Taiwan Cancer Registry (TCR)

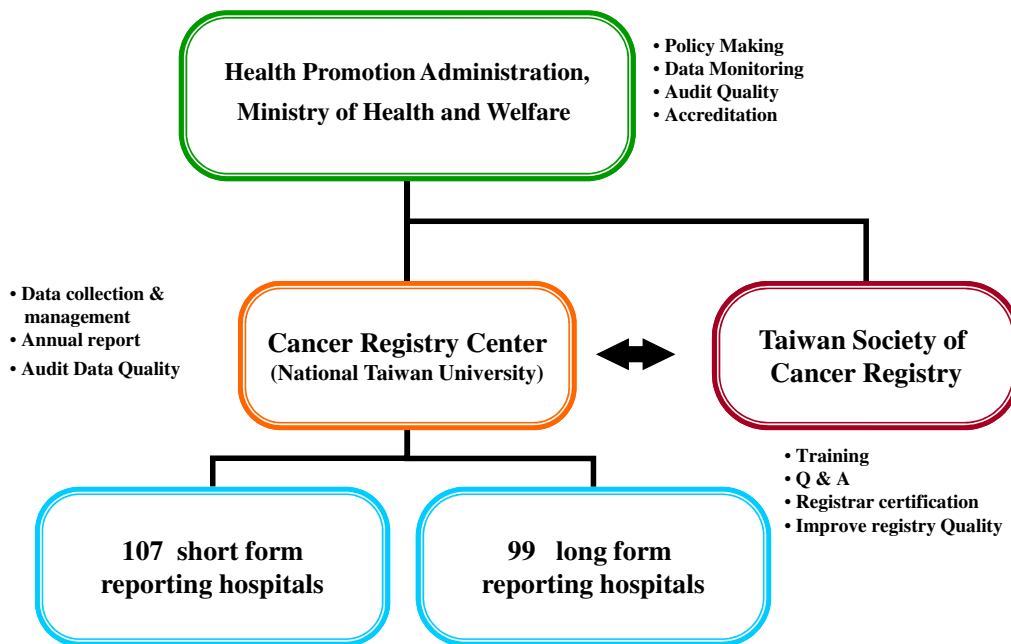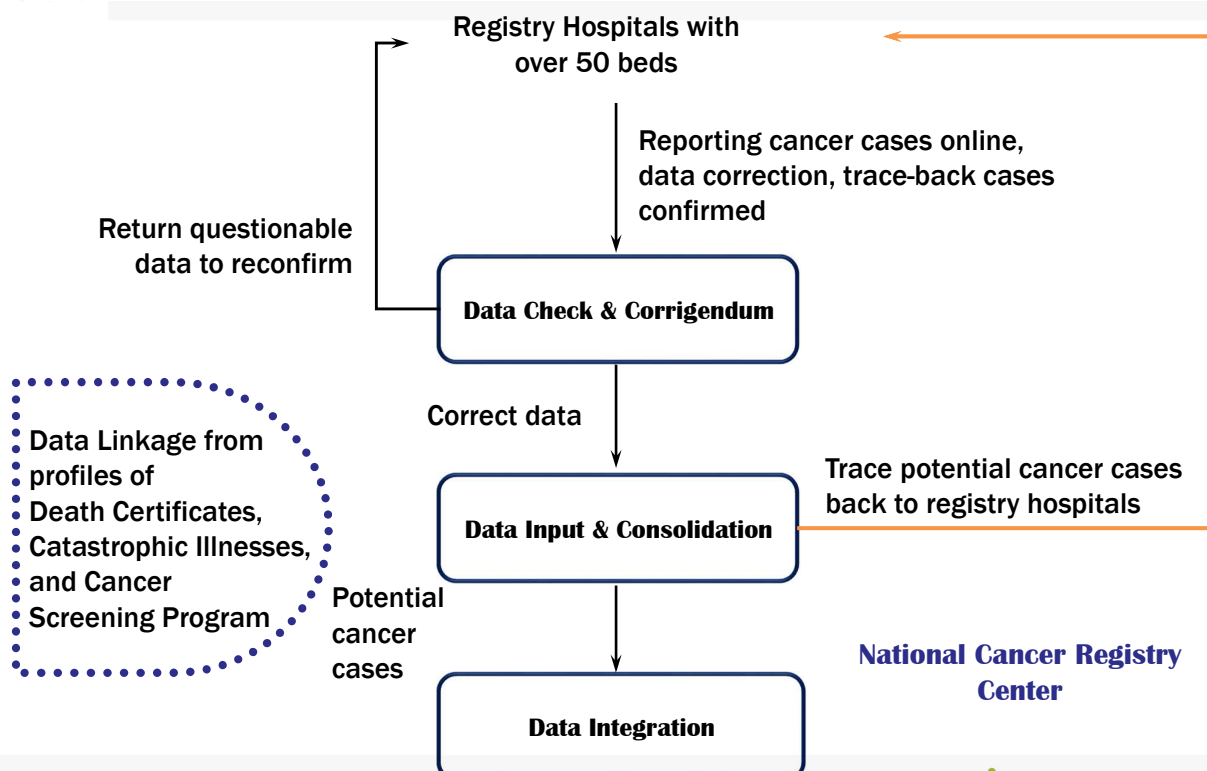---

Cancer Registry

- **Started in 1979, hospitals $\geqq$ 50 beds were required to report**

- **Cancer Registry divided into short form and long form**
  - **Short-form database** Reporting cancers : All Cancers
    - ◆ Reporting items ：45 iteams (Personal data, Diagnosis, Treatment, Risk factors)
    - ◆ Risk factors were first included in 2012
  - **Long-form database introduced in 2002**
    - ◆ Reporting cancers : 16 cancer (major cancer of men and women)
    - ◆ Reporting items ： 115 iteams (Personal data, Diagnosis, Stages, Treatment modalities, Risk factors, SSF)
    - ◆ Risk factors and Site-specific factors (SSF) were first included in 2012
    - ◆ 95% cancer patients coverage of those 16 cancers patients

- **Cancer Registry database ：98% cancer patients coverage**

Taiwan Cancer Registry System

Health Promotion Administration, Ministry of Health and Welfare

- Policy Making
- Data Monitoring
- Audit Quality
- Accreditation

- Data collection & management
- Annual report
- Audit Data Quality

Cancer Registry Center (National Taiwan University)

Taiwan Society of Cancer Registry

- Training
- Q & A
- Registrar certification
- Improve registry Quality

107 short form reporting hospitals

99 long form reporting hospitals

Data Collection and Management Procedure of TCR

Registry Hospitals with over 50 beds

Reporting cancer cases online, data correction, trace-back cases confirmed

Return questionable data to reconfirm

Data Check & Corrigendum

Data Linkage from profiles of Death Certificates, Catastrophic Illnesses, and Cancer Screening Program

Correct data

Data Input & Consolidation

Trace potential cancer cases back to registry hospitals

Potential cancer cases

Data Integration

National Cancer Registry Center

Consolidate the Quality of Cancer Registries

- Apply cancer registry coding rules：ICD-O-3, AJCC, Multiple Primary and Histology Coding Rules Manual and Taiwan Cancer Registry Coding Manual
- Provide training, case exercises and consultation for Cancer registrars
- Cancer Registry Professional Certification
- Implemented medical chart review
- Monitor the accuracy and completeness of cancer registration data from hospitals eporting
- Audit Data Quality Indices for TCR