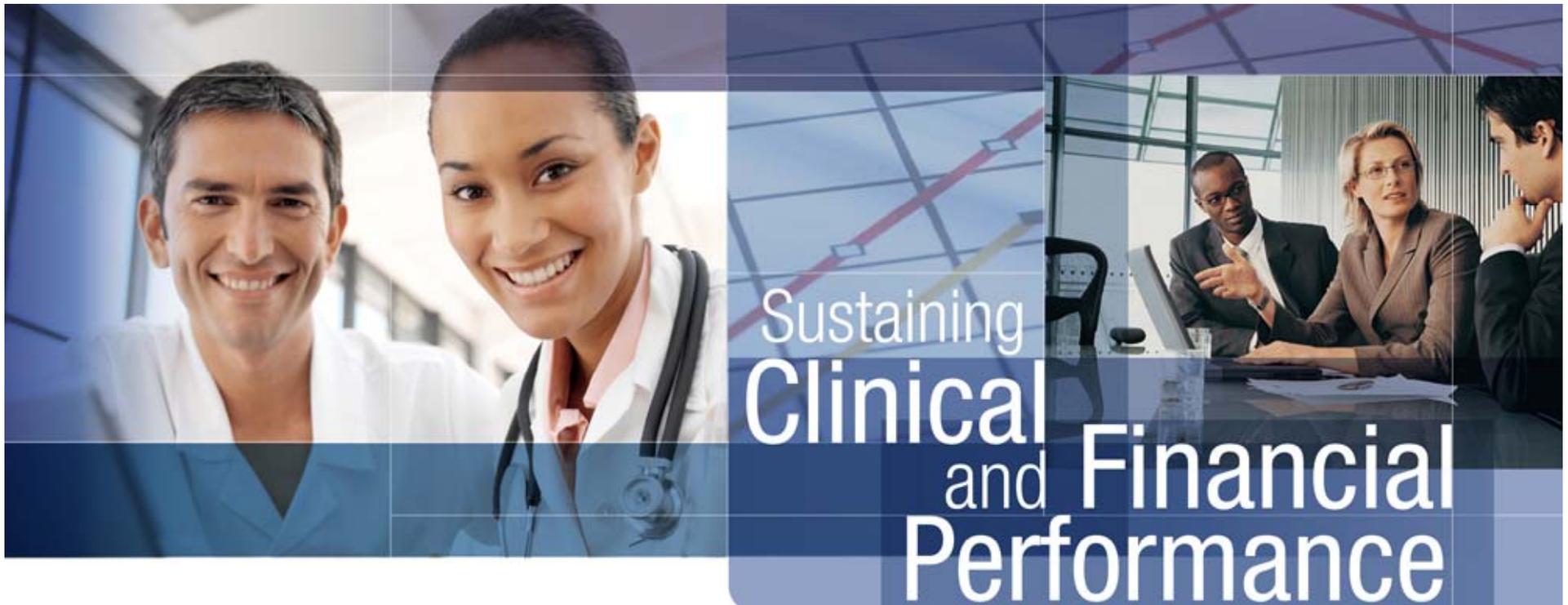


3M Health Information Systems

Coding Compliance Editor - Monitoring Data Quality

Data Quality Seminar

02 March 2010



Agenda

- Define CCE
- CCE Solution Objectives and Benefits
- CCE Business Processes
- CCE Product Functionality
- Data Quality Management Control and Use of CCE

What is CCE?

- MHS **C**oding **C**ompliance **E**ditor
- Suite of 3M Commercial-Off-The-Shelf (COTS) products / tools that support patient centric data collection at the MTF level
 - *Assign / audit medical code sets*
 - *Abstract data required by MHS*
- Software suite solution focused on coding, compliance and data management

CCE Solution Objectives

- Improve data quality
- Reduce risk for non-compliance
- Trend performance of healthcare professionals
- Enhance Military Treatment Facility (MTF) reporting in core management
- Improve revenue generation and collection
- Support the MHS move toward commercial environment

CCE Product Suite

3M Coding & Classification

- *3M™ Coding & Reimbursement System*
 - *3M™ CodeFinder™*
 - *3M™ DRGfinder™*
 - *3M™ HCPCS/CPTfinder*
 - *3M™ Clinical Analyzer*
 - *3M™ Reimbursement Calculation*
- *3M™ Physician Coding & Reimbursement System*
- *TRICARE Grouper*
- *3M™ APCfinder™*
- *APG Grouper*
- *3M™ APR-DRGs*
- *3M™ Coding Reference Software*
- *3M™ Coding Reference Plus*

3M™ Database Products - HDM

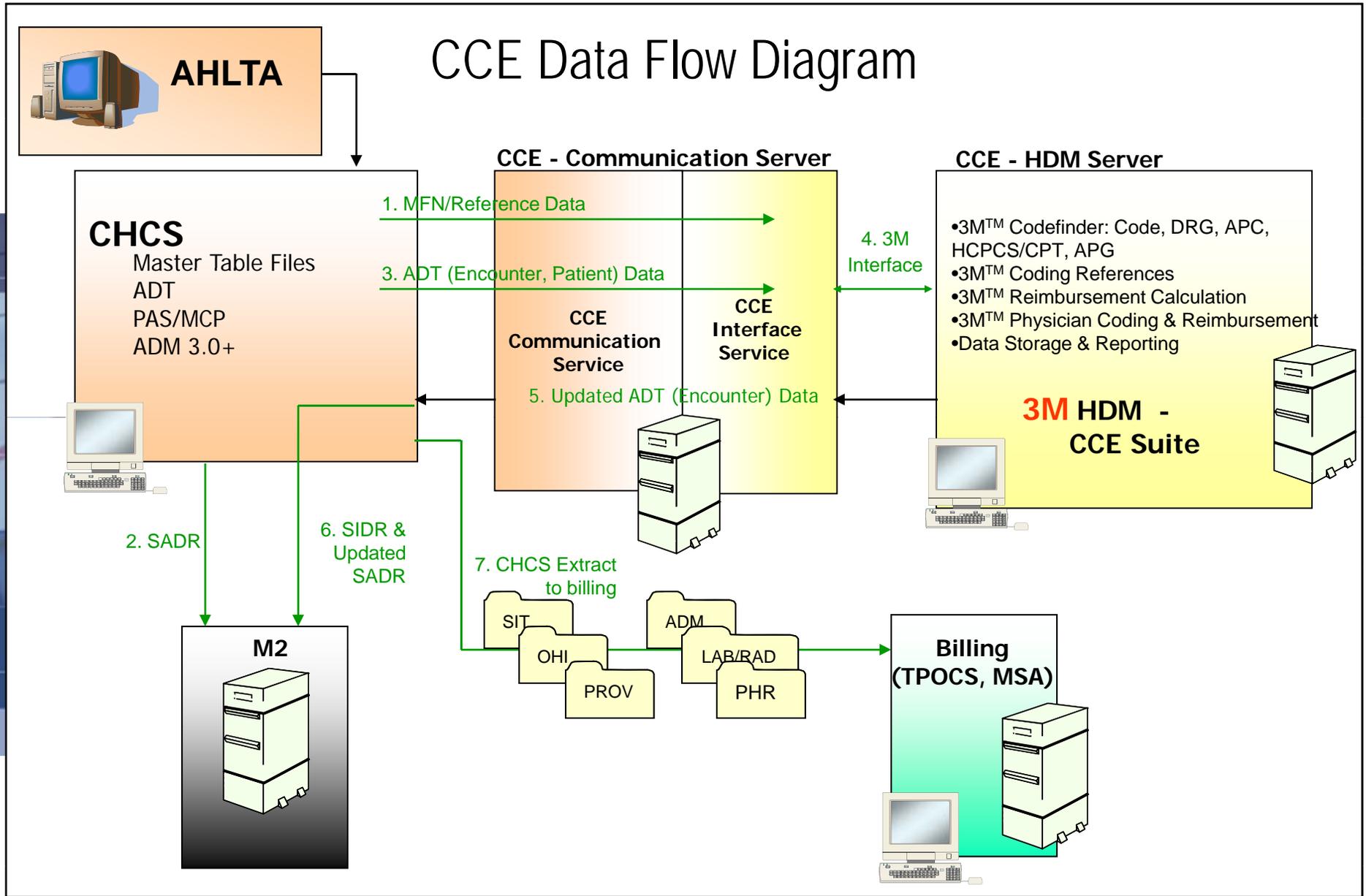
- 3M™ Health Record Management Plus
- 3M™ Medical Necessity Software

Outpatient and Inpatient Products
Outpatient Only Products
Inpatient Only Products

Basic Functionality

- Patient Centric Data Collection
 - *Coding/grouping products integrated into database for seamless functionality*
 - *Expert clinical decision logic and integrated coding and clinical references*
 - *Multiple groupers and code edit methodologies in a single coding episode*
 - *Industry standard edits to identify potential compliance issues for resolution at the coding level*
 - *SIDR / SADR / Business process edits to meet MHS data requirements*
- Work lists to assist in managing daily coding workload
- Comprehensive data collection and reporting capability for management in support of service areas and daily operations

CCE Data Flow Diagram



CCE Business Processes (OP)

- Business Processes - Outpatient
 - *Initial data entry by clinic/service area (AHLTA) for outpatient*
 - *Initial SADR record created prior to CCE interface load*
 - *CCE edits 100% of encounters*
 - *Coder role becomes one of an auditor in support of data quality, compliance, reimbursement and operational data*
 - *Process and tools available for provider query when documentation does not support coding*
 - *Write-back to CHCS upon CCE completion*
 - *Updates SADR when changes are made in CCE*



CCE Business Processes (IP)

- Business Processes - Inpatient

- *Demographic data interfaced to CCE*
- *All coding completed in CCE*
- *CCE edits coding in inpatient record*
- *Coder role supports data quality, compliance, reimbursement and operational data*
 - *Some SIDR edits are incorporated into field and chapter level in CCE*
- *Write back to CHCS upon CCE completion*
 - *Final SIDR edits are performed in CHCS*
- *Coder completes and approves record in CHCS*
- *Initial SIDR record created per usual process following completion of coding in CCE*
- *Records will be regrouped and retransmitted if critical data elements change*



What is in CCE?

| CCE System | MEPRS | Description |
|------------------|-------|-------------------------------|
| Inpatient System | A*** | Inpatient Encounters |
| Rounds | A*** | Professional Rounds / IBWA |
| ER | BIA* | Emergency Medical Clinic |
| APV | B**5 | Ambulatory Patient Visits |
| | C**5 | Dental Surgery |
| OP | B | Outpatient visits, |
| | F | Immunizations, hearing |
| | D | Ancillary visits |
| OBS | B**O | Observation |



Data Quality Monitoring in CCE

- 3 views of coding for outpatient
 - *Initial provider coding*
 - *Final provider coding*
 - *Professional coder*
- Outpatient coding edits – OCE, NCCI, MN
- Inpatient Medicare Code Edits
 - *Embedded coding edits and rules in 3M Coding tool*
- Field and chapter level edits help ensure data integrity
- Encounter records can not be completed without required data elements

Ambulatory Coding

- Coding and data collection
 - *Patient and encounter demographic*
 - *Providers: appointment, secondary and procedure*
 - *Up to 99 codes diagnosis and procedure codes*
 - *Procedure episode information*
 - *Grouping and reimbursement results*
 - *RBRVS*
 - *APG*
 - *APC*
 - *Edit results*
 - *HIPAA Injury and Pregnancy data*
 - *Coding productivity*
 - *Record management information*



Outpatient Coding

The screenshot displays three overlapping windows of the 3M HDM Data Entry software. The top window shows the 'Patient Data' section with fields for 'Create Date' (21/09/2006) and 'FINAL PROV CC INFO' (49300). The middle window shows 'FINAL PROV ICD9 DX' with a list of diagnoses including 'EXTRINSIC ASTHMA, UNSPECIFIED' (49300) and 'INFECTION WITH MICROORGANISM' (V090). The bottom window shows 'FINAL PROV CPT INFO' with a procedure code of '99205' and provider information for 'JAMES BRIGHT' and 'HIELSUN, REED'. The interface includes a menu bar (Main, Record, Print, Window, View, Help) and a toolbar with buttons for Recall, Delete, Restore, Save, Abort, and Submit.

- Multiple Views of Codes stored
- Provider – initial and final
 - Professional Coder
 - Procedure related information:
 - CPT code and description
 - Diagnosis link to CPT code
 - Procedure date
 - Operating provider
 - Modifiers
 - Units of service
 - RVU at code and summary level
 - Ability to store up to 99 codes



Coding Edits

Edit results stored in CCE

- Medical Necessity
- NCCI
- OCE

Link to MN policies

3M HDM Data Entry - [Edit Record -- 343841 UpdProv, Complete [OP 3438410 19,

Main Record Print Window View Help

Recall Delete Restore Save Abort Submit

Patient Info | Enctr Data | Prov Codes | Prov Med Necity | Prov N

| Occ | Prompt | Data Entry |
|-----|---------------------|------------------------------|
| | Patient Data | UpdProv, Complete 30/343-8 |
| | | Press ENTER to continue |
| 1 | CPT PROCEDURE INFO | |
| | CPT/HCPCS Procedure | 99205 |
| | | Office/outpatient eval & mgr |
| 1 | Linked Diagnosis | 49300 Extrinsic asthma NOS |
| 1 | MN/LMRP INFORMATION | |
| | MN/LMRP Edit | Passed - No LMRP for this P |
| | MN/LMRP Edit Policy | |
| | Read Policy | |
| | Call for Policy | |
| | MN/LMRP Edit URL | |
| | MN/LMRP INFORMATION | |
| | MN/LMRP Edit | |
| | MN/LMRP Edit Policy | |
| | Read Policy | |
| | Call for Policy | |
| | MN/LMRP Edit URL | |
| 2 | CPT PROCEDURE INFO | |
| | CPT/HCPCS Procedure | 71030 |
| | | Radiologic examination, ches |
| 1 | Linked Diagnosis | 49300 Extrinsic asthma NOS |
| 2 | | V090 Inf mcrg rstrn pncllins |
| 1 | MN/LMRP INFORMATION | |
| | MN/LMRP Edit | Passed - No LMRP for this P |
| | MN/LMRP Edit Policy | |

3M HDM Data Entry - [Edit Record -

Main Record Print Window View Help

Recall Delete Restore Save Abort Submit

Prov Inj Data | Prov Preg Data | CCE Coding Info | Dx Extenders | CCE Med Necity | **CCE NCCI/OCE** | CCE R

| Occ | Prompt | Data Entry |
|-----|---------------------|---|
| | Patient Data | UpdProv, Complete 30/343-84-1123 Female 35Y 19Jun2006 00:00 OHI |
| | | Press ENTER to continue |
| | OCE Claim Edit: | |
| 1 | ICD9 DIAGNOSES | |
| | Final Diagnosis | 49300 |
| | | Extrinsic asthma, unspecified |
| | OCE Dx Line Edit: | |
| 2 | ICD9 DIAGNOSES | |
| | Final Diagnosis | 5168 |
| | | Alveolar and parietoalveolar pneumonopathy |
| | OCE Dx Line Edit: | |
| 3 | ICD9 DIAGNOSES | |
| | Final Diagnosis | V090 |
| | | Infection with microorganisms resistant to penicillins |
| | OCE Dx Line Edit: | |
| 4 | ICD9 DIAGNOSES | |
| | Final Diagnosis | V705 |
| | | Health examination of defined subpopulations |
| | OCE Dx Line Edit: | |
| 1 | CPT PROCEDURE INFO | |
| | CPT/HCPCS Procedure | 99205 |



CCE RBRVS Information

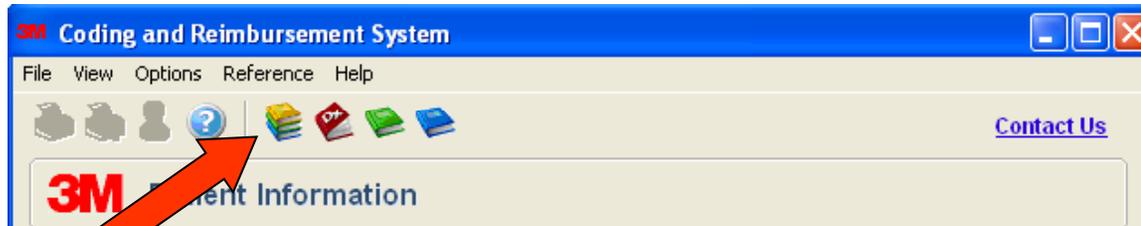
| 3M HDM Data Entry - [Edit Record -- 343841 UpdProv, Complete [OP 3438410 19/06/2006 00:00]] | | |
|---|----------------------|---|
| Main Record Print Window View Help | | |
| Recall Delete Restore Save Abort Submit | | |
| Prov Inj Data Prov Preg Data CCE Coding Info Dx Extenders CCE Med Necity CCE NCCI/OCE CCE RBRVS Info CCE APG Info Injury Data Pregnancy Data Enc | | |
| Occ | Prompt | Data Entry |
| | Patient Data | UpdProv, Complete 30/343-84-1123 Female 35Y 19Jun2006 00:00 OHI |
| | | Press ENTER to continue |
| | RBRVS Total Weight | 0.480 |
| | RBRVS Total Reimbsmt | \$18.19 |
| | RBRVS Status Code | 4 Invalid HCPCS Code-Not Found In Table |
| 1 | RBRVS INFORMATION | |
| | CPT Code | 71030 RadExm Chest Comp Min4Vw |
| | RBRVS Weight | 0.310 |
| | RBRVS Reimbursement | \$11.75 |
| | RBRVS Warning | |
| | RBRVS Modifier(s) | |
| 2 | RBRVS INFORMATION | |
| | CPT Code | 94010 Breathing Capacity Test |
| | RBRVS Weight | 0.170 |
| | RBRVS Reimbursement | \$6.44 |
| | RBRVS Warning | |
| | RBRVS Modifier(s) | |
| 3 | RBRVS INFORMATION | |
| | CPT Code | 99205 Office/outpat Visit, New |
| | RBRVS Weight | 0.000 |
| | RBRVS Reimbursement | |
| | RBRVS Warning | Code not on fee table or calculation is 0.00 |
| | RBRVS Modifier(s) | -26 |
| | RBRVS INFORMATION | |

Detailed information about provider coding in database

- Coding edits
- RVUs
- Weight
- Estimated reimbursement



Coding Reference Software



Direct link from coding software to coding tabular indexes to AHA Coding Clinic and other references

References available to all users



3M™ Coding Reference

- [3M Integrated Codebook](#)
- [AHA Coding Clinic for ICD-9-CM](#)
- [Current Procedural Terminology](#)
- [AMA CPT Assistant](#)
- [Clinical Pharmacology Drug Reference](#)
- [Dorland's Medical Dictionary](#)
- [Elsevier's Anatomy Plates](#)

3M™ Coding Reference Plus

- [AHA Coding Clinic for HCPCS](#)
- [Coders' Desk Reference by Ingenix](#)
- [Shortcut to CPT Lay Descriptions Section](#)
- [Anesthesia Crosswalk](#)
- [Faye Brown's ICD-9-CM Coding Handbook](#)
- [Mosby's Manual of Diagnostic and Lab Tests](#)
- [Dictionary of Medical Acronyms & Abbreviations](#)
- [MS-DRGs Definitions Manual](#)
- [ICD-10-PCS Reference Manual](#)
- [The Merck Manual](#)
- [Dr. Z's Interventional Radiology Coding Reference](#)



Inpatient Coding

- Coding and data collection
 - *Patient and encounter demographic similar to OP*
 - *Providers: admitting, attending and procedure*
 - *Up to 99 codes diagnosis and procedure codes*
 - *Procedure episode information*
 - *Grouping and reimbursement results*
 - *CMS DRG*
 - *TRICARE DRG*
 - *All Patient Refined DRG*
 - *Edit results integrated in coding product*
 - *Regrouping results*
 - *Coding productivity*
 - *Record management information*

Inpatient Coding

3M Coding and Reimbursement System - 1232542 Tricare, Test Eight 123232

File View Options Reference Help

3M Patient Code Summary Home, Self Care (1) Male, 48

Medicare DRG and MDC Information

195 SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC
 CMS wt 0.7316 A/LOS 4.1 G/LOS 3.5
 Length of stay, discharge to a post-acute care provider, and home
 health service condition codes can significantly impact reimbursement for this DRG.

004 DISEASES & DISORDERS OF THE RESPIRATORY SYSTEM

Estimated Reimbursement -- Medicare Inpatient
Total: \$3578.69
Status: Not an Outlier

Principal Diagnosis

***4822** Pneumonia due to Hemophilus influenzae (H. influenzae)
 Codebook Coding Cl.

Secondary Diagnoses

25001 Diabetes mellitus without complication, type 1 (juvenile type), not stated as uncontrolled
 Codebook

Principal Procedure

9396

- Calculates DRG Payment Group
- DRG Weight
- Average LOS
- Geometric LOS

| Patient Info | IP Enchr Data | IP Coding | IP Dx Extenders | Death/SeparInfo | IP Episode Info | Proc Info | IP Medicare DRG |
|---------------------|---|-----------|-----------------|-----------------|-----------------|-----------|-----------------|
| Prompt | Data Entry | | | | | | |
| Patient Data | Tricare, Test Eight /122-22-2232 Male 48Y 03Nov2008 08:00 04Nov2008 15:00 | | | | | | |
| | Press ENTER to continue | | | | | | |
| Final DRG | 195 | | | | | | |
| | SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC | | | | | | |
| FINAL DRG INFO | | | | | | | |
| DRG MDC: | 4 | | | | | | |
| | DISEASES & DISORDERS OF THE RESPIRATORY SYSTEM | | | | | | |
| DRG Weight: | 0.7316 | | | | | | |
| DRG Avg LOS: | 4.10 | | | | | | |
| DRG Geo Mean LOS: | 3.5 | | | | | | |
| DRG Est Reimb: | \$3578.69 | | | | | | |
| DRG Outlr Status: | Not an Outlier | | | | | | |
| DRG Outlr Reimb: | \$0.00 | | | | | | |
| DRG Cost Threshold: | 47600.80 | | | | | | |
| DRG Day Threshold: | | | | | | | |
| Original DRG: | | | | | | | |

DRG information stored in HRM



TRICARE Grouper

Incorporates DRG grouping and reimbursement logic specific to TRICARE

- TRICARE weight
- Average LOS
- Geometric LOS
- Estimated reimbursement
- Long stay thresholds

3M Coding and Reimbursement System

File View Options Reference Help

3M Patient Code Summary

TRICARE DRG and MDC Information

416 CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W/O CC/MCC

007 DISEASES & DISORDERS OF THE HEPATOBILIARY SYSTEM & PANCREAS

Estimated Reimbursement -- TRICARE

Total: \$3421.95

Status: Short Stay Patient

Principal Diagnosis

*57460 Calculus of gallbladder and biliary tract with cholecystitis, without mention of cholelithiasis

Principal Procedure

*5122 Cholecystectomy

| Prompt | Data Entry |
|-----------------------|---|
| Patient Data | Tricare, Test Eight /122-22-2232 Male 48Y 03Nov2008 08:00 04Nov2008 15:00 |
| Tricare DRG Code | 416 |
| | CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W/O CC/MCC |
| TRICARE DRG INFO | |
| Grouper ID Version | 8009T26 |
| Tricare DRG MDC: | 7 |
| Tricare MDC Text | DISEASES & DISORDERS OF THE HEPATOBILIARY SYSTEM & PANCREAS |
| Tricare Exp DRG Wt: | 1.3282 |
| Tricare Actu DRG Wt: | 1.3282 |
| Tricar DRG Avg LOS: | 3.90 |
| Tricare DRG Geo LOS: | 3.4 |
| Tricar Est DRG Reimb: | \$5174.32 |
| Tricar DRG OutlrStat: | Short Stay Patient |
| TricarDRG OutlrReimb: | \$0.00 |
| TricarDRG CostThresh: | 110050 |
| Tricare Shrt Outlier | 1 |
| Tricare Long Outlier | 17 |
| Med Surg Indicator | Surgical |



All Patient Refined DRG (APR-DRG)

3M Coding and Reimbursement System
 File View Options Reference Help

3M Patient Code Summary Home, Self Care (1) Male, 48

All Patient Refined DRG and MDC Information

- 262** CHOLECYSTECTOMY EXC LAP
 APR wt 1.2498 Low Trim 2 High Trim 14
 Status: Low LOS Outlier
- 007** HEPATOBILIARY SYS & PANCREAS
 1 Minor Severity of Illness
 1 Minor Risk of Mortality

Principal Diagnosis

- *5750** Acute cholecystitis
 *SOI=P Principal diagnosis used for SOI calculation
 *ROM=P Principal diagnosis used for ROM calculation
 Codebook Coding Cl. Faye Brown

Principal Procedure

- *5122** Cholecystectomy
 Codebook Coding Cl. Faye Brown

CPT Procedures

- 47600** Cholecystectomy
 CPT

Buttons: Add Admit Dx, Add Diagnosis, Add Procedure, Codebook, Direct Code, Compute DRG, DRG Options

- APR-DRGs are used for:
- Comparative profiling
 - Clinical pathway development
 - Quality assurance
 - Managed care contracting
 - Coder productivity
 - Strategic planning
- APR-DRGs used by regulatory/government agencies
- JCAHO
 - AHRQ Agency for Healthcare Research and Quality
 - MEDPAC

The APR-DRG is automatically calculated from the DRG and stored in CCE

| Patient Info | IP Enctr Data | IP Coding | IP Dx Extenders | Death/SeparInfo | IP Episode Info | Proc Info | IP Medicare DRG | IP Tricare DRG | IP APRDRG Info |
|-------------------|---|-----------|-----------------|-----------------|-----------------|-----------|-----------------|----------------|----------------|
| Prompt | Data Entry | | | | | | | | |
| Patient Data | Tricare, Test Eight /122-22-2232 Male 48Y 03Nov2008 08:00 04Nov2008 15:00 | | | | | | | | |
| | Press ENTER to continue | | | | | | | | |
| APR-DRG Code | 262 | | | | | | | | |
| | CHOLECYSTECTOMY EXC LAP | | | | | | | | |
| APRDRGINFO | | | | | | | | | |
| APR MDC: | 007 | | | | | | | | |
| | HEPATOBILIARY SYS & PANCREAS | | | | | | | | |
| APRDRG Severity: | 1 Minor Pt Sev of Illness | | | | | | | | |
| APRDRG Mortality: | 1 Minor Risk of Mortality | | | | | | | | |

3M Health Information Systems Clinical Analyzer

3M Coding and Reimbursement System - 1232542 Tricare, Test Eight

File View Options Reference Help

3M Patient Code Summary

Medicare DRG and MDC Information

313 CHEST PAIN
CMS wt 0.5314 A/LOS 2.1

005 DISEASES & DISORDERS OF THE C...
SYSTEM

Estimated Reimbursement -- Medicare In

Total: \$2599.40
Status: Not an Outlier

Principal Diagnosis

*78659 Chest pain
Codebook Coding Cl

Analysis of patient information to generate the most accurate DRG assignment

Tool for educating new coders and assisting experienced coders with complex cases

Prompts with a series of questions to help identify specific conditions that affect the DRG

Provides data output that helps facilities track use of application and results

3M Coding and Reimbursement System - 1232542 Tricare, Test Eight 123232

3M Clinical Analyzer MS-DRG:313 Male, 48

Choose one:

Does documentation support one of the following diagnoses as principal?

- 1. * No change supported
- 2. Acute myocardial infarction, initial episode of care (AMI)...
- 3. Anxiety/Panic disorder...
- 4. Cardiac arrhythmias...
- 5. Gastrointestinal (GI) conditions...
- 6. Heart failure (chronic forms/left heart failure)...
- 7. Heart failure, acute forms (systolic/diastolic)...
- 8. Painful respiration (chest wall pain (anterior))
- 9. Pericarditis (non-rheumatic)...
- A. Pleurisy without effusion or current tuberculosis
- B. Takotsubo syndrome (stress cardiomyopathy, broken heart syndrome)
- C. Continue to screen 2

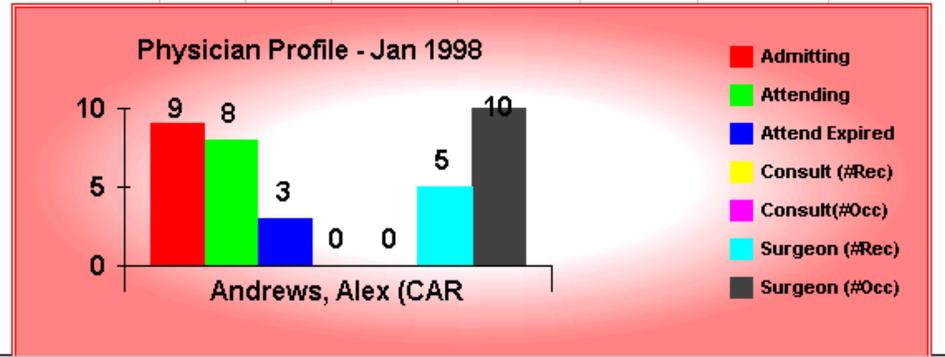
Buttons: Continue, Back, Add Diagnosis, Add Procedure, Codebook, Direct Code, Cancel, History

Reporting

- Requires data in CCE to create reports
- Report Types:
 - Detailed List
 - Summary
 - Graphic
 - Worklists`

Physician Profiling and Volume Indicators

| Admitting Phys: | Admitting | Attending | Attend Expired | Consult (#Rec) | Consult(#Occ) | Surgeon (#Rec) | Surgeon (#Occ) |
|----------------------|-----------|-----------|----------------|----------------|---------------|----------------|----------------|
| Andreas, Alex (CAR) | 9 | 8 | 3 | 0 | 0 | 5 | 10 |
| Arciero, Robert A. | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Ashby, Richard (SU) | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Belnap, Ross (Neurs) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bickerstaff, Neil | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Brown, Wendell (Rad) | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Cain, Nancy | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Farrell, Ed | 0 | 1 | 0 | 1 | 1 | 2 | 2 |
| Hemo, Dr Bob | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Lung, Dr John | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Siegal, Stanley | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | 10 | 10 | 4 | 9 | 9 | 9 | 14 |



Sample reports

- Coder Productivity
- RBRVS/APG
- Compliance
- Billable encounter
- Dx/Px
- Coding Management
- Benchmarking
- Provider



Standard Listing Reports

| Title | Modified | Fields |
|---|-------------------|--------|
| Coder Productivity Patient Listing (3M) | 7/1/08 10:20 am | 9 |
| Daily Encounter Listing (3M) | 11/4/05 3:03 pm | 13 |
| Encounter List (3M) | 12/11/07 12:40 pm | 13 |
| Encounters with Injury Flag of Yes (3M) | 29/3/06 10:47 am | 14 |
| Encounters with Pregnancy Flag of Yes (3M) | 29/3/06 10:48 am | 12 |
| ER Visits Following Ambulatory Patient Visits (APV's) (3M) | 24/6/05 12:59 pm | 13 |
| Evaluation & Management Codes by Provider-Prompted (3M) | 29/3/06 11:38 am | 10 |
| Evaluation & Management Professional Codes by Provider-Prompted (3M) | 29/3/06 3:08 pm | 12 |
| Evaluation & Management Provider's Codes by Provider-Prompted (3M) | 29/3/06 3:08 pm | 12 |
| Evaluation & Management/CPT Code by Provider-Prompted | 16/3/05 7:59 am | 20 |
| List of Patient Records by Attending Provider w/ PHI (3M) | 14/1/08 10:51 am | 11 |
| List of Patient Records by Attending Provider w/o PHI (3M) | 1/2/08 8:06 am | 4 |
| Listing of Diagnoses and Procedures by Attending Provider (3M) | 1/2/08 8:05 am | 8 |
| Listing of Diagnoses and Procedures by Provider (3M) | 1/2/08 8:05 am | 14 |
| Listing of Patient Category (3M) | 15/1/08 8:39 am | 6 |
| Listing of Procedure Provider Role w/ PHI (3M) | 25/1/08 2:54 pm | 7 |
| Listing of Procedure Provider Role w/o PHI (3M) | 14/1/08 12:53 pm | 4 |
| Listing of Records with DRGs 468, 469 and 470 (3M) | 7/1/08 10:40 am | 12 |
| OHI- Non-Validated Records Manager Listing - 29 Days or Greater (3M) | 26/6/06 7:38 am | 17 |
| OHI- Non-Validated Records Manager Listing - 29 Days or Greater (Taxonomy) (3M) | 26/6/06 7:37 am | 15 |
| One Day Length of Stay Listing (3M) | 7/1/08 11:34 am | 9 |

Close

42 Listings



Standard Summary Reports

The screenshot shows a software window titled "Current Summaries" with a menu bar (File, Report, Columns) and a toolbar (New, Edit, Delete, View, Traits, Build, Quick Build, Print List). The main area contains a table of reports:

| Title | Modified | Key x Cat |
|---|-------------------|-----------|
| CCE Timeliness Compliance Report by Ambulatory Encounter Date (3M) | 29/11/07 8:29 am | 4 x 11 |
| CCE Timeliness Compliance Report by MEPRS (3M) | 30/10/07 12:35 pm | 2 x 7 |
| Coder Productivity by Patient Group - CCE Complete with Time (3M) | 18/1/08 2:37 pm | 2 x 12 |
| Encounters with Injury Flag of Yes (3M) | 29/3/06 10:49 am | 3 x 4 |
| Encounters with Pregnancy Flag of Yes (3M) | 29/3/06 10:51 am | 3 x 3 |
| Evaluation & Management Codes Summary - Prompted (3M) | 10/9/07 7:23 am | 3 x 2 |
| Evaluation & Management Summary (3M) | 12/11/07 12:43 pm | 3 x 2 |
| Financial Class Analysis (3M) | 5/9/07 2:18 pm | 1 x 8 |
| Financial Class with Patient Group (3M) | 29/3/06 1:56 pm | 3 x 2 |
| Inpatient Summary by Military Grade/Rank (3M) | 7/1/08 10:53 am | 3 x 5 |
| MEPRS Analysis (3M) | 4/1/08 3:10 pm | 3 x 8 |
| MEPRS Analysis by Month (3M) | 29/3/06 1:55 pm | 3 x 9 |
| MEPRS with Appointment Provider Analysis - Prompted (3M) | 29/3/06 1:55 pm | 5 x 8 |
| Monthly CCE Billable Encounter Status Summary(3M) | 26/6/06 7:50 am | 4 x 9 |
| Monthly CCE Encounter Status Summary(3M) | 26/6/06 7:49 am | 4 x 9 |
| MTF CCE On Hold Potential Loss (3M) | 24/1/06 12:39 pm | 7 x 6 |
| Patient Detail by Military Grade/Rank and Disposition by Age Group (3M) | 7/1/08 10:53 am | 4 x 5 |

Close

42 Summaries



Using CCE for Data Quality

- CCE helps to identify patterns/trends in quality of data across MTF, not just audit sample
- Provides ability to drill down to patient level data
- The following slides are samples of reports that may be used to perform routine monitoring and/or conduct focused audits
 - *All data contained in the CCE chapters and fields may be used for reporting*
 - *RBRVS or RVU calculations are based on the CMS national physician work component, not MHS weights*
 - *APG calculations are national and based on weights developed with MHS data input*

Getting Started: Using CCE to Evaluate Data Quality

Do I have a problem?

- Begin with high level Summary reports
 - *Are there any obvious patterns, trends or outliers?*
- Drill down to Summary reports with more detail
 - *Does the Summary detail support or refute initial findings?*
- If yes, run associated Listing report(s)
 - *Evaluate individual encounter or admission report findings*
- Use CCE data to focus efforts in evaluation, resolution and training

Timeliness Metrics

- 1a. What percentage of clinics have complied with End of Day processing?
- 1b. What percentage of appointments were closed in meeting your “End of Day” processing requirements, “Every appointment – Every day?”
- 2a. What percentage of OP Encounters, have been coded within 3 business days of the encounter?
- 2b, What percentage of APVs have been coded within 15 days of the encounter?

Coding Timeliness Reports

Reminder - Encounter comes to CCE **after** coding in ADM completed and passes SADR edits

- CCE Timeliness Compliance Report by Ambulatory Encounter Date
 - *Summary by encounter date*
 - *Time from Encounter date to CCE load (calendar days)*
 - *Are there any patterns, trends or outliers in this data?*
 - *Identify possible problem days*

| CCE Timeliness Compliance Report by Ambulatory Encounter Date - OPJan 2007 | | | | | | | | | |
|--|-------|---------------|----------|----------|----------|-----------|------------|----------|------------------|
| Year | Month | Encounter Day | 0-1 Days | 2-3 Days | 4-6 Days | 7-10 Days | 11-15 Days | >15 Days | Total Encounters |
| | | 01 | 0 | 11 | 0 | 1 | 0 | 0 | 12 |
| | | 02 | 12 | 0 | 0 | 0 | 0 | 0 | 12 |
| | | 03 | 1,173 | 19 | 32 | 31 | 29 | 76 | 1,360 |
| | | 04 | 1,033 | 6 | 104 | 26 | 24 | 37 | 1,230 |
| | | 05 | 1,122 | 88 | 40 | 11 | 18 | 42 | 1,321 |
| | | 06 | 5 | 10 | 0 | 0 | 0 | 0 | 15 |
| | | 07 | 17 | 0 | 0 | 0 | 0 | 0 | 17 |
| | | 08 | 1,550 | 120 | 85 | 21 | 22 | 39 | 1,837 |
| | | 09 | 1,514 | 132 | 8 | 48 | 20 | 24 | 1,746 |
| | | 10 | 1,299 | 75 | 17 | 10 | 10 | 54 | 1,478 |
| | | 11 | 1,255 | 6 | 157 | 51 | 15 | 14 | 1,498 |
| | | 12 | 954 | 40 | 101 | 38 | 13 | 11 | 1,157 |



Coding Timeliness

- CCE Timeliness Compliance Report by MEPRS (3M)
 - *Summary by MEPRS*
 - *Time from Encounter to CCE (calendar days)*
 - *Identify possible problem clinics*
 - *BAAA – Internal Medicine*
 - *BEAA – Orthopedics*
 - *BFEB – Social Work*
 - *FBIA – Immunizations*
 - *What do I see in this report?*
 - *Questions I might ask?*
 - *What information do I need next?*

| DMIS ID | MEPRS | 0-1 Days | 2-3 Days | 4-6 Days | 7-10 Days | 11-15 Days | >15 Days | Total Encounters |
|---------|-------|----------|----------|----------|-----------|------------|----------|------------------|
| XXX | | 16,955 | 1,391 | 845 | 634 | 259 | 250 | 20,334 |
| | BGAA | 2,554 | 61 | 24 | 106 | 47 | 34 | 2,826 |
| | BDAA | 2,153 | 128 | 84 | 64 | 26 | 2 | 2,457 |
| | BCCA | 1,833 | 25 | 24 | 3 | 2 | 2 | 1,909 |
| | BLAA | 1,057 | 123 | 18 | 5 | 0 | 0 | 1,203 |
| | BNCA | 728 | 124 | 89 | 152 | 11 | 0 | 1,104 |
| | FBIA | 900 | 55 | 37 | 10 | 29 | 52 | 1,083 |
| | BEAA | 756 | 42 | 30 | 52 | 20 | 28 | 928 |
| | FBIC | 486 | 226 | 118 | 39 | 0 | 0 | 869 |
| | BAAA | 573 | 79 | 57 | 21 | 19 | 43 | 792 |
| | BFFA | 644 | 70 | 38 | 16 | 9 | 2 | 779 |
| | BHCA | 608 | 48 | 3 | 2 | 2 | 1 | 664 |
| | BALA | 375 | 95 | 17 | 0 | 0 | 0 | 487 |
| | BAAB | 375 | 26 | 56 | 17 | 6 | 1 | 481 |
| | BHFA | 405 | 0 | 0 | 0 | 0 | 0 | 405 |
| | BBAA | 367 | 6 | 6 | 2 | 1 | 5 | 387 |
| | BHGA | 346 | 0 | 0 | 0 | 0 | 0 | 346 |
| | BCCL | 158 | 126 | 40 | 12 | 3 | 0 | 339 |
| | BLBA | 320 | 4 | 6 | 1 | 0 | 0 | 331 |
| | BFEB | 119 | 62 | 41 | 26 | 23 | 47 | 318 |
| | BEDA | 284 | 0 | 0 | 0 | 0 | 0 | 284 |
| | BAPA | 273 | 4 | 0 | 0 | 0 | 0 | 277 |
| | BCBA | 230 | 6 | 4 | 1 | 1 | 1 | 243 |
| | BFBA | 169 | 24 | 32 | 7 | 0 | 0 | 232 |
| | BFAA | 94 | 14 | 45 | 35 | 27 | 15 | 230 |
| | BFEA | 118 | 9 | 45 | 2 | 21 | 6 | 201 |
| | BFE2 | 177 | 15 | 3 | 0 | 0 | 0 | 195 |
| | BHDA | 162 | 0 | 0 | 0 | 0 | 0 | 162 |
| | BBFA | 143 | 1 | 4 | 2 | 6 | 0 | 156 |
| | BFDA | 134 | 5 | 7 | 0 | 0 | 0 | 146 |
| | BBIA | 133 | 0 | 1 | 0 | 0 | 1 | 135 |
| | BHFB | 93 | 0 | 0 | 7 | 5 | 9 | 114 |
| | BBDA | 101 | 0 | 1 | 1 | 1 | 0 | 104 |
| | FBNA | 23 | 0 | 0 | 49 | 0 | 0 | 72 |
| | BDAB | 61 | 3 | 5 | 0 | 0 | 1 | 70 |
| | AFAA | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| | ACBA | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | BHAX | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | FBN2 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |



Coding Timeliness

- CCE Timeliness Compliance Report Listing (3M)
 - *Patient detail report - Days from Encounter to CCE load*
 - *Focus action appropriate to situation*

| CCE Timeliness Compliance Report Listing | | | | | | | |
|--|-------|---------------|----------------------|----------------|--------------------------|---------|----------------------|
| DMIS ID | MEPRS | Patient Group | Days to Rec'd in CCE | Encounter Date | Patient Name | Pat Cat | Appt Provider |
| -- | GBAW | OP | 94 | 19 Jun 2006 | UpdProv, UncertManReleas | A15 U | HIELSUN, REED 17386 |
| -- | GBAW | OP | 94 | 19 Jun 2006 | UpdProv, AutoReleased | A23 U | HIELSUN, REED 17386 |
| -- | GBAK | ER | 83 | 30 Jun 2006 | UpdProv, Billable (ER) | A15 U | HIELSUN, REED 17386 |
| -- | FALL | OP | 94 | 19 Jun 2006 | UpdProv, ReviewHold | A15 U | HIELSUN, REED 17386 |
| 1755 | FALK | ER | 52 | 31 Jul 2006 | TaxIII-OP, ERpart2 | A22 U | HIELSUN, REED 17386 |
| 7408 | FAKA | APV | 83 | 30 Jun 2006 | UpdProv, Billable (APV) | A21 U | HIELSUN, REED 17386 |
| -- | FAK | APV | 71 | 12 Jul 2006 | 90daytest, lma7 | A14 U | HIELSUN, REED 17386 |
| 1755 | FAK | OP | 55 | 28 Jul 2006 | TaxIII-OP, OP | A25 U | HIELSUN, REED 17386 |
| -- | DXXO | OBS | 83 | 30 Jun 2006 | UpdProv, Billable (OBS) | A15 U | HIELSUN, REED 17386 |
| 1755 | DXXO | OBS | 55 | 28 Jul 2006 | TaxIII-OP, OBS | A25 U | HIELSUN, REED 17386 |
| 1755 | DXXO | OBS | 52 | 31 Jul 2006 | TaxIII-OP, OBSpart3 | A25 U | HIELSUN, REED 17386 |
| 7421 | DXXO | OBS | 52 | 31 Jul 2006 | TaxIII-OP, OBSpart2 | A25 U | HIELSUN, REED 17386 |
| 1755 | DXXO | OBS | 20 | 12 Sep 2006 | TaxIII-OP, No Taxonomy | A43 U | PENNIES, KELLY 13540 |
| 7400 | DXXO | OBS | 15 | 06 Sep 2006 | MEPRS, RenIP | A41 U | JAMES BRIGHT, 50013 |



CCE Timeliness Compliance Report Listing (3M)

- Prompted by MEPRS
- May be used to identify potential issues with record completion in AHLTA or CHCS
- Report assigned to Coder Productivity, Clinic Productivity, Provider Performance, Data Quality and DoD RADs

Data Quality Management Control

- 5b. Percentage of Inpatient Professional Services Rounds encounters E&M codes audited and deemed correct?
- 6b. What is the percentage of (*outpatient*) E&M codes deemed correct?



E&M Assignment

- Ambulatory Patient Procedure Analysis
- Is there anything concerning or suggests further investigation in this data?

| Primary CPT | Total Encounters | Primary CPT | Total Encounter |
|-------------|------------------|-------------|-----------------|
| 99499 | 2,851 | 99284 | 12 |
| 99456 | 12 | 99283 | 223 |
| 99455 | 1 | 99282 | 283 |
| 99450 | 1 | 99281 | 296 |
| 99429 | 35 | 99253 | 1 |
| 99420 | 4 | 99252 | 2 |
| 99412 | 28 | 99251 | 2 |
| 99404 | 4 | 99245 | 7 |
| 99403 | 10 | 99244 | 5 |
| 99402 | 65 | 99243 | 30 |
| 99401 | 105 | 99242 | 38 |
| 99397 | 14 | 99241 | 4 |
| 99396 | 244 | 99233 | 1 |
| 99395 | 574 | 99215 | 179 |
| 99394 | 49 | 99214 | 2,452 |
| 99393 | 67 | 99213 | 5,300 |
| 99392 | 135 | 99212 | 1,635 |
| 99391 | 117 | 99211 | 510 |
| 99387 | 5 | 99205 | 32 |
| 99386 | 59 | 99204 | 47 |
| 99385 | 206 | 99203 | 589 |
| 99384 | 19 | 99202 | 871 |
| 99383 | 25 | 99201 | 448 |
| 99382 | 48 | 99173 | 368 |
| 99381 | 89 | 99172 | 2 |
| 99284 | 12 | 99148 | 1 |
| 99283 | 223 | 99143 | 1 |
| 99282 | 283 | | |
| 99281 | 296 | | |



Accuracy of E&M Coding

Compare to MHS and industry standards

| Evaluation & Management Codes Summary | | | | |
|---------------------------------------|----------------------------|--------------------------------|---------------|--------------------------|
| DMIS ID | Procedure Provider | CPT/HCPCS Procedure | Total Records | Percent of Total Records |
| - | | | 1 | 0.42 |
| | DES02AMPS, BE02ANY A 19592 | | 1 | 0.42 |
| | | 99214 Office/outpat Visit, Est | 1 | 0.42 |
| 0038 | | | 238 | 99.17 |
| | BILSON, SONNY 19090 | | 90 | 37.50 |
| | | -- | 1 | 0.42 |
| | | 99212 Office/outpat Visit, Est | 1 | 0.42 |
| | | 99281 Emergency Dept Visit | 21 | 8.75 |
| | | 99282 Emergency Dept Visit | 27 | 11.25 |
| | | 99283 Emergency Dept Visit | 29 | 12.08 |
| | | 99284 Emergency Dept Visit | 11 | 4.58 |
| | LOETTE, SHANE 19708 | | 89 | 37.08 |
| | | -- | 1 | 0.42 |

Based on what you know about your business, are these results what you expect?

Do audit results confirm this E&M curve?



E&M Coding

- Listing Reports
 - *Drill down to patient level detail*

- Reminder
 - *Large percentage of outpatient encounters are not reviewed by a professional coder*

Evaluation & Management Codes by Provider

| DMIS ID | MEPRS | FMP/Spon SSN | Encounter Date | Pat Cat | Billing Flag | Patient Name | Procedure Provider | CPT/HCPCS Procedure |
|---------|---------|----------------|----------------|---------|--------------|-------------------------|--|---|
| -- | -- | 20/132-45-6789 | 29 Oct 2007 | -- | -- | Tricare, test patient 2 | SELTZER, ELLERY 10019 | 99499 Unlis e/m svc |
| -- | -- | 20/132-45-6789 | 25 Oct 2007 | -- | -- | Tricare, test patient 2 | SELTZER, ELLERY 15979 | 99499 Unlis e/m svc |
| -- | -- | 20/254-65-2365 | 12 Oct 2007 | -- | -- | Test, APV2 | AENGER, ADDISON 26163 | 99499 Unlis e/m svc |
| -- | -- | 20/800-11-1134 | 19 Dec 2006 | A15 | OHI | Bane, Kelli | AENGER, ADDISON 28347 | 99285 Emer dept high severity&th |
| 7420 | A.AEA | 02/016-37-0065 | 13 Jan 2006 | A15 | TFL | A.ABTest104988, lma | GONGIR, ADDISON 9073 VILSON, ADDISON 1406 AENGER, ADDISON 8479 | 99411 Prev med cnsl grp spx 30 m |
| 0014 | A.F.A.A | 01/888-88-8888 | 04 Jan 2006 | A11 | TFL | Test, Patient 1 | KILNSON, EVIN 10005 HIELSUN, ELLERY 10006 AENGER, ADDISON 17907 KILNSON, EVIN 10005 | 99215 Office outpt est 40 min 99354 Proing phys svc office o/p |
| -- | -- | 20/223-55-0001 | 06 Jun 2005 | -- | UB | SMITH, MARY6 | SELTZER, ELLERY 10019 | 99285 Emer dept high severity&th |
| 0038 | B.I.A.A | 20/810-62-8776 | 17 Jan 2005 | N11 | UB | J.VTest22161, lma | BILSON, SONNY 19090 KILNSON, KELLY 381 | 99283 Emer dept moderate severit |
| 0038 | B.I.A.A | 20/129-96-4110 | 17 Jan 2005 | N11 | UB | W.ABTest323098, lma | BILSON, SONNY 19090 KILNSON, EVIN 10005 GONGIR, ADDISON 9073 | 99283 Emer dept moderate severit |
| 0038 | B.I.A.A | 30/240-60-0620 | 17 Jan 2005 | M41 | UB | J.ABTest333901, lma | BILSON, SONNY 19090 | 99284 Emer dept hi severity&urge |
| 0038 | B.I.A.A | 30/051-70-6141 | 13 Jan 2005 | N41 | UB | U.ABTest342804, lma | FELLSO, PAYTON 28683 | 99283 Emer dept moderate severit |
| 0038 | B.I.A.A | 20/217-34-4921 | 11 Jan 2005 | K61 | DD7A | U.FABTest330298, lma | KILNSON, KELLY 381 | 99282 Emer dept low to moderate |
| 0038 | B.I.A.A | 20/217-34-4921 | 07 Jan 2005 | K61 | DD7A | U.FABTest330298, lma | SELTZER, ADDISON 28732 | 99283 Emer dept moderate severit |
| 0038 | B.I.A.A | 20/217-34-4921 | 14 Dec 2004 | K61 | DD7A | U.FABTest330298, lma | OLSUN, RENE 12805 | 99283 Emer dept moderate severit |



Did Coder Query Provider?

| CCE Coding Info | | | Dx Extenders | CCE Med Necity | CCE NCCI/OCE | CCE RBRVS Info | CCE APG Info | Injury Data | Pregnancy Data | Enc Data Entry | Record Mgmt | Patient History |
|--------------------|----------------------|--|--------------|----------------|--------------|----------------|--------------|-------------|----------------|----------------|-------------|-----------------|
| Occ | Prompt | Data Entry | | | | | | | | | | |
| | Patient Data | UpdProv, Complete 30/343-84-1123 Female 35Y 19Jun2006 00:00 OHI | | | | | | | | | | |
| | Encntr Coding Status | Review Hold (u) | | | | | | | | | | |
| 1 RECORD MGMT INFO | | | | | | | | | | | | |
| | Encntr Coding Status | Review Hold (u) | | | | | | | | | | |
| | Reason | Inadequate Documentation | | | | | | | | | | |
| | Assigned Date | 02/10/2006 | | | | | | | | | | |
| | Reason Comment | Documentation indicates the patient received fluids frequently given for dehydration; would it be appropriate to document a diagnosis for coding? If so, please add an addendum to the AHLTA records. Thank you, JLL | | | | | | | | | | |
| | Query Provider | JIALSON, CHANDLER | | | | | | | | | | |
| | Query Location/Other | | | | | | | | | | | |
| | Response | Other (see comments) | | | | | | | | | | |
| | Response Date | 11/10/2006 | | | | | | | | | | |
| | Response Comment | XX | | | | | | | | | | |
| RECORD MGMT INFO | | | | | | | | | | | | |
| | Encntr Coding Status | | | | | | | | | | | |
| | Reason | | | | | | | | | | | |
| | Assigned Date | | | | | | | | | | | |
| | Reason Comment | | | | | | | | | | | |
| | Query Provider | | | | | | | | | | | |
| | Query Location/Other | | | | | | | | | | | |
| | Response | | | | | | | | | | | |

| Input | Value |
|-------|---------------------------------------|
| 4 | Coding Edits |
| 5 | Demographic/Data Correction Requested |
| 7 | Diagnosis Missing |
| 9 | Edit due to DoD Coding Guideline |
| 3 | Illegible Documentation |
| 2 | Inadequate Documentation |
| 6 | Medical Record Requested |
| 1 | No Record/Documentation Available |
| 10 | Other (see comments) |
| 8 | Procedure Missing |
| 11 | Reviewed Prov Cd Updt |



Word Template

Pulls information from CCE Record Management

- Use tool to ask providers about documentation issues

Provider Communication Form

| | |
|--------------|-------------------|
| Date: | 19/02/2007 |
| To: | JIALSON, CHANDLER |
| From: | CODE3 |

| | | |
|--|---|------------------------|
| Patient Name: UpdProv, Complete | FMP/Sponsor SSN: 30/343-84-1123 | |
| Encounter Date: 19/06/2006 00:00 | MEPRS DAAR | Clinic Location |

| Question/Comments | |
|---|---|
| Reason: Inadequate Documentation | ← |
| Comment: Documentation indicates the patient received fluids frequently given for dehydration; would it be appropriate to document a diagnosis for coding? If so, please add an addendum to the AHLTA records. Thank you, JLL | ← |

| |
|---------------------------|
| Provider Response: |
|---------------------------|

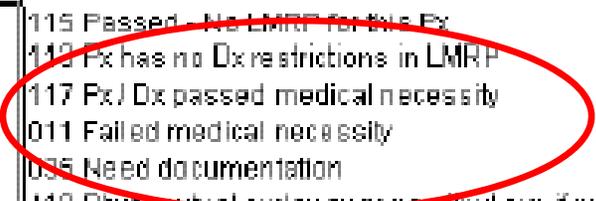


Accuracy of ICD-9 Coding

- 5c. Inpatient Professional Services Rounds encounters ICD-9 Codes audited and deemed correct?
- 6c. Outpatient records: What is the % of ICD-9 codes deemed correct?
- 7c. Ambulatory Patient Visits: What is the % of ICD-9 codes deemed correct?

| CCE Post Audited Edits Exist Summary | | | |
|--------------------------------------|---|-----------------------------|---------------|
| Coder | Edit | Total Encounters with Edits | Total # Edits |
| GDDE3 | | 22 | 67 |
| | 115 Passed - No LMRP for this Px | 19 | 39 |
| | 119 Px has no Dx restrictions in LMRP | 6 | 7 |
| | 117 Px/Dx passed medical necessity | 5 | 5 |
| | 011 Failed medical necessity | 3 | 5 |
| | 035 Need documentation | 2 | 2 |
| | 419 Phys initial exclv ex prnt no billd evn if mod prnt | 2 | 3 |
| | 519 Mutually exclv cd prd w/HCP/SCPT to trigger 419 | 2 | 2 |

Evaluate potential problem areas in coding through review of edits



Coding Accuracy

- Provider/Coder Coding Comparison (3M)
- Identify specific cases where coder/auditor has modified coding.

Provider/Coder Coding Comparison

| FMP/Sponsor SSH | DMIS ID | MEPRS | Pat Cat | Encounter Date | Billing Flag | Appt Provider | Appt Prov Specialty | Prov Chief Complaint | Prov Dx | Prov CPT Px | Coder | Coder Chief Complaint | Coder Dx | Coder CPT Px |
|-----------------|---------|-------|---------|----------------|--------------|------------------------|---------------------|----------------------|---------|-------------|---------|-----------------------|----------|---|
| 20/504-30-1956 | 0038 | BBF5 | F31 | 02 Sep 2004 | UB | BILSON, PERRY 3366 | OTORHINOLAR | -- | -- | -- | 589S | 7092 | 7092 | 11446 12053 |
| 20/625-12-7172 | 0038 | BBI5 | N31 | 04 Oct 2004 | UB | GONGIR, REED 28655 | UROLOGIST | -- | -- | -- | 589S | V1051 | V1051 | 52601 52214 5968 01991 |
| 01/772-70-6563 | 0038 | BAK5 | N41 | 25 Oct 2004 | UB | CINGER, CHANDLER 22050 | NURSE, GENER | -- | -- | -- | 589S | 340 | 340 | 90780 90781 J2930 J2930 J2930 J2930 J2930 J2930 J2930 |
| 30/345-70-2119 | 0038 | BCB5 | M43 | 28 May 2004 | OHI | HIELSUN, ADDISON 26197 | OBSTETRICIAN | -- | -- | -- | 589S | 6270 | 6270 | 58563 90784 00952 J1885 |
| 20/596-13-8833 | 0038 | BEA5 | N11 | 28 Sep 2004 | UB | HIELSUN, CARMINE 22765 | ORTHOPEDIC S | -- | -- | -- | 589S | 7094 | 6861 | 11422 90784 J1885 |
| 01/267-24-0192 | 0038 | BEA5 | N41 | 01 Apr 2002 | UB | GONGIR, ELLERY 13423 | ORTHOPEDIC S | -- | -- | -- | BL90033 | 7327 | 7327 | 29887 01382 |
| 20/249-50-1520 | 0038 | BIAA | N31 | 01 Apr 2004 | UB | BILSON, SONNY 19090 | EMERGENCY P | -- | -- | -- | BL90033 | 4660 | 4660 | 94640 36415 99283 |



Provider/Coder Coding Comparison - Listing

- Prompted by Coder(s), Provider(s), DMIS and MEPRS
 - Coders may be selected by entering the CCE user name of the coder (i.e., sally.smith)
 - Providers may be selected by entering the Provider ID from the Provider table in CCE
 - Multiple values may be entered in the prompt, separated by commas
- Report assigned to the Coder Productivity, Clinic Productivity, Data Quality, Provider Performance and DoD RADs

Coding Accuracy

- Provider/Coder Coding Comparison (3M) – Summary
- Provides information to providers/clinics and highlights opportunities for coding education

Provider/Coder Coding Comparison

| Provider | Total # of Enc | # of Enc w/ Coding Changes | % of Enc w/ Coding Changes | # of Provider CPT Codes | Provider Avg Px Codes/Enc | # of Provider ICD-9 Codes | Provider Avg Dx Codes/Enc | # of Coder CPT Codes | Coder Avg Px Codes/Enc | # of Coder ICD-9 Codes | Coder Avg Dx Codes/Enc | # of Dx Codes Changed | % of Dx Codes Changed | # of Px Codes Changed | % of Px Codes Changed | Total Days | Avg Days |
|-----------------------|----------------|----------------------------|----------------------------|-------------------------|---------------------------|---------------------------|---------------------------|----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------|----------|
| -- | 5 | 1 | 0.20 | 10 | 2 | 10 | 2 | 10 | 2 | 12 | 2 | 2 | 0.20 | 0 | 0.00 | 5 | 1 |
| AENGER, ADDISON 26163 | 1 | 1 | 1.00 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0.00 | 1 | 0.50 | 1 | 1 |
| AENGER, ADDISON 28347 | 1 | 1 | 1.00 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0.00 | 1 | 0.50 | 1 | 1 |
| AENGER, ASHELEY 22860 | 21 | 17 | 0.81 | 25 | 1 | 36 | 2 | 26 | 1 | 41 | 2 | 26 | 0.72 | 17 | 0.68 | 21 | 1 |
| AENGER, BLAINE 18168 | 2 | 2 | 1.00 | 2 | 1 | 2 | 1 | 4 | 2 | 3 | 2 | 3 | 1.50 | 3 | 1.50 | 2 | 1 |
| AENGER, BRICE 21628 | 60 | 30 | 0.50 | 61 | 1 | 88 | 1 | 64 | 1 | 90 | 2 | 13 | 0.15 | 27 | 0.44 | 60 | 1 |
| AENGER, CARMINE 22340 | 1 | 0 | 0.00 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0.00 | 0 | 0.00 | 1 | 1 |
| AENGER, DALLAS 11939 | 1 | 1 | 1.00 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1.00 | 0 | 0.00 | 1 | 1 |
| AENGER, DALLAS 22862 | 11 | 10 | 0.91 | 12 | 1 | 22 | 2 | 14 | 1 | 21 | 2 | 15 | 0.68 | 7 | 0.58 | 11 | 1 |
| AENGER, DEVON 16730 | 8 | 7 | 0.88 | 26 | 3 | 10 | 1 | 22 | 3 | 13 | 2 | 7 | 0.70 | 7 | 0.27 | 8 | 1 |
| AENGER, GLEN 2302 | 1 | 1 | 1.00 | 1 | 1 | 4 | 4 | 2 | 2 | 4 | 4 | 1 | 0.25 | 1 | 1.00 | 1 | 1 |
| AENGER, MCKENNA 13809 | 21 | 16 | 0.76 | 21 | 1 | 27 | 1 | 30 | 1 | 29 | 1 | 16 | 0.59 | 18 | 0.86 | 21 | 1 |
| AENGER, NOEL 18773 | 13 | 12 | 0.92 | 13 | 1 | 24 | 2 | 13 | 1 | 17 | 1 | 16 | 0.67 | 4 | 0.31 | 13 | 1 |
| AENGER, PAYTON 24190 | 34 | 21 | 0.62 | 60 | 2 | 84 | 2 | 56 | 2 | 80 | 2 | 49 | 0.58 | 25 | 0.42 | 34 | 1 |
| AENGER, SHANE 25523 | 107 | 88 | 0.82 | 230 | 2 | 131 | 1 | 295 | 3 | 150 | 1 | 51 | 0.39 | 152 | 0.66 | 107 | 1 |
| BENSON, ADRIAN 5076 | 5 | 2 | 0.40 | 13 | 3 | 7 | 1 | 12 | 2 | 6 | 1 | 3 | 0.43 | 1 | 0.08 | 5 | 1 |
| BENSON, ASHELEY 22013 | 107 | 59 | 0.55 | 281 | 3 | 108 | 1 | 263 | 2 | 119 | 1 | 52 | 0.48 | 38 | 0.14 | 107 | 1 |
| BENSON, FRANCIS 4185 | 923 | 352 | 0.38 | 2,533 | 3 | 1,052 | 1 | 2,835 | 3 | 1,055 | 1 | 14 | 0.01 | 484 | 0.19 | 923 | 1 |
| BILSON, ADDISON 18761 | 21 | 18 | 0.86 | 43 | 2 | 25 | 1 | 43 | 2 | 38 | 2 | 21 | 0.84 | 19 | 0.44 | 21 | 1 |
| BILSON, ADDISON 22861 | 22 | 19 | 0.86 | 23 | 1 | 46 | 2 | 31 | 1 | 39 | 2 | 25 | 0.54 | 20 | 0.87 | 22 | 1 |



Provider/Coder Coding Comparison - Summary

- Prompted by Coder(s), Provider(s), DMIS and MEPRS
 - Coders may be selected by entering the CCE user name of the coder (i.e., sally.smith)
 - Providers may be selected by entering the Provider ID from the Provider table in CCE
 - Multiple values may be entered in the prompt, separated by commas
- Report assigned to the Coder Productivity, Clinic Productivity, Data Quality, Provider Performance and DoD RADs

ICD-9 Coding Accuracy

- CCE Coder Primary Diagnosis Index
 - *Detail listing of diagnosis and CPT codes by encounter*

CCE Coder Primary Diagnosis Index

| DMIS ID | MEPRS | FMP/Spon SSN | Encounter Date | Appt Provider | Appt Prov Specialty | Age | Sex | Pat Cat | Bill Flag | Coder | Chief Complaint | Dx1 | Dx2 | Dx3 | Dx4 | CPT Px1 | CPT Px2 | CPT Px3 | CPT Px4 | CPT Px5 | CPT Px6 | CPT Px7 | CPT Px8 | CPT Px9 |
|---------|-------|----------------|----------------|-----------------|---------------------|-----|-----|---------|-----------|--------------|-----------------|-------|------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0038 | BCC5 | 30/591-42-5181 | 25 Mar 2004 | POLLEN, ELLERY | FAMILY PRACTI | 24 | F | N41 | UB | GAT724 | 0059 | 0059 | V222 | -- | -- | 99213 | 90782 | J2550 | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 20/233-46-3248 | 12 Dec 2004 | OLSUN, RENE 128 | GENERAL MEDI | 67 | M | N31 | UB | HC234 | 7880 | 00845 | -- | -- | -- | 99283 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 30/914-52-2735 | 21 Jun 2004 | LOETTE, SHANE 1 | EMERGENCY ME | 81 | F | N43 | OHI | DXL495 | 00845 | 00845 | -- | -- | -- | 90780 | 99284 | G0001 | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 20/155-88-1913 | 23 Oct 2004 | OLSUN, RENE 128 | GENERAL MEDI | 46 | M | N31 | UB | nhp-student2 | -- | 00869 | 2765 | 7905 | -- | 94761 | 36415 | 90780 | 99283 | -- | -- | -- | -- | -- |
| 0038 | BIAA | 20/574-82-4822 | 15 Feb 2004 | OLSUN, RENE 128 | GENERAL MEDI | 20 | F | N11 | UB | HC234 | 0088 | 0088 | -- | -- | -- | 99283 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 30/192-51-3985 | 18 May 2004 | BILSON, SONNY 1 | EMERGENCY PH | 33 | F | M41 | UB | HC234 | 5589 | 0088 | -- | -- | -- | 90784 | 99282 | J2550 | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 01/526-62-0153 | 09 Dec 2004 | BILSON, SONNY 1 | EMERGENCY PH | 7 | M | N41 | UB | GAT724 | 5589 | 0088 | -- | -- | -- | 99283 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 01/276-51-8724 | 18 Dec 2004 | BILSON, SONNY 1 | EMERGENCY PH | 17 | F | N43 | UB | HC234 | 5589 | 0088 | -- | -- | -- | 90780 | 90784 | 90781 | 99283 | -- | -- | -- | -- | -- |
| 0038 | BIAA | 20/539-46-8618 | 18 Apr 2004 | FELLSO, SONNY | EMERGENCY PH | 66 | M | C31 | DD7A | HC234 | 78906 | 0088 | 7847 | -- | -- | 99282 | 90784 | 94760 | Q0081 | J7030 | J2550 | J1956 | -- | -- |
| 0038 | BIAA | 30/968-80-0270 | 18 Dec 2004 | BILSON, SONNY 1 | EMERGENCY PH | 41 | F | N41 | UB | HC234 | 5589 | 0088 | -- | -- | -- | 99283 | 90780 | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 60/732-12-1461 | 16 Aug 2004 | BILSON, SONNY 1 | EMERGENCY PH | 0 | F | M29 | UB | HC234 | 0088 | 0088 | -- | -- | -- | 36415 | 99283 | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 01/383-62-1748 | 16 Aug 2004 | BILSON, SONNY 1 | EMERGENCY PH | 2 | M | N41 | UB | HC234 | 0088 | 0088 | -- | -- | -- | 36415 | 99282 | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 01/266-66-9099 | 01 Dec 2003 | OLSUN, RENE 128 | GENERAL MEDI | 3 | M | N41 | UB | HC234 | 0088 | 0088 | -- | -- | -- | 99283 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 09/337-06-7849 | 05 Nov 2004 | OLSUN, RENE 128 | GENERAL MEDI | 7 | M | N43 | UB | HC234 | 0088 | 0088 | -- | -- | -- | 99282 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0038 | BIAA | 01/124-94-1310 | 09 Aug 2004 | OLSUN, RENE 128 | GENERAL MEDI | 13 | M | A41 | UB | GAT724 | 0088 | 0088 | 7806 | -- | -- | 99283 | 36000 | 36415 | J7030 | -- | -- | -- | -- | -- |
| 0038 | BIAA | 30/889-76-6144 | 13 Apr 2004 | LOETTE, SHANE 1 | EMERGENCY ME | 52 | F | N43 | UB | BL90033 | 5589 | 0088 | 2765 | -- | -- | 36415 | 90784 | 99283 | Q0081 | J2550 | -- | -- | -- | -- |
| 0261 | BHAM | 03/889-95-1141 | 27 Feb 2004 | HIELSUN, 23190 | PHYSICIAN ASS | 1 | M | C41 | DD7A | DXL495 | 0088 | 0088 | -- | -- | -- | 99213 | -- | -- | -- | -- | -- | -- | -- | -- |



Review Medical Necessity Chapter

| 3M HDM Data Entry - [Edit Record -- 343841 UpdProv, Complete [OP 3438410 19/06/2006 00:00]] | | |
|---|---------------------|--|
| Main Record Print Window View Help | | |
| Re-call Delete Restore Save Abort Submit | | |
| Patient Info Encntr Data Prov Codes Prov Med Necity Prov NCCI/OCE Prov RBRVS Info Prov APG Info Prov Inj Data Prov Preg Dat | | |
| Occ | Prompt | Data Entry |
| | Patient Data | UpdProv, Complete 30/343-84-1123 Female 35Y 19Jun2006 00:00 OHI Press ENTER to continue |
| 1 | CPT PROCEDURE INFO | |
| | CPT/HCPCS Procedure | 99205 Office/outpatient eval & mgmt of new patient requiring 3 components: comprehensive history & examination, |
| 1 | Linked Diagnosis | 49300 Extrinsic asthma NOS |
| 1 | MN/LMRP INFORMATION | |
| | MN/LMRP Edit | Passed - No LMRP for this Px |
| | MN/LMRP Edit Policy | |
| | Read Policy | |
| | Call for Policy | |
| | MN/LMRP Edit URL | |
| | MN/LMRP INFORMATION | |
| | MN/LMRP Edit | |
| | MN/LMRP Edit Policy | |
| | Read Policy | |
| | Call for Policy | |
| | MN/LMRP Edit URL | |
| 2 | CPT PROCEDURE INFO | |
| | CPT/HCPCS Procedure | 71030 Radiologic examination, chest, complete, minimum of four views |
| 1 | Linked Diagnosis | 49300 Extrinsic asthma NOS |
| 2 | | V090 Inf mcrg rstn pncllins |
| 1 | MN/LMRP INFORMATION | |
| | MN/LMRP Edit | Passed - No LMRP for this Px |
| | MN/LMRP Edit Policy | |

•Was there a Medical Necessity edit on the encounter?
•Is there a Bulletin available for my review?



Accuracy of CPT Coding

- 5d. Percentage of Inpatient Professional Services Rounds encounters CPT Codes audited and deemed correct?
- 6d. What is the percentage of (*outpatient*) CPT codes deemed correct?
- 7d. What is the percentage of (*APV*) CPT codes deemed correct?
- High level analysis of potential patterns of variance at a clinic level
- Compare RVU totals within a clinic, between similar clinics or trends over time

MEPRS with Appointment Provider Analysis

| DMIS | APPT Prov | Appt Provider | Total | Avg APG | Total | Potential APG \$ | Avg RBRVS | Total | Potential RBRVS \$ | |
|------|-----------|------------------|-------|---------|-------|------------------|-----------|-------|--------------------|--------|
| 0014 | AFAA | KILNSON, EMN 100 | 1 | 2.94 | 0.00 | 0.00 | 0.00 | 10.78 | 408.54 | |
| | | | 1 | 2.94 | 0.00 | 0.00 | 0.00 | 10.78 | 408.54 | |
| | | | 1 | 2.94 | 0.00 | 0.00 | 0.00 | 10.78 | 408.54 | |
| | | | 1 | 2.94 | 0.00 | 0.00 | 0.00 | 10.78 | 408.54 | |
| | | | 1 | 2.94 | 0.00 | 0.00 | 0.00 | 10.78 | 408.54 | |
| 0038 | BBFA | BILSON, PERRY 33 | 16 | 47.06 | 4.29 | 68.69 | 553.81 | 3.38 | 54.15 | 126.16 |
| | | | 1 | 2.94 | 3.98 | 3.98 | 513.16 | 1.80 | 1.80 | 67.21 |
| | | | 1 | 2.94 | 3.98 | 3.98 | 513.16 | 1.80 | 1.80 | 67.21 |
| | | | 1 | 2.94 | 3.98 | 3.98 | 513.16 | 1.80 | 1.80 | 67.21 |
| | | | 1 | 2.94 | 3.98 | 3.98 | 513.16 | 1.80 | 1.80 | 67.21 |
| | BCC5 | NELLIGER, RAPHA | 3 | 8.82 | 3.05 | 9.14 | 392.85 | 5.97 | 17.90 | 222.78 |
| | | | 1 | 2.94 | 1.83 | 1.83 | 235.81 | 14.76 | 14.76 | 551.10 |
| | | | 1 | 2.94 | 1.83 | 1.83 | 235.81 | 14.76 | 14.76 | 551.10 |
| | | | 1 | 2.94 | 1.83 | 1.83 | 235.81 | 14.76 | 14.76 | 551.10 |
| | | | 1 | 2.94 | 1.83 | 1.83 | 235.81 | 14.76 | 14.76 | 551.10 |
| | | | 1 | 2.94 | 4.15 | 4.15 | 535.44 | 1.10 | 1.10 | 41.07 |
| | | | 1 | 2.94 | 4.15 | 4.15 | 535.44 | 1.10 | 1.10 | 41.07 |
| | | | 1 | 2.94 | 4.15 | 4.15 | 535.44 | 1.10 | 1.10 | 41.07 |



CCE Tools

- Select audit focus - Providers
- CCE Pre Audit Detail of Provider Edits (3M)

CCE Pre Audit Detail of Provider Edits

| DMIS ID | Appt Provider | Appt Prov Specialty | Encounter Date | FMP/Spon SSN | Patient Name | Pat Cat | MEPRS | Billing Flag | Enc Coding Status | Prov CPT/HCPCS | CPT Modifier | NCCI Edit | Med Nec/LMRP Edit | OCE Edit |
|---------|---------------|---------------------|----------------|----------------|--------------|---------|-------|--------------|-------------------|----------------|--------------|-----------|----------------------------------|----------|
| .. | SELTZER, ELL | .. | 24 Jul 2007 | 20/152-36-5636 | Bane, Kathy | A11 | .. | UB | Uncertified M | 76499 27840 | .. | .. | 112 No Dx code 112 No Dx code | .. |
| | | | | | | | | | | | | | | |

Prompts by Billing Flag and Appointment Provider

- Opportunity to focus on records with edits for auditing
- Identify opportunities for improving coding at Point of Service to reduce edits



CPT Accuracy

- CCE Post Audit Edits Exist-prompted (3M)
 - *Drill down to encounter detail*
 - *Can focus by provider or coder*



| CCE Post Audit Edits Exist | | | | | | | | | | | | | | |
|----------------------------|-------|---------|--------------|---------------------|---------------------|--------|-------------------|---|---|--|-------------------|--------------|---------------------|----------------|
| DMIS ID | MEPRS | Pat Cat | Billing Flag | Appt Provider | Appt Prov Specialty | Coder | Enc Coding Status | OCE Edit | NCCI Edit | MMLMRP Edit | Enc Status Reason | Patient S.SN | Patient Name | Encounter Date |
| 7407 | AADA | A18 | TFL | BILSON, NOEL 1 | - | CODE3 | - | 043 Transfuse or bleed exciting w/o specify bid p | - | 115 Passed - No LMRP for this Pz | - | 018511495 | AABTest1104988, Int | 07 Mar 2009 |
| 0038 | BEA5 | N51 | UB | OLSUN, RAPHAEL 2148 | ORTHOPEDIC SUR | elbazz | Complete (u) B | | | 113 Pz has no Dlx restrictions in LMRP | - | 428074470 | AABTest172224, Int | 28 Jan 2004 |
| | | | | | | | | | | 115 Passed - No LMRP for this Pz | - | | | |
| | | | | | | | | | | 055 Need documentation | - | | | |
| | | | | | | | | | | 113 Pz has no Dlx restrictions in LMRP | - | | | |
| | | | | | | | | | | 113 Pz has no Dlx restrictions in LMRP | - | | | |
| | | | | | | | | | | 113 Pz has no Dlx restrictions in LMRP | - | | | |
| | | | | | | | | | | 057 Policies are inconclusive for Med | - | | | |
| 0038 | BEA5 | N43 | UB | ELISIN, DEVON 23282 | ORTHOPEDIC SUR | CODE3 | - | | | 115 Passed - No LMRP for this Pz | - | 628843862 | XCACTest330977, Int | 10 Jan 2005 |
| | | | | | | | | | | 115 Passed - No LMRP for this Pz | - | | | |
| | | | | | | | | | | 115 Passed - No LMRP for this Pz | - | | | |
| 0038 | BCC5 | N41 | UB | LOETTE, NOEL 2544 | FAMILY PRACTICE | CODE3 | - | | 440 Phys CC proc code pair allowed if approp mod pref | | | | | |



CPT Accuracy

Audit Tracking Identification-prompted (3M)

- Review report for code changes by the coder / auditors
- Identify issues for clinic and/or provider feedback
- Evaluate RBRVS & Reimbursement differences

Left side

| DMIS ID | MEPRS | Patient Group | MR/Spn SSN | Encounter Date | Clinic Loc | Patient Name | Billing Rag | Appt Provider | Prov Specialty | Disposition | Acc/Inj Rag | Prov Chief Complaint | Prov CPT/HCPCS Pk | |
|---------|-------|---------------|---------------|----------------|------------|--------------|-------------|---------------|----------------|------------------|-------------|----------------------|-------------------|--|
| 7400 | A000 | DBS | 38743-05-9123 | 30 Jun 2008 | .. | UpdProv, UB | UB | JALSON, CHA | ALLERGIST | Released without | Yes | 920 | 99202 | OFFICE/OUTPATIENT EVAL & MGMT OF NEW PATIENT REQUIRING 3 COMPONENTS: EXPANDED PROBLEM FOCUSED HISTORY & EXAMINATION, AND STRAIGHTFORWARD DECISION MAKING |

Right side

| Linked Dx | Prov RBRVS Yr | Prov Potential RBRVS & Reimb | Coder Auditor Dx | Coder CPT/HCPCS Proc | Coder CPT/ICD | Coder CPT Mod | Linked Dx | Coder RBRVS Yr | Coder Potential RBRVS & Reimb | RBRVS Total Weight | Sec Prov | Set Prov Role | Coding Status | Rev Comp Dt | Coder |
|-----------|---------------|------------------------------|------------------|----------------------|--|---------------|-----------|----------------|-------------------------------|--------------------|----------|---------------|---------------|-------------|--------|
| 920 | 0.88 | 33.36 | 920 E8880 | 99202 | OFFICE/OUTPATIENT EVAL & MGMT OF NEW PATIENT REQUIRING 3 COMPONENTS: EXPANDED PROBLEM FOCUSED HISTORY & EXAMINATION, AND STRAIGHTFORWARD DECISION MAKING | -- | 920 | 0.88 | 33.36 | 3.64 | 14857 | 2 | Complete | 03 Aug 2008 | C00102 |
| E8880 | 1.70 | 10.70 | | 13011 | SIMPLE REPAIR SUPERFICIAL WOUNDS OF FACE/EAR/ EYELIDS | | E8880 | 1.70 | 00.70 | | 17106 | 4 | | | |



Audit Tracking Identification

- Prompted by MEPRS and Provider
 - Multiple MEPRS or Providers may be used, separated by commas
 - Providers may be selected by entering the Provider ID from the Provider table in CCE
- Compares the provider and coder's codes
- May be used to provide education to the provider
- Report assigned to the Coder Productivity, Clinic Productivity, Provider Performance and DoD RADs



Review OCE/NCCI Chapter

| 3M HDM Data Entry - [Edit Record -- 343841 UpdProv, Complete [OP 3438410 19/06/2006 00:00]] | | |
|---|---------------------|--|
| Main Record Print Window View Help | | |
| Recall Delete Restore Save Abort Submit | | |
| Prov Inj Data Prov Preg Data CCE Coding Info Dx Extenders CCE Med Necity CCE NCCI/OCE CCE RBRVS Info CCE APG Info Injury Data Pregnancy Data Enc | | |
| Occ | Prompt | Data Entry |
| | Patient Data | UpdProv, Complete 30/343-84-1123 Female 35Y 19Jun2006 00:00 OHI |
| | | Press ENTER to continue |
| | OCE Claim Edit: | |
| 1 | ICD9 DIAGNOSES | |
| | Final Diagnosis | 49300 Extrinsic asthma, unspecified |
| | OCE Dx Line Edit: | |
| 2 | ICD9 DIAGNOSES | |
| | Final Diagnosis | 5168 Alveolar and parietoalveolar pneumonopathy |
| | OCE Dx Line Edit: | |
| 3 | ICD9 DIAGNOSES | |
| | Final Diagnosis | V090 Infection with microorganisms resistant to penicillins |
| | OCE Dx Line Edit: | |
| 4 | ICD9 DIAGNOSES | |
| | Final Diagnosis | V705 Health examination of defined subpopulations |
| | OCE Dx Line Edit: | |
| 1 | CPT PROCEDURE INFO | |
| | CPT/HCPCS Procedure | 99205 Office/outpatient eval & mgmt of new patient requiring 3 components: comprehensive history & examination, |
| | OCE Edit | |
| | NCCI Edit | |
| | Invalid Modifier | |

- Were there OCE or CCI edits on the encounter?
- Did the coder resolve all edits?
- If not, is there documentation in the Record Management Chapter?



Documentation

- 6a Is the documentation of the encounter selected to be audited available?
 - CCE captures encounter level detail when documentation issues are identified*

| DMIS ID | MEPRS | Encounter Date | Enc Status Reason | Total Encounters | % of Ttl | Billables |
|---------|-------|----------------|-------------------|------------------|----------|-----------|
| 0038 | | | | 17 | 89.47 | 18 |
| | BBA5 | 10 Dec 2004 | | 1 | 5.26 | 0 |
| | | | | 1 | 5.26 | 0 |
| | BIAA | 16 Jan 2004 | | 16 | 84.21 | 18 |
| | | | | 1 | 5.26 | 1 |
| | | | | 1 | 5.26 | 1 |
| | | | | | 25 | 1 |
| | | | | | 25 | 1 |

| DMIS ID | MEPRS | Clinic Loc | Appt Provider | Appt Prov Specialty | Appt Provider Role | Enc Status Reasons | Total | % of Total | Prov RVU Wt | Potential Loss RVU \$ | Prov APG Wt | Potential Loss APG \$ |
|---------|-------|-------------|------------------|---------------------|--------------------|--------------------|-------|------------|-------------|-----------------------|-------------|-----------------------|
| 0038 | BBA5 | 903 GENERAL | LOETTE, WESLEY Z | GENERAL SURGEON | | | 30 | 83.33 | 22.81 | 680.54 | 33.00 | 4,264.83 |
| | | | | | | | 1 | 4.17 | 2.01 | 67.45 | 0.34 | 1,075.41 |
| | | | | | | | 1 | 4.17 | 2.01 | 67.45 | 0.34 | 1,075.41 |
| | | | | | | | 1 | 4.17 | 2.01 | 67.45 | 0.34 | 1,075.41 |
| | | | | | | | 1 | 4.17 | 2.01 | 67.45 | 0.34 | 1,075.41 |
| | | | | | | | 1 | 4.17 | 2.01 | 67.45 | 0.34 | 1,075.41 |
| | | | | | | | 1 | 4.17 | 0.53 | 10.70 | 2.02 | 370.51 |
| | | | | | | | 1 | 4.17 | 0.53 | 10.70 | 2.02 | 370.51 |
| | | | | | | | 1 | 4.17 | 0.53 | 10.70 | 2.02 | 370.51 |
| | | | | | | | 1 | 4.17 | 0.53 | 10.70 | 2.02 | 370.51 |
| | | | | | | | 1 | 4.17 | 0.53 | 10.70 | 2.02 | 370.51 |
| | | | | | | | 1 | 4.17 | 0.53 | 10.70 | 2.02 | 370.51 |

| DMIS ID | MEPRS | EMPSpon SSN | Patient SSN | Clinic Loc | Appt Provider | Appt Prov Specialty | Billing Flag | Encounter Date | Coding Status | Coder | Enc Status Reason | Review Date |
|---------|-------|---------------|-------------|------------------|-----------------|---------------------|--------------|----------------|---------------|-------|-------------------|-------------|
| 0038 | BIAA | 20832-62-6780 | 832724780 | EMERGENCY ROOM | WILSON, ASHELEY | EMERGENCY MEDICIN | OHI | 00 Jan 2002 | Review Hold | GA724 | -- | -- |
| 0038 | BIAA | 20805-40-1080 | 060370380 | EMERGENCY ROOM | WILSON, ASHELEY | EMERGENCY MEDICIN | DD7A | 00 Jan 2002 | Review Hold | GA724 | -- | -- |
| 0038 | BIAA | 02030-91-3328 | 781570345 | FAST TRACK CLINI | KANNOR, RENE | PHYSICIAN ASSISTAN | DD7A | 30 Mar 2002 | Review Hold | HC394 | -- | -- |
| 0038 | BIAA | 30860-31-0045 | 91018804 | FAST TRACK CLINI | KANNOR, RENE | PHYSICIAN ASSISTAN | OHI | 27 May 2002 | Review Hold | GA724 | -- | -- |
| 0038 | BIAA | 30808-44-6915 | 129610300 | EMERGENCY ROOM | FELSON, DEVON | EMERGENCY PHYSIC | OHI | 18 Jul 2003 | Review Hold | HC394 | -- | -- |



MEPRS Analysis

- MEPRS Analysis (3M) – high level analysis

MEPRS Analysis

| DMIS ID | MEPRS | Clinic Loc | Total Encounters | % of Total | RVU Wt | Potential \$ RVU Reimb | RVU Case Mix | APG Wt | Potential \$ APG Reimb | APG Case Mix |
|---------|-------|---------------------|------------------|------------|---------|------------------------|--------------|---------|------------------------|--------------|
| -- | -- | | 16 | 47.06 | 18.0800 | 684.60 | 1.1300 | 33.7173 | 4,349.52 | 2.1073 |
| | | | 16 | 47.06 | 18.0800 | 684.60 | 1.1300 | 33.7173 | 4,349.52 | 2.1073 |
| | | | 16 | 47.06 | 18.0800 | 684.60 | 1.1300 | 33.7173 | 4,349.52 | 2.1073 |
| 0014 | AFAA | NATTC QA | 1 | 2.94 | 10.7800 | 408.54 | 10.7800 | 0.0000 | 0.00 | 0.0000 |
| | | | 1 | 2.94 | 10.7800 | 408.54 | 10.7800 | 0.0000 | 0.00 | 0.0000 |
| | | | 1 | 2.94 | 10.7800 | 408.54 | 10.7800 | 0.0000 | 0.00 | 0.0000 |
| 0038 | BIAA | EMERGENCY ROOM NA | 16 | 47.06 | 54.1500 | 2,018.60 | 3.3844 | 68.6901 | 8,861.00 | 4.2931 |
| | | | 7 | 20.59 | 9.8700 | 370.21 | 1.4100 | 9.1531 | 1,180.75 | 1.3076 |
| | | | 7 | 20.59 | 9.8700 | 370.21 | 1.4100 | 9.1531 | 1,180.75 | 1.3076 |
| | BDA A | PEDIATRICS CLINIC | 4 | 11.76 | 24.5800 | 912.84 | 6.1450 | 44.3493 | 5,721.05 | 11.0873 |
| | | | 4 | 11.76 | 24.5800 | 912.84 | 6.1450 | 44.3493 | 5,721.05 | 11.0873 |
| | BCC5 | SDS OB | 3 | 8.82 | 17.9000 | 668.34 | 5.9667 | 9.1361 | 1,178.55 | 3.0454 |
| | | | 3 | 8.82 | 17.9000 | 668.34 | 5.9667 | 9.1361 | 1,178.55 | 3.0454 |
| | BBFA | OTORHINOLARYNGOL | 1 | 2.94 | 1.8000 | 67.21 | 1.8000 | 3.9780 | 513.16 | 3.9780 |
| | | | 1 | 2.94 | 1.8000 | 67.21 | 1.8000 | 3.9780 | 513.16 | 3.9780 |
| | FBIA | IMMUNIZATION CLINIC | 1 | 2.94 | 0.0000 | 0.00 | 0.0000 | 2.0736 | 267.49 | 2.0736 |
| | | | 1 | 2.94 | 0.0000 | 0.00 | 0.0000 | 2.0736 | 267.49 | 2.0736 |

Utilize to review and compare results between MEPRS

- Ambulatory Patients Listing (3M) – patient level drill down

Ambulatory Patients Listing

| FMP/Spon SSN | MEPRS | DMIS ID | Pat Cat | Patient Name | Encounter Date | Age | Sex | Patient Group | Reason for Visit |
|----------------|-------|---------|---------|----------------------|----------------|-----|-----|---------------|---|
| 04/816-33-6303 | BEA5 | 0038 | N41 | UYBABTest189330, Ima | 31 Mar 2004 | 11 | M | APV | 72743 GANGLION, UNSPECIFIED |
| 31/401-22-6703 | BEA5 | 0038 | A43 | UOABTest344462, Ima | 23 Feb 2004 | 61 | F | APV | 3540 CARPAL TUNNEL SYNDROME |
| 20/751-54-7403 | BEA5 | 0038 | N11 | UHRABTest228209, Ima | 17 Jan 2002 | 36 | M | APV | 7295 RESIDUAL FOREIGN BODY IN SOFT TISSUE |
| 20/882-18-7703 | BEA5 | 0038 | N11 | ULABTest254551, Ima | 22 Mar 2004 | 37 | M | APV | 7262 AFFECTIONS OF SHOULDER REGION, NOT ELSEWHERE CLASSIFIED |
| 30/106-98-8803 | BCC5 | 0038 | N41 | UOBTest1314, Ima | 12 Apr 2004 | 31 | F | APV | 65573 DECREASED FETAL MOVEMENTS, AFFECTING MANAGEMENT OF MOTHER, ANTEPARTUM |

Prompt by MEPRS



Provider Analysis

- RVU/APG – provider and clinic productivity trends
- Identify audit focus opportunities
 - *Appointment Provider Analysis by Month (3M)*

| Appointment Provider Analysis by Month | | | | | | | | | | | | | |
|--|---------------------|--------------------|------|--------------------|---------------------|------------|----------------|--------------|----------------------------|------------------|----------------|------------------------------|--------|
| Appt Provider | Appt Prov Specialty | Appt Provider Role | Year | Month | Total Encounters | % of Total | Avg APG Wt/Enc | Total APG Wt | Potential APG \$ Reimb/Enc | Aug RBRVS Wt/Enc | Total RBRVS Wt | Potential RBRVS \$ Reimb/Enc | |
| BILSON, FRANCIS 19265 | GENERAL SURGEON | --- | 2002 | | 61 | 62.24 | 10.57 | 644.86 | 1,363.73 | 7.88 | 480.84 | 289.53 | |
| | | | | January | 61 | 62.24 | 10.57 | 644.86 | 1,363.73 | 7.88 | 480.84 | 289.53 | |
| | | | | February | 3 | 3.06 | 13.00 | 39.01 | 1,677.27 | 0.00 | 0.00 | 0.00 | |
| | | | | June | 1 | 1.02 | 4.91 | 4.91 | 633.68 | 0.00 | 0.00 | 0.00 | |
| | | | | July | 1 | 1.02 | 19.18 | 19.18 | 2,474.34 | 0.00 | 0.00 | 0.00 | |
| | | | | 2004 | January | 1 | 1.02 | 14.91 | 14.91 | 1,923.78 | 0.00 | 0.00 | 0.00 |
| | | | | | February | 58 | 59.16 | 10.45 | 605.06 | 1,347.51 | 6.29 | 480.84 | 304.51 |
| | | | | | March | 1 | 1.02 | 6.84 | 6.84 | 882.40 | 9.73 | 9.73 | 363.29 |
| | | | | | April | 13 | 13.27 | 11.44 | 148.74 | 1,475.87 | 8.17 | 106.19 | 288.23 |
| | | | | | May | 11 | 11.22 | 10.41 | 114.54 | 1,343.28 | 10.00 | 109.99 | 360.70 |
| | | | | | June | 2 | 2.04 | 16.35 | 32.69 | 2,108.54 | 11.16 | 22.31 | 416.50 |
| | | | | | July | 2 | 2.04 | 12.67 | 25.35 | 1,634.76 | 8.84 | 17.68 | 330.07 |
| | | | | | August | 11 | 11.22 | 10.07 | 110.81 | 1,299.47 | 7.88 | 88.84 | 294.08 |
| | | | | | September | 10 | 10.20 | 8.81 | 88.06 | 1,110.06 | 6.81 | 68.06 | 254.18 |
| | | | | GINGER, RENE 19435 | PHYSICIAN ASSISTANT | --- | 2001 | January | 1 | 1.02 | 1.19 | 1.19 | 153.94 |
| February | 1 | 1.02 | 1.19 | | | | | 1.19 | 153.94 | 0.00 | 0.00 | 0.00 | |
| March | 1 | 1.02 | 1.19 | | | | | 1.19 | 153.94 | 0.00 | 0.00 | 0.00 | |
| April | 1 | 1.02 | 1.19 | | | | | 1.19 | 153.94 | 0.00 | 0.00 | 0.00 | |
| May | 1 | 1.02 | 1.19 | | | | | 1.19 | 153.94 | 0.00 | 0.00 | 0.00 | |
| GINGER, RENE 19460 | | | | 56 | 36.73 | 9.62 | 348.28 | 1,240.88 | 7.30 | 262.67 | 267.59 | | |

Review volume and potential revenue variation over time



Provider Analysis

- RVU/APG – provider and clinic productivity trends
- Identify audit focus opportunities
 - *MEPRS with Appointment Provider Analysis (3M)*

Utilize to review and compare providers within and between clinics

| DMIS ID | MEPRS | Appt Provider | Appt Prov Specialty | Appt Provider Role | Total Encounters | % of Total | Avg APG Wt/Enc | Total APG Wt | Potential APG \$ Reimb/Enc | Avg RBRVS Wt/Enc | Total RBRVS Wt | Potential RBRVS \$ Reimb/Enc |
|---------|-------|-----------------|---------------------|----------------------|------------------|------------|----------------|--------------|----------------------------|------------------|----------------|------------------------------|
| 008 | BBAG | DESOUZAS, BEATA | DIETICIAN-NUTR | Operating Provider A | 1 | 0.12 | 3.32 | 3.32 | 427.64 | 3.85 | 3.85 | 158.31 |
| | | | | | 1 | 0.12 | 3.32 | 3.32 | 427.64 | 3.85 | 3.85 | 158.31 |
| | | | | | 1 | 0.12 | 3.32 | 3.32 | 427.64 | 3.85 | 3.85 | 158.31 |
| | | | | | 1 | 0.12 | 3.32 | 3.32 | 427.64 | 3.85 | 3.85 | 158.31 |
| | | | | | 1 | 0.12 | 3.32 | 3.32 | 427.64 | 3.85 | 3.85 | 158.31 |
| 008 | BBAG | BILSON, FRANCIS | GENERAL SURGE | Operating Provider A | 842 | 89.76 | 2.76 | 2,323.82 | 358.04 | 1.87 | 1,675.63 | 58.76 |
| | | | | | 97 | 11.48 | 10.22 | 981.16 | 1,218.14 | 7.87 | 740.51 | 261.38 |
| | | | | | 01 | 7.23 | 10.57 | 644.88 | 1,263.73 | 7.88 | 480.84 | 289.53 |
| | | | | | 81 | 7.23 | 10.57 | 644.88 | 1,263.73 | 7.88 | 480.84 | 289.53 |
| | | | | | 81 | 7.23 | 10.57 | 644.88 | 1,263.73 | 7.88 | 480.84 | 289.53 |

| Patient Group | DMIS ID | MEPRS | FMP-Spen-SSN | Patient Name | Pat Cat | Encounter Date | Appt Provider | Appt Prov Specialty | Appt Provider Role | Primary Dx | Primary CPT Code | POTENTIAL RBRVS \$ Reimb/Enc | RBRVS Enc Wt |
|---------------|---------|-------|---------------|------------------|---------|----------------|---------------|---------------------|--------------------|-------------------------------|--------------------------------|------------------------------|--------------|
| 088 | -- | -- | 20081-05-8825 | UURP, 111 Falc | -- | 02 Apr 2005 | -- | -- | -- | 490 Bronchitis NOS | 94780 Measure Blood Oxygen Le | 0.00 | 0.0000 |
| 085 | -- | -- | 35143475-8798 | UURP, 37 Phleb | -- | 05 Mar 2005 | -- | -- | -- | V504 Elective surgery NOS | 11312 Shave Skin Lesion | 48.48 | 1.2000 |
| 088 | -- | -- | 42158-06-5480 | UURP, 20 Pt Gen | -- | 05 Mar 2005 | -- | -- | -- | V7047 Invalid Code | 60101 Invalid Code | 17.05 | 0.4500 |
| 085 | -- | -- | 88193-07-8794 | UURP, 112 Na Di | -- | 05 Mar 2005 | -- | -- | -- | 0380 Streptococcal septicemia | 00470 Ansa Part Rib Placed Rea | 0.00 | 0.0000 |
| 088 | -- | -- | 3512479-8888 | UURP, 27 and 28 | -- | 05 Mar 2005 | -- | -- | -- | 68111 Orythia of toe | 11785 Excise Nail Fold, Toe | 26.16 | 0.6900 |
| 085 | -- | -- | 87485-25-5995 | UURP, 2 dnt 1 15 | -- | 05 Mar 2005 | -- | -- | -- | 33351 Blepharoptosis | 64812 Chemodermis Fac Nrv Wld | 74.28 | 1.9500 |
| 085 | -- | -- | 8201455-8874 | UURP, 28 AGN Int | -- | 05 Mar 2005 | -- | -- | -- | 488 Pneumonia, organism NOS | 95025 Bld Cst Cmpl Auto W Dir | 0.00 | 0.0000 |



Appointment Provider Analysis

- Prompted by Provider
 - Providers may be selected by entering the Provider ID from the Provider table in CCE
- Report may also be run by MEPRS or Month
- Report assigned to Coder Productivity, Provider Performance, MTF/Executive Command, Data Quality, UBO, and DoD RADs



Questions

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