

<b>eCQM Title</b>	<b>Breast Cancer Screening</b>		
<b>eCQM Identifier (Measure Authoring Tool)</b>	125	<b>eCQM Version Number</b>	13.0.000
<b>CBE Number</b>	Not Applicable	<b>GUID</b>	19783c1b-4fd1-46c1-8a96-a2f192b97ee0
<b>Measurement Period</b>	January 1, 20XX through December 31, 20XX		
<b>Measure Steward</b>	National Committee for Quality Assurance		
<b>Measure Developer</b>	National Committee for Quality Assurance		
<b>Endorsed By</b>	None		
<b>Description</b>	Percentage of women 50-74 years of age who had a mammogram to screen for breast cancer in the 27 months prior to the end of the Measurement Period		
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<b>Measure Scoring</b>	Proportion		
<b>Measure Type</b>	Process		
<b>Stratification</b>	None		
<b>Risk Adjustment</b>	None		
<b>Rate Aggregation</b>	None		
<b>Rationale</b>	<p>Breast cancer is one of the most common types of cancers, accounting for 15 percent of all new cancer diagnoses in the U.S. (Noone et al., 2018). In 2015, over 3 million women were estimated to be living with breast cancer in the U.S. and it is estimated that 12 percent of women will be diagnosed with breast cancer at some point during their lifetime (Noone et al., 2018).</p> <p>While there are other factors that affect a woman's risk of developing breast cancer, advancing age is a primary risk factor. Breast cancer is most frequently diagnosed among women ages 55-64; the median age at diagnosis is 62 years (Noone et al., 2018).</p> <p>The chance of a woman being diagnosed with breast cancer in a given year increases with age. By age 40, the chances are 1 in 68; by age 50 it becomes 1 in 43; by age 60, it is 1 in 29 (American Cancer Society, 2017).</p>		
<b>Clinical Recommendation Statement</b>	<p>The U.S. Preventive Services Task Force (USPSTF) recommends biennial screening mammography for women aged 50-74 years (B recommendation) (USPSTF, 2016).</p> <p>The decision to start screening mammography in women prior to age 50 years should be an individual one. Women who place a higher value on the potential benefit than the potential harms may choose to begin biennial screening between the ages of 40 and 49 years (C recommendation) (USPSTF, 2016).</p> <p>The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of screening mammography in women aged 75 years or older (I statement) (USPSTF, 2016).</p> <p>The USPSTF concludes that the current evidence is insufficient to assess the benefits and harms of digital breast tomosynthesis (DBT) as a primary screening method for breast cancer (I statement) (USPSTF, 2016).</p> <p>The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of adjunctive screening for breast cancer using breast ultrasonography, magnetic resonance imaging, DBT, or other methods in women identified to have dense breasts on an otherwise negative screening mammogram (I statement) (USPSTF, 2016).</p> <p>The National Comprehensive Cancer Network (NCCN) and the American College of Radiology (ACR) recommend using conventional mammography or DBT for screening women at low, intermediate or high risk for breast cancer (NCCN, 2021) (ACR, 2017).</p>		
<b>Improvement Notation</b>	Higher score equals better quality		

<b>Reference</b>	Reference Type: CITATION Reference Text: 'American Cancer Society. (2017). Breast Cancer Facts & Figures 2017-2018. Retrieved February 8, 2019, from <a href="https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/breast-cancer-facts-and-figures/breast-cancer-facts-and-figures-2017-2018.pdf">https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/breast-cancer-facts-and-figures/breast-cancer-facts-and-figures-2017-2018.pdf</a> '
<b>Reference</b>	Reference Type: CITATION Reference Text: 'American College of Radiology (ACR). (2017). ACR Appropriateness Criteria: Breast Cancer Screening. Retrieved from <a href="https://acsearch.acr.org/docs/70910/Narrative/">https://acsearch.acr.org/docs/70910/Narrative/</a> '
<b>Reference</b>	Reference Type: CITATION Reference Text: 'National Comprehensive Cancer Network (NCCN). (2021). Breast Cancer Screening and Diagnosis. Retrieved from <a href="https://www.nccn.org/professionals/physician_gls/pdf/breast-screening.pdf">https://www.nccn.org/professionals/physician_gls/pdf/breast-screening.pdf</a> '
<b>Reference</b>	Reference Type: CITATION Reference Text: 'Noone, A.M., Howlander, N., Krapcho, M., Miller, D., Brest, A., Yu, M., Ruhl, J., Tatalovich, Z., Mariotto, A., Lewis, D.R., Chen, H.S., Feuer, E.J., Cronin, K.A. (eds). (2018). SEER Cancer Statistics Review, 1975-2015. National Cancer Institute. Bethesda, MD. Retrieved February 8, 2019, from <a href="https://seer.cancer.gov/csr/1975_2015/">https://seer.cancer.gov/csr/1975_2015/</a> '
<b>Reference</b>	Reference Type: CITATION Reference Text: 'U.S. Preventive Services Task Force. (2016). Screening for breast cancer: U.S. Preventive Services Task Force recommendation statement. <i>Annals of Internal Medicine</i> , 164(4), 279-296.'
<b>Definition</b>	None
<b>Guidance</b>	This measure evaluates primary screening. Do not count biopsies, breast ultrasounds, or MRIs because they are not appropriate methods for primary breast cancer screening.  Please note the measure may include screenings performed outside the age range of patients referenced in the initial population. Screenings that occur prior to the measurement period are valid to meet measure criteria.  This eCQM is a patient-based measure.  This version of the eCQM uses QDM version 5.6. Please refer to the eCQI resource center ( <a href="https://ecqi.healthit.gov/qdm">https://ecqi.healthit.gov/qdm</a> ) for more information on the QDM.
<b>Transmission Format</b>	TBD
<b>Initial Population</b>	Women 52-74 years of age by the end of the measurement period with a visit during the measurement period
<b>Denominator</b>	Equals Initial Population
<b>Denominator Exclusions</b>	Exclude patients who are in hospice care for any part of the measurement period.  Women who had a bilateral mastectomy or who have a history of a bilateral mastectomy or for whom there is evidence of a right and a left unilateral mastectomy on or before the end of the measurement period.  Exclude patients 66 and older by the end of the measurement period with an indication of frailty for any part of the measurement period who also meet any of the following advanced illness criteria: - Advanced illness diagnosis during the measurement period or the year prior - OR taking dementia medications during the measurement period or the year prior  Exclude patients 66 and older by the end of the measurement period who are living long term in a nursing home any time on or before the end of the measurement period.  Exclude patients receiving palliative care for any part of the measurement period.
<b>Numerator</b>	Women with one or more mammograms any time on or between October 1 two years prior to the measurement period and the end of the measurement period
<b>Numerator Exclusions</b>	Not Applicable
<b>Denominator Exceptions</b>	None
<b>Supplemental Data Elements</b>	For every patient evaluated by this measure also identify payer, race, ethnicity and sex

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## Population Criteria

### Initial Population

```
exists ( ["Patient Characteristic Sex": "Female"] )
and AgeInYearsAt(date from
end of "Measurement Period"
) in Interval[52, 74]
and exists AdultOutpatientEncounters."Qualifying Encounters"
```

### Denominator

"Initial Population"

### Denominator Exclusions

```
Hospice."Has Hospice Services"
or ( ( exists ( "Right Mastectomy Diagnosis" )
or exists ( "Right Mastectomy Procedure" )
)
and ( exists ( "Left Mastectomy Diagnosis" )
or exists ( "Left Mastectomy Procedure" )
)
)
or exists "Bilateral Mastectomy Diagnosis"
```

or exists "Bilateral Mastectomy Procedure"  
 or AIFrailTCF."Is Age 66 or Older with Advanced Illness and Frailty"  
 or AIFrailTCF."Is Age 66 or Older Living Long Term in a Nursing Home"  
 or PalliativeCare."Has Palliative Care in the Measurement Period"

#### ▲ Numerator

exists ( ["Diagnostic Study, Performed": "Mammography"] Mammogram  
 where ( Global."NormalizeInterval" ( Mammogram.relevantDatetime, Mammogram.relevantPeriod ) ends during day of Interval["October 1 Two Years Prior to the  
 Measurement Period", end of "Measurement Period"] )  
 )

#### ▲ Numerator Exclusions

None

#### ▲ Denominator Exceptions

None

#### ▲ Stratification

None

### Definitions

#### ▲ AdultOutpatientEncounters.Qualifying Encounters

( ["Encounter, Performed": "Office Visit"]  
 union ["Encounter, Performed": "Annual Wellness Visit"]  
 union ["Encounter, Performed": "Preventive Care Services Established Office Visit, 18 and Up"]  
 union ["Encounter, Performed": "Preventive Care Services Initial Office Visit, 18 and Up"]  
 union ["Encounter, Performed": "Home Healthcare Services"]  
 union ["Encounter, Performed": "Virtual Encounter"]  
 union ["Encounter, Performed": "Telephone Visits"] ) ValidEncounter  
 where ValidEncounter.relevantPeriod during day of "Measurement Period"

#### ▲ AIFrailTCF.Has Advanced Illness in Year Before or During Measurement Period

exists ( ["Diagnosis": "Advanced Illness"] AdvancedIllnessDiagnosis  
 where AdvancedIllnessDiagnosis.prevalencePeriod starts during day of Interval[start of "Measurement Period" - 1 year, end of "Measurement Period"] )

#### ▲ AIFrailTCF.Has Criteria Indicating Frailty

exists ( ["Device, Order": "Frailty Device"] FrailtyDeviceOrder  
 where FrailtyDeviceOrder.authorDatetime during day of "Measurement Period" )  
 or exists ( ["Assessment, Performed": "Medical equipment used"] EquipmentUsed  
 where EquipmentUsed.result in "Frailty Device"  
 and Global."NormalizeInterval" ( EquipmentUsed.relevantDatetime, EquipmentUsed.relevantPeriod ) ends during day of "Measurement Period" )  
 or exists ( ["Diagnosis": "Frailty Diagnosis"] FrailtyDiagnosis  
 where FrailtyDiagnosis.prevalencePeriod overlaps day of "Measurement Period" )  
 or exists ( ["Encounter, Performed": "Frailty Encounter"] FrailtyEncounter  
 where FrailtyEncounter.relevantPeriod overlaps day of "Measurement Period" )  
 or exists ( ["Symptom": "Frailty Symptom"] FrailtySymptom  
 where FrailtySymptom.prevalencePeriod overlaps day of "Measurement Period" )

#### ▲ AIFrailTCF.Has Dementia Medications in Year Before or During Measurement Period

exists ( ["Medication, Active": "Dementia Medications"] DementiaMedication  
 where Global."NormalizeInterval" ( DementiaMedication.relevantDatetime, DementiaMedication.relevantPeriod ) overlaps day of Interval[start of "Measurement Period" -  
 1 year,  
 end of "Measurement Period"] )

#### ▲ AIFrailTCF.Is Age 66 or Older Living Long Term in a Nursing Home

( AgeInYearsAt(date from  
 end of "Measurement Period"  
 ) >= 66 )  
 and ( ( Last(["Assessment, Performed": "Housing status"] HousingStatus  
 where Global."NormalizeInterval"(HousingStatus.relevantDatetime, HousingStatus.relevantPeriod) ends on or before day of  
 end of "Measurement Period"  
 sort by  
 end of Global."NormalizeInterval"(relevantDatetime, relevantPeriod)asc  
 )) LastHousingStatus  
 where LastHousingStatus.result ~ "Lives in nursing home (finding)" )  
 is not null

#### ▲ AIFrailTCF.Is Age 66 or Older with Advanced Illness and Frailty

( AgeInYearsAt(date from  
 end of "Measurement Period"  
 ) >= 66  
 and "Has Criteria Indicating Frailty"  
 and ( "Has Advanced Illness in Year Before or During Measurement Period"  
 or "Has Dementia Medications in Year Before or During Measurement Period" ) )

#### ▲ Bilateral Mastectomy Diagnosis

["Diagnosis": "History of bilateral mastectomy"] BilateralMastectomyHistory  
 where BilateralMastectomyHistory.prevalencePeriod starts on or before end of "Measurement Period"

**▲ Bilateral Mastectomy Procedure**

["Procedure, Performed": "Bilateral Mastectomy"] BilateralMastectomyPerformed  
 where Global."NormalizeInterval" ( BilateralMastectomyPerformed.relevantDatetime, BilateralMastectomyPerformed.relevantPeriod ) ends on or before end of  
 "Measurement Period"

**▲ Denominator**

"Initial Population"

**▲ Denominator Exclusions**

Hospice."Has Hospice Services"  
 or ( ( exists ( "Right Mastectomy Diagnosis" )  
 or exists ( "Right Mastectomy Procedure" )  
 )  
 and ( exists ( "Left Mastectomy Diagnosis" )  
 or exists ( "Left Mastectomy Procedure" )  
 )  
 )  
 or exists "Bilateral Mastectomy Diagnosis"  
 or exists "Bilateral Mastectomy Procedure"  
 or AIFrailLTCF."Is Age 66 or Older with Advanced Illness and Frailty"  
 or AIFrailLTCF."Is Age 66 or Older Living Long Term in a Nursing Home"  
 or PalliativeCare."Has Palliative Care in the Measurement Period"

**▲ Hospice.Has Hospice Services**

exists ( ["Encounter, Performed": "Encounter Inpatient"] InpatientEncounter  
 where ( InpatientEncounter.dischargeDisposition ~ "Discharge to home for hospice care (procedure)"  
 or InpatientEncounter.dischargeDisposition ~ "Discharge to healthcare facility for hospice care (procedure)"  
 )  
 and InpatientEncounter.relevantPeriod ends during day of "Measurement Period"  
 )  
 or exists ( ["Encounter, Performed": "Hospice Encounter"] HospiceEncounter  
 where HospiceEncounter.relevantPeriod overlaps day of "Measurement Period"  
 )  
 or exists ( ["Assessment, Performed": "Hospice care [Minimum Data Set]"] HospiceAssessment  
 where HospiceAssessment.result ~ "Yes (qualifier value)"  
 and Global."NormalizeInterval" ( HospiceAssessment.relevantDatetime, HospiceAssessment.relevantPeriod ) overlaps day of "Measurement Period"  
 )  
 or exists ( ["Intervention, Order": "Hospice Care Ambulatory"] HospiceOrder  
 where HospiceOrder.authorDatetime during day of "Measurement Period"  
 )  
 or exists ( ["Intervention, Performed": "Hospice Care Ambulatory"] HospicePerformed  
 where Global."NormalizeInterval" ( HospicePerformed.relevantDatetime, HospicePerformed.relevantPeriod ) overlaps day of "Measurement Period"  
 )  
 or exists ( ["Diagnosis": "Hospice Diagnosis"] HospiceCareDiagnosis  
 where HospiceCareDiagnosis.prevalencePeriod overlaps day of "Measurement Period"  
 )

**▲ Initial Population**

exists ( ["Patient Characteristic Sex": "Female" ] )  
 and AgeInYearsAt(date from  
 end of "Measurement Period"  
 ) in Interval[52, 74]  
 and exists AdultOutpatientEncounters."Qualifying Encounters"

**▲ Left Mastectomy Diagnosis**

( ["Diagnosis": "Status Post Left Mastectomy"]  
 union ( ["Diagnosis": "Unilateral Mastectomy, Unspecified Laterality"] UnilateralMastectomyDiagnosis  
 where UnilateralMastectomyDiagnosis.anatomicalLocationSite ~ "Left (qualifier value)"  
 ) ) LeftMastectomy  
 where LeftMastectomy.prevalencePeriod starts on or before end of "Measurement Period"

**▲ Left Mastectomy Procedure**

["Procedure, Performed": "Unilateral Mastectomy Left"] UnilateralMastectomyLeftPerformed  
 where Global."NormalizeInterval" ( UnilateralMastectomyLeftPerformed.relevantDatetime, UnilateralMastectomyLeftPerformed.relevantPeriod ) ends on or before end of  
 "Measurement Period"

**▲ Numerator**

exists ( ["Diagnostic Study, Performed": "Mammography"] Mammogram  
 where ( Global."NormalizeInterval" ( Mammogram.relevantDatetime, Mammogram.relevantPeriod ) ends during day of Interval["October 1 Two Years Prior to the  
 Measurement Period", end of "Measurement Period"] )  
 )

**▲ October 1 Two Years Prior to the Measurement Period**

DateTime((year from start of "Measurement Period" - 2), 10, 1, 0, 0, 0, 0)

**▲ PalliativeCare.Has Palliative Care in the Measurement Period**

exists ( ["Assessment, Performed": "Functional Assessment of Chronic Illness Therapy - Palliative Care Questionnaire (FACIT-Pal)"] PalliativeAssessment  
 where Global."NormalizeInterval" ( PalliativeAssessment.relevantDatetime, PalliativeAssessment.relevantPeriod ) overlaps day of "Measurement Period"  
 )  
 or exists ( ["Diagnosis": "Palliative Care Diagnosis"] PalliativeDiagnosis  
 where PalliativeDiagnosis.prevalencePeriod overlaps day of "Measurement Period"  
 )  
 or exists ( ["Encounter, Performed": "Palliative Care Encounter"] PalliativeEncounter  
 where PalliativeEncounter.relevantPeriod overlaps day of "Measurement Period"  
 )  
 or exists ( ["Intervention, Performed": "Palliative Care Intervention"] PalliativeIntervention  
 where Global."NormalizeInterval" ( PalliativeIntervention.relevantDatetime, PalliativeIntervention.relevantPeriod ) overlaps day of "Measurement Period"  
 )

**▲ Right Mastectomy Diagnosis**

( ["Diagnosis": "Status Post Right Mastectomy"] RightMastectomyProcedure  
 union ( ["Diagnosis": "Unilateral Mastectomy, Unspecified Laterality"] UnilateralMastectomyDiagnosis  
 where UnilateralMastectomyDiagnosis.anatomicalLocationSite ~ "Right (qualifier value)"  
 ) ) RightMastectomy  
 where RightMastectomy.prevalencePeriod starts on or before end of "Measurement Period"

**Right Mastectomy Procedure**

["Procedure, Performed": "Unilateral Mastectomy Right"] UnilateralMastectomyRightPerformed  
 where Global."NormalizeInterval" ( UnilateralMastectomyRightPerformed.relevantDatetime, UnilateralMastectomyRightPerformed.relevantPeriod ) ends on or before end  
 of "Measurement Period"

**SDE Ethnicity**

["Patient Characteristic Ethnicity": "Ethnicity"]

**SDE Payer**

["Patient Characteristic Payer": "Payer Type"]

**SDE Race**

["Patient Characteristic Race": "Race"]

**SDE Sex**

["Patient Characteristic Sex": "ONC Administrative Sex"]

**Functions****Global.NormalizeInterval(pointInTime DateTime, period Interval<DateTime>)**

if pointInTime is not null then Interval[pointInTime, pointInTime]  
 else if period is not null then period  
 else null as Interval<DateTime>

**Terminology**

- code "Discharge to healthcare facility for hospice care (procedure)" ("SNOMEDCT Code (428371000124100)")
- code "Discharge to home for hospice care (procedure)" ("SNOMEDCT Code (428361000124107)")
- code "Female" ("AdministrativeGender Code (F)")
- code "Functional Assessment of Chronic Illness Therapy - Palliative Care Questionnaire (FACIT-Pal)" ("LOINC Code (71007-9)")
- code "Hospice care [Minimum Data Set]" ("LOINC Code (45755-6)")
- code "Housing status" ("LOINC Code (71802-3)")
- code "Left (qualifier value)" ("SNOMEDCT Code (7771000)")
- code "Lives in nursing home (finding)" ("SNOMEDCT Code (160734000)")
- code "Medical equipment used" ("LOINC Code (98181-1)")
- code "Right (qualifier value)" ("SNOMEDCT Code (24028007)")
- code "Yes (qualifier value)" ("SNOMEDCT Code (373066001)")
- valueset "Advanced Illness" (2.16.840.1.113883.3.464.1003.110.12.1082)
- valueset "Annual Wellness Visit" (2.16.840.1.113883.3.526.3.1240)
- valueset "Bilateral Mastectomy" (2.16.840.1.113883.3.464.1003.198.12.1005)
- valueset "Dementia Medications" (2.16.840.1.113883.3.464.1003.196.12.1510)
- valueset "Encounter Inpatient" (2.16.840.1.113883.3.666.5.307)
- valueset "Ethnicity" (2.16.840.1.114222.4.11.837)
- valueset "Frailty Device" (2.16.840.1.113883.3.464.1003.118.12.1300)
- valueset "Frailty Diagnosis" (2.16.840.1.113883.3.464.1003.113.12.1074)
- valueset "Frailty Encounter" (2.16.840.1.113883.3.464.1003.101.12.1088)
- valueset "Frailty Symptom" (2.16.840.1.113883.3.464.1003.113.12.1075)
- valueset "History of bilateral mastectomy" (2.16.840.1.113883.3.464.1003.198.12.1068)
- valueset "Home Healthcare Services" (2.16.840.1.113883.3.464.1003.101.12.1016)
- valueset "Hospice Care Ambulatory" (2.16.840.1.113883.3.526.3.1584)
- valueset "Hospice Diagnosis" (2.16.840.1.113883.3.464.1003.1165)
- valueset "Hospice Encounter" (2.16.840.1.113883.3.464.1003.1003)
- valueset "Mammography" (2.16.840.1.113883.3.464.1003.108.12.1018)
- valueset "Office Visit" (2.16.840.1.113883.3.464.1003.101.12.1001)
- valueset "ONC Administrative Sex" (2.16.840.1.113762.1.4.1)
- valueset "Palliative Care Diagnosis" (2.16.840.1.113883.3.464.1003.1167)
- valueset "Palliative Care Encounter" (2.16.840.1.113883.3.464.1003.101.12.1090)
- valueset "Palliative Care Intervention" (2.16.840.1.113883.3.464.1003.198.12.1135)
- valueset "Payer Type" (2.16.840.1.114222.4.11.3591)
- valueset "Preventive Care Services Established Office Visit, 18 and Up" (2.16.840.1.113883.3.464.1003.101.12.1025)
- valueset "Preventive Care Services Initial Office Visit, 18 and Up" (2.16.840.1.113883.3.464.1003.101.12.1023)
- valueset "Race" (2.16.840.1.114222.4.11.836)
- valueset "Status Post Left Mastectomy" (2.16.840.1.113883.3.464.1003.198.12.1069)
- valueset "Status Post Right Mastectomy" (2.16.840.1.113883.3.464.1003.198.12.1070)
- valueset "Telephone Visits" (2.16.840.1.113883.3.464.1003.101.12.1080)
- valueset "Unilateral Mastectomy Left" (2.16.840.1.113883.3.464.1003.198.12.1133)
- valueset "Unilateral Mastectomy Right" (2.16.840.1.113883.3.464.1003.198.12.1134)
- valueset "Unilateral Mastectomy, Unspecified Laterality" (2.16.840.1.113883.3.464.1003.198.12.1071)
- valueset "Virtual Encounter" (2.16.840.1.113883.3.464.1003.101.12.1089)

**Data Criteria (QDM Data Elements)**

- "Assessment, Performed: Functional Assessment of Chronic Illness Therapy - Palliative Care Questionnaire (FACIT-Pal)" using "Functional Assessment of Chronic Illness Therapy - Palliative Care Questionnaire (FACIT-Pal) (LOINC Code 71007-9)"
- "Assessment, Performed: Hospice care [Minimum Data Set]" using "Hospice care [Minimum Data Set] (LOINC Code 45755-6)"
- "Assessment, Performed: Housing status" using "Housing status (LOINC Code 71802-3)"
- "Assessment, Performed: Medical equipment used" using "Medical equipment used (LOINC Code 98181-1)"
- "Device, Order: Frailty Device" using "Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300)"
- "Diagnosis: Advanced Illness" using "Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082)"
- "Diagnosis: Frailty Diagnosis" using "Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074)"
- "Diagnosis: History of bilateral mastectomy" using "History of bilateral mastectomy (2.16.840.1.113883.3.464.1003.198.12.1068)"
- "Diagnosis: Hospice Diagnosis" using "Hospice Diagnosis (2.16.840.1.113883.3.464.1003.1165)"
- "Diagnosis: Palliative Care Diagnosis" using "Palliative Care Diagnosis (2.16.840.1.113883.3.464.1003.1167)"
- "Diagnosis: Status Post Left Mastectomy" using "Status Post Left Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1069)"
- "Diagnosis: Status Post Right Mastectomy" using "Status Post Right Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1070)"
- "Diagnosis: Unilateral Mastectomy, Unspecified Laterality" using "Unilateral Mastectomy, Unspecified Laterality (2.16.840.1.113883.3.464.1003.198.12.1071)"
- "Diagnostic Study, Performed: Mammography" using "Mammography (2.16.840.1.113883.3.464.1003.108.12.1018)"
- "Encounter, Performed: Annual Wellness Visit" using "Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240)"
- "Encounter, Performed: Encounter Inpatient" using "Encounter Inpatient (2.16.840.1.113883.3.666.5.307)"
- "Encounter, Performed: Frailty Encounter" using "Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088)"
- "Encounter, Performed: Home Healthcare Services" using "Home Healthcare Services (2.16.840.1.113883.3.464.1003.101.12.1016)"
- "Encounter, Performed: Hospice Encounter" using "Hospice Encounter (2.16.840.1.113883.3.464.1003.1003)"
- "Encounter, Performed: Office Visit" using "Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001)"
- "Encounter, Performed: Palliative Care Encounter" using "Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090)"
- "Encounter, Performed: Preventive Care Services Established Office Visit, 18 and Up" using "Preventive Care Services Established Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1025)"

- "Encounter, Performed: Preventive Care Services Initial Office Visit, 18 and Up" using "Preventive Care Services Initial Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1023)"
- "Encounter, Performed: Telephone Visits" using "Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080)"
- "Encounter, Performed: Virtual Encounter" using "Virtual Encounter (2.16.840.1.113883.3.464.1003.101.12.1089)"
- "Intervention, Order: Hospice Care Ambulatory" using "Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584)"
- "Intervention, Performed: Hospice Care Ambulatory" using "Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584)"
- "Intervention, Performed: Palliative Care Intervention" using "Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135)"
- "Medication, Active: Dementia Medications" using "Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510)"
- "Patient Characteristic Ethnicity: Ethnicity" using "Ethnicity (2.16.840.1.114222.4.11.837)"
- "Patient Characteristic Payer: Payer Type" using "Payer Type (2.16.840.1.114222.4.11.3591)"
- "Patient Characteristic Race: Race" using "Race (2.16.840.1.114222.4.11.836)"
- "Patient Characteristic Sex: Female" using "Female (AdministrativeGender Code F)"
- "Patient Characteristic Sex: ONC Administrative Sex" using "ONC Administrative Sex (2.16.840.1.113762.1.4.1)"
- "Procedure, Performed: Bilateral Mastectomy" using "Bilateral Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1005)"
- "Procedure, Performed: Unilateral Mastectomy Left" using "Unilateral Mastectomy Left (2.16.840.1.113883.3.464.1003.198.12.1133)"
- "Procedure, Performed: Unilateral Mastectomy Right" using "Unilateral Mastectomy Right (2.16.840.1.113883.3.464.1003.198.12.1134)"
- "Symptom: Frailty Symptom" using "Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075)"

**Supplemental Data Elements**

**▲ SDE Ethnicity**

["Patient Characteristic Ethnicity": "Ethnicity"]

**▲ SDE Payer**

["Patient Characteristic Payer": "Payer Type"]

**▲ SDE Race**

["Patient Characteristic Race": "Race"]

**▲ SDE Sex**

["Patient Characteristic Sex": "ONC Administrative Sex"]

**Risk Adjustment Variables**

None

Measure Set	None