



Alaska Medicaid Coordinated Care Initiative

FY'18 Legislative Report

Report Date: November 7, 2018



This report includes all MedExpert engagement through the conclusion of fiscal year 2018.

KEY SUMMARY OF RESULTS

AMCCI Program Reductions	
Total Reduction in ER Visits	24,572
Total Reduction in Total Paid Amount for ER Visits	\$ 48,206,025.50
Total Reduction in Inpatient, Outpatient, and Professional Claims <i>Includes reduction in Total Paid Amount for ER Visits</i>	\$ 135,577,034.60

AMCCI Program Return	
Total MedExpert Fees	\$8,520,935.50
MedExpert Return on Investment	16: 1



MedExpert's **goal** is to make the AMCCI program a positive experience for everyone. MedExpert **guides members through the health care system** while working closely with the DHCS and medical community to improve the health and quality of life of Alaskans.

MedExpert assists members to get the health care they need in the appropriate setting. Our goal is to:

- *Improve health outcomes*
- *Foster healthy independent living*
- *Align care decisions with current evidence-based medicine*
- *Increase adherence to preventive care*
- *Reduce unnecessary utilization and spending*

SERVICES PROVIDED



- **Immediate access** to MedExpert staff
- Assistance to **understand** medical condition and treatment options
- Assistance to **understand** medications
- **Resolution** of health care problems and concerns
- **Information** about available health care resources
- Selection of **appropriate** health care settings
- Support to obtain and access the health care needed
- Assistance to make **appointments**
- Access to **community resources for transportation, food, housing, and other assistance**
- **Coordination with health care providers and community resources**
- **Encouragement and support** to live a healthy lifestyle
- **Care transition**

MEDEXPERT INTERVENTION

- MedExpert staff of Medical Information Coordinators and MedExpert Medical Directors, work with each Alaska Medicaid member for **as long as it takes** to solve that patient's situation.
- MedExpert addresses all 22,000+ medical conditions, 16,000+ pharmaceuticals in use, and 154,000 primary co-morbidities. Factoring the above combinations, **on any given day MedExpert can generate more than 220,000,000 different reports based on Evidence-Based Medicine.**

AMCCI Population

AMCCI ASSIGNMENT



Starting in December 2014, MedExpert has provided **case management and care coordination** services to **Alaska Medicaid members**, initially focusing on “super-utilizers.”

In September 2015, about 3,000 OCS children were added to the AMCCI program. These children are not included in this analysis.

In April 2016, the population was expanded to include superutilizers in addition to high utilization individuals and individuals with chronic conditions not currently offered case management services.

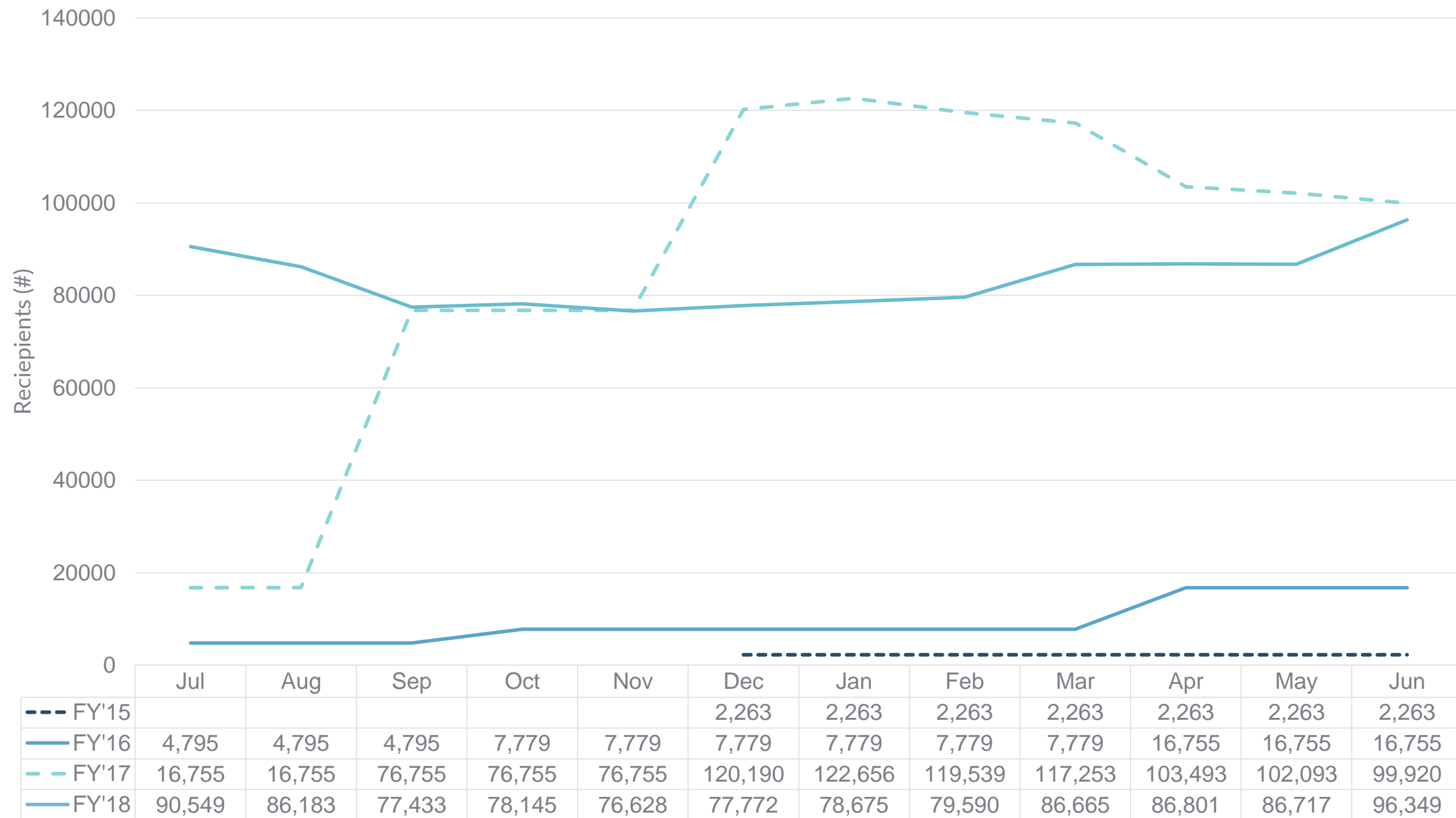
In FY’2017 services expanded to select additional Alaska Medicaid Members. By December 31, 2016, the program grew to roughly 120,000 individuals and remained roughly consistent through the end of FY’18.

The following exclusions persisted for the duration of the program:

Long Term Care, Hospice, Qualis, CMP, TCM, CAMA, Tribal Health Members, Eligibility, Released due to Insufficient Contact



ACTIVE RECIPIENTS PER MONTH



The above chart identifies the number of Alaska Medicaid Recipients who were active and for whom services were billed in each of the months. The following analysis accounts for all assigned recipients.



Activity

PARTICIPATION AND UTILIZATION

Member Engagement	
Unique AMCCI Members with a Successful Phone Engagement [1]	175,713
Total Touched Population [2]	217,818
Total Number of Encounters [3]	3,194,201
Average Number of Encounters Per Touched Member	14.6
Unique AMCCI Members with Complex Episodes [4]	2,425
Total Number of Episodes	11,027

Episode* Subjects	
Number of Unique Medical Subjects Discussed	1,785

[1] A touched individual is an assigned AMCCI AK Medicaid Member with: a successful phone call, confirmation of a voicemail, or a non-returned letter.

[2] The touched population includes member representatives and members that may no longer be eligible for AMCCI services.

[3] An encounter is the most granular level of exchange with or on behalf of a patient. An encounter can be a phone call, an email, an appointment, or any internal task such as report generation.

[4] Episodes contain multiple encounters. An episode is a series of discussions relating to one or multiple medical subjects lasting until a resolution or Plan of Care is determined.



MOST FREQUENT OUTCOMES

1	Coordinated care with multiple providers
2	Patient's decision to alter the treatment path using EBM
3	Avoided ER, made doctor visit
4	Avoided unnecessary provider visit
5	Adherence to treatment Plan conforming with EBM
6	Established new PCP relationship
7	Re-established provider relationship
8	Organized/Verified family friends/professionals were available as necessary
9	Organized availability of appropriate Meds
10	Avoided redundant scans/lab tests
11	Avoided ER, stayed at home
12	Avoided hospital stay
13	Educated provider using EBM causing alteration of treatment path
14	Identified drug interaction
15	Member agreed to and started smoking cessation program
16	Walking
17	Avoided procedure
18	Improved family relationships
19	Responsible for medications correct dosage and time
20	Member agreed to and started exercise program



TOP 100 UNIQUE MEDICAL SUBJECTS

Subject Name	%	Subject Name	%	Subject Name	%	Subject Name	%
1 Health Personnel	4.79%	26 Dyspnea	0.52%	51 Accidental Falls	0.36%	76 Postural Balance	0.25%
2 Medical Records	2.70%	27 Transportation of Patients	0.52%	52 Spinal Stenosis	0.35%	77 Arthritis	0.25%
3 Hypertension	1.89%	28 Edema	0.52%	53 Obesity, Morbid	0.35%	78 Hypercholesterolemia	0.25%
4 Diabetes Mellitus, Type 2	1.48%	29 Sciatica	0.51%	54 Food Habits	0.33%	79 Arthroplasty, Replacement, Hip	0.25%
5 Smoking Cessation	1.35%	30 Back Pain	0.49%	55 Asthma	0.33%	80 Multiple Sclerosis	0.24%
6 Chronic Pain	1.16%	31 Diet, Mediterranean	0.48%	56 Transportation	0.32%	81 Muscle Cramp	0.24%
7 Low Back Pain	1.13%	32 Knee Injuries	0.48%	57 Arthroplasty, Replacement, Knee	0.32%	82 Obesity	0.24%
8 Insurance Benefits	1.01%	33 Seizures	0.47%	58 Paresthesia	0.32%	83 Muscle Stretching Exercises	0.24%
9 Pulmonary Disease, Chronic Obstructive	0.90%	34 Diet, Carbohydrate-Restricted	0.47%	59 Brain Injuries	0.32%	84 Stress, Physiological	0.24%
10 Anti-Inflammatory Diet	0.88%	35 Sleep Initiation and Maintenance Disorders	0.47%	60 Fatigue	0.31%	85 Liver Cirrhosis	0.24%
11 Depression	0.83%	36 Weight Loss	0.46%	61 Urinary Tract Infections	0.31%	86 Medicine, Traditional	0.23%
12 Appointments and Schedules	0.80%	37 Radiculopathy	0.45%	62 Wounds and Injuries	0.31%	87 Irritable Bowel Syndrome	0.23%
13 Anxiety	0.79%	38 Arthritis, Rheumatoid	0.45%	63 Osteoporosis	0.30%	88 Abdominal Pain	0.23%
14 Magnesium	0.72%	39 Fibromyalgia	0.43%	64 Osteoarthritis, Spinal	0.30%	89 Intervertebral Disc Displacement	0.23%
15 Diabetes Mellitus	0.66%	40 Migraine Disorders	0.43%	65 Osteoarthritis	0.30%	90 Vomiting	0.22%
16 Peripheral Nervous System Diseases	0.64%	41 Pain Measurement	0.43%	66 Osteoarthritis, Hip	0.29%	91 Pneumonia	0.22%
17 Neck Pain	0.63%	42 Cough	0.43%	67 Memory Disorders	0.29%	92 Gout	0.22%
18 Hepatitis C	0.59%	43 Alcoholism	0.43%	68 Pain	0.29%	93 Hypothyroidism	0.21%
19 Narcotics	0.59%	44 Headache	0.42%	69 Heart Failure	0.28%	94 Sleep Apnea, Obstructive	0.21%
20 Bipolar Disorder	0.58%	45 Pain Management	0.42%	70 Spinal Fusion	0.28%	95 Opioid-Related Disorders	0.21%
21 Osteoarthritis, Knee	0.57%	46 Diarrhea	0.40%	71 Physical Therapy Specialty	0.26%	96 Dentists	0.20%
22 Gastroesophageal Reflux	0.56%	47 Diabetic Diet	0.39%	72 Myocardial Infarction	0.26%	97 Hypersensitivity	0.20%
23 Stress Disorders, Post-Traumatic	0.55%	48 Rotator Cuff	0.38%	73 Cataract	0.26%	98 Diet, Vegetarian	0.20%
24 Stroke	0.55%	49 Constipation	0.37%	74 Sleep Apnea Syndromes	0.26%	99 Vitamin D Deficiency	0.20%
25 Shoulder Pain	0.53%	50 Dental Care	0.37%	75 Physicians, Family	0.26%	100 Dizziness	0.20%

MedExpert has managed **1,785** unique medical subjects.



Analysis

REPORTING GROUPS

MedExpert reports results in three groups based on the length of time in the program

The ER results are presented by group and a summary of financial results follows with results calculated based on Inpatient, Outpatient, and Professional claims.



2015 Group

Individuals assigned to the AMCCI program and given access to MedExpert's services between December 26, 2014 and the end of July 2015



2016 Group

Individuals assigned to the AMCCI program and given access to MedExpert's services between March, 2016 and August 2016

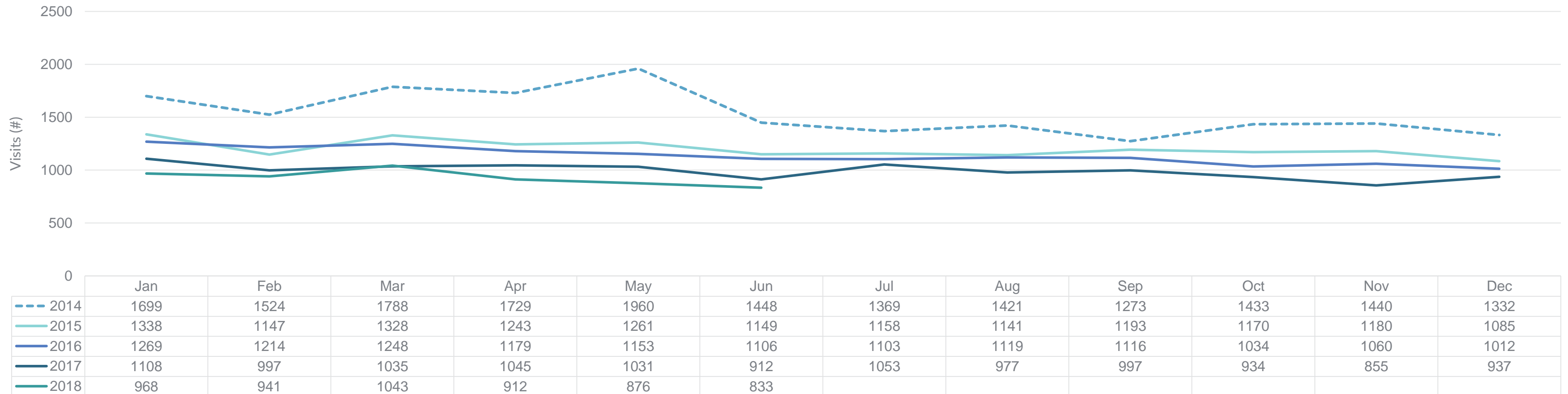


2017 Group

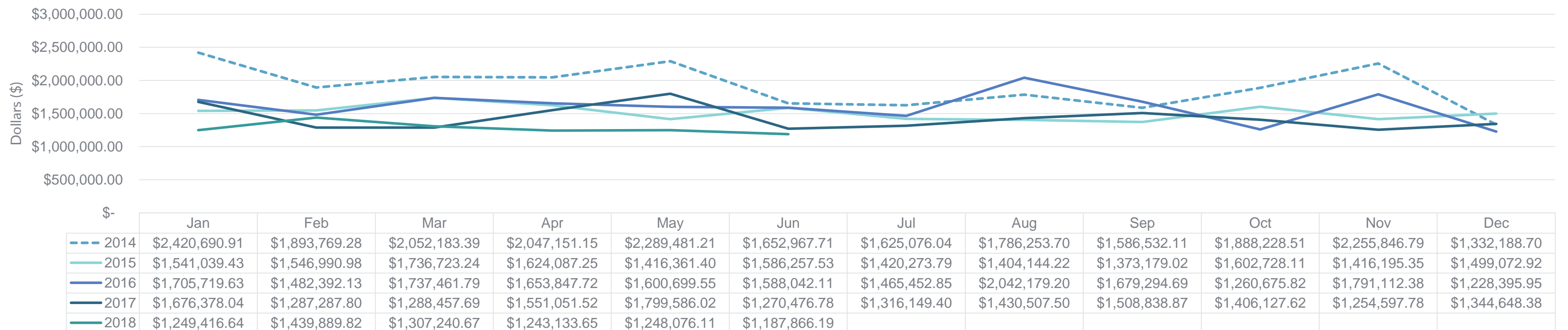
Individuals assigned to the AMCCI program and given access to MedExpert's services in September 2017 or later

2015 GROUP – ER COUNTS AND COST

Emergency Room Visits
Comparison of 2014 through 2018 Based on Service Date



Total Paid Amount for Emergency Room Visits
Comparison of 2014 through 2018 Based on Service Date

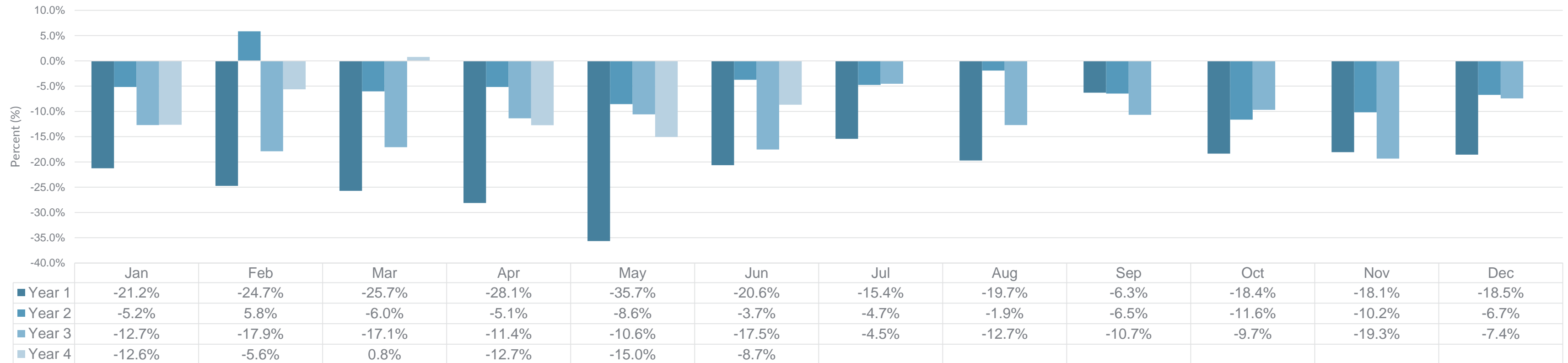


CPT4 Codes for Emergency Room visits include: 99281, 99282, 99283, 99284, 99285
Emergency Room Revenue codes include: 450 and 451

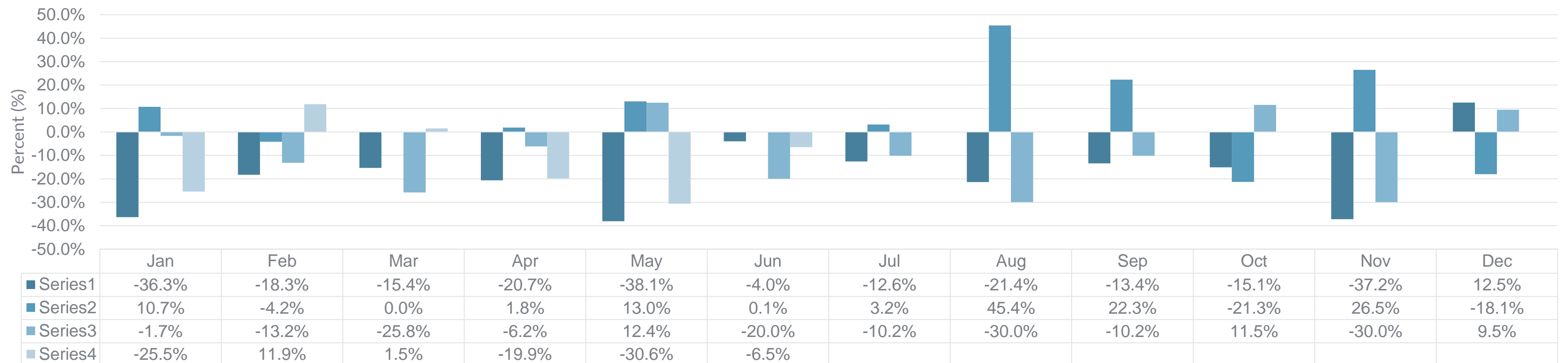


2015 GROUP – PERCENT CHANGE

Year over Year Change in Emergency Room Visits
Comparison of 2014 through 2018 Based on Service Date



Year over Year Change in Emergency Room Costs
Comparison of 2014 through 2018 Based on Service Date

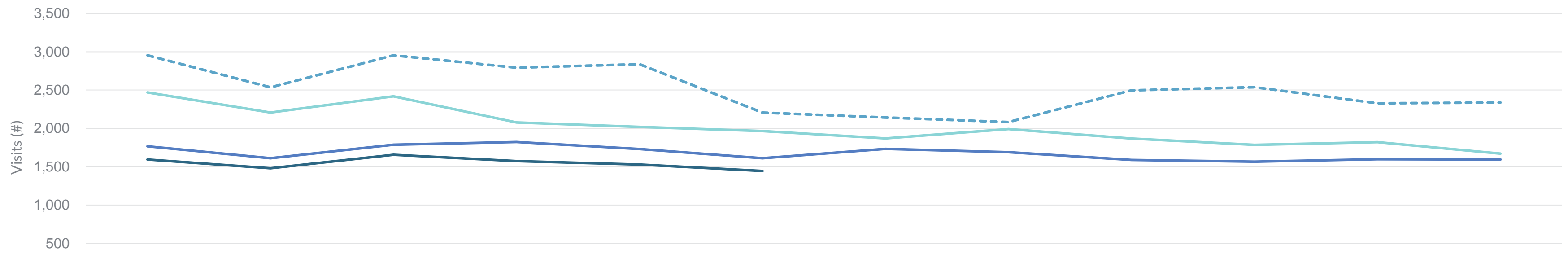


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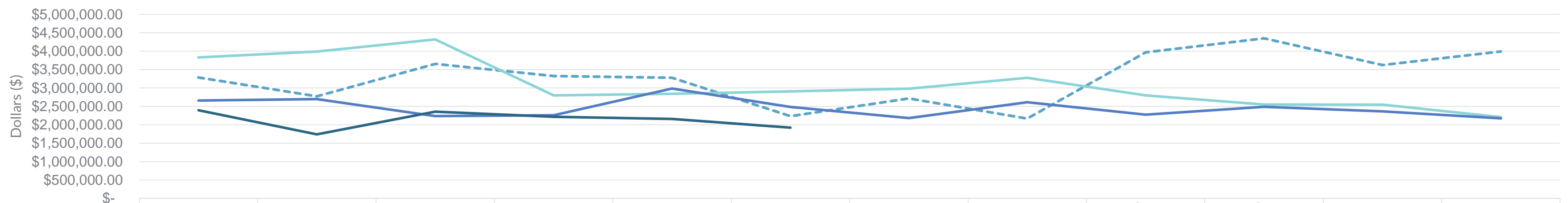
2016 GROUP – ER COUNTS AND COST

Emergency Room Visits
Comparison of 2015 through 2018 Based on Service Date



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
--- 2015	2,954	2,535	2,954	2,793	2,837	2,205	2,142	2,082	2,496	2,538	2,327	2,336
— 2016	2,469	2,206	2,418	2,076	2,019	1,965	1,868	1,991	1,867	1,784	1,820	1,670
— 2017	1,765	1,610	1,786	1,822	1,730	1,610	1,732	1,688	1,587	1,565	1,597	1,594
— 2018	1,593	1,479	1,655	1,573	1,528	1,444						

Total Paid Amount for Emergency Room Visits
Comparison of 2015 through 2018 Based on Service Date



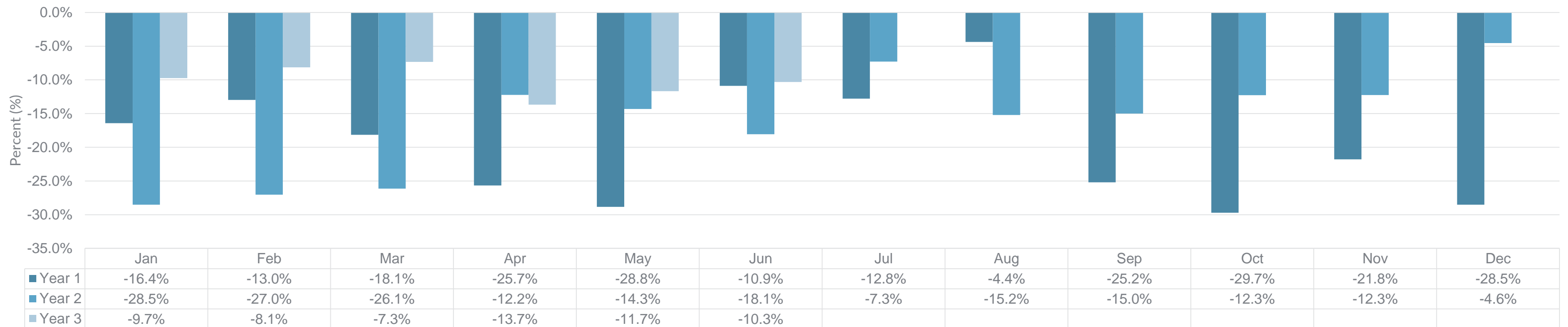
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
--- 2015	\$3,285,591.48	\$2,771,457.20	\$3,652,210.88	\$3,322,040.60	\$3,276,010.91	\$2,234,816.05	\$2,714,194.29	\$2,167,858.22	\$3,965,521.28	\$4,348,696.16	\$3,620,368.49	\$3,990,482.72
— 2016	\$3,827,964.63	\$3,986,550.35	\$4,319,341.88	\$2,797,974.34	\$2,840,805.80	\$2,906,527.82	\$2,978,721.46	\$3,274,928.31	\$2,799,171.73	\$2,550,882.17	\$2,543,980.18	\$2,208,524.62
— 2017	\$2,659,207.04	\$2,697,139.58	\$2,234,732.12	\$2,258,782.23	\$2,982,054.73	\$2,482,342.95	\$2,181,626.91	\$2,612,122.31	\$2,274,103.87	\$2,486,291.30	\$2,362,700.34	\$2,172,706.22
— 2018	\$2,394,688.31	\$1,737,123.66	\$2,357,262.99	\$2,214,109.69	\$2,157,677.26	\$1,922,520.29						

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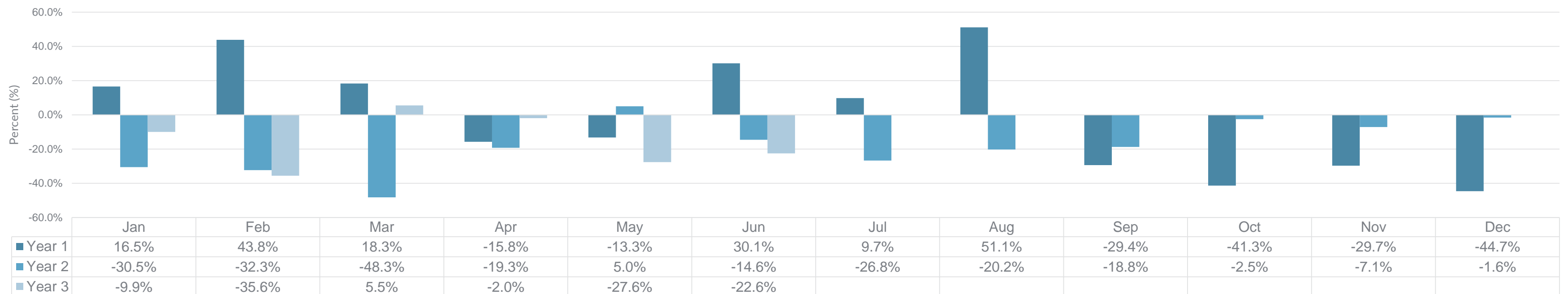


2016 GROUP – PERCENT CHANGE

Year over Year Change in Emergency Room Visits
Comparison of 2015 through 2018 Based on Service Date



Year over Year Change in Emergency Room Costs
Comparison of 2015 through 2018 Based on Service Date

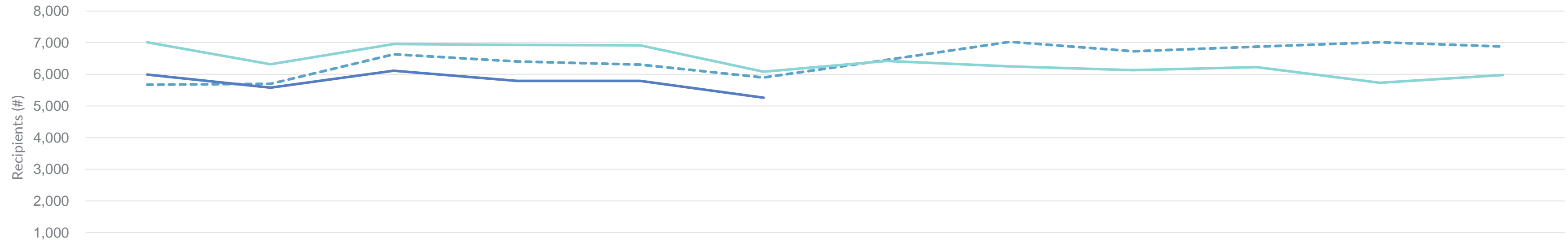


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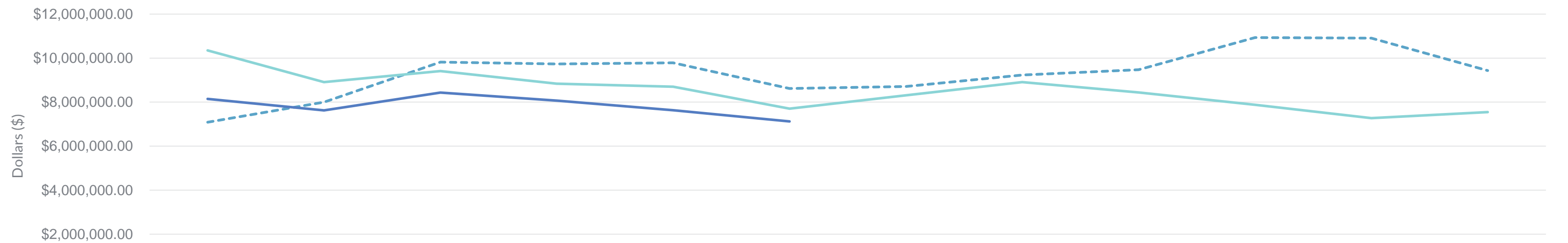
2017 GROUP – ER COUNTS AND COST

Emergency Room Visits
Comparison of 2016 through 2018 Based on Service Date



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	5,672	5,699	6,631	6,406	6,306	5,901	6,457	7,028	6,726	6,872	7,015	6,878
2017	7,010	6,316	6,957	6,930	6,914	6,083	6,422	6,250	6,132	6,225	5,735	5,977
2018	5,991	5,578	6,112	5,794	5,793	5,264						

Total Paid Amount for Emergency Room Visits
Comparison of 2016 through 2018 Based on Service Date



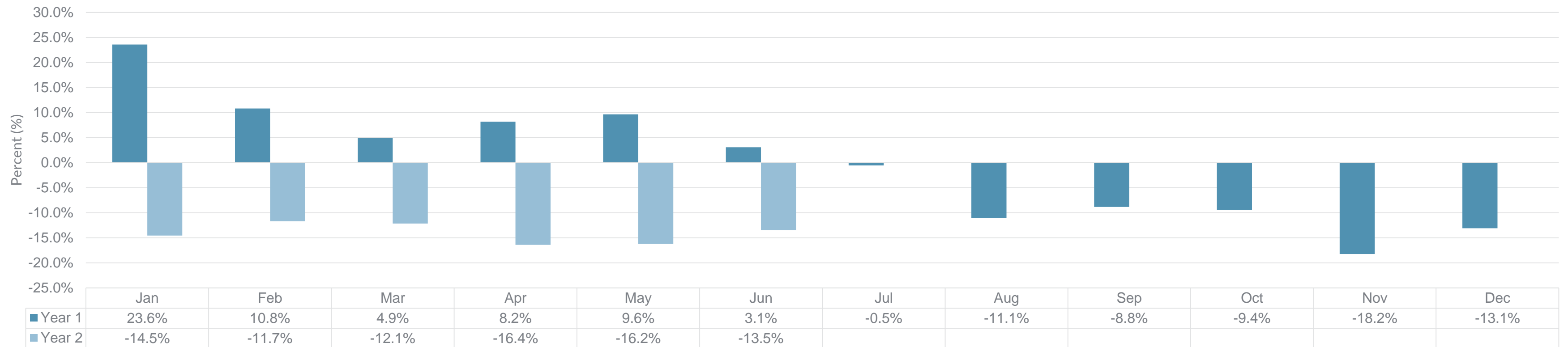
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2016	\$7,086,478.76	\$8,001,567.22	\$9,816,562.10	\$9,734,725.29	\$9,789,831.80	\$8,618,284.97	\$8,709,115.20	\$9,233,253.52	\$9,471,459.28	\$10,934,247.8	\$10,905,477.9	\$9,433,299.00
2017	\$10,351,723.5	\$8,908,210.30	\$9,414,323.38	\$8,836,861.49	\$8,700,618.36	\$7,703,666.50	\$8,308,021.16	\$8,911,582.99	\$8,437,548.72	\$7,878,914.16	\$7,269,906.81	\$7,547,244.28
2018	\$8,143,558.72	\$7,627,034.45	\$8,433,749.30	\$8,066,018.21	\$7,629,156.37	\$7,122,049.39						

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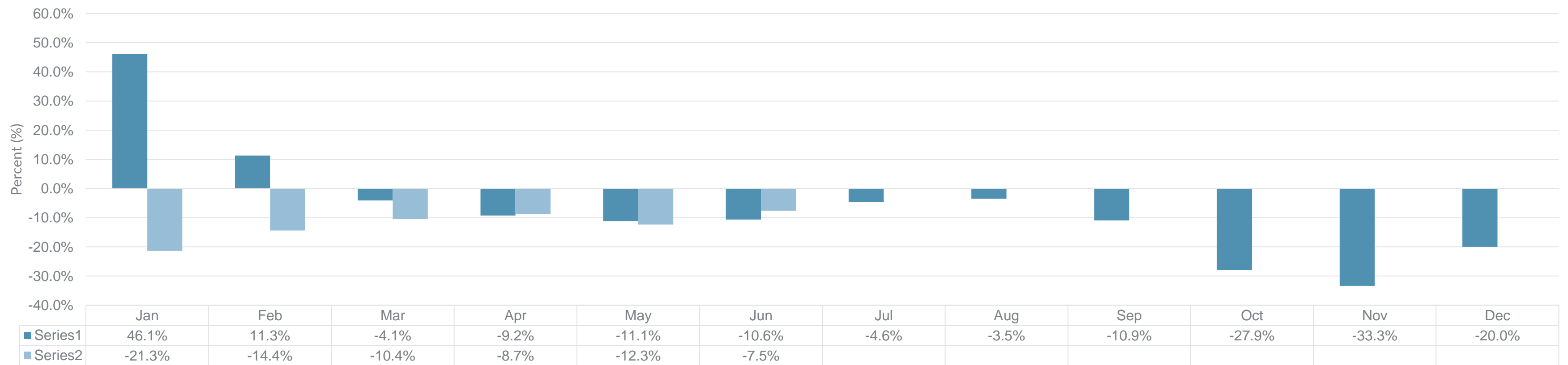


2017 GROUP – PERCENT CHANGE

Year over Year Change in Emergency Room Visits
Comparison of 2016 through 2018 Based on Service Date



Year over Year Change in Emergency Room Costs
Comparison of 2016 through 2018 Based on Service Date



Financial Results

IMPACT BY CLAIM TYPE

- MedExpert’s function is to assist AK Medicaid members in coordinating and identifying appropriate care.
- Inpatient, Outpatient, and Professional claims are the best indicators of MedExpert’s affect on a population and will be used in the following slides to calculate savings.
- The work conducted with members affects all claim types, classified into three levels of impact to the right.

Abbreviation	Claim Type
A	Part A Crossover
B	Part B Crossover
C	Part B UB Crossover
D	Dental
E	FQHC RHC Tribal Clinics
H	Hospice
I	Inpatient
J	Targeted Case Mgt School Based Services
K	Personal Care Services
L	Independent Lab and X-ray Services
N	Long Term Care
O	Outpatient
P	Professional
R	Pharmacy Claims
S	Durable Medical Equipment
T	Transportation Services
U	Mental Health
V	Home Health
W	HCBS Waiver Claims

	Tertiary impact as
	Secondary impact occurring during care coordination
	Primary impact

COST BY ASSIGNMENT GROUP

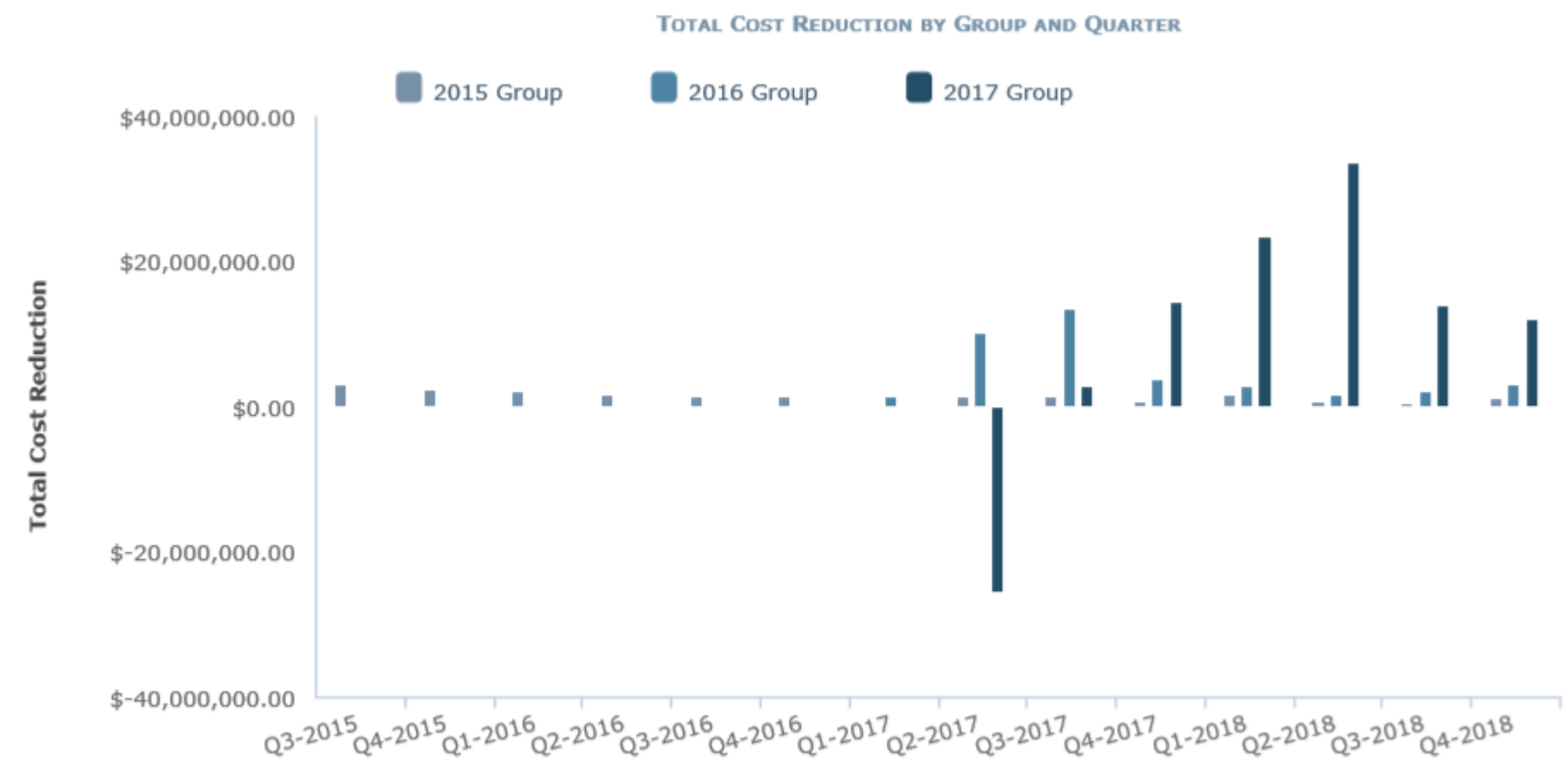
This table shows total costs for all Inpatient, Outpatient, and Professional claims for each assignment group. Costs are shown based on service start date and grouped by quarter of the State Fiscal Year (SFY). Costs are only shown for quarters after MedExpert began working with the population. Year over year cost reductions are calculated by comparing the total costs for the quarter to the total costs from the corresponding quarter of the previous fiscal year. Due to claim lag, costs in the most recent quarter are preliminary and will change once additional claims with service dates within the quarter are paid and subsequently received by MedExpert

	Assignment Group			Total
	2015 Group [a]	2016 Group [b]	2017 Group [c]	
SFY 2015				
Q3	\$12,853,498.37	--	--	\$12,853,498.37
Q4	\$12,140,504.11	--	--	\$12,140,504.11
SFY 2016				
Q1	\$10,925,660.50	--	--	\$10,925,660.50
Q2	\$10,859,615.84	--	--	\$10,859,615.84
Q3	\$11,250,268.46	--	--	\$11,250,268.46
Q4	\$10,668,594.25	\$22,810,659.09	--	\$33,479,253.34
SFY 2017				
Q1	\$10,888,163.38	\$22,022,629.10	--	\$32,910,792.48
Q2	\$9,471,437.84	\$18,728,583.95	\$107,793,730.61	\$135,993,752.40
Q3	\$9,867,039.13	\$19,184,265.73	\$95,441,259.79	\$124,492,564.65
Q4	\$9,867,411.96	\$18,979,857.95	\$85,633,810.07	\$114,481,079.98
SFY 2018				
Q1	\$9,198,399.63	\$19,147,831.31	\$82,643,765.98	\$110,989,996.92
Q2	\$8,578,959.36	\$16,800,278.42	\$73,953,472.05	\$99,332,709.83
Q3	\$9,463,860.28	\$16,960,517.73	\$81,329,382.90	\$107,753,760.91
Q4	\$8,637,130.76	\$15,732,789.19	\$73,409,763.29	\$97,779,683.24

YEAR OVER YEAR COST REDUCTION BY GROUP

	Assignment Group			Total
	2015 Group [a]	2016 Group [b]	2017 Group [c]	
SFY 2015				
Q3	\$3,241,711.44	--	--	\$3,241,711.44
Q4	\$2,393,493.47	--	--	\$2,393,493.47
SFY 2016				
Q1	\$2,041,092.59	--	--	\$2,041,092.59
Q2	\$1,992,489.03	--	--	\$1,992,489.03
Q3	\$1,603,229.91	--	--	\$1,603,229.91
Q4	\$1,471,909.86	\$325,460.34	--	\$1,797,370.20
SFY 2017				
Q1	\$37,497.12	\$1,590,457.12	--	\$1,627,954.24
Q2	\$1,388,178.00	\$10,333,233.11	(\$25,609,899.28)	(\$13,888,488.17)
Q3	\$1,383,229.33	\$13,465,505.96	\$2,736,514.33	\$17,585,249.62
Q4	\$801,182.29	\$3,830,801.14	\$14,334,809.52	\$18,966,792.95
SFY 2018				
Q1	\$1,689,763.75	\$2,874,797.79	\$23,550,334.73	\$28,114,896.27
Q2	\$892,478.48	\$1,928,305.53	\$33,840,258.56	\$36,661,042.57
Q3	\$403,178.85	\$2,223,748.00	\$14,111,876.89	\$16,738,803.74
Q4	\$1,230,281.20	\$3,247,068.76	\$12,224,046.78	\$16,701,396.74

	Quarter				Total
	Q1 (Jul-Sep)	Q2 (Oct-Dec)	Q3 (Jan-Mar)	Q4 (Apr-Jun)	
SFY 2015	--	--	\$3,241,711.44	\$2,393,493.47	\$5,635,204.91
SFY 2016	\$2,041,092.59	\$1,992,489.03	\$1,603,229.91	\$1,797,370.20	\$7,434,181.73
SFY 2017	\$1,627,954.24	(\$13,888,488.17)	\$17,585,249.62	\$18,966,792.95	\$24,291,508.64
SFY 2018	\$28,114,896.27	\$36,661,042.57	\$16,738,803.74	\$16,701,396.74	\$98,216,139.32
Total	\$31,783,943.10	\$24,765,043.43	\$39,168,994.71	\$39,859,053.36	\$135,577,034.60



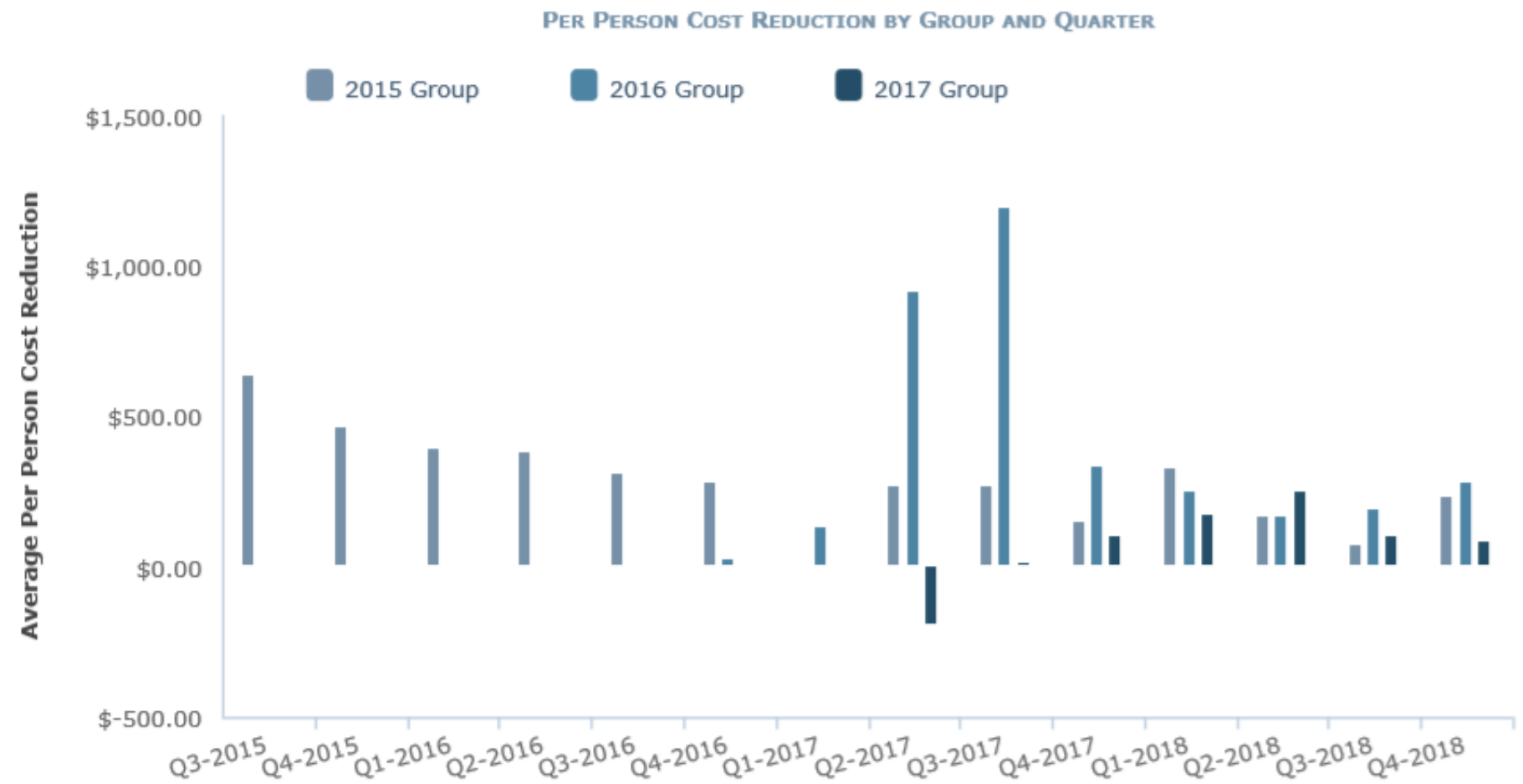
PER PERSON COST BY ASSIGNMENT GROUP

This table shows per person costs for all Inpatient, Outpatient, and Professional claims for each assignment group. Costs are shown based on service start date and grouped by quarter of the State Fiscal Year (SFY). Costs are only shown for quarters after MedExpert began working with the population. Year over year per person cost reductions are calculated by comparing the total per person costs for the quarter to the total per person costs from the corresponding quarter of the previous fiscal year. For all assignment groups and all quarters, the total number of people ever assigned to the group is used as the group size. Due to claim lag, costs in the most recent quarter are preliminary and will change once additional claims with service dates within the quarter are paid and subsequently received by MedExpert.

	Assignment Group			Total
	2015 Group [a]	2016 Group [b]	2017 Group [c]	
SFY 2015				
Q3	\$2,516.84	--	--	\$2,516.84
Q4	\$2,377.23	--	--	\$2,377.23
SFY 2016				
Q1	\$2,139.35	--	--	\$2,139.35
Q2	\$2,126.42	--	--	\$2,126.42
Q3	\$2,202.91	--	--	\$2,202.91
Q4	\$2,089.01	\$2,031.23	--	\$2,049.29
SFY 2017				
Q1	\$2,132.01	\$1,961.05	--	\$2,014.49
Q2	\$1,854.60	\$1,667.73	\$803.20	\$903.35
Q3	\$1,932.06	\$1,708.31	\$711.15	\$826.96
Q4	\$1,932.13	\$1,690.10	\$638.08	\$760.45
SFY 2018				
Q1	\$1,801.14	\$1,705.06	\$615.80	\$737.26
Q2	\$1,679.84	\$1,496.02	\$551.04	\$659.83
Q3	\$1,853.12	\$1,510.29	\$606.00	\$715.77
Q4	\$1,691.23	\$1,400.96	\$546.99	\$649.51

PER PERSON YEAR OVER YEAR COST REDUCTION BY GROUP

	Assignment Group			Total
	2015 Group [a]	2016 Group [b]	2017 Group [c]	
SFY 2015				
Q3	\$634.76	--	--	\$634.76
Q4	\$468.67	--	--	\$468.67
SFY 2016				
Q1	\$399.67	--	--	\$399.67
Q2	\$390.15	--	--	\$390.15
Q3	\$313.93	--	--	\$313.93
Q4	\$288.21	\$28.98	--	\$110.02
SFY 2017				
Q1	\$7.34	\$141.63	--	\$99.65
Q2	\$271.82	\$920.15	(\$190.83)	(\$92.26)
Q3	\$270.85	\$1,199.07	\$20.39	\$116.81
Q4	\$156.88	\$341.12	\$106.81	\$125.99
SFY 2018				
Q1	\$330.87	\$255.99	\$175.48	\$186.76
Q2	\$174.76	\$171.71	\$252.15	\$243.53
Q3	\$78.95	\$198.02	\$105.15	\$111.19
Q4	\$240.90	\$289.14	\$91.08	\$110.94



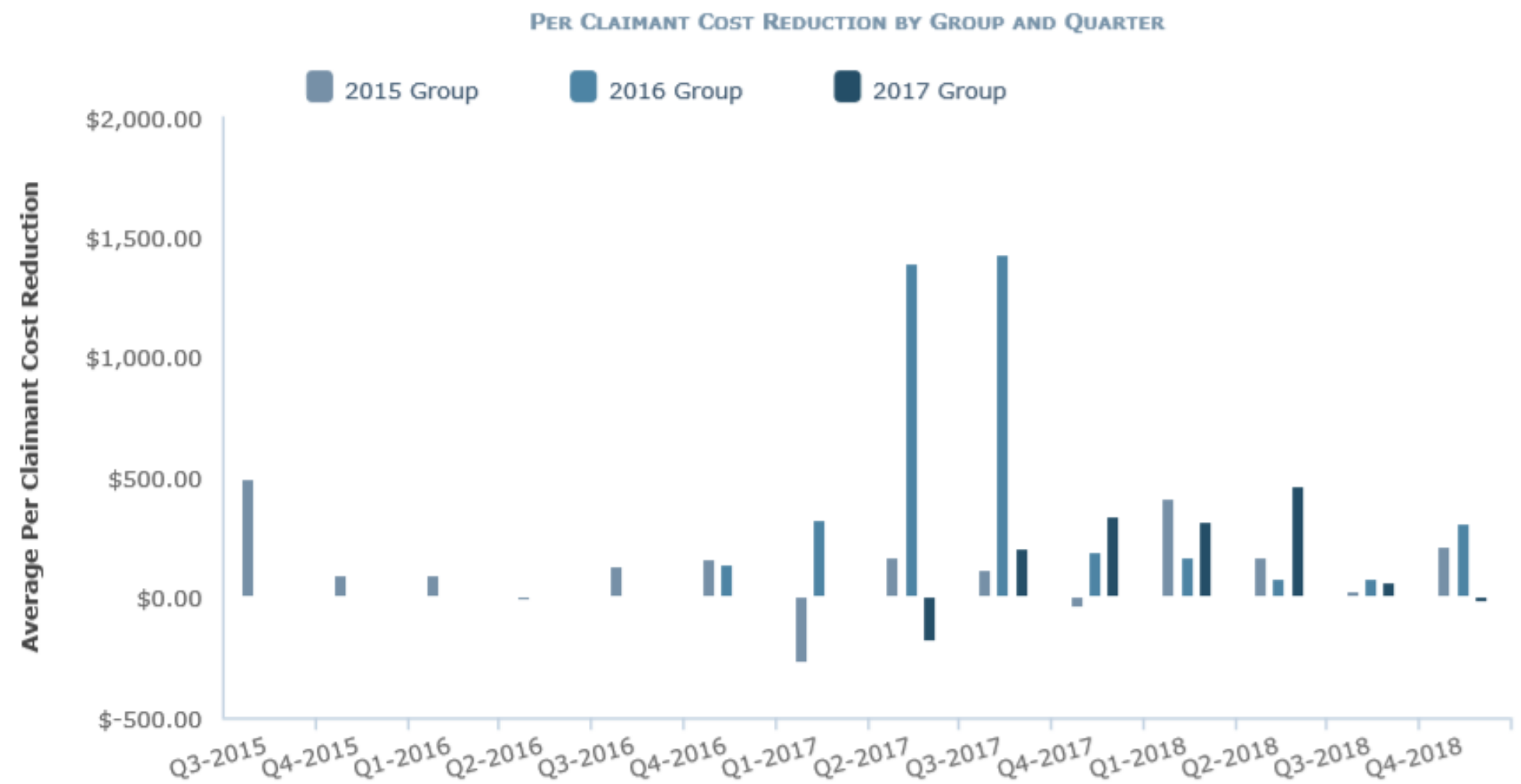
PER CLAIMANT COST BY ASSIGNMENT GROUP

	Claimants			Total	Costs			Total
	2015 Group [a]	2016 Group [b]	2017 Group [c]		2015 Group	2016 Group	2017 Group	
SFY 2015								
Q3	3,598	--	--	3,598	\$3,572.40	--	--	\$3,572.40
Q4	3,371	--	--	3,371	\$3,601.45	--	--	\$3,601.45
SFY 2016								
Q1	3,247	--	--	3,247	\$3,364.85	--	--	\$3,364.85
Q2	3,141	--	--	3,141	\$3,457.38	--	--	\$3,457.38
Q3	3,268	--	--	3,268	\$3,442.55	--	--	\$3,442.55
Q4	3,105	6,063	--	9,168	\$3,435.94	\$3,762.27	--	\$3,651.75
SFY 2017								
Q1	2,999	5,810	--	8,809	\$3,630.60	\$3,790.47	--	\$3,736.04
Q2	2,884	5,558	50,890	59,332	\$3,284.13	\$3,369.66	\$2,118.17	\$2,292.08
Q3	2,971	5,610	51,153	59,734	\$3,321.12	\$3,419.66	\$1,865.80	\$2,084.12
Q4	2,845	5,312	48,176	56,333	\$3,468.33	\$3,573.02	\$1,777.52	\$2,032.22
SFY 2018								
Q1	2,856	5,285	47,447	55,588	\$3,220.73	\$3,623.05	\$1,741.81	\$1,996.65
Q2	2,755	5,107	44,645	52,507	\$3,113.96	\$3,289.66	\$1,656.48	\$1,891.80
Q3	2,869	5,080	45,272	53,221	\$3,298.66	\$3,338.68	\$1,796.46	\$2,024.65
Q4	2,654	4,812	40,999	48,465	\$3,254.38	\$3,269.49	\$1,790.52	\$2,017.53

This tables shows per claimant costs for all Inpatient, Outpatient, and Professional claims for each assignment group. Costs are shown based on service start date and grouped by quarter of the State Fiscal Year (SFY). Costs are only shown for quarters after MedExpert began working with the population. Year over year per claimant cost reductions are calculated by comparing the total per claimant costs for the quarter to the total per claimant costs from the corresponding quarter of the previous fiscal year. For all assignment groups and all quarters, the total number of people ever assigned to the group is used as the group size. Due to claim lag, costs in the most recent quarter are preliminary and will change once additional claims with service dates within the quarter are paid and subsequently received by MedExpert.

PER CLAIMANT YEAR OVER YEAR COST REDUCTION BY ASSIGNMENT GROUP

	Assignment Group			Total
	2015 Group [a]	2016 Group [b]	2017 Group [c]	
SFY 2015				
Q3	\$496.16	--	--	\$496.16
Q4	\$98.65	--	--	\$98.65
SFY 2016				
Q1	\$97.57	--	--	\$97.57
Q2	(\$7.15)	--	--	(\$7.15)
Q3	\$129.85	--	--	\$129.85
Q4	\$165.51	\$139.92	--	\$141.43
SFY 2017				
Q1	(\$265.75)	\$323.31	--	\$107.15
Q2	\$173.24	\$1,387.55	(\$182.11)	\$69.77
Q3	\$121.44	\$1,432.44	\$204.72	\$390.50
Q4	(\$32.39)	\$189.26	\$333.88	\$329.06
SFY 2018				
Q1	\$409.87	\$167.42	\$321.13	\$310.76
Q2	\$170.17	\$80.01	\$461.69	\$400.28
Q3	\$22.46	\$80.97	\$69.34	\$59.47
Q4	\$213.95	\$303.52	(\$13.01)	\$14.69



MEDEXPERT ROI

Cost Reductions and MedExpert Fees by Fiscal Year

	Reductions	MedExpert Fees
SFY 2015	\$5,635,204.91	\$60,987.85
SFY 2016	\$7,434,181.73	\$428,597.40
SFY 2017	\$24,291,508.64	\$4,038,338.15
SFY 2018	\$98,215,875.55	\$3,855,801.95

Overall MedExpert ROI

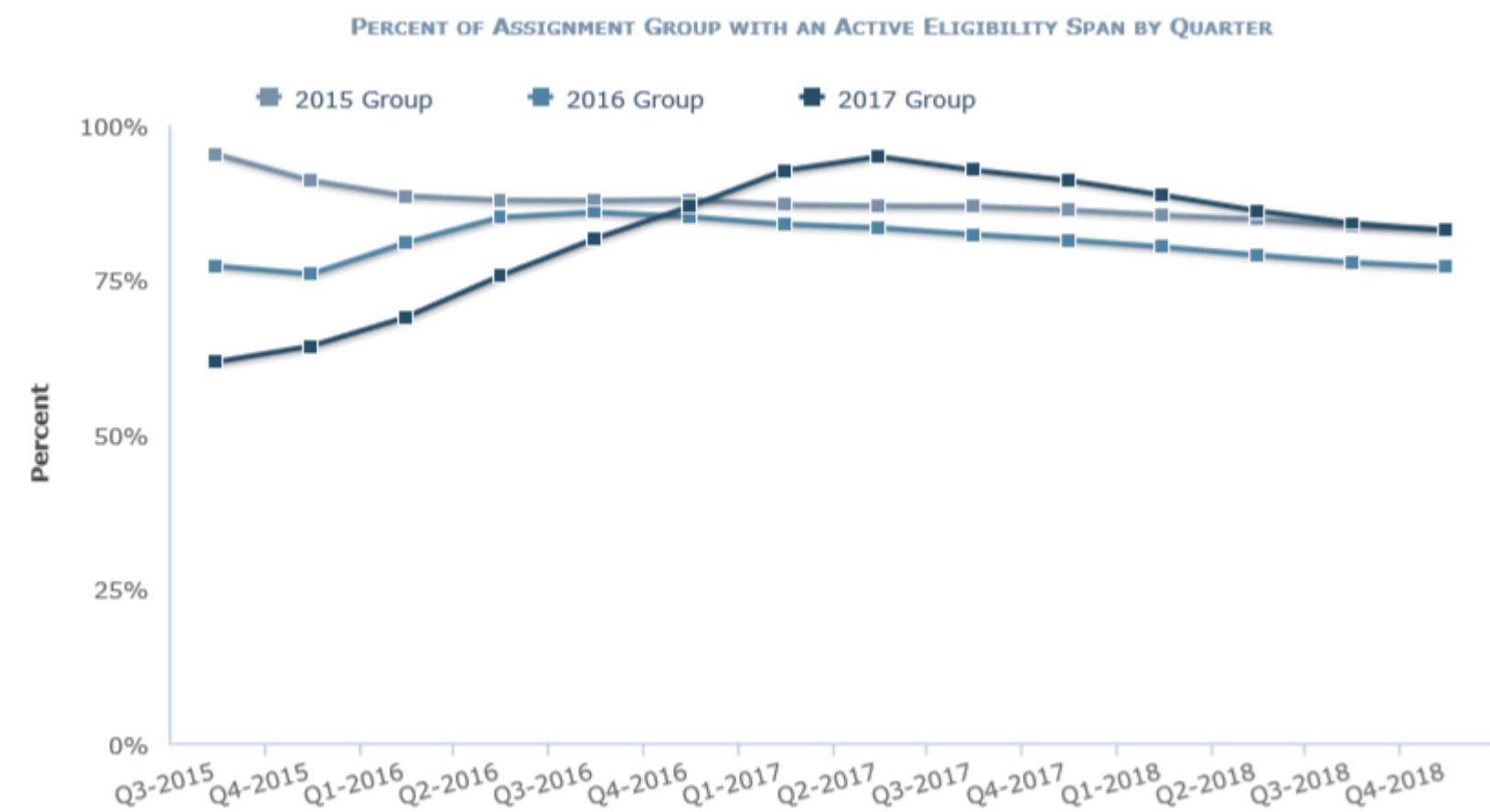
Total Reductions	\$135,576,770.83
Total MedExpert Fees	\$8,383,725.35
ROI	16 : 1

Appendix

AMCCI POPULATION STABILITY

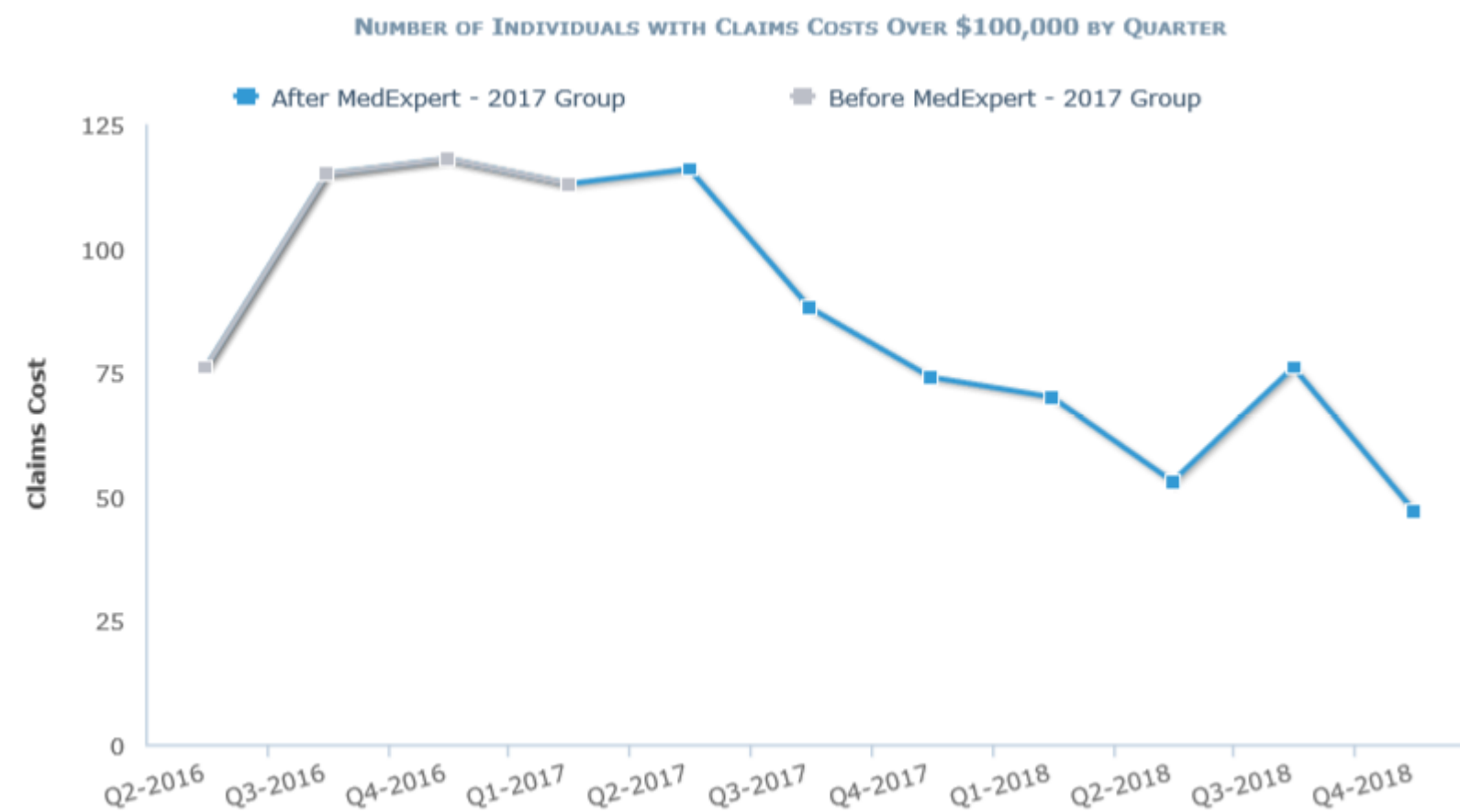
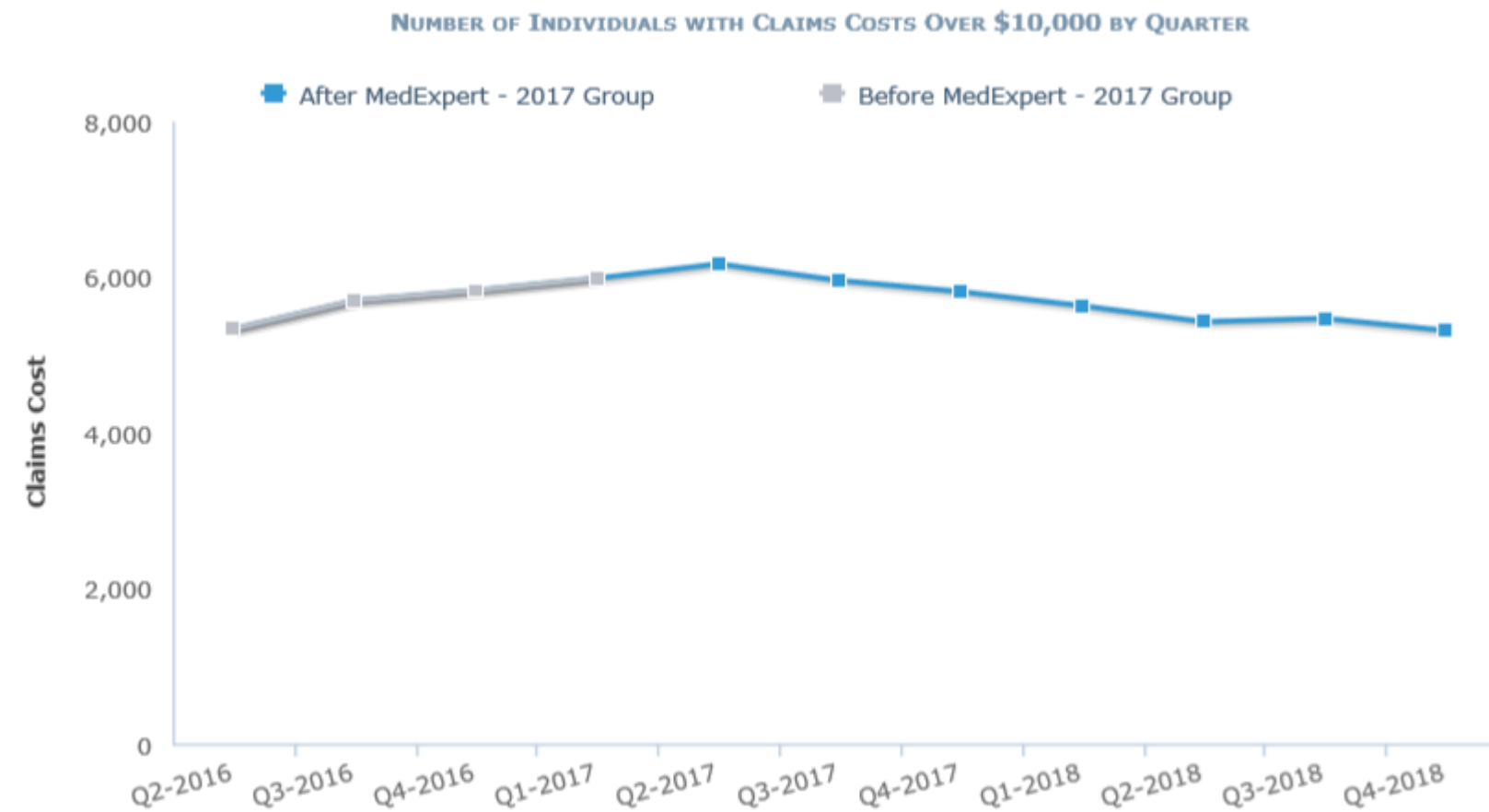
	2015 Group [a]	2016 Group [b]	2017 Group [c]
SFY 2015			
Q3	95.28%	77.17%	61.65%
Q4	91.01%	75.88%	64.20%
SFY 2016			
Q1	88.53%	80.92%	68.85%
Q2	87.84%	85.07%	75.56%
Q3	87.76%	85.88%	81.58%
Q4	87.94%	85.16%	86.78%
SFY 2017			
Q1	87.08%	83.95%	92.62%
Q2	86.92%	83.38%	94.90%
Q3	86.84%	82.29%	92.71%
Q4	86.25%	81.40%	91.03%
SFY 2018			
Q1	85.43%	80.28%	88.66%
Q2	84.75%	78.94%	86.11%
Q3	83.67%	77.76%	84.11%
Q4	83.12%	77.01%	82.93%
Average	87.32%	81.08%	82.26%
Minimum	83.12%	75.88%	61.65%

The table and graph below display the percent of all individuals assigned to a particular group who had an active eligibility span within the given State Fiscal Year (SFY) quarter. The 2015 and 2016 assignment groups show stability in the population over time, while the 2017 assignment group shows an overall increase during this time period due to the expansion of the Alaska DHCS Medicaid program.



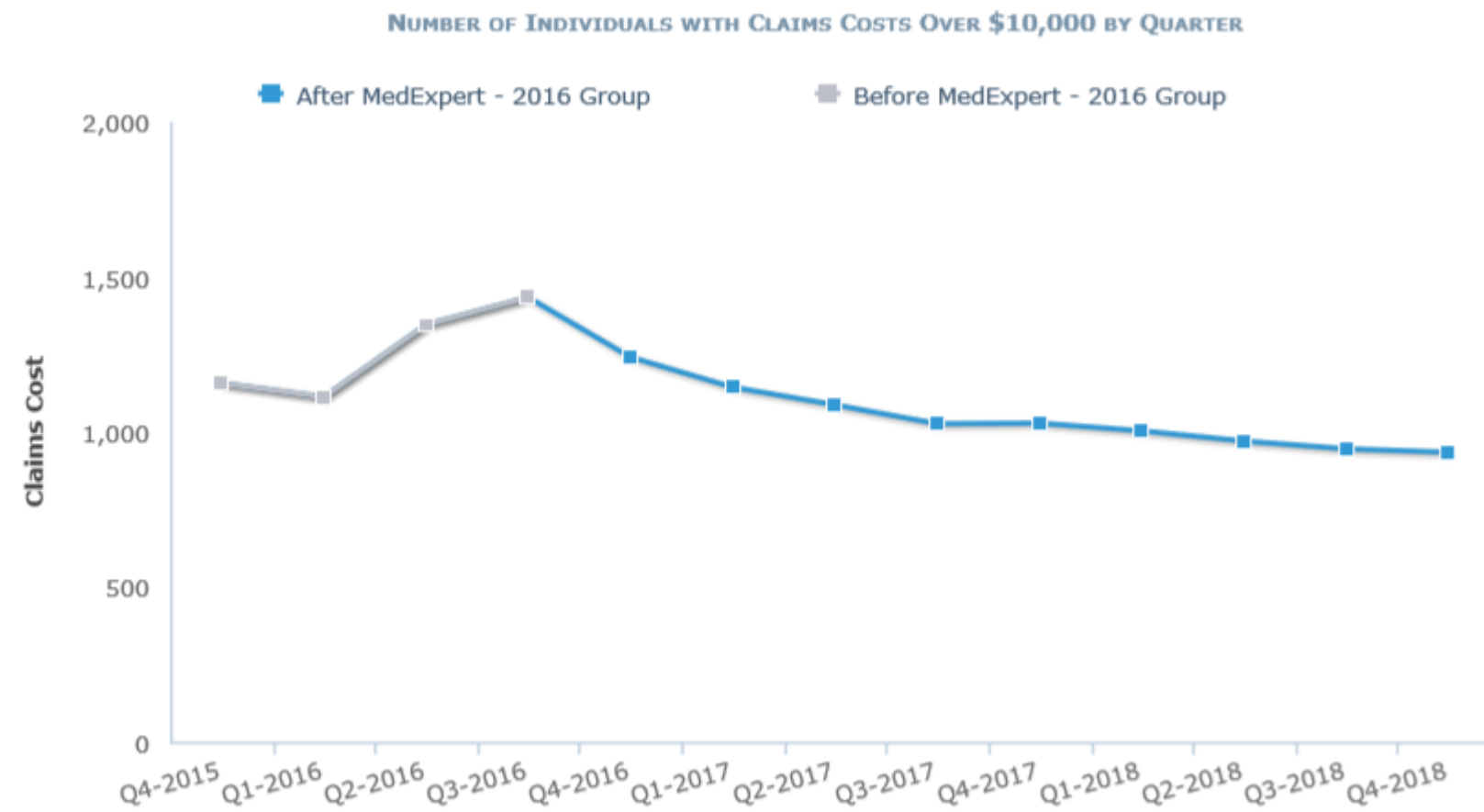
NUMBER OF HIGH COST INDIVIDUALS BY QUARTER FOR 2015 GROUP

	Over \$10,000	Over \$100,000
SFY 2014		
Q3	733	15
Q4	735	11
SFY 2015		
Q1	623	13
Q2	610	12
Q3	577	12
Q4	587	13
SFY 2016		
Q1	514	17
Q2	512	12
Q3	547	8
Q4	507	14
SFY 2017		
Q1	495	16
Q2	457	13
Q3	480	12
Q4	477	16
SFY 2018		
Q1	454	14
Q2	416	11
Q3	459	14
Q4	441	11



NUMBER OF HIGH COST INDIVIDUALS BY QUARTER FOR 2016 GROUP

	Over \$10,000	Over \$100,000
SFY 2015		
Q4	1,156	28
SFY 2016		
Q1	1,112	33
Q2	1,345	42
Q3	1,434	50
Q4	1,241	30
SFY 2017		
Q1	1,144	36
Q2	1,087	21
Q3	1,026	25
Q4	1,028	19
SFY 2018		
Q1	1,003	24
Q2	970	20
Q3	945	18
Q4	934	13



NUMBER OF HIGH COST INDIVIDUALS BY QUARTER FOR 2017 GROUP

	Over \$10,000	Over \$100,000
SFY 2016		
Q2	5,331	76
Q3	5,698	115
Q4	5,827	118
SFY 2017		
Q1	5,985	113
Q2	6,170	116
Q3	5,956	88
Q4	5,813	74
SFY 2018		
Q1	5,631	70
Q2	5,426	53
Q3	5,469	76
Q4	5,313	47

