EBI Program

EDWARD Business Implementation Program

Statewide Reporting Framework

February 2014

ED Master Class





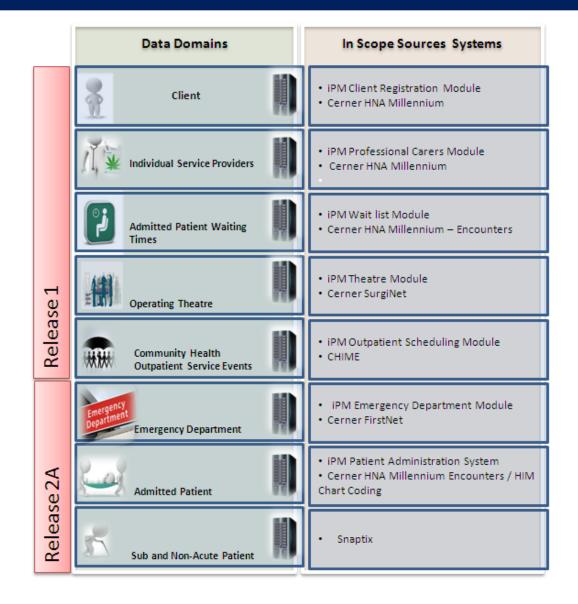
Agenda

- 1. EDWARD Existing Phase 1/2 Platform & Data
- 2. EBI Program Mandate
- 3. Benefits
- 4. Statewide Reporting Framework overview State → LHD → facility Scorecards → dashboards → operational reports
- 5. Demonstration of the Delivery Platform
 - 1. KPI Scorecards, Summary Reports, Trend Pages
 - 2. KPI Dashboards, Activities Summaries (OT)
 - 3. Operational Reports
- 6. Business Decision Methodology overview
- 7. ED status
- 8. Next Steps





EDWARD – Existing Data Domains & Source Systems Phase 1

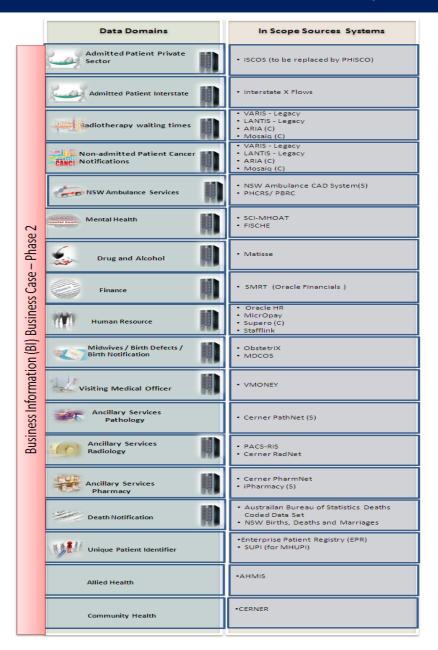








EDWARD – Data Domains in Scope for Phase 2







Benefits of EDWARD and EBI Reports

Current Reporting	EBI Reports	Benefits of EBI reports
Different practices at LHD	One consistent set of practices	A common performance dialogue, identification and leveraging of 'Best Practice' including institution of common processes across all of Health
Different sources of data for reporting	One consistent set of data for reporting	Can compare across the whole of NSW Health
Differing reporting capability, capacity and offerings at each LHD	A single set of reports suitable for all LHDs	Comparison across the whole of NSW Health, economies of scale and making new capability available for some LHDs
Different and unclear interpretation of business rules and how to report by each LHD	A single set of transparent business rules	Transparency across the whole of NSW Health
Duplication of effort at each LHD	A single build / maintenance effort	Economies of scale and consistency
Reinterpretation of LHD data at MoH	No reinterpretation required	Analysts can move from data gathering mode to problem solving / Analysis mode
Most reporting is static for frontline staff (printouts, PDFs)	Interactive inquiry tool facilitates dynamic investigation capability	Enable frontline staff to move from static to dynamic information and the provision of an operational path way to effect KPIs
Aggregated Data	Unit level data	Greater ability for analysis and root cause determination
HIEs have reached end of life	EDWARD is a highly scalable single instance Data Warehouse that will follow Microsoft's product lifecycle	(Decommission of HIE)





EBI Program Mandate

The EDWARD Business Implementation (EBI) Program is mandated to provide a baseline of **standard operationally focussed reports** for NSW Health Local Health Districts (LHDs) to aid LHDs in running their business by providing a single source of truth across all of NSW Health around **performance information** for Wait List (WL), Emergency Department (ED) and Operating Theatre....

....when it is needed, in the format it is needed in, and in a quality, accurate manner.





EBI Program Statewide Reporting

- 1. Conceptual framework
- 2. Demonstration





EDWARD – Statewide Reporting Framework





Health

DELIVERY PLATFORM

KPI

SCORECARDS

Trend Graphs, Listing Reports, Sparklines

KPI & Point of Interest

DASHBOARDS

& Activities Summaries - Data visualisation highlighting key information

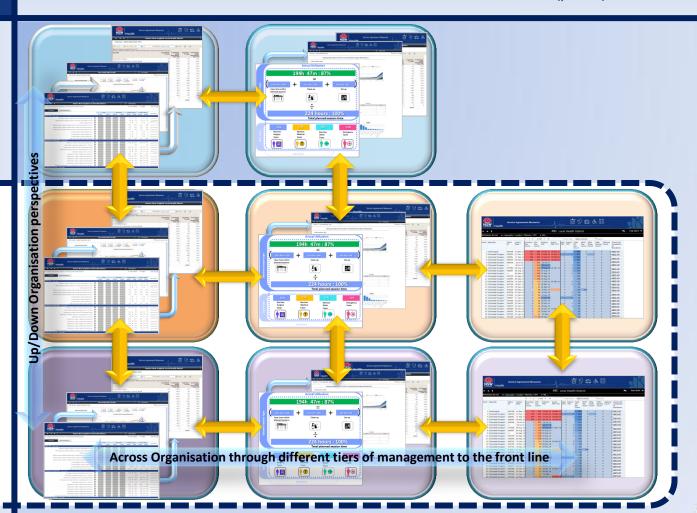
OPERATIONAL REPORTS

Detail including unit record (patient) data









EBI Program

EBI Program – Business Decision Methodology

- Conceptual framework Maps, Paths, and Steps
- 2. System Prototype Walkthrough







Business Decision Methodology - Walkthrough

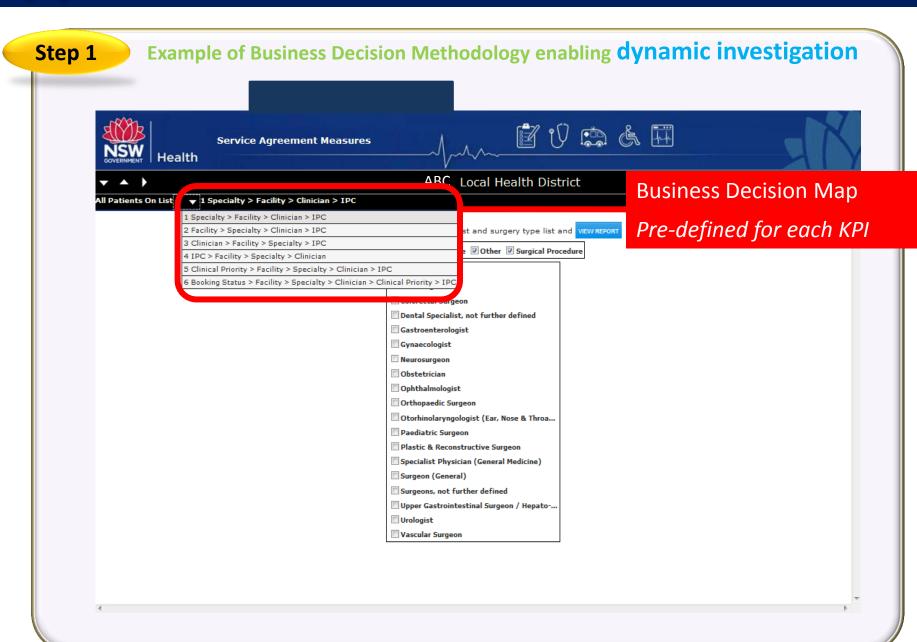
The following 'walkthrough' is a *draft* concept paper of how the **Business Decision Methodology** will operate.

The visual display is intended to give an idea of the functionality, **not** how the final solution will look and feel.



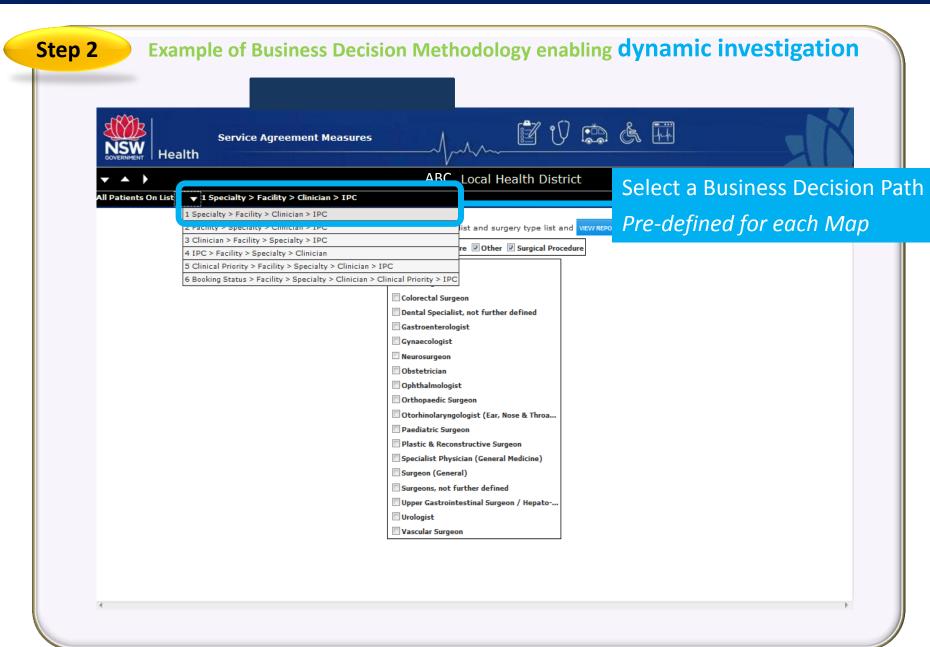


Fig. - EDWARD – LHD/Facility Operational Reports



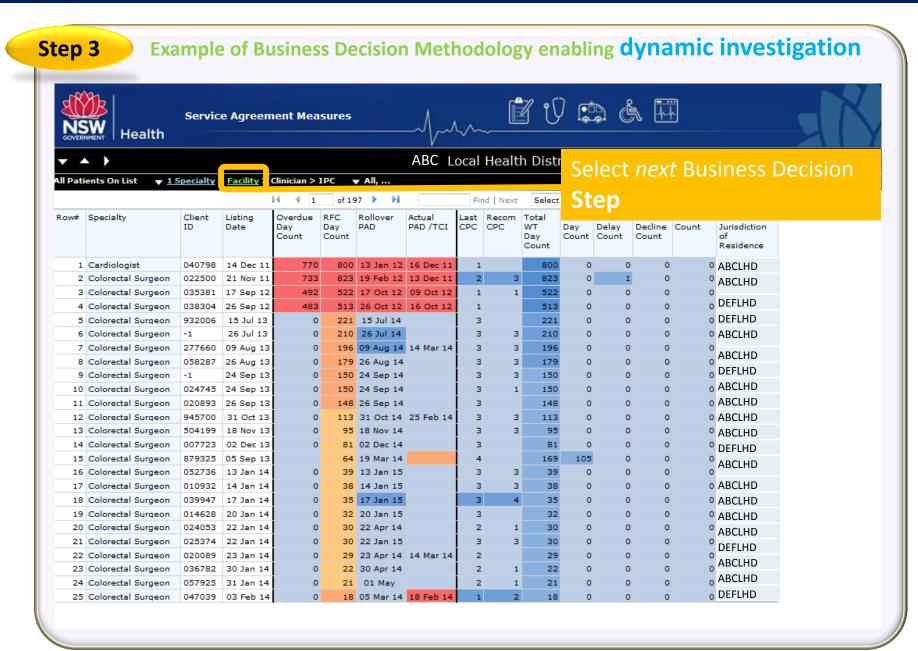


EDWARD – LHD/Facility Operational Reports



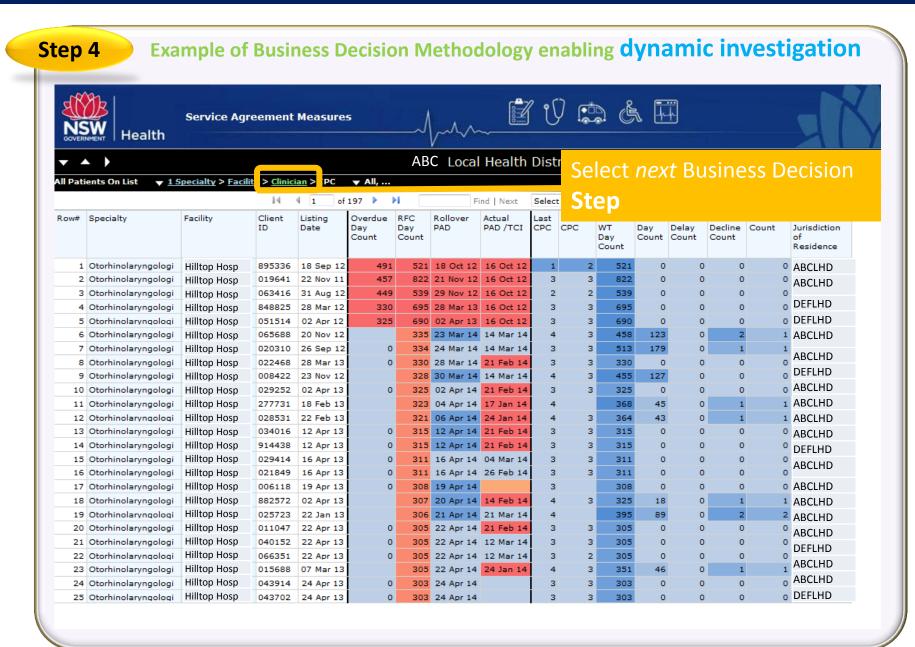


EDWARD - LHD/Facility Operational Reports





EDWARD - LHD/Facility Operational Reports

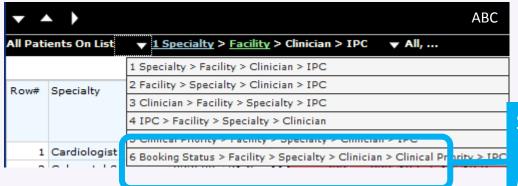




EDWARD – LHD/Facility Operational Reports

Step 5

Example of Business Decision Methodology enabling dynamic investigation



Select an alternative Business Decision Path as required and follow steps through the new Path

EDWARD – Statewide Reporting Framework





Wait list

WL

ED

OT

ORGANISATION PERSPECTIVE

Emergency Department

Operating Theatre

INTEGRATED REPORTING **DELIVERY PLATFORM**

KPI

CORECARDS

Activity

Summar

Suites/

Rooms

PI information **PI Summary Reports** KPI **DASHBOARDS**

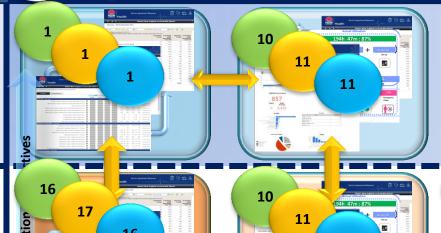
Graphical information highlighting key information & Activities **Summaries (OT)**

OPERATIONAL REPORTS

Detail inc patient data

State









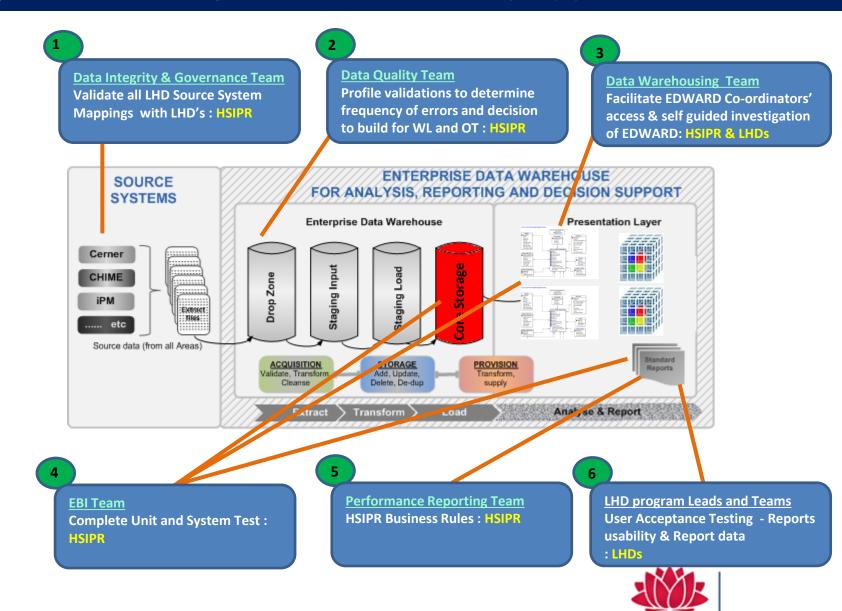
EBI – Next Steps

- 1. Complete Build of Operating Theatre
- 2. Definition and build of validations for WL, ED and OT
- 3. Remediation of EDWARD Error Control Framework
- 4. Train EDWARD Co-Ordinators (Ad Hoc Access) before Go Live
- 5. Document requirements for Cerner PAS correction tool (WL, ED and OT) & modify tool, possibly extracts.
- 6. Data Quality EDWARD Lights On
 - 1. Effect critical CRs, and address known defects
 - 2. EBI System test of WL, ED and OT
 - 3. HSIPR Testing and Sign Off.
 - 4. UAT
 - LHD
- 7. Pilot
- **8. Lights On** (WL, ED and Operating Theatre) Pilot LHD's first followed by all LHDs





EDWARD Lights On Data Quality Approach



Health



Contact details

Our contact details

If you would like further details you can go to our <u>Intranet site</u> or contact *your LHD Contact* (*Program Implementation Lead*) or *program team members* noted below.

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