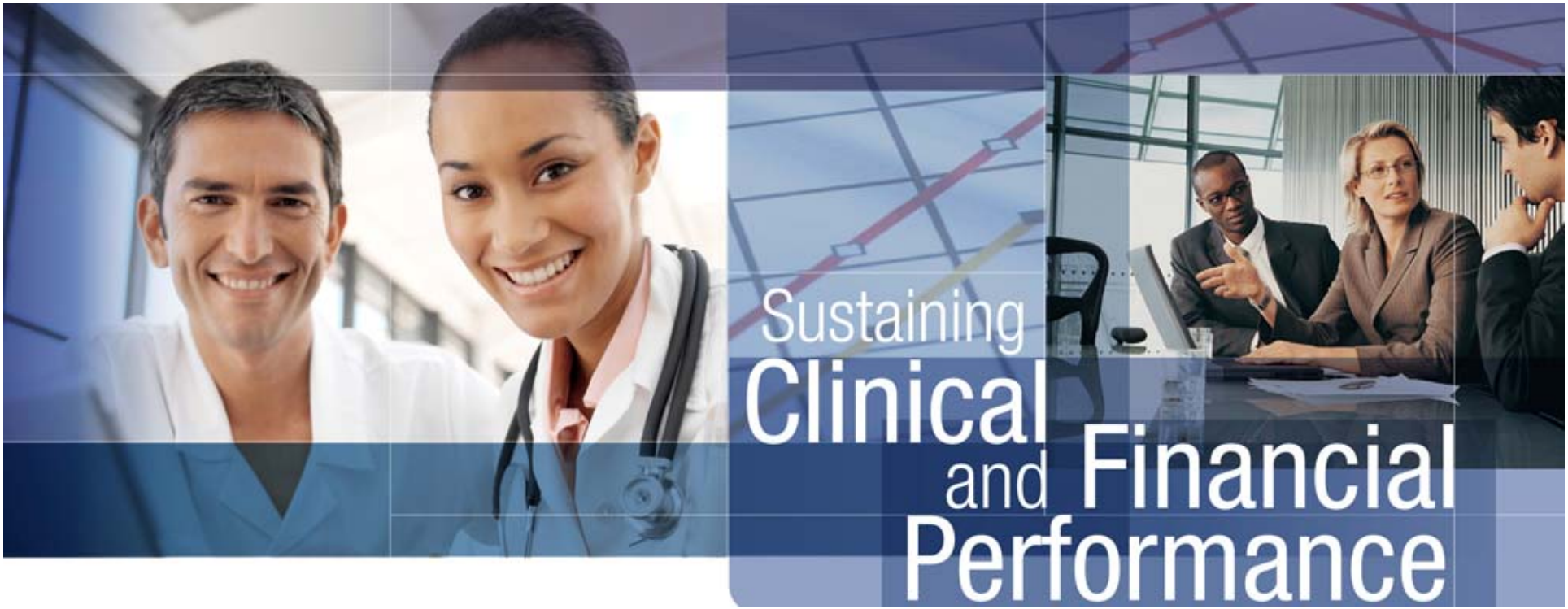
3M Health Information Systems

Coding Compliance Editor - Monitoring Data Quality
Data Quality Seminar
22 May 2012



Defense Health Services Systems
DHSS

Agenda

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

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What is CCE?

- MHS Coding Compliance Editor
- 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

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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

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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

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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

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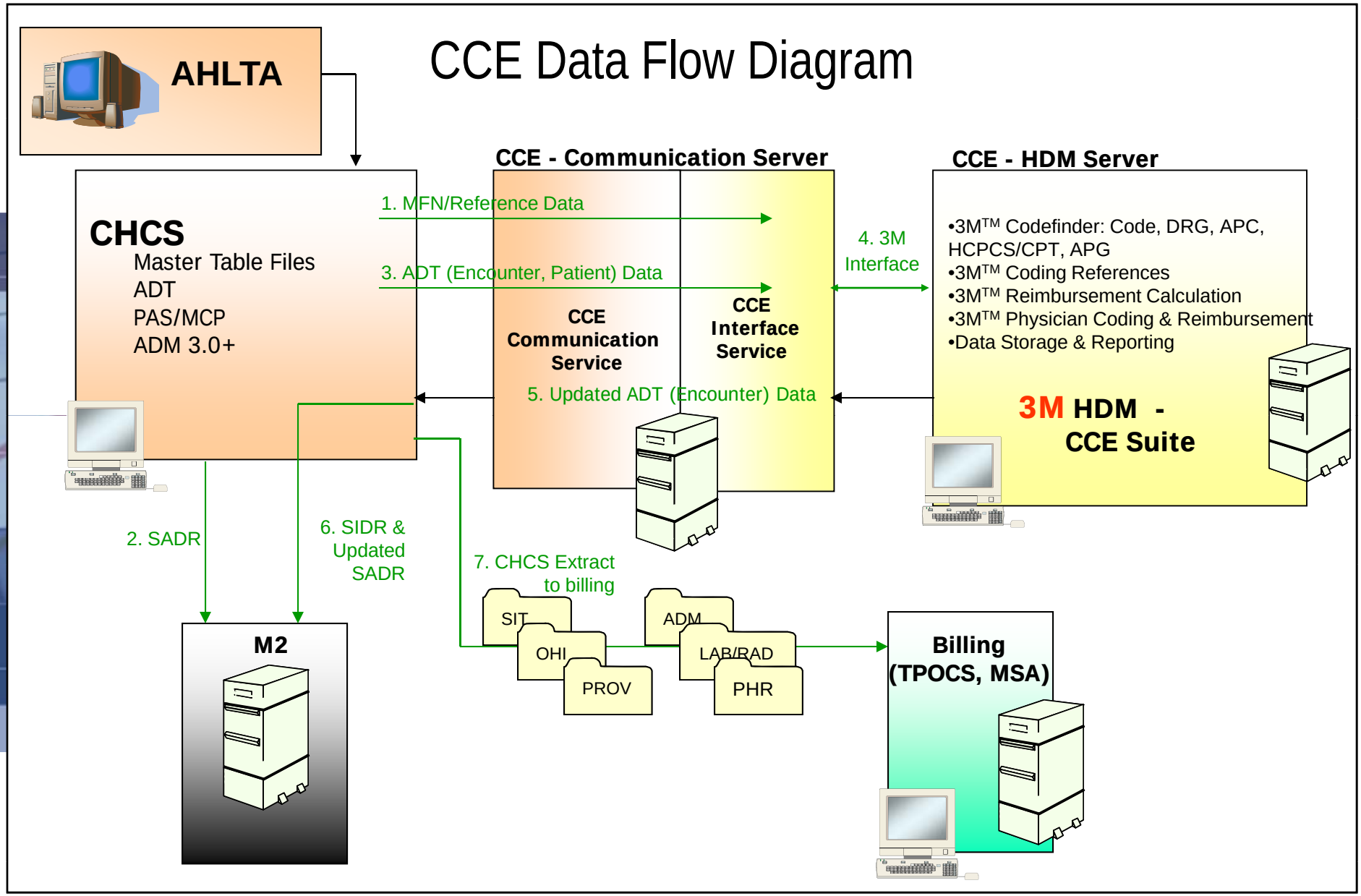
CCE Data Flow Diagram



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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*

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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*

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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 C**5	Ambulatory Patient Visits Dental Surgery
OP	B F D	Outpatient visits, Immunizations, hearing Ancillary visits
OBS	B**O	Observation

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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

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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*

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Outpatient Coding

HDM Data Entry - [Edit Record -- 343841 UpdProv, Complete [OP 3438410 19/06/20

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 A

Occ	Prompt	Data Entry
	Patient Data	UpdProv, Compl
	Create Date	21/09/2006
		Press ENTER to
	FINAL PROV CC INFO	
	Prov Chief Complaint	49300
		EXTRINSIC AS
	Prov CC Dx Extender	493001 Mild
1	FINAL PROV ICD9 DX	
	Prov Diagnosis	49300
		EXTRINSIC AS
	Diagnosis Extender	493001 Mild
	Diagnosis Priority	1
2	FINAL PROV ICD9 DX	
	Prov Diagnosis	V090
		INFECTION WI
	Diagnosis Extender	
	Diagnosis Priority	2
1	FINAL PROV CPT INFO	
	Prov CPT/HCPCS Proc	99205
		Office/outpat Vi
	Select Provider Link	Secondary Prov
1	Procedure Provider	JAMES BRIGHT
2		HIELSUN, REE
3		JIALSON, CHAN
	CPT Modifier	-26
	CPT Modifier Text	26 Professional
	CPT Units of Service	1
1	Linked Diagnosis	49300

HDM Data Entry - [Edit Record -- 343841 UpdProv, Complete

Main Record Print Window View Help

Re-call Delete Restore Save Abo

Patient Info | Encntr Data | Prov Codes | Prov Med Necity | Prov NCCI/OCE

Occ	Prompt	Data Entry
	INITIAL PROV DATA:	
	INITIAL PROV CC INFO	
	Prov Chief Complaint	49300
		EXTRINSIC ASTHMA, UNSPECIFIED
	Prov CC Dx Extender	493004 Severe
1	INITIAL PROV ICD9 DX	
	Prov Diagnosis	49300
		EXTRINSIC ASTHMA, UNSPECIFIED
	Diagnosis Extender	493004 Severe
	Diagnosis Priority	1
2	INITIAL PROV ICD9 DX	
	Prov Diagnosis	5168
		ALVEOLAR AND PARIETOALVEOLA
	Diagnosis Extender	
	Diagnosis Priority	2
3	INITIAL PROV ICD9 DX	
	Prov Diagnosis	V090
		INFECTION WITH MICROORGANISM
	Diagnosis Extender	
	Diagnosis Priority	3
1	INIT PROV CPT INFO	
	Prov CPT/HCPCS Proc	99205
		Office/outpat Visit, New
	Select Provider Link	Secondary Provider 1,Appointment Pro
1	Procedure Provider	JAMES BRIGHT,
2		HIELSUN, REED
3		JIALSON, CHANDLER
	CPT Modifier	-56
	CPT Modifier Text	56 Preoperative Management
	CPT Units of Service	1

Re-call Delete Restore Save

Patient Info | Encntr Data | Prov Codes | Prov Med Necity |

Occ	Prompt	Data Entry
	Patient Data	UpdProv, Complete 30
	Begin Coding Session	Press RE-CALL to retu
		*
		*
		*
	CHIEF COMPLAINT INFO	
	Chief Complaint	49300
		EXTRINSIC ASTHMA
1	ICD9 DIAGNOSES	
	Final Diagnosis	49300
		EXTRINSIC ASTHMA
	Diagnosis Priority	1
2	ICD9 DIAGNOSES	
	Final Diagnosis	5168
		ALVEOLAR AND PAR
	Diagnosis Priority	2
3	ICD9 DIAGNOSES	
	Final Diagnosis	V090
		INFECTION WITH MI
	Diagnosis Priority	3
4	ICD9 DIAGNOSES	
	Final Diagnosis	V705
		HEALTH EXAMINATI
	Diagnosis Priority	4
	CPT Link Instruct	Accept/Restore defau
	CPTLINKINFO	
	Appointment Provider	HIELSUN, REED
	Secondary Provider 1	JAMES BRIGHT,
	Secondary Provider 2	JIALSON, CHANDLER

This field will trigger a PCS/RBRVS Codefinder session.

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

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Coding Edits

Edit results stored in CCE
- Medical Necessity
- NCCI
- OCE

Link to MN policies

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

Main Record Print Window View Help

Re-call Delete Restore Save Abort Submit

Patient Info | Encntr 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 & mgm
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 rstn pncllins
1	MN/LMRP INFORMATION	
	MN/LMRP Edit	Passed - No LMRP for this P
	MN/LMRP Edit Policy	

HDM Data Entry - [Edit Record -

Main Record Print Window View Help

Re-call 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

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CCE RBRVS Information

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

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	

Press ENTER to continue.

Detailed information about provider coding in database

- Coding edits
- RVUs
- Weight
- Estimated reimbursement

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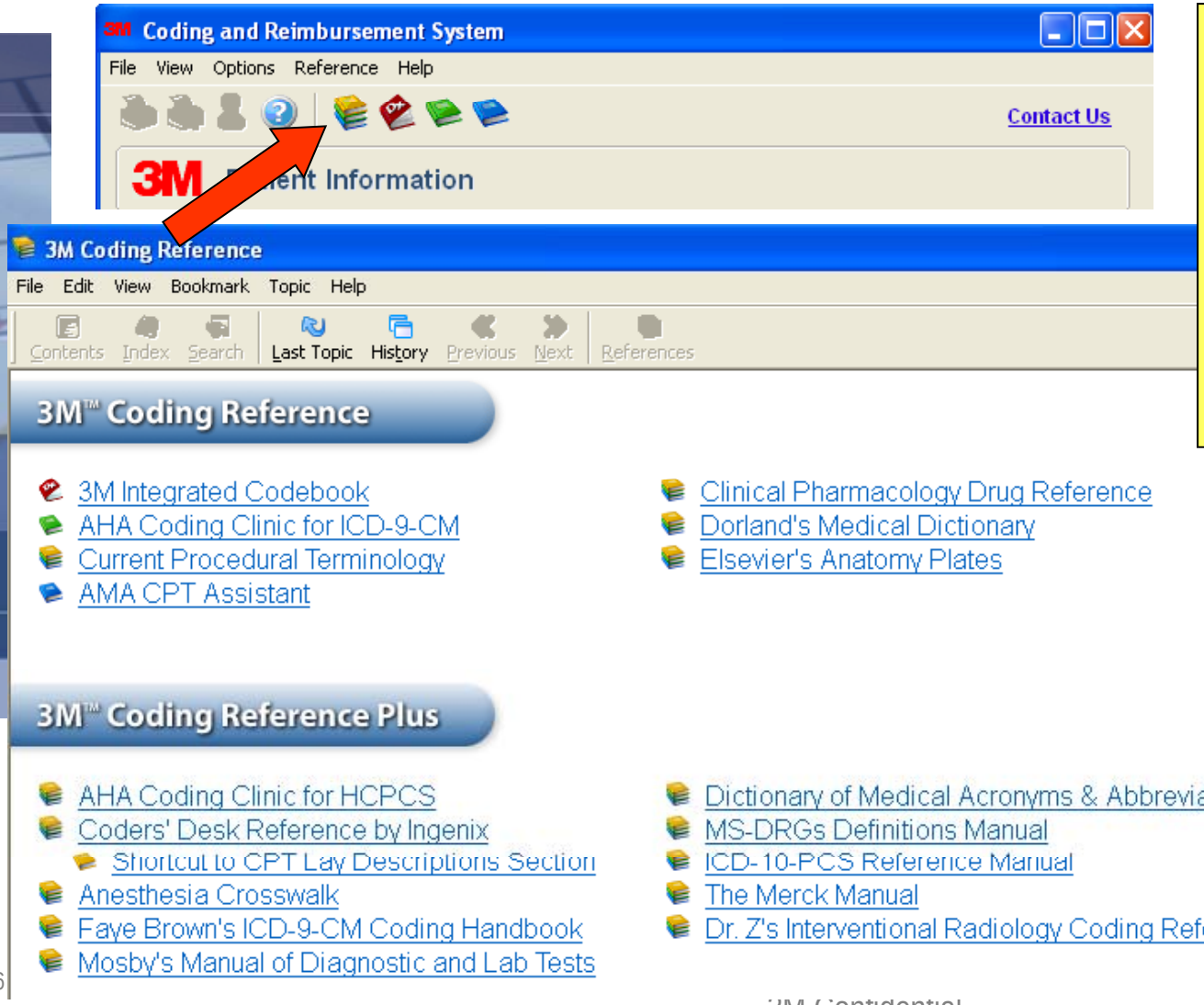
Coding Reference Software



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

References available to all users

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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*

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Inpatient Coding

Coding and Reimbursement System - 1232542 Tricare, Test Eight 123232

File View Options Reference Help

Contact Us

3M Patient Code Summary

Home, Self Care (1)
Male, 48

Add Admit Dx
Add Diagnosis
Add Procedure

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 significar reimbursement
for this DRG.

004 DISEASES & DISORDERS OF THE RESPIRAT 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 I (juvenile type), not stated as uncontrolled
Codebook

Principal Procedure

9396

Patient Info | IP Encntr 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:	

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

DRG information stored in HRM

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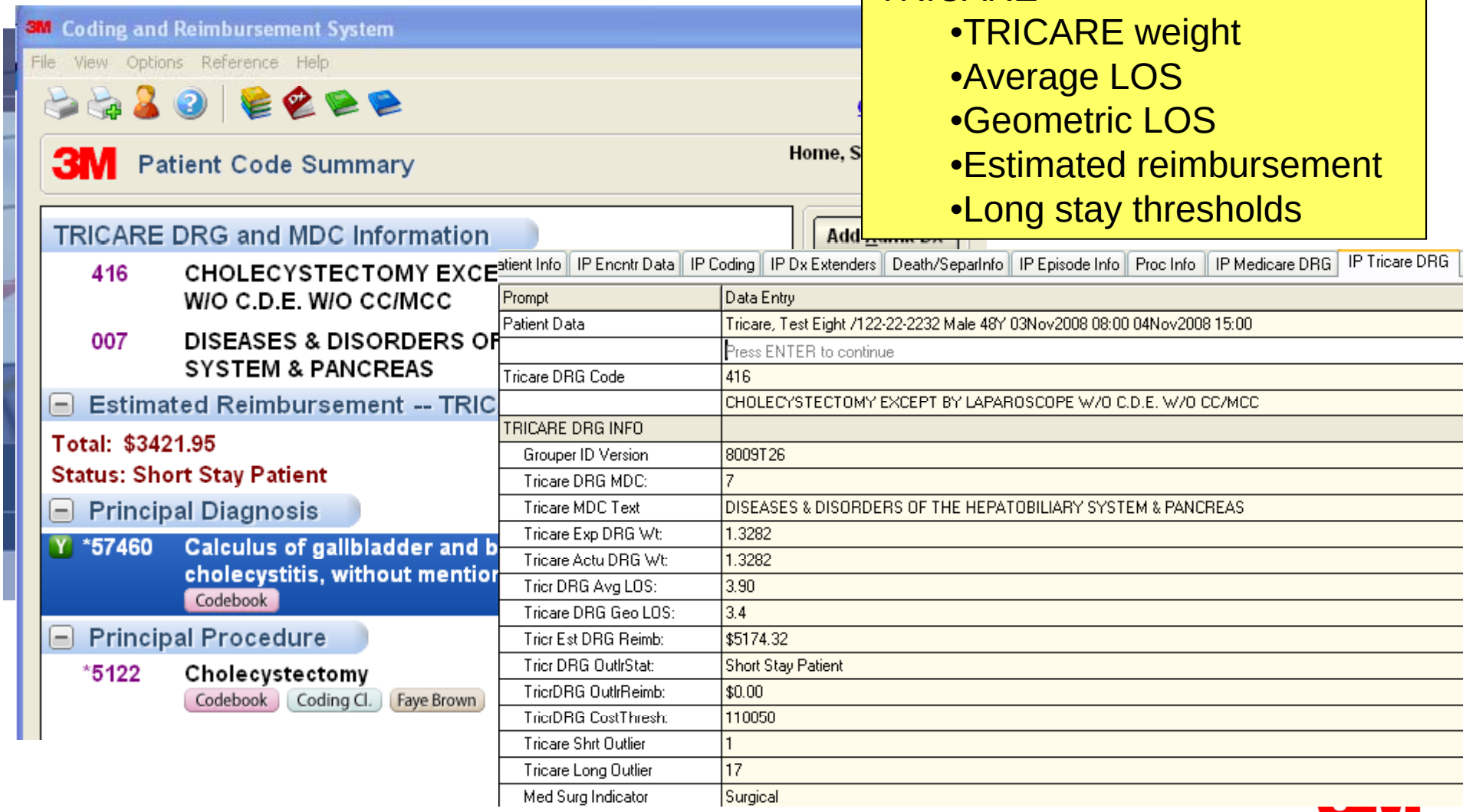
TRICARE Grouper

Incorporates DRG grouping and reimbursement logic specific to TRICARE

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



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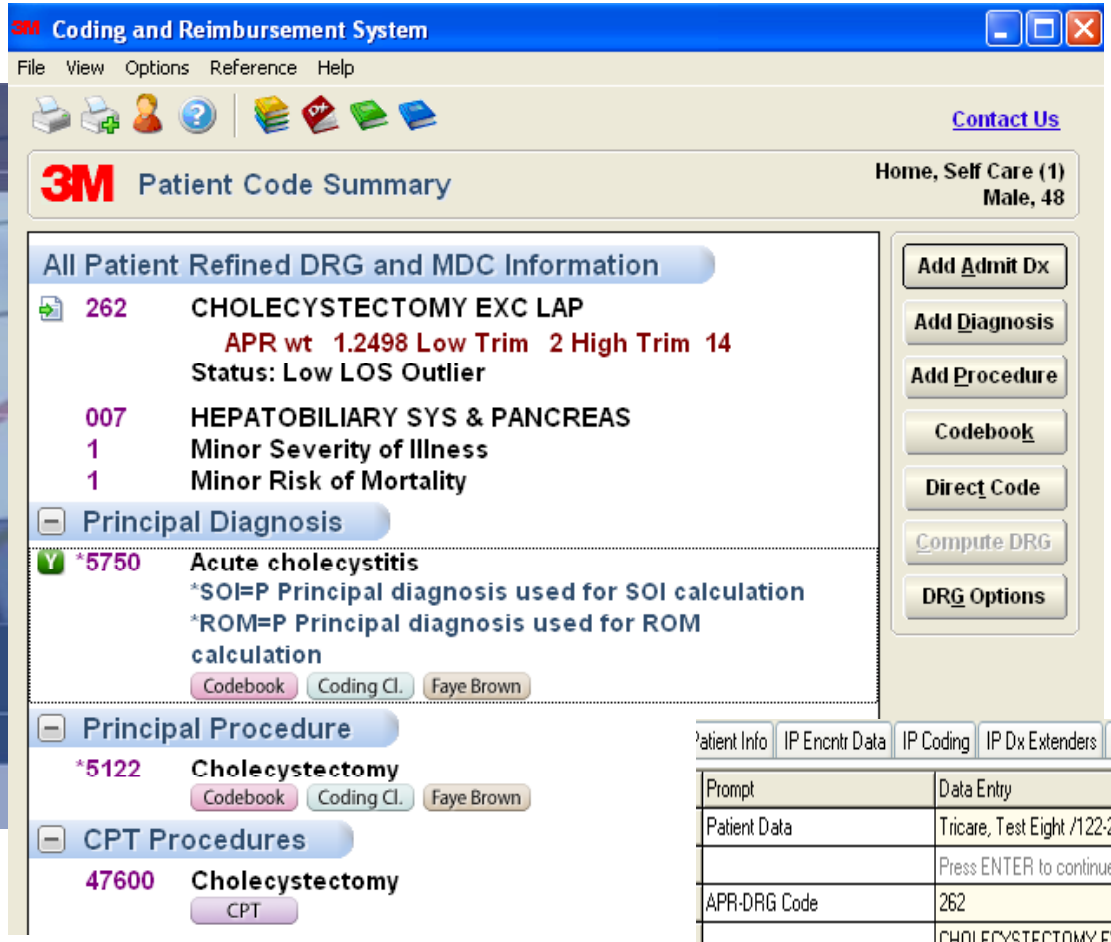
All Patient Refined DRG (APR-DRG)

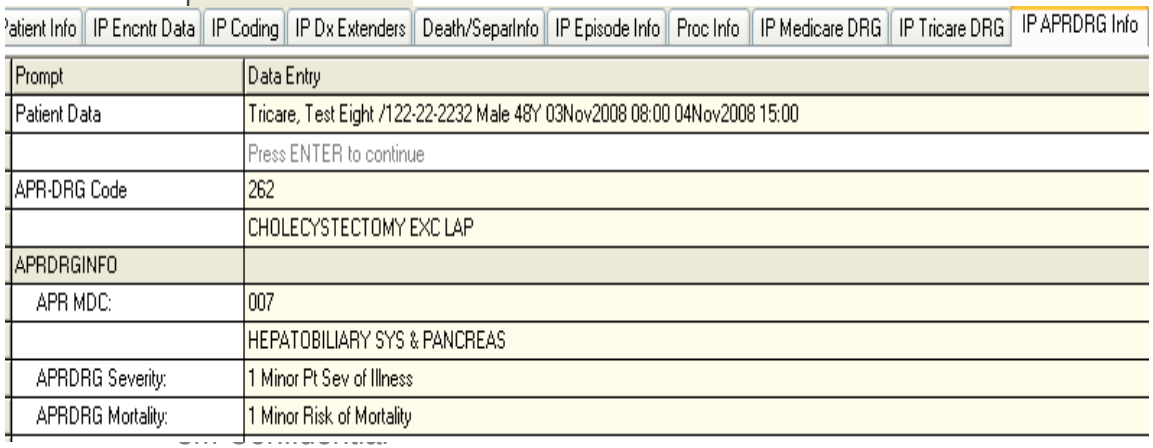


APR-DRGs are used for:

- 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



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

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

Clinical Analyzer

Analysis of patient information to generate the most accurate DRG assignment

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

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 SYSTEM

Estimated Reimbursement -- Medicare In

Total: $2599.40

Status: Not an Outlier

Principal Diagnosis

*78659 Chest pain

Codebook Coding Cl.

Coding and Reimbursement System - 1232542 Tricare, Test Eight 123232

Contact Us

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 myocardical 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

Continue
Back
Add Diagnosis
Add Procedure
Codebook
Direct Code
Cancel
History

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

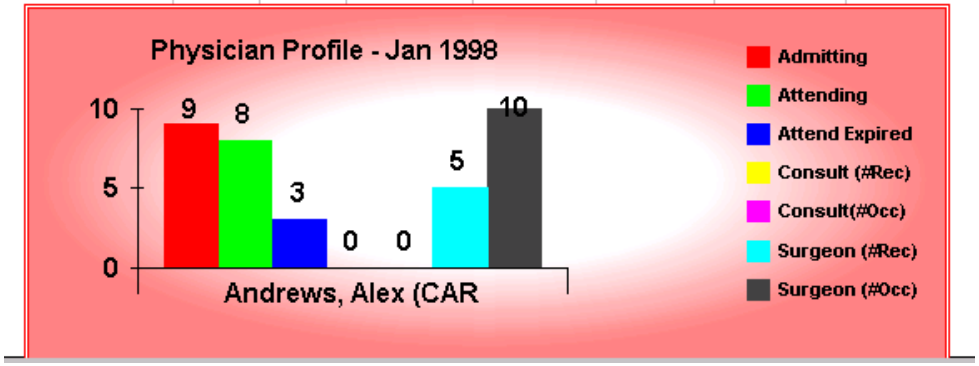
Provides data output that helps facilities track use of application and results

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)
Andrews, 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

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Standard Listing Reports

Current Listings

File Report Columns

New Edit Delete View Traits Build Quick Build Print List

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

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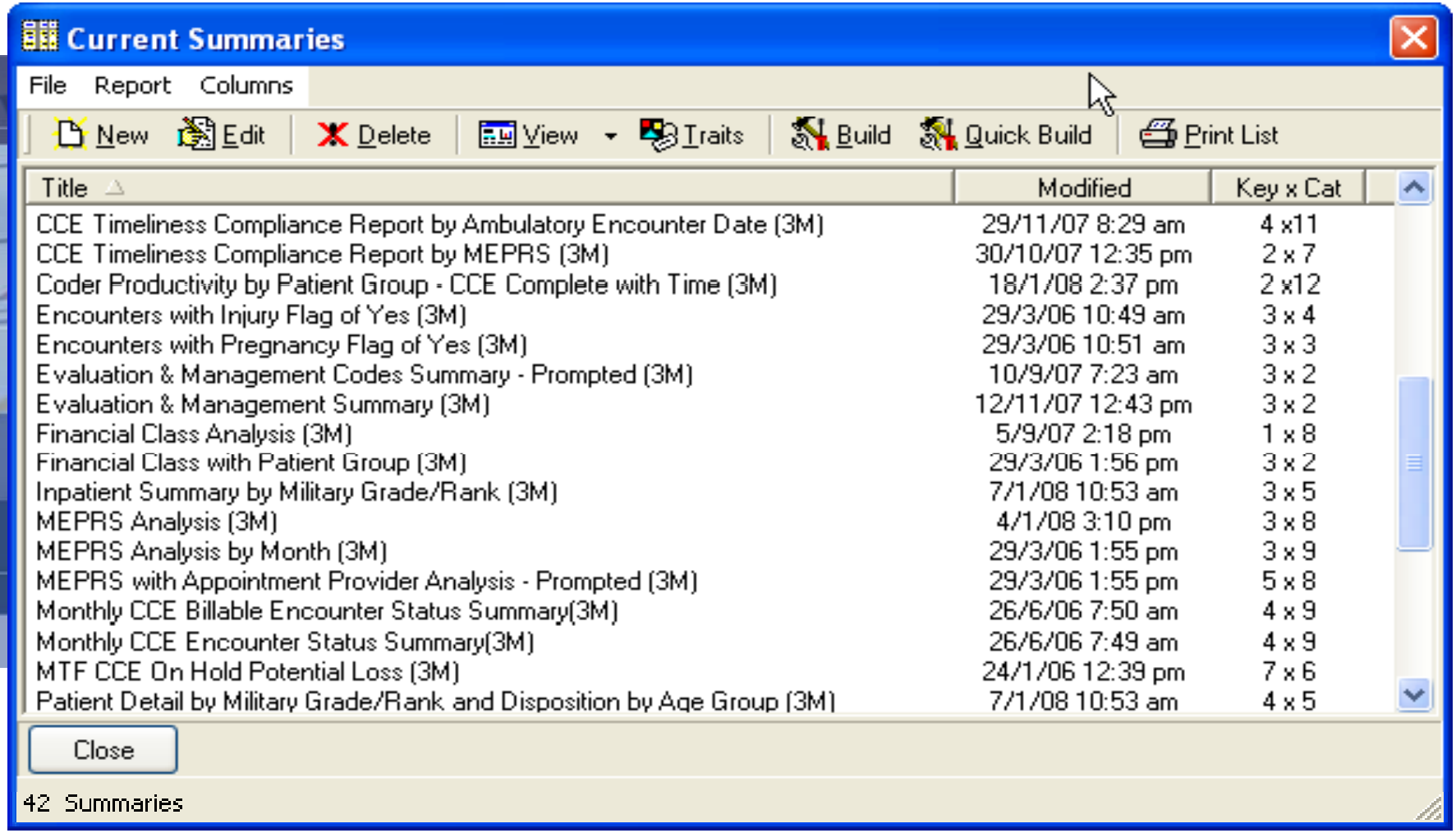
Standard Summary Reports



Title	Modified	Key x Cat
CCE Timeliness Compliance Report by Ambulatory Encounter Date (3M)	29/11/07 8:29 am	4 x11
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 x12
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

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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*

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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

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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?

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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	79	17	19	10	54	1,478
		11	1,255	6	157	51	15	14	1,498
		12	954	40	101	38	13	11	1,157

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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	34	3	2	2	1,909
	BLAA	1,057	123	18	5	0	0	1,203
	FBNC	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

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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	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	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, Ima7	A14 U	HIELSUN, REED 17386
1755	FAK	OP	55	28 Jul 2006	TaxIII-OP, OP	A25	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	HIELSUN, REED 17386
1755	DXXO	OBS	52	31 Jul 2006	TaxIII-OP, OBSpart3	A25	HIELSUN, REED 17386
7421	DXXO	OBS	52	31 Jul 2006	TaxIII-OP, OBSpart2	A25	HIELSUN, REED 17386
1755	DXXO	OBS	20	12 Sep 2006	TaxIII-OP, No Taxonomy	A43	PENNIES, KELLY 13540
7400	DXXO	OBS	15	06 Sep 2006	MEPRS, RenIP	A41 U	JAMES BRIGHT, 50013

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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

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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?

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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		

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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
		--	[illegible]	[illegible]

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

Do audit results confirm this E&M curve?

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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	AAEA	02/016-37-0065	13 Jan 2006	A15	TFL	AABTest104988, Ima	GONGIR, ADDISON 9073	99411 Prev med cnsl grp spx 30 m
							VILSON, ADDISON 1406	
							AENGER, ADDISON 8479	
0014	AFAA	01/888-88-8888	04 Jan 2006	A11	TFL	Test, Patient 1	KILNSON, EVIN 10005	99215 Office outpt est 40 min
							HIELSUN, ELLERY 10006	
							AENGER, ADDISON 17907	99354 Prolng phys svc office o/p
							KILNSON, EVIN 10005	
--	--	20/223-55-0001	06 Jun 2005	--	UB	SMITH, MARY6	SELTZER, ELLERY 10019	99285 Emer dept high severity&th
0038	BIAA	20/810-62-8776	17 Jan 2005	N11	UB	JWTest22161, Ima	BILSON, SONNY 19090	99283 Emer dept moderate severit
							KILNSON, KELLY 381	
0038	BIAA	20/129-96-4110	17 Jan 2005	N11	UB	WABTest323098, Ima	BILSON, SONNY 19090	99283 Emer dept moderate severit
							KILNSON, EVIN 10005	
							GONGIR, ADDISON 9073	
0038	BIAA	30/240-60-0620	17 Jan 2005	M41	UB	JABTest333901, Ima	BILSON, SONNY 19090	99284 Emer dept hi severity&urge
0038	BIAA	30/051-70-6141	13 Jan 2005	N41	UB	UABTest342804, Ima	FELLSON, PAYTON 28683	99283 Emer dept moderate severit
0038	BIAA	20/217-34-4921	11 Jan 2005	K61	DD7A	UFABTest330298, Im	KILNSON, KELLY 381	99282 Emer dept low to moderate
0038	BIAA	20/217-34-4921	07 Jan 2005	K61	DD7A	UFABTest330298, Im	SELTZER, ADDISON 28732	99283 Emer dept moderate severit
0038	BIAA	20/217-34-4921	14 Dec 2004	K61	DD7A	UFABTest330298, Im	OLSUN, RENE 12805	99283 Emer dept moderate severit

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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 dehydrtion; 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

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

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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 dehydrtion; 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:

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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
CODE3		22	67
	115 Passed - No LMRP for this Px	19	39
	112 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 mutual exclsv px pr not allwd evn if mod prsnt	2	3
	519 Mutually exclsv cd prd w/HCPCS/CPT to trigger 419	2	2

Evaluate potential problem areas in coding through review of edits

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Coding Accuracy

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

Provider/Coder Coding Comparison

FMP/Sponsor SSN	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
													5968	52214
														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
														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

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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

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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

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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

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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 MI	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	FELLSON, 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 MI	52	F	N43	UB	BL90033	5589	0088	2765	--	--	36415	90784	99283	Q0081	J2550	--	--	--	--
0261	BHAW	03/689-95-1141	27 Feb 2004	HIELSUN, 23190	PHYSICIAN ASS	1	M	C41	DD7A	DXL495	0088	0088	--	--	--	99213	--	--	--	--	--	--	--	--

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Review Medical Necessity Chapter

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?

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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					1	2.94	0.00	0.00	0.00	10.78	10.78	408.54
	AFAA				1	2.94	0.00	0.00	0.00	10.78	10.78	408.54
		KILNSON, EVIN 100			1	2.94	0.00	0.00	0.00	10.78	10.78	408.54
			GENERAL MEDIC		1	2.94	0.00	0.00	0.00	10.78	10.78	408.54
				Nurse	1	2.94	0.00	0.00	0.00	10.78	10.78	408.54
0038					16	47.06	4.29	68.69	553.81	3.38	54.15	126.16
	BBFA				1	2.94	3.98	3.98	513.16	1.80	1.80	67.21
		BILSON, PERRY 33			1	2.94	3.98	3.98	513.16	1.80	1.80	67.21
			OTORHINOLARYN		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				3	8.82	3.05	9.14	392.85	5.97	17.90	222.78
		NELLIGER, RAPHA			1	2.94	1.83	1.83	235.81	14.76	14.76	551.10
			CERTIFIED NURS		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
		SANGER, KELLY 25			1	2.94	4.15	4.15	535.44	1.10	1.10	41.07
			OBSTETRICIAN &		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

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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 Me	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

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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	MN/LMRP Edit	Enc Status Reason	Patient SSN	Patient Name	Encounter Date
7407	AADA	A15	TFL	BILSON, NOEL 1	--	CODE3	--	043 Transfuse or Bleed exclng w/o specify bld p	--	115 Passed - No LMRP for this Px	--	018511485	AABTest104968, Ins	07 Mar 2008
0038	BEA5	N51	UB	OLSUN, RAPHAEL 21481	ORTHOPEDIC SUR	w0wbxzz	Complete (u) 6		--	113 Px has no Dxc restrictions in LMRP	--	428074470	AABTest172224, Ins	28 Jan 2004
										115 Passed - No LMRP for this Px				
										095 Need documentation				
										113 Px has no Dxc restrictions in LMRP				
										113 Px has no Dxc restrictions in LMRP				
										113 Px has no Dxc restrictions in LMRP				
										057 Policies are inconclusive for Med				
										115 Passed - No LMRP for this Px				
0038	BEA5	N43	UB	ELISIN, DEVON 23282	ORTHOPEDIC SUR	CODE3	--		--	115 Passed - No LMRP for this Px	--	525543582	XCABTest330977, In	10 Jan 2005
										115 Passed - No LMRP for this Px				
										115 Passed - No LMRP for this Px				
0038	BCC5	N41	UB	LOETTE, NOEL 2844	FAMILY PRACTICE	CODE3	--		440 Phys CC proc code per allowed if approp mod pres					

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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	FMP/Spon SSN	Encounter Date	Clinic Loc	Patient Name	Billing Flag	Appt Provider	Prov Specialty	Disposition	Ac/In/j Flag	Prov Chief Complaint	Prov CPT/HCPCS Px	
7400	A600	OBS	38/240-85-8123	30 Jun 2006	--	UpdProv,	UB	JIALSON, 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

ation

Linked Dx	Prov RBRVS Wt	Prov Potential RBRVS & Reimb	Coder Auditor Dx	Coder CPT/HCPCS Prov	Coder CPT Px Txt	Coder CPT Mod	Linked Dx	Coder RBRVS Wt	Coder Potential RBRVS & Reimb	RBRVS Total Weight	Ste Prov	Ses Prov Role	Coding Status	Rev Comp Dt	Coder
920	0.99	33.35	920 E8880	99202	OFFICE/OUTPATIENT EVAL & MGMT OF NEW PATIENT REQUIRING 3 COMPONENTS: EXPANDED PROBLEM FOCUSED HISTORY & EXAMINATION, AND STRAIGHTFORWARD DECISION MAKING	--	920	0.99	33.35	3.64	14857 17386	2 4	Complete	03 Aug 2006	CODED
E8880	1.70	66.70		12011	SIMPLE REPAIR SUPERFICIAL WOUNDS OF FACE/EARS/EYELIDS		E8880	1.70	66.70						

Prompt by MEPRS and Provider

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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

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Review OCE/NCCI Chapter

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

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	

Press ENTER to continue.

- 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?

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Documentation

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

Daily Volume Analysis of Hold Status Records (3M)

DMIS ID	MEPRS	Encounter Date	Enc Status Reason	Total Encounters	% of Ttl	Billables
0038				17	89.47	16
	BBA5			1	5.26	0
		10 Dec 2004		1	5.26	0
			--	1	5.26	0
	BIAA			16	84.21	16
		16 Jan 2004		1	5.26	1
			--	1	5.26	1
					26	1
					26	1

MTF CCE On Hold Potential Loss

DMIS ID	MEPRS	Clinic Loc	Appt Provider	Appt Prov Specialty	Appt Provider Role	Enc Status Reason	Total	% of Total	Prov RVU Wt	Potential Loss RVU $	Prov APG Wt	Potential Loss APG $
0038							30	83.33	22.83	640.34	33.08	4,264.85
	BBA5						1	4.17	2.61	87.46	8.34	1,095.41
		SDS GENERAL	LOETTE, WESLEY 2	GENERAL SURGEON			1	4.17	2.61	87.46	8.34	1,095.41
							1	4.17	2.61	87.46	8.34	1,095.41
					--		1	4.17	2.61	87.46	8.34	1,095.41
						--	1	4.17	2.61	87.46	8.34	1,095.41
	BC05						1	4.17	0.53	10.79	2.92	376.61
		SDS OB	PENNIES, PERRY 2	OBSTETRICIAN & GY			1	4.17	0.53	10.79	2.92	376.61
							1	4.17	0.53	10.79	2.92	376.61
					--		1	4.17	0.53	10.79	2.92	376.61
						--	1	4.17	0.53	10.79	2.92	376.61

CCE On Hold Status Detail

DMIS ID	MEPRS	FMP/Spon SSN	Patient SSN	Clinic Loc	Appt Provider	Appt Prov Specialty	Billing Flag	Encounter Date	Coding Status	Coder	Enc Status Reason	Review Date
0038	BIAA	20/832-62-6780	832724780	EMERGENCY ROO	VILSON, ASHELEY	EMERGENCY MEDICIN	OHI	09 Jan 2002	Review Hold	GAT724	--	--
0038	BIAA	20/656-40-1080	565879380	EMERGENCY ROO	VILSON, ASHELEY	EMERGENCY MEDICIN	DD7A	09 Jan 2002	Review Hold	GAT724	--	--
0038	BIAA	02/030-91-3328	781570345	FAST TRACK CLINI	KANNGOR, RENE	PHYSICIAN ASSISTAN	DD7A	30 Mar 2002	Review Hold	HC234	--	--
0038	BIAA	30/560-31-0045	910189804	FAST TRACK CLINI	KANNGOR, RENE	PHYSICIAN ASSISTAN	OHI	27 May 2002	Review Hold	GAT724	--	--
0038	BIAA	30/608-44-6816	128618300	EMERGENCY ROO	FELLSON, DEVON	EMERGENCY PHYSIC	OHI	18 Jul 2002	Review Hold	HC234	--	--

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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			1	2.94	10.7800	408.54	10.7800	0.0000	0.00	0.0000
	AFAA		1	2.94	10.7800	408.54	10.7800	0.0000	0.00	0.0000
		NATTC QA	1	2.94	10.7800	408.54	10.7800	0.0000	0.00	0.0000
0038			16	47.06	54.1500	2,018.60	3.3844	68.6901	8,861.00	4.2931
	BIAA		7	20.59	9.8700	370.21	1.4100	9.1531	1,180.75	1.3076
		EMERGENCY ROOM NA	7	20.59	9.8700	370.21	1.4100	9.1531	1,180.75	1.3076
	BDAA		4	11.76	24.5800	912.84	6.1450	44.3493	5,721.05	11.0873
		PEDIATRICS CLINIC	4	11.76	24.5800	912.84	6.1450	44.3493	5,721.05	11.0873
	BCC5		3	8.82	17.9000	668.34	5.9667	9.1361	1,178.55	3.0454
		SDS OB	3	8.82	17.9000	668.34	5.9667	9.1361	1,178.55	3.0454
	BBFA		1	2.94	1.8000	67.21	1.8000	3.9780	513.16	3.9780
		OTORHINOLARYNGOL	1	2.94	1.8000	67.21	1.8000	3.9780	513.16	3.9780
	FBIA		1	2.94	0.0000	0.00	0.0000	2.0736	267.49	2.0736
		IMMUNIZATION CLINIC	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	7298 RESIDUAL FOREIGN BODY IN SOFT TISSUE
20/882-18-7703	BEA5	0038	N11	ULABTest254551, Ima	22 Mar 2004	37	M	APV	7282 AFFECTIONS OF SHOULDER REGION, NOT ELSEWHERE CLASSIFIED
30/106-98-8903	BCC5	0038	N41	UOBTest1314, Ima	12 Apr 2004	31	F	APV	65573 DECREASED FETAL MOVEMENTS, AFFECTING MANAGEMENT OF MOTHER, ANTEPARTUM

Prompt by MEPRS

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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	Avg RBRVS Wt/Enc	Total RBRVS Wt	Potential RBRVS $ Reimb/Enc
BILSON, FRANCIS 19265					61	62.24	10.57	644.86	1,383.73	7.88	480.84	289.53
	GENERAL SURGEO				61	62.24	10.57	644.86	1,383.73	7.88	480.84	289.53
		--			61	62.24	10.57	644.86	1,383.73	7.88	480.84	289.53
			2002		3	3.06	13.00	39.01	1,677.27	0.00	0.00	0.00
				February	1	1.02	4.91	4.91	633.68	0.00	0.00	0.00
				June	1	1.02	19.18	19.18	2,474.34	0.00	0.00	0.00
				July	1	1.02	14.91	14.91	1,923.78	0.00	0.00	0.00
			2004		58	59.18	10.45	605.86	1,347.51	6.29	480.84	304.51
				January	1	1.02	6.84	6.84	882.40	9.73	9.73	363.25
				February	13	13.27	11.44	148.74	1,475.97	8.17	106.19	293.23
				March	11	11.22	10.41	114.54	1,343.26	10.00	109.99	360.70
				April	2	2.04	16.35	32.69	2,106.54	11.16	22.31	416.50
				May	2	2.04	12.67	25.35	1,634.76	8.84	17.68	330.07
				June	11	11.22	10.07	110.81	1,299.47	7.88	86.64	294.08
				July	10	10.20	8.61	86.05	1,110.06	6.81	68.08	254.19
				August	6	6.12	9.13	54.78	1,177.75	6.90	41.39	257.57
				September	2	2.04	13.03	26.06	1,680.88	9.42	18.83	351.54
CINGER, RENE 19435					1	1.02	1.19	1.19	153.94	0.00	0.00	0.00
	PHYSICIAN ASSIST				1	1.02	1.19	1.19	153.94	0.00		
		--			1	1.02	1.19	1.19	153.94	0.00		
			2001		1	1.02	1.19	1.19	153.94	0.00		
				January	1	1.02	1.19	1.19	153.94	0.00		
CINGER, RENE 19460					36	36.73	9.62	346.29	1,240.88	7.30	262.67	267.58

Review volume and potential revenue variation over time

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Provider Analysis

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

MEPRS with Appointment Provider Analysis

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 RBR Reimb/En
..					1	0.12	3.32	3.32	427.64	3.85	3.85	
	..				1	0.12	3.32	3.32	427.64	3.85	3.85	
		DE802/MFS, BB02			1	0.12	3.32	3.32	427.64	3.85	3.85	
			DIETICIAN-NUTRI		1	0.12	3.32	3.32	427.64	3.85	3.85	
				Operating Provider A	1	0.12	3.32	3.32	427.64	3.85	3.85	158.33
1008					842	88.76	2.76	2,323.82	358.04	1.87	1,575.53	68.76
	BBAG				87	11.49	10.22	881.16	1,318.14	7.87	740.51	281.38
		BILSON, FRANCIS			61	7.23	10.57	644.86	1,383.73	7.88	480.84	289.63
			GENERAL SURGE		61	7.23	10.57	644.86	1,383.73	7.88	480.84	289.63
				..	61	7.23	10.57	644.86	1,383.73	7.88	480.84	289.63
	BIAA											

Appointment Provider Listing with RBRVS

Patient Group	DMIS ID	MEPRS	FMP/Spon 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
DBS	--	--	20/981-46-4825	LUIRP, 111 Fallo	--	02 Apr 2005	--	--	..	490 Bronchitis NOS	94760 Measure Blood Oxygen Le	0.00	0.0000
DBS	--	--	35/434-76-9756	LUIRP, 37 Ptsith	--	05 Mar 2005	--	--	..	V509 Elective surgery NOS	11312 Shave Skin Lesion	45.48	1.2000
DBS	--	--	42/159-66-5455	LUIRP, 20 Pt Gen	--	05 Mar 2005	--	--	..	V7647 Invalid Code	90101 Invalid Code	17.06	0.4500
DBS	--	--	65/853-87-9794	LUIRP, 112 Ns Di	--	05 Mar 2005	--	--	..	0380 Streptococcal septicemia	00470 Anes Part Rib Resect Res	0.00	0.0000
DBS	--	--	35/124-79-9865	LUIRP, 27 and 25	--	05 Mar 2005	--	--	..	68111 Onychia of toe	11765 Excision Nail Fold, Toe	26.16	0.6900
DBS	--	--	87/465-26-5995	LUIRP, Edit 1 95	--	05 Mar 2005	--	--	..	33361 Blepharospasm	64612 Chemodenervat Face Nerve Mu	74.28	1.9600
DBS	--	--	63/214-55-9974	LUIRP, 28 ABN Ba	--	05 Mar 2005	--	--	..	486 Pneumonia, organism NOS	95025 Bld Cst Cmplt Auto W Diff	0.00	0.0000

Utilize to review and compare providers within and between clinics

Prompt by Provider

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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

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Questions

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