

BCCOM Project: SYMPTOMATIC primary BREAST CANCERS diagnosed in 2003	
DATASET DEFINITION	
Surgeon GMC code:	
Surgeon name:	
Surgeon contact details:	
Lead surgeon name:	
Cancer registry name:	
Contact name at cancer registry:	

		DESCRIPTION OF DATA ITEM	!! DO NOT SEND content of fields in RED to WMCIU
Data Item	Description	Codes and Classification	Column
A	Cancer Registry	Name of cancer registry	A
B	Patient Number	Patient's number at cancer registry	B
C	Tumour Number	Tumour registration number of the primary breast cancer	C
D	Assigned Hospital	If surgery, hospital of first surgery; If no surgery, hospital of diagnosis	D
E	Responsible Surgeon Name	Responsible consultant surgeon's name If surgery, surgeon who performed first surgery If no surgery, surgeon at diagnosis	E
F	Responsible Surgeon Code	Responsible consultant surgeon's GMC code	F
G	Surname	The patient's surname at time of diagnosis	G
H	Sex	The patient's sex	H
I	Date of Birth	The patient's date of birth	I
J	NHS Number	The patient's unique 10 digit new format NHS number	J
K	Laterality	The laterality of the primary tumour	K
L	Diagnosis Date	This field records the date of diagnosis of the tumour. It is required with the date of birth to derive the age at diagnosis	L
M	Basis of Diagnosis	This field records the eligibility of the tumour for registration based on the best source of information known to the Trust and allows derivation of the degree of certainty of diagnosis. It is therefore an indicator of data quality, with microscopic histological verification being viewed as the 'gold standard' diagnosis.	M

		DESCRIPTION OF DATA ITEM	!! DO NOT SEND content of fields in RED to WMCIU	
Data Item	Description	Codes and Classification	Column	
N	Invasive Status	The invasive status of the tumour with the WORST prognosis	I = Invasive N = Non Invasive M = Micro-invasive X = Unknown	N
O	ICD-O Code	Morphology code of the tumour (If patient had multiple primaries or bilateral tumours, give only histology code for the tumour which has the WORST prognosis)	ICD-O-2 or ICD-O-3 (International Classification of Diseases for Oncology; 2nd or 3rd Edition)	O
P	Histological Tumour Type	The cell type of the tumour. See the sheet '4.0 Histology Code Conversion' for equivalence between ICD-O3 codes and the histology codes used in BCCOM. (If a patient had multiple primaries or bilateral tumours, give only histology code for the tumour which has the WORST prognosis) (If one tumour has multiple components/ includes different morphologic types', give only histology code for the component which has the WORST prognosis)	DCIS = Ductal carcinoma <i>in situ</i> (corresponding ICDM is 85002) LCIS - Lobular carcinoma <i>in situ</i> (85202) OIS = Other <i>in situ</i> breast cancer (behaviour code = 2) MIC = Micro-invasive breast cancer (behaviour code = 5) PAG = Paget's disease of nipple (85403) DUC = Invasive ductal carcinoma (NST) (85103) LOB = Invasive lobular carcinoma (85203) MED = Invasive medullary carcinoma (85103) MUC = Invasive mucinous/ colloid carcinoma (84803; 84813) TUB = Invasive tubular carcinoma (82113) MIX = Invasive tumour: mixed (85223, 85233) OSB = Other specified malignant tumour of breast NSB = Non-specific malignant tumour of breast OPC = Other primary carcinoma (not breast) (80006, 81406) NA = Invasive tumour: not assessable (80003, 80013)	P
Q	Grade of Differentiation Invasive Tumour	Qualitative assessment of the differentiation of the tumour expressed as the extent to which a tumour resembles the normal tissue at that site. Based on modified Bloom & Richardson classification	1 = Well differentiated 2 = Moderately differentiated 3 = Poorly differentiated NA = Grade cannot be assessed X = Unknown	Q
R	Nuclear Grade Non-Invasive Tumour	Qualitative assessment of the nuclear differentiation of the tumour expressed as the extent to which a tumour resembles the normal tissue at that site	H = High O = Other NA = Grade cannot be assessed X = Unknown	R
S	Invasive Size	The size (maximum diameter) of the invasive component of the tumour	Number format, size in mm NA = Not applicable X = Unknown	S
T	Whole Tumour Size	The size of the invasive tumour and any surrounding <i>in situ</i> disease	Number format, size in mm X = Unknown	T
U	Vascular or Lymphatic Invasion	The presence of unequivocal tumour in vascular spaces	N = No, vascular/lymphatic invasion not present Y = Yes, vascular/lymphatic invasion present U = Uncertain whether vascular invasion is present or not X = Unknown	U
V	Excision Margins	Whether all the excision margins were clear of tumour after the final operation to the breast	Y = Excision margins are clear (distance from margin not stated) or Excision margins are clear (tumour > 5mm from the margin) or Excision margins are clear (tumour > 1mm from the margin but ≤ 5 mm from the margin) or Tumour is ≤ 1 mm of excision margin, but does not reach margin N = Tumour reaches excision margin X = Unknown if tumour reaches excision margin	V
W	Local/Regional Nodes Examined	The total number of local/regional nodes examined. If several axillary procedures were performed, add the nodes obtained and enter this number	Number format (0; 1;) X = Unknown	W
X	Local/Regional Nodes Positive	The number of local/regional nodes reported as being positive for the presence of tumour metastases. If several axillary procedures were performed, add the positive nodes obtained and enter this number	Number format (0; 1;) X = Unknown	X

		DESCRIPTION OF DATA ITEM	!! DO NOT SEND content of fields in RED to WMCIU	
Data Item	Description	Codes and Classification	Column	
Y	ER Status	Measure of oestrogen receptor expression	P = ER positive N = ER negative X = ER status unknown	Y
Z	PgR Status	Measure of progesterone receptor expression	P = PgR positive N = PgR negative X = PgR status unknown	Z
AA	ErbB-2/ HER-2 Status	Measure of ErbB-2 (HER-2) expression	P = HER-2 positive N = HER-2 negative X = HER-2 status unknown	AA
AB	Type of Final Therapeutic Surgery to the Breast	Exclude axillary surgery, reconstruction, treatment to recurrence(s)	M= Mastectomy C= Conservation NS= No Surgery X= Unknown	AB
AC	Death Date	The date the patient died. Leave blank if the patient is still alive	Date format (dd/mm/yyyy)	AC
AD	NHSBSP Screen Detected	Was this tumour screen-detected (within the NHS Breast Screening Programme)?	Y = Yes N = No X = Unknown	AD
AE	Was There a Pre-operative Diagnosis?	Records whether the presence of cancer was confirmed histologically or cytologically BEFORE surgery took place. If cancer registry has a cytology or biopsy report on record for this tumour AND if the date of this report is before the date of first surgery, then pre-operative diagnosis = Y Otherwise, leave blank for the responsible surgeon to complete	Y = Yes N = No X = Unknown	AE
AF	Patient's Hospital Number	The patient's hospital number at surgery (or at diagnosis if no surgery was performed). If a patient had several surgical operations, give the hospital number for final surgery		AF
AG	Date of Final Surgery to the Breast	Exclude axillary surgery, reconstruction, treatment to recurrence(s)	Date format (dd/mm/yyyy) X = unknown	AG
AH	Any Sentinel Node Procedure?	This field will be more easily completed by responsible surgeons	Y= Yes N= No X= Unknown	AH
AI	NPI	Nottingham Prognostic Index Score (Invasive Cancer) NPI = 0.2 x Invasive Size (cm) + Grade + Nodes where Grade is the tumour grade (Bloom & Richardson): 1, 2 or 3 where Nodes equals 1 (0 positive nodes) or Nodes equals 2 (1, 2 or 3 positive nodes) or Nodes equals 3 (>= 4)	Number format	AI
AJ	VNPI	Van Nuys Prognostic Index (Non-Invasive Cancer) V NPI = Size Score + Margin Score + Pathological Classification Score where Size Score is: 1 (<or = 15mm); 2 (16 to 40mm); 3 (>or = 40) where Margin Score is: 1 (width >or = 10mm); 2 (width 1 to 9mm); 3 (width < 1mm) where Pathological Classification Score is: 1 (non high grade without necrosis); 2 (non high grade with necrosis); 3 (high grade with/without necrosis)	Number format	AJ
Adjuvant Section		Description	Codes and Classification	Column
AK	Radiotherapy Flag	Whether the patient received radiotherapy as treatment for her/his breast cancer. Exclude treatment for recurrence(s)	Y= Yes N= No X= Unknown	AK
AL	Hospital of Radiotherapy	The hospital at which radiotherapy took place	Hospital's National code if possible; otherwise name and postcode of hospital	AL
AM	Date of Radiotherapy	Date radiotherapy treatment started	Date format (dd/mm/yyyy) X = unknown	AM
AN	Chemotherapy Flag	Whether the patient received chemotherapy as treatment for her/his breast cancer. Exclude treatment for recurrence(s)	Y= Yes N= No X= Unknown	AN
AO	Hospital of Chemotherapy	The hospital at which chemotherapy took place	Hospital's National code if possible; otherwise name and postcode of Hospital	AO
AP	Date of Chemotherapy	Date chemotherapy treatment started	Date format (dd/mm/yyyy) X = unknown	AP
AQ	Hormone Therapy Flag	Whether the patient received hormone therapy as treatment for her/his breast cancer. Exclude treatment for recurrence(s)	Y= Yes N= No X= Unknown	AQ
AR	Date of Hormone Therapy	Date hormone treatment started	Date format (dd/mm/yyyy) X = unknown	AR
!! DO NOT SEND content of these fields to the WMCIU. These fields have only been added to help consultants to identify their patients				
AS	Forenames	The patient's forename(s)		AS
AT	1st line of Address	The address where the patient lived at the time of diagnosis	1st line of address	AT
AU	2nd line of Address	The address where the patient lived at the time of diagnosis	2nd line of address	AU
AV	3rd line of Address	The address where the patient lived at the time of diagnosis	3rd line of address	AV
AW	4th line of Address	The address where the patient lived at the time of diagnosis	4th line of address	AW
AX	Postcode	The postcode where the patient lived at the time of diagnosis	Number format	AX

BCCOM Project: SYMPTOMATIC primary BREAST CANCERS diagnosed in 2003			
HISTOLOGY CODE CONVERSION			
	BCCOM histology code	Histological tumour type	
This sheet converts ICD-O3 morphology codes to the histology codes used in the BCCOM project	DCIS	Ductal carcinoma <i>in situ</i>	
	LCIS	Lobular carcinoma <i>in situ</i>	
	OIS	Other <i>in situ</i> breast cancer	
	MIC	Micro-invasive breast cancer	
	PAG	Paget's disease of nipple	
	DUC	Invasive ductal carcinoma (NST)	
	LOB	Invasive lobular carcinoma	
	MED	Invasive medullary carcinoma	
	MUC	Invasive mucinous/colloid carcinoma	
	TUB	Invasive tubular carcinoma	
	MIX	Invasive tumour:mixed	
	OSB	Other specified malignant tumour of breast	
	NSB	Non-specific malignant tumour of breast	
	OPC	Other primary carcinoma (not breast)	
NA	Invasive tumour:not assessable		
Conversion of ICDM morphology codes to BCCOM histology codes			
Description ICDM	ICD-O3	BCCOM code	Description BCCOM histology code
Carcinoma in situ unspecified	80102	DCIS	Ductal carcinoma <i>in situ</i>
Papillary carcinoma in situ	80502	DCIS	Ductal carcinoma <i>in situ</i>
Adenocarcinoma in-situ unspecified	81402	DCIS	Ductal carcinoma <i>in situ</i>
Cribriform carcinoma in situ; ductal carcinoma in situ, cribriform type	82012	DCIS	Ductal carcinoma <i>in situ</i>
Solid carcinoma in situ	82302	DCIS	Ductal carcinoma <i>in situ</i>
Neuroendocrine carcinoma in situ	82462	OIS	Other <i>in situ</i> breast cancer
Apocrine adenocarcinoma, in situ	84012	DCIS	Ductal carcinoma <i>in situ</i>
Intraductal carcinoma; non infiltrating ductal carcinoma; non infiltrating cribriform carcinoma; non infiltrating micropapillary carcinoma; in situ ductal carcinoma; non invasive ductal carcinoma; DCIS	85002	DCIS	Ductal carcinoma <i>in situ</i>
Comedocarcinoma; non infiltrating ductal carcinoma in situ comedo type; DCIS comedo type	85012	DCIS	Ductal carcinoma <i>in situ</i>
Non-Infiltrating Intraductal papillary (adeno)carcinoma	85032	DCIS	Ductal carcinoma <i>in situ</i>
Intracystic papillary in situ	85042	DCIS	Ductal carcinoma <i>in situ</i>
DCIS intraductal papillary	85072	DCIS	Ductal carcinoma <i>in situ</i>
Lobular carcinoma, in situ; LCIS	85202	LCIS	Lobular carcinoma <i>in situ</i>
Medullary carcinoma, in situ	85102	OIS	Other <i>in situ</i> breast cancer
Intraductal carcinoma & lobular carcinoma in situ	85222	OIS	Other <i>in situ</i> breast cancer
Liposarcoma in situ	88502	OIS	Other <i>in situ</i> breast cancer
Phyllodes tumour in situ	90202	OIS	Other <i>in situ</i> breast cancer
Micro-invasive carcinoma nos	80105	MIC	Micro-invasive breast cancer
Micro-invasive papillary carcinoma	80505	MIC	Micro-invasive breast cancer
Squamous cell carcinoma, micro-invasive	80765	MIC	Micro-invasive breast cancer
Ductal micro-invasive	81405	MIC	Micro-invasive breast cancer
Mucinous adenoma micro-invasive	84805	MIC	Micro-invasive breast cancer
Micro-invasive ductal carcinoma	85005	MIC	Micro-invasive breast cancer
Intracystic papillary micro-invasive	85045	MIC	Micro-invasive breast cancer
Paget's disease, mammary, in situ (C50); Pagets disease alone	85403	PAG	Paget's disease of nipple
Paget's disease, in situ and intraductal carcinoma	85413	PAG	Paget's disease of nipple
Paget's disease and infiltrating duct carcinoma of breast	85413	PAG	Paget's disease of nipple
Paget's disease and infiltrating duct carcinoma	85415	PAG	Paget's disease of nipple
Paget's disease and intraductal carcinoma of breast	85433	PAG	Paget's disease of nipple

Description ICDM	ICD-O3	BCCOM code	Description BCCOM histology code
Adenocarcinoma unspecified	81403	DUC	Invasive ductal carcinoma
Scirrhus adenocarcinoma	81413	DUC	Invasive ductal carcinoma
Trabecular carcinoma	81903	DUC	Invasive ductal carcinoma
Cribriform carcinoma	82013	DUC	Invasive ductal carcinoma
Solid carcinoma	82303	DUC	Invasive ductal carcinoma
Papillary adenocarcinoma, nos	82603	DUC	Invasive ductal carcinoma
Clear cell adenocarcinoma	83103	DUC	Invasive ductal carcinoma
Mixed cell adenocarcinoma	83233	DUC	Invasive ductal carcinoma
Apocrine adenocarcinoma	84013	DUC	Invasive ductal carcinoma
Infiltrating duct carcinoma; infiltrating duct adenocarcinoma; duct adenocarcinoma nos; duct carcinoma nos; duct cell carcinoma; ductal carcinoma nos	85003	DUC	Invasive ductal carcinoma
Comedocarcinoma	85013	DUC	Invasive ductal carcinoma
Intraductal papillary adenocarcinoma with invasion	85033	DUC	Invasive ductal carcinoma
Infiltrating intracystic carcinoma; 'intracystic papillary carcinoma' nos	85043	DUC	Invasive ductal carcinoma
Invasive ductal micropapillary	85073	DUC	Invasive ductal carcinoma
Infiltrating ductular carcinoma	85213	DUC	Invasive ductal carcinoma
Inflammatory (adeno)carcinoma	85303	DUC	Invasive ductal carcinoma
Adenocarcinoma with squamous metaplasia	85703	DUC	Invasive ductal carcinoma
Adenocarcinoma with apocrine metaplasia; carcinoma with apocrine metaplasia	85733	DUC	Invasive ductal carcinoma
Lobular carcinoma, nos; lobular adenocarcinoma; infiltrating lobular carcinoma	85203	LOB	Invasive lobular carcinoma
Medullary carcinoma, nos; medullary adenocarcinoma	85103	MED	Invasive medullary carcinoma
Mucinous adenocarcinoma; pseudomyxoma peritonei with unknown primary site (C80.9)	84803	MUC	Invasive mucinous/colloid carcinoma
Mucin-producing adenocarcinoma; mucin-producing carcinoma; mucine-secreting adenocarcinoma; mucin-secreting carcinoma	84813	MUC	Invasive mucinous/colloid carcinoma
Tubular adenocarcinoma, tubular carcinoma	82113	TUB	Invasive tubular carcinoma
Infiltrating duct and lobular carcinoma	85223	MIX	Invasive tumour: mixed
Mixed ductal/other	85233	MIX	Invasive tumour: mixed
Papillary carcinoma unspecified	80503	OSB	Other specified malignant tumour of breast
Squamous cell carcinoma	80703	OSB	Other specified malignant tumour of breast
Adenoid cystic carcinoma	82003	OSB	Other specified malignant tumour of breast
Neuroendocrine carcinoma, nos	82463	OSB	Other specified malignant tumour of breast
Signet ring carcinoma	84903	OSB	Other specified malignant tumour of breast
Acinar cell carcinoma	85503	OSB	Other specified malignant tumour of breast
Adenosquamous carcinoma	85603	OSB	Other specified malignant tumour of breast
Metaplastic	85753	OSB	Other specified malignant tumour of breast
Sarcoma unspecified	88003	OSB	Other specified malignant tumour of breast
Spindle cell sarcoma	88013	OSB	Other specified malignant tumour of breast
Dermatofibrosarcoma, nos; dermatofibrosarcoma protuberans, nos	88323	OSB	Other specified malignant tumour of breast
Liposarcoma, nos; fibroliposarcoma	88503	OSB	Other specified malignant tumour of breast
Liposarcoma well differentiated	88513	OSB	Other specified malignant tumour of breast
Dedifferentiated liposarcoma	88583	OSB	Other specified malignant tumour of breast
Leiomyosarcoma unspecified	88903	OSB	Other specified malignant tumour of breast
Carcinosarcoma unspecified	89803	OSB	Other specified malignant tumour of breast
Phyllodes tumour malignant	90203	OSB	Other specified malignant tumour of breast
Carcinoma nos; cellular carcinoma; cuboidal carcinoma; infiltrating mammary carcinoma; infiltrating breast carcinoma; poorly differentiated carcinoma	80103	NSB	Non-specific malignant tumour of breast
Carcinoma undifferentiated type nos	80203	NSB	Non-specific malignant tumour of breast
Carcinoma anaplastic type	80213	NSB	Non-specific malignant tumour of breast
Pleomorphic carcinoma	80223	NSB	Non-specific malignant tumour of breast
Giant cell carcinoma	80313	NSB	Non-specific malignant tumour of breast
Spindle cell	80323	NSB	Non-specific malignant tumour of breast
Small cell carcinoma	80413	NSB	Non-specific malignant tumour of breast
Neoplasm, metastatic	80006	OPC	Other primary carcinoma (not breast)
Adenocarcinoma, metastatic nos	81406	OPC	Other primary carcinoma (not breast)
Malignant cells nos	80003	NA	Invasive tumour: not assessable
Tumour cells malignant	80013	NA	Invasive tumour: not assessable