

**ENTERPRISE DECISION SUPPORT**

**Advantage Suite™** Delivers  
Enriched Information for  
Improved Decision Making

For the past two years, the Patient Protection and Affordable Care Act (PPACA) has been at the center of one of the fiercest political debates in this country's history. Signed into law in March 2010, everyone from physicians to business owners to individual healthcare consumers have been trying to gauge what kind of impact the new law will have.

## HIGHLIGHTS

- Generate powerful, easy-to-use analytic reporting on trends, treatment patterns, and comparisons to benchmarks
- Create custom reports to monitor and evaluate programs
- Access a large library of more than 1,800 measures and eliminates the need to maintain coding schemes
- Provide clinically relevant groupings with a risk-adjusted, disease-based methodology
- Support various business functions across health plan operations (e.g. care management, provider profiling, fraud and abuse)
- Integrate disparate data to create a single source of truth

### Integrate and Transform Data From Diverse Sources

Health plans must become more proactive in finding innovative ways to work with consumer, employer, and provider stakeholders to manage costs and improve quality. To maintain market share and enhance their image, successful plans leverage integrated information and technology to manage medical and administrative costs, meet stakeholder requirements, increase revenue, and decrease financial risk.

#### Health plans must ask:

- Can we accurately and fairly measure efficiency and effectiveness of care?

- How does our performance compare to industry norms and our competitors?
- How can we anticipate financial risk and design optimal benefit plans?
- How can we accurately target members and measure ROI for our care management programs?
- How can we improve the effectiveness of provider rate negotiation, profit/loss analysis by line of business, and product line pricing?
- How can we better respond to the reporting needs of employers, members, providers, the legislature, and regulatory agencies?

### The Foundation for Enterprise-Wide Analytic Efforts





### **A Fully Integrated Approach**

Truven Health Advantage Suite™ integrates and transforms data from diverse sources, providing flexible and easy access to enriched information for improved decision-making. Its powerful applications are linked to an integrated warehouse of medical and prescription claims, encounters, eligibility, lab results, authorizations, health risks assessments, and performance measures. Executive-level dashboards provide ready-to-view standardized measures with drill-down capabilities to uncover underlying issues.

### **Components of Advantage Suite**

These decision support applications, which are designed specifically for cross program management, can be

run against the entire database or any subset defined by the user. This capability allows you to zoom up or drill down into the database to improve program performance through more effective, timely decision making.

At the core of all Truven Health Analytics™ applications and service offerings is the Advantage Data Model. Our data model provides access to integrated claim, encounter, provider, eligibility, and other detail data. The data model is flexible and supports the addition of customer-specific data such as wellness, health risk appraisal, absenteeism, productivity, administrative fees, and premium data.



**ADVANTAGE SUITE FOR**

**HEALTH PLANS**

## Advantage Suite Modules

### Medical Episode Grouper

The Medical Episode Grouper is an analytic tool that organizes data into clinically relevant groupings that allow analysts to review the costs, treatments, locations (i.e., inpatient versus outpatient), and practitioners associated with the treatment of medical conditions).

### Predictive Modeling Capabilities Using Diagnostic Cost Grouper Classifications

Diagnostic Cost Groups (DCGs) are the foundation of a family of risk adjustment payment and profiling methodologies developed by Verisk Health®. The DCG models are patient classification systems that help evaluate and forecast healthcare utilization and costs.

### Advantage Suite offers:

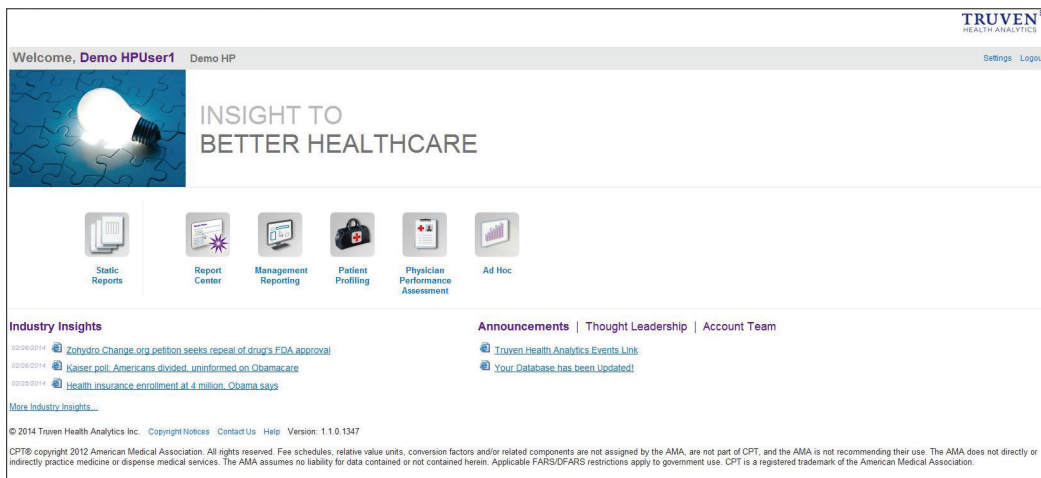
- An integrated ad hoc report-generation tool
- Executive dashboards
- Secure solution center
- Medical Episode Grouper
- Truven Health MarketScan® Research Databases best-in-class independent benchmarks
- Customizable reporting templates
- Measures catalog
- Workflow-enabled integration into health plan administrative systems

## The Four Major Components of Advantage Suite

The Advantage Suite Solution Center	The Management Report Set	The Ad Hoc Report Writer	Dashboard Reporting
An intuitive one-stop portal that provides streamlined access to Truven Health applications and executive dashboards, relevant industry news, thought leadership articles, proactive analytic content, account management information, and other Truven Health announcements.	An interactive Web browser interface for analytic and management reporting. This extraordinarily easy-to-use interface provides customers with access to interactive cross program management reports and provides flexible drilling capabilities to help pinpoint meaningful information and answer questions quickly	The ad hoc report writer includes full access to the complete healthcare Measures Catalog and advanced analytical functions such as Study Group Link, which enables users to identify a certain population and then associate all related detail data in the database. This provides even more powerful analytic capabilities and allows complete flexibility for ad hoc reporting on the full detailed database.	Timely information delivered in the right context can accelerate a process, reduce costs, or improve productivity. Advantage Suite dashboard reporting option helps you quickly identify key trends.

*“Truven Health Advantage Suite, and particularly the episode grouper module, has been very helpful to us. We’ve applied it to physician profiling, underwriting – and now Employer Insights, which is exactly what our customers wanted.”*

**Nina Taggart, MD**  
 Corporate Medical Director and Vice President of Clinical Program  
 AllOne Health



The Truven Health Solution Center provides anytime, anywhere access to Truven Health applications and content, such as thought leadership articles, market-specific newsletters, and targeted news content. The portal is also the access point for dashboards and reporting content.

### Patient Profiling

This application is a Web-based application designed to help medical managers, nurse case managers, and healthcare analysts identify populations/patients to target for disease or case management, evaluate high cost patients, disability and worker's compensation cases, perform fraud analysis, detect over-utilization, and identify services that should not happen concurrently.

### Disease Management

The Disease Management module assists in identifying and risk-stratifying patients that are appropriate candidates for disease management, allowing for both retrospective outcomes and prospective risk analysis. Used in conjunction with clinical severity information from Medical Episode Grouper and information on individual patient compliance with evidence-based condition guidelines, users have the ability to target individuals for disease management program and provide individual-specific interventions.

### Physician Performance Assessment

The Physician Performance Assessment module is an optionally licensed, Web-based application that utilizes a pre-defined set of reports focusing on clinical effectiveness and cost efficiency methodologies to assess performance for primary care and specialty care physicians. The application includes summary and detail reports to assess performance of both peer group and individual physicians. This will enable organizations to not only control costs, but also improve the overall health of their patient population.

### Employer Insights

Employer Insights offers health plans and third-party administrators financial and clinical information to manage costs; improve quality; set pricing and account management strategies; and furnish reliable, accurate, timely information to key customers through both standard reports that users can easily modify to conduct ad-hoc analyses.

### Optional Functionality

#### Truven Health Solution Center

With the new Web-based portal, Advantage Suite provides anytime, anywhere access to a wide variety of applications through a single interface. Having a centralized location to access reports, dashboards, and administrative applications enhances workflow and increases productivity. Plus, key information is now available online, through a single sign-on, in an easy-to-use environment. This makes business intelligence more accessible to the non-technical user — guiding them to new insights and helping them achieve their objectives.

#### Custom Dashboards and Reports

In addition to the standard management report set, Truven Health also provides professional services to build high fidelity production reports that are specifically customized for your organization. These reports are built on the Cognos BI Platform, an industry leading reporting tool. This offering is ideal for applications which require periodic distribution of highly formatted reports, such as quarterly reporting packs or executive dashboards.

Our dashboards make it easy to consolidate, aggregate, and arrange measurements, metrics, and scorecards on a single screen. Professional

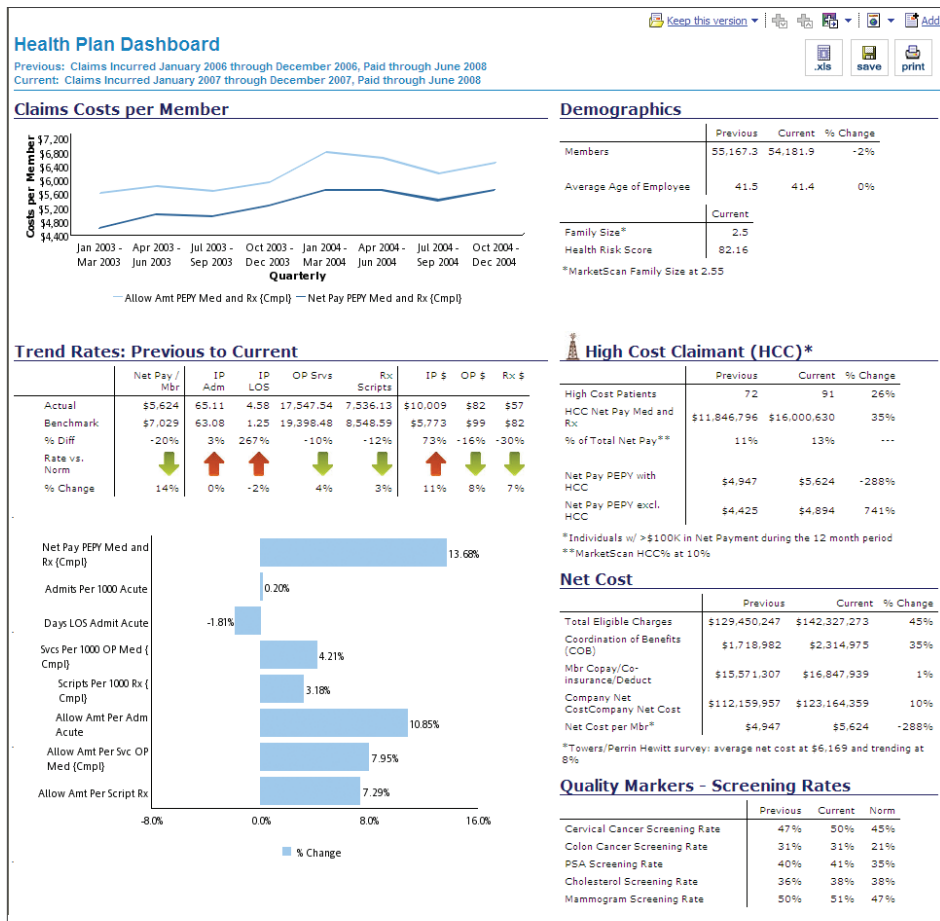
looking dashboard reports can be pre-built by Truven Health to improve transparency and provide information that is accurate and easy-to-understand — minimizing manual work done outside the system. These reports may be distributed via email, PDF, HTML, etc. This flexibility makes it easy for health plan management users to quickly access and digest healthcare management reports.

### A Single-Source Solution

Advantage Suite offers extraordinary synergies and efficiency in a single enterprise-wide solution. Developed with an extremely user-friendly and

intuitive interface, Advantage Suite integrates our proven state-of-the-art executive information, decision support, and ad hoc query applications. This advanced system, set on top of an analytically ready database, offers a full cross program information solution for data analysis.

Coupled with more than 25 years of experience across the full spectrum of healthcare and a staff with unsurpassed clinical and analytic expertise, Advantage Suite enables health plans to focus on innovation by delivering better information and better results.



Truven Health intuitive executive dashboards allow managers to review a large amount of information in a single glance. They can be distributed as Web pages, PDF files, or Excel workbooks.



## For more information

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or visit **[truvenhealth.com/healthplan](http://truvenhealth.com/healthplan)**



### ABOUT TRUVEN HEALTH ANALYTICS

Truven Health Analytics delivers unbiased information, analytic tools, benchmarks, and services to the healthcare industry. Hospitals, government agencies, employers, health plans, clinicians, pharmaceutical, and medical device companies have relied on us for more than 30 years. We combine our deep clinical, financial, and healthcare management expertise with innovative technology platforms and information assets to make healthcare better by collaborating with our customers to uncover and realize opportunities for improving quality, efficiency, and outcomes. With more than 2,000 employees globally, we have major offices in Ann Arbor, Mich.; Chicago; and Denver. Advantage Suite, Micromedex, ActionOI, MarketScan, and 100 Top Hospitals are registered trademarks or trademarks of Truven Health Analytics.

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