

# EMPOWERING DECISION MAKING WITH ORACLE HEALTHCARE OPERATING ROOM ANALYTICS



**KEY FEATURES AND BENEFITS:**

**ORACLE HEALTHCARE OPERATING ROOM ANALYTICS** ENABLES HEALTHCARE ORGANIZATIONS TO INCREASE PRODUCTIVITY BY PROVIDING KEY BUSINESS INSIGHTS FOR INFORMED DECISION MAKING. BENEFITS OF OPERATING ROOM ANALYTICS INCLUDE:

- MORE TIMELY ACCESS TO INFORMATION
- INCREASED SERVICE, STAFF & PERIOPERATIVE PRODUCTIVITY
- IMPROVED LOGISTICAL PLANNING AND RESOURCE ALLOCATION

Oracle's Enterprise Healthcare Analytics is a comprehensive solution that enables healthcare organizations to create detailed, holistic and integrated views of their enterprise. It integrates data from electronic medical record, clinical departmental systems, patient accounting, back office, research, and other source systems, to help providers rapidly and cost effectively unlock value from their clinical and operational data. Oracle Healthcare Operating Room Analytics is a key component of this solution, developed specifically for health care providers to drive operating room productivity and enable more informed decision-making.

**Timely Access to Information for More Informed Decision Making**

Oracle Healthcare Operating Room Analytics provides comprehensive views of operating room functions at both the facilities and the enterprise levels. Staff, managers and executives gain increased visibility into their operational data, enabling proactive performance management and the ability to make more informed business and medical decisions.

Oracle Healthcare Operating Room Analytics presents information in more than 150 role-based dashboards and reports, including the ability to create ad hoc custom reports, based on pre-defined Key Performance Indicators (KPIs). The solution can integrate data from a variety of disparate source systems, reducing both the cost and time required to access information.

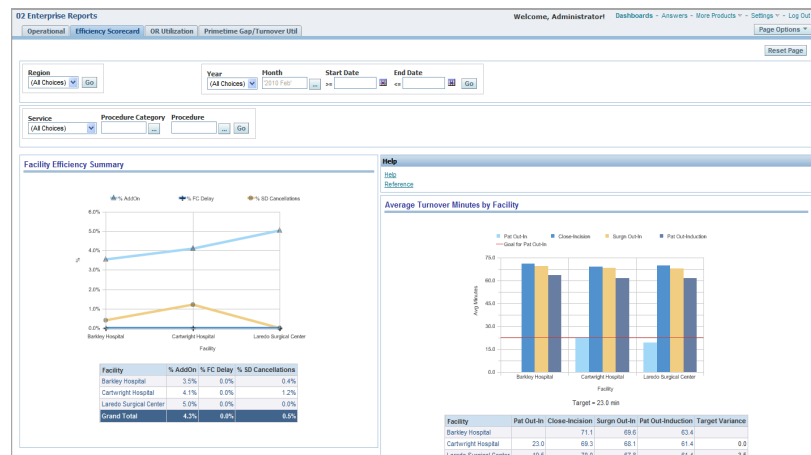


Figure1: Enterprise Efficiency Scorecard

Oracle Healthcare Operating Room Analytics provides Clinical Operations Directors with insight into operational efficiency metrics while Chiefs of Surgery and Anesthesiology can view clinical measures tied to outcome and compliance reporting.



**ORACLE HEALTHCARE DATA WAREHOUSE FOUNDATION TECHNICAL SPECIFICATIONS**

Client:  
 - IE 7 or 8, Firefox 1.5.x or 2.0  
 Database:  
 - Oracle 11gR1

**RELATED PRODUCTS AND SERVICES**

The following complementary products and services can be used with Operating Room Analytics:

- HSGBU Consulting Services
- Oracle Healthcare Data Warehouse Foundation
- OBIEE is an enterprise-wide capable reporting tool that can be used with a variety of source systems from multiple vendors.

Reporting areas include operational measures to manage operating room utilization including case and procedure volumes. In addition, it provides a myriad of dimensions, such as demographic data, anesthesia technique used, American Society of Anesthesiologists (ASA) scores, case type-elective/emergency, Diagnosis-Related Group (DRG), practice procedure, and many more.

**Increased Perioperative, Staff and Service Productivity with Pre-Built Dashboards**

Oracle Healthcare Operating Room Analytics empowers operating room team members to obtain the data they need leveraging pre-built, role-based dashboards. It is designed to provide the perioperative team with secure, timely and accurate information to maximize productivity.

User-friendly dashboards and reports are delivered out of the box for the operating room directors, surgery and anesthesia teams, Chiefs of Nursing, Surgery and Anesthesia, as well as the office of the Chief Financial and Chief Operating officers (CFOs and COOs). In addition, reports can be easily configured for different user roles. Its powerful analytic capabilities can track utilization, and assist in the identification of bottlenecks and inefficiencies to provide valuable insights for accurate planning. Oracle Healthcare Operating Room Analytics can increase provider productivity and quality of care, while optimizing utilization of limited resources.

**Improved Logistical Planning and Resource Allocation**

Oracle Healthcare Operating Room Analytics improves operating room efficiency to maximize critical resources. A variety of measures allow providers to evaluate resources, and maximize resource allocation.

Many efficiency measures are tracked, including: scheduling accuracy, cancellations, delays, add-ons, surgeon on time arrival, room overrun, room turnover durations, procedure durations, anesthesia and recovery room durations, perioperative length of stays, etc.

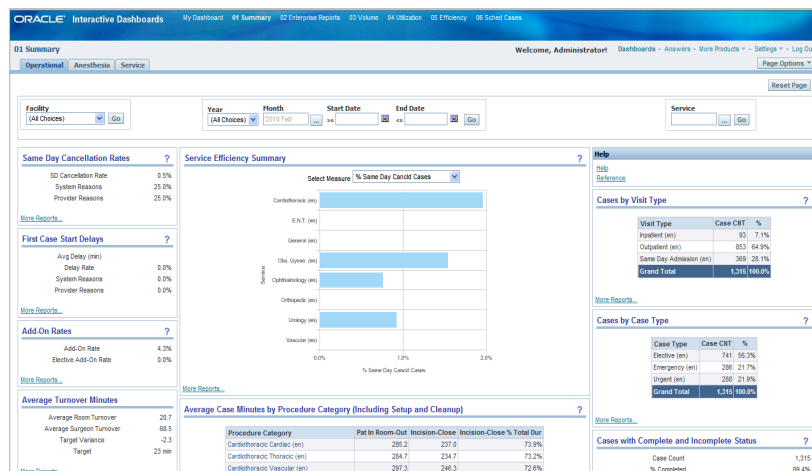


Figure 2: Operational Summary

With Oracle Healthcare Operating Room Analytics, providers can decrease costs, reduce overtime, increase staff and surgeon satisfaction and, ultimately, increase profitability.

### Flexibility for Specific Organizational Needs

As an organization's insight into its operations evolves, the underlying Oracle Healthcare Operating Room Analytics infrastructure can be used to build ad hoc reports. Oracle Business Intelligence Enterprise Edition (OBIEE) is the front-end reporting tool and provides an intuitive tool for report writing. Users and the organization are able to benefit from a standardized reporting environment and lower cost of ownership.

### A Key Component of Oracle's Enterprise Healthcare Analytics

Oracle Enterprise Healthcare Analytics solutions are designed to unlock the value of electronic information to enable quality performance and clinical excellence, drive departmental and operational efficiencies, and identify improvements at the point of care. It utilizes the Oracle Healthcare Data Warehouse Foundation, upon which providers can use pre-built business intelligence, analytic, data mining, and performance management applications from Oracle and its partners.

The Oracle Healthcare Data Warehouse Foundation is a comprehensive, detailed data model specifically engineered for provider enterprise data warehousing that includes an expanding list of more than 1,000 entities and 12,000 attributes spanning the clinical, financial, operational, and research domains. It is designed for ease of use for analytic application developers and can be easily extended to accommodate a provider's unique environment.

### Reduce project risk and cost with Oracle Consulting Services

Consultants from Oracle Health Sciences are part of a global consulting organization with extensive domain expertise and in-depth experience implementing Oracle's healthcare and life sciences solutions. Oracle's consultants complement Oracle Health Sciences products to provide a comprehensive solution. They can help organizations:

- *Reduce project risk and improve quality* with Oracle's distinctive resources and expertise
- *Lower total cost of ownership* with Oracle's complete solution
- *Realize faster time to business value* by leveraging Oracle's unique library of consulting assets and accelerators

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### Contact Us

For more information about Oracle Healthcare Operating Room Analytics, please visit the [Oracle Health Sciences Applications website](#) or call your [local Oracle office](#) or +1.650.506.7000 to speak to an Oracle representative.