

Proposed Changes to Existing Measure for HEDIS 2011: Use of Spirometry Testing in the Assessment and Diagnosis of COPD (SPR)

NCQA seeks comments on proposed modifications to the *Use of Spirometry Testing in the Assessment and Diagnosis of COPD* measure. The current measure assesses the percentage of members 40 years of age and older with a new diagnosis or newly active COPD, who received appropriate spirometry testing to confirm the diagnosis.

We propose adding table SPR-C, which contains visit codes, to *Use of Spirometry Testing in the Assessment and Diagnosis of COPD* to address the issue of ancillary providers billing for COPD.

The intent of the measure is to identify a newly diagnosis of COPD and determine if the appropriate provider who made the diagnosis used spirometry to confirm it. The proposed revision will link the codes used to identify a diagnosis of COPD with the appropriate setting.

Draft measure specifications showing the proposed changes are provided.

NCQA thanks and acknowledges the contributions of the Respiratory Measurement Advisory Panel.

Use of Spirometry Testing in the Assessment and Diagnosis of COPD (SPR)

SUMMARY OF CHANGES TO HEDIS 2011

- [Added visit table.](#)
- [Clarified IESD](#) definition.

Description

The percentage of members 40 years of age and older with a new diagnosis or newly active COPD₁ who received appropriate spirometry testing to confirm the diagnosis.

Definitions

Intake Period A 12-month window that begins on July 1 of the year prior to the measurement year and ends on June 30 of the measurement year. The Intake Period captures the first COPD diagnosis.

IESD Index Episode Start Date. The earliest date of service for any [eligible visit \(Table SPR-C\)](#) during the Intake Period with any diagnosis of COPD (Table SPR-A).

For an outpatient claim/encounter, the IESD is the date of service.

For an inpatient (acute or nonacute) claim/encounter, the IESD is the date of discharge.

For a transfer or readmission, the IESD is the discharge date of the original admission.

Negative Diagnosis History A period of 730 days (2 years) prior to the IESD (inclusive), during which the member had no claims/encounters containing any diagnosis of COPD (Table SPR-A). For an *inpatient (acute or nonacute) IESD*, use the date of admission to determine the Negative Diagnosis History.

Eligible Population

Product lines Commercial, Medicaid, Medicare (report each product line separately).

Ages 42 years or older as of December 31 of the measurement year.

Continuous enrollment 730 days (2 years) prior to the IESD through 180 days after the IESD.

Allowable gap One gap in enrollment of up to 45 days is allowed in each of the 12-month periods prior to the IESD or in the 6-month period after the IESD, for a maximum of two gaps total. To determine continuous enrollment for a Medicaid beneficiary for whom enrollment is verified monthly, the member may not have more than a 1-month gap in coverage (i.e., a member whose coverage lapses for 2 months [60 days] is not considered continuously enrolled).

Anchor date IESD.

Benefit Medical.

**Event/
diagnosis** The first COPD diagnosis [for any claim/encounter during the intake period](#). Follow the steps below to identify the eligible population for the measure.

Step 1 Identify all members who had [an outpatient, ED or acute inpatient visit \(Table SPR-C\)](#) with any diagnosis of COPD (Table SPR-A) during the Intake Period. If the member had more than one diagnosis of COPD, include only the first one.

Table SPR-A: Codes to Identify COPD

Description	ICD-9-CM Diagnosis
Chronic bronchitis	491
Emphysema	492
COPD	496

Table SPR-C: Codes to Identify Visit Type

Description	CPT ¹	UB Revenue
Outpatient	99201-99205, 99211-99215, 99217-99220, 99241-99245, 99341-99345, 99347-99350, 99384-99387, 99394-99397, 99401-99404, 99411, 99412, 99420, 99429, 99455, 99456	051x, 0520-0523, 0526-0529, 057x-059x, 077x, 082x-085x, 088x, 0982, 0983
Acute inpatient	99221-99223, 99231-99233, 99238, 99239, 99251-99255, 99291	010x, 0110-0114, 0119, 0120-0124, 0129, 0130-0134, 0139, 0140-0144, 0149, 0150-0154, 0159, 016x, 020x-022x, 072x, 080x, 0987
ED	99281-99285	045x, 0981

Step 2 Test for Negative Diagnosis History. Exclude members who had a claim/encounter with a COPD diagnosis during the 730 days (2 years) prior to the IESD. For an inpatient (acute or nonacute) IESD, use the date of admission to determine the Negative Diagnosis History.

Step 3 Calculate continuous enrollment. Members must be continuously enrolled in the organization 730 days (2 years) prior to the IESD through 180 days after the IESD.

Administrative Specification

Denominator The eligible population.

Numerator At least one claim/encounter with any code listed in Table SPR-B for spirometry in the 730 days (2 years) before the IESD to 180 days after the IESD.

Table SPR-B: Codes to Identify Spirometry Testing

Description	CPT
Spirometry	94010, 94014-94016, 94060, 94070, 94375, 94620

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Data Elements for Reporting

Organizations that submit HEDIS data to NCQA must provide the following data elements.

Table SPR-1/2/3: Data Elements for Use of Spirometry Testing in the Assessment and Diagnosis of COPD

	Administrative
Measurement year	✓
Data collection methodology (Administrative)	✓
Eligible population	✓
Numerator events by administrative data	✓
Reported rate	✓
Lower 95% confidence interval	✓
Upper 95% confidence interval	✓