

## The Electronic Disease Notification System (EDN)

Jane Moore, RN, MHSA  
2013 TB/Refugee Nurse Training

---

---

---

---

---

---

---

---

### EDN

- Streamlined notification system
  - Arrival and locator information for:
    - all incoming refugees
    - Immigrants with classified medical conditions
      - TB of primary interest
  - Medical records, including information
  - Conduit for providing outcomes back to CDC

---

---

---

---

---

---

---

---

### EDN Background

- Immigrants and refugees required to undergo TB screening/medical examinations before entering US.
- Overseas medical documents—for all refugees and only immigrants with medical conditions such as TB—are collected at one of 20 CDC quarantine stations .



---

---

---

---

---

---

---

---

### EDN Background Cont.

- Refugees and immigrants with culture- or smear-positive TB are treated prior to arrival in the US.
- EDN notifies state/local health departments of the results of overseas medical examinations for all refugees and selected immigrants with classified conditions.
- In October 2008, EDN completely replaced the previous paper-based system.
- Results of post-arrival TB evaluations are into EDN (TB follow up forms).

---

---

---

---

---

---

---

---

### EDN Data Entry Center

- Located outside of Atlanta
- 11 data entry clerks and 1 manager
- Paperwork collected at Quarantine stations is sent directly to the EDN Data Entry Center for entry into EDN
- EDN helpdesk (hours 6:00-2:30 EST)

---

---

---

---

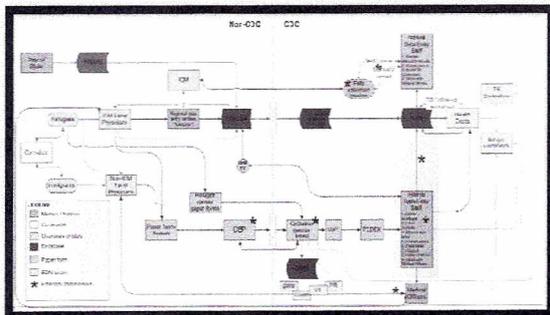
---

---

---

---

### EDN Information Flow



---

---

---

---

---

---

---

---

## Notification

- Every night at 9pm EST
- From edn@cdc.gov (also the HelpDesk email address)
- Sent to user-reported email address
- Generic email; no identifying content included

Subject: New Notification  
 Your program has received new notification:  
<http://sdn.cdc.gov/>  
 Specific alien information is not included  
 ensure handling conforms to applicable law  
 policy requirements regarding privacy.

---

---

---

---

---

---

---

---

---

---

## EDN login

- Via sdn.cdc.gov
  - With your digital certificate installed and your challenge phrase provided




---

---

---

---

---

---

---

---

---

---

## EDN home screen

- Admin Tasks
  - Update user profile
- EDN Workflow
- Help
  - Contacts
  - EDN guides




---

---

---

---

---

---

---

---

---

---

### EDN Workflow



- The EDN Workflow is a menu of the functions you can choose in the EDN system to complete your health department assignment.
- Most of your work in EDN will be accomplished with the functions in the EDN Workflow.

---

---

---

---

---

---

---

---

### Alien List



- View a list of newly arrived refugees and immigrants.
- Retrieve Alien Information for a specific refugee or immigrant.
- View the medical history and overseas examination for an alien in your jurisdiction.
- View the scanned documents for an alien in your jurisdiction.
- Update the address for an alien in your jurisdiction.

---

---

---

---

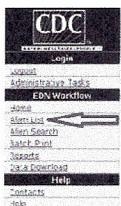
---

---

---

---

### Alien List



- Access and print a TB Follow-Up Worksheet for a specific alien.
- Obtain an address history for a specific refugee or immigrant.
- Check the status of medical follow-up for a specific alien.
- Export data about an alien to an Acrobat or Excel format.

---

---

---

---

---

---

---

---

### Alien List cont.

- Sortable on all columns
- "New Alien" checkbox
  - Removed when you access alien
  - Can manually re-check

NAME	DATE	STATUS	...
...	...	...	...
...	...	...	...

---

---

---

---

---

---

---

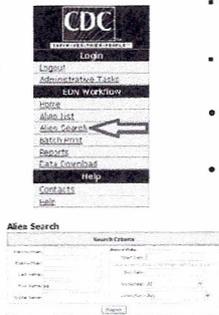
---

---

---

### Alien Search

- All aliens – even in other jurisdictions
- Default search is for the past year, but can expand over life of system
- The alien number is a randomly assigned nine-digit identifier.
- If you encounter an alien number with only seven digits or eight digits, add one or two zeros (00) at the beginning of the number (e.g., 001-234-987).




---

---

---

---

---

---

---

---

---

---

### Alien Search

- You can enter a partial name if you do know the spelling of the entire name.
- The "Start Date" must be early enough to include the date the alien arrived in the United States. The EDN system includes aliens who have arrived in the past year and archives those who arrived more than 1 year ago.




---

---

---

---

---

---

---

---

---

---

## When to use Alien Search

- Find an alien's records quickly without looking through the Alien List.
- Find family members of an alien.
- Search for an alien in other jurisdictions.
- Find records for an alien who has moved into your jurisdiction from another U.S. jurisdiction.
- Check the status of an alien's medical follow-up.




---

---

---

---

---

---

---

---

---

---

---

---

## Individual Alien functions



Click on an alien number from Alien List or Alien Search  
The Alien Information screen for a refugee provides you with:

- Name
- Arrival date
- Quarantine Station
- Voluntary agency (VOLAG)
- Contact information for sponsor(s)
- Date of birth
- Sex
- Place of Birth
- Identifying information for all aliens with the same File Number
- Demographics
- Pre-Departure Medical Screening (includes pre-departure vaccinations, anti parasitic and anti helminthic treatments)

---

---

---

---

---

---

---

---

---

---

---

---

## Individual Alien functions cont.



- To save/export Alien Information
  - Click on the save/export icon.
  - Click on Acrobat or Excel format.
  - Click on "Export" to download the form to the format you have chosen
  - With this function, you can save the form to your hard drive or print a hard copy for your files

---

---

---

---

---

---

---

---

---

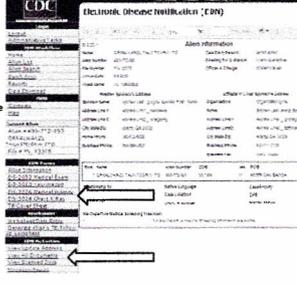
---

---

---

## Viewing DS Forms

- Can open forms individually
- Can open all documents at once
  - EDN generates all documents available for the alien
- Can open scanned documents
  - Reception and Placement Program Assurance form (for refugees only)
  - DS-2053 or DS-2054 Medical Examination form
  - Medical History and Physical Examination Worksheet
  - Chest X-Ray and Classification Worksheet
  - Vaccination Worksheet
  - Lab Report
  - X-Ray Report
  - Photo
  - Psychological evaluation




---

---

---

---

---

---

---

---

## Migration Report



- History of an alien's residence in the United States
  - Alien name
  - Alien number
  - File number (if available)
  - Visa type
  - Quarantine Station where the alien entered the United States
  - Status of the TB Follow-Up Worksheet for aliens who entered the United States with a TB condition

---

---

---

---

---

---

---

---

### What should I do if an alien arrives in my jurisdiction before I receive notification from EDN?

- Maintain ongoing communication with Voluntary Agency (VOLAG) to alert about incoming aliens prior to EDN notification.
- If you become aware of a new arrival for whom you have not received a notification and EDN forms:
  - Contact the Newcomer Health Program at 804-864-7910.
  - Provide the alien number, port of arrival, and arrival date.

---

---

---

---

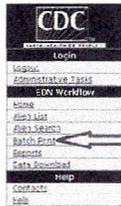
---

---

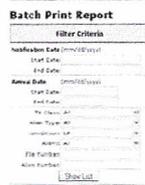
---

---

## Batch Print



- Allows you to define a specific group of aliens and generate their electronic records in a single file
- Export batch of records to an Acrobat pdf file and print or save
- Filter by any of the listed criteria




---

---

---

---

---

---

---

---

---

---

## Reports

### EDN Reports



#### The Alien List Report

- Line list of aliens by entering one or more filter criteria
- The report can be downloaded to an Excel format or an Acrobat pdf file to be printed or saved on your hard drive.

---

---

---

---

---

---

---

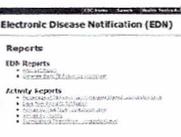
---

---

---

## Reports

### EDN Reports



#### The TB Follow Up Worksheet

- Captures information from the U.S. follow-up medical examination of new arrivals in your jurisdiction.
- Worksheets linked to the alien record if the alien has a TB condition
- When the Worksheet is completed, you can enter data from the Worksheet into the EDN system and transfer them electronically to CDC

---

---

---

---

---

---

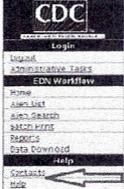
---

---

---

---

## Help



- **Contacts**
  - EDN Helpdesk - 1-866-226-1617
  - State and local contacts
  - Quarantine Stations
  - CDC users
- **Help**
  - Useful documents
  - EDN Quick help guide is a guide of how to use EDN
  - TB Follow-Up Guide is in depth review of how to enter TB Follow up information
  - New online course for new users will be uploaded by early October (will only be available within EDN)

**Help Links**

- [Home](#)
- [FAQ](#)
- [Quick Start Document](#)
- [TB Follow-Up Guide](#)
- [EDN Helpdesk: 1-866-226-1617](#)
- [EDN Helpdesk: Email: ednhelp@cdc.gov](#)

---

---

---

---

---

---

---

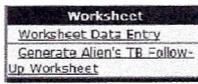
---

---

---

## TB Follow-Up Module

- Monitors and tracks immigrants and refugees who arrive to the U.S. with a TB Class condition
- Upon U.S. arrival, EDN notification of an arrival with a TB class condition
- EDN allows access to Department of State overseas medical forms
  - Overseas medical history
  - TB Class condition details
  - Overseas TB therapy



---

---

---

---

---

---

---

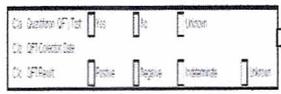
---

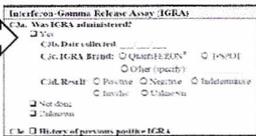
---

---

## Revised TB Follow-Up Worksheet

- Released 11/8/13 for use in 2014
- Updates
  - Updates made to multiple sections to increase user friendliness, facilitate accurate reporting, and improve overall organization.





---

---

---

---

---

---

---

---

---

---

EDN Helpdesk

1-866-226-1617 or

[edn@cdc.gov](mailto:edn@cdc.gov)

---

---

---

---

---

---

---