- Share the web application
- Other options to calculate intervals
 - Date calculators available online
 - Spreadsheet





Colorado Department
of Public Health
and Environment

Contact Information

Marianne Koshak

303 692-2353

marianne.koshak@state.co.us

Citation:

Stanwyck C, Davila J, Wake L, Koshak M. 2007. Assessment of kindergarten immunization rates in Colorado: school self-reports vs. health department audits, 2004-2005. Public Health Reports Jul-Aug: 122 (4): 461-5.

