

Type	Status	Revised
<b>Software Application</b>	<b>Generally Available</b>	<b>2019-May-07</b>

## Technical Description

The **Provider Productivity Analytic Accelerator** provides data and visualizations to help organizations understand and improve the efficiency and effectiveness of their provider practice or network.

Note that this application, like all Health Catalyst analytic accelerators, is implemented in a custom way; organizations identify their own areas of focus, process aims, and outcome goals. For this reason, the appearance and functionality of the application may differ from what is presented here.

## Visualization



Provider Productivity provides reliable, easily digestible visualizations of provider performance and allows for meaningful analysis of the factors that impact it.

## Background

- **For healthcare organizations, it's vital to manage the efficiency and effectiveness of providers.** Clinic or practice managers need to be able to isolate causes of variance in productivity, based on differences in acuity (patient mix based on wRVUs, CPT codes) and/or volume of patient visits. This analysis is the key to identifying and prioritizing improvements.
- **Manually compiling provider productivity data is not effective.** It's labor intensive to compile EMR, billing system, and external benchmark data to prepare static reports. In turn, one-dimensional, static reports don't support meaningful analysis of provider productivity and the drivers of variation.

## Application Overview

Easy access to a rich, reliable, and comprehensive view of provider efficiency—and robust support for better decisions

The **Provider Productivity Analytic Accelerator** provides a robust analytic front-end to organize, summarize, and provide actionable visualizations of provider production. And by reducing the time to compile production reports and providing a single source of truth for productivity measures, the application provides quick, reliable information for increased efficiency and greater provider productivity.

## Benefits and Features

- **Access an at-a-glance, near real-time view of provider productivity.** Automatically refreshed as new data is available, the application combines high-level financial and operational performance measures in an easy-to-consume, one-page summary.
- **Identify—and understand—variation across time periods and against benchmarks.** Visualizations highlight areas of variance, which are often opportunities for improvement. Guided navigation and drill-down help users find answers to the series of questions typically asked, so they can identify and investigate the major contributors to the variance. For example, users may first want to see if a provider is working as many hours as expected, then see how many patients they're seeing, and the wRVUs they're producing per patient or visit. Are they producing effectively compared to their peers or compared to benchmark? Given these insights and comparables, users can then determine what types of interventions may make sense to boost productivity.

## Intended Users

- Chief Operations Officer
- Chief Finance Officer
- Chief Medical Officer
- Provider specialty leadership and teams
- Site-specific leadership and teams
- Practice-level leadership and teams

## Use Cases

- A **physician group** has agreed to productivity measures by specialist, and now each **practice manager** wants to see how their practice is performing. The practice manager uses Provider Productivity to review trends and create action plans to achieve the productivity targets.
- The health plan's **director of provider network development** is planning for a narrow network contract to support a new line of business. She uses the application to compare volumes, costs, and acuity levels—which helps her identify providers to include in this network.
- The **Finance office** is working to understand a sudden increase in cardiology visits, yet a drop in revenue. The cardiology **Clinic Manager** pulls up Provider Productivity and quickly sees that two new providers are currently seeing lower acuity patients. This supports conversations across cardiology leadership about the reasons for the change and its impact on the business.
- The **business intelligence department** needs to prepare the monthly provider productivity reports for leadership. The Provider Productivity application fully automates this process, providing drastically reduced turnaround time and the option to drill deeper into performance variances. This allows leaders and front-line managers more time to review performance and come to the table with opportunities for improvement instead of spending time generating and validating reports.

## Data Sources

This product may leverage one or more of the following sources:

- Billing
- EMR - Clinical
- Finance/Costing

## Key Measures

Measures are intended to focus on two primary areas of opportunity: Acuity of the patients/members being seen and patient volumes.

- Patient Acuity (Mix): measures include wRVU volumes and trends, E&M billing patterns, patient and visit volumes, and trends in per business day and overall. Measures facilitate internal provider comparisons as well as comparisons to available benchmarks.
- Patient Volume: Compare and contrast provider-level patient volumes within a specialty or across specialties and compare to available benchmarks

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