# Registry and Research Systems Trinidad and Tobago

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### Organizational Structure

#### National Level

 MOH is National authority responsible for policy development, planning, monitoring and evaluating

#### Regional Level

· Responsible for provision of services

#### District Level

- Regions are subdivided into Districts
- Community-based care

# Sectorization/Regional Maps





#### National Research

- Currently desktop type research is conducted
  - Data is collected and analyzed from existing sources
- Data is not collected systematically
- MOH has a policy on data collection
- The development of Health Information Systems has been identified as a project to be undertaken in the current work plan

### National Registries

 MOH has identified the need to maintain registries of information for all disciplines including mental health

 This is currently being undertaken as a project in the planning phases

#### The SWRHA Model

- Electronic coding of diseases using a Health Information System (Cellma). This allows for
  - Patient Registration (Numbering) System
  - Clinic Scheduling
  - Ward and Bed Management
  - Pharmacy System
  - Theatre-Surgery Scheduling
  - Coding of Diagnoses/Procedures for reporting of diseases

### St. Ann's Psychiatric Hospital

- Each patient has a unique registration number
- Files stored at records department upon discharge
- Files are stored in two areas which are locked and can only be accessed by staff at records department
- Monthly Utilization, Diagnosis and Census reports are generated

# St. Ann's Psychiatric Hospital

| MONTHLY DIAGNOSIS REPORTING FORM |                    |                    |  |              |  |
|----------------------------------|--------------------|--------------------|--|--------------|--|
| HOSPIT                           | AL: ST ANN'S       |                    |  | 8            |  |
|                                  | Peroid AUGUST 2015 |                    |  |              |  |
| DATE                             | PSYCHOTIC DISORDER | NEUROTIC DISORDERS | SUBSTANCE ABUSE<br>RELATED MENTAL<br>DISORDERS | SELF-HARMING |  |
| 1                                | 2                  |                    |  |              |  |
| 2                                |                    |                    |  |              |  |
| 3                                | 2                  |                    | 1  |              |  |
| 4                                | 5                  | 1                  |  |              |  |
| 5                                | 7                  |                    | 3  |              |  |
| 6                                | 5                  | I I                | 2  |              |  |
| 7                                | 3                  |                    | 2  |              |  |
| - 8                              |                    |                    |  |              |  |
| 9                                |                    |                    |  |              |  |
| 10                               | 1                  |                    |  |              |  |
| 11                               | 2                  | 1                  | 3  |              |  |
| 12                               | 9                  | 1                  |  |              |  |
| 13                               |                    |                    | 1  |              |  |
| 14                               | 3                  |                    |  |              |  |
| 15                               |                    |                    |  |              |  |
| 16                               |                    |                    |  |              |  |

# St. Ann's Psychiatric Hospital

| INFORMATION AND ASSESSME  | NT    |  |  |
|---|-------|--|--|
| HOSPITAL: ST ANN'S  |       |  |  |
| PERIOD: August 2015   |       |  |  |
| PATIENT DATA  | VALUE |  |  |
| Total patients seen   | 191   |  |  |
| Patients treated & discharged                                       | 40    |  |  |
| Patients admitted to hospital                                       | 151   |  |  |
| Total number of males admitted to hospital                          | 109   |  |  |
| Total number of females admitted to hospital                        | 42    |  |  |
| Average age of males  | 40    |  |  |
| Average age of females  | 40    |  |  |
| Patients referred   |       |  |  |
| Patients transferred in   | 13    |  |  |
| Patients transferred out  | 13    |  |  |
| Number of deaths  | 0     |  |  |
| (Other)   |       |  |  |
| MAIN DIAGNOSES  | VALUE |  |  |
| Percentage or number of Psychotic Disorders diagnosed at discharged | 83    |  |  |
| Percentage or number of Neurotic Disorders diagnosed at discharged  | 9     |  |  |

### Challenges

- Paper based record keeping
- Data available at the Regional Level but not collected systematically at the National level

#### The Way Forward

- To maintain a registry of mental health practitioners
- To develop a broad set of core Mental Health indicators
- Mental Health data to be collected by the Public Health Observatory
- Other RHAs are in the process of implementing Cellma Health Information System following the SWRHA Model
- Mental health research to be explored