

QUARTERLY EDIE ANALYTICS DASHBOARDS

Presented: May 28, 2019
For the Period: Q1 2018 - Q4 2018

The reports contained within are a companion to the annual EDIE Report produced by Apprise Health Insights for the Oregon Health Leadership Council. Please refer to that report for more detail on some of the metrics used in these dashboards (e.g. High Utilizers, Joiners, Leavers, Stayers, etc.).

These reports combine two sources of data: real-time emergency department data from Collective Medical Technologies (EDIE) with more detailed emergency department discharge data from Apprise Health Insights (INFOH).

A “High Utilizer” is defined as a patient who seeks medical attention specifically at an emergency department five or more times a year.

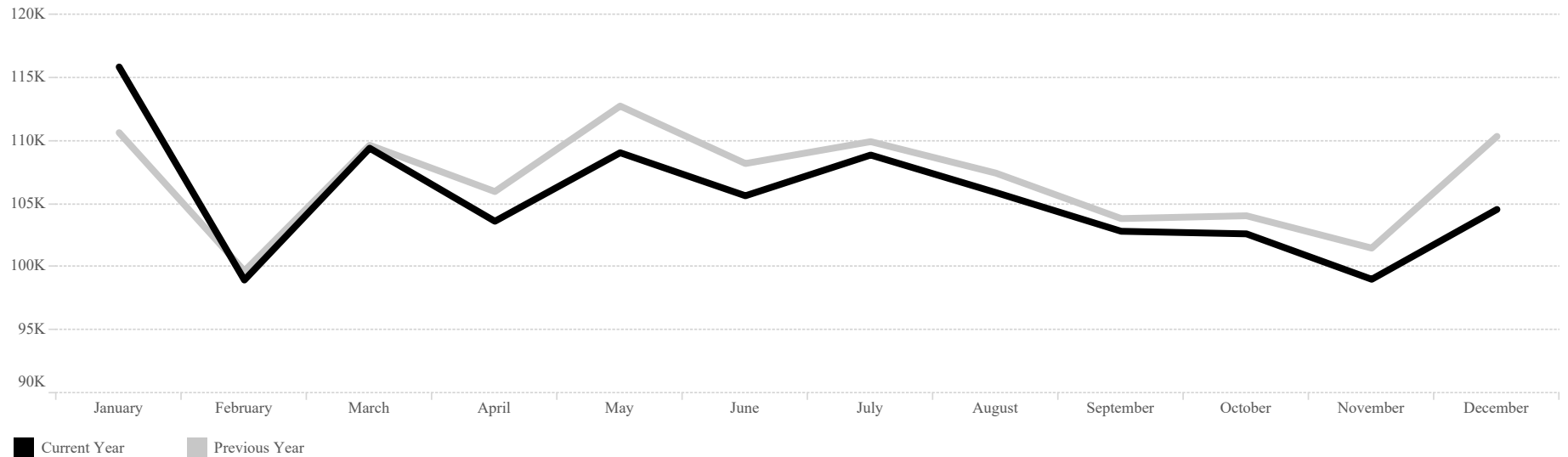
Quick Facts

- The total number of ED visits **fell by 1.4%**
- The number of High Utilizer visits **fell by 5.2%**
- Co-morbid Mental Health related visits **increased by 1.4%**
- Co-morbid Substance Use Disorder related visits **decreased by 4%**
- Potentially Avoidable visits from High Utilizers **decreased by 11.2%**
- **Visits decreased by 31%** in the 90 days following an initial care guideline

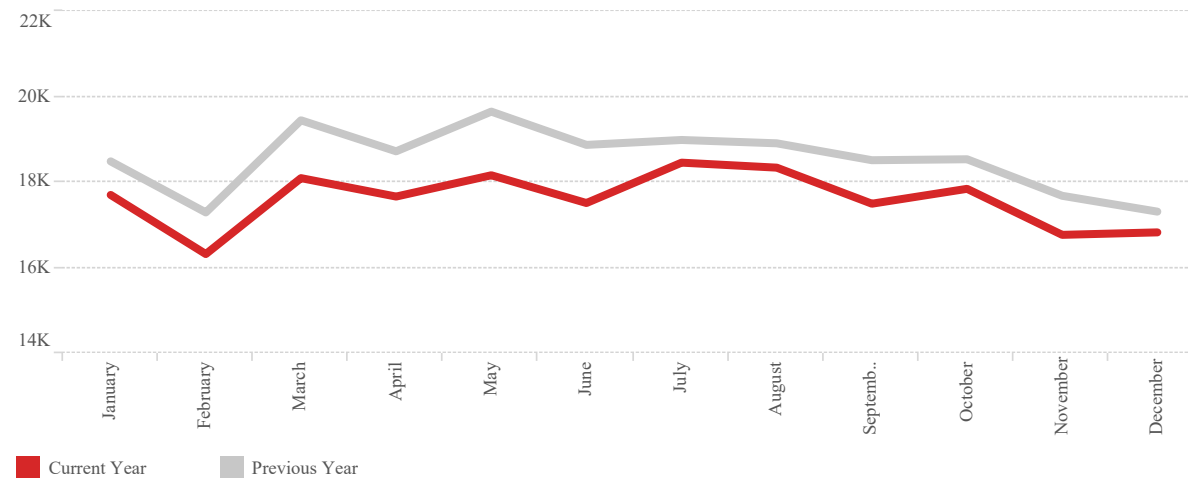
Q1 2018 - Q4 2018 EDIE DASHBOARD

UTILIZATION AND MOVEMENT

Number of Emergency Department Visits in Oregon
(Current Year vs Previous Year)



High Utilization Group Visits
(Current Year vs Previous Year)



Noteworthy Trends:

The number of total ED visits fell by 1.4% compared to the same time period last year.

1,284,356 - Total ED visits in FY 2017

1,266,686 - Total ED visits in FY 2018

The number of high utilizer visits fell by 5.2% compared to the same time period last year.

222,399 - Total high utilizer ED visits in FY 2017

211,179 - Total high utilizer ED visits in FY 2018

The average high utilizer patient visited an ED 7.6 times in FY 2018.

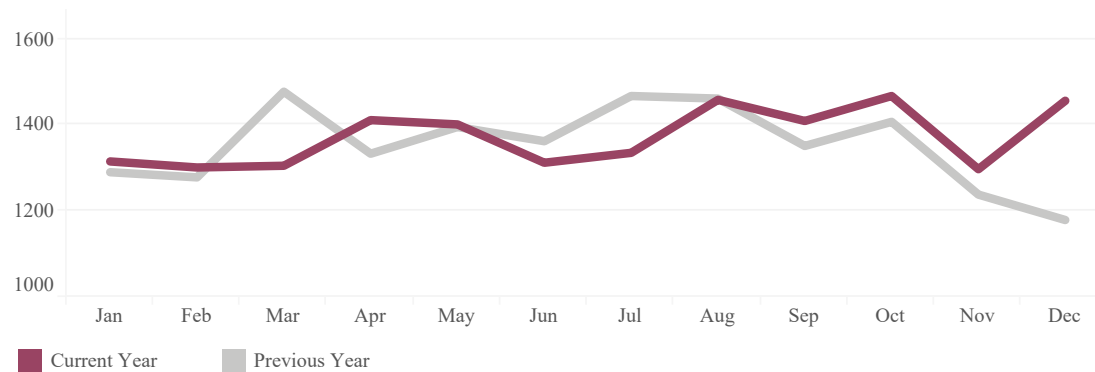
Q1 2018 - Q4 2018 EDIE DASHBOARD

HIGH UTILIZER COMORBIDITY, MENTAL HEALTH, AND SUBSTANCE USE DISORDER

Insights:

- Substance Use Disorder related visits have decreased, while Mental Health related visits increased slightly over the past year.
- Mental Health visits with Comorbidity **increased by 1.4%** from FY 2017-2018.
- Substance Use Disorder visits with Comorbidity **decreased by 4%** from FY 2017-2018.

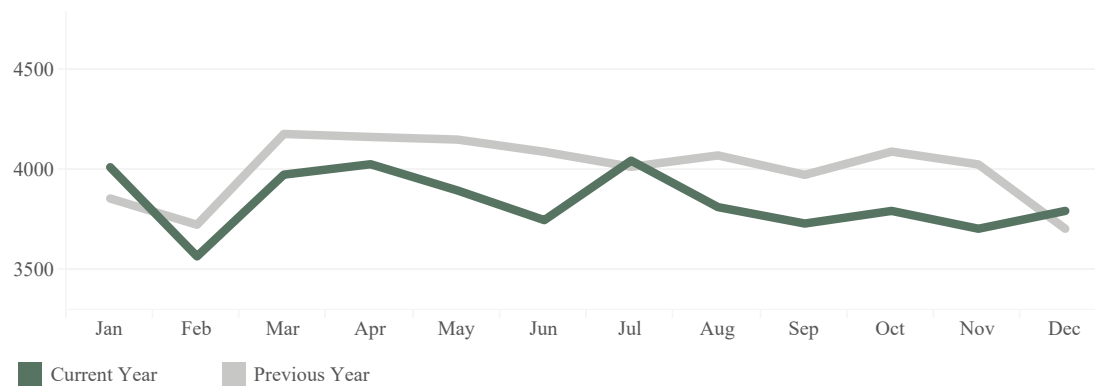
Comorbidity & Mental Health
(High Utilizer Visits)



Comorbidity & Mental Health
(Total High Utilizer Visits)



Comorbidity & Substance Use Disorder
(High Utilizer Visits)



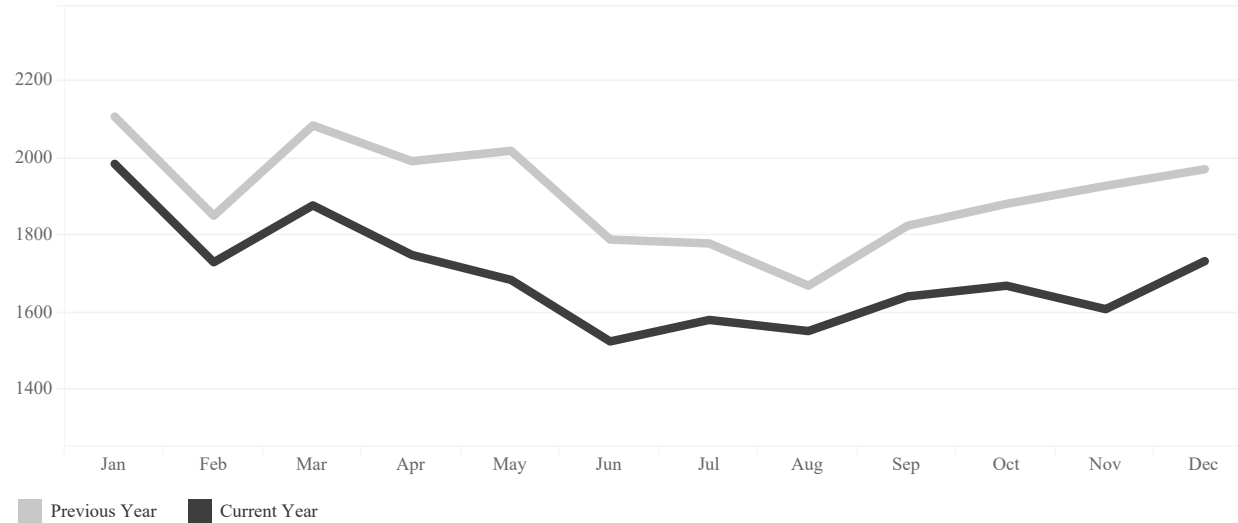
Comorbidity & Substance Use Disorder
(Total High Utilizer Visits)



Q1 2017 - Q4 2018 EDIE DASHBOARD

HIGH UTILIZER POTENTIALLY AVOIDABLE VISITS & CARE GUIDELINE IMPACT ANALYSIS

Potentially Avoidable Visits
(High Utilizers)



Potentially Avoidable Visits:

When a patient uses an emergency department for any non-urgent health related issue that can be safely and effectively treated in a setting outside of an emergency room.

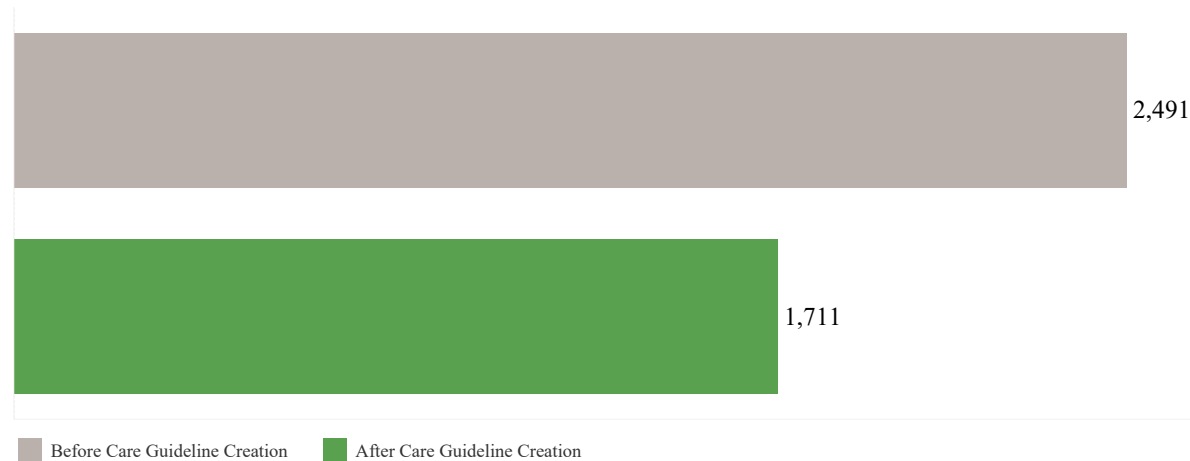
Potentially Avoidable Visits Insights:

Potentially Avoidable visits from High Utilizers has decreased from FY 2017-2018 by **11.2%**

22,916 - Potentially Avoidable visits from High Utilizers in FY 2017

20,345 - Potentially Avoidable visits from High Utilizers in FY 2018

Visits Before/After Care Guideline Creation
(90 days by High Utilizer Total Visits)



Care Guideline Insights:

Visits decreased by **31%** in the 90 days following an initial care guideline creation

2,491 = Total number of visits by High Utilizers in the 90 days before a care guideline was implemented

1,711 = Total number of visits by High Utilizers in the 90 days after a care guideline was implemented