

Encounter Data

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Encounter Data Submissions

A Progress Report

- Current State of Submissions
- Encounter Data Integrity Activity
- Next Steps

Polling Question #1

How long have you worked on MA Encounter Data?

- a. Less than 1 year
- b. 1 to 2 years
- c. 2 to 5 years
- d. 5 or more years

Polling Question #2

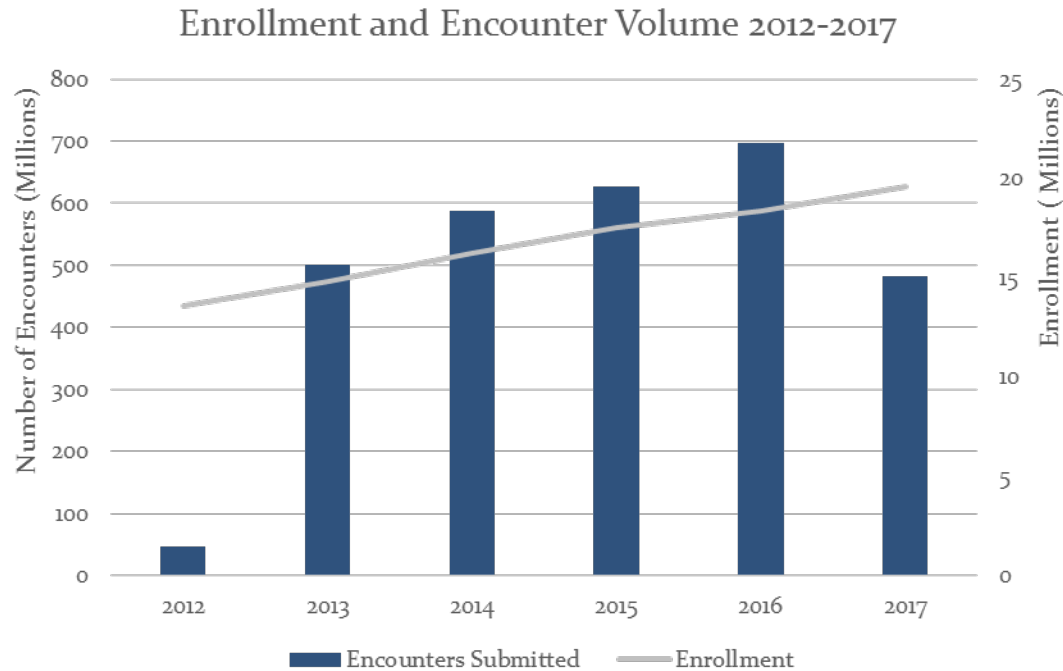
Select the choice below that best describes your role in the creation & submission of MA Encounter Data

- a. Claims processing
- b. Encounter Data processing
- c. Policy & Compliance
- d. Provider education and outreach
- e. Error Resolution
- f. Risk Adjustment analysis
- g. Risk Adjustment operations
- h. Financial operations
- i. Other

Current State of Submissions: Volume

- MA Encounter Data is Big Data
- Where are we in terms of volume of submissions?

Current State of Submissions: Volume (cont.)



Forecast for 2017: 775 M records

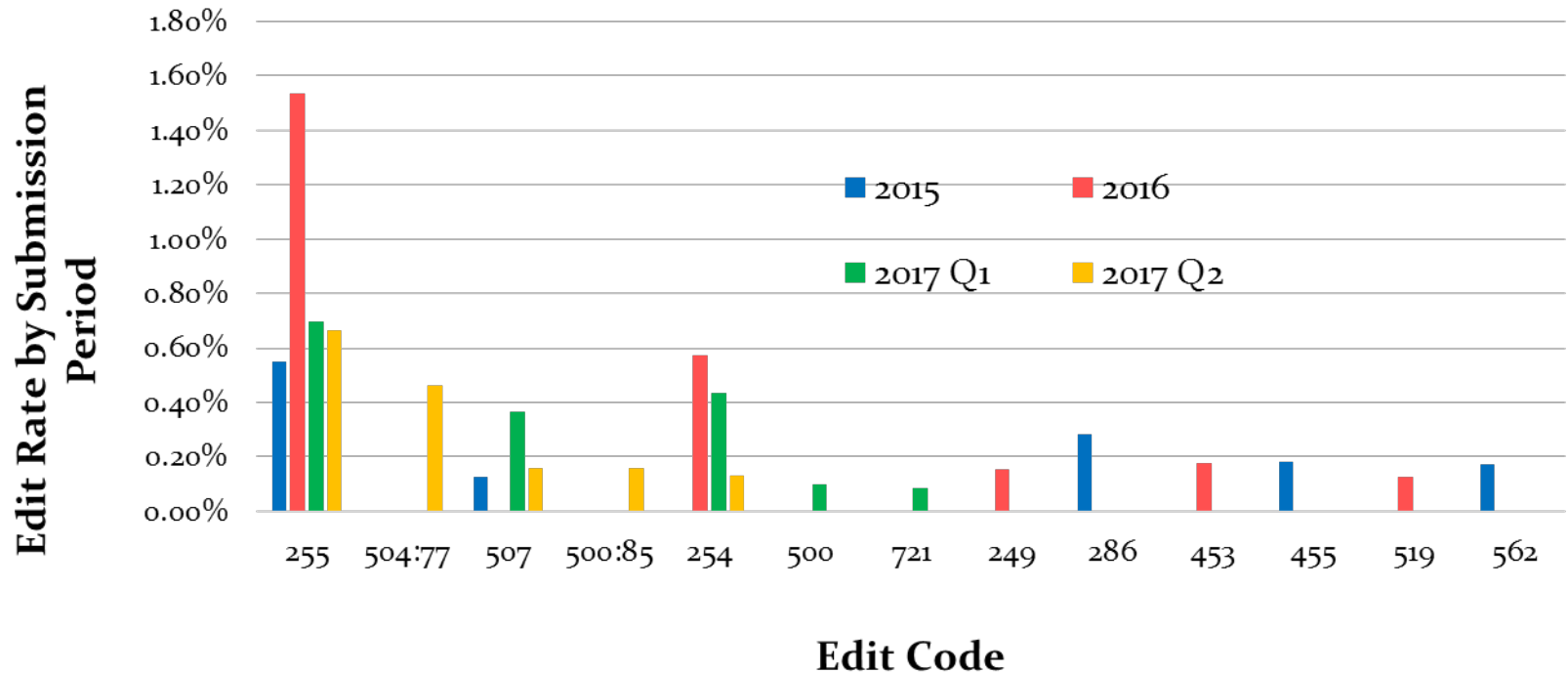
Submission Forecast

Time Period	Forecast (in Millions of Encounters)
September 2017	65
CY 2017	775
CY 2013 – 2017	3,200

Top 5 Most Frequent Edits in EDFES: Total 2015, 2016 & Q1 2017 Submissions

Submission Period	Edit Code	Description	Edit Rate
2017 1st Q Submissions	255	Diagnosis Code	0.70%
	254	Principle Diagnosis Code	0.43%
	507	HCPCS	0.36%
	500	Entity's Postal/Zip Code Invalid	0.10%
	721	Invalid NUBC Occurrence Span Code(s)	0.08%
	Top 5 Edits Total		1.68%
2016 Submissions	255	Diagnosis Code	1.53%
	254	Principle Diagnosis Code	0.57%
	453	Procedure Code Modifier(s) for Service(s) Rendered	0.18%
	249	Place of service	0.15%
	519	Adjustment Amount	0.12%
	Top 5 Edits Total		2.56%
2015 Submissions	255	Diagnosis Code	0.55%
	286	Other payer's Explanation of Benefits/payment information	0.28%
	455	Revenue code for services rendered	0.18%
	562	Entity's National Provider Identification - Referring Provider	0.17%
	507	HCPCS	0.13%
	Top 5 Edits Total		1.32%

Top 5 Most Frequent Edits, by Submission Period



Edit Codes and Descriptions

Edit Code	Description
255	Diagnosis Code
254	Principle Diagnosis Code
507	HCPCS
504:77	Entity's Last Name: Service Location
500	Entity's Postal/Zip Code Invalid
500:85	Entity's Postal/Zip Code
721	Invalid NUBC Occurrence Span Code(s)
249	Place of service
286	Other payer's Explanation of Benefits/payment information
453	Procedure Code Modifier(s) for Service(s) Rendered
455	Revenue code for services rendered
519	Adjustment Amount
562	Entity's National Provider Identification - Referring Provider

Top 5 Most Frequent EDPS Header Level Reject Edits Professional 2017 Q1, 2016, 2015

Service Type	Edit Code	Edit Description	Edit Rate
2017 1 st Quarter Submissions	98320	Chart Review Duplicate	1.84%
	02240	Beneficiary Not Enrolled in MAO for DOS	0.86%
	00780	Adjustment Must Match Original	0.84%
	00760	Adjusted Encounter Already Void/Adjusted	0.30%
	00265	Correct/Replace or Void ICN Not in EODS	0.21%
2016 Submissions	98320	Chart Review Duplicate	1.41%
	02240	Beneficiary Not Enrolled in MAO for DOS	0.97%
	00800	Parent ICN Not Allowed for Original	0.42%
	00760	Adjusted Encounter Already Void/Adjusted	0.26%
	02125	Beneficiary DOB Mismatch	0.19%
2015 Submissions	02240	Beneficiary Not Enrolled in MAO for DOS	0.90%
	00760	Adjusted Encounter Already Void/Adjusted	0.28%
	98320	Chart Review Duplicate	0.18%
	02125	Beneficiary DOB Mismatch	0.16%
	02110	Beneficiary HICN Not on File	0.08%

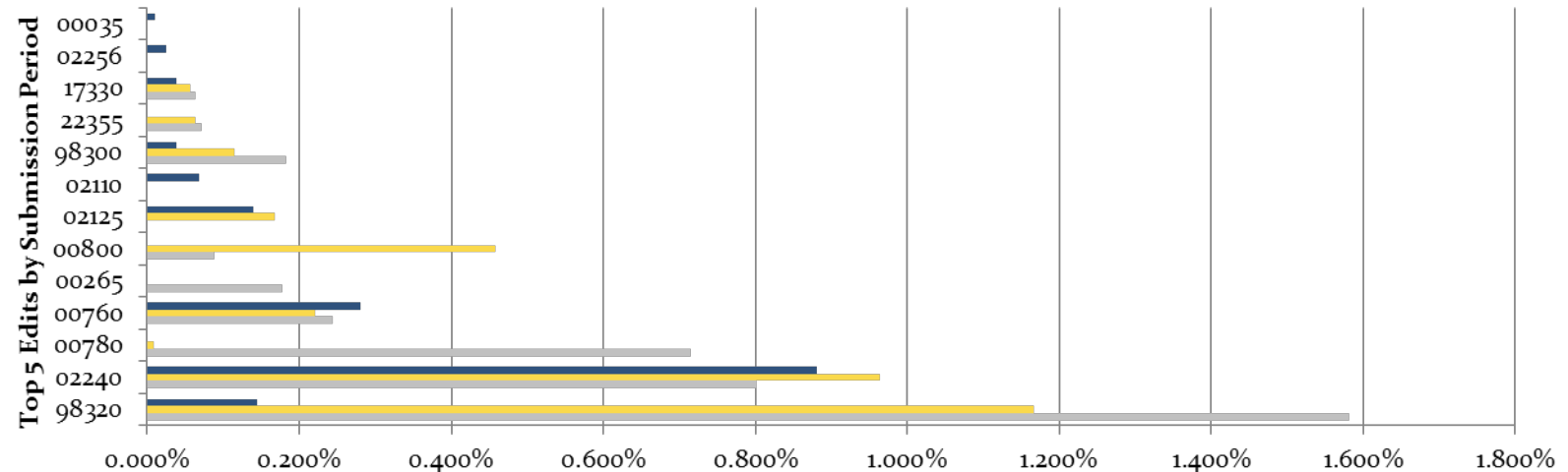
Top 5 Most Frequent EDPS Header Level Reject Edits Institutional 2017 Q1, 2016, 2015

Service Type	Edit Code	Edit Description	Edit Rate
2017 1 st Quarter Submissions	98300	Exact Inpatient Duplicate Encounter	1.22%
	00800	Parent ICN Not Allowed for Original	0.55%
	22355	Inpatient Service Line Error	0.48%
	02240	Beneficiary Not Enrolled in MAO for DOS	0.45%
	17330	RAP Not Allowed	0.43%
2016 Submissions	98300	Exact Inpatient Duplicate Encounter	0.87%
	02240	Beneficiary Not Enrolled in MAO for DOS	0.74%
	00800	Parent ICN Not Allowed for Original	0.71%
	22355	Inpatient Service Line Error	0.48%
	17330	RAP Not Allowed	0.43%
2015 Submissions	02240	Beneficiary Not Enrolled in MAO for DOS	0.67%
	98300	Exact Inpatient Duplicate Encounter	0.30%
	00760	Adjusted Encounter Already Void/Adjusted	0.29%
	17330	RAP Not Allowed	0.29%
	02256	Beneficiary Not Part C Eligible for DOS	0.19%

Top 5 Most Frequent EDPS Header Level Reject Edits DME 2017 Q1, 2016, 2015

Service Type	Edit Code	Edit Description	Edit Rate
2017 1 st Quarter Submissions	02240	Beneficiary Not Enrolled in MAO for DOS	1.12%
	00760	Adjusted Encounter Already Void/Adjusted	0.31%
	02125	Beneficiary DOB Mismatch	0.22%
	00035	ICD-9 Codes Not Allowed	0.22%
	02110	Beneficiary HICN Not on File	0.10%
2016 Submissions	02240	Beneficiary Not Enrolled in MAO for DOS	1.61%
	00800	Parent ICN Not Allowed for Original	0.53%
	02125	Beneficiary DOB Mismatch	0.23%
	00780	Adjustment Must Match Original	0.22%
	00760	Adjusted Encounter Already Void/Adjusted	0.18%
2015 Submissions	98320	Chart Review Duplicate	2.31%
	02240	Beneficiary Not Enrolled in MAO for DOS	0.98%
	00780	Adjustment Must Match Original	0.90%
	00800	Parent ICN Not Allowed for Original	0.18%
	00265	Correct/Replace or Void ICN Not in EODS	0.18%

Top 5 Most Frequent Header Edits, by Submission Period



	98320	02240	00780	00760	00265	00800	02125	02110	98300	22355	17330	02256	00035
2015	0.145%	0.881%	0.000%	0.281%	0.000%	0.000%	0.139%	0.068%	0.038%	0.000%	0.038%	0.025%	0.009%
2016	1.166%	0.964%	0.008%	0.222%	0.000%	0.459%	0.168%	0.000%	0.114%	0.063%	0.057%	0.000%	0.000%
2017 Q1	1.581%	0.802%	0.715%	0.245%	0.177%	0.088%	0.000%	0.000%	0.183%	0.072%	0.064%	0.000%	0.000%

Edit Rate by Submission Period

Encounter Data Integrity – Activities

- Developed an MA Encounter Data Integrity Plan and began implementation 2015
- Two major goals of this work
 - Goal 1: Validate Completeness & Accuracy of Encounter Data
 - Goal 2: Communicate with MAOs on Best Ways to Improve Encounter Data Submissions

Encounter Data Integrity – Activities (cont.)

- Core Activities

1. Analysis
2. Communication with MAOs
3. Monitoring
4. Compliance

Analysis

- Analysis of encounter data is the core activity that supports the other three data integrity activities.
- CMS conducts analysis in several areas to support the collection, processing, completeness, and validity of encounter data.

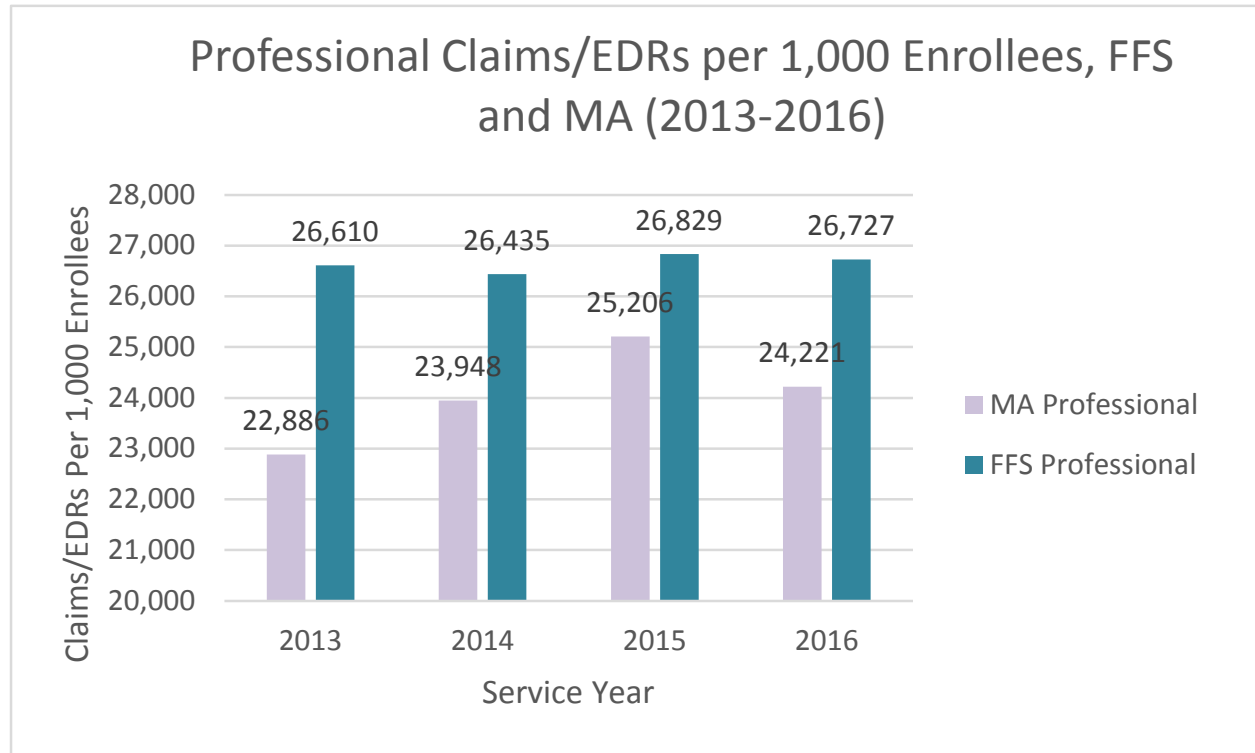
Analysis (cont.)

- Analysis
 - Completeness
 - Record Level
 - Data Element Level
 - Focus today on Record Level
 - Professional
 - Inpatient
 - Outpatient

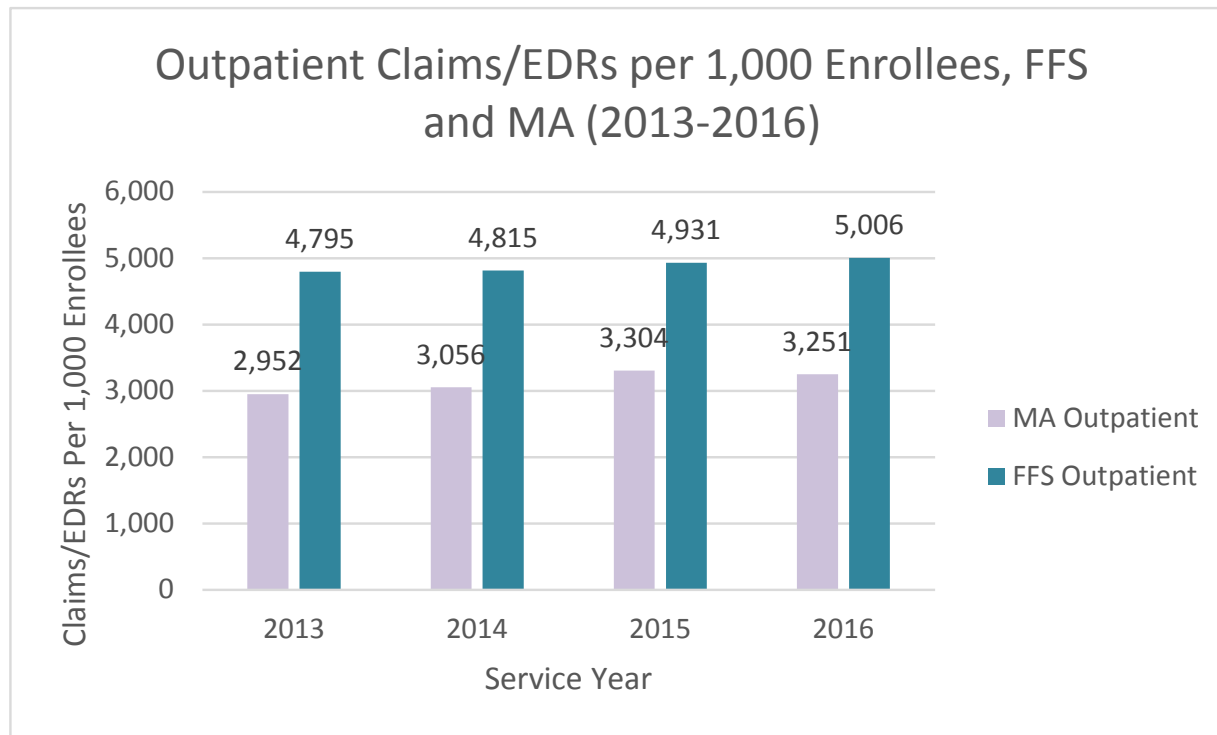
Analysis - Completeness

- Completeness – Record-level Analysis
 - Several different analyses to assess the volume of encounter data records
 - By type of service
 - By dates of service
 - Comparison of MA encounter data records per 1,000 to FFS Claims per 1,000 beneficiaries
 - National and regional
 - Additional analysis of inpatient encounter data records
 - Adjustment to FFS benchmark (claims per 1,000) based on NBER study findings
 - RAPS to encounter data record-level matching
 - No-pay inpatient claims to inpatient encounter data record matching

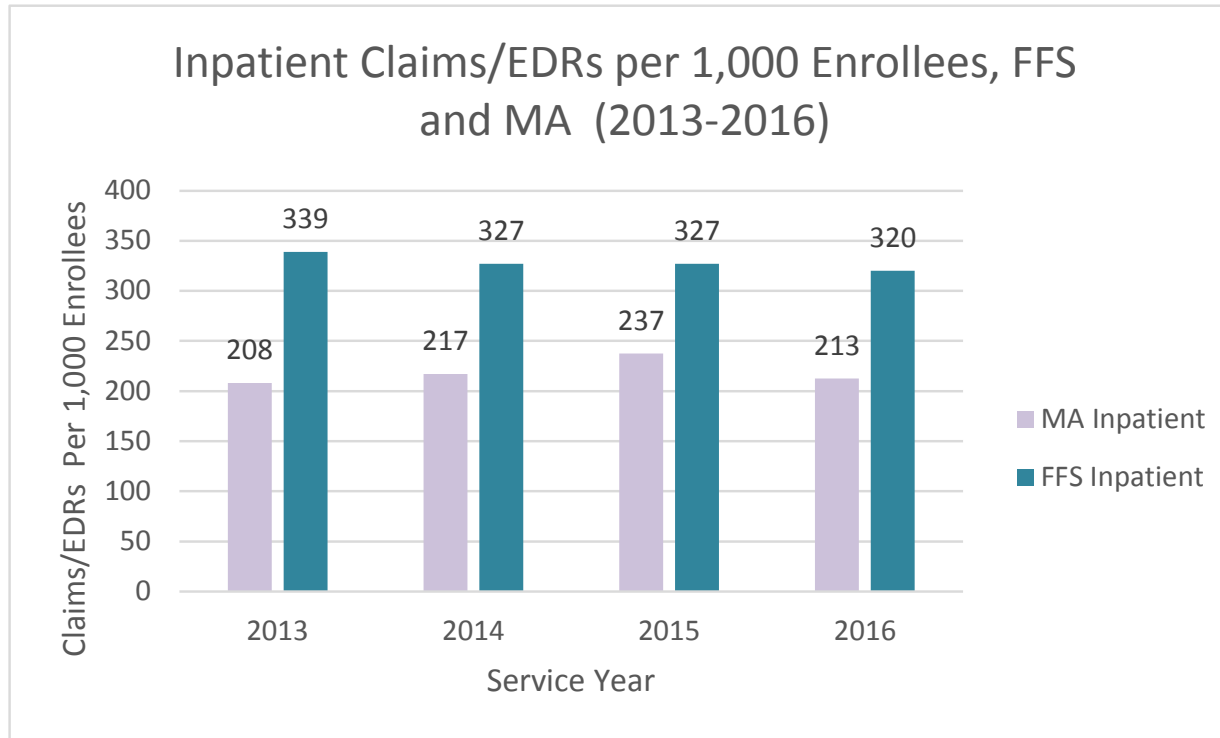
Comparison of MA encounter data records per 1,000 and FFS Claims per 1,000, Professional, by Service Year



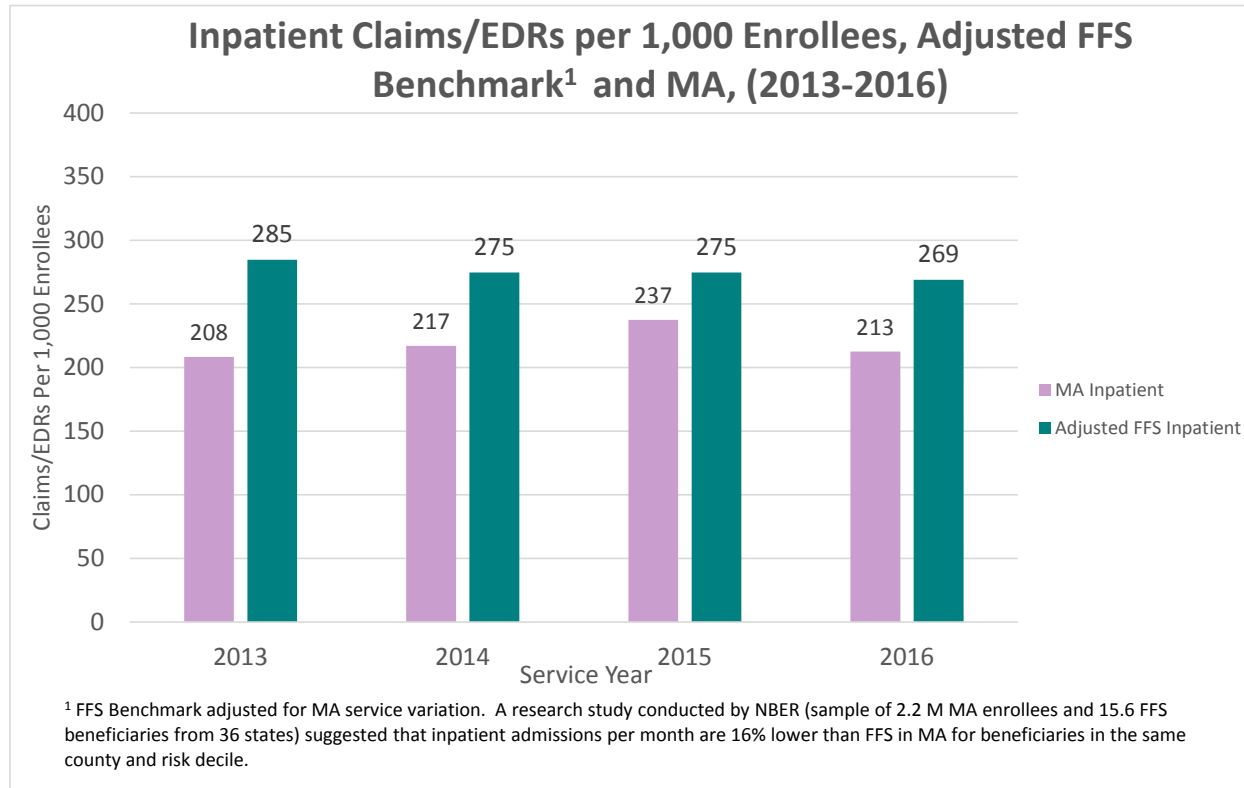
Comparison of MA encounter data records per 1,000 and FFS Claims per 1,000, Outpatient, by Service Year



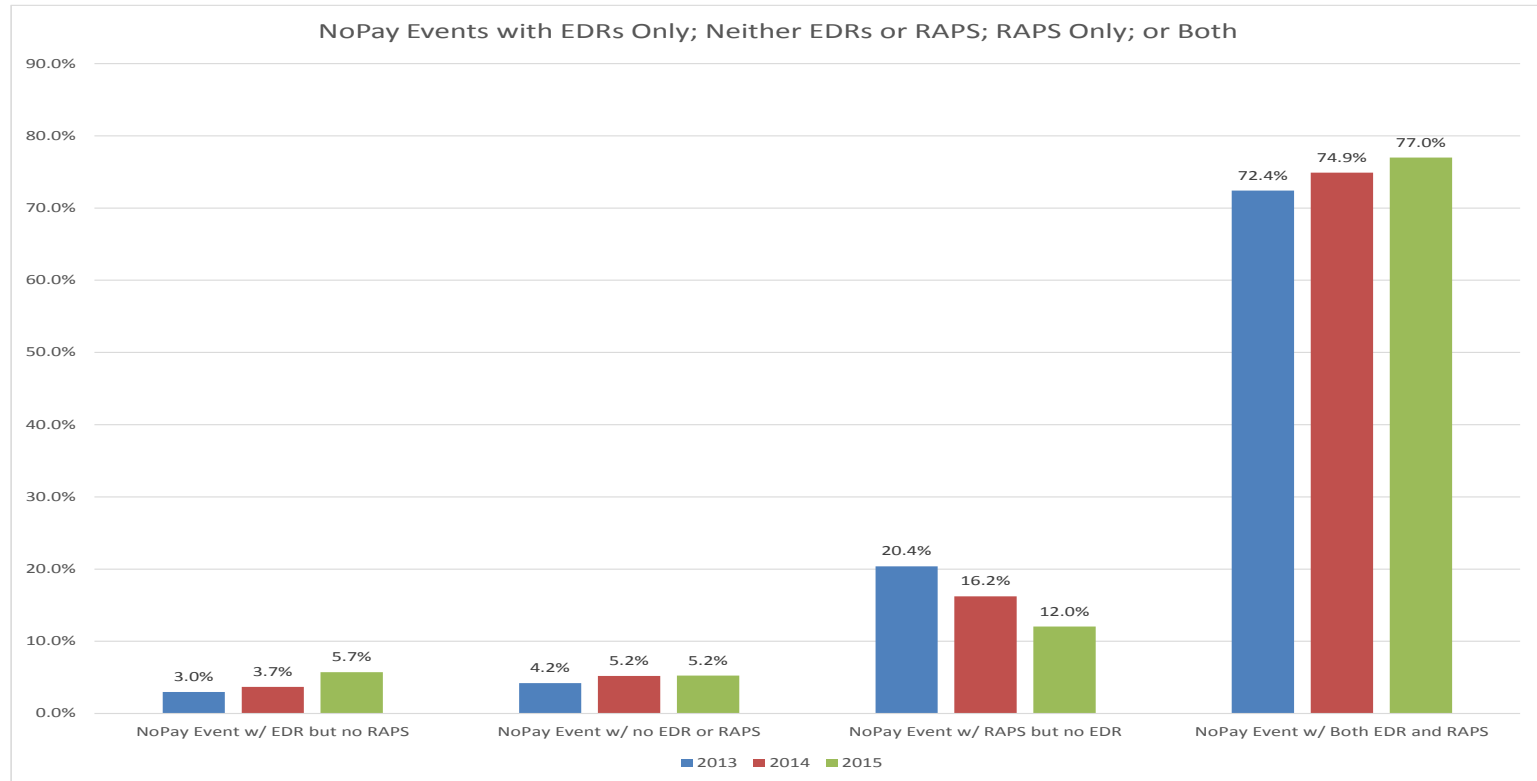
Comparison of MA encounter data records per 1,000 and FFS Claims per 1,000, Inpatient, by Service Year



Comparison of MA encounter data records per 1,000 and Adjusted FFS Benchmark, Inpatient, by Service Year



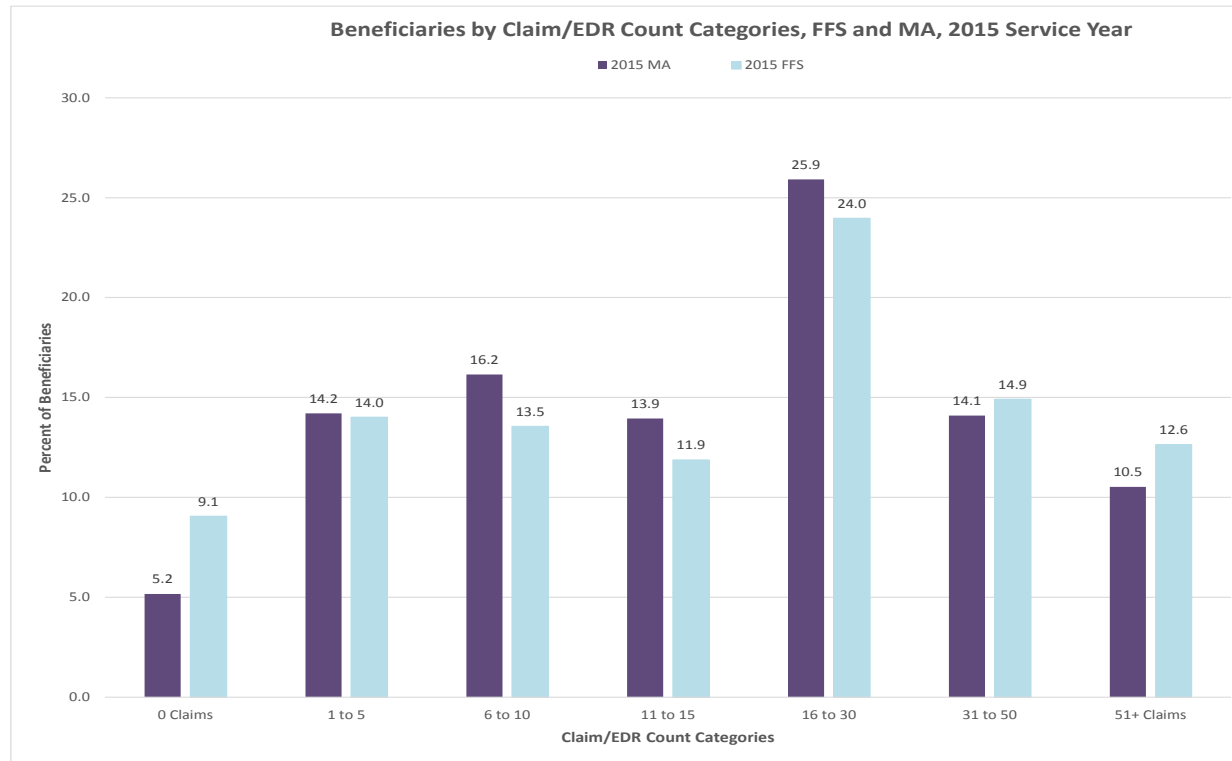
Match Rate of Inpatient encounter data records to No-pay Claims and to Inpatient RAPS records, by Service Year



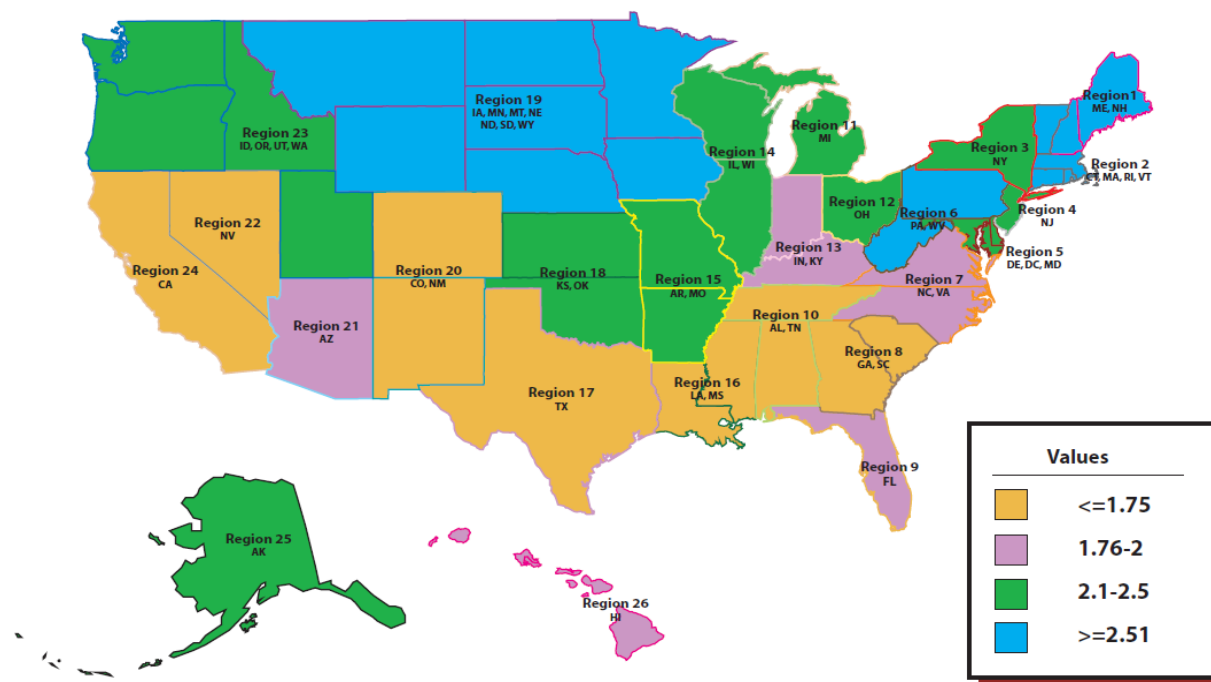
Analysis – Other

- Beneficiary-level Utilization
- Diagnosis Code Maps

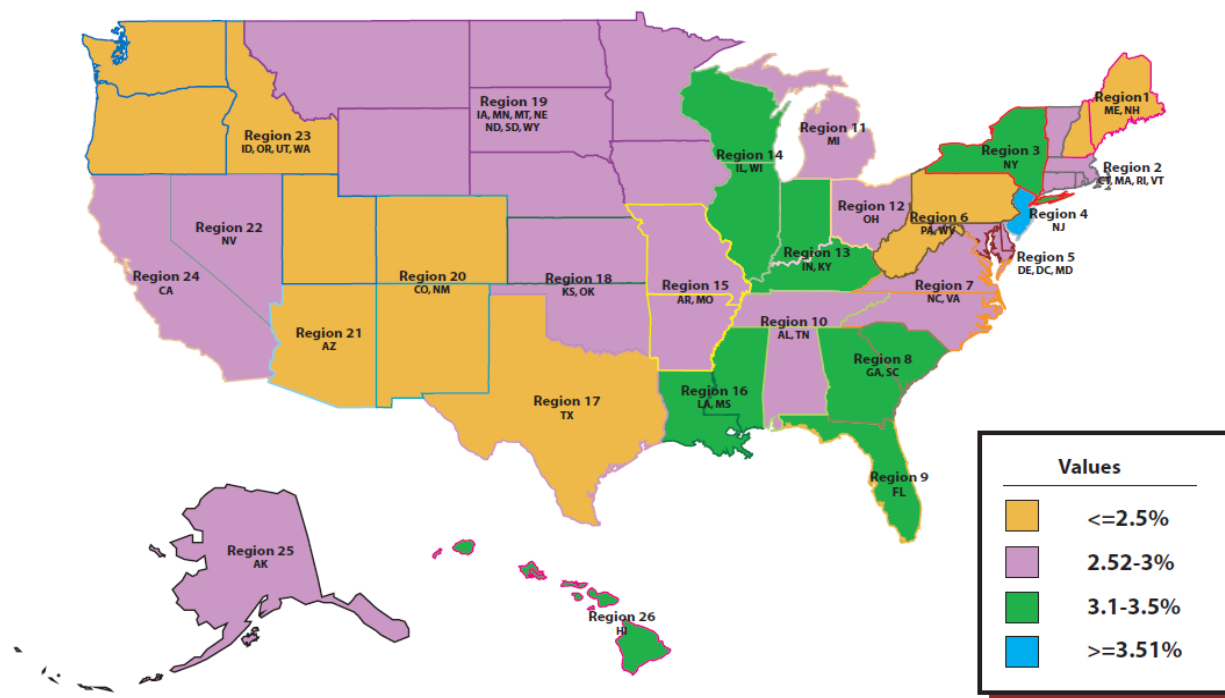
Distribution of Beneficiaries by Utilization, FFS and MA, 2015 Service Year



Percent of encounter data records w/Principal Diagnosis of Atrial Fibrillation NOS (ICD9 42731), by MA Region, 2014 Service Year



Percent of encounter data records w/Principal Diagnosis of Hypertension NOS (ICD9 4019), by MA Region, 2014 Service Year



Communications with MAOs

- The primary goal of communications and outreach is for CMS and MAOs to collaborate effectively in the submission and collection of complete and accurate encounter data. CMS gathers information about MAOs encounter data processes, seeks stakeholder feedback, and provides guidance and technical assistance through a variety of communications activities.

Communications with MAOs (cont.)

- Site Visits
- 1X1 Calls
- User Group Calls
- Mailbox inquiries
- Research into edits
- Best Practices

Monitoring

Monitoring is the activity that ties together analysis and communication with MAOs. CMS views monitoring as a means to improve the overall completeness and accuracy of encounter data by:

1. Providing information to submitters to enable self-evaluation
2. Enabling routine evaluation of encounter data
3. Informing decisions regarding compliance activity

Monitoring (cont.)

- Report Cards
- Analysis supporting 1X1 Calls
- Gathering information from 1X1 Calls
- Analysis presented earlier (broad trends)
- New analysis to better assess the completeness and accuracy of data and provide technical assistance to support MAO efforts

Compliance

Compliance activity is intended to follow up with MAOs whose performance in submitting complete and accurate data does not meet performance expectations.

- Call Letter 2018

Next Steps

- Continued implementation of the integrity activities
 - Analysis
 - More analysis of data element validity; data completeness
 - Communication & Outreach
 - Continuing current efforts
 - Considering suggestions for additional forms of communication
 - Consolidate and update guidance
 - Update and streamline guidance website

Next Steps (cont.)

- Continued implementation of the integrity work
 - Monitoring
 - More information on report cards
 - Additional analyses
 - Compliance
 - Continuing development