

# U.S. Public Health Travel Restriction and Intervention Tools

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# Department of Homeland Security Tools Available to Public Health Authorities

- ❑ Do Not Board (DNB) List
- ❑ Lookout (LO) List



Source: Robbi Behr, New York Times, May 2006

## **Do Not Board List**

- ❑ **Transportation Security Administration (TSA)**
- ❑ **Prevents persons with (suspect or known) diseases from obtaining boarding passes**
- ❑ **Established in June 2007**
  - **Stringent, multi-layered approval process**
  - **CDC Ethics Workgroup**

## Do Not Board List

- ❑ Applies to foreign nationals and U.S. citizens
- ❑ All flights departing from, arriving into, and flying within the United States
- ❑ DNB list is NOT part of the “No Fly” List
- ❑ International notifications
  - Canada and Mexico notified of every DNB actions
  - Other countries notified per protocol

## **Lookout List**

- ❑ Customs and Border Protection (CBP)**
- ❑ Applies to international arrivals at U.S. airports, seaports, and land borders**
- ❑ Prompts CBP staff to notify CDC quarantine staff when such persons attempt to enter the U.S.**

# Do Not Board and Lookout Lists Placement Criteria

Person with disease of public health concern



# Process for DNB/LO Requests

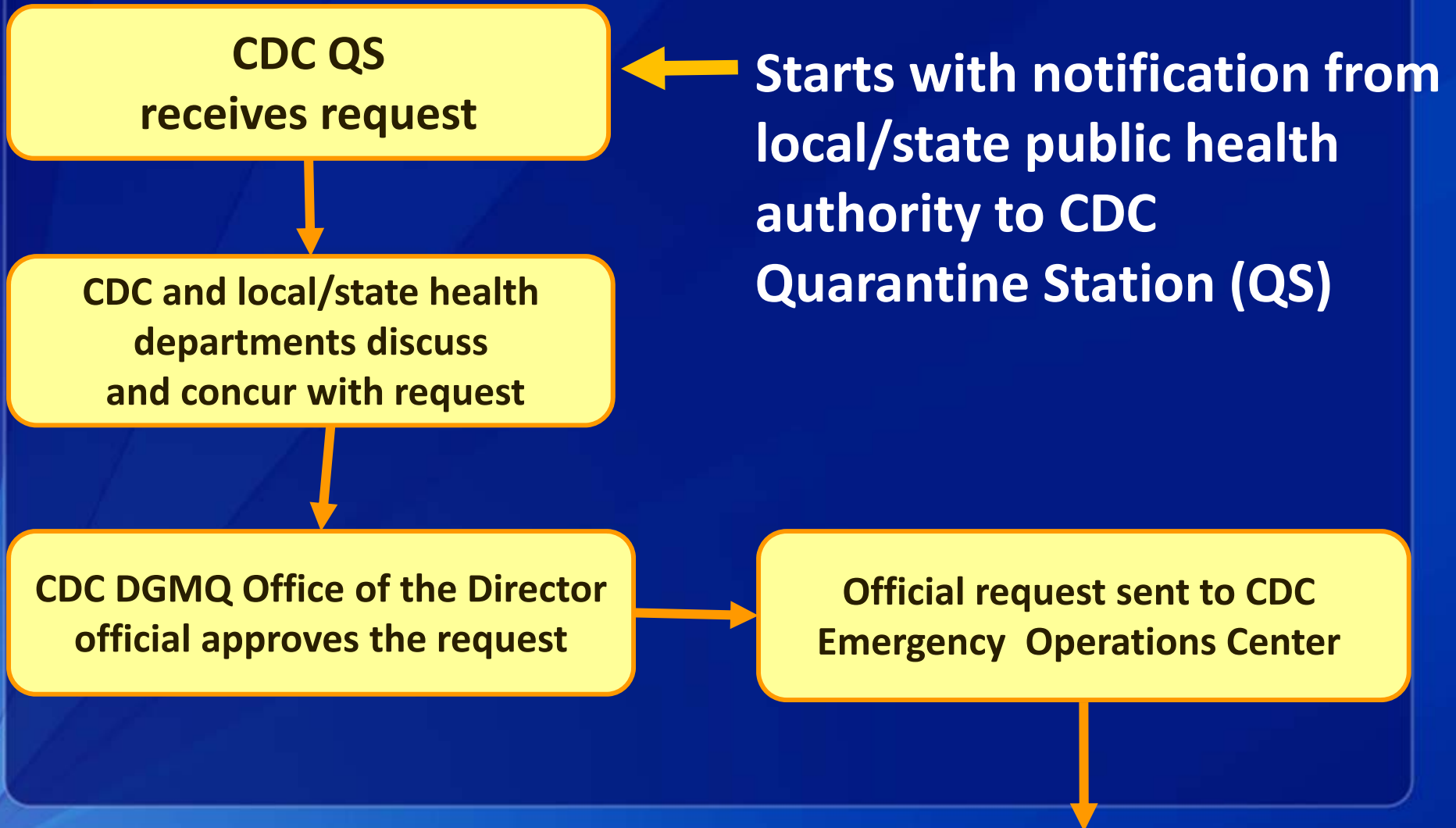
**CDC QS  
receives request**

**Starts with notification from  
local/state public health  
authority to CDC  
Quarantine Station (QS)**

**CDC and local/state health  
departments discuss  
and concur with request**

**CDC DGMQ Office of the Director  
official approves the request**

**Official request sent to CDC  
Emergency Operations Center**



# Process for DNB/LO Requests

Official request to  
Health and Human Services

Official request to DHS

Notification to TSA

Notification to CBP



## Follow Up

- ❑ **Quarantine station staff notifies state and local health authorities when DNB/LO action confirmed**
  - Health department staff notifies the individual
  - Quarantine station staff sends a letter to individual explaining the action
- ❑ **Health department staff work with individual to meet criteria for removal from the lists**

## Follow-Up

- QS staff can request that an airline waive fees associated with changing travel date
- TRIA lead initiates international notifications of public health agencies
  - Department of State
  - Ministry of Health

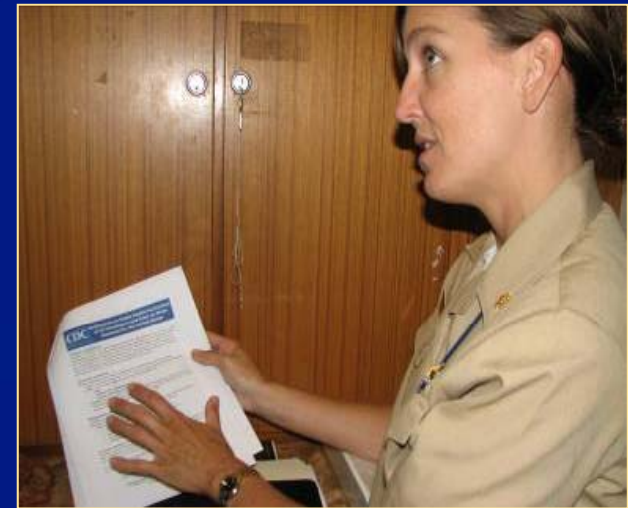


## **Removal from DNB List**

- **Basically the reverse of addition**
- **When the individual is non-contagious**
- **Request for removal is made by the state TB Controller and / or local health department**
- **We review cases at least every 2**
- **We notify the airlines for internal list removal to avoid unnecessary inconvenience to passengers**

# Criteria for Removal from Lists

- **Clarified at time of DNB/Lookout order**
  - DGMQ applies algorithm developed by Division of TB Elimination
- **Generally requires**
  - If not MDR TB, at least 2 weeks of adequate treatment and demonstration of smear negativity
  - If MDR TB, at least 4 weeks of adequate treatment and demonstration of culture negativity



# Time to Add or Remove Individuals from the Lists

- ❑ **On average**
  - 8 hours to add
  - 10 hours to remove
- ❑ **Emergency addition or removal may be requested**

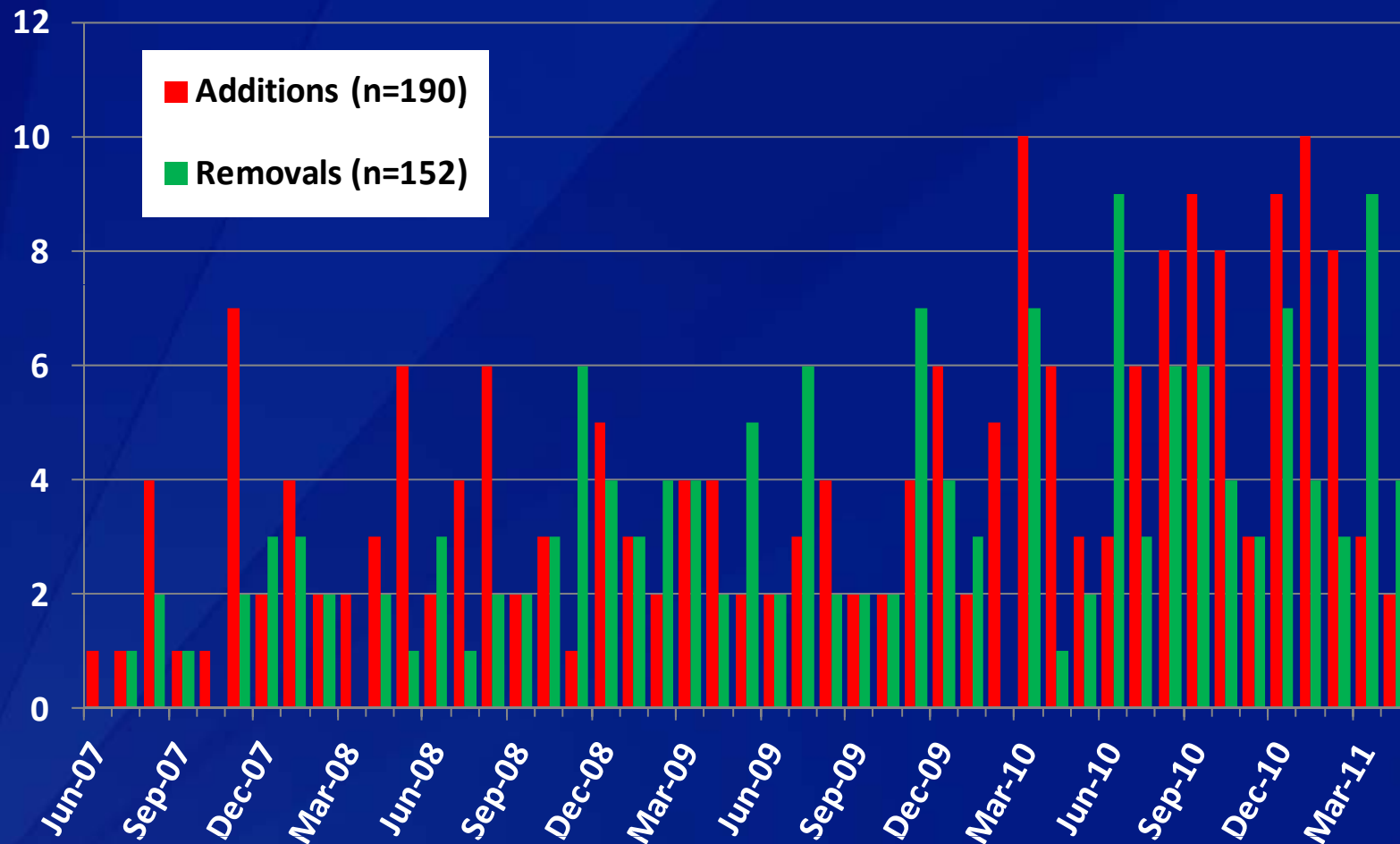
## Travel Restriction Data\*

- 190 total persons added to the DNB/LO
- All because of pulmonary tuberculosis
- 18 persons added at Canada's request
- Removed 152 persons
- 2 persons intercepted by CBP at US-Canada border because of the lookout
- 140 persons continued or returned to treatment after listing

\* Data from May 2007 – April 21, 2011



# Number of DNB Additions & Removals by Month, June 2007– April 21, 2011



## Top 10 DNB/LO Countries of Origin

Country of Origin	Frequency	Percent (%)
United States	45	23.7
Mexico	22	11.6
India	19	10.0
Vietnam	12	6.3
Philippines	9	4.7
China	9	4.7
South Korea	7	3.7
Canada	7	3.7
Mongolia	4	2.1
Russia	4	2.1





# DNB Additions by Source of Request, June 2007– December 2010

CDC : 4  
 Dept of State: 3  
 Canada:14

- No additions
- 1 - 3 DNB Addition
- 4 - 10 DNB Additions
- 11 - 20 DNB Additions
- > 20 DNB Additions

CDC Quarantine Station



## Resources

- ❑ List of CDC quarantine stations with contact information and respective jurisdictions:

<http://www.cdc.gov/quarantine/QuarantineStationContactListFull.html>

- ❑ *Federal Air Travel Restrictions for Public Health Purposes – United States, June 2007 – May 2008*

- Morbidity and Mortality Weekly Report, September 19, 2008

<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5737a1.htm>

# Clearance of Patients with TB for Air Travel (not MDR)\*

AFB Smear	MTB Cx	MDR	Current Tx	Allow to Board	Criteria to remove DNB
+	+	No	N/A	No	3 neg AFB smears and tx for $\geq$ 2 weeks
-	+	No	$\geq$ 1 week	Yes	N/A
-	+	No	<1week	No	Tx $\geq$ 1 week

\*Adapted from CDC Do Not Board Algorithm

MDR=Multi-drug resistance; AFB=Acid-fast bacilli;

MTB=*Mycobacterium tuberculosis*; Cx=culture;

DNB=Do Not Board; N/A=not applicable; Neg=Negative;

Tx=treatment



# Clearance of Patients with TB for Air Travel (MDR)\*

AFB Smear	MTB Cx	MDR	Current Tx	Allow to Board	Criteria to remove DNB
+	+	Yes	N/A	No	3 neg AFB smears and $\geq 2$ neg Cx obtained after $\geq 2$ weeks of Tx and tx for $\geq 4$ weeks
-	+	Yes	N/A	No	$\geq 2$ neg Cx obtained after $\geq 2$ weeks of Tx and Tx for $\geq 4$ weeks

**\*Adapted from CDC Do Not Board Algorithm**  
 MDR=Multi-drug resistance; AFB=Acid-fast bacilli;  
 MTB=*Mycobacterium tuberculosis*; Cx=culture;  
 DNB=Do Not Board; N/A=not applicable; Neg=Negative;  
 Tx=treatment

