Public Health Information System (PHIS2011) CD-Rom and Online

Launch: April 21st 2011
Venue: Dublin City Library and Archive

Data
↓
Information
↓
Knowledge

Hugh Magee
Information Unit
Department of Health
GET ALL THE INFORMATION YOU CAN, WE'LL THINK OF A USE FOR IT LATER.
A Bit of History

• Disparate data sources.
• No defined minimum public health data sets.
• No common point of access.
• No tools for dissemination, analysis, reporting.
• No Institute of Public Health.
The PHIS Approach

- A joint initiative between the Department of Health and the Directors of Public Health.
- Data sets defined.
- Data compiled, standardised rates calculated, confidence limits included etc.
- Software developed in-house.
- Updated annually and released on CD-Rom.
- And Now, available with on-line tools via thehealthwell.info.
PHIS 2011

- Demography
- Fertility
- Mortality
- Hospital discharges
- Cancer
- Psychiatric
Central Statistics Office
Economic and Social Research Institute (HIPE and NPRS)
National Cancer Registry
Health Research Board
Population Projections, Age 65+, 2010-2040

D3. Population: Projections M0F1 Assumption, Aged 65+
2010 - 2040
Standardised Mortality Ratios & Confidence Intervals for Cerebrovascular Disease by County, 2009

Standardised mortality ratio, Lower C.I. for SMR, Upper C.I. for SMR, All Ages, 2009, Cerebrovascular Disease
Standardised Mortality Ratios for Cerebrovascular Disease by County, 2009
HIPE: Variations in Average Length of Stay for Hip Replacements

H8. Average Length of Stay in Days for Hip Replacement Procedures by County of Residence
2009
HIPE: Variations in Average Length of Stay for Hip Replacements by HSE Region, 2009

Average Length of Stay, 2009, Hip Replacement, Male and Female, All Ages

- >=16.24
- >=15.49
- >=14.75
- >=14.00
- >=13.25
- >=12.50
- >=11.76
- <11.01
Cataract Procedures – Inpatients & Daycases

No. of In-Patients, No. of Daycases, Cataract Surgery, Ireland inc. non-residents, Male and Female, All Ages
National Cancer Registry Summary Data, Crude Rate per 100,000 Population by HSE Region, 1994-2009

C1. Cancer: National Cancer Registry Summary Data
Ireland by HSE Regional Health Office, Crude Rate, Total 1994-2009, All invasive excluding NMSC (C00-C43, C45-C96), Male and Female

- HSE Dublin / Mid-Leinster
- HSE Dublin / North-East
- HSE South
- HSE West
National Psychiatric In-Patient Reporting System

P2. Psychiatric In-Patients: Summary Census Data
All In-patients cases, Male and Female, Ireland

[Graph showing data from 1963 to 2006]
PHIS: Current and Future

• **Current:** A widely-used standards-based approach providing:
  – extensive data from multiple sources.
  – tools for tabulation, graphing and reporting.
  – new on-line access at thehealthwell.info
  – cost effective and collaborative approach.

• **Future:** Continued development through:
  – additional data and software improvements.
  – online download and update for CD Rom.
  – re-establishment of PHIS Users Group.
  – evaluation of wider uses, e.g. performance data.