
The American College of Radiology
National Mammography
Database
(NMD)

Data Dictionary
Versions 3.0, 3.1 and 3.2

March 24, 2021



American College of Radiology
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NMD Data Dictionary Versions 3.0, 3.1 and 3.2

Revisions

Date	Description of Revisions
May 2, 2017	Original issue
June 28, 2019	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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
- 3.1 Excludes these NMD fields:
 - Rescheduled exam
 - Originally scheduled exam date
 - Reschedule reason
- 3.2 Includes all NMD fields

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 - VERSIONS 3.0-3.2

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 - VERSIONS 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 3.0-3.2

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
- 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:** AVAILABLE IN VERSION 3.1 ONLY
Medicare Beneficiary ID issued prior to 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 3.0-3.2

NMD Data Dictionary Number(s): 10

NMD Data Element Name: New patient Medicare Beneficiary ID

Description: AVAILABLE IN VERSION 3.1 ONLY
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
- 9 Unknown / Other

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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; not applicable if a physician identifier 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 3.0-3.2

- 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 \leq 2% likelihood of malignancy |
| 4 Category 4: Suspicious | > 2% but < 95% likelihood of malignancy |
| 5 Category 5: Highly suggestive of malignancy | \geq 95% likelihood of malignancy |
| 6 Category 6: Known biopsy-proven malignancy | |

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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; not applicable if a physician identifier 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 3.0-3.2

- 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 \leq 2% likelihood of malignancy |
| 4 Category 4: Suspicious | > 2% but < 95% likelihood of malignancy |
| 5 Category 5: Highly suggestive of malignancy | \geq 95% likelihood of malignancy |
| 6 Category 6: Known biopsy-proven malignancy | |

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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; not applicable if a physician identifier 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 3.0-3.2

- 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 \leq 2% likelihood of malignancy |
| 4 Category 4: Suspicious | > 2% but < 95% likelihood of malignancy |
| 5 Category 5: Highly suggestive of malignancy | \geq 95% likelihood of malignancy |
| 6 Category 6: Known biopsy-proven malignancy | |

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 3.0-3.2

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 3.0-3.2

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 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 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 3.0-3.2

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 3.0-3.2

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 3.0-3.2

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: APPLICABLE TO VERSION 3.2 ONLY
Indicate if this exam was previously scheduled on an earlier date and changed for any reason.

Use: Optional

Response: Select one.

Values:

Y Yes

N No

U Unknown

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

NMD Data Dictionary Number(s): 46.2

NMD Data Element Name: Originally scheduled exam date

- Description:** APPLICABLE TO VERSION 3.2 ONLY
Date on which the exam was previously scheduled.
- 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

NMD Data Dictionary Number(s): 46.3

NMD Data Element Name: Reschedule reason

- Description:** APPLICABLE TO VERSION 3.2 ONLY
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)

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 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 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

1 Yes

NMD Data Dictionary Number(s): 50

NMD Data Element Name: Use of tomosynthesis

Mammography only

Description: Indicates whether tomosynthesis was used

Use: Optional

Response: Select one.

Values:

0 No

1 Yes

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 - VERSIONS 3.0-3.2

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 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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 3.0-3.2

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.

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 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 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 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 3.0-3.2

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, and BPE for the right breast is not reported; 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, and BPE for the left breast is not reported; optional otherwise

Response: Select one.

Values:

- 1 Minimal
- 2 Mild
- 3 Moderate
- 4 Marked

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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; 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: Required for bilateral scans; not applicable otherwise

Response: Select one.

Values:

- 1 Symmetric
- 2 Asymmetric
- 99 Unknown / Not applicable

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 5 Category 5: Highly suggestive of malignancy $\geq 95\%$ 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 $\leq 10\%$ likelihood of malignancy
- B Category 4B: Moderate suspicion for malignancy $> 10\%$ to $\leq 50\%$ 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 3.0-3.2

- 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 \leq 2% likelihood of malignancy |
| 4 Category 4: Suspicious | > 2% but < 95% likelihood of malignancy |
| 5 Category 5: Highly suggestive of malignancy | \geq 95% likelihood of malignancy |
| 6 Category 6: Known biopsy-proven malignancy | |

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 3.0-3.2

- 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 \leq 2% likelihood of malignancy |
| 4 Category 4: Suspicious | > 2% but < 95% likelihood of malignancy |
| 5 Category 5: Highly suggestive of malignancy | \geq 95% likelihood of malignancy |
| 6 Category 6: Known biopsy-proven malignancy | |

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 | |
-

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- | | | |
|---|---|---|
| 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 3.0-3.2

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 3.0-3.2

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 |

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 3.0-3.2

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 $\geq 20\%$ |
| 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 3.0-3.2

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 $\geq 20\%$ |
| 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 3.0-3.2

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 $\geq 20\%$ |
| 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 3.0-3.2

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 Not applicable / Not available

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

NMD Data Dictionary Number(s): 84

NMD Data Element Name: Classification of lesion

Description: Classification of lesion

Use: Required

Response: Select one per lesion reported. 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 3.0-3.2

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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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

1A Stage IA

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 1B Stage IB
- 2A Stage IIA
- 2B Stage IIB
- 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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

- 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

NMD DATA DICTIONARY - VERSIONS 3.0-3.2

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 3.0-3.2

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	Intracystic papilloma
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