

COLLABORATION, DATA GOVERNANCE, AND DATA MANAGEMENT WITH

MEASURE FACTORY

Powered by
 Diver Platform™



Trust changes outcomes.

PATIENTS WHO TRUST THEIR CLINICIANS HAVE BETTER OUTCOMES.
THE SAME IS TRUE FOR HOSPITALS THAT TRUST THEIR DATA.

Building data trust with

Diver Measure Factory™

Built on the award-winning Diver Platform™ for analytics, Measure Factory integrates data from multiple systems, platforms, and applications to provide a complete view of enterprise data. Measure Factory applies industry-standard healthcare rules to create measures for your subject matter experts to utilize or customize to meet your unique needs. Through collaboration, stakeholders can see historic details of how numbers are derived.

Trust is a Single Version of the Truth

Measure Factory ensures that the same definition of a measure is applied every time that measure is created, and it is standardized from every source from which the data is extracted. This means that business rules and other metadata are applied consistently across data sources, resulting in data integrity, standardization, and most importantly, trust in the data by end users.

Trust is Collaboration

Measure Factory helps to build institutional knowledge with collaboration across functional silos. It allows business units to collaborate on rules and measures so they have buy-in and acceptance of the measures.

“One of the challenges we’ve always had and where Measure Factory will help us is with the source of truth. It can be frustrating to ask for a number and get four different numbers back from different people. So, leveraging Measure Factory as a single source of truth, that truth is going to really give our teams confidence in the numbers they are getting.”

Ken Arnold, *analytics manager*
COVENANT HEALTHCARE

MEASURE DEFINITION

Measure name: Acute ALOS

Definition: The average length of stay for inpatient encounters designated as acute calculated as Acute Discharge Days divided by Acute Discharges summarized by discharge date.

Business Rule: Calculate as Acute Discharge Days divided by Acute Discharges. Summarize by Discharge Date.

References: Essentials of Statistics in Health Information Technology UB-04 Specifications Manual

Timeframe: Discharge Date

Observed Value Calculation

Numerator
 Dataset: Hospital Encounters
 Data Element: Discharge Days

Denominator
 Dataset: Hospital Encounters
 Data Element: Discharges

Display
 Type: Ratios
 Format: 0
 Abrev calc: N/A
 Abrev: N/A

Target Value Calculation

Numerator
 Dataset: Hospital Encounters
 Data Element: Discharge Days

Denominator
 Dataset: Hospital Encounters
 Data Element: Discharges

Display
 Type: Ratios
 Format: 0
 Abrev calc: N/A
 Abrev: N/A

PAGES
 Dashboard-Overview
 Inpatients - Complete Month
 Inpatients - Month-to-Date
 Inpatients - Overview
 Inpatients - Year-to-Date

QUICKVIEWS
 Calendar
 Discharge Year-Mo
 Facility

SUMMARIES
 % Total Acute Discharges
 Acute ALOS
 Acute ALOS % Variance +/-
 Acute Discharges
 Avg Severity
 Case Mix Index
 Exp Acute ALOS

DIMENSION LIST
 APR-DRG
 Admit Date
 Admit Diagnosis
 Admitting Provider
 Attending Provider
 Chronic Diseases
 Discharge Date
 ED Registration Date

Metadata items are attached to each measure, and accessible to all verified end users from the dashboard or report with one click.

- Determine measures to be tracked
- Assign teams responsible for the measures
- Define measures and business rules
- Document the data required for each measure and where the data is located
- Retain histories and conversations about each measure

Trust is Governance

Measure Factory supports and maintains the communications between stakeholders and thereby tracks changes and the underlying reasons for those changes. For example, collaboration can assist in the following data governance areas:

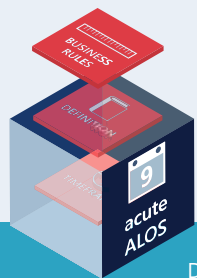
BUSINESS RULES

DEFINITION

TIMEFRAME

REFERENCES

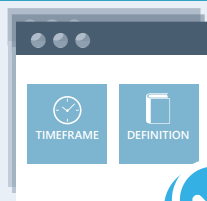
MEASURE FACTORY™



metadata about defined measure

defined measure

Diver Measure Factory™ bundles metadata from each measure, and each measure package is accessible to all verified end-users, at any time, on any device.



Diver Platform™

- ✓ Data integration for interoperability
- ✓ Data governance and collaboration with subject matter experts and stakeholders
- ✓ Off-the-shelf applications with editable, embedded measures and rules
- ✓ Ad hoc analysis and self-service reporting
- ✓ Interactive dashboards and scorecards
- ✓ Clinical, financial, and operational analytics
- ✓ State-of-the-art columnar processing engine for speed

ADDITIONAL HEALTHCARE APPLICATIONS OF DIVER

Finance

- Service line profitability
- Patient billing/collections
- General ledger
- Revenue cycle management
- Denials management
- Revenue and expense analysis
- Utilization
- Scheduling
- Performance management

Clinical

- Chronic care patient alerting
- Critical labs reporting
- Disease management
- Intervention monitoring
- Meaningful-use compliance
- Patient satisfaction
- Physician scorecards
- Population health
- Quality/outcomes reporting

Operations

- Patient flow
- Benchmarking
- Surgery/OR
- Implant utilization
- Physician scorecards
- Productivity
- ED throughput
- Executive dashboard

CONSULTING & CUSTOMER SUPPORT

Dimensional Insight's professional services team offers an array of services that spans the entire project life cycle—from needs assessment to system maintenance. Our consultants employ best-in-class project delivery practices to design, implement, and customize your Diver deployment. Our consultants draw on their extensive knowledge of healthcare to deliver optimal results, faster implementations, and cost savings for our clients. We partner with each of our customers to ensure rapid implementation of all BI project initiatives. Our #1 objective is to provide the expertise and process knowledge to maximize return-on-investment and minimize risk.

TRAINING OPTIONS

Diver training helps users, developers, and IS/IT staff fully understand and benefit from the power of Diver. Courses are delivered onsite at customer organizations or online. Courses can be customized to meet specific needs and organizational challenges.

DIVER IS A COMPLETE BI PLATFORM

Every implementation includes the installation of all back-end server and production components. There are no hidden costs or expensive third-party tools required to deploy additional features. Users access data through a number of interface options depending on their specific information viewing and analysis needs.



2017 Dresner Advisory Services
Wisdom of Crowds Business Intelligence Market Study
Dimensional Insight Again Receives Top Rankings
Scores 4.61 out of 5; strong in "Customer Experience"

About Dimensional Insight

Dimensional Insight is a leading provider of integrated business intelligence and data management solutions. Our mission is to make organizational data accessible and usable so everyone from analysts to line of business users can get the information they need to make informed, data-driven decisions.



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