

Notification of communicable diseases

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Learning Objectives

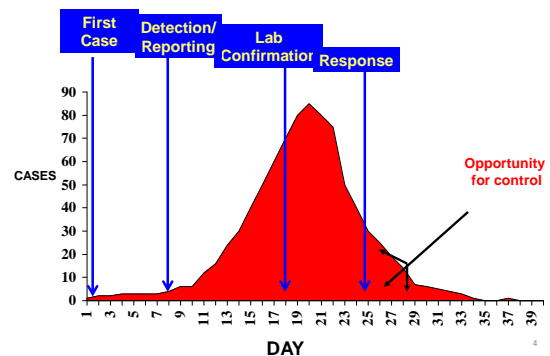
At the end of this lecture student should be able to,

- understand the,
 - importance of notification
 - legal provisions for notification.
- describe the process of notification.
- discuss the uses of notification.
- brief the process of surveillance.

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The importance of notification

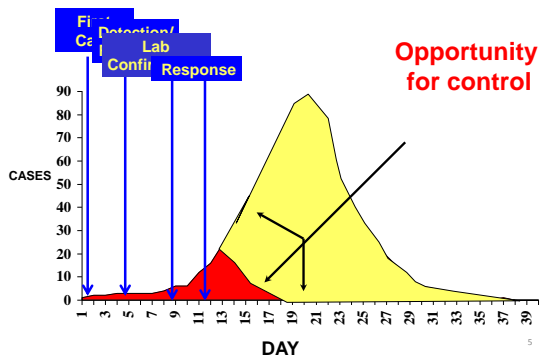
Outbreak Detection and Response



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4

Outbreak Detection and Response



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SURVEILLANCE

The continuous process of,

- systematic collection,
- orderly consolidation and
- evaluation of data with
- prompt dissemination of the results

to those who need to know, particularly
those who are in a position to take action

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Types of surveillance

Based on effort

Active surveillance
Passive surveillance

Based on place

Case based surveillance
Hospital based surveillance
Community based surveillance
Laboratory based surveillance

Based on detail

Routine surveillance
Sentinel surveillance
Special surveillance

The legal provisions for notification

The quarantine and prevention of diseases ordinance of 1897

Every Medical Practitioner or person professing to,

- treat diseases
- or attends on any person suffering from
- any disease set out in column I
- shall notify forthwith
- to the proper authority set out in column II.

The quarantine and prevention of diseases ordinance of 1897 (Contd....)

Any person who contravenes this regulation without lawful authority or excuse shall be guilty of an offence under the Quarantine and Prevention of Diseases Ordinance and such person shall be prosecuted in Magistrate Court under Section 4 of the Ordinance

List of notifiable diseases in Sri Lanka

(Approved by the Advisory Committee on Communicable Diseases on 11th February 2005)

Group A

Column I Disease	Column II Proper Authority	Column III Mode of Notification
Cholera Plague Yellow Fever	Director General of Health Services (DGHS) Deputy Director General (Public Health Services), Epidemiologist, Regional Epidemiologist (RE), Medical Officer of Health (MOH),	By telephone or fax or telegram or and in Notification form I (H-544)

Group B**Proper Authority** – Medical Officer of Health (MOH)**Mode of Notification** - By notification in form I (H-544)**Group B Diseases**

Acute Poliomyelitis/ Acute Flaccid Paralysis

Chicken pox

Dengue Fever/ Dengue Hemorrhagic Fever

Diphtheria

Dysentery

(Contd.....)

13

Group B Diseases (Contd.....)

Encephalitis

Malaria

Enteric Fever

Measles

Food poisoning

Meningitis

Human Rabies

Mumps

Leptospirosis

(Contd.....)

14

Group B Diseases (Contd.....)

Rubella/ Congenital Rubella Syndrome

Simple Continued Fever of 7 days or more

Tetanus/Neonatal Tetanus

Typhus Fever

Viral Hepatitis

Whooping Cough

(Contd.....)

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Group B Diseases (Contd.....)**Sever Acute Respiratory Syndrome (SARS)/
Suspected for SARS**

Proper Authority	Mode of Notification
Director General of Health Services, DDGHS (Public Health Services), Director/Quarantine, Air Port Health Officer, Port Health Officer, Epidemiologist, Regional Epidemiologist (RE), Medical Officer of Health (MOH)	By telephone or fax or telegram or and in Notification form I (H-544)

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Group B Diseases (Contd.....)**Tuberculosis****Proper Authority**Director/National Programme for Tuberculosis
Control and Chest Diseases (NPTCCD)**Mode of Notification**

By notification in form II (H- 816)

Note – Clerkship would be an opportunity to learn the
notification process of TB.

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The process of notification**At the hospital**

Patient

Notification Card

Ward Notification Register

Institutional notification Register

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Communicable Disease Report - Part 11

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C. 20540-4000
1975 O - 704-100

INTERNATIONAL TRAVEL REPORT PART II
Continuation of Form I-571, (Rev. 1-15-75)

1. Name (Last, first, middle initial)
 2. Date of birth (MM/DD/YYYY)
 3. Sex (M/F)
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Weekly Return of Communicable Diseases (WRCD)

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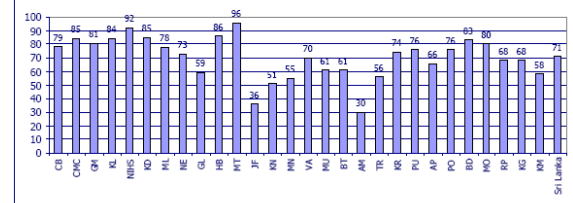
Activities to be carried out by

- the PHI
- MOH

Uses of Notification data

- PHI
- MOH
- National level

Figure 1. The timeliness of Weekly Return of Communicable Diseases (WRCD) received by the Epidemiology Unit from each DPDHS area in 2006



* See page 3 for district codes. CMC=Colombo Municipality Council. NIMS=National Institute of Health Sciences.

Reason for under Reporting

- Lack of the knowledge of the requirement
- Unaware of responsibility to report
- Assume that someone else will report
- Unaware of which diseases to report
- Unaware of how/whom to report.

Surveillance Case Definitions for Notifiable Diseases in Sri Lanka



Epidemiology Unit
Ministry of Health - 2005

WEEKLY EPIDEMIOLOGICAL REPORT

A publication of the Epidemiological Unit,

Ministry of Healthcare & Nutrition
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Timeliness of WRCDs: A Crucial Element in Disease Surveillance

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Sentinel Site Surveillance

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AFP Surveillance - Revisited

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THE END

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