

Solutions for a Modernized Health Care System

INTEGRATE DATA, ANALYTICS, AND TECHNOLOGY

A modernized health care system relies on a modern infrastructure that supports insightful, efficient care delivery and a better consumer experience. Harnessing the power of integrated data and analytics, combined with enabling technology and innovation, will help make the health care system more connected, informed and effective, consistent with the following core principles:

- Optimize public resources
- Modernize government health care programs
- Build upon the foundation of employer-based health coverage
- Employ progressive approaches to health care benefits
- Modernize the way care is delivered to improve affordability and quality
- Make technology an enabling force for better health care

UTILIZE DATA AND TECHNOLOGY TO IMPROVE CONSUMERS' HEALTH AND HEALTH CARE EXPERIENCES

Across the health care system, deploy solutions that promote broader adoption of consumer-oriented health care technology and yield improvements to care quality and consumer engagement. For example:

- Foster broader adoption of telemedicine in public programs by **allowing Medicare and Medicaid payment for telemedicine services** in all settings as well as payment for clinically appropriate remote monitoring services, which will expand beneficiaries' access to care.
- Support sustainable efforts to **expand consumers' access to health technology tools**, such as mobile applications, wearable devices and remote monitoring tools, to connect consumers to care outside of a clinical setting, enable more informed care coordination, and promote greater consumer engagement in their health and wellness.
- **Support privacy rules** that allow consumers to receive health information from providers in preferred formats, such as text messages or email, so as to encourage consumers to become more engaged in their health and involved in health care decisions.
- **Organize easy-to-understand information and decision support tools around individuals** to inform their choices and help them more effectively access and navigate the health care system.
- **Deploy integrated, data-driven tools** and platforms within provider settings so as to better connect a patient to their care team and **support the creation of easy-to-understand care instructions** and personalized care plans.
- Support efforts by health care organizations to **securely collect and aggregate the full spectrum of an individual's historical and current data**, including claims, medical, and biometric data, to create a "whole person" view that enables better patient identification and identification of potential risk factors, improves the targeting of interventions, and promotes care management and treatment approaches that more closely reflect an individual's needs and circumstances.

To better manage the health of populations, adopt solutions that expand the use of integrated data and information so as to better identify and act upon the risks, trends, and circumstances affecting the health of communities. For example:

- Working in collaboration with appropriate private sector entities, **create and use federal patient registries** for specific conditions or diseases (e.g., breast cancer, Alzheimer's, diabetes). Combine this registry data with claims data to robustly assess the comparative effectiveness of different treatment options and **develop standardized, data-driven treatment protocols**.
- **Adopt automated clinical systems and tools**, such as order entry and decision support, to improve health care quality and consistency and reduce the risk of human error. Further, use automated tools to support the use of standardized treatment protocols and evidence-based care plans, which increase the predictability of health outcomes and allow for better identification of care gaps or deviations.

PROMOTE GREATER CONNECTIVITY WITH SECURE HEALTH INFORMATION EXCHANGE

Improve connectivity across health care stakeholders through new solutions and approaches that enable information to be shared securely and utilized effectively. For example:

- **Promote robust health information exchange** by leveraging common data standards that allow for seamless and secure data transmission, and **enforce connectivity as a requirement** across stakeholders by implementing stronger rules around required electronic medical record functionality and **discouraging information blocking**.
- Incent a **transition to complete paperless administration** that utilizes intelligent and integrated data analytics to detect waste, fraud and abuse.
- **Support privacy laws that encourage secure and flexible access, use, and sharing** of health information among providers, health plans, and others involved in a patient's care to improve health care coordination and quality.
- **Encourage aggregation and analysis of existing silos of data across the health care system** to better target clinical care and focus limited resources on improving health outcomes.
- **Support a common approach to streamlining the current patchwork of state privacy and data breach laws** and applying general principles across all industries.
- **Support health care stakeholders in safeguarding health information and data** through tools such as encryption, identity and access management, and cyber defense technologies, in a manner that accurately matches security risks with the appropriate use of physical, technical, administrative and process safeguards to prevent the improper access or use of data.
- **Adopt legal safe harbors** for providers and organizations that adopt interoperable health information technology and demonstrate a reasonable approach to protecting data.