

Health Outcomes Policy Priority	Care Goals	2011 ¹ Objectives <i>Goal is to electronically capture in coded format and to report health information and to use that information to track key clinical conditions</i>		2011 ¹ Measures	2013 Objectives <i>Goal is to electronically capture in coded format and to report health information and to use that information to track key clinical conditions</i>		2013 Measures	2015 Objectives <i>Goal is to achieve and improve performance and support care processes and on key health system outcomes</i>	2015 Measures
		Eligible Providers	Hospitals		Eligible Providers	Hospitals			
Improve quality, safety, efficiency, and reduce health disparities	<ul style="list-style-type: none"> Provide access to comprehensive patient health data for patient's health care team Use evidence-based order sets and CPOE Apply clinical decision support at the point of care 	<ul style="list-style-type: none"> Use CPOE for all orders² Implement drug-drug, drug-allergy, drug-formulary checks Maintain an up-to-date problem list of current and active diagnoses based on ICD-9 or SNOMED Generate and transmit permissible prescriptions 	<ul style="list-style-type: none"> 10% of all orders (any type) directly entered by authorizing provider (e.g., MD, DO, RN, PA, NP) through CPOE² Implement drug-drug, drug-allergy, drug-formulary checks Maintain an up-to-date problem list of current and active diagnoses based on ICD-9 or SNOMED 	<ul style="list-style-type: none"> Report quality measures to CMS including: <ul style="list-style-type: none"> % diabetics with A1c under control [EP] % hypertensive patients with BP under control [EP] % of patients with LDL under control [EP] % of smokers offered smoking cessation counseling [EP, IP] 	<ul style="list-style-type: none"> Use CPOE for all orders Use evidence-based order sets Manage chronic conditions using patient lists and decision support Provide clinical decision support at the point of care 	<ul style="list-style-type: none"> Use CPOE for all order types Use evidence-based order sets Record clinical documentation in EHR Generate and transmit permissible discharge prescriptions electronically Manage chronic conditions using patient lists and decision support Provide clinical decision support at the point of care 	<ul style="list-style-type: none"> Additional quality reports using HIT-enabled NQF-endorsed quality measures [EP, IP] % of all orders entered by physicians through CPOE [EP, IP] Potentially preventable Emergency Department Visits and Hospitalizations [IP] Inappropriate 	<ul style="list-style-type: none"> Achieve minimal levels of performance on quality, safety, and efficiency measures Implement clinical decision support for national high priority conditions Medical device interoperability Multimedia support (e.g., x-rays) 	<ul style="list-style-type: none"> Clinical outcome measures (TBD) [OP, IP] Efficiency measures (TBD) [OP, IP] Safety measures (TBD) [OP, IP]

¹ The HIT Policy Committee recommends that incentives be paid according to an "adoption year" timeframe rather than a calendar year timeframe. Under this scenario, qualifying for the first-year incentive payment would be assessed using the "2011 Measures." The payment rate and phaseout of payments would follow the calendar dates in the statute, but qualifying for incentives would use the "adoption-year" approach.

² CPOE requires computer-based entry by providers of orders (medication, laboratory, procedure, diagnostic imaging, immunization, referral) but electronic interfaces to receiving entities are not required in 2011

³ Race and ethnicity codes should follow federal guidelines (see Census Bureau)

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		Eligible Providers electronically (eRx)	Hospitals		Eligible Providers (e.g., reminders, alerts)	Hospitals (e.g., reminders, alerts)			
	<ul style="list-style-type: none"> Generate lists of patients who need care and use them to reach out to patients (e.g., reminders, care instructions, etc.) Report to patient registries for quality improvement, public reporting, etc. 	<ul style="list-style-type: none"> Maintain active medication list Maintain active medication allergy list Record demographics: <ul style="list-style-type: none"> o preferred language o insurance type o gender o race³ o ethnicity Record advance directives Record vital signs: <ul style="list-style-type: none"> o height o weight o blood pressure Calculate and display: <ul style="list-style-type: none"> o BMI 	<ul style="list-style-type: none"> Maintain active medication list Maintain active medication allergy list Record demographics: <ul style="list-style-type: none"> o preferred language o insurance type, o gender o race³ o ethnicity Record advance directives Record vital signs: <ul style="list-style-type: none"> o height o weight o blood pressure Calculate and display: <ul style="list-style-type: none"> o BMI 	<ul style="list-style-type: none"> % of patients with recorded BMI [EP] % eligible surgical patients who receive VTE prophylaxis [IP] % of orders (for medications, lab tests, procedures, radiology, and referrals) entered directly by physicians through CPOE Use of high-risk medications (Re: Beers criteria) in the elderly % of patients 	<ul style="list-style-type: none"> Specialists report to relevant external disease (e.g., cardiology, thoracic surgery, cancer) or device registries, approved by CMS 	<ul style="list-style-type: none"> Specialists report to relevant external disease (e.g., cardiology, thoracic surgery, cancer) or device registries Conduct closed loop medication management, including eMAR and computer-assisted administration 	<ul style="list-style-type: none"> use of imaging (e.g., MRI for acute low back pain) [EP, IP] Other efficiency measures (TBD) [EP, IP] 		

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		Eligible Providers	Hospitals		Eligible Providers	Hospitals			
		<ul style="list-style-type: none"> Record smoking status Incorporate lab-test results into EHR as structured data Generate lists of patients by specific conditions to use for quality improvement, reduction of disparities, and outreach Report ambulatory quality measures to CMS Send reminders to patients per patient preference for preventive/ follow up care Implement one clinical decision rule 	<ul style="list-style-type: none"> Record smoking status Incorporate lab-test results into EHR as structured data Generate lists of patients by specific conditions Report hospital quality measures to CMS Implement one clinical decision rule 	<ul style="list-style-type: none"> over 50 with annual colorectal cancer screenings [EP] % of females over 50 receiving annual mammogram [EP] % patients at high-risk for cardiac events on aspirin prophylaxis [EP] % of patients who received flu vaccine [EP] % lab results incorporated into EHR in 					

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		relevant to specialty or high clinical priority <ul style="list-style-type: none"> Document a progress note for each encounter Check insurance eligibility electronically from public and private payers, where possible Submit claims electronically to public and private payers. 	related to a high priority hospital condition <ul style="list-style-type: none"> Check insurance eligibility electronically from public and private payers, where possible Submit claims electronically to public and private payers. 	coded format [EP, IP] <ul style="list-style-type: none"> Stratify reports by gender, insurance type, primary language, race ethnicity [EP, IP] % of all medications, entered into EHR as generic, when generic options exist in the relevant drug class [EP, IP] % of orders for high-cost imaging services with specific structured indications recorded [EP, 					

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				IP] <ul style="list-style-type: none"> • % claims submitted electronically to all payers [EP, IP] • % patient encounters with insurance eligibility confirmed [EP, IP] 					
Engage patients and families	<ul style="list-style-type: none"> • Provide patients and families with timely access to data, knowledge, and tools to make informed 	<ul style="list-style-type: none"> • Provide patients with an electronic copy of their health information (including lab results, problem list, medication lists, allergies) upon request⁴ • Provide patients 	<ul style="list-style-type: none"> • Provide patients with an electronic copy of their health information (including lab results, problem list, medication lists, allergies, discharge summary, procedures), upon request⁴ • Provide patients 	<ul style="list-style-type: none"> • % of all patients with access to personal health information electronically [EP, IP] • % of all patients with access to patient-specific educational 	<ul style="list-style-type: none"> • Access for all patients to PHR populated in real time with health data • Offer secure patient-provider messaging capability • Provide access to 	<ul style="list-style-type: none"> • Access for all patients to PHR populated in real time with patient health data • Provide access to 	<ul style="list-style-type: none"> • % of patients with full access to PHR populated in real time with EHR data [OP, IP] • Additional patient access and experience reports using NQF-endorsed 	<ul style="list-style-type: none"> • Patients have access to self-management tools • Electronic reporting on experience of care 	<ul style="list-style-type: none"> • NPP quality measures, related to patient and family engagement [OP, IP]

⁴ Electronic access to and copies of may be provided by a number of secure electronic methods (e.g., PHR, patient portal, CD, USB drive)

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	decisions and to manage their health	<p>with timely electronic access to their health information (including lab results, problem list, medication lists, allergies)⁴</p> <ul style="list-style-type: none"> • Provide access to patient-specific education resources • Provide clinical summaries for patients for each encounter 	<p>with an electronic copy of their discharge instructions and procedures at time of discharge, upon request⁴</p> <ul style="list-style-type: none"> • Provide access to patient-specific education resources 	<p>resources [EP, IP]</p> <ul style="list-style-type: none"> • % of encounters for which clinical summaries were provided [EP] 	<p>patient-specific educational resources in common primary languages</p> <ul style="list-style-type: none"> • Record patient preferences (e.g., preferred communication media, advance directive, health care proxies, treatment options) • Documentation of family medical history, in compliance with GINA • Upload data from home monitoring device 	<p>patient-specific educational resources in common primary languages</p> <ul style="list-style-type: none"> • Record patient preferences (e.g., preferred communication media, advance directive, health care proxies, treatment options) • Documentation of family medical history, in compliance with GINA 	<p>HIT-enabled quality measures [EP, IP]</p> <ul style="list-style-type: none"> • % of patients with access to secure patient messaging [EP] • % of educational content in common primary languages [EP, IP] • % of all patients with preferences recorded [IP] • % of transitions where summary care record is shared [EP, IP] • Implemented 		

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		Eligible Providers	Hospitals		Eligible Providers	Hospitals			
							ability to incorporate data uploaded from home monitoring devices [EP]		
Improve care coordination	<ul style="list-style-type: none"> Exchange meaningful clinical information among professional health care team 	<ul style="list-style-type: none"> Capability to exchange key clinical information (e.g., problem list, medication list, allergies, test results), among providers of care and patient authorized entities electronically⁵ Perform medication reconciliation at relevant encounters and each transition of care⁶ 	<ul style="list-style-type: none"> Capability to exchange key clinical information (e.g., discharge summary, procedures, problem list, medication list, allergies, test results), among providers of care and patient authorized entities electronically⁵ Perform medication reconciliation at relevant encounters and each transition of care⁶ 	<ul style="list-style-type: none"> Report 30-day readmission rate [IP] % of encounters where med reconciliation was performed [EP, IP] Implemented ability to exchange health information with external clinical entity (specifically labs, care 	<ul style="list-style-type: none"> Retrieve and act on electronic prescription fill data Produce and share an electronic summary care record for every transition in care (place of service, consults, discharge) Perform medication reconciliation at each transition of care from one health care setting to another 	<ul style="list-style-type: none"> Retrieve and act on electronic prescription fill data Produce and share an electronic summary care record for every transition in care (place of service, consults, discharge) Perform medication reconciliation at each transition of care from one health care setting to another 	<ul style="list-style-type: none"> Access to comprehensive patient data from all available sources 10 % reduction in 30-day readmission rates for 2013 compared to 2012 Improvement in NQF-endorsed measures of care coordination. 	<ul style="list-style-type: none"> Access comprehensive patient data from all available sources 	<ul style="list-style-type: none"> Aggregate clinical summaries from multiple sources available to authorized users [OP, IP] NQF-endorsed Care Coordination Measures (TBD)

⁵ Health information exchange capability and demonstrated exchange to be specified by Health Information Exchange Work Group of HIT Policy Committee.

⁶ Transition of care defined as moving from one health care setting or provider to another

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		Eligible Providers	Hospitals		Eligible Providers	Hospitals				
				summary and medication lists) [EP, IP] <ul style="list-style-type: none"> % of transitions in care for which summary care record is shared (e.g., electronic, paper, e-Fax) [EP, IP] 						
Improve population and public health	<ul style="list-style-type: none"> Communicate with public health agencies 	<ul style="list-style-type: none"> Capability to submit electronic data to immunization registries and actual submission where required and accepted.⁷ Capability to provide electronic syndromic surveillance data to public health agencies and actual 	<ul style="list-style-type: none"> Capability to submit electronic data to immunization registries and actual submission where required and accepted.⁷ Capability to provide electronic submission of reportable lab results to public health agencies and 	<ul style="list-style-type: none"> Report up-to-date status for childhood immunizations [EP]⁷ % reportable lab results submitted electronically [IP] 	<ul style="list-style-type: none"> Receive immunization histories and recommendations from immunization registries⁷ Receive health alerts from public health agencies Provide sufficiently anonymized electronic syndrome 	<ul style="list-style-type: none"> Receive immunization histories and recommendations from immunization registries⁷ Receive health alerts from public health agencies Provide sufficiently anonymized electronic syndrome 	<ul style="list-style-type: none"> % of patients for whom an assessment of immunization need and status has been completed during the visit [EP]⁷ % of patients for whom a public health alert should have 	<ul style="list-style-type: none"> Use of epidemiologic data Automated real-time surveillance (adverse events, near misses, disease outbreaks, bioterrorism) 	<ul style="list-style-type: none"> HIT-enabled population measures [OP, IP] HIT-enabled surveillance measure [OP, IP] 	

⁷ Applicability to Medicare versus Medicaid meaningful use is to be determined

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		transmission according to applicable law and practice	actual submission where it can be received. <ul style="list-style-type: none"> • Capability to provide electronic syndromic surveillance data to public health agencies and actual transmission according to applicable law and practice 		surveillance data to public health agencies with capacity to link to personal identifiers	surveillance data to public health agencies with capacity to link to personal identifiers	triggered and audit evidence that a trigger appeared during the encounter	<ul style="list-style-type: none"> • Clinical dashboards • Dynamic and Ad hoc quality reports 	
Ensure adequate privacy and security protections for personal health information	<ul style="list-style-type: none"> • Ensure privacy and security protections for confidential information through operating 	<ul style="list-style-type: none"> • Compliance with HIPAA Privacy and Security Rules^{8,9} • Compliance with fair data sharing practices set forth in the <u>Nationwide Privacy and Security Framework</u> 	<ul style="list-style-type: none"> • Compliance with HIPAA Privacy and Security Rule^{8,9} • Compliance with fair data sharing practices set forth in the <u>Nationwide Privacy and Security Framework</u> 	<ul style="list-style-type: none"> • Full compliance with HIPAA Privacy and Security Rules • Conduct or update a security risk assessment 	<ul style="list-style-type: none"> • Use summarized or de-identified data when reporting data for population health purposes (e.g., public health, quality reporting, and research), where appropriate, so that important information is 		<ul style="list-style-type: none"> • Provide summarized or de-identified data when reporting data for health purposes (e.g., public health, quality reporting, and research), 	<ul style="list-style-type: none"> • Provide patients, on request, with an accounting of treatment, payment, and health care operations disclosures 	<ul style="list-style-type: none"> • Provide patients, on request, with a timely accounting of disclosures for treatment,

⁸ The HIT Policy Committee recommends that CMS withhold meaningful use payment for any entity until any confirmed HIPAA privacy or security violation has been resolved

⁹ The HIT Policy Committee recommends that state Medicaid administrators withhold meaningful use payment for any entity until any confirmed state privacy or security violation has been resolved

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		Eligible Providers	Hospitals		Eligible Providers	Hospitals			
on	<p>policies, procedures, and technologies and compliance with applicable law.</p> <ul style="list-style-type: none"> Provide transparency of data sharing to patient. 			and implement security updates as necessary	available with minimal privacy risk.		where appropriate, so that important information is available with minimal privacy risk.	<ul style="list-style-type: none"> Protect sensitive health information to minimize reluctance of patient to seek care because of privacy concerns. 	<p>payment, and health care operations, in compliance with applicable law.</p> <ul style="list-style-type: none"> Incorporate and utilize technology to segment sensitive data