



Building Partnerships

Ashley Comer
Quality Improvement Coordinator
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Iowa's Environmental & Public Health Laboratory



Disclosure

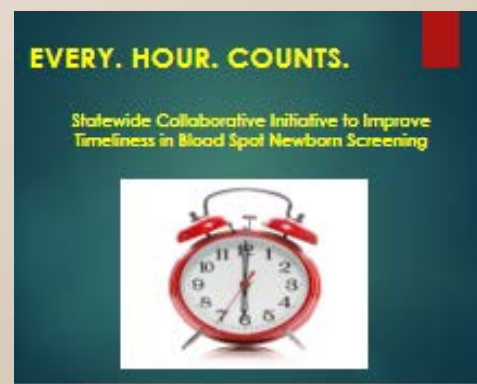
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A Partnership between The Colorado School of Public Health
and The Association of Public Health Laboratories™

Kickoff of Tour de Iowa

- Webinar announcing CoINN project
 - Zoom platform
 - advertised on Iowa NBS listserv and through program contacts



- Practicum student at the College of PH
 - 10 facilities in eastern Iowa with varying performance



Educational Objectives

- Describe the importance of timely newborn screening, and identify the timeliness goal for Iowa
- Identify how many disorders are part of the Newborn Screening panel
- Recall procedure for submitting dried blood spot collection forms to the State Hygienic Lab (SHL)
- Verbalize understanding of Iowa laws pertaining to newborn screening
- Use the newborn screening infographic for their facility to improve timeliness of newborn screening



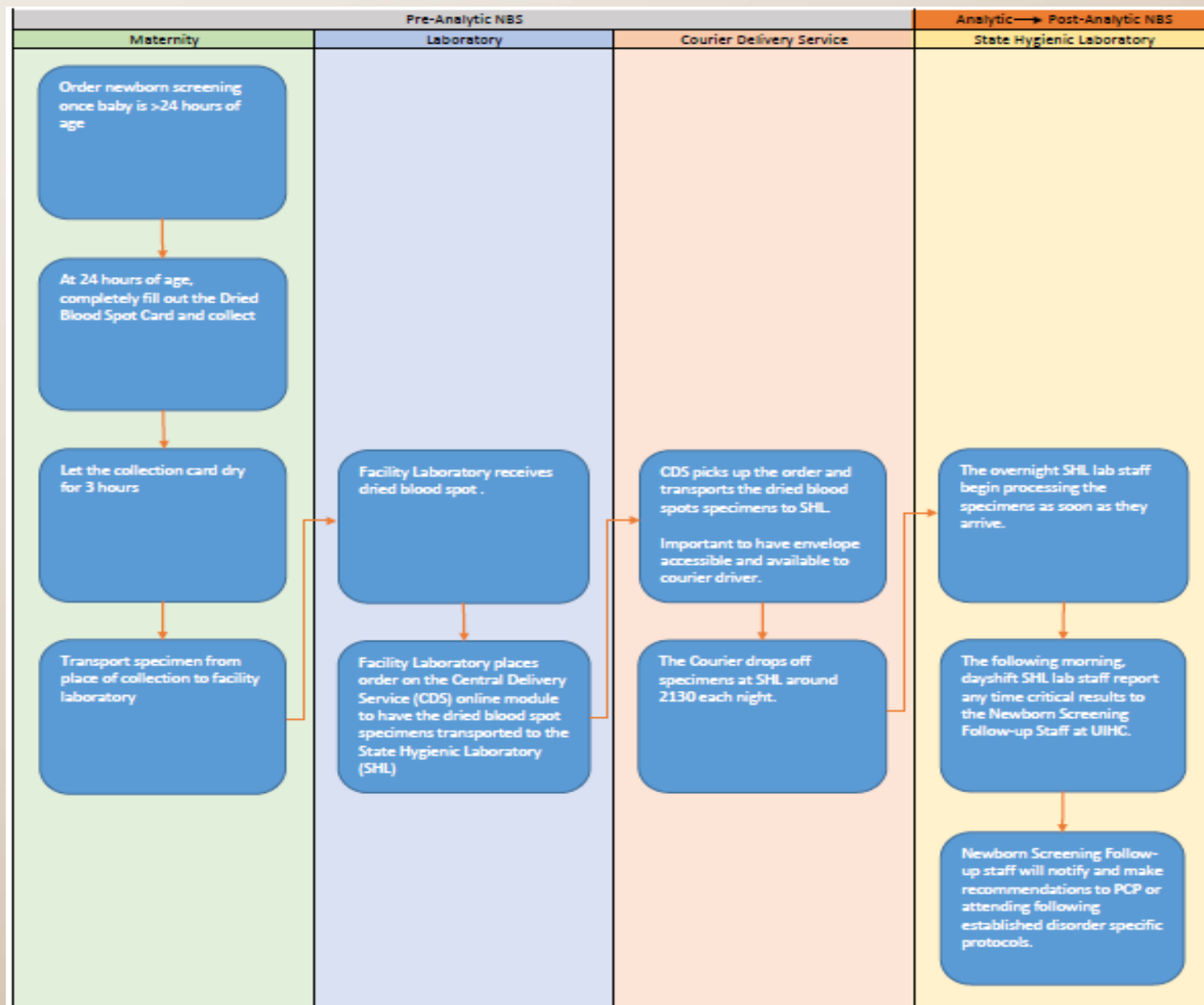
Audience

- Encourage representation from lab department(s) and nursing department(s).
- Everyone who touches the filter paper



Message

- Goal of newborn screening and what Iowa's NBS program does to meet that goal
 - Problem: "Time Critical" conditions on IA panel
 - -Solution: Enhance structures and processes with the goal that every baby has the same opportunity for a healthy life regardless of which day or where they are born in Iowa.
- Reason for participating in the CoIN project and NewSTEPS360 project to improve timeliness
- How to use the structures effectively



Message

- The laws in Iowa regarding newborn screening
- How important submitter role is in the system
 - Need to make sure both collection and transit processes complement each other and are helping to reach the best outcome for each baby.
 - Multiple people and departments involved and important to know how each piece fits in the puzzle
- Quality of sample and filling out the form is part of timeliness

Data used to help inform

Data specific for facility

Facility	Fac ID	City	ECU	Wgt	Tran	Gest	PQ	Total
[REDACTED]	79	[REDACTED]	1	1	1	2	3	177
			0.56%	0.56%	0.56%	1.13%	1.69%	
IOWA TOTAL			181	237	263	180	310	30947
			0.58%	0.77%	0.85%	0.58%	1.00%	

ECU=Early Collection Unknown

Wgt= Unknown weight

TRAN=Unknown transfusion status

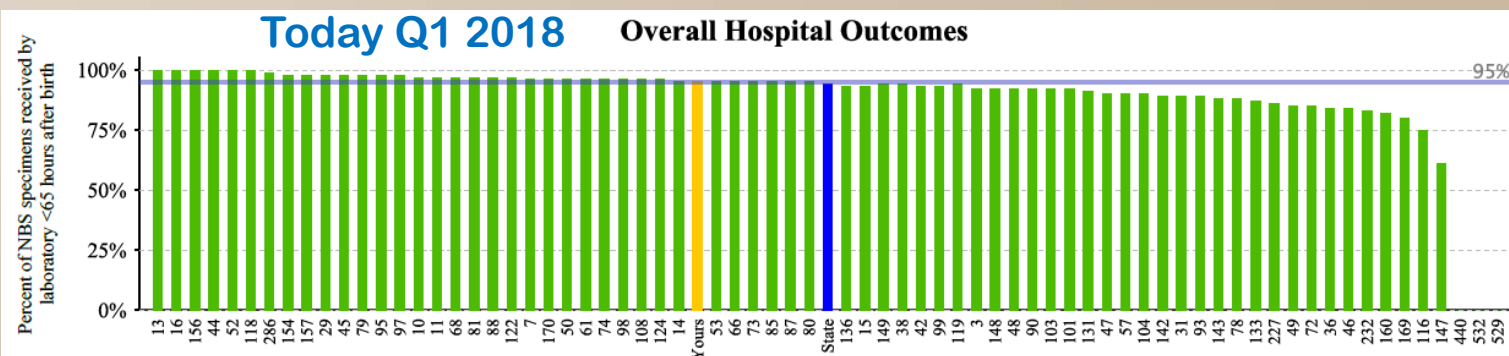
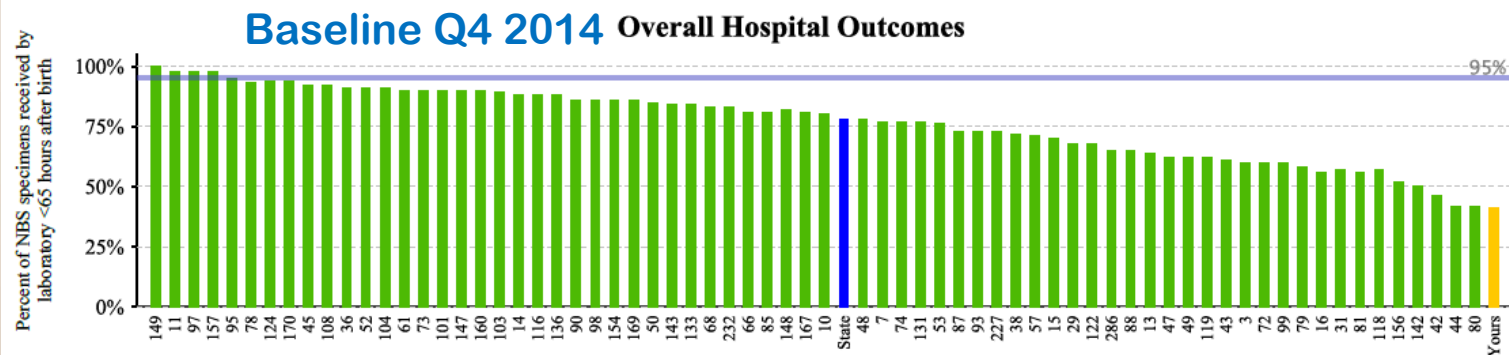
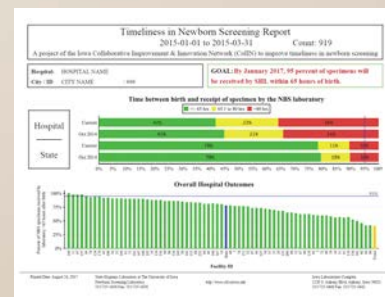
Gest=Unknown gestational age

PQ=poor quality collection

Communication tool

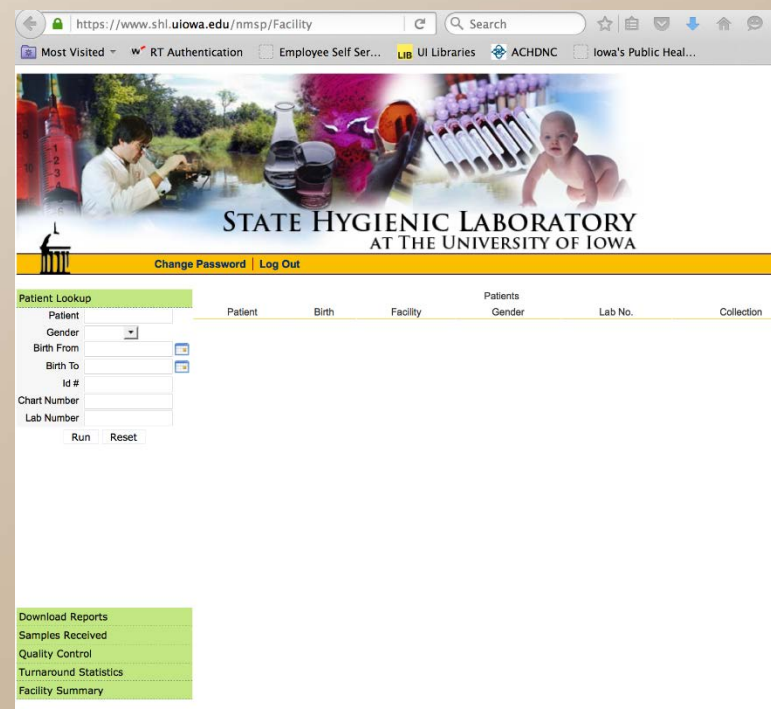
CollN reports emailed

- Monthly: >200 initial samples/yr
- Quarterly :<200 initial samples/yr
- Currently only going to birthing facilities



Access to data

- The State Hygienic Lab web portal provides access to many data reports.
- Established reports available include:
 - Patient lookup
 - Samples received
 - Quality control
 - Turnaround statistics
 - Facility summary
- Newborn screening staff to request custom data.



The screenshot shows the web portal for the State Hygienic Laboratory at the University of Iowa. The browser address bar displays <https://www.shl.uiowa.edu/nmsp/Facility>. The page features a header with a banner image of laboratory equipment and a baby, with the text "STATE HYGIENIC LABORATORY AT THE UNIVERSITY OF IOWA". Below the banner is a navigation bar with "Change Password" and "Log Out" links. The main content area is titled "Patient Lookup" and contains a search form with fields for Patient, Gender, Birth From, Birth To, Id #, Chart Number, and Lab Number. There are "Run" and "Reset" buttons at the bottom of the form. A table with columns for Patient, Birth, Facility, Patients Gender, Lab No., and Collection is visible but empty. At the bottom left, there is a "Download Reports" section with links for "Samples Received", "Quality Control", "Turnaround Statistics", and "Facility Summary".



Resources shared

STATE HYGIENIC LABORATORY AT THE UNIVERSITY OF IOWA

Account Home Order Entry Tracking Account Profile Logout

Tracking Number: Submit Tracking Number Shipments... 90 Days Past 30 Days Past 90 Days

Orders processed within the past 90 days ...

Tracking Number	Package Type	Entered	Picked-Up	Delivered
1476793980	NBS Envelope (A)	October 18th, 2016 at 07:33 AM	October 18th, 2016 at 02:47 PM	October 18th, 2016 at 07:49 PM
1476537510	NBS Envelope (A)	October 15th, 2016 at 08:18 AM	October 15th, 2016 at 03:21 PM	October 15th, 2016 at 08:47 PM
1476192987	NBS Envelope (A)	October 11th, 2016 at 08:36 AM	October 11th, 2016 at 12:34 PM	October 11th, 2016 at 07:14 PM
1476015837	NBS Envelope (A)	October 9th, 2016 at 07:23 AM	October 9th, 2016 at 02:46 PM	October 9th, 2016 at 07:50 PM
1475943192	NBS Envelope (A)	October 8th, 2016 at 11:13 AM	October 8th, 2016 at 02:16 PM	October 8th, 2016 at 08:08 PM
1475330044	NBS Envelope (A)	October 1st, 2016 at 08:54 AM	October 1st, 2016 at 02:47 PM	October 1st, 2016 at 08:06 PM
1475236538	NBS Envelope (A)	September 30th, 2016 at 06:55 AM	September 30th, 2016 at 01:54 PM	September 30th, 2016 at 08:28 PM
1475064897	NBS Envelope (A)	September 28th, 2016 at 07:14 AM	September 28th, 2016 at 01:49 PM	September 28th, 2016 at 07:56 PM
1474983356	NBS Envelope (A)	September 27th, 2016 at 08:35 AM	September 27th, 2016 at 01:46 PM	September 27th, 2016 at 07:39 PM
1474904520	Styrofoam Tube Mailer (A)	September 26th, 2016 at 10:42 AM	September 26th, 2016 at 02:32 PM	September 26th, 2016 at 07:33 PM
1474641651	NBS Envelope (A)	September 23rd, 2016 at 09:40 AM	September 23rd, 2016 at 12:55 PM	September 23rd, 2016 at 07:32 PM
1474563580	NBS Envelope (A)	September 22nd, 2016 at 11:59 AM	September 22nd, 2016 at 02:00 PM	September 22nd, 2016 at 07:23 PM
1474459532	NBS Envelope (A)	September 21st, 2016 at 07:05 AM	September 21st, 2016 at 03:10 PM	September 21st, 2016 at 08:42 PM
1474370774	Box (A)	September 20th, 2016 at 06:26 AM	September 20th, 2016 at 02:49 PM	September 20th, 2016 at 08:09 PM
1474292978	NBS Envelope (A)	September 19th, 2016 at 08:49 AM	September 19th, 2016 at 02:16 PM	September 19th, 2016 at 07:32 PM

State Hygienic Laboratory at The University of Iowa

Director Christopher Achison greets the members of the IAC of Public Health Association at the laboratory.

Test Results
Clinical Test Results Forms
A-Z Test Menu

Environmental
Air Quality
Analytical Services
Drinks to Contain
Test Water
Surface Water

Newborn & Maternal Screening
Abnormalities
Disorders
Maternal Screening
Newborn Screening

Disease Control
Test Menu
Test Request Forms
Microbiology
Influenza
Molecular Diagnostics
Serology

Center for the Advancement of Laboratory Science
Solutions
Learn
Engage
Partners

Videos
What is a Public Health Laboratory?
Putting Babies First through Newborn Screening
Baby's First Test

News
Shigellosis isolates more than 500
A Shigellosis outbreak in the state has isolated more than 500 people from about 100 to 150 cases. Shigellosis is a gastrointestinal disease caused by the shigella bacteria that can be spread by person-to-person contact or by infected food.
Quadruple Flu into Winter Games
The American golf(®), Iowa's state flag, will be the major symbol on the state team in front of Lambert. IAC - Regenera Resource Center for the 20th annual

Connect
State Hygienic Laboratory
State Hygienic Laboratory
Wonder how this influenza season compares to last year's? Our Dr. Vlad Avdeyev, MD, PhD



Additional Resources

- ▶ Listserv – Listserv maintained by CCID. Can include anyone. Right now goes to NBS partners – labs, clinical, some providers. Anyone can reply or post a message to the listserv
- ▶ INSP staff – Use us!
- ▶ Each other – You are the experts



Story time



Program Communication Tracking Tool

- Problem:** Multiple people interacting with various stakeholders and not a systematic way to capture and share those interactions with the NBS program team.

- Idea:** use communication tracking tool

Education Opportunity Summary	
Date and time of Visit/Contact	
Length of visit	
Facility ID #	
Facility Name	
Facility Address	
Facility City	
Facility State	
Attendees from Facility:	
Name/Title/role in NBS	
phone/Email address	
Name/Title/role in NBS	
phone/Email address	
Name/Title/role in NBS	
phone/Email address	
Name/Title/role in NBS	
phone/Email address	
Who does NBS?	
Additional Resources Needed	i.e. educational supplies, drying racks, web access information, refusal forms, questions about processes (Lab, STFU, IDPH, etc)
Action Steps required	need to contact Lab, STFU, SML, IT, Piper, etc. to help client with resources needed
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Thank you

ashley-comer@uiowa.edu

515-725-1525

Mission: The State Hygienic Laboratory at the University of Iowa protects and improves quality of life by providing reliable environmental and public health information through the collective knowledge and capabilities of our organization.

