

Health Information Collection and Reporting (HICAR)

HDSS Forum
3 June, 2011

David Hassett, HICAR Program Manager

Contents

- What is it?
- What will it deliver?
- What does it mean for the Department?
- What does it mean for the Health Sector?

HICAR – What is it?

- Health
- Information
- Collection
- Analysis
- Reporting

replaces the many existing, individually managed data collection systems with a single enterprise-level framework.

HICAR

- A single framework for collecting, managing and reporting data
 - Facilitating the maintenance of existing collections
 - Simplifying the implementation of new collections
- Provide a consolidated, department-wide data warehouse and reporting environment:
 - Single source of the truth to inform departmental decision making and service planning
 - Increase ability for the department to be better aligned and more effective in addressing health needs across Victoria
 - Provide the health sector with access to departmental data to allow health services to more effectively manage their own services at reduced cost of data management

HICAR Solution

- Acquisition
 - Reliable and secure data exchange between the department and hospitals/agencies
 - Data transfer can be bi-directional – collections of data are received by the department and either returned back to agency for correction or verification
 - Sensitive reports can be distributed to the agencies and hospital via the same function set
- Validation
 - Centralised validation rules engine can apply various health record validation rules
 - Standardised format for compliance reports

HICAR Solution

- Health Data Warehouse
 - Rolled-up and summary information
 - Provision of historical transaction detail
 - Trend analysis and data mining is optimised
- Reporting & Analysis
 - Scheduling and viewing of standard reports
 - Ad-hoc reports
 - Analysis and data mining

Benefits – Health Sector

- Health sector reporting will be simpler
- Ease of transmission
- Single framework / system for collecting data
- Facilitates a shift away from derived data to transaction-based data.
- Concise compliance reports from the department to health sector enabling more efficient correction/re-submission process

Benefits – Health Sector

- Reduce reporting burden on hospitals
- Access to the data warehouse for hospital management for peer group comparisons, benchmarking and KPIs and in-depth data analysis
- Improved access to data for authorised health services data consumers, including researchers, leading to improved clinical solutions and patient outcomes