

Dynamic reporting interface provides claims data insight to Medicare accountable care organizations

Background

The Center for Medicare and Medicaid Innovation (CMMI) accountable care organization (ACO) programs, including the Medicare Shared Savings Program (MSSP) and Next Generation ACO Models, are intended to change the incentives for how medical care is delivered and paid for in the United States, moving away from a system that rewards the quantity of services to one that rewards the quality of health outcomes. ACOs entering into these value-based payment arrangements have an opportunity to share in the savings generated.

As part of these shared savings programs, CMMI provides monthly claim and claim line feed (CCLF) data files and beneficiary assignment files to all participating ACOs. Using this data to understand opportunities for efficiently managing the cost and quality of the care provided to an ACO's population is essential in order to be successful under these shared savings arrangements. Milliman has the expertise to process and analyze claims data to support ACOs in identifying opportunity for more efficient population management.

Milliman's monthly reporting interface

Milliman has developed a dynamic claims data reporting platform for ACOs in QlikView (a web-based data visualization and guided analytics interface). ACOs can log into their online portal at their convenience and access our comprehensive reports, which are updated monthly. These reports include detailed claims summaries of the data contained in monthly CCLF files. Also included are Milliman-developed benchmarks for over 80 service categories, including post-acute services by diagnosis related group (DRG). Table 1 summarizes the detailed reports included in ACO Insight.

Report functionality

ACO Insight is unique in that it allows the user to control the various views of data presented. The user can filter data based on the time period, beneficiary enrollment type, region, or physician group. The entire interface will dynamically adjust to meet the needs of the user based on a simple and straightforward set of filters.

TABLE 1

Cost Models and Trends Dashboards	Beneficiary Level and Post-Acute Care Dashboards	DRG and Service Line Level Dashboards
<ul style="list-style-type: none"> • High Level Summary • Cost Summary • Cost Model • Cost Model Compare • Cost Model Adjustment • Leakage • Trends 	<ul style="list-style-type: none"> • Beneficiary Detail • Chronic Conditions • Post-Acute Summary • Inpatient Detail • Skilled Nursing Detail • Home Health Detail • Inpatient Rehab Detail 	<ul style="list-style-type: none"> • DRG Detail • Service Line Detail • ACSA-PSP Detail • Preventable ED Visits • End of Life Measures • Pharmacy Detail

This exhibit shows the front page of the product which includes the high level information on an ACO's population, including average costs by beneficiary status.

- High Level Summary
- Cost Summary
- Cost Model
- Cost Model Compare
- Cost Model Adjustment
- Leakage
- Trends
- Beneficiary Detail
- Chronic Conditions
- Post-Acute Summary
- Inpatient Detail
- Skilled Nursing Detail
- Home Health Detail
- Inpatient Rehab Detail
- DRG Detail
- Service Line Detail
- ACSA-PSP Detail
- Preventable ED Visits
- End of Life Measures
- Pharmacy Detail

Filters

Period Beginning in: 2018-01-01

Number of Months: 12

Date Period Selected: 01/01/2018 - 12/31/2018

Currently Assigned: Y

Assigned During Selected Period: Y

Beneficiary Status: Aged Non-Dual, Disabled, Aged Dual, ESRD

Institutionalized: Y

Provider Group: Group 4, Group 2, Group 10, Group 9, Group 7

Assigned Provider Region: Region 1, Region 2, Region 3

High Level Summary

Summary of the Selected Population by Enrollment Type

Beneficiary Status	Beneficiary Years	% of Total / Beneficiary Years	Average Age	Average Risk Score	Average Paid PBPY	% Contribution to Total Cost	Number of Beneficiaries Truncated	% of PBPY Truncated	Average Paid PBPY (Truncated)
Grand Total	6,566	100.0%	73	0.94	\$6,937	100.0%	131	0.8%	\$6,881
Aged Non-Dual	5,641	85.9%	75	0.90	\$6,462	80.0%	113	0.8%	\$6,413
Disabled	532	8.1%	56	1.00	\$7,580	8.9%	11	2.2%	\$7,412
Aged Dual	328	5.0%	76	1.52	\$9,660	7.0%	7	0.0%	\$9,660
ESRD	64	1.0%	69		\$29,549	4.1%	1	0.0%	\$29,549

Distribution of Total Population PBPY by Service Category and Beneficiary Status

Summary Statistics

Assigned During Selected Period

Beneficiary Years: 19,793

PBPY: \$7,031

Expenditures: \$139,158,774

Filtered Population

Beneficiary Years: 6,566 (33%)

PBPY: \$6,937 (99%)

Expenditures: \$45,546,920 (33%)

Current Selections

Assigned Patient (TI...): Y

Assigned Provider R...: Region 1

Clear

This exhibit provides prevalence and cost of chronic conditions. The user is able to select conditions for further exploration. A list of members with the selected condition(s) will display.

Chronic Conditions Summary

Prevalence of Conditions (Filter)

- Hypertension
- Hyperlipidemia
- No Conditions
- Diabetes
- RA/OA (Rheumatoid Arthrit...)
- Ischemic Heart Disease
- Chronic Kidney Disease
- Depressive Disorders
- Fibromyalgia, Chronic Pain...
- Atrial Fibrillation
- Asthma
- Anxiety Disorders
- Chronic Obstructive Pulmo...
- Heart Failure
- Osteoporosis
- Alzheimer's Disease and R...

Summary of Members with Selected Conditions

Condition Description	Beneficiary Years	Prevalence	Average Paid PBPY	Average Paid PPPY	Contribution to Total Spend
Grand Total	13,889		\$6,034	\$6,034	100.0%
Hypertension	6,752	48.6%	\$4,271	\$8,785	70.8%
Hyperlipidemia	4,968	35.8%	\$3,180	\$8,889	52.7%
RA/OA (Rheumatoid Arthri...	2,065	14.9%	\$1,924	\$12,941	31.9%
Chronic Kidney Disease	1,807	13.0%	\$1,880	\$14,445	31.1%
Diabetes	2,715	19.6%	\$1,820	\$9,311	30.2%
Ischemic Heart Disease	1,818	13.1%	\$1,767	\$13,497	29.3%
Atrial Fibrillation	1,038	7.5%	\$1,227	\$16,423	20.3%
Asthma	1,088	7.8%	\$1,212	\$15,465	20.1%
Depressive Disorders	631	4.5%	\$1,162	\$25,600	19.3%
Heart Failure	1,071	7.7%	\$1,099	\$14,252	18.2%
Fibromyalgia, Chronic Pai...	1,035	7.5%	\$1,070	\$14,360	17.7%
Anxiety Disorders	952	6.9%	\$975	\$14,226	16.2%
Alzheimer's Disease and R...	489	3.5%	\$829	\$23,535	13.7%



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