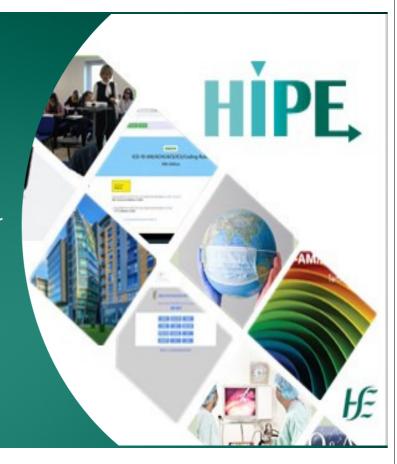Data Quality Education Sessions for Coding Staff: What's happening out there?

Jacqui Curley,
Head of HIPE & NPRS,
HPO, Health Service Executive,
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HIPE Data Quality Education Sessions: Background

HIPE Coding In Ireland

- In patients and daycases- public hospitals

- Hospital InPatient Enquiry – HIPE

- System managed centrally by Healthcare Pricing Office- HPO

- Approx. 320 HIPE Coders & Managers employed by hospitals

    - 1.8m discharges in 2023

    - Updated to 12th edition ICD-10-AM January 2024

- HPO manages national HIPE system – coverage, training, quality, resources for coding, national file, data analytics, ABF.

- Linking HIPE Coders to wider uses of data & data quality issues

- Context for importance of their work at national level and for patients

HIPE Data Quality Education Sessions

Quarterly online sessions for all coders

- Scheduled on HIPE training calendar for each quarter.

- 2hr online sessions

- Commenced in 2013

- Informing HIPE community of data quality issues

- Wide range of topics and keeping coders up to date with use of HIPE data across the system

- Cost effective data quality linking directly with HIPE staff.

Year	No. of Sessions	No. of Participants
2023	3	175
2022	4	177
2021	3	178
2020	4	196
2019	4	160

HIPE Data Quality Education Sessions:

886 participants in last 5 years

HIPE Data Quality Education: Topics

- Link directly to coding community on data quality topics and feedback from HIPE data users

- Feedback at national level on issues identified in audits and data quality reviews

- Training on various data quality tools/running reports.

- Education on coding queries & issues the HIPE Depts have raised

- Teams across the HPO can input or present

- Keep a record of issues for inclusion

- Links in with Coding Notes Newsletter/ coder education.

Data Quality Issues/Queries

Coding Queries

Training in DQ Tools

Examples of areas covered at DQ Sessions

In 2023 topics covered in the HIPE data quality sessions included:

- Classification updates

- Endoscopy diagnostic coding

- Neonatal sepsis/risk of sepsis

- Overview chart based audits 2022

- Coding of Tobacco Use Disorders

- Augmentation of labour

- COPD/Asthma/Bronchitis

- STEMI and NonSTEMI review

- Clinical documentation

March 2024

Agenda

1. General update
2. 12th edition coding
3. Neoplasm coding update
4. Palliative care
5. ABF update

Education on Challenging Areas

- Include short training sessions on challenging areas

- Wide impact & wide benefit of training

- Identified through audits or data quality reviews

- Complex notes, changing guidelines & rules, difficult to locate codes
  - Clinical language does not match classification language

- High Intensity Training – short and to the point

- Closing data quality cycle

- Examples of topics:
  - Post procedural complications
  - Hospital Acquired Diagnoses
  - COVID-19
  - Endoscopy

Graphic: https://asq.org/quality-resources/pdca-cycle

Training in Use of Data Quality Tools

- Ability to include training on use of data Quality Tools
  - HIPE Audit Software
  - HIPE Checker Software
  - Data Entry Edits
  - PICQ tool – reviewing output and responding appropriately
- Practical examples and demonstrations
- Analysis of output or how to report on data
  - Identifying issues locally
- Address issues in data quality checks
  - Understanding why edit or check is firing
- Demonstrate importance of data quality tools

Data Quality Tools

20,000

160

35

600

DATA ENTRY EDITS

Edits fire when saving coded case

HIPE CHECKER TOOL

45 hospitals use checker monthly

HIPE CODING AUDIT TOOLKIT

Enables chart based re-abstraction audit and comparison

PICQ

Checks run nightly to measure compliance with coding standards

What's Happening Out There?

- Human side of HIPE data collection & data quality

- Linking coder's work to data users & patients

- HPO role in responsiveness and development

- Increasing use of HIPE data set

- Increasing audience of stakeholders

- COVID -19 Data
    - Huge effort to collect data with 48 hours of discharge
    - Huge value placed on HIPE Data

- Awareness of upcoming work on data quality and reviews
    - e.g. Sepsis programme audits, anaesthetic audits, Clinical Audits.

Thank you

- HPO Team

- Helen Nolan, Interim Coding Manager, HPO

- Marie Glynn, Head of HIPE Education, HPO

- HIPE Coding Community

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