

ALNBS 3.1 Release End User Training

**Satellite Conference and Live Webcast
Wednesday, March 10, 2010
8:30 - 11:30 a.m. Central Time**

Produced by the Alabama Department of Public Health
Video Communications and Distance Learning Division

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What's New in 3.1?

- **New ALNBS Home Page (Dashboard)**
- **Public Health Case Reporting**
- **Manage Associations**
- **Contact Tracing**

The ALNBS Dashboard

ALNBS Dashboard Functions

- **Move away from simple "white space" to state-specific display of customizable system and other functions**
 - **Patient search**
 - **My Queues**
 - **My Reports**
 - **News Feeds**
 - **Analysis, Visualization, Reporting (AVR)**

ALNBS Dashboard Functions

- The Home Page now provides a series of 'widgets' that are
 - Customizable by states
 - Provide a 'dashboard'-type view for users

ALNBS Dashboard Functions



ALNBS Dashboard Functions: Patient and Event Searches

- Allows users to find patients in the system using either a Demographic Search or an Event ID Search

ALNBS Dashboard Functions: Patient and Event Searches

- Demographic Search

The screenshot shows the Patient Search dialog box. It has a title bar 'Patient Search' and a search type selector with radio buttons for 'Demographics' (selected) and 'Event'. Below the selector are input fields for Last Name, First Name, DOB, Current Sex, and Patient ID. At the bottom are Search and Clear buttons.

ALNBS Dashboard Functions: Patient and Event Searches

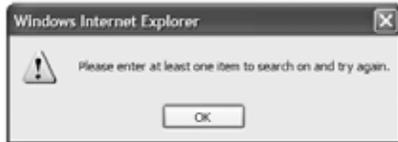
- Event ID Search

The screenshot shows the Patient Search dialog box. It has a title bar 'Patient Search' and a search type selector with radio buttons for 'Demographics' and 'Event' (selected). Below the selector is an input field for 'Event ID Type'. At the bottom are Search and Clear buttons.

ALNBS Dashboard Functions: Patient and Event Searches

- The user must enter at least one search criterion before performing a search
 - If the user does not enter at least one search criterion, he/she will be prompted to enter at least one

ALNBS Dashboard Functions: Patient and Event Searches



ALNBS Dashboard Functions: My Reports

- Allows users access to their current Private Reports
 - If there are no Private Reports no content will display

ALNBS Dashboard Functions: My Reports

A screenshot of a web application window titled "My Reports". It contains a table with three columns: "Report Title" and "Date Created".

	Report Title	Date Created
Run	MG_Aggregate_Report	11/03/2009
Run	MG_Hep Report	05/02/2006
Run	MG_Case_Counts	04/27/2006

ALNBS Dashboard Functions: My Queues

- User access to work queues is based on assigned permissions
 - Users will see all the queues they are used to seeing based on their system permissions

ALNBS Dashboard Functions: My Queues

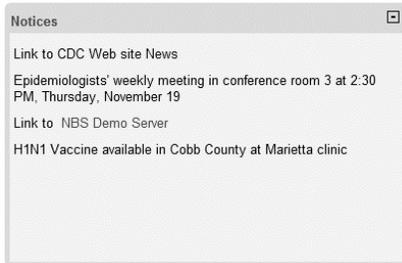
A screenshot of a web application window titled "My Queues". It displays a list of queues with their respective counts.

○	Approval Queue for Initial Notifications (1)
○	Updated Notifications Queue (7)
○	Rejected Notifications Queue (6)
○	Documents Requiring Security Assignment (291)
○	Documents Requiring Review (74)

ALNBS Dashboard Functions: Locally-defined Notices

- User will see any notices (e.g. announcements, etc.) created by the system admin via the Home Page LDF function

ALNBS Dashboard Functions: Locally-defined Notices



ALNBS Dashboard Functions: News Feeds

- RSS (Real Simple Syndication) feeds that have been set up by the system admin via the NEDSS properties file

ALNBS Dashboard Functions: News Feeds



ALNBS Dashboard Functions: Metrics/AVR Viewer

- User views charts and graphs depicting metrics valid to him or her
- The user selects one of the following from a drop-down menu
 - All cases created in the last 7 days to which the user has access

ALNBS Dashboard Functions: Metrics/AVR Viewer



ALNBS Dashboard Functions: Metrics/AVR Viewer

- User views charts and graphs depicting metrics valid to him or her
- The user selects one of the following from a drop-down menu
 - All lab reports created in the last 7 days to which the user has access

ALNBS Dashboard Functions: Metrics/AVR Viewer



ALNBS Dashboard Functions: Metrics/AVR Viewer

- User views charts and graphs depicting metrics valid to him or her
- The user selects one of the following from a drop-down menu
 - All current confirmed case counts
 - NOTE: use scroll bar to select other views

ALNBS Dashboard Functions: Metrics/AVR Viewer

Condition	Current MMWR Week	MMWR YTD
African Tick Bite Fever	0	39
Amebiasis	0	1
Annesic shellfish poisoning	0	1
Anaplasma phagocytophilum	0	1
Anthrax	0	1
Aseptic meningitis	0	2
Babesiosis	0	1
Bacterial meningitis, other	0	8
Brucellosis	0	1
Campylobacteriosis	0	1
Cat scratch fever (Bartonellosis)	0	2
Chlamydia Infection	0	1

ALNBS Dashboard Functions: Metrics/AVR Viewer

- User views charts and graphs depicting metrics valid to him or her
- The user selects one of the following from a drop-down menu
 - All cases assigned in the last 14 days by investigator

ALNBS Dashboard Functions: Metrics/AVR Viewer



Public Health Case Reporting Importing Documents

Assign Document Security: Documents Requiring Security Assignment

Date Received	Type	Program Area	Jurisdiction	Patient	Test/Condition	Local ID
11/20/2008	Lab Report		Chatahoochee	James_Monroe	Acid-Fast Stain	OBS 10103000 GA 01
11/20/2008	Case Report	GCD		James_Monroe	Col. Starch Exam	DOC10103000 GA 01
11/20/2008	Case Report	Reprints		James_Monroe	Reprints	DOC10103000 GA 01
11/19/2008	Case Report	GCD		James_Monroe	Acidfast	DOC10103000 GA 01
11/19/2008	Case Report	GCD		James_Monroe	Alison Tick Size Exam	DOC10103000 GA 01
11/19/2008	Morbidity Report	VFD		James_Monroe	Ureaplasma (Chickerson)	DOC10103000 GA 01
11/19/2008	Morbidity Report	GCD		James_Monroe	Acidfast	DOC10103000 GA 01
11/19/2008	Lab Report		DeKalb	James_Monroe	Acid-Fast Stain	OBS 10103000 GA 01
11/18/2008	Lab Report		DeKalb	James_Monroe	Acid-Fast Stain	OBS 10103000 GA 01
11/18/2008	Lab Report		Cherokee	James_Monroe	Acid-Fast Stain	OBS 10103000 GA 01
11/18/2008	Lab Report		Cherokee	James_Monroe	Acid-Fast Stain	OBS 10103000 GA 01

Documents Requiring Security Assignment: Transfer Ownership

- Documents NOT associated with an investigation

Transfer Ownership

Transfer DOC10103000 GA01 to:

* Program Area:

* Jurisdiction:

Documents Requiring Security Assignment: Transfer Ownership

- Documents associated with an investigation

Transfer Ownership

Transfer DOC10103000 GA01 to:

* Program Area:

* Jurisdiction:

NOTE: This Document is associated with an Investigation . Transferring this Document will not result in the Investigation being transferred .

This note will appear if the Document is associated with an Investigation

Transfer Ownership: Feedback Messages

- Feedback message if transfer is invoked from a document that was accessed from a queue

Case Report DOC 10103000 GA 01 for James Monroe has been successfully transferred to Chattahoochee County jurisdiction with a program area of GCD . [Click Here](#) to view the patient's File .

Transfer Ownership: Feedback Messages

- Feedback message if transfer is invoked from a document that was accessed from a patient's file

Case Report DOC 10103000 GA 01 has been successfully transferred from Chattahoochee County jurisdiction to Shelby County jurisdiction .

Documents Requiring Review: Unprocessed Documents

- An unprocessed document (e.g., in the Documents Requiring Review queue) can be processed through one of the following system functions
 - Mark as Reviewed
 - Create Investigation
 - Transfer Ownership
 - Delete

Documents Requiring Review: Mark as Reviewed

- Click the Test/Condition link to display Document Viewer for Document types

Documents Requiring Review: Mark as Reviewed

Date Received	Type	Jurisdiction	Patent	Test/Condition	Local ID
11/20/2009	Lab Report	Cheshanocher	Johnson, Stuart	Anti-Fur Data	CRS 1010025 GA-01
11/20/2009	Case Report	Fulton	Stacy, John	Sub-Strain Report	DOC 1010025 GA-01
11/20/2009	Case Report	Fulton	Johnson, Dennis	Immunity - Adult	DOC 1010025 GA-01
11/19/2009	Case Report	Colfax	Stacy, John	Adult	DOC 1010025 GA-01
11/19/2009	Case Report	Fulton	Mason, Martin	Abacus Tick-Bite Exam	DOC 1010025 GA-01
11/19/2009	Morbidity Report	Cheshanocher	Shaw, Martin	Immunity (checkresponse)	DOC 1010025 GA-01
11/19/2009	Morbidity Report	Shelby	Johnson, David	Adult	DOC 1010025 GA-01
11/19/2009	Lab Report	DeKalb	Smith, Ken, James	Anti-Fur Data	CRS 1010025 GA-01
11/19/2009	Lab Report	DeKalb	McIntosh, John	Anti-Fur Data	CRS 1010025 GA-01
11/19/2009	Lab Report	Clayton	Johnson, David	Immunity - Adult	CRS 1010025 GA-01

Documents Requiring Review: Mark as Reviewed

View Document

Case Report: Novel Influenza A Virus Infections

Message Type: Case Report - Novel Influenza A Virus Infections

Message Facility: 1010025

Message Creation Date: 2009-11-20 10:30:00

Message Status: Final

Document Type: Case Report

Description: Case Report - Novel Influenza A Virus Infections

Report Name: Matthew Foley

File Attach: 11/20/09

View

Documents Requiring Review: Mark as Reviewed

- Click “Mark as Reviewed” to indicate the document has been reviewed

View Document

Mark As Reviewed | Create Investigation | Transfer Ownership | Delete

Jurisdiction: West

Patient ID: 205044

Matthew Foley | Male | 01/01/1970

Case Report: Novel Influenza A Virus Infections

Documents Requiring Review: Mark as Reviewed

- User should expect to see the validating message below
- “Mark as Reviewed” is no longer available as an option

View Document

Case Report DOC10004060GA01 for Matthew Foley has been successfully Marked As Reviewed.

Create Investigation | Transfer Ownership | Delete

Jurisdiction: West

Patient ID: 205044

Matthew Foley | Male | 01/01/1970

Documents Requiring Review: Creating an Investigation

- Click “Create Investigation”

View Document

Case Report DOC10004060GA01 for Matthew Foley has been successfully Marked As Reviewed.

Create Investigation | Transfer Ownership | Delete

Jurisdiction: West

Patient ID: 205044

Matthew Foley | Male | 01/01/1970

Documents Requiring Review: Creating an Investigation

- User selects a condition from the drop-down menu if the Case Report's condition doesn't exist in NBS
 - User clicks “Submit”

Documents Requiring Review: Creating an Investigation

Home | Data Entry | Merge Patients | Open Investigations | Reports | System Admin | Help | Logout

Select Condition User Full Test **Loco**

Please select a condition:

New Influenza A Virus Infections

Submit Cancel

Documents Requiring Review: Creating an Investigation

- Data from Case Report Document maps into the Investigation
 - User creates Investigation as usual

Documents Requiring Review: Creating an Investigation

Create Investigation User Full Test

Patient ID: 250048

Name: Matthew Folley DOB: 01/01/1970 Current Sex: Male

Patient: New Influenza A Virus Infections

Investigation Summary | Reporting Source | Clinical | Epidemiologic | Administrative

Investigation Summary

* Jurisdiction: West

Documents Requiring Review: View an Investigation

- “Associated Documents” is a new section added to the “View Investigation” page
 - The section contains a link to the original Case Report in the Document Viewer display

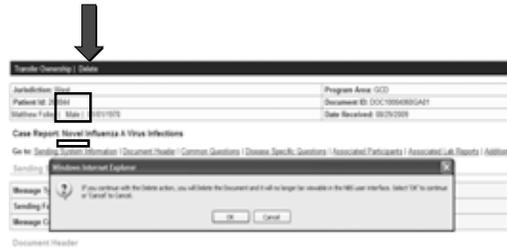
Documents Requiring Review: View an Investigation

Date Received	Type	Purpose	Description	Document ID
08/23/2019	Case Report	Share	New Influenza A Virus Infections	DOC19060602A01

Documents Requiring Review: View an Investigation

- To delete a Case Report Document from the Documents Requiring Review queue
 - User clicks “Delete”
 - System displays the “double-dare” pop-up
 - User clicks “OK” or “Cancel”

Documents Requiring Review: View an Investigation



Documents Requiring Review: Transfer Ownership

- When transferring Document ownership
 - Screen “grays out”
 - Pop-up box to direct transfer is displayed
 - User selects a Jurisdiction from the drop-down menu
 - User clicks “Submit” or “Cancel”

Documents Requiring Review: View an Investigation



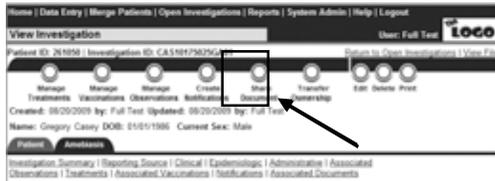
Public Health Case Reporting Exporting Investigations and Observations

Exporting from the NBS

- Exporting from the NBS can be done in two ways
 - Share
 - Transfer Ownership

Exporting from the NBS: Share Document

- User clicks the “Share Document” button



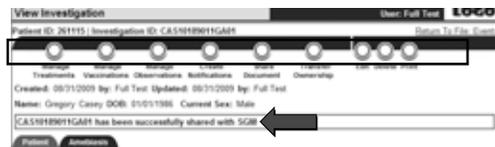
Exporting from the NBS: Share Document

- Screen “grays out” and dialog box is displayed



Exporting from the NBS: Share Document

- A confirmation message is displayed indicating the investigation has been successfully shared and with whom



Exporting from the NBS: Transfer Ownership

- User selects the investigation to be transferred out of the system



Exporting from the NBS: Transfer Ownership

- User clicks the “Transfer Ownership” button



Exporting from the NBS: Transfer Ownership

- User clicks the “Transfer Ownership” button and selects “Out of System”

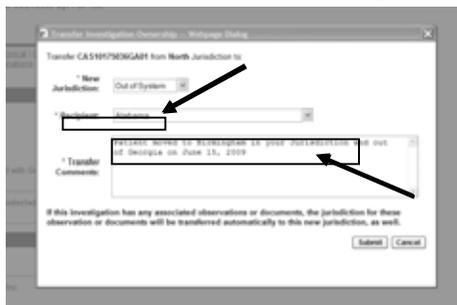
Exporting from the NBS: Transfer Ownership



Exporting from the NBS: Transfer Ownership

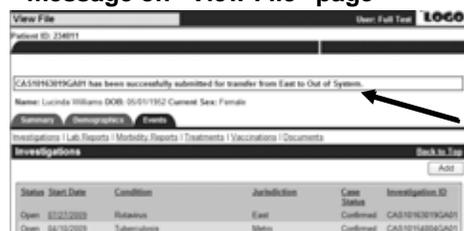
- User selects the recipient system from the drop down list and enters comments and clicks “Submit”

Exporting from the NBS: Transfer Ownership



Exporting from the NBS: Transfer Ownership

- System displays a confirmation message on “View File” page

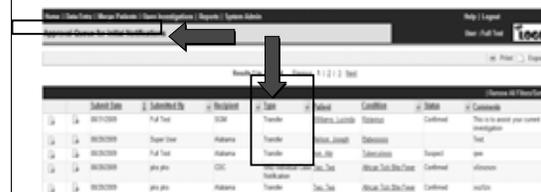


Exporting from the NBS: Transfer Ownership

- System always transfers the investigation to the Approval Queue for Initial Notifications*

* Regardless of permissions

Exporting from the NBS: Transfer Ownership



Manage Associations

Manage Associations

- In previous releases, three buttons were required to manage
 - Laboratory Reports
 - Morbidity Reports
 - Vaccinations
 - Treatments

Manage Associations



Manage Associations

- Manage Associations
 - One button gives access to managing Laboratory Reports, Morbidity Reports, Vaccinations, and Treatments

Manage Associations



Manage Associations Screen



Manage Associations

- Users can manage the functions displayed on this page as they are used to doing in previous releases of the NBS

Manage Associations

- The Manage Associations screen consolidates the management of associating various objects needed to enhance the Investigation record such as Laboratory Reports, Morbidity Reports, Vaccination information, and Treatments information

Contact Tracing

Contact Tracing

- View the new Contact Tracing tab: Risk Assessment

Contact Tracing

- View the new Contact Tracing tab: Add/Manage Contact Record

Contact Tracing

- Add Contact Tracing Record: Patient Search

Contact Tracing

- View/Edit Contact Tracing Record

View Contact Record

Name: Joe Arthur Workman Sex: Male DOB: 03/03/1988 Patient ID: 339021
Local ID: CON1000002GAS1 Condition: Pertussis Disposition: Confirmed Case
Created: 12/11/2009 By: Hugh Kelsey Updated: 12/18/2009 By: Hugh Kelsey

Contact Contact Record Contact Follow Up Supplemental Info

Contact Tracing

- Add Contract Tracing Record
 - Contact Tab
 - Demographic information

Contact Tracing

View Contact Record

Name: Joe Workman Sex: Male DOB: 11/29/1982 Patient ID: 342000
Local ID: CON1000002GAS1 Condition: Pertussis Disposition: Confirmed Case
Created: 12/14/2009 By: Hugh Kelsey Updated: 12/14/2009 By: Hugh Kelsey

Contact Contact Record Contact Follow Up Supplemental Info

Information As of Date: 12/14/2009

Comments

Name Information
Name Information As Of Date: 12/14/2009
First Name: (Mr)
Middle Name:
Last Name: Workman
Suffix:

Other Personal Details
Sex & Birth Information As Of Date: 12/14/2009
Date of Birth: 11/29/1982

What's Next in 2010? NBS 4.0 Disease Module Builder

What is a DMB?

- The system components that enable the generation and maintenance of Disease Modules based on the needs of implementation sites
 - Generation and configuration of disease specific electronic forms

What is a DMB?

- Administration of disease specific vocabulary based on CDC PHIN Vocabulary Access and Distribution System (VADS) content
- Implementation of disease specific validations and user interface behaviors

What is a DMB?

- Configuration of flat files containing disease specific data for analysis in the Reporting Database
- Ability to extract data elements needed for disease reporting to CDC based on the message Structure Specification for National Condition Reporting v.2 and disease specific CDC PHIN Case Notification Implementation Guidelines

What is a DMB?

- Ability to version, import, and export disease modules to promote sharing amongst implementation sites
- Allow implementation sites to integrate Disease Modules with NBS Enterprise Services
- Allow implementation sites to port existing disease module data to new disease module implementation

Questions?