

Data Dictionary

SHAREFORCURES

ShareForCures – About Us



ShareForCures is a breast cancer research registry by Susan G. Komen, connecting researchers with information from people who have or had breast cancer.

Today, researchers are learning about breast cancer from a small subset of patients, who are not representative of all breast cancer patients. ShareForCures® is an online registry that offers people who have been diagnosed with breast cancer a way to participate in research by connecting information about themselves with their breast cancer diagnosis, medical records, and genomics.

ShareForCures is a breast cancer research registry by Susan G. Komen®, connecting scientists with information from people who have or had breast cancer. Sharing their breast cancer information with our registry – along with other ShareForCures participants – will help researchers discover cures for breast cancer faster. Through ShareForCures, we'll connect different types of health data from thousands of people over time to create one of the most valuable tools available for breast cancer research.

Table of Contents

ShareForCures – About Us	2
Field Descriptions	4
<i>Clinical Data</i>	4
• Biomarkers	4
• Demographics	7
• Disease Characteristics	9
• Family History Cancer	14
• Imaging	16
• Laboratory Testing	18
• Medication List	19
• Payor	20
• Performance Score	21
• Participant Reported Outcomes (PRO)	22
• Problem List	24
• Procedures	24
• Radiation Therapy	26
• Regimen	27
• Symptoms	29
• Trials	30
• Tumor Response	30
• Visit	32
<i>Questionnaire Data</i>	35
• About You Questionnaire - Participant Profile	35
• Family Health History	38
• Quality of Life	50
• Social Determinants of Health	55
Learn More	63
Appendix	64

Field Descriptions

Clinical Data

Clinical data related to the participant's breast cancer diagnosis and treatments are abstracted from their electronic health record. The abstracted data elements have been assigned curation groups that detail the time frame the information was curated relative to each participant's breast cancer diagnosis. These curation time periods are as follows:

- Pre-incidence: Relevant clinical data recorded prior to the participant's breast cancer diagnosis.
- Incidence: Clinical data recorded at or immediately following the participant's breast cancer diagnosis.
- Post-incidence: Clinical data recorded after the participant's breast cancer diagnosis.

Biomarkers

Table Description

This table contains information describing biomarker testing related to breast cancer found in the medical record. If biomarker_genomic = Yes, the information about the genomic biomarker is captured on the Biomarker Genes table and linked by biomarker_id. Alternatively, if biomarker_genomic = No, then the information about the biomarker is captured on the Biomarker Details table and linked by biomarker_id.

Curation Time Period

Incidence and Post-incidence

Provenance

Preference for Pathology report, then any other source in the medical record.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Biomarkers Table			
Patient ID	patient_id	Unique ID per participant	
Biomarker ID	biomarker_id	Unique ID per biomarker per participant	
Biomarker Yes/No	biomarker_yn	Indicates if the record includes biomarker testing	1 = Yes 0 = No
Biomarker Test Name	biomarker_test	Name of the biomarker test performed. Limited to breast cancer related biomarkers.	1 = Oncotype DX 2 = MammaPrint 3 = PAM50 4 = FoundationOne CDx 5 = Other 6 = FISH

			7 = Immunohistochemistry 9999 = Not Documented
Biomarker Provenance	biomarker_provenance	Provenance of the biomarker test in the record	1 = Pathology report 2 = Lab Report 3 = Oncology provider note 4 = Other provider note
Biomarker Lab	biomarker_lab	Name of the lab or company analyzing the biomarker test	1 = Foundation One 2 = Biotheranostics 3 = Agendia 4 = Exact Sciences 5 = Genomic Health, Inc. 6 = Invitae 7 = Genetic Matters 8 = Prosigna 9 = Myriad 10 = Other 9999 = Not Documented
Tissue	biomarker_tissue	Type of tissue that was used in the biomarker test	1 = Breast biopsy 2 = Breast surgical sample (lumpectomy or mastectomy) 3 = Lymph node 4 = Bone biopsy 5 = Blood 6 = Saliva/buccal swab 7 = Liver biopsy 8 = Skin biopsy 9 = Metastatic biopsy 9999 = Not Documented
Genomic	biomarker_genomic	Indicates whether the test was a genomic test, with results reported by gene	1 = Yes 0 = No

Biomarker Genes Table

Patient ID	patient_id	Unique ID per participant	
Biomarker Gene ID	biomarker_gene_id	Unique ID per gene per biomarker	
Biomarker ID	biomarker_id	Unique ID per biomarker per participant	
Biomarker Gene	biomarker_gene	Gene reported in the genomic test	Refer to Biomarker Genes Table
Result Date	biomarker_gene_date	Date of biomarker test result	YYYYMMDD
Gene Sequence	biomarker_gene_finding	Gene sequence result	Free text
Variant Evidence	biomarker_gene_variant_type	Evidence for variant pathogenicity	1 = Pathogenic 2 = Variant of Uncertain Significance (VUS)

3 = Benign
 4 = Likely pathogenic
 5 = Likely benign
 6 = Positive
 7 = Negative
 9999 = Not Documented

Biomarker Test Details Table

Patient ID	patient_id	Unique ID per participant		
Biomarker ID	biomarker_id	Unique ID per biomarker per participant		
Biomarker Detail ID	biomarker_detail_id	Unique ID per biomarker detail per biomarker		
Biomarker Name	biomarker_name	Name of biomarker 1 = AR 2 = BC Index Predictive 3 = BC Index Prognostic 4 = Cytokeratin 5 = DCiSionRT score 6 = E-cadherin 7 = ER 8 = HER2 9 = Ki67 10 = MammaPrint Score 11 = MSI 12 = Oncotype DX Score 13 = PAM50 (Prosigna Score) 14 = PD-L1 15 = PR 16 = p120 catenin 17 = Residual cancer burden 18 = TMB 19 = Tumor infiltrating lymphocytes 20 = Other		
Result Date	biomarker_result_date	Date of biomarker test result	YYYYMMDD	
Result Status	biomarker_result_status	Biomarker test results	1 = MS-High 2 = MS-Stable 3 = Positive 4 = Negative 5 = Indeterminate 6 = HER 2 Neu Low 7 = HER2 Neu Positive 8 = 0 9 = 1+ 10 = 2+ 11 = 3+ 12 = Other 13 = Amplified 14 = Detected 15 = Weakly positive	

16 = Equivocal
9999 = Not Documented

Result Other	biomarker_result_status_other	Captures any extraneous results	Free text
Result Units	biomarker_result_units	Units of the biomarker result	1 = Mutations/Mb 9999 = Not Documented
Results Percentage	biomarker_result_percentage	Percentage associated with a positive result	Free text

Demographics

Table Description

This table contains information describing participants' demographic and substance use information found in their medical records.

Curation Time Period

Incidence (Post-incidence exceptions: Vital Status, Death Date, and Death Source).

Provenance

Preference for face/front sheet, then any other source in the medical record, like a clinical note from an MD, DO, PA, ARNP/CRNP.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Year of Birth	birth_year	Year of birth	YYYY
Age at Initial Diagnosis	age_at_diagnosis	Age at initial diagnosis	YYYYMMDD
Sex	sex	Sex assigned at birth	1 = Male 2 = Female 3 = Other 9999 = Not Documented
Race ¹	race	Race	1 = White 2 = Black or African American 3 = Asian

¹ As defined by [U.S. Census Bureau](#):

- Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
- Black or African American: A person having origins in any of the Black racial groups of Africa.
- White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.
- Other race/Multiracial: A person that self-identifies as being of American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, or of multiple races.

			4 = Other race/Multiracial 9999 = Not Documented
Ethnicity	ethnicity	Ethnicity	1 = Hispanic 2 = Non-Hispanic 9999 = Not Documented
State	state	State of residence	US State List; 9999 = Not Documented
Employment Status	employment_status	Status of employment	1 = Employed Full Time 2 = Employed Part Time 3 = Employed, FT or PT not specified 4 = Not Employed 5 = Retired 6 = Student (Not Employed) 7 = Self-Employed 9999 = Not Documented
Education Level	education_level	Highest level of education obtained	1 = Less than High School/GED 2 = High School/GED 3 = Some College, No Degree 4 = Associate's Degree 5 = Bachelor's Degree 6 = Master's Degree 7 = Doctorate Degree 8 = Post Graduate 9999 = Not Documented
Marital Status	marital_status	Marital status as recorded on or after the initial diagnosis date	1 = Single 2 = Divorced 3 = Domestic Partnership 4 = Married 5 = Separated 6 = Widow 9999 = Not Documented
Pregnancy	pregnancy_cancer	Breast cancer diagnosed during pregnancy	1 = Yes 0 = No
Menopause Yes/No	menopause_yn	Menopause status as recorded on or after the initial diagnosis date	1 = Yes 0 = No
Menopause	menopause	Date of menopause	YYYYMMDD
Vital Status	vital_status	Vital status as of the last known data in the medical record	1 = Living 2 = Deceased
		‘Living’ is assumed unless otherwise stated	

Death Date	death_date	Date of death as of the last known data in the medical record	YYYYMMDD
Death Source	death_source	Source that confirmed death as of the last known data in the medical record	1 = Death Certificate 2 = Provider Note 3 = Facility Facesheet 4 = Hospice/Palliative Care Record 5 = Estate Documentation 9999 = Not Documented
Residential Type	primary_residential_type	Primary residence type	1 = Assisted Living 2 = Apartment Building 3 = College Dormitory 4 = Correctional Facility 5 = Homeless 6 = Independent Living Retirement Community 7 = Mobile Home Court 8 = Nursing Home 9 = Other 10 = Single Family Home 11 = Townhome 9999 = Not Documented
Nicotine Use	nic_status	Nicotine use	1 = Never smoked 2 = Current User 3 = Former User 4 = Second Hand Smoke Exposed 5 = Yes 6 = No 9999 = Not Documented
Drug Use	drug_use	Illicit drug use (not including marijuana)	1 = Never 2 = Current 3 = Former 4 = Yes 5 = No 9999 = Not Documented
Marijuana Use	marijuana_use	Marijuana use	1 = Never 2 = Current 3 = Former 4 = Yes 5 = No 9999 = Not Documented
Alcohol Use	alcohol_use	Alcohol use	1 = Never 2 = Current 3 = Former 4 = Yes 5 = No 9999 = Not Documented

Disease Characteristics

Table Description

The Disease Characteristics tables contain information describing breast cancer diagnosis and progression events found in the medical record. If progression_yn = Yes, the information about the disease progression is captured on the Disease Characteristics Progression table and linked by progression_id. Additionally, information about the disease's primary site is captured on the Disease Characteristics Primary Site table and the disease's progression site is captured on the Disease Characteristics Progression Site table, both linked to by progression_id.

Curation Time Period

Incidence and Post-Incidence

Provenance

Collected from pathology report, oncology provider note (MD, DO, NP, PA), or operative report only.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Disease Characteristics Table			
Patient ID	patient_id	Unique ID per participant	
Disease ID	disease_id	Unique disease ID per participant	
Histology Yes/No	histology_yn	Indicates if the record includes histology information	1 = Yes 0 = No
Histology	histology_initial_dx	ICD-O-3 histology description and code	Refer to ICD-O-3 Histology Table
Staging Provenance	stage_provenance_dx	Provenance of the staging	1 = Clinical 2 = Pathological 9999 = Not Documented
Initial T Stage	t_stage_initial_dx	T stage at initial breast cancer diagnosis	1 = Tx 2 = T0 3 = Tis 4 = T1 5 = T1mi 6 = T1a 7 = T1b 8 = T1c 9 = T2 10 = T3 11 = T4 12 = T4a 13 = T4b 14 = T4c 15 = T4d 9999 = Not Documented
Initial N Stage	n_stage_initial_dx	N stage at initial breast cancer diagnosis	1 = NX 2 = N0 3 = N0(i+) 4 = N0(mol+) 5 = N1 6 = N1mi 7 = N1a 8 = N1b 9 = N1c

			10 = N2 11 = N2a 12 = N2b 13 = N3 14 = N3a 15 = N3b 16 = N3c 9999 = Not Documented
Initial M Stage	m_stage_initial_dx	M stage at initial breast cancer diagnosis	1 = MX 2 = M0 3 = M0(i+) 4 = M1 9999 = Not Documented
Metastasis Site	m_number_initial_dx	Number of metastasis sites at initial diagnosis. Metastases are only included if they are biopsy-proven and/or provider-confirmed metastases of breast origin	# Not Documented
Initial Grade	grade_initial_dx	Grade at initial breast cancer diagnosis	1 = G1: Low combined histologic grade (favorable), SBR score of 3-5 points 2 = G2: Intermediate combined histologic grade (moderately favorable); SBR score of 6-7 points 3 = G3: High combined histologic grade (unfavorable); SBR score of 8-9 points 4 = L - Nuclear Grade I (Low) (in situ only) 5 = M - Nuclear Grade II (intermediate) (in situ only) 6 = H - Nuclear Grade III (High) (in situ only) 7 = A - Well differentiated 8 = B - Moderately differentiated 9 = C - Poorly differentiated 10 = D - Undifferentiated, anaplastic 11 = 9 - Grade cannot be assessed (GX); Unknown

Initial Group Stage	group_stage_initial_dx	Group stage at initial breast cancer diagnosis	1 = Stage 0 10 = Stage I 2 = Stage IA 3 = Stage IB 11 = Stage II 4 = Stage IIA 5 = Stage IIB 12 = Stage III 6 = Stage IIIA 7 = Stage IIIB 8 = Stage IIIC 9 = Stage IV 88 = Not applicable 9999 = Not Documented
Initial Group Stage Date	group_stage_dx_date	Date of initial breast cancer diagnosis	YYYYMMDD
Progression Yes/No	progression_yn	Indicates if the record includes evidence of disease progression	1 = Yes 0 = No
Disease Characteristics Primary Site Table			
Patient ID	patient_id	Unique ID per participant	
Disease ID	disease_id	Unique disease ID per participant	
Primary Site ID	primary_site_id	Unique ID per primary site per disease	
Anatomic Site Code	anatomic_site_loc	ICD-O-3 description and code for the anatomic site of the disease	Refer to ICD-O-3 Anatomic Site Table
Initial Tumor Size	tumor_size_initial	Largest dimension of the tumor	Free text
Initial Tumor Size Unit	tumor_size_initial_unit	Unit associated with the tumor dimension	1 = mm 2 = cm 9999 = Not Documented
Initial Multifocal Tumors Yes/No	multifocal_initial	Indicates if the record includes evidence of multifocal tumors at initial breast cancer diagnosis	1 = Yes 0 = No 9999 = Not Documented
Disease Characteristics Progression			
Patient ID	patient_id	Unique ID per participant	
Progression ID	progression_id	Unique ID per progression per disease	
Disease ID	disease_id	Unique disease ID per participant	
Staging Provenance	stage_provenance_progression_dx	Provenance of the staging	1=Clinical 2=Pathological 9999=Not Documented

Progression T Stage	t_stage_progression_dx	T stage of disease progression	1 = Tx 2 = T0 3 = Tis 4 = T1 5 = T1mi 6 = T1a 7 = T1b 8 = T1c 9 = T2 10 = T3 11 = T4 12 = T4a 13 = T4b 14 = T4c 15 = T4d 9999 = Not Documented
Progression N Stage	n_stage_progression_dx	N stage of disease progression	1 = NX 2 = N0 3 = N0(i+) 4 = N0(mol+) 5 = N1 6 = N1mi 7 = N1a 8 = N1b 9 = N1c 10 = N2 11 = N2a 12 = N2b 13 = N3 14 = N3a 15 = N3b 16 = N3c 9999 = Not Documented
Progression M Stage	m_stage_progression_dx	M stage of disease progression	1 = MX 2 = M0 3 = M0(i+) 4 = M1 9999 = Not Documented
Number of Metastatic Sites	m_number_progression_n_dx	Total number of metastatic sites at progression	
Progression Grade	grade_progression_dx	Grade at progression	1 = Low Grade/Well Differentiated 2 = Intermediate Grade/Moderately Differentiated 3 = High Grade/Poorly Differentiated 9999 = Not Documented
Progression Group Stage	group_stage_progression	Group stage advancement following initial diagnosis date	1 = Stage 0 10 = Stage I 2 = Stage IA

			3 = Stage IB 11 = Stage II 4 = Stage IIA 5 = Stage IIB 12 = Stage III 6 = Stage IIIA 7 = Stage IIIB 8 = Stage IIIC 9 = Stage IV 88 = Not applicable 9999 = Not Documented
Progression Group Stage Date	group_stage_progression_date	Date the group stage advances following initial diagnosis date	YYYYMMDD
Disease Characteristics Progression Site			
Patient ID	patient_id	Unique ID per participant	
Progression ID	progression_id	Unique ID per progression per disease	
Progression Site ID	progression_site_id	Unique ID per progression site per progression	
Progression Site Yes/No	progression_site_yn	Indicates if the record includes information for the progression event	1 = Yes 0 = No
Progression Anatomic Site	anatomic_site_progression	ICD-O-3 description and code for the anatomic site of disease progression	Refer to ICD-O-3 Anatomic Site Table
Progression Tumor Size	tumor_size_progression	Largest dimension of the tumor	Free text
Progression Tumor Size Unit	tumor_size_progression_unit	Unit associated with the tumor dimension	1 = mm 2 = cm 9999 = Not Documented
Progression Multifocal Tumors Yes/No	multifocal_progression	Indicates if the record includes evidence of multifocal tumor progression	1 = Yes 0 = No 9999 = Not Documented

Family History Cancer

Table Description

This table contains information describing the participant's family cancer history.

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

This data is collected from a provider's clinical note (MD, DO, PA, ARNP/CRNP).

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Family History ID	family_history_id	Unique ID per cancer history per participant	
Cancer History Yes/No	cancer_history_yn	Indicates if the record includes any family history of cancer	1 = Yes 0 = No 9999 = Not Documented
Cancer Type	cancer_type	Type of cancer found in family history	1 = Bladder 2 = Bone 3 = Brain 4 = Breast 5 = Colon 6 = Esophageal 7 = Gastric 8 = Head & Neck 9 = Hodgkin's Lymphoma 10 = Leukemia 11 = Liver 12 = Lung 13 = Melanoma 14 = Mesothelioma 15 = Multiple Myeloma 16 = Myelodysplastic Syndrome 17 = Non-Hodgkin's Lymphoma 18 = Pancreatic 19 = Prostate 20 = Rectal 21 = Renal 22 = Sarcoma 23 = Skin 24 = Testicular 25 = Thyroid 26 = Uterine 27 = Ovarian 28 = Fallopian Tube 29 = Laryngeal 30 = Unknown primary 31 = Lymphoma 32 = Cervical 33 = Throat 34 = Jaw 9999 = Not Documented
Relative	relative	Relative with history of cancer	1 = Mother 2 = Father 3 = Sister

			4 = Brother 5 = Grandparents - paternal 6 = Grandparents - maternal 7 = Other
Relative Other	relative_other	Specifies other relative not listed above	Free text

Imaging

Table Description

This table contains information describing imaging performed related to the diagnosis, management or surveillance of breast cancer found in the medical record.

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

Imaging collected only related to breast cancer. This data is only collected when found in a radiology report.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Imaging ID	imaging_id	Unique ID per imaging per participant	
Imaging Yes/No	imaging_yn	Indicates if the record includes evidence of imaging	1 = Yes 0 = No
Perform Date	imaging_perform_date	Date imaging was performed	YYYYMMDD
Interpret Date	imaging_interpret_date	Date imaging was interpreted	YYYYMMDD

Finding ^{2,3}	imaging_finding	Findings reported by a radiologist or provider	1 = Normal 2 = Abnormal 9999 = Not Documented
Image Finding Detail	imaging_finding_detail	Additional detail about abnormal imaging findings	Free text
Score	imaging_score	Score or rating for imaging data	Free text
Score System	imaging_score_system	Quantitative or qualitative scales used to characterize imaging findings	1 = BIRADS 2 = T-Score 9999 = Not Documented
Imaging Type	imaging_type	Type of imaging performed	1 = CT Scan 2 = Mammogram 3 = MRI 4 = PET/CT Scan 5 = Ultrasound 6 = DEXA 7 = Nuclear Medicine Bone Scan 8 = X-Ray 9 = NM Breast Imaging 9999 = Not Documented
Breast Density	imaging_breast_density	Breast density for mammogram imaging	1 = (A) Almost entirely fatty 2 = (B) Scattered areas of fibroglandular density 3 = (C) Heterogeneously dense 4 = (D) Extremely dense

² A normal finding is documented in the medical record as follows:

1. Unremarkable - May be stated as “no remarkable findings, disease, changes”
2. No abnormality detected/found (any reference to “no abnormality”)
3. Essentially normal (or use of normal in similar context)
4. Negative
5. Benign Findings or Benign Exam
6. No evidence of disease, abnormality, or malignancy
7. Impression/Findings report no acute changes or abnormality from previous scan or participant’s baseline
8. Impression/Results indicate a known chronic condition or finding
9. Results indicate there are no new pulmonary infiltrates for disease
10. “Stable exam” or indication of “stable” in impression/result findings
11. If there is indication of any organ disease, the finding is not new/acute or unexpected. If there are new findings, this would be abnormal.
12. Abnormal indicates participant had impression/result finding that is new, acute, unexpected, and/or a change from participant’s known clinical history or baseline/previous imaging findings.

³ An abnormal finding is documented in the medical record as follows:

1. Report finding/impresion indicates new or unexpected finding
2. Impression indicates “clinical correlation recommended” or “clinical follow up suggested” – the findings/impresion indicates that participant needs further medical evaluation based on result
3. New pulmonary infiltrates are reported
4. Impression indicates “suspicion for” a new medical condition or acute change in any organ system
5. Report indicates “potentially abnormal” with recommendation for follow up
6. Indication that given participant’s history, abnormality is assumed, can’t be ruled out, or suspicious for any condition that is abnormal
7. Findings are inconclusive and there is need for ANY type of medical or radiology follow up (This means that radiologist is unsure and there needs to be more evaluation).

			9999 = Not Documented
Body Part	imaging_body_part	Body part imaged	1 = Abdomen 2 = Abdomen or Pelvis 3 = Ankle 4 = Brain 5 = Breast 6 = Cervical or Thoracic 7 = Chest 8 = Elbow 9 = Femur 10 = Foot 11 = Forearm 12 = Hand 13 = Head 14 = Hip 15 = Head or Neck 16 = Knee 17 = Lumbar Thoracic 18 = Neck 19 = Pelvis 20 = Renal or Kidney 21 = Skull to Thigh 22 = Spine Cervical 23 = Spine Lumbar 24 = Spine Thoracic 25 = Shoulder 26 = Upper Arm or Humerus 27 = Whole Body 28 = Wrist 29 = Axilla 30 = Liver 31 = Chest, Abdomen, Pelvis
			9999 = Not Documented
Body Part Side	imaging_body_part_side	Laterality of the body part imaged for lower and upper extremities	1 = Right 2 = Left 3 = Bilateral 9999 = Not Documented
Photos Yes/No	imaging_photos_yn	Indicates if photos were taken and are present in the medical record	1 = Yes 0 = No

Laboratory Testing

Table Description

This table contains information describing laboratory testing performed related to diagnosis, management or surveillance of breast cancer found in the medical record. At minimum, the last laboratory test of each quarter of the year is captured (March, June, September, and December).

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

Results collected from laboratory reports only related to breast cancer.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Lab ID	lab_id	Unique ID per lab per participant	
Labs Yes/No	labs_yn	Indicates if the record includes breast related lab testing	1 = Yes 0 = No
Test Name	lab_test_name	Name of lab test	Refer to Lab Test Names Table
Result	lab_result	Result of lab test	# Not Documented
Result Unit	lab_result_unit	Unit lab test was measured in	Refer to Lab Units Table
Collection Date	lab_collect_date	Date lab test was collected	YYYYMMDD
Result Date	lab_result_date	Date of lab test result	YYYYMMDD
Specimen Type	lab_specimen_type	Type of specimen provided for lab test.	1 = Blood 2 = Bone Marrow 3 = Cells 4 = Cerebrospinal fluid 5 = Saliva 6 = Sputum 7 = Stool 8 = Tissue 9 = Urine 9999 = Not Documented

Medication List

Table Description

This table contains information detailing medications ordered, administered, or self-reported in the medical record, including any supportive therapies, antibiotics, hormone therapies, steroids, and statins.

Curation Time Period

Incidence and Post-Incidence

Provenance

Results collected from medication list or clinical progress note.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Med ID	med_id	Unique ID per medication per participant	
Meds Yes/No	med_yn	Indicates if the record includes any medications	1 = Yes 0 = No
Medication Name	med_name	Name of medication as recorded in medical record (brand or generic).	Drug name as per WHO Drug
Medication Start Date	med_start_date	The earliest date medication is first ordered, administered, or self-reported	YYYYMMDD
Medication Ongoing Yes/No	med_end_yn	Indicates if the medication is ongoing at the end of the medical record	1 = Yes 0 = No
Medication End Date	med_end_date	The latest date medication is known to be ordered, administered, or self-reported	YYYYMMDD

Payor

Table Description

This table contains details regarding payors found in the medical record. Payors are entities that pay for services rendered by a healthcare provider.

Curation Time Period

Incidence and Post-Incidence

Provenance

Results collected from any source in the medical record related to a breast cancer visit.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	

Payor ID	payor_id	Unique ID per payor per participant	
Payor Yes/No	payor_yn	Indicates if the record includes payor information	1 = Yes 0 = No
Payor	payor	Type of payor	1 = CHIP 2 = Commercial 3 = Medicaid 4 = Medicare 5 = Medigap 6 = Self-Pay 7 = TRICARE 8 = Veteran's Affairs 9 = Uninsured 9999 = Not Documented
Insurance Type	insurance_type	Indicates whether the payor is the participant's primary or secondary source of insurance	1 = Primary 2 = Secondary 9999 = Not Documented
Payor Effective Date	payor_effective_date	Date the payor was effective	YYYYMMDD
Payor Confirmation Date	payor_date	Latest date the payor was confirmed in the medical record	YYYYMMDD
Status	insurance_status	Indicates the insurance status of the payor	1 = Current 2 = Disenrolled 9999 = Not Documented
Disenroll Date	disenroll_date	Date that the participant disenrolled from the payor	YYYYMMDD

Performance Score

Table Description

This table records ECOG and Karnofsky performance scores found in the medical record. The Eastern Cooperative Oncology Group (ECOG) Score assesses a patient's level of functioning in terms of their ability to care for themselves, daily activity, and physical ability (walking, working, etc.). The Karnofsky Score assesses.

Curation Time Period

Incidence and Post-Incidence

Provenance

Oncology provider progress note limiting to the following providers MD, DO, PA, or NP.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Performance Score ID	ps_ID	Unique ID per performance score per participant	
Performance Scores Yes/No	ps_yn	Indicates if the record includes performance scores	1 = Yes 0 = No
Performance Score Date	ps_date	Date linked to a performance score	YYYYMMDD
Performance Score Type	PS_type	Type of performance score recorded	1 = ECOG 2 = Karnofsky
ECOG Score	ecog_score	ECOG score	0 = 0 1 = 1 2 = 2 3 = 3 4 = 4 5 = 1-2 6 = 2-3 7 = 3-4 9999 = Not Documented
Karnofsky Score	karnofsky_score	Karnofsky score	1 = 1-9 2 = 10-19 3 = 20-29 4 = 30-39 5 = 40-49 6 = 50-59 7 = 60-69 8 = 70-79 9 = 80-89 10 = 90-100 9999 = Not Documented

Participant Reported Outcomes (PRO)

Table Description

This table captures participants' responses to any patient-reported outcome measure found in the medical record.

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

Preference for oncology provider progress note (limiting to the following providers MD, DO, PA, or NP), then other documentation

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
PRO ID	pro_id	Unique ID per PRO per participant	
PRO Yes/No	pro_yn	Indicates if the record includes any PROs	1 = Yes 0 = No
Assessment Name	pro_name	Name of PRO	1 = AUDIT-C 2 = BREAST-Q 3 = Cancer Fatigue Scale 4 = Mini-Cog 5 = MMSE 6 = MoCA 7 = NCCN Distress 8 = Patient Care Monitor 9 = PHQ-2 10 = PHQ-9 11 = SF-12 12 = GAD-7 13 = Edmonton System Assessment Scale (ESAS) 14 = Gastrointestinal Oncology Scales 15 = PROMIS 10 16 = CAGE-AID 17 = Comparative Pain Scale 18 = DASH 19 = EuroQol (EQ-5D) Index Score 9999 = Not Documented
Topic	pro_topic	Topic or subject area of individual question on the PRO	Refer to PRO Topics Table
Quantitative Result	pro_result_quantitative	Result or score reported for the individual question on the PRO	1 = Yes 0 = No 9999 = Not Documented
Qualitative Result	pro_result_qualitative	Result reported for the individual question on the PRO	1 = Yes 0 = No 9999 = Not Documented

Date	pro_date	Date the PRO was performed	YYYYMMDD
------	----------	----------------------------	----------

Problem List

Table Description

This table contains details regarding health conditions, including chronic conditions, acute breast/breast cancer related conditions, adverse events, recurrent symptoms (e.g. pain), and cancer history.

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

Collected from oncology provider progress note (limiting to the following providers MD, DO, PA, or NP).

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Problem List ID	problem_list_id	Unique ID per problem per participant	
Problem List Yes/No	problem_list_yn	Indicates if the record includes evidence of health conditions	1 = Yes 0 = No
Diagnosis	diagnosis	Diagnosis of the health condition	Condition as per Medical Dictionary for Regulatory Activities
Diagnosis Date	diagnosis_date	Date the health condition started	YYYYMMDD
Documented date	diagnosis_documented_date	Date the health condition was first reported in the record	YYYYMMDD

Procedures

Table Description

This table contains details regarding medical procedures performed related to breast cancer.

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

Collected from any breast cancer related procedure in the medical record.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Procedure ID	procedure_id	Unique ID per procedure per participant	
Procedure Yes/No	procedure_yn	Indicates if the record includes a procedure related to breast cancer	1 = Yes 0 = No
Procedure Provenance	procedure_provenance	Provenance of the procedure information in the record	1= Operative Report 2 = Pathology Report 3 = Oncology provider note 4=Other provider note
Procedure Name	procedure	Name of procedure performed	Procedure name as per MedDRA
Procedure Location	procedure_location	Anatomical location of the procedure	1 = Brain or Head 2 = Breast NOS 3 = Spine 4 = Neck 5 = Chest 6 = Abdomen 7 = Pelvis 8 = Lower Extremity 9 = Upper Extremity 10 = Full Body 11 = Axilla 12 = Left Breast 13 = Right Breast 14 = Bilateral Breasts 15 = Left Axilla 16 = Right Axilla 17 = Bone 18 = Liver 19 = Pleura 9999 = Not Documented
Tumor Size	tumor_dimension	Largest dimension of the tumor	#
Tumor Size Unit	tumor_dimension_unit	Units associated with the tumor dimension	Not Documented 1 = cm 2 = in 3 = m 4 = mm 9999 = Not Documented

Procedure Start Date	procedure_start_date	Date procedure started	YYYYMMDD
Procedure Stop Date	procedure_stop_date	Date procedure stopped	YYYYMMDD

Radiation Therapy

Table Description

This table contains details regarding radiation therapy for the treatment of breast cancer.

Curation Time Period

Incidence and Post-Incidence

Provenance

Collected from radiation oncology treatment summary.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Radiation Therapy ID	radiation_therapy_id	Unique ID per radiation therapy per participant	
Radiation Therapy Yes/No	radiation_therapy_yn	Indicates if the record includes radiation therapy	1 = Yes 0 = No
Radiation Clinical Trial Yes/No	radiation_clinical_trial_yn	Indicates if the record includes evidence of radiation therapy as part of a clinical trial	1 = Yes 0 = No 9999 = Not Documented
Radiation Energy	radiation_energy	Type of radiation therapy	Free text Not Documented
Radiation Technique	radiation_technique	Technique used to deliver radiation therapy	Free text
Radiation Anatomic Location	radiation_anatomic_site	ICD-O-3 description and code for the anatomic location of radiation therapy	Refer to Radiation Anatomic Location Table
Body Part Side	radiation_anatomic_site_side	Laterality of radiation therapy	1 = Right 2 = Left 3 = Bilateral 9999 = Not Documented
Total Radiation Dose Received	radiation_total_dose_recieved_value	Total dose of radiation received	# Not Documented

Radiation Dose Received Unit	radiation_dose_received_unit	Unit of radiation dose measurement	Free text Not Documented
Radiation Fractions Total	radiation_total_fractions_received	Total number of radiation fractions received (including boost treatments)	# Not Documented
Radiation Discontinuation	radiation_discontinuation	Indicates if the record includes evidence of radiation therapy discontinuation	1 = Discontinued Treatment 2 = Switched to New Treatment 3 = Ongoing Treatment 4 = Treatment Completed 9999 = Not Documented
Radiation Discontinuation Reason	radiation_dc_reason	Reason for discontinuation of radiation therapy	1 = Patient Preference 2 = MD Preference 3 = Toxicity 4 = Insurance Response 5 = Progression 6 = Inadequate Response 7 = Death 9999 = Not Documented
Radiation Start Date	radiation_start_date	Date of the start of radiation therapy	YYYYMMDD
Radiation End Date	radiation_end_date	Date of the end of radiation therapy	YYYYMMDD

Regimen

Table Description

The Regimen table contains details regarding drug regimen therapy for the treatment of breast cancer. Drug regimen therapy includes any integrative, alternative, functional, or holistic therapies used to treat breast cancer.

Curation Time Period

Incidence and Post-Incidence

Provenance

Collected from oncology provider progress note limiting to the following providers MD, DO, PA, or NP or a oncology treatment summary note.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
------------	---------------	------------	---------------

Patient ID	patient_id	Unique ID per participant	
Regimen ID	regimen_id	Unique ID per regimen per participant	
Regimen Yes/No	regimen_yn	Indicates if the record includes drug regimen treatment	1 = Yes 0 = No
Regimen Clinical Trial Yes/No	regimen_clinical_trial_yn	Indicates if the record includes evidence of drug regimen treatment as part of a clinical trial	1 = Yes 0 = No 9999 = Not Documented
Regimen Name	regimen_name	Name of the drug regimen combination received	Refer to Regimen Names Table
Drug Name	regimen_drugs	Individual drug used in the drug regimen combination	Drug name as per WHO Drug
Route	regimen_route_of_administration	Method of delivery for the regimen	1 = IV (intravenous) 2 = ITY (Intrathecal) 3 = IP (Intraperitoneal) 4 = ITV (Intravitreal) 5 = Oral 6, IM (Intramuscular) 7, SQ (Subcutaneous) 8, Implant 9999 = Not Documented
Intent	regimen_intent	Intent of the regimen treatment	1 = Neoadjuvant 2 = Adjuvant 3 = Chemoradiation 4 = Palliative 5 = Advanced Line 1 6 = Advanced Line 2 7 = Advanced Line 3 8 = Advanced Line 4 9 = Maintenance 10 = Integrative, Alternative, Functional Medicine 11 = Hormonal Ablation 9999 = Not Documented
Regimen Start Date	regimen_start_date	Date the regimen started	YYYYMMDD

Regimen End Date	regimen_end_date	Date the regimen ended	YYYYMMDD
Regimen Discontinuation	regimen_discontinuation	Indicates if the record includes evidence of regimen discontinuation	1 = Yes 0 = No 9999 = Not Documented
Regimen Discontinuation Reason	regimen_dc_reason	Reason for discontinuation of the regimen	1 = Patient Preference 2 = MD Preference 3 = Toxicity 4 = Insurance Reasons 5 = Progression 6 = Inadequate Response 7 = Death 8 = Drug dropped from regimen 9 = Therapy Complete 9999 = Not Documented

Symptoms

Table Description

The symptom table contains details regarding breast or breast cancer related complaints reported during visits.

Curation Time Period

Pre-Incidence, Incidence, and Post-Incidence

Provenance

Collected from breast cancer related visits found in the medical record.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Visit Symptom ID	visit_symptom_id	Unique ID per symptom per visit	
Visit ID	visit_id	Unique ID per visit per participant	
Symptom Yes/No	symptom_yn	Indicates if the visit includes breast or breast cancer diagnosis related symptoms	1 = Yes 0 = No
Symptom	symptom	Symptom recorded in the visit	Defined by MedDRA

Start Date	symptom_start_date	Date symptom started	YYYYMMDD
End Date	symptom_end_date	Date symptom ended	YYYYMMDD

Trials

Table Description

This table contains details regarding enrollment in clinical trials related to breast cancer.

Curation Time Period

Incidence and Post-Incidence

Provenance

Collected from breast cancer related trials found in the medical record.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Clinical Trial ID	trial_id	Unique ID per trial per participant	
Clinical Trial	clinical_trial_yn	Indicates if the record includes evidence of clinical trial participation	1 = Yes 0 = No
Code	trial_code	National Clinical Trial (NCT) number	
Phase	trial_phase	Clinical trial phase	1 = 1 2 = 2 3 = 3 4 = 4 0 = Observational 9999 = Not Documented
Enrollment Date	trial_enroll_date	Date participant entered trial	YYYYMMDD
Completion Date	trial_complete_date	Date participant completed trial	YYYYMMDD
Clinical Trial Outcome	clinical_trial_outcome	Outcome of clinical trial enrollment	1 = Complete 2 = Withdrawal 9999 = Not Documented

Tumor Response

Table Description

This table contains details regarding tumor response, or the change in disease burden over the course of a given treatment. Medical records are reviewed chronologically after initiation of treatment for

indications of tumor response assessment. Tumor response is captured from descriptions that are direct (e.g., "there has been a positive interval response to treatment") or indirect (e.g., "Adenopathy is stable").

Curation Time Period

Incidence and Post-Incidence

Provenance

Collected from oncology provider progress note (limiting to the following providers MD, DO, PA, or NP), pathology report, and/or imaging report

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Tumor Response ID	tumor_response_id	Unique ID per tumor response per participant	
Tumor Response Yes/No	tumor_response_yn	Indicates if the record includes evidence of tumor response	1 = Yes 0 = No
Response Date	response_date	Date the response was determined	YYYYMMDD
Response Result ⁴	response_result	Assessment of change in burden of disease	1 = Complete Response 2 = Partial Response 3 = Stable Disease 4 = Progressive Disease 5 = Pseudoprogression 6 = Indeterminate Response 9999 = Not Documented
Biopsy Source	response_result_biopsy	Indicates that the tumor response was identified by biopsy	1 = Yes 0 = No 9999 = Not Documented

⁴ Tumor Response is defined as followed:

1. Complete Response (CR): Complete resolution of all visible disease.
2. Partial Response (PR): Partial reduction in size of visible disease in some or all areas without any areas of increase in visible disease. PR captures a decrease in disease volume even though disease is still present.
3. Stable Disease (SD): No change in overall size of visible disease. 'SD' is also used for mixed response (some lesions increased; some lesions decreased).
4. Progressive Disease (PD): Increase in visible disease and/or presence of any new lesions.
5. Pseudo-progression (PSD): Increase in tumor size, which the clinician states as possibly being an effect of immunotherapy.
6. Indeterminate response (IDR): Situations when clinician is not able to make a determination of the assessment.

Imaging Source	response_source_imaging	Indicates that the tumor response was identified by imaging	1 = Yes 0 = No 9999 = Not Documented
Provider Source	response_source_provider	Indicates that the tumor response was identified in a clinician's note	1 = Yes 0 = No 9999 = Not Documented

Visit

Table Description

This table contains details regarding healthcare visits related to breast or breast cancer related care.

Curation Time Period

Pre-Incidence, Incidence and Post-Incidence

Provenance

Collected from any breast cancer related visit in the medical record.

Definition Table

Field Name	Variable Name	Definition	Coding Scheme
Patient ID	patient_id	Unique ID per participant	
Visit ID	visit_id	Unique ID per visit per participant	
Visit Yes/No	visit_yn	Indicates if the record includes a healthcare visit	1 = Yes 0 = No
Facility Name	facility_name	Name of the facility	Free text
Visit Type	visit_type	Type of visit	1 = Ambulance Visit 2 = Case Management Visit 3 = Emergency Room and Inpatient Visit 4 = Emergency Room Visit 5 = Home Visit 6 = Inpatient Visit 7 = Inpatient Hospice 8 = Laboratory Visit 9 = Non-hospital institution Visit 10 = Outpatient Visit 11 = Telemedicine 12 = Urgent Care 13 = Surveillance Visit 9999 = Not Documented
Specialty Department	specialty_dept	Specialty department of the visit	1 = Allergy & Immunology 2 = Anesthesiology

3 = Cardiology
 4 = Dermatology
 5 = Endocrinology
 6 = Emergency
 Medicine
 7 = Family Medicine
 8 = General Surgery
 9 = Infectious Disease
 10 = Internal Medicine
 11 = Obstetrics &
 Gynecology
 12 =
 Oncology/Hematology
 13 = Pain
 Management
 14 = Palliative Care
 15 = Pathology
 16 = Physical
 medicine and
 rehabilitation
 17 = Primary Care
 18 = Psychiatry
 19 = Pulmonary
 20 = Radiology
 21 = Radiation
 Oncology
 22 = Surgical
 Oncology
 23 = Urgent Care
 24 = Plastic Surgery
 25 = Integrative
 Medicine
 26 = Gynecologic
 Oncology
 27 = Fertility
 28 = Genetics
 29 = Social Work
 30 = Nutrition
 31 = GI/Hepatology
 32 = Breast Center
 33 = Neurology
 34 = Interventional
 Radiology
 35 = Orthopedics
 9999 = Not
 Documented

Presented Date	presented_date	Date participant presented to healthcare facility	YYYYMMDD
Discharge Date	leave_date	Date participant left healthcare facility	YYYYMMDD
Reason for Visit	visit_reason	Reason for visit or chief complaint	Free text

Questionnaire Data

Questionnaire data is collected from four surveys provided to participants in the ShareForCures platform. The surveys provided include: About You Questionnaire, Family Health History Questionnaire, Quality of Life Questionnaire, and Social Determinants of Health Questionnaire. All questionnaire data is self-reported by participants.

About You Questionnaire - Participant Profile

Table Description

The About You Questionnaire collects demographic information about participants and their breast cancer diagnosis.

Description Table

Field Name	Variable Name	Definition	Coding Scheme
Participant Profile More About You Table			
Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Gender	gender	What is your gender identity?	1 = Woman/Female 2 = Man/Male 3 = Transgender 4 = Genderqueer or Gender non-conforming 5 = Nonbinary 6 = Two-Spirit 1111 = Other 0000 = Prefer not to answer
Gender Other	gender_custom_response	Self-reported gender of participant not included in the predefined list	Free text
Sex	sex_assigned_at_birth	What sex were you assigned at birth	1 = Female 2 = Male 3 = Intersex 0000 = Prefer not to answer
Sexual Orientation	sexual_orientation	What is your sexual orientation?	1 = Lesbian 2 = Gay 3 = Bisexual 4 = Asexual spectrum 5 = Straight 6 = Pansexual 7 = Queer 1111 = Other 0000 = Prefer not to answer

Sexual Orientation Other	sexual_orientation_custom_response	Self-reported sexual orientation of participant if not included in the predefined list	Free text
Ethnicity	ethnicity	With which racial and ethnic group(s) do you identify?	1 = Asian or Asian 2 = Black, African American, or African 3 = Hispanic, Latino or Latina 4 = Indigenous American, Native American, or Alaska Native 5 = Middle Eastern or North African 6 = Native Hawaiian or Pacific Islander 7 = White 1111 = Other 0000 = Prefer not to answer
Ethnicity Other	ethnicity_custom_response	Self-reported ethnicity of participant if not included in the predefined list	Free text
Birth Country	country_of_birth	Where were you born (country)?	Free text
Birth State	state_of_birth	Where were you born (state)?	Free text
Years of Education Completed	years_of_education_completed	What is the highest level of school that you completed?	1 = 0-8 years 2 = 9-12 years, but not a high school graduate 3 = High school graduate (or GED) 4 = Technical or business school 5 = Some college 6 = College graduate 7 = Post-graduate or professional degree 9999 = Not applicable

Participant Profile Information Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Cancer Type	cancer_type	What type of breast cancer were you first diagnosed with?	1 = Ductal carcinoma in situ 2 = Invasive Ductal Carcinoma 3 = Invasive Lobular Carcinoma

			4 = Inflammatory Breast Cancer 5 = Metaplastic Breast Cancer 1111 = Other 8888 = I don't know
Cancer Type Other	cancer_type_other	Specifies participant's diagnosed cancer type if not included in the predefined list	Free text
Cancer Subtype	cancer_subtype	What subtype of breast cancer were you first diagnosed with?	1 = Triple Negative (ER-/PR-/HER2-) 2 = Triple Positive (ER+/PR+/HER2+) 3 = Estrogen Receptor Positive (ER+/HER2-) 4 = HER2 Positive (ER-/HER2+) 1111 = Other 8888 = I don't know 9999 = Unknown
Cancer Subtype Other	cancer_subtype_other	Specifies participant's diagnosed cancer subtype if not included in the predefined list	Free text
Cancer Stage	cancer_stage	What stage of breast cancer were you first diagnosed with?	1 = Stage 0 2 = Stage I 3 = Stage II 4 = Stage III 5 = Stage IV or metastatic breast cancer 8888 = I don't know 9999 = Undesignated
Cancer Recurrence	cancer_recurrence	Were you ever told that your breast cancer recurred, usually after a period of time during which the cancer could not be detected?	1 = Yes 2 = No 8888 = I don't know
Cancer Recurrence Year	cancer_recurrence_year	What year were you told that your breast cancer returned?	Free text
Living with Metastatic Breast Cancer YN	living_with_mbc	Are you currently living with metastatic breast cancer?	1 = Yes 2 = No 8888 = I don't know
Living with Metastatic Breast Cancer Year	living_with_mbc_year	What year were you diagnosed with metastatic breast cancer?	Free text

Participant Profile Provider Information Table

Patient ID	patient_id	Unique ID per participant
Task ID	task_id	Unique ID per participant per recorded task
Task Version	task_version	Version number of the task or form used for data collection
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance

Breast Cancer Care State	breast_cancer_care_state	At what hospital, medical facility or clinic did or do you receive your breast cancer care (state)?	Free Text
Currently on Treatment Yes/No	breast_cancer_care_currently_on_treatment	Indicates whether participants are currently undergoing treatment for breast cancer	1 = Yes 2 = No
Treatment Start Date	breast_cancer_care_start_date	Date participant started their breast cancer treatment	Free text
Treatment End Date	breast_cancer_care_end_date	Date participant finished their breast cancer treatment	Free text
Genetic Test Yes/No	has_genetic_test	Have you had genetic testing done through a physician or provider before?	1 = Yes 2 = No 8888 = I don't know
Genetic Test Type	genetic_test	Specifies the type of genetic test the participant has taken	1 = Agendia 2 = Caris Life Sciences 3 = Color Genomics 4 = Foundation Medicine 5 = Genomic Health/Exact Sciences 6 = Tempus 1111 = Other 8888 = I don't know
Genetic Test Type Other	genetic_test_other	Specifies another type of genetic test the participant has taken not included in the predefined list	Free text

Family Health History

Table Description

The Family Health History: Cancer Questionnaire captures information about participants' families and family history of cancer.

Description Table

Field Name	Variable Name	Definition	Coding Scheme
Family History You Table			
Patient ID			
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Genetic Counseling Yes/No	received_genetic_counseling	Have you ever received genetic counseling through a health care provider?	1 = Yes, before diagnosis 2 = Yes, after diagnosis 3 = No

			4 = I do not know or remember
Genetic Test Available Yes/No	has_genetic_test	Have you ever had a genetic test performed through a health care provider?	1 = Yes, before diagnosis 2 = Yes, after diagnosis 3 = No 4 = I do not know or remember
Mutation	genetic_test_indicates_mutation	Did the results of your genetic test indicate that you carry a mutation in any of the following genes?	1 = No, they did not indicate a mutation 2 = ATM 3 = BARD1 4 = BRCA1 5 = BRCA2 6 = BRIP1 7 = CDH1 8 = CDKN2A 9 = CHEK2 10 = EPCAM 11 = MLH1 12 = MSH2 13 = MSH6 14 = NBN 15 = NF1 16 = PALB2 17 = PMS2 18 = PTEN 19 = RAD51C 20 = RAD51D 21 = STK11 22 = TP53 1111 = Other 8888 = I don't know or I don't remember
Ashkenazi Family History Yes/No	family_has_ashkenazi_ancestry	Does either side of your family have Ashkenazi (European) Jewish ancestry?	1 = Yes, maternal side 2 = Yes, paternal side 3 = No 4 = I do not know or remember
Adopted Yes/No	is_adopted	Were you adopted?	1 = Yes 0 = No
Family Members with Reported History	family_members_with_history_answers	Captures biological family members with a reported history of cancer	1 = Biological mother 2 = Biological Father 3 = Biological siblings

Family History Biological Mother Table

Patient ID	patient_id	Unique ID per participant
Task ID	task_id	Unique ID per participant per recorded task
Task Version	task_version	Version number of the task or form used for data collection

Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Adoption Yes/No	was_mother_adopted	Was your mother adopted?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Twin or Triplet Yes/No	was_mother_twin_triplet	Was your mother born a twin, triplet, etc.?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Ethnicity	mother_ethnicity	With which racial and ethnic groups does your mother identify?	1 = Asian or Asian American, or African 2 = Black, African American, or Hispanic, Latino or Latina 3 = Indigenous American, Native American, or Alaska Native 5 = Middle Eastern or North African 6 = Native Hawaiian or Pacific Islander 7 = White 1111 = Other 0000 = Prefer not to answer
Ethnicity Other	mother_ethnicity_not_listed	Self-reported ethnicity of participant if not included in the predefined list	Free text
Age	mother_age	How old is your mother?	1 = My mother has died 2 = Younger than 40 years 3 = 40-49 years 4 = 50-59 years 5 = 60 years or older 8888 = I don't know or I don't remember
Age of Death	mother_death_age	Age at which the biological mother passed away, if deceased	Free text
Cancer Diagnosis Yes/No	mother_diagnosed_cancer	Was your mother ever diagnosed with cancer?	1 = Yes 0 = No 8888 = I don't know or I don't remember
First Cancer Type	mother_first_cancer_type	What type of cancer was your mother diagnosed with first?	1 = Bone cancer (osteosarcoma) 2 = Bladder cancer 3 = Blood cancer (leukemias, lymphomas or multiple myeloma) 4 = Brain cancer (glioma or glioblastoma)

			5 = Breast cancer 6 = Cancers of the cervix, uterus, vagina or vulva 7 = Colon, colorectal or rectal cancer 8 = Endocrine cancers (cancers of the thyroid, parathyroid, pituitary gland or adrenal gland) 9 = Head and neck cancers (cancers of the mouth, sinuses, nose or throat) 10 = Kidney cancer 11 = Liver cancer 12 = Lung cancer 13 = Melanoma 14 = Ovarian cancer 15 = Pancreatic cancer 16 = Sarcoma 17 = Stomach cancer 1111 = Other (please specify): 8888 = I don't know or I don't remember
First Cancer Type Other	mother_first_cancer_type_not_listed	Specifies the first cancer type if not included in the predefined list	Free text
Age at First Diagnosis	mother_age_first_cancer_diagnoses	How old was your mother at their first cancer diagnosis?	1 = Younger than 20 years 2 = 20-29 years 3 = 30-39 years 4 = 40-49 years 5 = 50-59 years 6 = 60 years or older 8888 = I don't know or I don't remember
Second Cancer Diagnosis Yes/No	mother_diagnosed_second_cancer	Was your mother ever diagnosed with a second or additional cancer?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Second Cancer Type	mother_second_cancer_type	What additional type of cancer was your mother diagnosed with?	1 = Bone cancer (osteosarcoma) 2 = Bladder cancer 3 = Blood cancer (leukemias, lymphomas or multiple myeloma)

4 = Brain cancer (glioma or glioblastoma)

5 = Breast cancer

6 = Cancers of the cervix, uterus, vagina or vulva

7 = Colon, colorectal or rectal cancer

8 = Endocrine cancers (cancers of the thyroid, parathyroid, pituitary gland or adrenal gland)

9 = Head and neck cancers (cancers of the mouth, sinuses, nose or throat)

10 = Kidney cancer

11 = Liver cancer

12 = Lung cancer

13 = Melanoma

14 = Ovarian cancer

15 = Pancreatic cancer

16 = Sarcoma

17 = Stomach cancer

1111 = Other (please specify):

8888 = I don't know or I don't remember

Second Cancer Type Other	mother_second_cancer_type_not_listed	How old was your mother at their additional cancer diagnosis?	Free text
Age at Second Diagnosis	mother_age_second_cancer_diagnosis	How old was your mother at their additional cancer diagnosis?	<p>1 = Younger than 20 years</p> <p>2 = 20-29 years</p> <p>3 = 30-39 years</p> <p>4 = 40-49 years</p> <p>5 = 50-59 years</p> <p>6 = 60 years or older</p> <p>8888 = I don't know or I don't remember</p>

Family History Biological Father Table

Patient ID	patient_id	Unique ID per participant
Task ID	task_id	Unique ID per participant per recorded task
Task Version	task_version	Version number of the task or form used for data collection
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance

Adoption Yes/No	was_father_adopted	Was your father adopted?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Twin or Triplet Yes/No	was_father_twin_triplet	Was your father born a twin, triplet, etc.?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Ethnicity	father_ethnicity	With which racial and ethnic groups does your father identify?	1 = Asian or Asian American, or African 2 = Black, African American, or Hispanic, Latino or Latina 3 = Indigenous American, Native American, or Alaska Native 5 = Middle Eastern or North African 6 = Native Hawaiian or Pacific Islander 7 = White 1111 = Other 0000 = Prefer not to answer
Ethnicity Other	father_ethnicity_not_listed	Self-reported ethnicity of participant if not included in the predefined list	Free text
Age	father_age	How old is your father?	1 = My father has died 2 = Younger than 40 years 3 = 40-49 years 4 = 50-59 years 5 = 60 years or older 8888 = I don't know or I don't remember
Age of Death	father_death_age	Age at which the biological father passed away, if deceased	Free text
Cancer Diagnosis Yes/No	father_diagnosed_cancer	Was your father ever diagnosed with cancer?	1 = Yes 0 = No 8888 = I don't know or I don't remember
First Cancer Type	father_first_cancer_type	What type of cancer was your father diagnosed with first?	1 = Bone cancer (osteosarcoma) 2 = Bladder cancer 3 = Blood cancer (leukemias, lymphomas or multiple myeloma)

			4 = Brain cancer (glioma or glioblastoma) 5 = Breast cancer 8 = Colon, colorectal or rectal cancer 9 = Endocrine cancers (cancers of the thyroid, parathyroid, pituitary gland or adrenal gland) 10 = Head and neck cancers (cancers of the mouth, sinuses, nose or throat) 11 = Kidney cancer 12 = Liver cancer 13 = Lung cancer 14 = Melanoma 15 = Ovarian cancer 16 = Pancreatic cancer 17 = Sarcoma 18 = Stomach cancer 1111 = Other (please specify): 8888 = I don't know or I don't remember
First Cancer Type Other	father_first_cancer_type_not_listed	Specifies the first cancer type if not included in the predefined list	Free text
Age at First Diagnosis	father_age_first_cancer_diagnosis	How old was your father at their first cancer diagnosis?	1 = Younger than 20 years 2 = 20-29 years 3 = 30-39 years 4 = 40-49 years 5 = 50-59 years 6 = 60 years or older 8888 = I don't know or I don't remember
Second Cancer Diagnosis Yes/No	father_diagnosed_second_cancer	Was your father ever diagnosed with a second or additional cancer?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Second Cancer Type	father_second_cancer_type	What additional type of cancer was your father diagnosed with?	1 = Bone cancer (osteosarcoma) 2 = Bladder cancer

			3 = Blood cancer (leukemias, lymphomas or multiple myeloma) 4 = Brain cancer (glioma or glioblastoma) 5 = Breast cancer 8 = Colon, colorectal or rectal cancer 9 = Endocrine cancers (cancers of the thyroid, parathyroid, pituitary gland or adrenal gland) 10 = Head and neck cancers (cancers of the mouth, sinuses, nose or throat) 11 = Kidney cancer 12 = Liver cancer 13 = Lung cancer 14 = Melanoma 15 = Ovarian cancer 16 = Pancreatic cancer 17 = Sarcoma 18 = Stomach cancer 1111 = Other (please specify): 8888 = I don't know or I don't remember
Second Cancer Type Other	father_second_cancer_type_not_listed	How old was your father at their additional cancer diagnosis?	Free text
Age at Second Diagnosis	father_age_second_cancer_diagnosis	How old was your father at their additional cancer diagnosis?	1 = Younger than 20 years 2 = 20-29 years 3 = 30-39 years 4 = 40-49 years 5 = 50-59 years 6 = 60 years or older 8888 = I don't know or I don't remember

Family History Biological Siblings Intro

Patient ID	patient_id	Unique ID per participant
Task ID	task_id	Unique ID per participant per recorded task

Task Version	task_version		
Patient Task ID	patient_task_id		
Participant Twin or Triplet Yes/No	is_patient_twin_triplet	Were you born a twin, triplet, etc.?	1 = Yes 0 = No
Number of Siblings	number_of_siblings	How many siblings do you have?	Free text
Number of Siblings with Cancer	number_of_siblings_with_cancer	How many of your siblings had or have cancer?	Free text

Family History Biological Sibling Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Sex	sibling_birth_gender	What sex was your sibling assigned at birth? 1 = Male 2 = Female	
Twin or Triplet Yes/No	was_sibling_twin_triplet	Was your sibling born a twin, triplet, etc.? 1 = Yes 0 = No 8888 = I don't know or I don't remember	
Age	sibling_age	How old is your sibling? 1 = My sibling has died 2 = Younger than 40 years 3 = 40-49 years 4 = 50-59 years 5 = 60 years or older 8888 = I don't know or I don't remember	
Age of Death	sibling_death_age	Age at which the biological sibling passed away, if deceased	Free text
Cancer Diagnosis Yes/No	sibling_diagnosed_cancer	Indicates whether the biological sibling has ever been diagnosed with cancer	1 = Yes 0 = No
First Cancer Type	sibling_first_cancer_type	What type of cancer was your sibling diagnosed with first? 1 = Bone cancer (osteosarcoma) 2 = Bladder cancer 3 = Blood cancer (leukemias, lymphomas or multiple myeloma) 4 = Brain cancer (glioma or glioblastoma) 5 = Breast cancer 6 = Cancers of the cervix, uterus, vagina or vulva 7 = Colon, colorectal or rectal cancer 8 = Endocrine cancers (cancers of the thyroid,	1 = Bone cancer (osteosarcoma) 2 = Bladder cancer 3 = Blood cancer (leukemias, lymphomas or multiple myeloma) 4 = Brain cancer (glioma or glioblastoma) 5 = Breast cancer 6 = Cancers of the cervix, uterus, vagina or vulva 7 = Colon, colorectal or rectal cancer 8 = Endocrine cancers (cancers of the thyroid,

			parathyroid, pituitary gland or adrenal gland) 9 = Head and neck cancers (cancers of the mouth, sinuses, nose or throat) 10 = Kidney cancer 11 = Liver cancer 12 = Lung cancer 13 = Melanoma 14 = Ovarian cancer 15 = Pancreatic cancer 16 = Sarcoma 17 = Stomach cancer 1111 = Other (please specify): 8888 = I don't know or I don't remember
First Cancer Type Other	sibling_first_cancer_type_not_listed	Specifies the first cancer type if not included in the predefined list	Free text
Age at First Diagnosis	sibling_age_first_cancer_diagnosis	How old was your sibling at their first cancer diagnosis?	1 = Younger than 20 years 2 = 20-29 years 3 = 30-39 years 4 = 40-49 years 5 = 50-59 years 6 = 60 years or older 8888 = I don't know or I don't remember
Second Cancer Diagnosis Yes/No	sibling_diagnosed_second_cancer	Was your sibling ever diagnosed with a second or additional cancer?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Second Cancer Type	sibling_second_cancer_type	What additional type of cancer was your sibling diagnosed with?	1 = Bone cancer (osteosarcoma) 2 = Bladder cancer 3 = Blood cancer (leukemias, lymphomas or multiple myeloma) 4 = Brain cancer (glioma or glioblastoma) 5 = Breast cancer 6 = Cancers of the cervix, uterus, vagina or vulva 7 = Colon, colorectal or rectal cancer

8 = Endocrine cancers (cancers of the thyroid, parathyroid, pituitary gland or adrenal gland)
 9 = Head and neck cancers (cancers of the mouth, sinuses, nose or throat)
 10 = Kidney cancer
 11 = Liver cancer
 12 = Lung cancer
 13 = Melanoma
 14 = Ovarian cancer
 15 = Pancreatic cancer
 16 = Sarcoma
 17 = Stomach cancer
 1111 = Other (please specify):
 8888 = I don't know or I don't remember

Second Cancer Type Other	sibling_second_cancer_type_not_listed	Specifies the second cancer type if not included in the predefined list	Free text
Age at Second Diagnosis	sibling_age_second_cancer_diagnosis	How old was your sibling at their additional cancer diagnosis?	1 = Younger than 20 years 2 = 20-29 years 3 = 30-39 years 4 = 40-49 years 5 = 50-59 years 6 = 60 years or older 8888 = I don't know or I don't remember

Family History Other Family Members Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Maternal Grandmother Cancer Diagnosis Yes/No	maternal_grandmother_diagnosed_cancer	Was your maternal grandmother (your mother's mother) ever diagnosed with cancer? .	1 = Yes 0 = No 8888 = I don't know or I don't remember
Maternal Grandmother Cancer Type	maternal_grandmother_cancer_diagnosis	What type of cancer was your maternal grandmother first diagnosed with?	1 = Breast 2 = Ovarian 1111 = Other 8888 = I don't know or I don't remember

Maternal Grandmother Age at First Diagnosis	maternal_grandmother_age_first_diagnosis	How old was your maternal grandmother at her first cancer diagnosis?	1 = Less than 50 years 2 = 50 years or older 8888 = I don't know or I don't remember
Paternal Grandmother Cancer Diagnosis Yes/No	paternal_grandmother_diagnosed_cancer	Was your paternal grandmother (your father's mother) ever diagnosed with cancer?	1 = Yes 0 = No 8888 = I don't know or I don't remember
Paternal Grandmother Cancer Type	paternal_grandmother_cancer_diagnosis	What type of cancer was your paternal grandmother first diagnosed with?	1 = Breast 2 = Ovarian 1111 = Other 8888 = I don't know or I don't remember
Paternal Grandmother Age at First Diagnosis	paternal_grandmother_age_first_diagnosis	How old was your paternal grandmother at her first cancer diagnosis?	1 = Less than 50 years 2 = 50 years or older 8888 = I don't know or I don't remember
Number of Mother's Biological Sisters	mother_number_biological_sisters	How many biological sisters does your mother have?	Free text
Number of Mother's Biological Sisters with Cancer	mother_number_biological_sisters_cancer	How many of your mother's biological sisters had or have cancer?	Free text
Number of Father's Biological Sisters	father_number_biological_sisters	How many biological sisters does your father have?	Free text
Number of Father's Biological Sisters with Cancer	father_number_biological_sisters_cancer	How many of your father's biological sisters had or have cancer?	Free text

Family History Other Family Members Relatives Table

Patient ID	patient_id	Unique ID per participant
Task ID	task_id	Unique ID per participant per recorded task
Task Version	task_version	Version number of the task or form used for data collection
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance
Cancer Diagnosis	cancer_diagnosis	Indicates whether the relative has been diagnosed with cancer
Age at First Diagnosis	age_first_diagnosis	Age of the relative at the time of first cancer diagnosis
Relative	relative	Type of relative (e.g., aunt, uncle, cousin)
Family Side	relative_type	Indicates whether the relative is on the maternal or paternal side of the family
Cancer Type	cancer_diagnosis	Type of cancer diagnosed in the relative
Sex	birth_sex	Indicates whether the relative has been diagnosed with cancer

Quality of Life

Table Description

The Quality of Life Questionnaire collects information about participants' current quality of life and how their breast cancer diagnosis may have affected them in four areas: physical ability, mental health, social connectedness, and spirituality.

Description Table

Field Name	Variable Name	Definition	Coding Scheme
Quality of Life General Table			
Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Current Treatment Yes/No	currently_on_treatment	Are you currently in treatment for breast cancer?	1 = Yes 0 = No
Current QOL Rating	overall_quality_of_life_today	How would you rate your overall quality of life today?	1 = Poor 2 = Fair 3 = Average 4 = Good 5 = Excellent
QOL Rating Comparison	overall_quality_of_life_before	How would you rate your overall quality of life today compared to before your breast cancer diagnosis?	1 = Much Worse 2 = A little worse 3 = About the same 4 = A little better 5 = Much better
Significant Life Events	significant_life_events	In the last six months, did you experience any significant life events?	1 = Yes 0 = No
Quality of Life Physical Ability Table			
Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Current Physical Well-Being Rating	everyday_routine_today	How would you rate your ability to perform "routine" activities without limitations today?	1 = Poor 2 = Fair 3 = Average 4 = Good 5 = Excellent
Physical Well-Being Comparison	everyday_routine_compared_to_before	How would you rate your ability to perform "routine" activities without limitations compared to before your breast cancer diagnosis?	1 = Much Worse 2 = A little worse 3 = About the same 4 = A little better 5 = Much better
Thinking about the last month, to what extent were you bothered by the following?			

Pain	bothering_levels_pain	1 = Not at all
Fatigue	bothering_levels_fatigue	2 = A little
Loss of Appetite	bothering_levels_lack_of_appetite	3 = Somewhat
		4 = Quite a bit
		5 = Very much
Joint aches or stiffness	bothering_levels_joint_aches_or_stiffness	
Breast tenderness or pain	bothering_levels_breast_tenderness_or_pain	
Swelling or pain in hands or arms	bothering_levels_swelling_or_pain_hands_arms	
Shortness of breath	bothering_levels_shortness_of_breath	
Hair loss or thinning	bothering_levels_hair_loss_or_thinning	
Dizziness	bothering_levels_dizziness	
Hot flashes	bothering_levels_hot_flashes	
Lack of quality sleep	bothering_levels_lack_of_quality_sleep	
Hallucinations or nightmares	bothering_levels_hallucinations_or_nightmares	
Pain with sexual intercourse	bothering_levels_pain_with_sexual_intercourse	
Reduced interest in sex	bothering_levels_reduced_interest_in_sex	
Vaginal discharge	bothering_levels_vaginal_discharge	
Nausea	bothering_levels_nausea	
Diarrhea	bothering_levels_diarrhea	
Frequent urinary tract infections	bothering_levels_frequent_urinary_tract_infections	
Unintentional weight gain or loss	bothering_levels_unintentional_weight_gain_or_loss	
Headaches or migraines	bothering_levels_headaches_or_migraines	
Mood swings	bothering_levels_mood_swings	

Thinking about the last month, to what extent did the following interfere with your daily activities?

Pain	interference_daily_activity_pain	1 = Not at all
Fatigue	interference_daily_activity_fatigue	2 = A little
		3 = Somewhat
		4 = Quite a bit
		5 = Very much
Loss of Appetite	interference_daily_activity_lack_of_appetite	
Joint aches or stiffness	interference_daily_activity_joint_aches_or_stiffness	
Breast tenderness or pain	interference_daily_activity_breast_tenderness_or_pain	
Swelling or pain in your hands or arms	interference_daily_activity_swelling_or_pain_hands_arms	

Shortness of breath	interference_daily_activity_shortness_of_breath
Hair loss or thinning	interference_daily_activity_hair_loss_or_thinning
Dizziness	interference_daily_activity_dizziness
Hot flashes	interference_daily_activity_hot_flashes
Lack of quality sleep	interference_daily_activity_lack_of_quality_sleep
Hallucinations or nightmares	interference_daily_activity_hallucinations_or_nightmares
Pain with sexual intercourse	interference_daily_activity_pain_with_sexual_intercourse
Reduced interest in sex	interference_daily_activity_reduced_interest_in_sex
Vaginal discharge	interference_daily_activity_vaginal_discharge
Nausea	interference_daily_activity_nausea
Diarrhea	interference_daily_activity_diarrhea
Frequent urinary tract infections	interference_daily_activity_frequent_urinary_tract_infections
Unintentional weight gain or loss	interference_daily_activity_unintentional_weight_gain_or_loss
Headaches or migraines	interference_daily_activity_headaches_or_migraines
Mood swings	interference_daily_activity_mood_swings

Quality of Life Mental Health Table

Patient ID	patient_id	Unique ID per participant
Task ID	task_id	Unique ID per participant per recorded task
Task Version	task_version	Version number of the task or form used for data collection
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance
Current Mental Well-Being Rating	overall_mental_emotional_wellbeing_today	How would you rate your overall mental and/or emotional well-being today? 1 = Poor 2 = Fair 3 = Average 4 = Good 5 = Excellent
Mental Well-Being Comparison	overall_mental_wellbeing_compared_to_pre_diagnoses	How would you rate your overall mental and/or emotional well-being today compared to before your breast cancer diagnosis? 1 = Much Worse 2 = A little worse 3 = About the same 4 = A little better 5 = Much better

Thinking about the last month, how often did the following statements apply to you?

Feel in Control	feeling_in_control	1 = Never
Feel Depressed	feeling_depressed	2 = Seldom
Feel Happy	feeling_happy	3 = Sometimes
Feel Hopeful	feeling_hopeful	4 = Often
Feel Anxious	feeling_anxious	5 = Always

Feel Sad	feeling_sad		
Feel Stress or Overwhelm	stressed_or_overwhelmed		
Feel Useful	feeling_useful		
Trouble Communicating Feelings	trouble.communicating.feelings.to.others		
Mood Swings	trouble.with.mood.swings		
Trouble Coping with Cancer	trouble.coping.with.my.cancer		
Trouble Remembering Things	trouble.remembering.things		
Trouble Concentrating	trouble.concentrating		
Thinking about the last month, to what extent did you worry about the following?			
Future Worries	future.holds	1 = Not at all	
Stress on Cancer Worries	stress.on.breast.cancer	2 = A little	
Diagnostic Testing Worries	future.diagnostic.scans.tests	3 = Somewhat	
Metastasis Worries	cancer.metastasis	4 = Quite a bit	
Family Cancer Worries	family.members.getting.cancer	5 = Very much	
Mortality Worries	worries.death		
Thinking about the last month, how often did you feel the following?			
Feel Self-Conscious	self.conscious.appearance	1 = Never	
Feel Unattractive	unattractive	2 = Seldom	
Feel Sexually Attractive	sexually.attractive	3 = Sometimes	
		4 = Often	
		5 = Always	
Quality of Life Social Connectedness Table			
Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Current Social Connectedness Rating	connected.to.others	How would you rate your overall feeling of being connected to others today?	1 = Poor 2 = Fair 3 = Average 4 = Good 5 = Excellent
Social Connectedness Comparison	connected.now.to.before.diagnosis	How would you rate your overall feeling of being connected to others today compared to before your breast cancer diagnosis?	1 = Much Worse 2 = A little worse 3 = About the same 4 = A little better 5 = Much better
Live Alone Yes/No	living.alone	Do you currently live alone?	1 = Yes 0 = No

Number of People in Household	number_people_living_in_household	How many people live in your household (excluding yourself)?	Free text
Caregivers	caregivers	Who is your primary caregiver/support person?	Multi-select 1 = Myself 2 = Spouse or partner 3 = Parent 4 = Child 5 = Sibling 6 = Other family member 7 = Friend 8 = Other support person

Thinking about the last month, how often did these statements apply to you?		
Feel Isolated	feeling_isolated	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Avoid Social Gatherings	avoiding_social_gatherings	
Feel close with friends	feeling_close_to_friends	
Feel close with primary support	feeling_close_to_primary_support_person	
Receive needed support	received_needed_support	
Trouble meeting family needs	trouble_meeting_family_needs	
Lack interest in sex	lacking_interest_in_sex	
Able to work	able_to_work	
Reluctant to new relationships	reluctant_to_start_relationships	

Quality of Life Spirituality Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Spiritual Yes/No	religious_or_spiritual	Do you consider yourself a religious or spiritual person?	1 = Yes 0 = No
Spiritual Activity Importance	importance_of_spiritual_activities	How important to you is your participation in religious or spiritual activities?	1 = Not at all 2 = A little 3 = Somewhat 4 = Quite a bit 5 = Very much
Spirituality Comparison	spirituality_changes_because_cancer_or_treatment	To what extent has your spirituality or religion changed because of your breast cancer or its treatment?	
Spirituality Helped Acceptance	spirituality_helping_accept_cancer_or_treatment	To what extent has your spirituality or religion helped you accept your breast cancer or its treatment?	
Sense of Purpose	last_month_sense_of_purpose	In the last month, to what extent did you feel a sense of purpose/mission for your life?	

Social Determinants of Health

Table Description

The Social Determinants of Health Questionnaire collects information about the conditions present in participants' lives that may impact their overall health and sense of well-being. Social determinants of health are grouped into five domains: economic stability, education access and quality, health care access and quality, neighborhood and built environment and social and community context.

Description Table

Field Name	Variable Name	Definition	Coding Scheme
Economic Stability Table			
Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
How often has your/your family's financial situation impacted or limited access to any of the following within the last year?			
Food Impact	food_impact		1 = Never
Clothing Impact	clothing_impact		2 = Seldom
Childcare Impact	childcare_impact		3 = Sometimes
Impact			4 = Often
Housing Impact	housing_impact		5 = Always
Internet Impact	internet_impact		0000 = Prefer not to answer
Phone Impact	phone_impact		9999 = Not applicable
Transportation Impact	transportation_impact		
Utilities Impact	utilities_impact		
Medication Impact	medications_or_prescriptions_impact		
Health Care Impact	health_care_impact		
Financial Situations	experienced_financial_situations	Captures any financial situation that the participant may have experienced during or since their breast cancer diagnosis	1 = Reduced personal/family income or assets 2 = Trouble paying out-of-pocket expenses 3 = Trouble paying for medications or prescriptions 4 = Trouble paying medical bills 5 = Bankruptcy
Impact of Financial Stress	extent_of_impact_to_financial_stress	To what extent did your breast cancer diagnosis or treatment impact your financial stress?	1 = Not at all 2 = A little bit 3 = Somewhat 4 = Quite a bit 5 = Very much

Financial Assistance	applied_for_financial_assistance	At any time during or since your breast cancer diagnosis, did you apply for any financial assistance?	1 = I was not aware of any financial assistance 2 = I was aware of financial assistance but I did not apply 3 = I applied for and received financial assistance 4 = I applied for but did not receive financial assistance
Financial Assistance Response	reason_financial_assistance_not_received	Captures additional information about why participant did not receive the financial assistance they requested	Free text
Missed Doctor Appointments Yes/No	missed_scheduled_doctor_appointments	At any time during or since your breast cancer diagnosis, did you miss any scheduled doctor appointments or treatment due to your financial situation?	1 = Yes 0 = No
Missed Medication Yes/No	missed_medications_or_prescriptions	At any time during or since your breast cancer diagnosis, did you miss any medications or prescriptions due to your financial situation?	1 = Yes 0 = No
Currently Working Yes/No	working_paid_position	Are you currently working in a paid position?	1 = Yes 0 = No
Type of Employment	type_of_employment	Indicates participant's type of employment	1 = Full-time 2 = Part-time 3 = Self-employed 4 = Primary wage-earner for my household 5 = Secondary wage-earner for my household 1111 = Other
Annual Household Income	annual_household_income_before_taxes	What is your annual household income before taxes?	1 = Less than \$25,000 2 = \$25,000 - \$34,999 3 = \$35,000 - \$49,999 4 = \$50,000 - \$74,999 5 = \$75,000 - \$99,999 6 = \$100,000 - \$149,999 7 = \$150,000 or more
Lost or Left Job Yes/No	lost_or_left_job	At any time during or since your breast cancer diagnosis, have you lost your job or left a job due to your breast cancer?	1 = Yes 0 = No
Reason for Job Loss	reason_for_leaving_or_losing_job	Captures reason participant lost or left their job since their breast cancer diagnosis	1 = Disability 2 = Took a leave of absence 3 = Retired early 4 = Laid off or fired 5 = Stopped working because my job was

too physically demanding
6 = Stopped working because my job was too mentally demanding
1111 = Other

Education Access and Quality Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Highest Level of School Completed	highest_level_of_school_completed	What is the highest level of school that you have completed?	1 = 0-8 years 2 = 9-12 years, but not a high school graduate 3 = High school graduate (or GED) 4 = Technical or business school 5 = Some college 6 = College graduate 7 = Post-graduate or professional degree 9999 = Does not apply
Unable to Finish School Yes/No	unable_to_finish_school_training	At any time during or since your breast cancer diagnosis, were you delayed or unable to finish school or training because of your breast cancer?	1 = Yes 0 = No 9999 = Does not apply
Need Help Understanding Cancer Yes/No	needed_help_understanding_diagnosis_or_treatment	At any time during or since your breast cancer diagnosis, did you need help understanding your breast cancer diagnosis or treatment?	1 = Yes 0 = No
Receive Help Understanding Cancer Yes/No	received_help_understanding_diagnosis_or_treatment	If Yes, did you receive the help you needed to understand your breast cancer diagnosis or treatment?	1 = Yes 0 = No
Receive Help Understanding Cancer	freq_help_received_understanding_diagnosis_or_treatment	If Yes, how often did you receive help understanding your breast cancer diagnosis and treatment when needed?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Cancer Education Source	who_helped_understand_diagnosis_or_treatment	Where did you get help understanding your breast cancer diagnosis and treatment when needed?	1 = Health care provider 2 = Social worker 3 = Counselor 4 = Patient or nurse navigator 5 = Patient advocacy organization 6 = Community outreach program

Education Helpfulness	help_gained REGARDING diagnosis or treatment	How helpful was the understanding you gained about your breast cancer diagnosis and treatment?	1 = Not at all 2 = A little bit 3 = Somewhat 4 = Quite a bit 5 = Very much
-----------------------	--	--	--

Health Care Access and Quality Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Access to Medical Care	past_12_months_access_to_medical_care	Within the past 12 months, how often were you able to access medical care when needed?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Avoided Medical Care	past_12_months_avoided_medical_care	Within the past 12 months, how often did you avoid getting medical care for any reason?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Delays in Medical Care	past_12_months_experienced_delays_in_medical_care	Within the past 12 months, how often did you experience a delay in medical care for any reason?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Comfort with Discussing Medical Care	past_12_months_discussed_with_health_care_team	Within the past 12 months, how often were you comfortable discussing your medical care with your health care team?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Access to Professional Help Yes/No	help_from_counselor_nurse_patient_navigator	At any time during or since your breast cancer diagnosis, did you have access to or get help from a counselor, social worker, patient navigator or nurse navigator?	1 = Yes 0 = No
Access to Professional Help	freq_of_help_from_counselor_nurse_patient_navigator	During or since your breast cancer diagnosis, how often did you have access to or get help from a counselor, social worker, patient navigator or nurse navigator when needed?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Clinical Trial Participation Yes/No	took_part_in_clinical_trials	At any time during or since your breast cancer diagnosis, did you take part in any available clinical trials?	1 = Yes 0 = No
Reason for Not Participating	did_not_participate_in_clinical_trials_reason	Reason why participant did not participate in any available clinical trials	1 = I chose not to take part in a clinical trial

			2 = I was not aware of any clinical trials available to me 3 = I was not eligible for any clinical trials 1111 = Other
Insurance Type	type_of_insurance_during_breast_cancer_diagnosis	At the time of your breast cancer diagnosis, what type of health insurance did you have?	1 = None (uninsured) 2 = Private health insurance purchased on your own or by your spouse or partner 3 = Private health insurance from your employer or workplace or that of your spouse or partner 4 = Medicaid 5 = Medicare 6 = Charity care (health care provided at free or low cost) 7 = VA Program 8 = Medigap or Medicare supplement 9 = Any other insurance that covers part of your medical bills 0000 = Prefer not to answer
Time without Health Insurance Yes/No	time_with_no_health_insurance	At any time during or since your breast cancer diagnosis, has there been a time when you did not have health insurance?	1 = Yes 0 = No 8888 = Prefer not to answer
Total Time without Health Insurance	total_amount_of_time_with_no_health_insurance	What was the total amount of time you did not have health insurance or were limited in coverage during or since your breast cancer diagnosis?	1 = Less than 3 months 2 = More than 3 months but less than 1 year 3 = More than 1 year but less than 2 years 4 = More than 2 years 8888 = I don't know or I don't remember
Worked to Maintain Insurance Yes/No	worked_to_keep_health_insurance	At any time during or since your breast cancer diagnosis, did you have to get a job or continue working to keep health insurance?	1 = Yes 0 = No
Neighborhood and Built Environment Table			
Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	

Task Version	task_version	Version number of the task or form used for data collection
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance
General Living Area	description_of_general_area_living_to_day	Describes the general area where participant lives currently 1 = Large city 2 = Suburb near a large city 3 = Small city or town 4 = Rural area 1111 = Other
In your neighborhood today, do you have access to the following?		
Child or Dependent Care	childcare_dependent_care	1 = Yes 0 = No
Community or Recreation Center	community_recreation_center	8888 = I don't know or I don't remember
Entertainment	entertainment	
Hospital	hospital	
Primary Physician's Office	primary_physicians_office	
Parks or Green Spaces	parks_or_green_spaces	
Pharmacy	pharmacy_or_drug_store	
Public Transportation	public_transportation	
Cancer Screenings	place_for_cancer_screenings	
Cancer Care	place_for_receiving_cancer_care	
Rehabilitation or Physical Therapy	place_for_rehabilitation_or_physical_therapy	
Cancer Testing	place_for_scans_or_other_testing_during_cancer_treatment	
Urgent Care	urgent_care	
Fresh Produce	shops_markets_stores	
Living Situation	living_situation	What is your living situation today? 1 = I have a steady place to live 2 = I have a place to live today, but I am worried about losing it in the future 3 = I do not have a steady place to live, or I have a temporary living situation 0000 = Prefer not to answer
Living Place Concerns	concerns_about_living_place	Think about the place you live today, do you have concerns related to any of the following? 1 = Drinking water 2 = Lead paint or pipes 3 = Lack of heat or A/C 4 = Mold 5 = Oven or stove not working 6 = Pests, such as bugs, ants or mice

			7 = Running water 8 = Sanitation 9 = Smoke detectors missing or not working 10 = Water leaks 1111 = Other 9999 = None of the above
Housing Relocation	times_moved_from_one_home_to_another_past_12_months	Within the past 12 months, how many times have you moved from one home to another?	0 = 0 times 1 = 1 times 2 = 2 times 3 = 3 times 4 = 4 times 5 = 5 or more times
Mode of Transportation	transportation_used_for_medical_appointments	What mode of transportation do you use to get to most of your medical appointments?	1 = Drove yourself 2 = Driven by a friend or family member 3 = Public transportation 4 = Taxi or ride-share 5 = Medical transportation program (such as transportation through Medicaid or other insurance companies, etc.) 1111 = Other

Social and Community Context Table

Patient ID	patient_id	Unique ID per participant	
Task ID	task_id	Unique ID per participant per recorded task	
Task Version	task_version	Version number of the task or form used for data collection	
Patient Task ID	patient_task_id	Unique ID linking the patient to the specific task instance	
Support System Impact on Decisions	impact_of_support_system_on_decisions	At any time during or since your breast cancer diagnosis, how often has the availability of your support system impacted your decisions regarding your cancer care and treatment?	1 = I did not need help 2 = Never 3 = Seldom 4 = Sometimes 5 = Often 6 = Always
Help with Daily Activities	help_received_with_daily_activities_past_12_months	Within the past 12 months, how often did you get the help you needed with day-to-day activities, such as bathing, preparing meals, shopping, managing finances, etc.?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Discuss Cancer with Others	discussing_breast_cancer_with_others	How often do you feel free to discuss your breast cancer with others?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Support Group Participation Yes/No	participated_in_cancer_support_groups	At any time during or since your breast cancer diagnosis, did you participate in a cancer	1 = Yes 0 = No

		support group in any context (online, in-person, etc.)?	
Feel Isolated from Others	felt_lonely_or_isolated_past_12_months	Within the past 12 months, how often have you felt lonely or isolated from those around you?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Worry of Harm	worried_about_self_or_family_past_12_months	Within the past 12 months, how often were you worried that someone may hurt you or your family?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Feel Discrimination Yes/No	felt_discriminated_against_in_daily_life	Within the past 12 months, have you felt discriminated against in your day-to-day life for any reason?	1 = Yes 0 = No
Discrimination Frequency	frequency_felt_discriminated_against_in_daily_life	If Yes, how often have you felt discriminated against in your day-to-day life for any reason within the past 12 months?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Area of Discrimination	area_of_experienced_discrimination_past_12_months	In what areas have you experienced discrimination within the past 12 months?	1 = Race 2 = Gender 3 = Sexual orientation 4 = Marital status 5 = Disability 6 = Age 7 = Status as a parent 8 = Religion 9 = National origin 10 = Pregnancy 1111 = Other
Inferior Service Yes/No	received_inferior_service	Within the past 12 months, have you felt you received inferior service than others from a health care provider?	1 = Yes 0 = No
Inferior Service	frequency_received_inferior_service	If Yes, how often have you felt you received inferior service than others from a health care provider within the past 12 months?	1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always
Area of Inferior Service	area_of_experienced_inferior_service	In what areas have you experienced inferior service within the past 12 months?	1 = Race 2 = Gender 3 = Sexual orientation 4 = Marital status 5 = Disability 6 = Age 7 = Status as a parent 8 = Religion 9 = National origin 10 = Pregnancy 1111 = Other

Learn More



Take a Deep Dive into ShareForCures

Join our ShareForCures info sessions to learn more about how easily sharing your health data can contribute in groundbreaking research advancements. In as little as 30 minutes, from the comfort of your home, you can become a part of the movement that is propelling and diversifying research to find breast cancer cures, faster!

SHAREFORCURES FAQs

Appendix

Biomarker Genes Coding Scheme

Code	Biomarker Gene
1	ATM
2	AKT1
3	BARD1
4	BRCA1
5	BRCA2
6	BRIP1
7	CDH1
8	CDK4
9	CDK12
10	CDKN2A
11	CHEK2
12	ERBB2
13	ESR1
14	EPCAM
15	FANCF
16	FANCG
17	FGFR2
18	MAP2K4
19	MLH1
20	MSH2
21	MSH6
22	NF1
23	NTRK
24	PALB2
25	PIK3CA
26	PMS2
27	PTEN
28	RAD51C
29	RAD54L
30	STAG2
31	STK11
32	TP53
33	Other

ICD-O-3 Histology Coding Scheme

Code	Histology
1	Acinar cell carcinoma - 8550
2	Acinar cell cystadenocarcinoma - 8551

3	Adenocarcinoma in situ - 8140
4	Adenocarcinoma in situ in villous adenoma - 8261
5	Adenocarcinoma in villous adenoma - 8261
6	Adenocarcinoma w cartilag. & oss. metaplas. - 8571
7	Adenocarcinoma with apocrine metaplasia - 8573
8	Adenocarcinoma with mixed subtypes - 8255
9	Adenocarcinoma with neuroendocrine differen. - 8574
10	Adenocarcinoma with spindle cell metaplasia - 8572
11	Adenocarcinoma with squamous metaplasia - 8570
12	Adenocarcinoma, NOS - 8140
13	Adenoid cystic carcinoma - 8200
14	Adenomyoepithelioma with carcinoma - 8983
15	Adenosquamous carcinoma - 8560
16	ALK positive large B-cell lymphoma - 9737
17	Alveolar adenocarcinoma - 8251
18	Alveolar soft part sarcoma - 9581
19	Anaplastic large cell lymphoma, ALK negative - 9715
20	Anaplastic large cell lymphoma, T-cell and Null cell type - 9714
21	Angioimmunoblastic T-cell lymphoma - 9705
22	Angiomyosarcoma - 8894
23	Apocrine adenocarcinoma - 8401
24	Atypical medullary carcinoma - 8513
25	B lymphoblastic leukemia/lymphoma with t(5;14)(q31;q32);IL3-IGH - 9817
26	B lymphoblastic leukemia/lymphoma with hyperdiploidy - 9815
27	B lymphoblastic leukemia/lymphoma, NOS - 9811
28	Basal cell adenocarcinoma - 8147
29	B-lymphocytic leukemia/lymphoma, BCR-ABL1-like - 9819
30	Burkitt lymphoma, NOS - 9687
31	Carcinoid tumor, malignant - 8240
32	Carcinoma in situ, NOS - 8010
33	Carcinoma simplex - 8231
34	Carcinoma with osteoclast-like giant cells - 8035
35	Carcinoma, anaplastic type, NOS - 8021
36	Carcinoma, NOS - 8010
37	Carcinoma, undifferentiated type, NOS - 8020
38	Carcinosarcoma, embryonal type - 8981
39	Carcinosarcoma, NOS - 8980
40	Chronic lymphocytic leukemia/small lymphocytic lymphoma - 9823
41	Clear cell adenocarcinoma, NOS - 8310
42	Comedocarcinoma, non-infiltrating - 8501
43	Comedocarcinoma, NOS - 8501
44	Composite Hodgkin and non-Hodgkin lymphoma - 9596
45	Cribriform carcinoma - 8201
46	Cribriform carcinoma in situ - 8201

47	Cystadenocarcinoma, NOS - 8440
48	Cystic hypersecretory carcinoma - 8508
49	Dedifferentiated liposarcoma - 8858
50	Desmoplastic small round cell tumor - 8806
51	Duct carcinoma in situ, solid type - 8230
52	Duct carcinoma, desmoplastic type - 8514
53	Embryonal sarcoma - 8991
54	Epithelial-myoepithelial carcinoma - 8562
55	Epithelioid hemangioendothelioma, malignant - 9133
56	Epithelioid leiomyosarcoma - 8891
57	Epithelioid sarcoma - 8804
58	Epithelioma, malignant - 8011
59	Erdhiem-Chester Disease - 9749
60	Fascial fibrosarcoma - 8813
61	Fibroblastic liposarcoma - 8857
62	Fibroblastic reticular cell tumor - 9759
63	Fibromyxosarcoma - 8811
64	Fibrosarcoma, NOS - 8810
65	Follicular dendritic cell sarcoma - 9758
66	Follicular lymphoma, grade 1 - 9695
67	Follicular lymphoma, grade 2 - 9691
68	Follicular lymphoma, grade 3 - 9698
69	Follicular lymphoma, NOS - 9690
70	Giant cell and spindle cell carcinoma - 8030
71	Giant cell carcinoma - 8031
72	Giant cell sarcoma - 8802
73	Glassy cell carcinoma - 8015
74	Glycogen-rich carcinoma - 8315
75	Granular cell carcinoma - 8320
76	Granular cell tumor, malignant - 9580
77	Hemangioendothelioma, malignant - 9130
78	Hemangiosarcoma - 9120
79	Histiocytic sarcoma - 9755
80	Hodgkin granuloma [obs] - 9661
81	Hodgkin lymph., lymphocyt. deplet., diffuse fibrosis - 9654
82	Hodgkin lymph., nodular lymphocyte predom. - 9659
83	Hodgkin lymphoma, lymphocyt. deplet., reticular - 9655
84	Hodgkin lymphoma, lymphocyte-rich - 9651
85	Hodgkin lymphoma, lymphocytic deplet., NOS - 9653
86	Hodgkin lymphoma, mixed cellularity, NOS - 9652
87	Hodgkin lymphoma, nod. scler., cellular phase - 9664
88	Hodgkin lymphoma, nod. scler., grade 1 - 9665
89	Hodgkin lymphoma, nod. scler., grade 2 - 9667
90	Hodgkin lymphoma, nodular sclerosis, NOS - 9663

91	Hodgkin lymphoma, NOS - 9650
92	Hodgkin sarcoma [obs] - 9662
93	Infantile fibrosarcoma - 8814
94	Infiltr. duct mixed with other types of carcinoma - 8523
95	Infiltr. duct mixed with other types of carcinoma, in situ - 8523
96	Infiltrating duct and lobular carcinoma - 8522
97	Infiltrating ductular carcinoma - 8521
98	Infiltrating lobular mixed with other types of carc. - 8524
99	Inflammatory carcinoma - 8530
100	Interdigitating dendritic cell sarcoma - 9757
101	Intracystic carcinoma, NOS - 8504
102	Intraductal and lobular in situ carcinoma - 8522
103	Intraductal carcinoma, noninfiltrating, NOS - 8500
104	Intraductal micropapillary carcinoma - 8507
105	Intraductal papillary adenocarcinoma with invasion - 8503
106	Intravascular large B-cell lymphoma - 9712
107	Invasive carcinoma of no special type - 8500
108	Invasive micropapillary carcinoma - 8507
109	Langerhans cell histiocytosis, disseminated - 9754
110	Langerhans cell histiocytosis, NOS - 9751
111	Langerhans cell sarcoma - 9756
112	Large cell carcinoma with rhabdoid phenotype - 8014
113	Large cell carcinoma, NOS - 8012
114	Large cell neuroendocrine carcinoma - 8013
115	Leiomyosarcoma, NOS - 8890
116	Leukemia/lymphoma with hypodiploidy (hypodiploid ALL) - 9816
117	Leukemia/lymphoma with t(1;19)(q23;p13.3); E2A PBX1 (TCF3 PBX1) - 9818
118	Leukemia/lymphoma with t(12;21)(p13;q22);TEL-AML1(ETV6-RUNX1) - 9814
119	Leukemia/lymphoma with t(9;22)(q34;q11.2);BCR-ABL1 - 9812
120	Leukemia/lymphoma with t(v;11q23);MLL rearranged - 9813
121	Lipid-rich carcinoma - 8314
122	Liposarcoma, NOS - 8850
123	Liposarcoma, well differentiated - 8851
124	Lobular carcinoma in situ - 8520
125	Lobular carcinoma, NOS - 8520
126	Lrg B-cell lymphoma in HHV8-assoc. multicentric Castleman DZ - 9738
127	Lymphomatoid granulomatosis, grade 3 - 9766
128	Malignant histiocytosis - 9750
129	Malignant lymphoma, non-Hodgkin - 9591
130	Malignant lymphoma, NOS - 9590
131	Malignant mastocytosis - 9741
132	Malignant myoepithelioma - 8982
133	Malignant tumor, clear cell type - 8005
134	Malignant tumor, giant cell type - 8003

135	Malignant tumor, small cell type - 8002
136	Malignant tumor, spindle cell type - 8004
137	Mantle cell lymphoma - 9673
138	Marginal zone B-cell lymphoma, NOS - 9699
139	Mast cell sarcoma - 9740
140	Mature T-cell lymphoma, NOS - 9702
141	Medullary carcinoma with lymphoid stroma - 8512
142	Medullary carcinoma, NOS - 8510
143	Mesenchymoma, malignant - 8990
144	Metaplastic carcinoma, NOS - 8575
145	Mixed cell adenocarcinoma - 8323
146	Mixed type liposarcoma - 8855
147	ML, large B-cell, diffuse - 9680
148	ML, large B-cell, diffuse, immunoblastic, NOS - 9684
149	ML, lymphoplasmacytic - 9671
150	ML, mixed sm. and Ig. cell, diffuse - 9675
151	ML, small B lymphocytic, NOS - 9670
152	Mucinous adenocarcinoma - 8480
153	Mucinous cystadenocarcinoma, NOS - 8470
154	Mucin-producing adenocarcinoma - 8481
155	Mucoepidermoid carcinoma - 8430
156	Myelodysplastic/Myeloproliferative neoplasm, unclassifiable - 9975
157	Myeloid and lymphoid neoplasm with FGFR1 abnormalities - 9967
158	Myeloid and lymphoid neoplasms with PDGFRB rearrangement - 9965
159	Myofibroblastic sarcoma - 8825
160	Myosarcoma - 8895
161	Myxoid leiomyosarcoma - 8896
162	Myxoid liposarcoma - 8852
163	Neoplasm, malignant - 8000
164	Neuroendocrine carcinoma - 8246
165	Neuroendocrine tumor - 8249
166	NK/T-cell lymphoma, nasal and nasal-type - 9719
167	Noninfiltrating intracystic carcinoma - 8504
168	Noninfiltrating intraductal papillary adenocarcinoma - 8503
169	Oxyphilic adenocarcinoma - 8290
170	Paget dis. & infil. duct carcinoma - 8541
171	Paget disease and intraductal ca. - 8543
172	Paget disease, mammary - 8540
173	Papillary adenocarcinoma, NOS - 8260
174	Papillary carcinoma in situ - 8050
175	Papillary carcinoma, NOS - 8050
176	Papillary squamous cell carcinoma - 8052
177	Papillary squamous cell carcinoma, non-invasive - 8052
178	Phyllodes tumor, malignant - 9020

179	Plasmablastic lymphoma - 9735
180	Plasmacytoma, extramedullary - 9734
181	Plasmacytoma, NOS - 9731
182	Pleomorphic carcinoma - 8022
183	Pleomorphic liposarcoma - 8854
184	Pleomorphic lobular carcinoma in situ - 8519
185	Polygonal cell carcinoma - 8034
186	Polymorphic PTLD - 9971
187	Polymorphous low grade adenocarcinoma - 8525
188	Precursor B-cell lymphoblastic lymphoma - 9728
189	Precursor cell lymphoblastic lymphoma, NOS - 9727
190	Precursor T-cell lymphoblastic lymphoma - 9729
191	Pseudosarcomatous carcinoma - 8033
192	Round cell liposarcoma - 8853
193	Sarcoma, NOS - 8800
194	Scirrhous adenocarcinoma - 8141
195	Sebaceous adenocarcinoma - 8410
196	Secretory carcinoma of breast - 8502
197	Sezary syndrome - 9701
198	Signet ring cell carcinoma - 8490
199	Small cell carcinoma, fusiform cell - 8043
200	Small cell carcinoma, NOS - 8041
201	Small cell sarcoma - 8803
202	Solid carcinoma, NOS - 8230
203	Solid papillary carcinoma in situ - 8509
204	Solid papillary carcinoma with invasion - 8509
205	Solitary fibrous tumor, malignant - 8815
206	Spindle cell carcinoma - 8032
207	Spindle cell sarcoma - 8801
208	Sq. cell carc. in situ with question. stromal invas. - 8076
209	Sq. cell carcinoma, keratinizing, NOS - 8071
210	Sq. cell carcinoma, Ig. cell, non-ker. - 8072
211	Sq. cell carcinoma, micro-invasive - 8076
212	Sq. cell carcinoma, sm. cell, non-ker. - 8073
213	Sq. cell carcinoma, spindle cell - 8074
214	Squamous cell carcinoma in situ, NOS - 8070
215	Squamous cell carcinoma with horn formation - 8078
216	Squamous cell carcinoma, adenoid - 8075
217	Squamous cell carcinoma, NOS - 8070
218	Stromal sarcoma, NOS - 8935
219	Superficial spreading adenocarcinoma - 8143
220	SystemicEBV pos. T-cell lymphoproliferative disease of childhood - 9724
221	T lymphoblastic leukemia/lymphoma - 9837
222	T-cell histiocyte rich large B-cell lymphoma - 9688

223	T-cell large granular lymphocytic leukemia - 9831
224	Trabecular adenocarcinoma - 8190
225	Tubular adenocarcinoma - 8211
226	Tumor cells, malignant - 8001
227	Undifferentiated sarcoma - 8805
228	Verrucous carcinoma, NOS - 8051

ICD-O-3 Anatomic Site Coding Scheme

Code	Anatomic Site
1	50.0 -Nipple
2	50.1 -Central portion of breast
3	50.2 -Upper-inner quadrant of breast
4	50.3 -Lower-inner quadrant of breast
5	50.4 -Upper-outer quadrant of breast
6	50.5 -Lower-outer quadrant of breast
7	50.6 -Axillary tail of breast
8	50.8 -Overlapping lesion of breast
9	50.9 -Breast NOS
10	C00.0 -External upper lip
11	C00.1 -External lower lip
12	C00.2 -External lip NOS
13	C00.3 -Mucosa of upper lip
14	C00.4 -Mucosa of lower lip
15	C00.5 -Mucosa of lip NOS
16	C00.6 -Commissure of lip
17	C00.8 -Overlapping lesion of lip
18	C00.9 -Lip NOS
19	C01.9 -Base of tongue NOS
20	C02.0 -Dorsal surface of tongue NOS
21	C02.1 -Border of tongue
22	C02.2 -Ventral surface of tongue NOS
23	C02.3 -Anterior 2/3 of tongue NOS
24	C02.4 -Lingual tonsil
25	C02.8 -Overlapping lesion of tongue
26	C02.9 -Tongue NOS
27	C03.0 -Upper gum
28	C03.1 -Lower gum
29	C03.9 -Gum NOS
30	C04.0 -Anterior floor of mouth
31	C04.1 -Lateral floor of mouth
32	C04.8 -Overlapping lesion of floor of mouth
33	C04.9 -Floor of mouth NOS
34	C05.0 -Hard palate

35	C05.1 -Soft palate NOS
36	C05.2 -Uvula
37	C05.8 -Overlapping lesion of palate
38	C05.9 -Palate NOS
39	C06.0 -Cheek mucosa
40	C06.1 -Vestibule of mouth
41	C06.2 -Retromolar area
42	C06.8 -Overlapping lesion of other and unspecified parts of mouth
43	C06.9 -Mouth NOS
44	C07.9 -Parotid gland
45	C08.0 -Submandibular gland
46	C08.1 -Sublingual gland
47	C08.8 -Overlapping lesion of major salivary glands
48	C08.9 -Major salivary gland NOS
49	C09.0 -Tonsillar fossa
50	C09.1 -Tonsillar pillar
51	C09.8 -Overlapping lesion of tonsil
52	C09.9 -Tonsil NOS
53	C10.0 -Vallecula
54	C10.1 -Anterior surface of epiglottis
55	C10.2 -Lateral wall of oropharynx
56	C10.3 -Posterior wall of oropharynx
57	C10.4 -Branchial cleft
58	C10.8 -Overlapping lesion of oropharynx
59	C10.9 -Oropharynx NOS
60	C11.0 -Superior wall of nasopharynx
61	C11.1 -Posterior wall of nasopharynx
62	C11.2 -Lateral wall of nasopharynx
63	C11.3 -Anterior wall of nasopharynx
64	C11.8 -Overlapping lesion of nasopharynx
65	C11.9 -Nasopharynx NOS
66	C12.9 -Pyriform sinus
67	C13.0 -Postcricoid region
68	C13.1 -Hypopharyngeal aspect of aryepiglottic fold
69	C13.2 -Posterior wall of hypopharynx
70	C13.8 -Overlapping lesion of hypopharynx
71	C13.9 -Hypopharynx NOS
72	C14.0 -Pharynx NOS
73	C14.2 -Waldeyer ring
74	C14.8 -Overlapping lesion of lip oral cavity and pharynx
75	C15.0 -Cervical esophagus
76	C15.1 -Thoracic esophagus
77	C15.2 -Abdominal esophagus
78	C15.3 -Upper third of esophagus

79	C15.4 -Middle third of esophagus
80	C15.5 -Lower third of esophagus
81	C15.8 -Overlapping lesion of esophagus
82	C15.9 -Esophagus NOS
83	C16.0 -Cardia NOS
84	C16.1 -Fundus of stomach
85	C16.2 -Body of stomach
86	C16.3 -Gastric antrum
87	C16.4 -Pylorus
88	C16.5 -Lesser curvature of stomach NOS
89	C16.6 -Greater curvature of stomach NOS
90	C16.8 -Overlapping lesion of stomach
91	C16.9 -Stomach NOS
92	C17.0 -Duodenum
93	C17.1 -Jejunum
94	C17.2 -Ileum
95	C17.3 -Meckel diverticulum
96	C17.8 -Overlapping lesion of small intestine
97	C17.9 -Small intestine NOS
98	C18.0 -Cecum
99	C18.1 -Appendix
100	C18.2 -Ascending colon
101	C18.3 -Hepatic flexure of colon
102	C18.4 -Transverse colon
103	C18.5 -Splenic flexure of colon
104	C18.6 -Descending colon
105	C18.7 -Sigmoid colon
106	C18.8 -Overlapping lesion of colon
107	C18.9 -Colon NOS
108	C19.9 -Rectosigmoid junction
109	C20.9 -Rectum NOS
110	C21.0 -Anus NOS
111	C21.1 -Anal canal
112	C21.2 -Cloacogenic zone
113	C21.8 -Overlapping lesion of rectum, anus and anal canal
114	C22.0 -Liver
115	C22.1 -Intrahepatic bile duct
116	C23.9 -Gallbladder
117	C24.0 -Extrahepatic bile duct
118	C24.1 -Ampulla of Vater
119	C24.8 -Overlapping lesion of biliary tract
120	C24.9 -Biliary tract, NOS
121	C25.0 -Head of pancreas
122	C25.1 -Body of pancreas

123	C25.2 -Tail of pancreas
124	C25.3 -Pancreatic duct
125	C25.4 -Islets of Langerhans
126	C25.7 -Other specified parts of pancreas
127	C25.8 -Overlapping lesion of pancreas
128	C25.9 -Pancreas, NOS
129	C26.0 -Intestinal tract, NOS
130	C26.8 -Overlapping lesion of digestive system
131	C26.9 -Gastrointestinal tract, NOS
132	C30.0 -Nasal cavity
133	C30.1 -Middle ear
134	C31.0 -Maxillary sinus
135	C31.1 -Ethmoid sinus
136	C31.2 -Frontal sinus
137	C31.3 -Sphenoid sinus
138	C31.8 -Overlapping lesion of accessory sinuses
139	C31.9 -Accessory sinus, NOS
140	C32.0 -Glottis
141	C32.1 -Supraglottis
142	C32.2 -Subglottis
143	C32.3 -Laryngeal cartilage
144	C32.8 -Overlapping lesion of larynx
145	C32.9 -Larynx, NOS
146	C33.9 -Trachea
147	C34.0 -Main bronchus
148	C34.1 -Upper lobe, lung
149	C34.2 -Middle lobe, lung
150	C34.3 -Lower lobe, lung
151	C34.8 -Overlapping lesion of lung
152	C34.9 -Lung, NOS
153	C37.9 -Thymus
154	C38.0 -Heart
155	C38.1 -Anterior mediastinum
156	C38.2 -Posterior mediastinum
157	C38.3 -Mediastinum, NOS
158	C38.4 -Pleura, NOS
159	C38.8 -Overlapping lesion of heart, mediastinum and pleura
160	C39.0 -Upper respiratory tract, NOS
161	C39.8 -Overlapping lesion of respiratory system and intrathoracic organs
162	C39.9 -Ill-defined sites within respiratory system
163	C40.0 -Long bones of upper limb, scapula and associated joints
164	C40.1 -Short bones of upper limb and associated joints
165	C40.2 -Long bones of lower limb and associated joints
166	C40.3 -Short bones of lower limb and associated joints

167	C40.8 -Overlapping lesion of bones, joints and articular cartilage of limbs
168	C40.9 -Bone of limb, NOS
169	C41.0 -Bones of skull and face and associated joints
170	C41.1 -Mandible
171	C41.2 -Vertebral column
172	C41.3 -Rib, sternum, clavicle and associated joints
173	C41.4 -Pelvic bones, sacrum, coccyx and associated joints
174	C41.8 -Overlapping lesion of bones, joints and articular cartilage
175	C41.9 -Bone, NOS
176	C42.0 -Blood
177	C42.1 -Bone marrow
178	C42.2 -Spleen
179	C42.3 -Reticuloendothelial system, NOS
180	C42.4 -Hematopoietic system, NOS
181	C44.0 -Skin of lip, NOS
182	C44.1 -Eyelid
183	C44.2 -External ear
184	C44.3 -Skin of other and unspecified parts of face
185	C44.4 -Skin of scalp and neck
186	C44.5 -Skin of trunk
187	C44.6 -Skin of upper limb and shoulder
188	C44.7 -Skin of lower limb and hip
189	C44.8 -Overlapping lesion of skin
190	C44.9 -Skin, NOS
191	C47.0 -Peripheral nerves and autonomic nervous system of head, face, and neck
192	C47.1 -Peripheral nerves and autonomic nervous system of upper limb and shoulder
193	C47.2 -Peripheral nerves and autonomic nervous system of lower limb and hip
194	C47.3 -Peripheral nerves and autonomic nervous system of thorax
195	C47.4 -Peripheral nerves and autonomic nervous system of abdomen
196	C47.5 -Peripheral nerves and autonomic nervous system of pelvis
197	C47.6 -Peripheral nerves and autonomic nervous system of trunk, NOS
198	C47.8 -Overlapping lesion of peripheral nerves and autonomic nervous system
199	C47.9 -Autonomic nervous system, NOS
200	C48.0 -Retroperitoneum
201	C48.1 -Specified parts of peritoneum
202	C48.2 -Peritoneum, NOS
203	C48.8 -Overlapping lesion of retroperitoneum and peritoneum
204	C49.0 -Connective, subcutaneous and other soft tissues of head, face, and neck
205	C49.1 -Connective, subcutaneous and other soft tissues of upper limb and shoulder

206	C49.2 -Connective, subcutaneous and other soft tissues of lower limb and hip
207	C49.3 -Connective, subcutaneous and other soft tissues of thorax
208	C49.4 -Connective, subcutaneous and other soft tissues of abdomen
209	C49.5 -Connective, subcutaneous and other soft tissues of pelvis
210	C49.6 -Connective, subcutaneous and other soft tissues of trunk NOS
211	C49.8 -Overlapping lesion of connective, subcutaneous and other soft tissues
212	C49.9 -Connective, subcutaneous and other soft tissues, NOS
213	C51.0 -Labium majus
214	C51.1 -Labium minus
215	C51.2 -Clitoris
216	C51.8 -Overlapping lesion of vulva
217	C51.9 -Vulva, NOS
218	C52.9 -Vagina, NOS
219	C53.0 -Endocervix
220	C53.1 -Exocervix
221	C53.8 -Overlapping lesion of cervix uteri
222	C53.9 -Cervix uteri
223	C54.0 -Isthmus uteri
224	C54.1 -Endometrium
225	C54.2 -Myometrium
226	C54.3 -Fundus uteri
227	C54.8 -Overlapping lesion of corpus
228	C54.9 -Corpus uteri

Lab Names Coding Scheme

Code	Lab Name
1	Albumin
2	ALP
3	ALT
4	AST
5	Bicarbonate (C02)
6	Bilirubin
7	BUN
8	CA 15-3
9	CA 27-29
10	Calcium
11	CEA
12	Chloride
13	Creatinine
14	Estradiol
15	FSH
16	G93

17	Glucose
18	HbA1c
19	Hematocrit
20	Hemoglobin
21	LH
22	Platelet Count
23	Potassium
24	RBC
25	Sodium
26	T4
27	Total Protein
28	TSH
29	WBC
30	CA 125
31	hCG
99	TP53
33	Other
9999	Not Documented

Lab Units Coding Scheme

Code	Lab Units
1	%
2	10(9)/L
3	10 ¹² /L
4	10E3/UL
5	AU/mL
6	cells/uL
7	Eu/dL
8	fL
9	gm/dL
10	index
11	IU/L
12	IU/mL
13	k/CU MM
14	k/mcl
15	K/mm ³
16	K/uL
17	M/CU MM
18	M/mcl
19	M/mm ³
20	M/uL
21	mcg/dl
22	mcg/mg

23	mEq/L
24	mEq/L+D69
25	mg
26	mg/2
27	mg/24hr
28	mg/dl
29	mg/g
30	mg/L
31	mIU/L
32	mIU/mL
33	ml/min
34	ml/min/1.73m ²
35	mm/hr
36	mm ³
37	mmHg
38	mmol/L
39	ng/dL
40	ng/L
41	ng/mL
42	nmol/L
43	pg
44	pg/ml
45	s/co ratio
46	U/L
47	U/mL
48	u/mol
49	ug/24hr
50	ug/dL
51	ug/L
52	ug/ml
53	ulU/mL
54	umol/L
55	Units
56	x10
57	x10E6/uL
58	mcu/ml
59	10 ³ /cmm
60	10 ⁶ /cmm
9999	Not Documented

Radiation Anatomic Location Coding Scheme

Code	Radiation Anatomic Location
1	C50.0 -Nipple
2	C50.1 - Central portion of breast

3	C50.2 - Upper-inner quadrant of breast
4	C50.3 - Lower-inner quadrant of breast
5	C50.4 - Upper-outer quadrant of breast
6	C50.5 - Lower-outer quadrant of breast
7	C50.6 - Axillary tail of breast
8	C50.8 - Overlapping lesion of breast
9	C50.9 -Breast, NOS
10	C44.5 - Skin of trunk
11	C77.9 - Lymph node, NOS
12	C77.0 - Lymph nodes of head, face, and neck
13	C77.3 - Lymph nodes of axilla or arm
14	C76.1 - Thorax, NOS
15	C41.2 - Vertebral column
16	C22.0 - Liver
17	C40.0 - Long bones of upper limb, scapula and associated joints
18	C41.4 - Pelvic bones, sacrum, coccyx and associated joints
19	C34.9 - Lung, NOS
20	C40.9 -Bone of limb, NOS

Regimen Names Coding Scheme

Code	Regimen Name
1	5-FU (Fluorouracil Injection)
2	Abemaciclib
3	Abraxane (Paclitaxel Albumin-stabilized Nanoparticle Formulation)
4	Ado-Trastuzumab Emtansine
5	Afinitor (Everolimus)
6	Afinitor Disperz (Everolimus)
7	Alpelisib
8	Anastrozole
9	Aredia (Pamidronate Disodium)
10	Arimidex
11	Arimidex (Anastrozole)
12	Aromasin (Exemestane)
13	Capecitabine
14	Cyclophosphamide
15	Cyclophosphamide and docetaxel-TC
16	Cyclophosphamide, methotrexate and 5-fluorouracil-CMF
17	Cytoxan, Adriamycin, and fluorouracil-CAF
18	Docetaxel

19	Docetaxel, carboplatin and trastuzumab (Herceptin)-TCH
20	Docetaxel, carboplatin, trastuzumab and pertuzumab (Perjeta)-TCHP
21	Docetaxel, doxorubicin and cyclophosphamide-TAC
22	Doxorubicin and cyclophosphamide followed by docetaxel-AC-Docetaxel-T
23	Doxorubicin and cyclophosphamide followed by paclitaxel-AC-Paclitaxel-T
24	Doxorubicin and cyclophosphamide-AC
25	Doxorubicin Hydrochloride
26	Ellence (Epirubicin Hydrochloride)
27	Enhertu (Fam-Trastuzumab Deruxtecan-nxki)
28	Epirubicin Hydrochloride
29	Eribulin Mesylate
30	Everolimus
31	Evista (Raloxifene Hydrochloride)
32	Exemestane
33	Fam-Trastuzumab Deruxtecan-nxki
34	Fareston (Toremifene)
35	Faslodex (Fulvestrant)
36	Femara (Letrozole)
37	Fluorouracil Injection
38	Fluorouracil, Adriamycin, and Cytoxan-FAC
39	Fulvestrant
40	Gemcitabine Hydrochloride
41	Gemzar (Gemcitabine Hydrochloride)
42	Goserelin Acetate
43	Halaven (Eribulin Mesylate)
44	Herceptin (Trastuzumab)
45	Herceptin Hylecta (Trastuzumab and Hyaluronidase-oysk)
46	Ibrance (Palbociclib)
47	Infugem (Gemcitabine Hydrochloride)
48	Ixabepilone
49	Ixempra (Ixabepilone)
50	Kadcyla (Ado-Trastuzumab Emtansine)
51	Keytruda (Pembrolizumab)
52	Kisqali (Ribociclib)
53	Lapatinib Ditosylate
54	Letrozole
55	Lynparza (Olaparib)
56	Margenza (Margetuximab-cmkb)
57	Margetuximab-cmkb

58	Megestrol Acetate
59	Methotrexate Sodium
60	Neratinib Maleate
61	Nerlynx (Neratinib Maleate)
62	Olaparib
63	Paclitaxel
64	Paclitaxel Albumin-stabilized Nanoparticle Formulation
65	Palbociclib
66	Pamidronate Disodium
67	Pembrolizumab
68	Perjeta (Pertuzumab)
69	Pertuzumab
70	Pertuzumab, Trastuzumab, and Hyaluronidase-zzxf
71	Phesgo (Pertuzumab, Trastuzumab, and Hyaluronidase-zzxf)
72	Piqray (Alpelisib)
73	Raloxifene Hydrochloride
74	Ribociclib
75	Sacituzumab Govitecan-hziy
76	Soltamox (Tamoxifen Citrate)
77	Talazoparib Tosylate
78	Talzenna (Talazoparib Tosylate)
79	Tamoxifen Citrate
80	Taxotere (Docetaxel)
81	Tecentriq (Atezolizumab)
82	Tepadina (Thiotepa)
83	Thiotepa
84	Toremifene
85	Trastuzumab
86	Trastuzumab and Hyaluronidase-oysk
87	Trexall (Methotrexate Sodium)
88	Trodelvy (Sacituzumab Govitecan-hziy)
89	Tucatinib
90	Tukysa (Tucatinib)
91	Tykerb (Lapatinib Ditosylate)
92	Verzenio (Abemaciclib)
93	Vinblastine Sulfate
94	Xeloda (Capecitabine)
95	Zoladex (Goserelin Acetate)
96	Other
9999	Not Documented

PRO Topics Coding Scheme

Code	Topic
1	Despair
2	Distress
3	General physical symptoms
4	Patient Care Monitor
5	Impaired performance
6	Impaired ambulation
7	Quality-of-Life
8	Treatment side effects
9	Depression
10	Anxiety
11	Alcohol
12	Tiredness (Fatigue)
13	Nausea
14	Pain
15	Drowsiness
16	Appetite
17	Shortness of Breath
18	Well-being
19	Cognition
20	Sleep Problems
21	Spiritual Distress
22	Hot Flashes
23	Dry Mouth
24	Numbness/Tingling
25	Memory
26	Financial Distress
27	Mucositis
28	Dysphagia
29	Vomiting
30	Diarrhea
31	Constipation
32	General Health
33	Physical Health
34	Mental Health
35	Satisfaction with Social activities and Relationships
36	Carrying out social activities and roles
37	Able to carry out physical activities
38	How often you are bothered by emotional problems
39	Little interest or pleasure in doing things
40	Feeling down, depressed or hopeless
41	Feeling nervous, anxious, or on edge
42	Not being able to stop or control worrying

43	Worrying too much about different things
44	Trouble relaxing
45	Being so restless that it is hard to sit still
46	Becoming easily annoyed or irritable
47	Feeling afraid as if something awful might happen
48	Trouble falling or staying asleep, or sleeping too much
49	Feeling tired or having little energy
50	Poor appetite or overeating
51	Feeling bad about yourself or that you are a failure or have let yourself or your family down
52	Trouble concentrating on things, such as reading the newspaper or watching television
53	Moving or speaking so slowly that other people could have noticed... or so fidgety/restless you've been moving a lot
54	Thoughts that you would be better off dead, or of hurting yourself in some way
55	Have you ever felt that you ought to cut down on your drinking or drug use?
56	Have people annoyed you by criticizing your drinking or drug use?
57	Have you ever felt bad or guilty about your drinking or drug use?
58	Have you ever had a drink or used drugs first thing in the morning to steady your nerves or get rid of a hangover?
59	Open a tight or new jar
60	Write
61	Turn a Key
62	Prepare a Meal
63	Push open a heavy door
64	Place an object on a shelf above your head
65	Do heavy household chores, e.g. wash walls, wash floors
66	Garden or do yard work
67	Make a bed
68	Carry a shopping bag or briefcase
69	Carry a heavy object (over 10 lbs)
70	Change a lightbulb overhead
71	Wash or blow-dry your hair
72	Wash your back
73	Put on a pullover sweater
74	Use a knife to cut food
75	Recreational activities that require little effort, e.g. cardplaying, knitting, etc

76	Recreational activities involving force/impact through arm/shoulder/hand e.g. golf, hammering, tennis
77	Recreational activities involving free arm movement e.g. frisbee, badminton
78	Manage transportation needs
79	Arm/shoulder/hand problem interfering with normal social activities (past week)
80	Limited in work/daily activities due to arm/shoulder/hand problem (past week)
81	Arm, shoulder, or hand pain
82	Pain in arm, shoulder, or hand during specific activity
83	Tingling in your arm, shoulders, or hands
84	Weakness in your arm, shoulder, or hand
85	Stiffness in your arm, shoulder, or hand
86	Difficulty sleeping due to arm, shoulder, or hand pain (past week)
87	Feel less capable/confident/useful due to arm, shoulder, or hand
88	Difficulty using usual technique for work
89	Difficulty doing usual work due to arm, shoulder, or hand pain
90	Difficulty doing your work as well as you would like
91	Difficulty spending your usual amount of time doing your work
92	Physical T-score
93	Mental T-score
99999	Not Documented