

CBE ID

3636

Title

Quarterly Reporting of COVID-19 Vaccination Coverage among Healthcare Personnel

Endorsement Status

Endorsed

Is Under Review

No

Next Maintenance Cycle

Spring 2029

Previous Endorsement Cycle

Spring 2023

Initial Endorsement

Tue, 07/26/2022 - 00:00

Steward

Surveillance Branch, Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

This quarterly measure identifies the average percentage of healthcare personnel (HCP) who are considered up to date with recommended COVID-19 vaccines among the total number of HCP who regularly work in the facility.

The measure is reported for a quarter (3-month period). The quarterly COVID-19 vaccination coverage is determined by selecting one week per month and calculating the percentage of HCP who are considered up to date with recommended COVID-19 vaccines, then averaging 3 weekly percentages (one week from each of the 3 months in the quarter).

1.7 Measure Type

Process

1.8 Level of Analysis

Facility

1.14 Numerator

The numerator for this measure consists of the cumulative number of HCP in the denominator population, who: 1. Are considered up to date with recommended COVID-19 vaccines administered at the healthcare facility; or 2. Are considered up to date with recommended COVID-19 vaccines administered elsewhere, based upon having reported in writing (paper or electronic) or provided documentation of being up to date with recommended COVID-19 vaccines. Up to date vaccination is defined by CDC Stay Up to Date with Your COVID-19 Vaccines | CDC and facilities are instructed to use the Up to Date definition as of the first day of the reporting quarter: <https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-508.pdf> As of June 27, 2022 (the beginning of the three-month period tested), up to date included: Persons aged <50 years who: - Received at least one booster dose, OR - Recently received all recommended doses in the primary vaccine series but are not yet eligible for a booster dose. This includes individuals who:- Completed their 2-dose primary vaccination series (Pfizer-BioNTech or Moderna vaccines) less than 5 months ago - Received a single dose of Janssen less than 2 months ago Persons aged ≥50 years who: - Received second booster dose (or received first booster dose less than 4 months ago and not yet eligible for a second booster dose), OR - Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose. This includes individuals who:- Completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago - Received a single dose of Janssen less than two months ago Notes: A completed primary vaccine series was defined as receiving a 2-dose series of an mRNA COVID-19 vaccine (Pfizer-BioNTech and Moderna), OR a single dose of Janssen COVID-19 vaccine. (The Novavax COVID-19 Vaccine was approved by the FDA on July 13, 2022. The Novavax COVID-19 Vaccine, Adjuvanted is administered as a two-dose primary series. Individuals who completed the Novavax primary series were considered up to date two weeks after the final dose in their primary series, since a booster dose was not yet recommended for anyone who has completed the Novavax primary series.) A booster dose is another dose of vaccine administered after receiving a primary vaccine series to enhance or restore protection which might have subsided over time. Individuals are considered up to date with their COVID-19 vaccines when they have received all doses in the primary series and all booster doses recommended for them, when eligible.

1.15 Denominator

The target population is the number of healthcare personnel (HCP) eligible to work in the healthcare facility for at least one day during the one-week data collection reporting period, excluding persons with contraindications/exclusions to COVID-19 vaccination. The quarterly reported measure includes at least one week of data collection a month for each of the 3 months in a quarter. The denominators are reported to NHSN by the HCP categories below: 1. Employees: all persons who receive a direct paycheck from the reporting facility (i.e., on the facility's payroll). 2. Licensed independent practitioners: include physicians (MD, DO), advanced practice nurses, and physician assistants only who are affiliated with the reporting facility who do not receive a direct paycheck from the reporting facility. 3. Adult students/trainees and volunteers include all students/trainees and volunteers aged 18 or over who do not receive a direct paycheck

from the reporting facility. 4. Other contract personnel: Facilities may also report on individuals who are contract personnel. However, reporting for this category is optional. Contract personnel are defined as persons providing care, treatment, or services at the facility through contract who do not fall into any of the above-mentioned denominator categories.

1.20 Types of Data Sources

Electronic Health Records, Other, Paper Patient Medical Records

6.1.2 Current or Planned Use(s)

Public Health/Disease Surveillance, Public Reporting, Regulatory and Accreditation Programs, Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

6.1.3 Current Use(s)

Public Health/Disease Surveillance, Public Reporting, Regulatory and Accreditation Programs

Exclusions

Exclusions include individuals with medical contraindications to COVID-19 vaccination.

Measure Disclaimer

N/A

Planned Use

Public Health/Disease Surveillance, Public Reporting, Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

Risk Adjustment

No risk adjustment or risk stratification

Target Population

Adults (Age \geq 18)

The measure developer is different from the measure steward

No

Steward Organization

Surveillance Branch, Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention

Steward POC email

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