



PHYSICIAN PERFORMANCE

ADVISOR: PROACTIVELY

MONITOR & MANAGE

PHYSICIAN PERFORMANCE



DATA → INFORMATION → ACTION

INDIVIDUAL PHYSICIAN PERFORMANCE HAS A DIRECT IMPACT ON YOUR HOSPITAL OR HEALTH SYSTEM'S FINANCIAL, PATIENT SAFETY AND CARE QUALITY INITIATIVES. THE ABILITY FOR HOSPITAL ADMINISTRATORS, QUALITY MANAGERS, AND PHYSICIANS TO ENGAGE AND COLLABORATE ON IDEAS TO IMPROVE PERFORMANCE IS TIGHTLY LINKED TO THE ABILITY TO DELIVER ACCURATE, ROLE-APPROPRIATE INFORMATION VIEWS AND FEEDBACK TO KEY STAKEHOLDERS IN A TIMELY MANNER. THIS IS A DIFFICULT TASK SINCE HEALTHCARE FACILITIES OFTEN HAVE DOZENS OF DISPARATE DATA SYSTEMS AND INFORMATION SOURCES - BOTH INTERNAL AND EXTERNAL TO THE ORGANIZATION - THAT MUST BE INTEGRATED IN ORDER TO PROVIDE A MEANINGFUL AND COMPLETE PROFILE OF PHYSICIAN PERFORMANCE. IN ADDITION, THE COMPLEXITY OF THIS TASK IS COMPOUNDED BY THE SHEER VOLUME OF DATA THAT MUST BE COMPILED, MAINTAINED AND UPDATED IN ORDER TO GAIN VISIBILITY INTO METRICS SUCH AS OUTCOMES, PATIENT SATISFACTION, MORTALITY, AND LENGTH OF STAY THAT ARE USED TO UNDERSTAND AND DETERMINE PHYSICIAN PERFORMANCE LEVELS.

Dimensional Insight's Physician Performance Advisor™ grants providers the ability to proactively monitor physician performance. By subscribing to this web-based application, users are empowered with interactive dashboards and embedded analytics capabilities to assist with their OPPE (Ongoing Professional Practice Evaluation), physician credentialing, and FPPE (Focused Professional Practice Evaluation) goals. With Physician Performance Advisor, users can quickly navigate through large volumes of data in a number of subject areas including quality, utilization, patient satisfaction, safety and risk management in order to have a complete view of physician performance.

BETTER INFORMATION ACCESS SUPPORTS EVIDENCE BASED DECISION-MAKING:

- View consolidated physician profiles with instant access to underlying detail data in a dashboard interface
- Leverage existing information sources that incorporate risk and severity adjusted data for consistent performance comparisons
- Create more holistic profiles by merging patient satisfaction, utilization, outcomes and quality with your client's preferred benchmarking data
- Compare and contrast individual and group performance to reveal best practices and improvement opportunities
- Improve patient safety, financial and care quality outcomes

POWERFUL DATA INTEGRATION PUTS THE RIGHT INFORMATION AT YOUR USER'S FINGERTIPS:

- Reduce time-to-information by providing administrators, physicians and quality professionals with web-based access to current physician performance data
- Offload data integration and report development challenges so users can focus on analysis and improvement instead of data discovery and delivery
- Intuitive interface supports user adoption and provides a single version of the truth for all stakeholders

IMPROVE QUALITY OF CARE WITH A CONSOLIDATED VIEW OF PHYSICIAN PERFORMANCE

There are a number of changes facing hospitals and health systems driven by politics, economic forces and the public at large, who want better transparency on the quality of care provided by their practitioners. This sea change has caused a massive insurgence of technology over the past several decades. Providers are sitting on a goldmine of data, but distilling that data into directional and actionable information can be an arduous task without the right technology partner. Recognized as the #1 rated Business Intelligence vendor by KLAS Research*, Dimensional Insight has assisted leading healthcare organizations with their dashboard, reporting and analysis needs so they can gain a complete view of clinical, financial and operational performance and immediately understand what steps to take that will drive results. Physician Performance Advisor is a web-based application for delivering and analyzing consolidated views of physician performance. Users are given access to a dynamic dashboard environment with embedded analytics capabilities providing administrators, quality professionals and physicians with a single source to review, monitor and analyze any activity or metric related to physician performance.

* DIMENSIONAL INSIGHT'S "THE DIVER SOLUTION" WAS RANKED AS #1 FOR BUSINESS INTELLIGENCE IN THE 2009 TOP 20 BEST IN KLAS AWARDS: SOFTWARE AND PROFESSIONAL SERVICES" REPORT - WWW.KLASRESEARCH.COM



THE CAPABILITIES YOU NEED TO DRIVE IMPROVEMENTS FORWARD

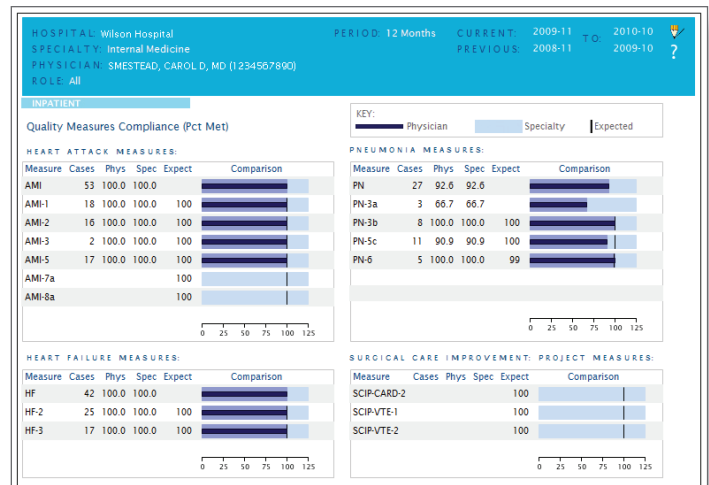
BETTER SUPPORT OPPE INITIATIVES The two-year review period for physician re-credentialing is insufficient both for hospital administrators, who are responsible for ensuring high quality, cost effective and safe care as well as for physicians who benefit from receiving feedback on a more frequent basis. Physician Performance Advisor allows hospitals to better manage the re-credentialing process as well as comply with Joint Commission requirements of OPPE. A complete view of physician performance is automatically updated when new data is available from your source systems. Data is automatically extracted from your EMR as well as other relevant clinical, financial, or operational systems and fed into the application so users are presented with the most up-to-date view of performance metrics available on an on-going basis. Physician Performance Advisor helps your organization stay ahead of the performance curve - users are alerted to exceptions in the data, have the ability to perform in-depth analysis to identify root cause, and can easily compare and contrast physicians against various peer groups.



PHYSICIAN PERFORMANCE DASHBOARD:

AS REQUIRED BY THE JOINT COMMISSION, HEALTHCARE ORGANIZATIONS MUST ESTABLISH ROUTINE MEASURES FOR MANAGING PHYSICIAN PERFORMANCE. PHYSICIAN PERFORMANCE ADVISOR SUPPORTS YOUR ONGOING PROFESSIONAL PRACTICE EVALUATIONS (OPPE) INITIATIVES BY PROVIDING HOSPITAL ADMINISTRATORS, QUALITY PROFESSIONALS AND PHYSICIANS WITH A SINGLE TOOL TO MONITOR, TRACK AND COLLABORATE ON STRATEGIES AROUND CARE PROCESS IMPROVEMENT IN A TIMELY MANNER.

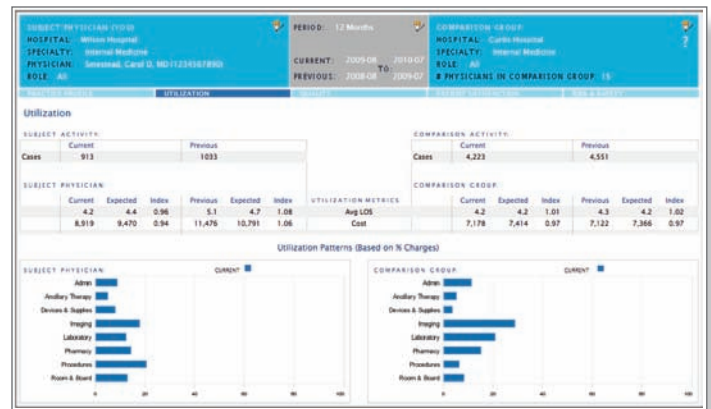
TRACK COMPLIANCE AND IDENTIFY OPPORTUNITIES Advance quality goals by evaluating your physicians across a range of both internal goals and external standards, such as those from CMS, the Joint Commission and third party benchmark vendors. Physician Performance Advisor allows health systems to monitor compliance with quality indicators, provide quality professionals with the ability to isolate and identify specific opportunities for improvement at the physician level that can positively impact outcomes, meet cost containment goals and increase revenue. Advanced visualization options are embedded into the application and used to identify outliers within a physician population or defined group to reveal commonalities in care quality best practices or to better understand areas or processes ripe for improvement.



PERFORMANCE SUMMARY - QUALITY DETAIL:

PHYSICIANS ARE PROVIDED WITH A CONSOLIDATED VIEW OF THEIR PERFORMANCE RELATIVE TO EACH CORE MEASURE. BULLET CHARTS SUCCINCTLY COMMUNICATE EXPECTED VERSUS ACTUAL PERFORMANCE LEVEL FOR EACH INDICATOR ALLOWING PHYSICIANS AND QUALITY MANAGERS TO EASILY IDENTIFY OPPORTUNITIES FOR IMPROVEMENT IN EACH AREA.

MEASURE GROUP OR INDIVIDUAL PERFORMANCE Effective decisions are made when you have the ability to evaluate and compare information in a timely manner. Physician Performance Advisor puts the power of comparison at your fingertips. By bringing together all the data elements that comprise physician performance into an interactive portal, users can quickly compare and contrast individual performance and proactively measure it against group performance to identify areas for improvement. Groups are classified based on parameters you define - department or service line, specialty, in-facility, organization-wide, or region. The application is highly flexible and can adapt to the configurations present within your organization - whether you are a hospital or an integrated delivery network with many facilities - Physician Performance Advisor is capable of providing you with the ability to measure and improve the performance of your practitioners and associated peer groups.



PRACTICE PATTERNS - UTILIZATION:
GAIN THE ABILITY TO COMPARE UTILIZATION PATTERNS AND KEY UTILIZATION METRICS SUCH AS ALOS AND COST DETAILS OF A SPECIFIC PHYSICIAN AGAINST A DEFINED COMPARISON GROUP IN ORDER TO EFFECTIVELY GAUGE PERFORMANCE.

ENGAGE YOUR PHYSICIAN COMMUNITY Physician Performance Advisor provides practitioners and quality professionals with a data-driven platform to discuss improvement initiatives. Physicians are granted role-based access to their own data while hospital administrators and quality professionals can perform in-depth analysis on a specific physician or group. By supplying all stake holders with a common tool to view and analyze performance metrics, organizations can jump start a dialogue that centers on process improvements in the areas of care quality and patient safety instead of data integrity. The interactive nature of the application allows users to easily move from summarized information to details on individual patients in order to investigate root cause of trends or patterns. The ability to instantly 'dive' from summary level to patient level detail helps address common objections around the accuracy and integrity of the data. This allows administrators and physicians to have more meaningful discussions that are centered on data instead of 'gut-feel' or speculation. This type of information transparency coupled with the ability to compare individual performance to peers - both internal and external to the organization - fosters physician adoption; giving the physician community an opportunity to better engage in hospital-wide performance initiatives that positively impact financial and quality based outcomes.

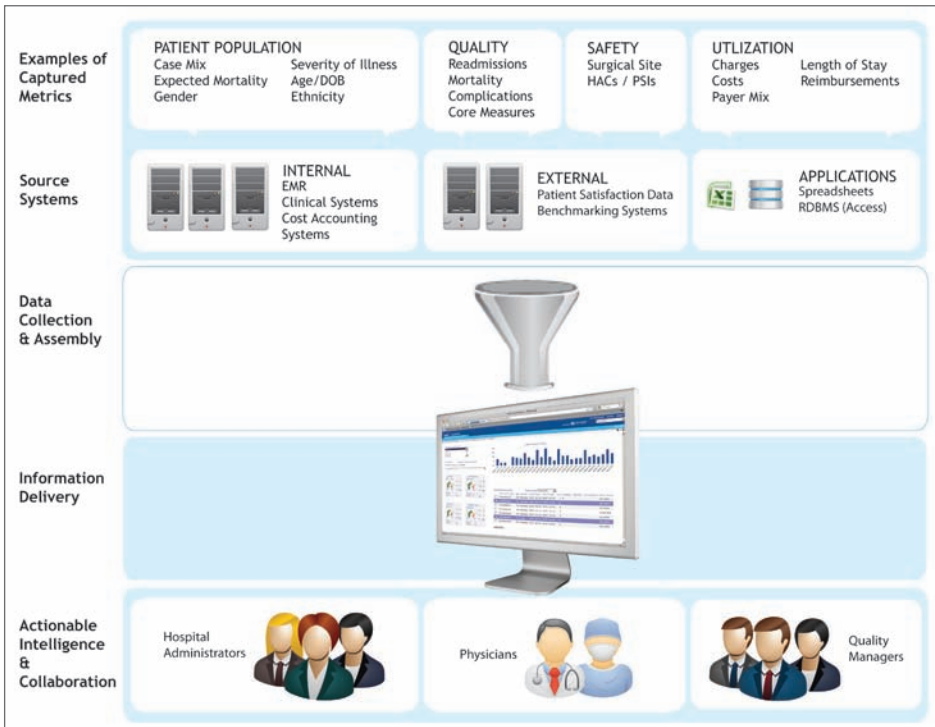


PERFORMANCE SUMMARY - AVERAGE LENGTH OF STAY DETAIL:
BY PROVIDING YOUR PHYSICIAN COMMUNITY WITH ACCURATE AND TIMELY ACCESS TO PERFORMANCE METRICS AROUND ALOS, QUALITY, READMISSIONS, PRACTICE PATTERNS, PATIENT SATISFACTION AND MORTALITY YOU CAN START A DIALOGUE AROUND OPPORTUNITIES FOR IMPROVEMENT INSTEAD OF DATA INTEGRITY AND VALIDITY.

THE NUMBER #1 RATED BUSINESS INTELLIGENCE AND REPORTING TECHNOLOGY



Business Intelligence is what we do. Dimensional Insight’s “The Diver Solution” was ranked as #1 for Business Intelligence in the “2009 Top 20 Best in KLAS Awards: Software & Professional Services” Report. Physician Performance Advisor provides your user community with web-based access to DI’s award-winning business intelligence and reporting tool so you can stop worrying about the data discovery, assembly and information delivery challenges and start focusing on engaging your physician community through better information access and transparency to better impact financial and quality outcomes.



◀ DIMENSIONAL INSIGHT’S POWERFUL DATA INTEGRATION CAPABILITIES AUTOMATICALLY EXTRACT RELEVANT DATA FROM YOUR DISPARATE SOURCE SYSTEMS TO PROVIDE ALL STAKEHOLDERS WITH THE MOST UP-TO-DATE VIEW OF PHYSICIAN PERFORMANCE AVAILABLE.

AUTOMATED DATA INTEGRATION The ability to seamlessly bring together clinical, financial, outcomes, demographic and benchmarking data for the purposes of creating a physician review application is a difficult task. Physician Performance Advisor handles the complexities involved with integrating these disparate data sources by managing automated feeds directly from your source systems, allowing you to avoid the need to manually manipulate data from different sources. Once the data extracts are created, data feeds are scheduled and automated to ensure users are served with the most up-to-date view of physician performance available.

BETTER LEVERAGE EXISTING DATA With Physician Performance Advisor, hospitals and health systems are able to leverage their existing licensing investment in benchmarking information from organizations like Premier and Thomson Reuters. This provides your health system with the most comprehensive pool of benchmarking data available, whereas other physician management tools may require the use of smaller, proprietary benchmarking libraries.

INTUITIVE INFORMATION DELIVERY Physician Performance Advisor supports evidence-based decision making by making sure users are able to easily digest the information that is being presented. Intuitive data visualization options such as bullet charts, trending and exception indicators allow users to quickly isolate key data points that require immediate attention. By consolidating large volumes of performance data from various source systems, users are presented with a distilled view of information that is immediately meaningful to physicians and administrators. DI's information delivery framework supports user adoption and collaboration through the creation of dynamic, layered data views that prevent users from becoming overwhelmed by information overload. Information is summarized and presented with context so actual performance can be viewed against defined targets and trends can be easily identified and investigated.

DRG	Cases	Readmits Observed	Expected	Rate	Index	Readmits Observed	Expected	Rate	Index
740 - CHRONIC OBSTRUCTIVE PULMONARY DISEASE	845	5	7.7	0.6	0.8	147	141.6	1.04	1.16
739 - SEPTICEMIA & DISSEMINATED INFECTIONS	715	90	86.7	11.9	0.9	147	97.4	1.51	1.5
139 - OTHER PNEUMONIA	672	16	15.4	2.4	1.0	103	77.4	1.33	1.39
134 - HEART FAILURE	480	11	13.1	2.7	0.8	100	91.1	1.09	1.08
383 - CELLULITIS & OTHER BACTERIAL SKIN INFECTIONS	475	0	0.0	0.0	0.0	83	42.0	1.75	1.86
640 - NODAL BERTHET 2-HIRC	397	0	0.0	0.0	0.0	3	5.1	0.8	0.93
382 - OTHER BERTHET TRACT INFECTIONS	389	0	0.0	0.0	0.0	49	43.7	1.22	1.20

▲ OPPORTUNITIES - OUTCOMES BY DRG

▼ PERFORMANCE SUMMARY - CURRENT PERIOD ENCOUNTERS - DETAIL

Encounter	Month	Readmit	Financial Class	Age	LOS	ROM	SCI	Case Mix	Row
00002061930	3	0	MCARE HMO	88	3	4	4	1.47	1
00002061987	3	0	MCARE	75	14	4	4	1.49	2
00002062474	1	0	MEDICARE	88	10	4	3	1.04	3
00002061766	1	0	MEDICAID	53	9	2	3	1.00	4
00002061767	1	0	MEDICARE	88	17	4	4	1.84	5
00002061870	1	0	MEDICARE	88	17	4	4	1.84	6
00002060793	1	0	MEDICARE	88	17	4	4	1.84	7
00002061681	1	0	MEDICARE	88	17	4	4	1.84	8
00002061914	1	0	MEDICARE	88	17	4	4	1.84	9
00002061926	1	0	MEDICARE	88	17	4	4	1.84	10
00002061729	1	0	MEDICARE	88	17	4	4	1.84	11
00002061482	1	0	MEDICARE	88	17	4	4	1.84	12
00002062211	1	0	MEDICARE	88	17	4	4	1.84	13
00002061792	1	0	MEDICARE	88	17	4	4	1.84	14
00002060993	1	0	MEDICARE	88	17	4	4	1.84	15
00002062781	1	0	MEDICARE	88	17	4	4	1.84	16
00002061280	1	0	MEDICARE	88	17	4	4	1.84	17
00002061714	1	0	MEDICARE	88	17	4	4	1.84	18

Encounter	Patient Name	Gender	Age	Birthdate
13436780000	JONEL, SUSAN	Female	55	1956-10-24
Admit Date	Admit Source	Admit Type	Principal Diagnosis	Financial Class
2019-04-08	EMERGENCY	EMERGENCY	SEPTICEMIA NOS (S88)	MEDICARE
Discharge Date	Discharge Diagnosis	LOS	Principal Procedure	ICU Days
2019-04-08	SEPTICEMIA NOS (S88) EXPRED NO AUTOPTSY	1	INSERT ENDOTRACHEAL TUBE (86.4)	0
APR DRG Description	APR DRG SOI	APR DRG ROM		
SEPTICEMIA OR SEVERE SEPSIS W/O MDR-HOURS IV (MCC (RT))	4	4		
MSDR				
SEPTICEMIA OR SEVERE SEPSIS W/O MDR-HOURS IV (MCC (RT))				
Physician	Specialty	Physician	Department	Charges
DUNCAN, DEAN (S4321000476)	Internal Medicine	DUNCAN, DEAN (S4321000476)	COMPUTED TOMOGRAPHIC (CT) SCAN	\$17,303
HINTNER, JAC (S4321000475)	Consult	HINTNER, JAC (S4321000475)	LABORATORY SERVICES	4,547
COLETTI, TONY (S4321000476)	Pulmonary Medicine	COLETTI, TONY (S4321000476)	SEPTICEMIA NOS (S88)	4,119
LEWIS, STEVEN (S4321000476)	Emergency Medicine	LEWIS, STEVEN (S4321000476)	RESPIRATORY CARE SERVICES	2,887
			INTENSIVE CARE UNIT	1,717
			RADIOLOGY - DIAGNOSTIC	1,438
			ULTRASOUND	1,241
			PHARMACY	682
			SINGLE DIAGNOSTIC CENTER	406
			CARDIOLOGY	296
			POINT OF CARE TESTING (POCT)	101
			NON-COURSED MISC CHARGES/STATS	0
			EMERGENCY SERVICE	0

EMBEDDED INTERACTIVE ANALYSIS TOOLS All data points generated within the application are live, allowing users to point-and-click on an item of interest to view additional detail data. Users looking to perform ad hoc analysis can do so by launching Dimensional Insight's embedded web-based analytics client, NetDiver™, directly within the dashboard interface. This flexibility allows hospital administrators to detect patterns that may not be obvious when reviewing individual physicians. NetDiver provides users with interactive analysis capabilities to identify outliers – both positive and negative – in areas such as quality, safety, utilization, and patient satisfaction. Support a self-service reporting and analysis environment and speed the overall decision-making process by allowing users to answer their own questions of the data without IS/IT intervention.

Physician Specialty	Case Count	ALOS	Current ALOS	Expected ALOS	Index
Subtotal	185,696	5.14	4.90	1.05	
Emergency Medicine	1,400	4.37	4.87	0.90	
Pediatric Emergency Medicine	102	3.24	3.54	0.92	
Psychiatry	13,358	5.87	6.31	0.93	
Gynecological Oncology	654	3.71	3.88	0.96	
Geriatrics	788	4.78	4.87	0.98	
Diagnostic Radiology	144	4.01	4.05	0.99	
Pediatrics	13,946	2.76	2.72	1.01	
Internal Medicine	60,322	5.02	4.95	1.01	
Cardiology	3,602	4.91	4.77	1.03	
Family Medicine	9,094	5.14	4.95	1.04	
Interventional Cardiology	6,266	5.02	4.79	1.05	
Vascular Surgery	2,128	6.71	6.18	1.08	
Pediatric Cardiology	1,450	6.40	5.86	1.09	
General Vascular Surgery	1,216	5.97	5.47	1.09	
Obstetrics & Gynecology	19,360	2.97	2.71	1.10	
Pulmonary Critical Care	5,566	6.79	6.18	1.10	
Nephrology	9,678	7.70	7.01	1.10	
Pediatric Neurosurgery	204	13.42	12.18	1.10	
Interventional Radiology	900	6.08	5.50	1.11	
Gynecology	368	2.83	2.54	1.11	
Hematology	598	6.90	6.18	1.12	
Radiology	7,370	5.43	4.85	1.12	
Neurological Surgery	2,664	5.62	5.01	1.12	
Orthopedic Surgery	9,792	5.00	4.45	1.12	

▲ NETDIVER - WEB BASED ANALYSIS:

BY USING NETDIVER, DI'S WEB-BASED ANALYTICS INTERFACE, USERS CAN PERFORM ADDITIONAL AD HOC ANALYSIS TO ANSWER THEIR OWN QUESTIONS OF THE DATA. THE CONSOLE SHOWN ON THE RIGHT DISPLAYS THE VARIOUS DIMENSIONS OF DATA THAT ARE AVAILABLE TO THE END USER THROUGH SIMPLE POINT AND CLICK NAVIGATION.

ABOUT DIMENSIONAL INSIGHT Dimensional Insight is the leading provider of integrated business intelligence and performance management solutions that empower information consumers throughout the enterprise with data-driven decision making abilities. Our cost effective BI platform rapidly delivers performance dashboards, self-service reporting, ad hoc analytics, and data integration capabilities to support any technical or user-defined requirement. With Dimensional Insight, hospitals and health systems are able to immediately realize the benefits of next-generation BI tools and better manage the total cost of ownership of their BI applications. The Diver Solution's healthcare applications include:

- Quality/Outcomes
- Patient satisfaction
- Utilization
- Productivity
- Denials management
- Revenue Cycle
- Staffing/Overtime analysis
- Disease management
- Service line reporting
- Supply chain
- Physician Performance Advisor
- Surgery/ OR Dashboards

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