Treatment approaches, the amount of care provided and total cost to patients for a specific illness can vary widely by doctor and hospital. In the wake of the Affordable Care Act, the state of Arkansas believed narrowing these differences within its Medicaid program — and offering doctors incentives to do so — could help reduce costs, provide better care and potentially revolutionize health care delivery.

To aid the state’s efforts, General Dynamics Health Solutions crafted an advanced analytics solution, Quality Care Insight, to collect clinical and quality data from doctors and hospitals, and then share the results and related best practices with those providers. Using the Quality Care Insight tool, providers can learn how they and their peers address specific health concerns, such as congestive heart failure or hip replacement surgery, and related treatments, costs and outcomes. Using the General Dynamics Health Solutions Quality Care Insight tool, Arkansas providers fine-tuned their treatments to improve patient outcomes, drive down costs and achieve savings.

**Propelling Results**

With its ability to integrate clinical, quality and administrative data for a holistic view of patients, Quality Care Insight is helping Arkansas move from a fee-for-service model to a value-based health care system. Results include:

- **Reduced Medicaid costs** resulting in a savings of approximately $720 million in the last three years
- **Reduced antibiotics** use for unspecified upper respiratory infections by 23.5 percent
- **Improved screening** of pregnant women for chlamydia by 9.3 percent, and decreased the C-section rate by 7.4 percent
- **Improved conditions for heart failure** patients by reducing readmissions by 6.1 percent and decreasing 30-day outpatient observation care by 7.9 percent

Quality Care Insight helps agencies and providers connect the dots between individual patients, health care services and overall population health. This integration of data has led to improved outcomes and significant cost savings throughout the Arkansas Medicaid Program.

**One-Stop Application: Quality Care Insight**

The General Dynamics Health Solutions Quality Care Insight solution acts as a one-stop application for health care data and services, including:

- Bundled payment calculations
- Analytics and dashboard reporting in real time
- Quality metrics for payers and provider systems
- Drill-down reporting, customizable to a user’s role or identity
- Content aggregated from multiple data sources
- Notifications and alerts via email and dashboards