

# ACO 15 - Pneumonia Vaccination Status for Older Adults

Percentage of patients 65 years of age and older who have ever received a pneumococcal vaccine

Improvement Notation	Higher score indicates better quality
Denominator	Patients 65 years of age and older with a visit during the measurement period
Numerator	Patients who have ever received a pneumococcal vaccination
Exclusions	Patients that expired or entered hospice during the reporting period.
Exceptions	None
Note	

Last updated 01/13/2017

## Reference Periods

Reference Date 02/12/2017

<b>Base Period</b>	02/12/2016 - 02/12/2017	12 months prior to the reference date
<b>Ever</b>	- 02/12/2017	Any time prior to the reference date
<b>Absolute Period Hm</b>	- 12/31/2014	
<b>Absolute Period Non-hm</b>	01/01/2015 -	

For help reading this document, refer to key on last page.

## Denominator

•

All codes indicating the following

See table D1



Happening during same encounter as the following

Happening during same encounter as the following

✓ PREV-8-Encounter, Office Visit or Outpatient

See table L1

AND

•

At least 65 years of age on start date of **Base Period** — 02/12/2016

## Numerator

	One code indicating the following for <b>Absolute Period Non-hm</b> — any time after 01/01/2015	
OR	✓ Pneumonia Vaccination from a non-Health Maintenance Source	See table N1
	One code indicating the following for <b>Absolute Period Non-hm</b> — any time after 01/01/2015 (sourceDataTypeList=PROCEDURE SURGICAL_HISTORY BILLING IMMUNIZATION NAME_VALUE_PAIR)	
OR	✓ Pneumonia Vaccination from a non-Health Maintenance Source	See table N2
	One code indicating the following for <b>Absolute Period Hm</b> — any time before 12/31/2014	
	✓ Pneumonia Vaccination from any Source	See table N3

## Exclusion

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017

✓ Deceased

[See table XCL1](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (dischargeDisposition=20)

✓ Deceased

[See table XCL2](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (dischargeDisposition=40)

✓ Deceased

[See table XCL2](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (dischargeDisposition=41)

✓ Deceased

[See table XCL2](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (dischargeDisposition=42)

✓ Deceased

[See table XCL2](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017

✓ Hospice

[See table XCL3](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (dischargeDisposition=50)

✓ Hospice

[See table XCL2](#)

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (dischargeDisposition=51)

✓ Hospice

[See table XCL2](#)

Exception

## Reference Tables

### Linked Encounter Reference Tables

**L1**

✓ PREV-8-Encounter, Office Visit or Outpatient

**Encounter**

**Custom Codes**

Encounter: OFFICE\_VISIT, Encounter: OUTPATIENT

**Procedure**

**CPT**

**HCPCS**

**SNOMED**

99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215,  
99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350,  
99385, 99386, 99387, 99395, 99396, 99397

G0438, 12843005, 18170008, 185349003, 185463005, 185465003, 19681004,  
G0439 207195004, 270427003, 270430005, 308335008, 390906007,  
406547006, 439708006, 87790002, 90526000

---

## Denominator Reference Tables

D1	Encounter
----	-----------

## Numerator Reference Tables

**N1**

✓ Pneumonia Vaccination from a non-Health Maintenance Source

**Immunization**

**CVX**

133, 33

**N2**

✓ Pneumonia Vaccination from a non-Health Maintenance Source

**Diagnosis**

**SNOMED**

473165003

**Procedure**

**CPT**                    **SNOMED**

90732                    12866006, 310578008, 394678003

**N3**

✓ Pneumonia Vaccination from any Source

**Diagnosis**

**SNOMED**

473165003

**Immunization**

**CVX**

133, 33

**Procedure**

**CPT**                    **SNOMED**

90732                    12866006, 310578008, 394678003

## Exclusions Reference Tables

<b>XCL1</b>	✓ Deceased
	<b>Death</b>
	<b>Custom Codes</b>
	Deceased
	<b>Procedure</b>
	<b>SNOMED</b>
	371828006

<b>XCL2</b>	✓ Deceased
	<b>Admission</b>

<b>XCL3</b>	✓ Hospice
	<b>Encounter</b>
	<b>Custom Codes</b>
	Encounter: type_hospice
	<b>Procedure</b>
	<b>SNOMED</b>
	305336008, 385763009



## Reference Periods

START	STOP
12:00:01 AM	12:00:00 AM
01/01/2015	02/01/2015

Different criteria in each measure require that records occur during a precise time period. Note that all dates begin at midnight.

## Operators

Operators describe what criteria is needed for a measure. They include:

AND

Both criteria above and below the line must be met

OR

Either criteria above or below the line must be met

### NONE OF THE FOLLOWING

The criteria following this are negated — they must not have occurred

## Expressions

You will encounter certain expressions that denote a specific relationship between criteria. They include:



Linked Encounter

Indicates that the criteria listed above must have occurred during the same encounter as the criteria that immediately follows

AND THEN

 HAPPENS AFTER

Indicates that the criteria must have occurred in a certain sequence. The criteria that follows must have occurred after the criteria listed above

AND THEN

 HAPPENED PREVIOUSLY

Reverse sequence — the criteria that follows must have occurred before the criteria listed above

PLUS

 COUNT INSTANCES

The first criteria specifies what must be on the patient record. The criteria below is then counted for that patient