The American College of Radiology

National Mammography Database

(NMD)

Data Dictionary

Versions 3.0 and 3.4

February 7, 2024

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AMERICAN COLLEGE OF
RADIOLOGY

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Revisions

Date	Description of Revisions
May 2, 2017	Original issue
June 28, 2019	1. NMD Data Dictionary Number 1, **NMD file version number**, "3.1" added as a permitted value 2. NMD Data Dictionary Number 2**, NRDR Facility ID**, New field 3. NMD Data Dictionary Number 7, **Patient other identifier**, Field name changed from "Patient identifier" 4. NMD Data Dictionary Number 9, **Old patient Medicare Beneficiary ID**, New field 5. NMD Data Dictionary Number 10, **New patient Medicare Beneficiary ID**, New field 6. NMD Data Dictionary Number 11, **Patient date of birth**, Use changed to optional. Restriction added: must be equal to or greater than 1/1/1900 7. NMD Data Dictionary Number 12, **Patient sex**, Description changed to "Patient sex at birth." Permitted value "9" changed from "Unknown" to "Unknown / Other." 8. NMD Data Dictionary Number 46, **Date of examination**, Restriction added: must be equal to or greater than 1/1/2000, and equal to or less than the current date 9. NMD Data Dictionary Number 53, **Additional imaging**, Restriction changed from "Screening mammography and ultrasound only" to "Screening mammography and screening ultrasound only" 10. NMD Data Dictionary Number 68, **Assessment – Left Breast – Subcategory of category 4**, Restriction added: Applicable to mammography and ultrasound only 11. NMD Data Dictionary Number 70, **Assessment – Right Breast – Subcategory of category 4**, Restriction added: Applicable to mammography and ultrasound only 12. NMD Data Dictionary Number 72, **Assessment – Patient level – Subcategory of category 4**, Restriction added: Applicable to mammography and ultrasound only
November 18, 2019	1. NMD Data Dictionary Number 34, **First examination ever**, "Patient is unsure" added as a permitted value. "Not sure / Unknown" changed to "Unreported". NMD Data Dictionary Number 36, **Time since previous examination**, "Patient is unsure" added as a permitted value. "Not sure / Unknown / Not applicable" changed to "Unreported / Not applicable". 2. NMD Data Dictionary Number 37, **Personal history of breast cancer**, "Patient is unsure" added as a permitted value. "Not sure / Unknown" changed to "Unreported". 3. NMD Data Dictionary Number 38, **Breast cancer in first-degree relative – premenopausal**, "Unreported" added as a permitted value. "Unsure" changed to "Patient is unsure". 4. NMD Data Dictionary Number 39, **Breast cancer in first-degree relative – postmenopausal**, "Unreported" added as a permitted value. "Unsure" changed to "Patient is unsure".
March 24, 2021	1. NMD Data Dictionary Number 46.1, **Rescheduled exam**, added 2. NMD Data Dictionary Number 46.2, **Originally scheduled exam**, added 3. NMD Data Dictionary Number 46.3, **Reschedule reason**, added

December 4, 2021	1. The following NMD Data Dictionary Numbers were added:
	   a. 12.10, **Patient race**
	   b. 12.11, **Patient ethnicity**
	   c. 12.20, **Health insurance**
	   d. 12.21, **Health insurance, other, specify**
	   e. 12.30, **Education level**
	   f. 12.31, **Education level, other, specify**
	   g. 12.40, **COVID vaccine**
	   h. 12.50, **COVID vaccine date**
	   i. 12.60, **COVID vaccine manufacturer**
	   j. 12.70, **COVID vaccine manufacturer, other, specify**
	   k. 12.80, **COVID vaccination site**
	   l. 50.1, **Use of contrast-enhanced mammography (CEM)**
	   m. 94, **Method of detection**
	2. The following NMD Data Dictionary Numbers were changed:
	   a. 50, **Use of tomosynthesis**
	      i. Usage changed to required
	      ii. "Unknown" value added
	   b. 90, **Tumor stage**. The following values were added:
	      i. Stage I, not otherwise specified
	      ii. Stage II, not otherwise specified
	      iii. Stage III, not otherwise specified

Revisions

December 14, 2021	Mapping for 46.1**, Rescheduled exam**, corrected to show numeric rather than alphabetic values
March 23, 2022	Clarification on use of NMD Data Dictionary Number 7, **Patient other ID**.
August 13, 2022	1. NMD Data Dictionary Number 12, **Patient sex**: Permitted value "3" added for "Other". 2. NMD Data Dictionary Numbers 16-18, 22-24, 28-30, **Physician-level assessments**: Usage changed to optional, regardless of whether a physician identifier was reported.
January 1, 2023	References to Version 3.3 removed.
December 13, 2023	Added "unknown" to definition of allowed values for NMD Data Dictionary Number 83, **Biopsy procedure**.
February 7, 2024	Corrected typographical error in "Regional lymph nodes".

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NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Audit Parameters

NMD Data Dictionary Number(s): 1
NMD Data Element Name: **NMD file version number**

Description: NMD file version number

Use: Required

Response: Select one.

Values:

3.0 Excludes these NMD fields:
-NRDR facility ID
-Old patient Medicare Beneficiary ID
-New patient Medicare Beneficiary ID
-Rescheduled exam
-Originally scheduled exam date
-Reschedule reason
-COVID fields
-Patient race
-Patient ethnicity

-Health insurance
-Education level
-Use of contrast-enhanced mammography (CEM)
-Method of detection

3.4 Includes all NMD fields

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 2
NMD Data Element Name: **NRDR Facility ID**

Description:	NOT APPLICABLE TO VERSION 3.0 Facility ID assigned by the National Radiology Data Registry
Use:	Optional
Response:	Indicate NRDR facility ID. If not reported, this field defaults to the facility ID used when submitting the file.
Values:	6-digit NRDR facility ID

NMD Data Dictionary Number(s): 3
NMD Data Element Name: **Laterality of audit data**

Description:	Indicates whether the audit captures separate-breast assessment data or patient-level assessment data
Use:	Required
Response:	Indicate whether audit data are reported at breast or patient level.
Values:	

    1 Separate-breast assessment data

    2 Patient-level assessment data

NMD Data Dictionary Number(s): 4
NMD Data Element Name: **Combination examinations**

Description:	Indicates whether the audit captures data for each component of combination examinations (e.g., separate assessments for mammography and ultrasound components), or for the combination examination only
Use:	Required
Response:	Indicate whether audit data are reported at component level or combination level.
Values:	

    1 Component-level assessment data

2 Combination-level assessment
data

NMD Data Dictionary Number(s): **5**

NMD Data Element Name: **Standard screening mammography imaging**

Mammography only

Description: Indicates how the facility defines standard screening mammography images

Use: Required

Response: Select one.

Values: The BI-RADS® standard is in "ACR Practice Guideline for the Performance of Screening and Diagnostic Mammography" (1 CC and 1 MLO per breast), including additional images only as needed to overcome technical deficiency or inadequate tissue coverage.

1 BI-RADS® standard screening mammography imaging is performed.

2 Mammography imaging other than BI-RADS® standard screening mammography imaging is performed.

3 The facility does not perform screening mammography imaging.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 6
NMD Data Element Name: Standard screening ultrasound imaging

Ultrasound only

Description: Indicates whether the facility defines standard screening ultrasound images as defined in BI-RADS® 5th Ed.

Use: Required

Response: Select one.

Values: See BI-RADS® 5th Ed. Introduction to Follow-Up and Outcome Monitoring section (recording 1 image for each breast quadrant and the retroareolar region, hence 5 images per breast), including additional images only as needed to overcome technical deficiency

  1 The BI-RADS®-recommended definition of recording standard screening ultrasound images is in use.

  2 A definition of recording standard screening ultrasound images other than the BI-RADS®-recommended definition is in use.

  3 The facility does not perform screening ultrasound imaging.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Patient Demographic Data

NMD Data Dictionary Number(s): 7
NMD Data Element Name: Patient other identifier

Description:	Unique patient identifier within the facility
Use:	Required if Social Security Number, old Medicare Beneficiary ID and new Medicare Beneficiary ID are not reported; optional otherwise. If a facility participates in more than one registry, the same "other ID" must be used in all registries.
Response:	Indicate patient identifier.
Values:	Any value up to 50 characters in length

NMD Data Dictionary Number(s): 8
NMD Data Element Name: Patient Social Security Number

Description:	Patient Social Security Number
Use:	Required if patient identifier, old Medicare Beneficiary ID and new Medicare Beneficiary ID are not reported; optional otherwise
Response:	Indicate patient Social Security Number.
Values:	Any valid Social Security Number in nnn-nn-nnnn format

NMD Data Dictionary Number(s): 9
NMD Data Element Name: Old patient Medicare Beneficiary ID

Description:	NOT APPLICABLE TO VERSION 3.0 Medicare Beneficiary ID issued prior April 1, 2018
Use:	Required if patient identifier, Social Security Number and new Medicare Beneficiary ID are not provided; optional otherwise
Response:	Indicate a Medicare Beneficiary ID issued prior to April 1, 2018
Values:	Any Medicare Beneficiary ID issued prior to April 1, 2018

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 10
NMD Data Element Name: **New patient Medicare Beneficiary ID**

Description: NOT APPLICABLE TO VERSION 3.0
Medicare Beneficiary ID issued on or after April 1, 2018

Use: Required if patient identifier, Social Security Number and old
Medicare Beneficiary ID are not reported; optional otherwise

Response: Indicate a Medicare Beneficiary ID issued on or after April 1, 2018

Values: Any Medicare Beneficiary ID issued on or after April 1, 2018

NMD Data Dictionary Number(s): 11
NMD Data Element Name: **Patient date of birth**

Description: Patient date of birth

Use: Optional

Response: Indicate patient's date of birth.

Values: Any valid date in mm/dd/yyyy format, greater than or equal to
1/1/1900

NMD Data Dictionary Number(s): 12
NMD Data Element Name: **Patient sex**

Description: Patient sex at birth

Use: Required

Response: Select one.

Values:

1 Male

2 Female

3 Other

9 Unknown

NMD Data Dictionary Number(s): 12.10
NMD Data Element Name: Patient race

Description: NOT APPLICABLE TO VERSION 3.0
Patient race

Use: Optional

Response: Select all that apply.

Values:

1 American Indian or Alaska Native

3 Asian

4 Black or African American

5 Native Hawaiian or Pacific
Islander

6 White

8 Other

9 Not reported

10 Unknown

NMD Data Dictionary Number(s): 12.11
NMD Data Element Name: Patient ethinicity (Hispanic origin)

Description: NOT APPLICABLE TO VERSION 3.0
Patient ethnicity (Hispanic origin)

Use: Optional

Response: Select one.

Values:

0 Not Hispanic or Latino

1 Hispanic or Latino

---

8 Not reported

9 Unknown

NMD Data Dictionary Number(s): 12.20
NMD Data Element Name: **Health insurance**

Description: NOT APPLICABLE TO VERSION 3.0
Health insurance

Use: Optional

Response: Select all that apply.

Values:

1 Medicare

2 Medicaid

3 Private insurance

4 Self pay

6 VA

7 Other, specify

5 Unknown

NMD Data Dictionary Number(s): 12.21
NMD Data Element Name: **Health insurance, other, specify**

Description: NOT APPLICABLE TO VERSION 3.0
Health insurance, other, specify

Use: Optional

Response: Enter health insurance not listed above.

Values: Any value up to 255 characters in length.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 12.30
NMD Data Element Name: **Education level**

Description: NOT APPLICABLE TO VERSION 3.0
Education level

Use: Optional

Response: Select one.

Values:

1 8th grade or less

2 9-11th grade

3 High school graduate or high
school equivalency

4 Post high school training, other
than college

5 Associate degree / some college

6 Bachelor's degree

7 Graduate or professional school

8 Other, specify

99 Unknown / I prefer not to answer

NMD Data Dictionary Number(s): 12.31
NMD Data Element Name: **Education level, other, specify**

Description: NOT APPLICABLE TO VERSION 3.0
Education level, other, specify

Use: Optional

Response: Enter an education level not listed above.

Values: Any value up to 255 characters in length.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 12.40
NMD Data Element Name: COVID vaccine

Description: NOT APPLICABLE TO VERSION 3.0
Indicate if the patient has received a vaccination for
COVID/Coronavirus. Report only vaccinations received prior to
the examination. If more than one vaccination was received prior
to the exam, report the most recent.

Use: Optional

Response: Select one.

Values:

    0 No

    1 Yes

    9 Unknown

NMD Data Dictionary Number(s): 12.50
NMD Data Element Name: COVID vaccine date

Description: NOT APPLICABLE TO VERSION 3.0
COVID vaccine date

Use: Optional

Response: A date greater than or equal to 1/1/2020 in mm/dd/yyyy format.
Cannot be a future date.

Values: A valid date in mm/yy/dddd format.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 12.60
NMD Data Element Name: **COVID vaccine manufacturer**

Description: NOT APPLICABLE TO VERSION 3.0
Indicate the manufacturer of the COVID vaccine the patient received.

Use: Optional

Response: Select one.

Values:

1 Johnson & Johnson Janssen

2 Moderna

3 Novavax

4 Oxford-AstraZeneca

5 Pfizer-BioNTech

88 Other, specify

99 Unknown

NMD Data Dictionary Number(s): 12.70
NMD Data Element Name: **COVID vaccine manufacturer, other**

Description: NOT APPLICABLE TO VERSION 3.0
COVID vaccine manufacturer, other, specify

Use: Optional

Response: Enter a COVID vaccine manufacturer not listed above.

Values: Any value up to 255 characters in length.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 12.80
NMD Data Element Name: COVID vaccination site

Description: NOT APPLICABLE TO VERSION 3.0
Indicate the patient's COVID vaccination site.

Use: Optional

Response: Select one.

Values:

1 Right arm

2 Left arm

8 Other

9 Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Physician Data

NMD Data Dictionary Number(s): 13-15
NMD Data Element Name: **Physician identifier**

Description:	Unique identifier of the interpreting physician, such as the National Provider Identifier
Use:	Optional
Response:	Indicate one unique identifier for each interpreting physician taking responsibility for the assessment.
Values:	Any value up to 10 characters in length

NMD Data Dictionary Number(s): 16-18
NMD Data Element Name: **Physician-level assessment - Left breast**

Description:	Assessment made by an individual physician when double reading - Left breast
Use:	Required if a physician identifier is reported and the physician's assessment differs from the final assessment assigned to the examination; optional otherwise
Response:	Select one.
Values:	

Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

0 Category 0:
(Mammography only)
Incomplete - Need
additional imaging
evaluation and/or prior
mammograms for
comparison
(Ultrasound and MRI only)
Incomplete - Need
additional imaging
evaluation

Final Assessment

1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5	Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6	Category 6: Known biopsy-proven malignancy	

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 19-21

NMD Data Element Name: **Physician-level assessment - Left breast - Subcategory of category 4**

Mammography and ultrasound only

Description: Subcategory of a category 4 assessment made by an individual physician when double reading - Left breast

Use: Optional if a category 4 physician-level assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD Data Dictionary Number(s): 22-24

NMD Data Element Name: **Physician-level assessment - Right breast**

Description: Assessment made by an individual physician when double reading - Right breast

Use: Required if a physician identifier is reported and the physician's assessment differs from the final assessment assigned to the examination; optional otherwise

Response: Select one.

Values:

Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

0 Category 0:
(Mammography only)
Incomplete - Need additional imaging evaluation and/or prior mammograms for comparison
(Ultrasound and MRI only)
Incomplete - Need additional imaging evaluation

Final Assessment

1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5	Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6	Category 6: Known biopsy-proven malignancy	

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 25-27
NMD Data Element Name: **Physician-level assessment - Right breast -**
Subcategory of category 4

Mammography and ultrasound only

Description: Subcategory of a category 4 assessment made by an individual physician when double reading - Right breast

Use: Optional if a category 4 physician-level assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD Data Dictionary Number(s): 28-30
NMD Data Element Name: **Physician-level assessment - Patient level**

Description: Assessment made by an individual physician when double reading - Patient level

Use: Required if a physician identifier is reported and the physician's assessment differs from the final assessment assigned to the examination; optional otherwise

Response: Select one.

Values:

Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.

0 Category 0:
(Mammography only)
Incomplete - Need
additional imaging
evaluation and/or prior
mammograms for
comparison
(Ultrasound and MRI only)
Incomplete - Need
additional imaging
evaluation

Final Assessment

1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5	Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6	Category 6: Known biopsy-proven malignancy	

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): **31-33**
NMD Data Element Name: **Physician-level assessment - Patient level - Subcategory of category 4**

Mammography and ultrasound only

Description: Subcategory of a category 4 assessment made by an individual physician when double reading - Patient level

Use: Optional if a category 4 physician-level assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Patient History for this Examination

NMD Data Dictionary Number(s): 34
NMD Data Element Name: **First examination ever**

Description:	Indicates whether this is the patient's first-ever breast imaging examination, including mammograms
Use:	Required if "Time since previous examination" and "Date of previous examination" are not reported; optional otherwise.
Response:	Select one.
Values:	

    0 No

    1 Yes

    8 Patient is unsure

    9 Unreported

NMD Data Dictionary Number(s): 35
NMD Data Element Name: **Date of previous examination**

Description:	Date of the patient's most recent breast imaging examination, including mammograms
Use:	Required if "First examination ever" is not reported and "Time since previous examination" is not reported; optional if "First examination ever" is reported but not 1 (Yes), or "Time since previous examination" is reported; not applicable otherwise
Response:	Indicate date of previous examination.
Values:	Any valid date in mm/dd/yyyy format

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 36
NMD Data Element Name: **Time since previous examination**

    Description: Time interval since the patient's most recent breast imaging examination, including mammograms

    Use: Required if "First examination ever" and "Date of previous examination" are not reported; optional otherwise

    Response: Select one.

    Values:

        1 ≤ 6 months

        2 ≤ 1 year but > 6 months

        3 ≤ 2 years but > 1 year

        4 > 2 years

      88 Patient is unsure

      99 Unreported / Not applicable

NMD Data Dictionary Number(s): 37
NMD Data Element Name: **Personal history of breast cancer**

    Description: Personal history of breast cancer

    Use: Required

    Response: Select one.

    Values:

        0 No

        1 Yes

        8 Patient is unsure

        9 Unreported

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 38
NMD Data Element Name: **Breast cancer in first-degree relative - premenopausal**

Description: Mother, sister, or daughter with history of premenopausal breast cancer

Use: Required

Response: Select one.

Values:

    0 No

    1 Yes

    2 A first-degree relative has a history of breast cancer; unsure whether premenopausal or postmenopausal

    8 Unreported

    9 Patient is unsure whether any first-degree relative has a history of breast cancer

NMD Data Dictionary Number(s): 39
NMD Data Element Name: **Breast cancer in first-degree relative - postmenopausal**

Description: Mother, sister, or daughter with history of postmenopausal breast cancer

Use: Required

Response: Select one.

Values:

    0 No

    1 Yes

2 A first-degree relative has a history of breast cancer; unsure whether premenopausal or postmenopausal

8 Unreported

9 Patient is unsure whether any first-degree relative has a history of breast cancer

---

NMD Data Dictionary Number(s): 40
NMD Data Element Name: **Family history of breast cancer, other than first-degree relative**

Description: Family history of breast cancer, other than mother, sister or daughter

Use: Required

Response: Select one.

Values:

0 No

1 Yes

9 Not sure / Unknown

NMD Data Dictionary Number(s): 41
NMD Data Element Name: **Personal history of ovarian cancer**

Description: Personal history of ovarian cancer

Use: Required

Response: Select one.

Values:

0 No

1 Yes

9 Not sure / Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 42
NMD Data Element Name: **Family history of ovarian cancer**

    Description: Family history of ovarian cancer

    Use: Required

    Response: Select one.

    Values:

        0 No

        1 Yes

        9 Not sure / Unknown

NMD Data Dictionary Number(s): 43
NMD Data Element Name: **Previous biopsy-proved hyperplasia with cellular atypia**

    Description: Personal history of biopsy-proved hyperplasia with cellular atypia

    Use: Required

    Response: Select one.

    Values:

        0 No

        1 Yes

        9 Not sure / Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 44
NMD Data Element Name: **Previous lobular carcinoma in situ (LCIS)**

Description: Personal history of lobular carcinoma in situ (LCIS)

Use: Required

Response: Select one.

Values:

0 No

1 Yes

9 Not sure / Unknown

NMD Data Dictionary Number(s): 45
NMD Data Element Name: **Hormone replacement therapy**

Description: Personal history of hormone replacement therapy

Use: Required

Response: Select one.

Values:

0 No

1 Yes

9 Not sure / Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Study Data for this Examination

NMD Data Dictionary Number(s): 46
NMD Data Element Name: Date of examination

Description:	Date of examination
Use:	Required
Response:	Indicate date of examination.
Values:	Any valid date in mm/dd/yyyy format, greater than or equal to 1/1/2000, and less than or equal to the current date

NMD Data Dictionary Number(s): 46.1
NMD Data Element Name: Rescheduled exam

Description:	NOT APPLICABLE TO VERSION 3.0 Indicate if this exam was previously scheduled on an earlier date and changed for any reason.
Use:	Optional
Response:	Select one.
Values:	

    0 No

    1 Yes

    9 Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 46.2
NMD Data Element Name: Originally scheduled exam date

Description:	NOT APPLICABLE TO VERSION 3.0
Use:	Optional
Response:	Indicate the date on which the exam was previously scheduled. If the exam has been rescheduled multiple times, use the first originally scheduled date of exam.
Values:	Any valid date in mm/dd/yyyy format, greater than or equal to 1/1/2000, and less than the date of examination

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NMD Data Dictionary Number(s): 46.3
NMD Data Element Name: Reschedule reason

Description:	NOT APPLICABLE TO VERSION 3.0 Indicate the primary reason the exam was rescheduled.
Use:	Optional
Response:	Select one.
Values:	

    1 Patient reason: COVID/coronavirus related (Any patient rescheduling of COVID such as fear of virus transmission, travel restrictions, patient actively ill with COVID)

    2 Patient reason: Other (Any non-COVID reason initiated by the patient – such as patient inconvenience, missed appointment)

3 Facility reason: COVID/coronavirus related (Any facility initiated rescheduling due to response to COVID including physician unavailable due to COVID support, non-essential exams discontinued)

4 Facility reason: Other (Any non-COVID reason initiated by the facility – such as physician inconvenience, equipment issue)

9 Unknown

NMD Data Dictionary Number(s): 47
NMD Data Element Name: Indication for examination

Description: Indication or reason for the examination

Use: Required

Response: Select one.

Values:

1 Screening

2 Diagnostic - evaluation of an abnormal finding at screening

3 Diagnostic - surveillance imaging for a probably benign finding or following breast conservation treatment

4 Diagnostic - evaluation of a breast problem - palpable abnormality

5 Diagnostic - evaluation of a breast problem - other

99 Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 48
NMD Data Element Name: Modality

Description: Modality or modalities used for the examination

Use: Required

Response: Select one.

Values:

> 1 Mammography
>
> 2 Ultrasound
>
> 3 MRI
>
> The following terms are valid only when data for combination examinations are reported at the combination level, i.e., not at the component level.
>
> 4 Mammography / Ultrasound
>
> 5 Mammography / MRI
>
> 6 Ultrasound / MRI
>
> 7 Mammography / Ultrasound / MRI

NMD Data Dictionary Number(s): 49
NMD Data Element Name: Use of computer-aided detection (CAD) - Additional views

Mammography only

Description: Indicates whether computer-aided detection was used for additional views

Use: Optional

Response: Select one.

Values:

> 0 No

1 Yes

NMD Data Dictionary Number(s): 50
NMD Data Element Name: **Use of tomosynthesis**

Mammography only

Description: Indicates whether tomosynthesis was used

Use: Required if modality includes mammography; not applicable otherwise

Response: Select one.

Values:

0 No

1 Yes

9 Unknown

NMD Data Dictionary Number(s): 50.1
NMD Data Element Name: **Use of contrast-enhanced mammography (CEM)**

Mammography only

Description: NOT APPLICABLE TO VERSION 3.0
Indicate whether contrast-enhanced mammography was used.

Use: Required if modality includes mammograpy; not applicable otherwise

Response: Select one.

Values:

0 Contrast-enhanced mammography not used

1 Contrast-enhanced mammography used

9 Unknown whether contrast-enhanced mammography was used

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 51
NMD Data Element Name: **Use of computer-aided detection (CAD) - Standard views**

Mammography only

Description: Indicates whether computer-aided detection was used for standard views

Use: Optional

Response: Select one.

Values:

0 No

1 Yes

NMD Data Dictionary Number(s): 52
NMD Data Element Name: **Film or digital**

Mammography only

Description: Indicates whether the image was recorded on film or digitally

Use: Optional

Response: Select one.

Values:

1 Film

2 Digital

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 53
NMD Data Element Name: **Additional imaging**

Screening mammography and screening ultrasound only

Description: Indicates whether additional imaging was performed

Use: Required

Response: Select one.

Values:

    1 Standard imaging only

    2 Standard plus additional imaging

  99 Unknown / Not applicable

Breast Tissue

NMD Data Dictionary Number(s): **54**
NMD Data Element Name: **Breast composition - Left breast**

Mammography only

Description: Visually estimated content of fibroglandular-density tissue within the breast

Use: Required if audit data are reported at breast level, and right breast composition is not reported; optional otherwise

Response: Select one.

Values:

1 a. The breast is almost entirely fatty.

2 b. There are scattered areas of fibroglandular density.

3 c. The breast is heterogeneously dense, which may obscure small masses.

4 d. The breast is extremely dense, which lowers the sensitivity of mammography.

99 Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 55
NMD Data Element Name: **Breast composition - Right breast**

Mammography only

Description: Visually estimated content of fibroglandular-density tissue within the breast

Use: Required if audit data are reported at breast level, and left breast composition is not reported; optional otherwise

Response: Select one.

Values:

1 a. The breast is almost entirely fatty.

2 b. There are scattered areas of fibroglandular density.

3 c. The breast is heterogeneously dense, which may obscure small masses.

4 d. The breast is extremely dense, which lowers the sensitivity of mammography.

99 Unknown

NMD Data Dictionary Number(s): 56
NMD Data Element Name: **Breast composition - Patient level**

Mammography only

Description: Visually estimated content of fibroglandular-density tissue within the breasts. If the breasts are not of apparently equal density, the denser breast should be used to categorize breast density.

Use: Required if audit data are reported at patient level; optional otherwise

Response: Select one.

Values:

1 a. The breasts are almost entirely fatty.

2 b. There are scattered areas of fibroglandular density.

3 c. The breasts are heterogeneously dense, which may obscure small masses.

4 d. The breasts are extremely dense, which lowers the sensitivity of mammography.

99 Unknown

NMD Data Dictionary Number(s): 57
NMD Data Element Name: **Tissue composition - Left breast**

Ultrasound screening only

Description: The background echotexture of the breast may affect the sensitivity of breast sonograms for lesion detection.

Use: Required if audit data are reported at breast level, and right breast tissue composition is not reported; optional otherwise

Response: Select one.

Values:

1 a. Homogeneous background echotexture — fat

2 b. Homogeneous background echotexture — fibroglandular

3 c. Heterogeneous background echotexture

99 Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 58
NMD Data Element Name: **Tissue composition - Right breast**

Ultrasound screening only

Description: The background echotexture of the breast may affect the sensitivity of breast sonograms for lesion detection.

Use: Required if audit data are reported at breast level, and left breast tissue composition is not reported; optional otherwise

Response: Select one.

Values:

1 a. Homogeneous background echotexture — fat

2 b. Homogeneous background echotexture — fibroglandular

3 c. Heterogeneous background echotexture

99 Unknown

NMD Data Dictionary Number(s): 59
NMD Data Element Name: **Tissue composition - Patient level**

Ultrasound screening only

Description: The background echotexture of the breast may affect the sensitivity of breast sonograms for lesion detection.

Use: Required if audit data are reported at patient level; optional otherwise

Response: Select one.

Values:

1 a. Homogeneous background echotexture — fat

2 b. Homogeneous background echotexture — fibroglandular

3 c. Heterogeneous background echotexture

99 Unknown

NMD Data Dictionary Number(s): 60
NMD Data Element Name: **Amount of fibroglandular tissue (FGT) - Left breast**

MRI only

Description: Assessed on fat-saturated T1W imaging or non-fat-saturated T1W imaging

Use: Required if audit data are reported at breast level, and amount of FGT in the right breast is not reported; optional otherwise

Response: Select one.

Values:

1 a. Almost entirely fat

2 b. Scattered fibroglandular tissue

3 c. Heterogeneous fibroglandular tissue

4 d. Extreme fibroglandular tissue

99 Unknown

NMD Data Dictionary Number(s): 61
NMD Data Element Name: **Amount of fibroglandular tissue (FGT) - Right breast**

MRI only

Description: Assessed on fat-saturated T1W imaging or non-fat-saturated T1W imaging

Use: Required if audit data are reported at breast level, and amount of FGT in the left breast is not reported; optional otherwise

Response: Select one.

Values:

1 a. Almost entirely fat

2 b. Scattered fibroglandular tissue

---

3 c. Heterogeneous fibroglandular tissue

4 d. Extreme fibroglandular tissue

99 Unknown

NMD Data Dictionary Number(s): 62
NMD Data Element Name: **Amount of fibroglandular tissue (FGT) - Patient level**

MRI only

Description: Assessed on fat-saturated T1W imaging or non-fat-saturated T1W imaging

Use: Required if audit data are reported at patient level; optional otherwise

Response: Select one.

Values:

1 a. Almost entirely fat

2 b. Scattered fibroglandular tissue

3 c. Heterogeneous fibroglandular tissue

4 d. Extreme fibroglandular tissue

99 Unknown

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 63

NMD Data Element Name: **Background parenchymal enhancement (BPE): Level - Left breast**

MRI only

Description: Background parenchymal enhancement (BPE): Level - Left breast

Use: Required if audit data are reported at breast level, BPE for the right breast is not reported and modality includes MRI or "Use of contrast-enhance mamography" = Yes; optional otherwise

Response: Select one.

Values:

1 Minimal

2 Mild

3 Moderate

4 Marked

99 Unknown

NMD Data Dictionary Number(s): 64

NMD Data Element Name: **Background parenchymal enhancement (BPE): Level - Right breast**

MRI only

Description: Background parenchymal enhancement (BPE): Level - Right breast

Use: Required if audit data are reported at breast level, BPE for the left breast is not reported and modality includes MRI or "Use of contrast-enhanced mammography" = Yes; optional otherwise

Response: Select one.

Values:

1 Minimal

2 Mild

3 Moderate

4 Marked

99 Unknown

NMD Data Dictionary Number(s): 65
NMD Data Element Name: **Background parenchymal enhancement (BPE): Level - Patient level**

MRI only

Description: Background parenchymal enhancement (BPE): Level - Patient level

Use: Required if audit data are reported at patient level and modality includes MRI or "Use of contrast-enhanced mammography" = Yes; optional otherwise

Response: Select one.

Values:

1 Minimal

2 Mild

3 Moderate

4 Marked

99 Unknown

NMD Data Dictionary Number(s): 66
NMD Data Element Name: **Background parenchymal enhancement (BPE): Symmetric or asymmetric**

MRI only

Description: Background parenchymal enhancement (BPE): Symmetric or asymmetric

Use: Optional if modality includes MRI or "Use of contrast-enhanced mammography (CEM)" = 1 (Yes); not applicable otherwise.

Response: Select one.

Values:

1 Symmetric

---

2 Asymmetric

99 Unknown / Not applicable

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Findings

NMD Data Dictionary Number(s): 67
NMD Data Element Name: Assessment - Left breast

Description: Assessment - Left breast

Use: Required if audit data are reported at breast level, and right breast assessment is not reported; optional otherwise

Response: Select one.

Values:

	Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.
0	Category 0: (Mammography only) Incomplete - Need additional imaging evaluation and/or prior mammograms for comparison (Ultrasound and MRI only) Incomplete - Need additional imaging evaluation	
	Final Assessment	
1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy

5 Category 5: Highly suggestive of malignancy ≥ 95% likelihood of malignancy

6 Category 6: Known biopsy-proven malignancy

NMD Data Dictionary Number(s): 68
NMD Data Element Name: **Assessment - Left breast - Subcategory of category 4**

Mammography and ultrasound only

Description: Assessment - Left breast - Subcategory of category 4

Use: Optional if a category 4 assessment is reported; not applicable otherwise

Response: Select one.

Values:

A Category 4A: Low suspicion for malignancy — > 2% to ≤ 10% likelihood of malignancy

B Category 4B: Moderate suspicion for malignancy — > 10% to ≤ 50% likelihood of malignancy

C Category 4C: High suspicion for malignancy — > 50% to < 95% likelihood of malignancy

---

NMD Data Dictionary Number(s): 69
NMD Data Element Name: **Assessment - Right breast**

Description: Assessment - Right breast

Use: Required if audit data are reported at breast level, and left breast assessment is not reported; optional otherwise

Response: Select one.

Values:

Incomplete Assessment — Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

0 Category 0:
(Mammography only)
Incomplete - Need additional imaging evaluation and/or prior mammograms for comparison
(Ultrasound and MRI only)
Incomplete - Need additional imaging evaluation

Final Assessment

1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5	Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6	Category 6: Known biopsy-proven malignancy	

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 70

NMD Data Element Name: **Assessment - Right breast - Subcategory of category 4**

Mammography and ultrasound only

Description: Assessment - Right breast - Subcategory of category 4

Use: Optional if a category 4 assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD Data Dictionary Number(s): 71

NMD Data Element Name: **Assessment - Patient level**

Description: Assessment - Patient level

Use: Required if audit data are reported at patient level; optional otherwise

Response: Select one.

Values:

Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

0 Category 0:
(Mammography only)
Incomplete - Need
additional imaging
evaluation and/or prior
mammograms for
comparison
(Ultrasound and MRI only)
Incomplete - Need
additional imaging
evaluation

Final Assessment

1 Category 1: Negative	Essentially 0% likelihood of malignancy
2 Category 2: Benign	Essentially 0% likelihood of malignancy
3 Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4 Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5 Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6 Category 6: Known biopsy-proven malignancy	

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 72

NMD Data Element Name: **Assessment - Patient level - Subcategory of category 4**

Mammography and ultrasound only

Description: Assessment - Patient level - Subcategory of category 4

Use: Optional if a category 4 assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD Data Dictionary Number(s): 73

NMD Data Element Name: **Overall assessment - Left breast**

Description: Overall assessment for combinations of diagnostic breast imaging examinations, performed concurrently (e.g., mammography / ultrasound) - Left breast

Use: Required if component of combination examination; optional otherwise

Response: Select one.

Values:

	Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.
0	Category 0: Incomplete - Need additional imaging evaluation	
	Final Assessment	

1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5	Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6	Category 6: Known biopsy-proven malignancy	

NMD Data Dictionary Number(s): 74

NMD Data Element Name: **Overall assessment - Left breast - Subcategory of category 4**

Description: Overall assessment for combinations of diagnostic breast imaging examinations, performed concurrently (e.g., mammography / ultrasound) - Left breast - Subcategory of category 4

Use: Optional if a category 4 assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 75
NMD Data Element Name: **Overall assessment - Right breast**

Description: Overall assessment for combinations of diagnostic breast imaging examinations, performed concurrently (e.g., mammography / ultrasound) - Right breast

Use: Required if component of combination examination; optional otherwise

Response: Select one.

Values:

Incomplete Assessment   Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.

0 Category 0: Incomplete - Need additional imaging evaluation

Final Assessment

1 Category 1: Negative   Essentially 0% likelihood of malignancy

2 Category 2: Benign   Essentially 0% likelihood of malignancy

3 Category 3: Probably benign   > 0% but ≤ 2% likelihood of malignancy

4 Category 4: Suspicious   > 2% but < 95% likelihood of malignancy

5 Category 5: Highly suggestive of malignancy   ≥ 95% likelihood of malignancy

6 Category 6: Known biopsy-proven malignancy

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 76
NMD Data Element Name: **Overall assessment - Right breast - Subcategory of category 4**

Description: Overall assessment for combinations of diagnostic breast imaging examinations, performed concurrently (e.g., mammography / ultrasound) - Right breast - Subcategory of category 4

Use: Optional if a category 4 assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD Data Dictionary Number(s): 77
NMD Data Element Name: **Overall assessment - Patient level**

Description: Overall assessment for combinations of diagnostic breast imaging examinations, performed concurrently (e.g., mammography / ultrasound) - Patient level

Use: Required if component of combination examination; optional otherwise

Response: Select one.

Values:

	Incomplete Assessment	Do not include incomplete assessments needing comparison with prior studies or technical recall examinations in audit data.
0	Category 0: Incomplete - Need additional imaging evaluation	

Final Assessment

1	Category 1: Negative	Essentially 0% likelihood of malignancy
2	Category 2: Benign	Essentially 0% likelihood of malignancy
3	Category 3: Probably benign	> 0% but ≤ 2% likelihood of malignancy
4	Category 4: Suspicious	> 2% but < 95% likelihood of malignancy
5	Category 5: Highly suggestive of malignancy	≥ 95% likelihood of malignancy
6	Category 6: Known biopsy-proven malignancy	

NMD Data Dictionary Number(s): 78
NMD Data Element Name: **Overall assessment - Patient level - Subcategory of category 4**

Description: Overall assessment for combinations of diagnostic breast imaging examinations, performed concurrently (e.g., mammography / ultrasound) - Patient level - Subcategory of category 4

Use: Optional if a category 4 assessment is reported; not applicable otherwise

Response: Select one.

Values:

A	Category 4A: Low suspicion for malignancy	> 2% to ≤ 10% likelihood of malignancy
B	Category 4B: Moderate suspicion for malignancy	> 10% to ≤ 50% likelihood of malignancy
C	Category 4C: High suspicion for malignancy	> 50% to < 95% likelihood of malignancy

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 79
NMD Data Element Name: Management - Left breast

Description: Management - Left breast

Use: Required if audit data are reported at breast level, and
                   management for the right breast is not reported

Response: Select one.

Values:

1 (Mammography only)	Recall for additional imaging and/or comparison with prior examination(s)
(Ultrasound only)	Recall for additional imaging
(MRI only)	Recommend additional imaging: Mammogram or targeted ultrasound
2 (Mammography only)	Routine mammography screening
(Ultrasound only)	Routine screening
(MRI only)	Routine breast MRI screening if cumulative lifetime risk ≥ 20%
3 (Mammography only)	Short-interval (6-month) follow-up or continued surveillance mammography
(Ultrasound only)	Short-interval (6-month) follow-up or continued surveillance
(MRI only)	Short-interval (6-month) follow-up
4 (All modalities)	Tissue diagnosis
5 (All modalities)	Surgical excision when clinically appropriate
6 (All modalities)	Other

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 80
NMD Data Element Name: Management - Right breast

Description: Management - Right breast

Use: Required if audit data are reported at breast level, and management for the left breast is not reported

Response: Select one.

Values:

1 (Mammography only)   Recall for additional imaging and/or comparison with prior examination(s)

  (Ultrasound only)   Recall for additional imaging

  (MRI only)   Recommend additional imaging: Mammogram or targeted ultrasound

2 (Mammography only)   Routine mammography screening

  (Ultrasound only)   Routine screening

  (MRI only)   Routine breast MRI screening if cumulative lifetime risk ≥ 20%

3 (Mammography only)   Short-interval (6-month) follow-up or continued surveillance mammography

  (Ultrasound only)   Short-interval (6-month) follow-up or continued surveillance

  (MRI only)   Short-interval (6-month) follow-up

4 (All modalities)   Tissue diagnosis

5 (All modalities)   Surgical excision when clinically appropriate

6 (All modalities)   Other

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 81
NMD Data Element Name: **Management - Patient level**

Description: Management - Patient level

Use: Required if audit data are reported at patient level; optional otherwise

Response: Select one.

Values:

1	(Mammography only)	Recall for additional imaging and/or comparison with prior examination(s)
	(Ultrasound only)	Recall for additional imaging
	(MRI only)	Recommend additional imaging: Mammogram or targeted ultrasound
2	(Mammography only)	Routine mammography screening
	(Ultrasound only)	Routine screening
	(MRI only)	Routine breast MRI screening if cumulative lifetime risk ≥ 20%
3	(Mammography only)	Short-interval (6-month) follow-up or continued surveillance mammography
	(Ultrasound only)	Short-interval (6-month) follow-up or continued surveillance
	(MRI only)	Short-interval (6-month) follow-up
4	(All modalities)	Tissue diagnosis
5	(All modalities)	Surgical excision when clinically appropriate
6	(All modalities)	Other

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

Pathology Data

NMD Data Dictionary Number(s): 82
NMD Data Element Name: **Date of biopsy**

Description:	Date of biopsy
Use:	Required if biopsy performed; not applicable otherwise
Response:	Indicate date of biopsy.
Values:	Any valid date in mm/dd/yyyy format

NMD Data Dictionary Number(s): 83
NMD Data Element Name: **Biopsy procedure**

Description:	Biopsy procedure
Use:	Required
Response:	Select one.
Values:	

    1 Fine needle aspiration cytology

    2 Core biopsy

    3 Cyst aspiration - diagnostic

    4 Incisional biopsy

    5 Excisional biopsy

    6 Mastectomy

    99 Unknown / Not applicable / Not available

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 84
NMD Data Element Name: **Classification of lesion**

Description: Classification of lesion

Use: Required

Response: Select the classification corresponding to the lesion of most concern. Refer to Pathology Code Appendix for classification by pathology code.

Values:

1 Benign

2 High Risk

3 Malignant

99 Not applicable / Not available

NMD Data Dictionary Number(s): 85
NMD Data Element Name: **Malignancy type**

Description: Malignancy type

Use: Required

Response: Select one. Refer to Pathology Code Appendix for malignancy type by pathology code.

Values:

1 Invasive

2 DCIS

88 Other

99 Not applicable / Not available

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 86
NMD Data Element Name: **Pathological size of tumor**

Description: Pathological size of tumor

Use: Required if breast cancer pathology identified; not applicable otherwise

Response: Indicate tumor size in mm.

Values: 0 - 999.9

NMD Data Dictionary Number(s): 87
NMD Data Element Name: **Histology grade**

Description: Histology grade. For invasive carcinomas, the AJCC Cancer Staging Manual, 8th Edition (2017), recommends using the Nottingham combined histologic grade (Elston-Ellis modification of the Scarff-Bloom-Richardson grading system).

Use: Required

Response: Select one.

Values:

0 Invasive carcinoma: GX - Grade cannot be assessed

1 Invasive carcinoma: G1 - Low combined histologic grade (favorable)

2 Invasive carcinoma: G2 - Intermediate combined histologic grade (moderately favorable)

3 Invasive carcinoma: G3 - High combined histologic grade (unfavorable)

4 DCIS: Low grade

5 DCIS: Intermediate grade

6 DCIS: High grade

99 Not applicable / Not available

NMD Data Dictionary Number(s): 88
NMD Data Element Name: **Nodes removed**

Description:	Nodes removed
Use:	Required
Response:	Indicate number of nodes removed.
Values:	Any integer between 0 and 99

NMD Data Dictionary Number(s): 89
NMD Data Element Name: **Nodes positive**

Description:	The number of nodes removed that were positive for breast cancer.
Use:	Required if "Nodes removed" > 0; not applicable otherwise
Response:	Indicate number of nodes positive for cancer.
Values:	Any integer between 0 and 99

NMD Data Dictionary Number(s): 90
NMD Data Element Name: **Tumor stage**

Description:	Tumor stage as defined in the AJCC Cancer Staging Manual, 8th Edition (2017)
Use:	Required
Response:	Select one.
Values:	

0 Stage 0

---

1 Stage I, not otherwise specified (APPLICABLE TO VERSION 3.4 ONLY)

1A Stage IA

1B Stage IB

2 Stage II, not otherwise specified (APPLICABLE TO VERSION 3.4 ONLY)

2A Stage IIA

2B Stage IIB

3 Stage III, not otherwise specified (APPLICABLE TO VERSION 3.4 ONLY)

3A Stage IIIA

3B Stage IIIB

3C Stage IIIC

4 Stage IV

99 Not applicable / Not available

NMD Data Dictionary Number(s): 91
NMD Data Element Name: Primary tumor

Description: Primary tumor as defined in the AJCC Cancer Staging Manual, 8th Edition (2017)

Use: Required

Response: Select one.

Values:

1 TX

2 T0

3 Tis

---

4 Tis (DCIS)

5 Tis (LCIS)

6 Tis (Paget's)

7 T1

8 T1mi

9 T1a

10 T1b

11 T1c

12 T2

13 T3

14 T4

15 T4a

16 T4b

17 T4c

18 T4d

99 Not applicable / Not available

NMD Data Dictionary Number(s): 92
NMD Data Element Name: Regional lymph nodes

Description: Regional lymph nodes as defined in the AJCC Cancer Staging
                 Manual, 8th Edition (2017)

Use: Required

Response: Select one.

Values:

1 NX

2 N0

3 N1

4 N2

5 N2a

6 N2b

7 N3

8 N3a

9 N3b

10 N3c

99 Not applicable / Not available

NMD Data Dictionary Number(s): 93
NMD Data Element Name: Distant metastases

Description: Distant metastases as defined in the AJCC Cancer Staging Manual, 8th Edition (2017)

Use:

Response: Select one.

Values:

1 M0

2 cM0(i+)

3 M1

99 Not applicable / Not available

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

NMD Data Dictionary Number(s): 94
NMD Data Element Name: **Method of detection**

Description: APPLICABLE TO VERSION 3.4 ONLY
Initial method by which breast cancer was detected

Use: Optional

Response: Select one.

Values:

Sma Screening full field 2D film or digital mammography (no synthetic views or DBT)

Sdbt Screening full field 2D film or digital mammography with DBT with full field 2D or synthetic 2D

SmaNOS Screening full field 2D film or digital mammography; use of synthetic views or DBT not specified

Sus Screening ultrasound (US)

Smri Screening MRI

Scem Screening contrast enhanced mammography (CEM)

Snuc Screening PEM or MBI

So Image-based screening modality other than mammography, US, MRI, CEM, PEM or MBI (e.g., CT)

SoNOS Image-based screening modality other than mammography, but further information on the specific modality is unknown

Sunk Image-based screening, but the specific modality is unknown.

Pat Patient reported self-examination finding and/or symptom

Pro Provider detected finding on physical examination of asymptomatic patient

Ppp Patient and/or the provider detected the cancer first; impossible to determine whether patient or provider

N Not image-based screening, Not patient or provider detected

U Unknown how cancer was detected

NMD DATA DICTIONARY-VERSIONS 3.0 and 3.4

PATHOLOGY CODE APPENDIX

Benign:
AB   Abscess
AD   Adenosis
AL   Adenolipoma
AM   Apocrine Metaplasia
AME   Adenomyoepithelioma
AMY   Amyloid (tumor)
ANA   Angiolipoma
ANH   Axillary node with reactive lymphoid hyperplasia
BAN   Benign axillary node
BC   Benign cyst
BCB   Benign cyst with blood
BCL   Benign Calcifications
CP   Intracystic papilloma
DE   Duct ectasia
DF   Diabetic fibrous mastopathy
DHU   Ductal hyperplasia, Usual
EBT   Ectopic (accessory) breast tissue
EC   Epidermal inclusion cyst
FA   Fibroadenoma
FAH   Fibroadenomatoid hyperplasia
FAL   Fibroadenolipoma
FB   Foreign body (reaction)
FC   Fibrocystic change
FF   Focal fibrosis
FM   Fibromatosis
FN   Fat necrosis
GA   Galactocele
GC   Granular cell tumor
GF   Giant fibroadenoma
GYN   Gynecomastia
HA   Hamartoma
HE   Hemangioma
HES   Hemangioma – nonparenchymal, subcutaneous
HEV   Hemangioma - venous
HM   Hematoma
IF   Inflammation
IMN   Intramammary lymph node
IN   Infarct
IP   Intraductal papilloma
JF   Juvenile fibroadenoma
JP   Juvenile papillomatosis
LA   Lactating adenoma
LB   Lipoma of the breast
LC   Lactational change
LM   Leiomyoma
MFB   Myofibroblastoma
MGA   Microglandular adenosis
MIP   Multiple intraductal papillomas
NA   No abnormality
NBT   Normal breast tissue
NFA   Neurofibroma
NFS   Neurofibromatosis
NPA   Nipple adenoma

Benign (continued):
PA   Papilloma
PL   Pleomorphic adenoma
PLC   Pseudolactational change
PSH   Pseudoangiomatous stromal hyperplasia
RS   Radial scar
SA   Sclerosing adenosis
SE   Seroma
SG   Silicone granuloma
ST   Scar tissue
TA   Tubular adenoma

High Risk:
ADH   Atypical ductal hyperplasia
AH   Atypical hyperplasia
ALH   Atypical lobular hyperplasia
FEA   Flat epithelial atypia
LS   Lobular carcinoma in-situ (LCIS)
PDP   Peripheral duct papillomas
PLS   Pleomorphic lobular carcinoma in-situ
PT   Phyllodes tumor-Benign

Malignant - Invasive:
ADC   Adenoid cystic carcinoma
AP   Apocrine carcinoma
AS   Angiosarcoma
CC   Mucinous (colloid) carcinoma
CED   Carcinoma with endocrine differentiation
FS   Fibrosarcoma
GRC   Glycogen-rich carcinoma
HAP   Hemangiopericytoma
ICC   Invasive cribriform carcinoma
ICP   Intracystic papillary carcinoma (may be either invasive or DCIS)
ID   Invasive ductal carcinoma
IL   Invasive lobular carcinoma
IMC   Invasive mammary carcinoma
INC   Inflammatory carcinoma
IPC   Invasive papillary carcinoma
LMS   Leiomyosarcoma
LPS   Liposarcoma
LRC   Lipid-rich (lipid-secreting) carcinoma
LVI   Lymphovascular invasion
MC   Medullary carcinoma
SC   Signet ring cell carcinoma
SJC   Secretory carcinoma
TC   Tubular carcinoma

Malignant – Non-Invasive:
DCS   Ductal carcinoma in situ
DCL   Ductal carcinoma in situ low nuclear grade
DCI   Ductal carcinoma in situ intermediate nuclear grade
DCH   Ductal carcinoma in situ high nuclear grade
ICP   Intracystic papillary carcinoma
PC   Papillary carcinoma in-situ

Malignant - Other
ANL   Axillary node with lymphoma
ANM   Axillary nodal with metastatic carcinoma
BCN   Basal cell carcinoma of the nipple
HL   Hodgkin's lymphoma
LI   Leukemic infiltration
LY   Lymphoma
MAN   Occult carcinoma presenting with axillary lymph node metastases
MB   Metastatic cancer to the breast
MBC   Metastatic cancer to the breast from the colon
MBL   Metastatic cancer to the breast from the lung
MBM   Metastatic melanoma to the breast
MBO   Metastatic cancer to the breast from the ovary
MBS   Metastatic sarcoma to the breast
MIM   Metastasis to an intramammary lymph node
MMN   Malignant melanoma of the nipple
MPC   Metaplastic carcinoma
NHL   Non-Hodgkin lymphoma
NMS   Neoplasm of the mammary skin
OS   Osteosarcoma
PD   Paget's disease (of the nipple)
PLS   Plasmacytoma
PTB   Phyllodes tumor – borderline
PTM   Phyllodes tumor – malignant
PUS   Pleomorphic undifferentiated sarcoma
SCN   Squamous cell carcinoma of the nipple
SQ   Squamous cell carcinoma