

# Health Data Quality Assurance



Vaughn Moore  
Health Data Acquisition  
Metropolitan Health and Aged Care Services  
Division

# Content

- Framework and workplan development
- DDI and expectations of hospitals
- Audits
- PICQ Vic

# Health Data Quality Assurance Framework

- Formalises, articulates/clarifies, adds structure
- Describes existing activities and includes new initiatives
- Primarily internally directed but strong stakeholder focus
- Intent is to ensure the right data are available and are fit for purpose

# Framework Objectives

- The framework describes principles and practices for the purposes of maintaining and further enhancing the quality of the health administrative datasets managed by Health Information Section within DHS. Where possible, activities under the Framework will seek to establish metrics associated with quality indicators. The Framework will describe quality expectations of data providers and which can be relied upon by data users.

# Framework structure

- Background, purpose and scope
- Stakeholder engagement and consultation
- Documentation
- Communication and education
- Workforce
- Data input

# Framework Structure cont.

- Data output
- Audit strategy
- Feedback
- Review, evaluation and updates
- Workplan (attachment)

# Director, Data Integrity

- Role created by Minister and reports direct to Secretary, DHS (started 3 April)
- Vacancy widely advertised (on 18 April)
- Role includes:
  - Ongoing data quality assurance
  - Oversight of audits
  - Health data complaints
  - Educative role with health services
  - Panel of auditors
- Ministers letter to Health Service Board Chairs

# Audits

- Current Program
- The future

# VAED Audit

- Commenced with case-mix funding
- Is directed principally at coding quality and admission practices
- Strong feedback regime – both issue resolution and education
- Last of current three year program concluding this year
- Review and then go to market

# VEMD Audit

- RFT Sept 2008
- Started late February
- First three sites done as pilot
  - Small, targeted sample with strong process and systems focus
- Adopting similar tolerances as the VAGO audit
- On track for a 31 October finish but much tighter now
- Individual hospital reports

# ESIS Audit

- Tender advertised 22 April, Herald Sun
- Close 7 May
- RFT available on [tenders.vic.gov.au](http://tenders.vic.gov.au) web-site
- Sample of 60 records, leading to process and system focus
- All sites
- Pilot approach
- To report by end of 2009

# Spot Audits

- These are larger audits in terms of record numbers
  - Not targeted
- Will move from pure record focus to process issues
- Three sites started last week, 24 hours notice
- To report by 6 May
- Individual hospital reports plus summary report
- Another three sites later this year
- Two groups of three each year thereafter

# Other Audits

- VAGO
- RWH
- Latrobe

# Future audit program

- Spot audits continue
- VAED to continue – may be more targeted, review-dependent
- Strategy to be developed for future auditing of other datasets
  - Options include one each alternate year, random samples, 'squeaky wheel'
  - Other specific issues include VINAH and AIMS (excl F1/CCOA)

# PICQ Vic

- Performance Indicators for Coding Quality
- Coding quality analysis and improvement tool  
- NCCH
- Available through DHS since 2002
- IT support and resource limitations in some sites
- DHS now runs data and provides results securely via the www
- Assist in focussing coding staff training effort
- Usage encouraged

## PICQ Vic cont.

- Provides peer group comparison/benchmarking
- 324 eligible campuses
- 47 sites have registered and accessed PICQ reports via the web
- Registration via HDSS help desk
- Early days – first files January 2009

# PICQ Vic cont.

- Getting started
  - Complete registration form (HDSS helpdesk)
  - Logon details received by e-mail
  - Access PICQ Vic (updating passwords, etc.)
  - Download your files
- Easy steps to improving coding quality

# Health Data Quality Assurance

- Questions