



MADE for CTI

6/11/2021

Data availability in MADE

- MADE:
 - Rolling 36 months of Medicare Claims data (CCLF)
 - May 2018 through April 2021
 - Beneficiaries available in MADE: MPA Y4 + Touch
 - Hospitals having submitted PHI attestations for MPA Y4 have access to all MPA Y4 attributed beneficiaries
 - Referral and Geographic (PSAP) attribution excepted
 - Touch attribution: IP or ED claim at the hospital in the 36-month period
- CTI Considerations:
 - Baseline periods may not overlap with the data in MADE
 - Beneficiaries included in baseline analyses may not be available in MADE according to MPA Y4 or touch attributions
 - Beneficiaries in CTI Performance period may similarly be not available in MADE



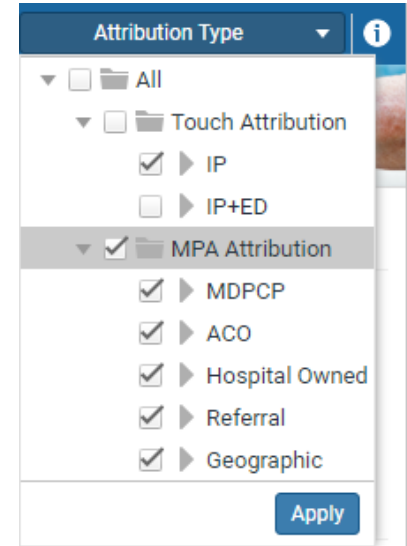
'Touch' and MPA Attribution

'Touch'

- Beneficiaries available through and IP or an ED touch at your hospital in the CCLF data set
- Select IP or IP+ED

Medicare Performance Adjustment (MPA)

- Beneficiaries' PHI available through MPA attribution methodologies
- Beneficiaries attributed to physicians who are attributed to a hospital
 - MDPCP (for hospital-based CTOs)
 - ACO (for hospitals operating in an ACO)
 - Hospital Owned (i.e. employed)
 - According to submitted list of employed physicians to HSCRC
 - Referral
 - According to submission of attestation of a care coordination agreement between hospital and physician
 - Geographic
 - Geographically attributed beneficiaries are visible only if there was a 'touch' at the hospital



CCLF Data Exporter: DEX

- Beneficiaries available are those present in MADE
- Select users at each hospital have access to the full CCLF data plus additional datasets derived from the CCLF including:
 - Baseline and performance period CTI episode data
 - Episode data
 - Summary information
 - 1 row per episode
 - Beneficiary linking file
 - MBI and Claim Number to join to full CCLF data for additional analyses
 - 1 row per claim within each episode



Goals of MADE

- Provide insight into where providers may focus Care Redesign and care coordination programs for maximum impact
- Monitor population-level trends over a series of utilization and payment metrics
- Facilitate providers' use of patient- and population-level data to improve care



OVERVIEW OF MADE



MADE Capabilities

- MADE provides reports across four modules:
 - Population
 - Patient- and population-level details for your attributed populations
 - Episode
 - Acute and post-acute care utilization for 90-day episodes of care following a hospitalization
 - Episodes defined according to BPCI or ECIP
 - Pharmacy
 - Reports categorized by utilization, volume, cost, high-risk medications, utilization by top therapeutic categories and many more
 - Monitoring
 - High-level trend reports to track population changes over time



Rosters

Persisting list of beneficiaries.

- Baseline CTI Rosters are currently available

Create using:

- Population Navigator Filters
- A custom list (e.g. from your EMR)
 - Exact Match on:
 - First & Last Name
 - Gender
 - Date of birth
- Combine existing rosters
 - Union
 - Intersect
 - Compliment

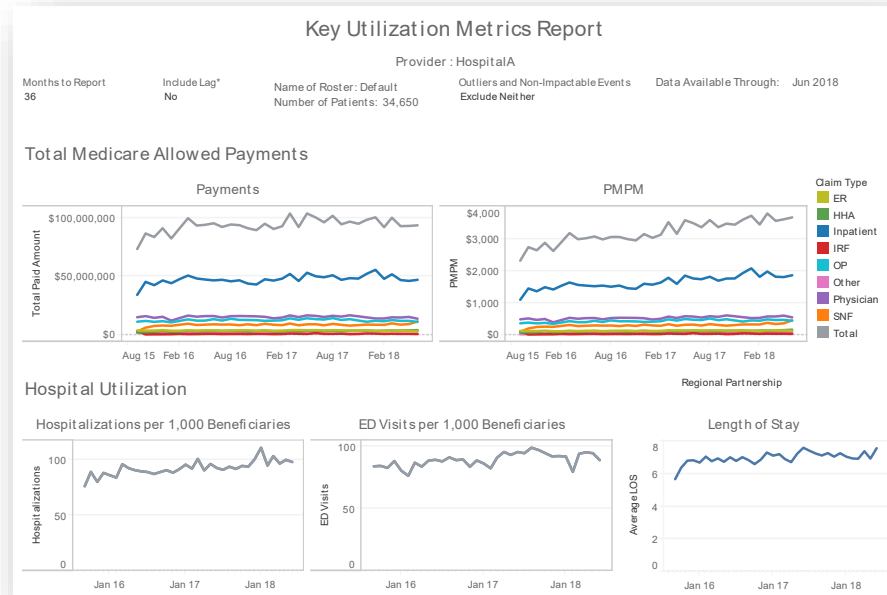
The screenshot shows the 'Create Roster' dialog box with the 'Upload / Select Patients' tab selected. The 'Name' field contains 'Roster Name'. The 'Type' section has three radio buttons: 'Selected Patient(s)' (unselected), 'Current View' (selected), and 'Upload' (unselected). The 'Make Public' checkbox is checked. The 'Upload File' field is empty with a 'Browse...' button to its right. At the bottom right, there are three buttons: 'Download Template', 'Create Roster & Review', and 'Cancel'.

The screenshot shows the 'Create Roster' dialog box with the 'Combine Existing Rosters' tab selected. The 'Name' field is empty and has a red border. The 'Make Public' checkbox is unchecked. The 'Rules Builder' section contains an 'Add Roster' button, followed by 'UNION', 'INTERSECT', and 'COMPLEMENT' buttons, and then parentheses '()' buttons. Below this is a 'Rules' text field. At the bottom, there is a 'Final Set' text field. At the bottom right, there are three buttons: 'Create Roster & Review', 'Clear', and 'Cancel'.



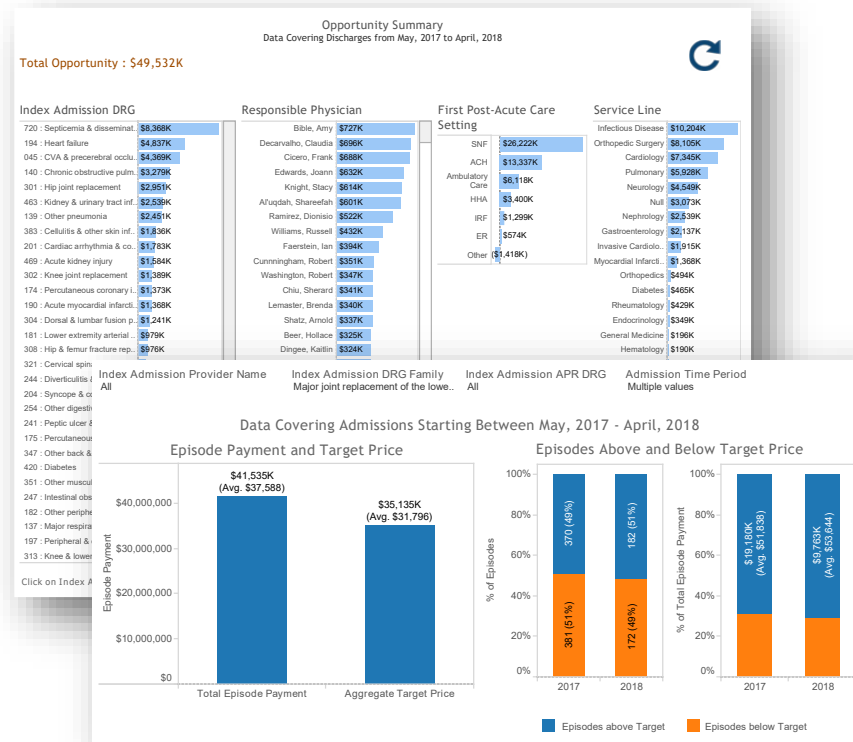
Use Case: Executive Monitoring

- Key Utilization Metrics Report
 - “30,000ft Perspective” on population and roster utilization metrics over 36 months
- SNF Utilization Report
 - Identifies high-quality SNFs to further develop provider network
- Acute & Post-Acute Care Management
 - Provides overall readmission rates and discharge patterns for episodes initiated in a given hospital
- Population Analytics
 - Population-level reports across a defined roster
 - High-level utilization and trends



Use Case: Financial Tracking

- Opportunity Summary Report
 - Identifies potential savings opportunities by streamlining discharge patterns out of the hospital
- Post Acute Variance Explorer (PAVE) Report
 - Identifies discharge patterns by physicians and clusters them to determine savings opportunities
- Episode Benchmarks
 - Compares hospital performance relative to aggregate target prices using CMMI BPCI guidelines
- Pharmacy Reports
 - Compare brand/generic substitution and medication synchronization



Use Case: Clinical Intervention

- Population Navigator (PHI)
 - Create and manage patient rosters
 - Identify patients according to pre-defined measures
 - View detailed patient care history visually through the Patient Timeline
- Population Analytics
 - Population-level reports across a defined roster
 - High-level utilization and trends

The screenshot shows the CRISP Population Navigator interface. The top navigation bar includes the CRISP logo, 'CCLF MEDICARE ANALYTICS & DATA ENGINE', and user information 'hMetrix, Admin' with a 'Logout' button. The main interface is divided into several sections:

- Population Navigator:** A central area with a 'Roster Selection' dropdown menu.
- Measures:** A table on the right side showing various medical conditions with their respective counts.
- Annotations:** Orange arrows point to various UI elements: 'View Selector' (top left), 'Collapsible Menu' (left sidebar), 'Create Roster' (top right), 'Excel' (top right), 'Hospital Filter' (top right), 'Attribution Type' (top right), 'Roster Selection' (center), and 'Collapsible Measures Menu' (right sidebar).

Filter	Measures ↑	Value	Count
CCW Chronic Conditions (Filtered:0)			
<input type="checkbox"/>	Acquired Hypothyroidism	Yes	2,028
<input type="checkbox"/>	Acute Myocardial Infarction	Yes	852
<input type="checkbox"/>	Alzheimer's Disease	Yes	1,260
<input type="checkbox"/>	Alzheimer's Disease and Rel...	Yes	4,328
<input type="checkbox"/>	Anemia	Yes	5,039
<input type="checkbox"/>	Asthma	Yes	953
<input type="checkbox"/>	Atrial Fibrillation	Yes	2,542
<input type="checkbox"/>	Benign Prostatic Hyperplasia	Yes	1,186
<input type="checkbox"/>	Cataract	Yes	1,293
<input type="checkbox"/>	Chronic Kidney Disease	Yes	6,177
<input type="checkbox"/>	Chronic Obstructive Pulmon...	Yes	2,776
<input type="checkbox"/>	Colorectal Cancer	Yes	266



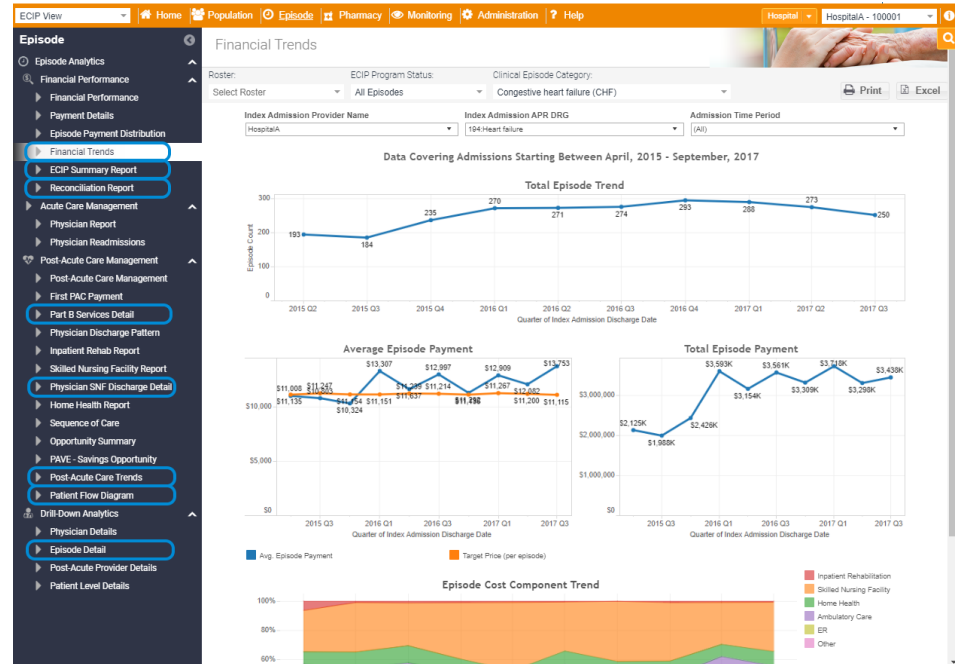
OVERVIEW & DEMO OF MADE MODULES



APPENDIX A: MADE ECIP VIEW

ECIP View

- Alternate View of MADE
- Episode Module logic consistent with ECIP
- Evaluate participation and track actual episodes
- Includes only beneficiaries with ECIP-eligible episodes at loaded hospital
- Available to all hospitals for all episodes regardless of participation



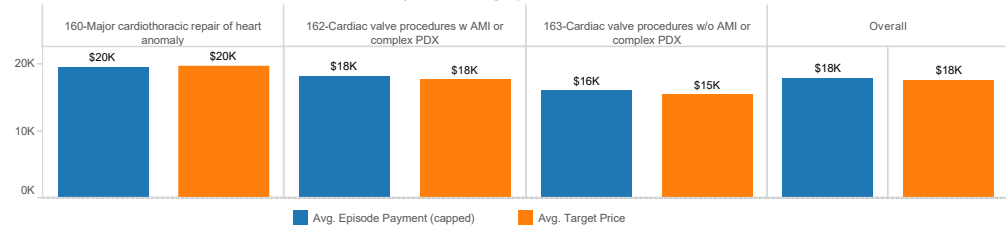
ECIP View

1. Clinical Episode Category filter
2. Episode payment calculations exclude inpatient payments
3. Some ECIP-specific reports:
 1. ECIP Summary Report
 2. Reconciliation Report
 3. Part B Services Detail
 4. Physician SNF Discharge Detail
 5. Post-Acute Care Trends
 6. Patient Flow Diagram
 7. Episode Details

Target Price Summary

Index Admission Provider Name	Clinical Episode Category	Total Historic Episode Volume	Annualized Historic Episode Volume	Year 1 Prospective Target Price	Average Historic Episode Payment	TCOC Reduction Threshold (per episode)
	Acute myocardial infarction (AMI)	3,725	1,492	\$12,067	\$12,413	\$346
	Back and neck except spinal fusion	1,072	429	\$10,334	\$10,612	\$278
	Cardiac arrhythmia	7,054	2,820	\$9,784	\$10,058	\$274
	Cardiac valve	1,021	402	\$19,020	\$19,603	\$582
	Cellulitis	5,417	2,169	\$10,690	\$11,339	\$449
	Cervical spinal fusion / Combined anterior posterior spl..	5,639	2,252	\$11,672	\$12,289	\$417
	Chronic obstructive pulmonary disease (COPD), bronch..	12,993	5,199	\$8,029	\$8,286	\$258
	Congestive heart failure (CHF)	14,393	5,759	\$11,696	\$12,025	\$329
	Coronary artery bypass graft surgery (CABG)	1,495	598	\$12,699	\$13,084	\$386
	Major joint replacement of the lower extremity (MJRLE) ..	21,825	8,727	\$11,840	\$12,218	\$378
	Fractures, femur and hip/pelvis	1,428	570	\$21,722	\$22,404	\$682
	Gastrointestinal hemorrhage	11,994	4,797	\$8,910	\$9,202	\$291
	Gastrointestinal obstruction	3,450	1,380	\$6,973	\$7,288	\$315
	Hip and femur procedures except major joint	4,016	1,606	\$24,969	\$25,781	\$812
	Lower extremity and humerus procedure except hip, foo..	3,912	1,567	\$14,990	\$15,690	\$700
	Major bowel procedure	2,960	1,182	\$11,449	\$11,807	\$358
	Pacemaker	1,515	604	\$7,464	\$7,684	\$220

Clinical Episode Category Detail: Cardiac valve



	160-Major cardiothoracic repair of heart anomaly	162-Cardiac valve procedures w/ AMI or complex PDX	163-Cardiac valve procedures w/o AMI or complex PDX	Overall
Episode Count	285	65	671	1,021
Avg. Episode Payment (capped)	\$19,506	\$18,170	\$16,088	\$17,887
Avg. Target Price	\$19,637	\$17,759	\$15,402	\$17,577

