Summary of Clinical Operations Workgroup Recommendations				
Subject Area	Recommended For Definitive 2011 Implementation	Recommended For Definitive 2013 Implementation	Recommended Directional Statement Of Intent For 2013 or 2015	Notes
Each entry in this column is a subject area that applies to one or more 2011 measures of meaningful use.	Each entry in this column describes standards that are recommended within a subject area for one or more 2011 measures of meaningful use. Where multiple standards or options are recommended, unless otherwise specified the standards are recommended only for the relevant use case scenarios specified by HITSP. These are recommended as firm 2011 implementation requirements for MU measures, as applicable.	Each entry in this column describes standards that are recommended within a subject area for one or more 2011 measures of meaningful use. These are recommended as firm 2013 implementation requirements for MU measures, as applicable. These standards are recommended to be documented immediately as 2013 requirements so that applicants for meaningful use of EHRs have sufficient time for implementation of the standards.	Each entry in this column is a recommended statement of direction, comprising guidance on expected future requirements. This guidance is not intended as a firm implementation requirement for 2013 or 2015.	
Summary Records, Clinical Reports, Encounter Messages, Radiology Messages, Allergies and Clinical Notes Content Exchange	HL7 CCD, or HL7 CDA templates, or HL7 2.5.1 messaging, as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Unstructured documents with HL7 CDA header such as PDF or free text or images of documents with HL7 CDA header in certain cases such as history & physical or consultation notes, or, local or proprietary exchange such as other HL7 v2 implementations in certain cases such as radiology messages	HL7 CCD or HL7 CDA templates or HL7 2.5.1 as specified by HITSP		

Clinical Problem and Procedure Vocabulary	SNOMED CT as specified by HITSP
	- or -
	Allowable alternatives for 2011 and 2012:
	   ICD-9, and/or CPT-4, and/or Local codes
	
	Problems and procedures specified in 2011 MU quality measures must be mappable to SNOMED CT or ICD-9 or CPT-4 as applicable for 2011 for quality reporting purposes.
		SNOMED CT as specified by HITSP
		- or -
		Allowable Alternatives for 2013
		    ICD-10 as per HIPAA rules
			SNOMED CT as specified by HITSP	

Other Vocabulary for Clinical Reports, Encounter Messages, Radiology Messages, Allergies and Notes	HL7 CCD or HL7 CDA template vocabulary or HL7 v2 vocabulary, or UNII for allergies, as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Free text or local vocabulary in certain cases	HL7 CCD or HL7 CDA template vocabulary or HL7 v2 vocabulary, or UNII for allergies, as specified by HITSP		
Medication Prescriptions And Other Medication Content Exchange	NCPDP Script 10.x for ambulatory and long term care messages, or HL7 2.51 for inpatient messages, or HL7 CCD or HL7 CDA for documents, as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Unstructured documents with HL7 CDA header in certain cases, e.g. medication history	NCPDP Script 10.x for ambulatory and long term care messages, or HL7 2.51 for inpatient messages, or CCD/CDA for documents, as specified by HITSP		
Medication Vocabulary	RxNorm as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Local and/or proprietary codes including NDC, FDB, and other codes for prescriptions. Medications and medication allergies specified in MU quality measures must be mappable to RxNorm for 2011 for quality reporting purposes.	RxNorm as specified by HITSP		NDF-RT and SPL implementation TBD. RxTerms are expected to be defined within RxNorm.
Clinical Laboratory Content Exchange	HL7 2.5.1 results to ordering provider, and/or HL7 CDA for documents, as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Local or proprietary exchange such as other HL7 v2 implementations	HL7 2.5.1 results to ordering provider, and/or HL7 CDA for documents, as specified by HITSP		
Clinical Laboratory Vocabulary	LOINC and UCUM and SNOMED CT and ancillary codes as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Local and/or proprietary codes	LOINC and UCUM and SNOMED CT and ancillary codes as specified by HITSP		
Administrative Content Exchange: Eligibility, Benefits, and Referrals	HIPAA X12 4010A1, and NCPDP Script 5.1, and CAQH CORE Phase I and Phase II - or - Allowable alternatives for 2011 and 2012: HIPAA X12 5010 and NCPDP Script 10.x per HIPAA rules, and CAQH CORE Phase I and Phase II	HIPAA X12 5010 and NCPDP Script 10.x as per HIPAA rules, and CAQH CORE Phase I and Phase II		
Administrative Vocabulary: Eligibility, Benefits, and Referrals	HIPAA X12 4010A1, and NCPDP Script 5.1, and CAQH CORE Phase I and Phase II - or - Allowable alternatives for 2011 and 2012: HIPAA X12 5010 and NCPDP Script 10.x per HIPAA rules, and CAQH CORE Phase I and Phase II	HIPAA X12 5010 and NCPDP Script 10.x as per HIPAA rules, and CAQH CORE Phase I and Phase II		
Public Health, Immunization, and Other Population Care Content Exchange	HL7 CCD, or HL7 CDA templates, or HL7 2.3.1 for immunization queries and vaccination updates, or HL7 2.5.1 messaging, as specified by HITSP - or - Allowable alternatives for 2011 and 2012: Unstructured documents with HL7 CDA header such as PDF or free text or images of documents with HL7 CDA header, or, local or proprietary exchange such as other HL7 v2 implementations in certain cases as above	HL7 CCD, or HL7 CDA templates, or HL7 2.3.1 for immunization queries and vaccination updates,or HL7 2.5.1 messaging, as specified by HITSP		

Public Health, Immunization, and Other Population Care Vocabulary	SNOMED CT, or HL7 CCD or HL7 CDA template vocabulary or HL7 v2 vocabulary as specified by HITSP
	- or -
	Allowable alternatives for 2011 and 2012:
	     ICD-9 or Free text or local vocabulary in certain cases as above
		SNOMED CT, or HL7 CCD or HL7 CDA template vocabulary or HL7 v2 vocabulary as specified by HITSP
		- or -
		Allowable alternative for 2013
		     ICD-10 in certain cases as above
			SNOMED CT, or HL7 CCD or HL7 CDA template vocabulary as specified by HITSP	

Quality Measure Reporting Content Exchange	CMS PQRI Registry XML Specification	CMS PQRI Registry XML Specification		QRDA is expected to be defined within the CMS PQRI specification.
Reportable Laboratory Results To Authorized Public Health Agencies Content Exchange	HL7 2.5.1 reportable results to authorized public health agencies	HL7 2.5.1 reportable results to authorized public health agencies		CDC GIPSE implementation tbd.