

Meaningful Use Capability by Specialty

November 28, 2011

Legend

Red Font	New Requirement
Blue shade	Hospital requirement
Green shade	Few problems meeting
Yellow shade	Some problems meeting
Red shade	Very hard to impossible to meet
Y	Yes, can meet requirement or yes, requirement is applicable
M	Can maybe meet requirement
N	Can not meet requirement or would be extremely hard
E	Exemption applies
Need E	Needs exemption
Blank Cell	No response received

Examples	Y	Can meet requirement but would be very hard or requirement is applicable but very hard to meet
	Y	Can meet requirement or requirement is applicable and few problems meeting it
	Y	Yes, can meet requirement or requirement is applicable but there are some challenges to

DISCLAIMER: The intention of this document is to share initial feedback from many but not all medical specialty organizations surveyed on the Stage 1 and proposed Stage 2 meaningful use measures. This feedback is intended to represent each specialist's readiness per measure and is not intended to represent an individual specialist's ability to meet MU in its entirety. The criteria in total have additional challenges such as change capacity and aggressive timelines. Also it is important to realize that physicians and practices within a specialty have different resources and are in different stages of health IT adoption, which may make achieving a MU criterion easier or harder than outline in this document. Physicians have just started to participate in the Stage 1 of the meaningful use incentive program so additional surveying is needed to fully assess physicians' abilities to meet the Stage 1 program requirements. We urge HHS to survey physicians who elected to participate and those who elected not to participate during Stage 1 of the incentive program and identify barriers to and solutions for physician participation prior to moving to Stage 2.

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro- enterologists ³	Geriatricians	Home Care Physicians ⁴
CPOE								
<i>Stage 1</i>								
Ability to meet	E		M	Y	Y	Y	N	M
Applicability	N		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet	Need E	Y	M	Y	Y	Y	N	M
Applicability	N	M	Y	Y	Y		N	Y
Drug-drug & drug-allergy checks								
<i>Stage 1</i>								
Ability to meet	N		Y	Y	Y	Y	M	M
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		Y	Y	Y	Y	Y	M	M
Applicability		Y	Y	Y	Y		Y	Y
e-Prescribing								
<i>Stage 1</i>								
Ability to meet	N		M	Y	Y	Y	N	M
Applicability	N		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		Y	M	Y	Y	Y	N	
Applicability		Y	Y	Y	Y		Y	
Record demographics								
<i>Stage 1</i>								
Ability to meet	Y	Y	Y	Y	Y	Y	Y	M
Applicability	Y	Y	Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet			Y	Y	Y	Y	Y	M
Applicability			Y	Y	Y		Y	M

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro-enterologists ³	Geriatricians	Home Care Physicians ⁴
Report ambulatory quality measures								
<i>Stage 1</i>								
Ability to meet	N		Y	Y	Y	Y	M	
Applicability	Y		Y	N	Y		Y	
<i>Stage 2</i>								
Ability to meet			Y	Y	Y	M	M	
Applicability			Y	N	Y		Y	
Maintain an up-to-date problem list								
<i>Stage 1</i>								
Ability to meet	Y		Y	Y	Y	Y	Y	M
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		Y	Y	Y	Y	Y	M	M
Applicability			Y	Y	Y		Y	Y
Maintain active medication list								
<i>Stage 1</i>								
Ability to meet	Y		Y	Y	Y	Y	Y	M
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		Y	Y	Y	Y	Y	M	M
Applicability			Y	Y	Y		Y	Y
Maintain active medication allergy list								
<i>Stage 1</i>								
Ability to meet	Y	Y	Y	Y	Y	Y	Y	M
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet			Y	Y	Y	Y	M	M
Applicability			Y	Y	Y		Y	Y

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro- enterologists ³	Geriatricians	Home Care Physicians ⁴
Record vital signs								
<i>Stage 1</i>								
Ability to meet	N		Y	E	Y	Y	Y	M
Applicability	N		Y	N	Y		Y	M
<i>Stage 2</i>								
Ability to meet		E	Y	N	Y	Y	Y	M
Applicability		N	Y	N	Y		Y	M
Record smoking status								
<i>Stage 1</i>								
Ability to meet	Y		Y	Y	Y	Y	Y	M
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet			Y	Y	Y	Y	Y	M
Applicability			Y	Y	Y		Y	Y
Implement clinical decision support								
<i>Stage 1</i>								
Ability to meet	Y		Y	Y	Y	Y	N	M
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		M	Y	Y	Y	M	N	M
Applicability		M	Y	Y	Y		Y	Y
Implement drug-formulary checks								
<i>Stage 1</i>								
Ability to meet	E		Y	Y	Y	N	N	
Applicability	N		Y	Y	Y	N	Y	
<i>Stage 2</i>								
Ability to meet		Y	Y	Y	Y	Y	N	
Applicability		Y	Y	Y	Y	M	Y	

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro-enterologists ³	Geriatricians	Home Care Physicians ⁴
Record Advance Directive								
Stage 1								
Ability to meet				Y	Y	Y		
Applicability				Y		Y		
Stage 2								
Ability to meet			Y	N	Y	Y	M	M
Applicability			Y	N	Y		Y	Y
Incorporate clinical lab-test results								
Stage 1								
Ability to meet	Y		Y	Y	Y	Y	M	M
Applicability	Y		Y	Y	Y		Y	Y
Stage 2								
Ability to meet		Y	Y	Y	Y	M	M	M
Applicability		Y	Y	Y	Y		Y	M
Generate lists of patients								
Stage 1								
Ability to meet			Y	Y	Y	N	Y	M
Applicability			Y	Y	Y		Y	Y
Stage 2								
Ability to meet	Y	M	Y	Y	Y	N	Y	M
Applicability	Y	M	Y	Y	Y		Y	Y
Send reminders to patients								
Stage 1								
Ability to meet	N		Y	Y	Y	N	N	M
Applicability	N		Y	Y	Y	Y	Y	Y
Stage 2								
Ability to meet		Y	Y	Y	Y	N	N	M
Applicability		Y	Y	Y	Y	Y	Y	Y

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastroenterologists ³	Geriatricians	Home Care Physicians ⁴
Electronic Note								
<i>Stage 2 (NEW)</i>								
Ability to meet		Y	Y	Y	Y	M	M	M
Applicability		Y	Y	Y	Y	Y	Y	Y
Provide patients with an electronic copy								
<i>Stage 1</i>								
Ability to meet	N		Y	Y	Y	Y	N	M
Applicability	N		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		N	Y	Y	Y	Y	N	M
Applicability		N	Y	Y	Y		Y	Y
Discharge Instructions								
<i>Stage 1</i>								
Ability to meet							N	
Applicability							Y	
<i>Stage 2</i>								
Ability to meet							N	
Applicability							Y	
Provide patient-specific education resources								
<i>Stage 1</i>								
Ability to meet	N		Y	Y	Y	Y	M	Y
Applicability	Y		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		Y	Y	Y	Y	Y	M	Y
Applicability		Y	Y	Y	Y		Y	Y

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro-enterologists ³	Geriatricians	Home Care Physicians ⁴
Provide clinical summaries								
<i>Stage 1</i>								
Ability to meet	E		Y	Y	Y	Y	M	M
Applicability	N		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		N	Y	M	Y	M	M	M
Applicability		M	Y	Y	Y		Y	M
Provide patients with electronic access								
<i>Stage 1</i>								
Ability to meet	N		Y	M	Y	Y	N	M
Applicability	N		Y	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		N	Y	M	Y	M	N	M
Applicability		N	Y	Y	Y	Y	Y	M
Provide timely electronic access & clinical summaries								
<i>Stage 2</i>								
Ability to meet		N	Y	Y	Y	Y	N	M
Applicability		N	Y	Y	Y		Y	M
Secure online messaging								
<i>Stage 2 (NEW)</i>								
Ability to meet		N	Y	Y	Y	Y	N	M
Applicability		Y	Y	Y	Y		Y	M
Patient Communication Preference								
<i>Stage 2 (NEW)</i>								
Ability to meet		Y	Y	Y	Y	Y	N	M
Applicability		Y		Y	Y		Y	Y
Electronic Self-management Tools								
<i>Stage 2 (NEW)</i>								
Ability to meet			Y	N	Y	N	N	M
Applicability			Y	Y	Y		Y	M

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro-enterologists ³	Geriatricians	Home Care Physicians ⁴
PHR data exchange								
<i>Stage 2 (NEW)</i>								
Ability to meet			Y	N	Y	N	N	M
Applicability			Y	Y	Y	N	Y	M
Patient Care Experience Reporting								
<i>Stage 2 (NEW)</i>								
Ability to meet			Y	N	Y	Y	N	M
Applicability			Y	Y	Y		Y	M
Patient Capability to upload data into EHRs								
<i>Stage 2 (NEW)</i>								
Ability to meet			Y	N	Y	Y	N	M
Applicability			Y	Y	Y		Y	M
Exchange key clinical information								
<i>Stage 1</i>								
Ability to meet	N		N	Y	Y	N	N	M
Applicability	Y		N	Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		N	N	Y	Y	N	N	M
Applicability		N	N	Y	Y	N	Y	M
Medication reconciliation								
<i>Stage 1</i>								
Ability to meet	N		Y	Y	Y	Y	M	M
Applicability	Y		Y	Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet		Y	Y	Y	Y	Y	M	M
Applicability		Y	Y	Y	Y	Y	Y	Y

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastroenterologists ³	Geriatricians	Home Care Physicians ⁴
Provide summary care record for transitions of care & referrals								
<i>Stage 1</i>								
Ability to meet	N		Y	Y	Y	Y	M	M
Applicability	Y		Y	Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet		Y		Y	Y	Y	M	M
Applicability		Y		Y	Y	Y	Y	Y
Care Team Members								
<i>Stage 2 (NEW)</i>								
Ability to meet			N	M	Y	Y	N	M
Applicability		M	Y	N	Y	Y	Y	Y
Longitudinal Care Plan								
<i>Stage 2 (NEW)</i>								
Ability to meet		N	N	N	Y	M	N	M
Applicability		N	N	N	Y		Y	Y
Submit electronic data to immunization registries								
<i>Stage 1</i>								
Ability to meet	N	E	E	Y	Y	M	N	M
Applicability	N	E	E	N	Y		Y	Y
<i>Stage 2</i>								
Ability to meet		M	M	N	Y	M	N	M
Applicability		M	M	N	Y		Y	Y
Submit reportable lab data								
<i>Stage 1</i>								
Ability to meet			E	Y	Y	M	N	?
Applicability			E	N	Y		Y	?
<i>Stage 2</i>								
Ability to meet			M	N	Y	M	N	
Applicability			M	N	Y		Y	

Dashboard Specialties A-H

REQUIREMENT	Anesthesiologists ¹	Cataract and Refractive Surgery Specialty	Chest Physicians	Dermatologists	Family Physicians ²	Gastro-enterologists ³	Geriatricians	Home Care Physicians ⁴
Provide electronic syndromic surveillance								
<i>Stage 1</i>								
Ability to meet	N		N	Y	Y	M	N	M
Applicability	N		N	N	Y		Y	Y
<i>Stage 2</i>								
Ability to meet				N	Y	M	N	M
Applicability				N	Y		Y	Y
Submit notifiable conditions ton								
<i>Stage 2</i>								
Ability to meet			N	N	Y		Y	M
Applicability			N	N	Y		Y	Y
Submit patient-generated data								
<i>Stage 2</i>								
Ability to meet				N	Y		M	
Applicability				N	Y		Y	
Protect electronic health info								
<i>Stage 1</i>								
Ability to meet	Y			Y	Y	Y	M	Y
Applicability	Y			Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet				Y	Y	Y	M	Y
Applicability				Y	Y	Y	Y	Y

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Report ambulatory quality measures								
<i>Stage 1</i>								
Ability to meet	N	Y		Y	Y	Y	N	Y
Applicability	N	Y		N	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	N	Y	M	M	Y	Y	N	M
Applicability	N	Y	N	N	Y	Y	Y	M
Maintain an up-to-date problem list								
<i>Stage 1</i>								
Ability to meet	Y	Y		M	Y	Y	Y	Y
Applicability	Y	Y		M	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	Y	M		Y	Y	Y
Applicability	Y	Y	Y	M		Y	Y	Y
Maintain active medication list								
<i>Stage 1</i>								
Ability to meet	Y	Y		Y	Y	Y	Y	Y
Applicability	Y	Y		Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	Y	Y		Y	Y	Y
Applicability	Y	Y	Y	Y		Y	Y	Y
Maintain active medication allergy list								
<i>Stage 1</i>								
Ability to meet	Y	Y		Y	Y	Y	Y	Y
Applicability	Y	Y		Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	Y	Y		Y	Y	Y
Applicability	Y	Y	Y	Y		Y	Y	Y

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Record vital signs								
<i>Stage 1</i>								
Ability to meet	Y	Y		E	Y	Y	N	Y
Applicability	Y	Y		M	Y	N	N	M
<i>Stage 2</i>								
Ability to meet	Y	Y	E	Need E	Y	M	N	N
Applicability	Y	Y	Need E	N	Y	N	N	M
Record smoking status								
<i>Stage 1</i>								
Ability to meet	Y	Y		Y	Y	Y	Y	Y
Applicability	N	Y		Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	M	Y	Y	Y	Y	Y
Applicability	N	Y	M	Y	Y	Y	Y	Y
Implement clinical decision support								
<i>Stage 1</i>								
Ability to meet	M	Y			Y	Y	M	Y
Applicability	M	Y		M	Y	N	M	Y
<i>Stage 2</i>								
Ability to meet	M	Y	Y		Y	N		N
Applicability	M	Y	Y	M	Y	N	M	N
Implement drug-formulary checks								
<i>Stage 1</i>								
Ability to meet	M	Y	Y	M		Y	Y	Y
Applicability	M	Y	Y	Y		Y	Y	Y
<i>Stage 2</i>								
Ability to meet	M	Y	Y	M	Y	Y	Y	N
Applicability	M	Y	Y	Y	Y	Y	Y	Y

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Record Advance Directive								
<i>Stage 1</i>								
Ability to meet	Y	Y						
Applicability	N	Y						
<i>Stage 2</i>								
Ability to meet	Y	Y		M		N		Y
Applicability	N	Y		Y		N		N
Incorporate clinical lab-test results								
<i>Stage 1</i>								
Ability to meet	Y	Y		N	Y	Y	M	
Applicability	Y	Y		Y	Y	N	M	
<i>Stage 2</i>								
Ability to meet	Y	Y	Y	N		M	M	Y
Applicability	Y	Y	Y	Y		N	M	Y
Generate lists of patients								
<i>Stage 1</i>								
Ability to meet	Y	Y		Y	Y	Y		
Applicability	Y	Y		Y	Y	Y		
<i>Stage 2</i>								
Ability to meet	Y	Y	M	Y		Y		N
Applicability	Y	Y	M	Y		Y		M
Send reminders to patients								
<i>Stage 1</i>								
Ability to meet	Y	Y		Y	Y	Y	Y	Y
Applicability	Y	Y		Y	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	N	Y		Y	Y	
Applicability	Y	Y	N	Y		Y	Y	
Electronic Note								
<i>Stage 2 (NEW)</i>								
Ability to meet	Y	Y	Y	M	Y	Y	M	M
Applicability	Y	Y	Y	M	Y	Y	M	M

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Provide patients with electronic access								
<i>Stage 1</i>								
Ability to meet	Y	Y		M	Y	Y	M	Y
Applicability	Y	Y		Y	Y	N	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	Y	M	Y	N	M	N
Applicability	Y	Y	Y	Y	Y	N	Y	N
Provide timely electronic access & clinical summaries								
<i>Stage 2</i>								
Ability to meet	Y	Y	Y	M		N	M	
Applicability	Y	Y	Y	Y		N	Y	
Secure online messaging								
<i>Stage 2 (NEW)</i>								
Ability to meet	Y		?	?	Y	N	M	N
Applicability	Y		Y	M	Y	N	M	Y
Patient Communication Preference								
<i>Stage 2 (NEW)</i>								
Ability to meet	N	Y	Y	M	M	Y	M	N
Applicability	Y	Y	Y	Y	M	Y	M	Y
Electronic Self-management Tools								
<i>Stage 2 (NEW)</i>								
Ability to meet	N	Y	M			N	N	
Applicability	Y	Y	M			N	N	
PHR data exchange								
<i>Stage 2 (NEW)</i>								
Ability to meet	N	Y				N	N	
Applicability	Y	Y				N	N	
Patient Care Experience Reporting								
<i>Stage 2 (NEW)</i>								
Ability to meet	N	Y	N			N		
Applicability	N	Y	Y			Y		

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Patient Capability to upload data into EHRs								
<i>Stage 2 (NEW)</i>								
Ability to meet	N	Y	N			N	N	
Applicability	N	Y	N			Y	N	
Exchange key clinical information								
<i>Stage 1</i>								
Ability to meet	N	Y		Y	Y		M	Y
Applicability	Y	Y		Y	Y		Y	Y
<i>Stage 2</i>								
Ability to meet	N	Y	N	M	N	N	M	N
Applicability	Y	Y	N	Y	N	Y	Y	N
Medication reconciliation								
<i>Stage 1</i>								
Ability to meet	Y	Y		E		Y	M	Y
Applicability	Y	Y		N		N	Y	Y
<i>Stage 2 (NEW)</i>								
Ability to meet	Y	Y	Y	Need E		Y	M	N
Applicability	Y	Y	Y	N		N	Y	Y
Provide summary care record for transitions of care & referrals								
<i>Stage 1</i>								
Ability to meet	Y	Y		Y	Y	Y	M	Y
Applicability	Y	Y		Y	Y	Y	Y	Y
<i>Stage 2 (NEW)</i>								
Ability to meet	Y	Y	Y	M		Y	M	Y
Applicability	Y	Y	Y	Y		Y	Y	Y
Care Team Members								
<i>Stage 2 (NEW)</i>								
Ability to meet	Y	Y	N	M	N	Y		Y
Applicability	Y	Y	M	Y	N	Y		Y
Longitudinal Care Plan								
<i>Stage 2 (NEW)</i>								
Ability to meet	Y	Y	M	M	N	Y	N	M
Applicability	Y	Y	M	M	N	Y	N	M

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Submit electronic data to immunization registries								
<i>Stage 1</i>								
Ability to meet	N	Y	E	E	E	Y	N	E
Applicability	Y	Y	E	N		N	N	E
<i>Stage 2</i>								
Ability to meet	N	Y	M	Need E		Need E	N	M
Applicability	Y	Y	N	N		N	N	M
Submit reportable lab data								
<i>Stage 1</i>								
Ability to meet	N	Y				E	N	
Applicability	Y	Y				N	N	
<i>Stage 2</i>								
Ability to meet	N	Y	M	M	Y	Need E	N	M
Applicability	Y	Y	M	M	Y	N	N	M
Provide electronic syndromic surveillance								
<i>Stage 1</i>								
Ability to meet	N	Y		M	E	E	N	E
Applicability	Y	Y		M	E	N	N	N
<i>Stage 2</i>								
Ability to meet	N	Y	Y	M		Need E	N	Need E
Applicability	Y	Y	Y	M		N	N	N
Submit notifiable conditions ton								
<i>Stage 2</i>								
Ability to meet	N	Y				N		
Applicability	Y	Y				N		
Submit patient-generated data								
<i>Stage 2</i>								
Ability to meet	N	Y	Y			N		
Applicability	N	Y	Y			N		

Dashboard Specialties I-O

REQUIREMENT	Infectious Disease ⁵	Internal Medicine ⁶	Neurology	Neuro Surgery	OB-GYN ⁷	Ophthalmology	Orthopaedic Surgeons ⁸	Otolaryngology
Protect electronic health info								
<i>Stage 1</i>								
Ability to meet	Y	Y		M	Y	Y	M	Y
Applicability	Y	Y		M	Y	Y	Y	Y
<i>Stage 2</i>								
Ability to meet	Y	Y	M			Y	M	Y
Applicability	Y	Y	Y			Y	Y	Y

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
CPOE					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	E	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Y	Y	Need E	Y
Applicability	N	Y	Y	N	M
Drug-drug & drug-allergy checks					
<i>Stage 1</i>					
Ability to meet	N	Y		M	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Y		M	Y
Applicability	N	Y	Y	N	Y
e-Prescribing					
<i>Stage 1</i>					
Ability to meet	N	Y		E	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Y	Y	Need E	Y
Applicability	N	Y	Y	N	Y
Record demographics					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	Y	Y
Applicability	N	Y	Y	Y	Y
<i>Stage 2</i>					
Ability to meet	N	Y	Y	N	Y
Applicability	N	Y	Y	N	Y

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Report ambulatory quality measures					
<i>Stage 1</i>					
Ability to meet	N	Y		Y	
Applicability		Y	Y	M	
<i>Stage 2</i>					
Ability to meet	N	M			
Applicability		M	Y		N
Maintain an up-to-date problem list					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	M	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Y	Y	M	Y
Applicability	N	Y	Y	N	Y
Maintain active medication list					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	M	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Y	Y	M	Y
Applicability	N	Y	Y	N	Y
Maintain active medication allergy list					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	M	Y
Applicability	N	Y	Y	Y	Y
<i>Stage 2</i>					
Ability to meet	N	Y	Y	M	Y
Applicability	N	Y	Y	Y	Y

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Record vital signs					
<i>Stage 1</i>					
Ability to meet	N	M	Y	E	
Applicability	N	Y	Y	N	
<i>Stage 2</i>					
Ability to meet	N	M	Y	Need E	
Applicability	N	Y	Y	N	
Record smoking status					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	M	
Applicability	N	Y	Y	N	
<i>Stage 2</i>					
Ability to meet	N	Y	Y	M	
Applicability	N	Y	Y	N	
Implement clinical decision support					
<i>Stage 1</i>					
Ability to meet		Y	N	Y	Y
Applicability		Y	M	Y	Y
<i>Stage 2</i>					
Ability to meet		M	N	N	Y
Applicability		M	M	N	Y
Implement drug-formulary checks					
<i>Stage 1</i>					
Ability to meet	N	Y		E	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Y		Need E	Y
Applicability	N	Y	Y	N	Y

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Record Advance Directive					
<i>Stage 1</i>					
Ability to meet	N				
Applicability	N				
<i>Stage 2</i>					
Ability to meet	N	M		N	Y
Applicability	N	M		N	Y
Incorporate clinical lab-test results					
<i>Stage 1</i>					
Ability to meet	N	E	Y	E	Y
Applicability	N	M	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	Need E	Y	Need E	Y
Applicability	N	M	Y	N	N
Generate lists of patients					
<i>Stage 1</i>					
Ability to meet	Y	Y	Y	Y	
Applicability	Y	Y	Y	M	
<i>Stage 2</i>					
Ability to meet	Y	Y	Y	M	
Applicability	Y	Y	Y	M	
Send reminders to patients					
<i>Stage 1</i>					
Ability to meet		M		M	Y
Applicability		M	Y	M	Y
<i>Stage 2</i>					
Ability to meet		M		M	Y
Applicability		M	Y	M	N
Electronic Note					
<i>Stage 2 (NEW)</i>					
Ability to meet	N	Y		M	
Applicability	N	Y		M	

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Provide patients with an electronic copy					
<i>Stage 1</i>					
Ability to meet		M		Y	Y
Applicability		M	Y	Y	Y
<i>Stage 2</i>					
Ability to meet		M		Y	Y
Applicability		M	Y	Y	
Discharge Instructions					
<i>Stage 1</i>					
Ability to meet	N				
Applicability	N				
<i>Stage 2</i>					
Ability to meet	N				
Applicability	N				
Provide patient-specific education resources					
<i>Stage 1</i>					
Ability to meet		Y		M	Y
Applicability		Y	Y	M	Y
<i>Stage 2</i>					
Ability to meet	N	Y		M	Y
Applicability	N	Y	Y	M	Y
Provide clinical summaries					
<i>Stage 1</i>					
Ability to meet	N	M		Y	Y
Applicability	N	Y	Y	N	Y
<i>Stage 2</i>					
Ability to meet	N	M		M	Y
Applicability	N	Y	Y	M	Y

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Provide patients with electronic access					
<i>Stage 1</i>					
Ability to meet	N	Y		Y	Y
Applicability	N	Y	Y	Y	Y
<i>Stage 2</i>					
Ability to meet	N	M		Y	Y
Applicability	N	M	Y	Y	Y
Provide timely electronic access & clinical summaries					
<i>Stage 2</i>					
Ability to meet	N	M		N	
Applicability	N	M	Y	N	
Secure online messaging					
<i>Stage 2 (NEW)</i>					
Ability to meet	N	M		N	
Applicability	N	M	Y	N	
Patient Communication Preference					
<i>Stage 2 (NEW)</i>					
Ability to meet	N	Y		N	
Applicability	N	Y	Y	N	
Electronic Self-management Tools					
<i>Stage 2 (NEW)</i>					
Ability to meet	N			M	
Applicability	N		Y	M	
PHR data exchange					
<i>Stage 2 (NEW)</i>					
Ability to meet	N			Y	
Applicability	N		Y	Y	
Patient Care Experience Reporting					
<i>Stage 2 (NEW)</i>					
Ability to meet	N			N	
Applicability	N		Y	N	

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Patient Capability to upload data into EHRs					
<i>Stage 2 (NEW)</i>					
Ability to meet	N			N	
Applicability	N		Y	N	
Exchange key clinical information					
<i>Stage 1</i>					
Ability to meet		Y		Y	
Applicability		Y	Y	Y	
<i>Stage 2</i>					
Ability to meet		M		M	
Applicability		Y	Y	M	
Medication reconciliation					
<i>Stage 1</i>					
Ability to meet	N	Y	Y	N	
Applicability	N	Y	Y	N	
<i>Stage 2</i>					
Ability to meet	N	Y	Y	N	
Applicability	N	Y	Y	N	
Provide summary care record for transitions of care & referrals					
<i>Stage 1</i>					
Ability to meet	N	Y		M	
Applicability	N	Y	Y	N	
<i>Stage 2</i>					
Ability to meet	N	Y		M	Y
Applicability	N	Y	Y	N	Y
Care Team Members					
<i>Stage 2 (NEW)</i>					
Ability to meet	N	M	N	N	
Applicability	N	M	Y	N	
Longitudinal Care Plan					
<i>Stage 2 (NEW)</i>					
Ability to meet	N	M	N	N	
Applicability	N	M	Y	N	

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Submit electronic data to immunization registries					
<i>Stage 1</i>					
Ability to meet	N	E	E	E	
Applicability	N	N	N	N	
<i>Stage 2</i>					
Ability to meet	N	Need E		Need E	
Applicability	N	N		N	
Submit reportable lab data					
<i>Stage 1</i>					
Ability to meet	Y	E	E	E	
Applicability	Y	N	N	N	
<i>Stage 2</i>					
Ability to meet	Y	Need E	Need E	Need E	
Applicability	Y	N	N	N	
Provide electronic syndromic surveillance					
<i>Stage 1</i>					
Ability to meet	N	E	E	E	
Applicability	N	N	N	N	
<i>Stage 2</i>					
Ability to meet	N	Need E	Need E	Need E	
Applicability	N	N	N	N	
Submit notifiable conditions ton					
<i>Stage 2</i>					
Ability to meet	N		M		
Applicability	N		M		
Submit patient-generated data					
<i>Stage 2</i>					
Ability to meet	N				
Applicability	N				

Dashboard Specialties P-Z

REQUIREMENT	Pathologists ⁹	Psychiatry	Radiation Oncology	Radiology ¹⁰	Surgeons
Protect electronic health info					
<i>Stage 1</i>					
Ability to meet	Y	Y		Y	Y
Applicability	Y	Y	Y	Y	Y
<i>Stage 2</i>					
Ability to meet	Y				Y
Applicability	Y		Y		Y

Footnotes

- 1 Anesthesiologists** Anesthesiologists: 1) Provides surgical anesthesia and writes fewer than 100 outpatient prescriptions per year; 2) Provides well over 10% of their covered services in an outpatient or ASC setting using POS code 22 or 24; 3) Work in entities with multiple facilities (hospitals and ASCs), with various ownership arrangements, that are traditionally responsible for supplying the anesthesia equipment, including technology, for each facility; and 4) Uses EHRs, if available, that may or may not interface with the other facilities where the anesthesiologist works.
- 2 Family Physicians** Family physicians as an aggregate group have a higher rate of EHR adoption than the general physician population. Having EHR technology in place does make it easier to achieve MU under the aggressive timelines. Without prior adoption of EHR technology, achieving MU in 2011 and 2012 will be an enormous challenge. In either case, having adopted or trying to adopt, the more flexibility, in which criteria are required, can make the achievement of MU more realistic for family physicians in stage 1 and beyond. Finally, some of the criteria require external entities to support the physician, namely for those criteria dealing with interoperability and continuity of care. It is important to not penalize physicians when it is the lack of support or health IT adoption by external entities that bars them from achieving MU.
- 3 Gastroenterologists** The majority of GI practices provide a significant portion of their services in ASCs which are not adequately addressed by the MU regulations. Only a small number of GI practices that mainly offer office-based services will be able to meet the majority of Stage 1 and 2 measures as long as there is a way to capture the physician's eligibility for the measure and the denominator calculation can be met.
- 4 Home Care Physicians** Most home care physicians practice in medicine in small independent practices in the community. Some of these communities where they practice lack consistent electronic access and also include related third parties involved in measure evaluation and success (such as labs and pharmacies, etc.) that similarly lack consistent access. Home care physicians often not linked to large integrated delivery systems nor are they employed beyond to their own practice in larger health systems that have enterprise wide electronic health records. It's unlikely most home care physicians will therefore be able to meet the MU requirements.
- 5 Infectious Disease** Hospital-based eligible professionals who furnish 90% or more of their services in either inpatient or emergency department do not qualify for Medicare or Medicaid EHR incentive payments. However, infectious disease physicians are very concerned about how this threshold will impact them. They are for the most part hospital-based and in many cases will come very close to the 90% mark but in some years are likely not to hit it. Since Medicare is planning to verify whether a physician is hospital-based each year, some physicians could conceivably meet the eligibility requirements in 2011 but then not meet them in 2012-2015. If infectious disease physicians are able to stay under the 90% threshold, however, putting aside the general concerns most small practitioners have (i.e. EHR adoption is time consuming, limited resources for implementation and staff training, etc.) they believe meeting the Stage 1 requirements are workable for many infectious disease physicians.
- 6 Internal Medicine** Internists feel it is reasonable to be expected to perform all of the activities for which measures are being proposed. However, each internist's ability to meet each measure will depend on how the measures are defined; whether they are in the Menu list or moved to Core (i.e., some of the Stage 1 Menu items should remain in Menu and lessons from the experience in Stage 1 should be applied prior to moving into Core for Stage 2); proper exclusion criteria; usability issues in practice; definitions of terms, to name a few. In general, internists support the objectives of Meaningful Use. Their concerns, however, are with inappropriate micro-management implicit in many proposed measures. If there is one area where internists are most concerned that the proposed measures are likely to violate the spirit of the objectives, it is the general area of patient engagement. The American College of Physicians is undertaking an examination of the evidence available regarding all of the activities that have been suggested in this arena, in hopes of being able to offer a more constructive approach.
- 7 OB-GYN** OB-GYNs will face difficulty meeting MU requirements because Medicare covers a small percentage of their patients. According to an April 2011 *Health Affairs* article, "More than four In five office-based Physicians Could Qualify For Federal Electronic Health Record Incentives," fewer than 64% of OB-GYNs may qualify for full EHR incentives. And, on average, fewer than 5% of OB-GYN income is from Medicare according to the Medical Group Management Association (MGMA).
- 8 Orthopaedic Surgeons** Only larger orthopaedic practices, especially those that are multi-specialty, will most likely be able to meet the MU stage 1 requirements. This represents about 8% of orthopaedic practices. It is extremely unlikely that 90% of orthopaedic surgeons in private practice will meet the requirements for MU in Stage 1.
- 9 Pathologists** As a result of the April 15, 2010, passage of the Continuing Extension Act of 2010, the definition of hospital-based changed from that proffered in the proposed rule. The Act modified the definition to exclude ambulatory services. CMS estimates that as a result of this change 73,000 outpatient hospital-service providing EPs became potentially eligible to participate in the incentive program, including most likely most pathologists. While the College of

Footnotes

American Pathologists has not formally surveyed their membership, based on conversations with CMS they te, believe that few would meet the definition of hospital-based and our members would therefore be eligible for incentives and penalties under the HITECH Act. However, pathologists generally use Laboratory Information Systems (LIS) and Anatomic Pathology Information Systems (APIS), which are not certifiable systems or modules under the Standards and Certification rule. They therefore (unless they have access to the full EHR, which is often beyond their control) cannot meet the eligibility requirement of using a certified system. Further, the Stage 1 objective Core and Menu Set objectives do not all have exclusions and some are impossible for pathologists to meet w/o access to the full EHR (e.g. reporting demographic data such as preferred language.) Any requirement that are created for primary care, such as those involving prescribed medications or maintaining EHR patient records, pathologists won't be able to meet. Also, the objectives on CPOE and laboratory structured data are written from the perspective of the ordering physician which are not

10 Radiologists

Also, almost all of the MU requirements are not clinically relevant to the work radiologists do. Radiologists must rely heavily on other providers needed for MU compliance and most (ie hospitals) are not willing to help with incentive-sharing proposals on the table from radiology practices. ONC's division of Ambulatory and Inpatient EHRs means that "hospital-located" eligible professionals will typically only have access to the EHRs certified for 45 CFR 170.302 and 306 (not 304). Those EPs will be unable to use their facility's products to comply with the EP version of the EHR Incentive Program unless the product happens to be a rare offering (like CPSI) that is certified as a Complete EHR for both Ambulatory and Inpatient uses. The debate over whether or not these "hospital-located" but not "hospital-based" individuals should receive the incentives is another discussion – they are certainly going to be penalized beginning in 2015 unless something changes (i.e., either ONC lets them use Inpatient EHRs for EP compliance, or CMS redefines "hospital-based" in such a way that does not involve POS Codes on claims).

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