

6 KEY ACTION ITEMS

REPORTING FHIR DIGITAL QUALITY MEASURES (dQMs) TO NHSN

	CONNECTIVITY	ENABLE HL7® FHIR® R4 APIs required for reporting NHSN dQMs NHSN FHIR dQMs require specific NHSN dQM Requested APIs to be available and exposed in the EHR Production environment for accurate calculation of measures.
	INTEROPERABLE DATA EXCHANGE	ALIGN data with the HL7® FHIR® US Core Implementation Guide NHSN FHIR dQMs will transition to US Core version 6.1.0 and US QI Core version 6.0.0 in calendar year 2026. All FHIR data elements should be compliant with HL7® FHIR® US Core Standardized Terminology and the CDC NHSN dQM Content Package IG, most importantly for “Encounter”, “Medication”, “Observation”, and “Specimen” FHIR resource related profiles. <u>This includes data from third-party lab and pharmacy vendors where local codes are being used.</u>
	ACCURATE PATIENT IDENTIFICATION	NORMALIZE “Encounter” data elements to HL7® FHIR® US Core Standardized Terminology NHSN FHIR dQMs require Encounter.class (valueset), Encounter.class.history, Encounter.location (valueset), and Encounter.type data elements to be <u>complete</u> and normalized per standardized terminology (vs. local codes) for accurate identification of patients of interest for calculation of measures .
	ACCURATE LOCATION IDENTIFICATION	MAP FHIR hospital unit location to NHSN “HSLOC” codes HL7® FHIR® US Core Standardized Terminology NHSN FHIR dQMs require that local codes for FHIR hospital unit locations correlate to NHSN “HSLOC” codes to stratify measures by patient locations.
	ACCURATE CENSUS SUPPORT	ENABLE queries of patient lists to identify eligibility for NHSN FHIR dQMs NHSN FHIR dQMs require an accurate census report to identify patients of interest (including inpatient, emergency department visit, and observation encounters). Examples of ways to report the census include custom Epic API integration via FHIR List and an Oracle Cerner Command Language script to generate a CSV for consumption via SFTP.
	ACCURATE EVENT DETERMINATION	EXPOSE the MedicationAdministration Resource NHSN FHIR dQMs require medication administration data for accurate identification of medication exposures. The FHIR MedicationAdministration resource should be exposed for reporting dQMs to NHSN.