

File Name	Data as of	Population	Data collected	One row per	Rows	File Created
lilac_form_342_breast_inv.dat	2/19/2023	LILAC	LILAC	Form	2,956	8/25/2023

*This data dictionary can be used to prepare or evaluate feasibility of ancillary study proposals and paper proposals, but is NOT intended for publication.*

**ID** WHI Participant Common ID Col 1

N	Missing
2,956	0

**BRSTSURGERY** Cancer-directed surgery for tx Col 2

Value	Description	N	%
0	No	62	2.1
1	Yes	2,889	97.7
9	Unknown	5	0.2

**PARTIALMAST** Type of surgery - Partial mastectomy Col 3

Value	Description	N	%
0	No	560	18.9
1	Yes	2,329	78.8
	Missing	67	2.3

**MASTECTOMY** Type of surgery - Mastectomy Col 4

Value	Description	N	%
0	No	2,074	70.2
1	Yes	815	27.6
	Missing	67	2.3

**NIPPLERES** Type of surgery - Nipple resection Col 5

Value	Description	N	%
0	No	2,886	97.6
1	Yes	3	0.1
	Missing	67	2.3

**SURGERYDY** Surgery days from diagnosis date

Col 6

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
2,887	69	0	393	27.886	37.878

**SURGDATETYPE** Surgery date type

Col 7

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	2,878	97.4
2	Estimated	9	0.3
9	Unknown	1	0
	Missing	68	2.3

**REMCONTBRST** Removal of contra breast

Col 8

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	2,773	93.8
1	Yes	110	3.7
	Missing	73	2.5

**MOLTEST1** Molecular tests for dx or tx

Col 9

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	2,462	83.3
1	Yes	368	12.4
2	Recommended, unknown if done	1	0
9	Unknown	124	4.2
	Missing	1	0

**NOTESTREASON1** No tests reason

Col 10

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Recommended, insurance denied	0	0
2	Recommended, patient refused	27	0.9
3	Not recommended	59	2
4	Test not commercially available	1,040	35.2
8	Other, specify	31	1
9	Unknown	1,294	43.8
	Missing	505	17.1

**OTHREASON1** Other reason, specify Col 11

**N Missing**

32 2,924

**SPECIFYTEST1** Specify test Col 12

Value	Description	N	%
1	OncotypeDX	356	12
2	MammaPrint	8	0.3
8	Other, specify	4	0.1
	Missing	2,588	87.6

**OTHERTESTS1** Other tests, specify Col 13

**N Missing**

4 2,952

**MOLTESTDY1** Molecular test 1 days from diagnosis date Col 14

N	Missing	Min	Max	Mean	StdDev
358	2,598	-2	176	26.704	24.32

**TESTDATETYPE1** Molecular test 1 date type Col 15

Value	Description	N	%
1	Exact	353	11.9
2	Estimated	5	0.2
9	Unknown	10	0.3
	Missing	2,588	87.6

**TSTPATIENT1** Reason test ordered - Patient request Col 16

Value	Description	N	%
0	No	364	12.3
1	Yes	4	0.1
	Missing	2,588	87.6

**TSTCLINICAL1** Reason test ordered - Clinically indicated - tx depend on Col 17  
rslt

Value	Description	N	%
0	No	227	7.7
1	Yes	141	4.8
	Missing	2,588	87.6

**TSTSURGEON1** Reason test ordered - Recommended by surgeon Col 18

Value	Description	N	%
0	No	292	9.9
1	Yes	76	2.6
	Missing	2,588	87.6

**TSTONCOL1** Reason test ordered - Recommended by oncologist Col 19

Value	Description	N	%
0	No	126	4.3
1	Yes	242	8.2
	Missing	2,588	87.6

**TSTCLINNOS1** Reason test ordered - Recommended, clinicial NOS Col 20

Value	Description	N	%
0	No	358	12.1
1	Yes	10	0.3
	Missing	2,588	87.6

**TSTTAILORX1** Reason test ordered - TailoRx clinical trial Col 21

Value	Description	N	%
0	No	360	12.2
1	Yes	8	0.3
	Missing	2,588	87.6

**TSTRXPONDER1** Reason test ordered - RxPonder clinical trial Col 22

Value	Description	N	%
0	No	367	12.4
1	Yes	1	0
	Missing	2,588	87.6

**TSTOTHTRIAL1** Reason test ordered - Other clinical trial/research Col 23

Value	Description	N	%
0	No	363	12.3
1	Yes	5	0.2
	Missing	2,588	87.6

**TSTNOTDOC1** Reason test ordered - Not documented in records Col 24

Value	Description	N	%
0	No	326	11
1	Yes	42	1.4
	Missing	2,588	87.6

**TSTNOREC1** Reason test ordered - No medical records available Col 25

Value	Description	N	%
0	No	363	12.3
1	Yes	5	0.2
	Missing	2,588	87.6

**TSTOTHER1** Reason test ordered - Other Col 26

Value	Description	N	%
0	No	366	12.4
1	Yes	2	0.1
	Missing	2,588	87.6

**TSTSPECIFY1** Other test reason specified Col 27

N	Missing
3	2,953

**TSTRESULTS1** Test results

Col 28

Value	Description	N	%
1	Low-risk	177	6
2	Intermediate-risk	121	4.1
3	High-risk	57	1.9
4	N/A	3	0.1
5	Test ordered / results not available	10	0.3
	Missing	2,588	87.6

**TSTSCOREAVAIL1** Test score available?

Col 29

Value	Description	N	%
0	No	8	0.3
1	Yes	345	11.7
2	Not applicable	6	0.2
3	Test ordered/results not available	9	0.3
	Missing	2,588	87.6

**TSTSCORE1** Score

Col 30

N	Missing	Min	Max	Mean	StdDev
345	2,611	0	72	19.504	12.395

**MOLTEST2** Second molecular test - dx/tx

Col 31

Value	Description	N	%
0	No	2,923	98.9
1	Yes	6	0.2
	Missing	27	0.9

**MOLTESTTYPE2** Specify second test

Col 32

Value	Description	N	%
1	OncotypeDX	6	0.2
2	MammaPrint	0	0
8	Other, specify	0	0
	Missing	2,950	99.8

**MOLTESTSPEC2** Other specified Col 33

**N Missing**

0 2,956

**MOLTESTDY2** Molecular test 2 days from diagnosis date Col 34

**N Missing Min Max Mean StdDev**

6 2,950 0 103 38.833 35.74

**TSTDATETYPE2** Molecular test 2 date type Col 35

**Value Description N %**

1 Exact 6 0.2

2 Estimated 0 0

9 Unknown 0 0

Missing 2,950 99.8

**TSTPATIENT2** Reason second test ordered - Patient request Col 36

**Value Description N %**

0 No 6 0.2

1 Yes 0 0

Missing 2,950 99.8

**TSTCLINICAL2** Reason second test ordered - Clinically indicated - tx  
depend on rsIt Col 37

**Value Description N %**

0 No 4 0.1

1 Yes 2 0.1

Missing 2,950 99.8

**TSTSURGEON2** Reason second test ordered - Recommended by  
surgeon Col 38

**Value Description N %**

0 No 6 0.2

1 Yes 0 0

Missing 2,950 99.8

**TSTONCOL2** Reason second test ordered - Recommended by oncologist Col 39

Value	Description	N	%
0	No	0	0
1	Yes	6	0.2
	Missing	2,950	99.8

**TSTCLINNOS2** Reason second test ordered - Recommended, clinician Col 40  
NOS

Value	Description	N	%
0	No	6	0.2
1	Yes	0	0
	Missing	2,950	99.8

**TSTTAILORX2** Reason second test ordered - TailorX clinical trial Col 41

Value	Description	N	%
0	No	6	0.2
1	Yes	0	0
	Missing	2,950	99.8

**TSTRXPONDER2** Reason second test ordered - RxPonder clinical trial Col 42

Value	Description	N	%
0	No	6	0.2
1	Yes	0	0
	Missing	2,950	99.8

**TSTOTHTRIAL2** Reason second test ordered - Other clinical Col 43  
trial/research

Value	Description	N	%
0	No	6	0.2
1	Yes	0	0
	Missing	2,950	99.8



**TSTNOTDOC2** Reason second test ordered - Not documented in records Col 44

Value	Description	N	%
0	No	6	0.2
1	Yes	0	0
	Missing	2,950	99.8

**TSTNOREC2** Reason second test ordered - No medical records available Col 45

Value	Description	N	%
0	No	6	0.2
1	Yes	0	0
	Missing	2,950	99.8

**TSTFIRSTINDET2** Reason second test ordered - First test indeterminate Col 46

Value	Description	N	%
0	No	5	0.2
1	Yes	1	0
	Missing	2,950	99.8

**TSTOTHER2** Reason second test ordered - Other, specify Col 47

Value	Description	N	%
0	No	5	0.2
1	Yes	1	0
	Missing	2,950	99.8

**TSTSPECIFY2** Other second test specified Col 48

N	Missing
2	2,954

**TSTRESULTS2** Second test results

Col 49

Value	Description	N	%
1	Low-risk	2	0.1
2	Intermediate-risk	2	0.1
3	High-risk	2	0.1
4	N/A	0	0
5	Test ordered / results not available	0	0
	Missing	2,950	99.8

**TSTSCOREAVAIL2** Second test score available?

Col 50

Value	Description	N	%
0	No	0	0
1	Yes	6	0.2
2	Not applicable	0	0
3	Test ordered/results not available	0	0
	Missing	2,950	99.8

**TSTSCORE2** Second test score

Col 51

N	Missing	Min	Max	Mean	StdDev
6	2,950	6	51	24.5	15.63

**CHEMOTARGET** Chemo or targeted first course

Col 52

Value	Description	N	%
0	No	2,016	68.2
1	Yes	779	26.4
2	Recommended, unknown if done	15	0.5
9	Unknown	145	4.9
	Missing	1	0

**NOCHEMOREASON** No chemo or targeted reason

Col 53

Value	Description	N	%
1	Patient refused	170	5.8
2	Not a candidate for treatment	15	0.5
3	Patient chose alternate recommended tx	59	2
4	Not indicated based on molecular test	142	4.8
5	Not recommended	636	21.5
8	Other, specify	18	0.6
9	Unknown	964	32.6
	Missing	952	32.2

**TXDOC** Written docs tx based on test

Col 54

Value	Description	N	%
0	No	704	23.8
1	Yes	54	1.8
9	Unknown	17	0.6
	Missing	2,181	73.8

**RADTHER** Radiation therapy first course

Col 55

Value	Description	N	%
0	No	905	30.6
1	Yes	1,890	63.9
2	Recommended, unknown if done	37	1.3
9	Unknown	123	4.2
	Missing	1	0

**NORADREASON** No radiation therapy reason

Col 56

Value	Description	N	%
1	Patient refused	105	3.6
2	Patient chose alternate recommended tx	131	4.4
3	Not a candidate for treatment	4	0.1
4	Not recommended	232	7.8
8	Other, specify	17	0.6
9	Unknown	412	13.9
	Missing	2,055	69.5

**RADEBRT** Rad therapy type - External beam radiation therapy (EBRT) Col 57

Value	Description	N	%
0	No	240	8.1
1	Yes	1,649	55.8
	Missing	1,067	36.1

**RADINTERNAL** Radiation therapy type - Internal radiation therapy Col 58

Value	Description	N	%
0	No	1,751	59.2
1	Yes	138	4.7
	Missing	1,067	36.1

**RADRADIO** Radiation therapy type - Radioisotopes Col 59

Value	Description	N	%
0	No	1,889	63.9
1	Yes	0	0
	Missing	1,067	36.1

**RADOTHER** Radiation therapy type - Other Col 60

Value	Description	N	%
0	No	1,889	63.9
1	Yes	0	0
	Missing	1,067	36.1

**RADUNKNOWN** Radiation therapy type - Unknown Col 61

Value	Description	N	%
0	No	1,735	58.7
1	Yes	154	5.2
	Missing	1,067	36.1

**RADSTARTDY** Radiation therapy start days from diagnosis date Col 62

N	Missing	Min	Max	Mean	StdDev
1,820	1,136	1	561	109.56	73.67

**RADSTARTTYPE** Radiation therapy start date type

Col 63

Value	Description	N	%
1	Exact	1,652	55.9
2	Estimated	169	5.7
9	Unknown	67	2.3
	Missing	1,068	36.1

**RADENDDY** Radiation therapy stop days from diagnosis date

Col 64

N	Missing	Min	Max	Mean	StdDev
1,817	1,139	2	1,686	152.309	94.199

**RADENDTYPE** Radiation therapy end date type

Col 65

Value	Description	N	%
1	Exact	1,692	57.2
2	Estimated	125	4.2
9	Unknown	67	2.3
	Missing	1,072	36.3

**RADDOSE** Total dosage of radiation

Col 66

N	Missing	Min	Max	Mean	StdDev
1,629	1,327	360	13,280	5,605.805	971.411

**RADDOSEUNK** Total dosage radiation unknown

Col 67

Value	Description	N	%
9	Unknown	256	8.7
	Missing	2,700	91.3

**EHTREAT** Endocrine targeted hormone therapy

Col 68

Value	Description	N	%
0	No	689	23.3
1	Yes	2,063	69.8
2	Recommended, unknown if done	29	1
9	Unknown	168	5.7
	Missing	7	0.2

**EHCODE1** EH1 agent code

Col 69

Value	Description	N	%
19	Anastrozole	189	6.4
24	Arimidex	845	28.6
25	Aromasin	32	1.1
73	Evista	11	0.4
74	Exemestane	14	0.5
75	Fareston	3	0.1
77	Femara	198	6.7
104	Letrozole	71	2.4
134	Nolvadex	2	0.1
149	Raloxifene	1	0
157	Tamoxifen	683	23.1
237	Endocrine Therapy (hormonal) NOS	6	0.2
261	Aromatase Inhibitor, NOS	3	0.1
262	Estrogen receptor agonist/antagonist, NOS	1	0
	Missing	897	30.3

**EHUSE1** EH1 agent use

Col 70

Value	Description	N	%
1	Intermittent use	139	4.7
2	Continuous use	1,736	58.7
9	Unknown	185	6.3
	Missing	896	30.3

**EHSTARTDY1** EH1 agent start days from diagnosis date

Col 71

N	Missing	Min	Max	Mean	StdDev
2,000	956	-604	4,524	126.74	167.263

**EHSTARTTYPE1** EH1 agent start date type

Col 72

Value	Description	N	%
1	Exact	1,733	58.6
2	Estimated	265	9
9	Unknown	64	2.2
	Missing	894	30.2

**EHENDDY1** EH1 agent end days from diagnosis date

Col 73

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
1,952	1,004	31	5,866	1,203.095	758.92

**EHENDTYPE1** EH1 agent end date type

Col 74

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	1,085	36.7
2	Estimated	226	7.6
3	Current use	642	21.7
9	Unknown	109	3.7
	Missing	894	30.2

**EHSWITCH1** EH1 agent switched endocrine therapy

Col 75

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	1,302	44
1	Yes	654	22.1
9	Unknown	106	3.6
	Missing	894	30.2

**EHSWITCHREASON1** EH1 agent reason for therapy switch

Col 76

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	A planned switch	99	3.3
2	Adverse event	18	0.6
3	Side effects	319	10.8
8	Other, specify	68	2.3
9	Unknown	150	5.1
	Missing	2,302	77.9

**EHFINAL1** EH1 agent final disposition

Col 77

Value	Description	N	%
1	Treatment plan completed	423	14.3
2	Remains on treatment plan	612	20.7
3	Side effects	120	4.1
4	Deceased	24	0.8
8	Other, specify	87	2.9
9	Unknown	35	1.2
	Missing	1,655	56

**EHCODE2** EH2 agent code

Col 78

Value	Description	N	%
19	Anastrozole	27	0.9
24	Arimidex	152	5.1
25	Aromasin	119	4
73	Evista	7	0.2
74	Exemestane	47	1.6
76	Faslodex	3	0.1
77	Femara	125	4.2
104	Letrozole	44	1.5
114	Megace	1	0
149	Raloxifene	3	0.1
157	Tamoxifen	121	4.1
171	Toremifene	1	0
237	Endocrine Therapy (hormonal) NOS	2	0.1
	Missing	2,304	77.9

**EHUSE2** EH2 agent use

Col 79

Value	Description	N	%
1	Intermittent use	43	1.5
2	Continuous use	551	18.6
9	Unknown	59	2
	Missing	2,303	77.9



**EHSTARTDY2** EH2 agent start days from diagnosis date

Col 80

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
620	2,336	36	2,630	835.874	614.123

**EHSTARTTYPE2** EH2 agent start date type

Col 81

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	541	18.3
2	Estimated	79	2.7
9	Unknown	33	1.1
	Missing	2,303	77.9

**EHENDDY2** EH2 agent end days from diagnosis date

Col 82

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
629	2,327	37	6,213	1,649.967	1,054.61

**EHENDTYPE2** EH2 agent end date type

Col 83

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	382	12.9
2	Estimated	71	2.4
3	Current use	176	6
9	Unknown	24	0.8
	Missing	2,303	77.9

**EHSWITCH2** EH2 agent switched therapy

Col 84

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	468	15.8
1	Yes	162	5.5
9	Unknown	20	0.7
	Missing	2,306	78

**EHSWITCHREASON2** EH2 agent reason for therapy switch

Col 85

Value	Description	N	%
1	A planned switch	6	0.2
2	Adverse event	2	0.1
3	Side effects	114	3.9
8	Other, specify	15	0.5
9	Unknown	25	0.8
	Missing	2,794	94.5

**EHFINAL2** EH2 agent final disposition

Col 86

Value	Description	N	%
1	Treatment plan completed	175	5.9
2	Remains on treatment plan	165	5.6
3	Side effects	66	2.2
4	Deceased	5	0.2
8	Other, specify	36	1.2
9	Unknown	19	0.6
	Missing	2,490	84.2

**EHCODE3** EH3 agent code

Col 87

Value	Description	N	%
19	Anastrozole	7	0.2
24	Arimidex	20	0.7
25	Aromasin	29	1
73	Evista	4	0.1
74	Exemestane	6	0.2
76	Faslodex	5	0.2
77	Femara	26	0.9
104	Letrozole	8	0.3
149	Raloxifene	1	0
157	Tamoxifen	55	1.9
261	Aromatase Inhibitor, NOS	2	0.1
	Missing	2,793	94.5

**EHUSE3** EH3 agent use

Col 88

Value	Description	N	%
1	Intermittent use	9	0.3
2	Continuous use	146	4.9
9	Unknown	7	0.2
	Missing	2,794	94.5

**EHSTARTDY3** EH3 agent start days from diagnosis date

Col 89

N	Missing	Min	Max	Mean	StdDev
157	2,799	120	4,046	1,000.446	678.985

**EHSTARTTYPE3** EH3 agent start date type

Col 90

Value	Description	N	%
1	Exact	134	4.5
2	Estimated	23	0.8
9	Unknown	6	0.2
	Missing	2,793	94.5

**EHENDDY3** EH3 agent end days from diagnosis date

Col 91

N	Missing	Min	Max	Mean	StdDev
158	2,798	196	4,779	1,636.082	856.977

**EHENDTYPE3** EH3 agent end date type

Col 92

Value	Description	N	%
1	Exact	89	3
2	Estimated	13	0.4
3	Current use	56	1.9
9	Unknown	5	0.2
	Missing	2,793	94.5

**EHSWITCH3** EH3 agent switched endocrine therapy

Col 93

Value	Description	N	%
0	No	143	4.8
1	Yes	17	0.6
9	Unknown	3	0.1
	Missing	2,793	94.5

**EHSWITCHREASON3** EH3 agent reason for therapy switch

Col 94

Value	Description	N	%
1	A planned switch	0	0
2	Adverse event	0	0
3	Side effects	14	0.5
8	Other, specify	3	0.1
9	Unknown	0	0
	Missing	2,939	99.4

**EHFINAL3** EH3 agent final disposition

Col 95

Value	Description	N	%
1	Treatment plan completed	52	1.8
2	Remains on treatment plan	57	1.9
3	Side effects	25	0.8
4	Deceased	4	0.1
8	Other, specify	5	0.2
9	Unknown	5	0.2
	Missing	2,808	95

**OVREMOVAL** Ovarian removal for breast cancer

Col 96

Value	Description	N	%
0	No	2,763	93.5
1	Yes	6	0.2
2	Recommended, unknown if done	0	0
9	Unknown	169	5.7
	Missing	18	0.6

**OVABLATION** Type of ovarian removal

Col 97

Value	Description	N	%
1	Bilateral/unilateral oophorectomy	6	0.2
8	Other, Specify	0	0
9	Unknown	0	0
	Missing	2,950	99.8

**OVDY** Ovarian removal days from diagnosis date

Col 98

N	Missing	Min	Max	Mean	StdDev
6	2,950	54	956	383	336.47

**OVDATETYPE** Ovarian removal date type

Col 99

Value	Description	N	%
1	Exact	6	0.2
2	Estimated	0	0
9	Unknown	0	0
	Missing	2,950	99.8

**OVOTHSPEC** Ovarian removal specified

Col 100

N	Missing
0	2,956

**BRRECON** Breast reconstruction surgery

Col 101

Value	Description	N	%
0	No	2,560	86.6
1	Yes	198	6.7
9	Unknown	197	6.7
	Missing	1	0

**BRSALINE** Breast reconstruction - Saline implant(s)

Col 102

Value	Description	N	%
0	No	159	5.4
1	Yes	37	1.3
	Missing	2,760	93.4

**BRASILICONE** Breast reconstruction - Silicone implant(s)

Col 103

Value	Description	N	%
0	No	172	5.8
1	Yes	24	0.8
	Missing	2,760	93.4

**BRIMPNOS** Breast reconstruction - Implant(s), type unspecified

Col 104

Value	Description	N	%
0	No	154	5.2
1	Yes	42	1.4
	Missing	2,760	93.4

**BRTRAM** Breast reconstruction - TRAM flap

Col 105

Value	Description	N	%
0	No	160	5.4
1	Yes	36	1.2
	Missing	2,760	93.4

**BRLATDOR** Breast reconstruction - Latissimus dorsi flap

Col 106

Value	Description	N	%
0	No	184	6.2
1	Yes	12	0.4
	Missing	2,760	93.4

**BRDIEP** Breast reconstruction - DIEP flap

Col 107

Value	Description	N	%
0	No	194	6.6
1	Yes	2	0.1
	Missing	2,760	93.4

**BRGLUT** Breast reconstruction - Gluteal free flap

Col 108

Value	Description	N	%
0	No	196	6.6
1	Yes	0	0
	Missing	2,760	93.4

**BRTUG** Breast reconstruction - Inner thigh or TUG flap

Col 109

Value	Description	N	%
0	No	196	6.6
1	Yes	0	0
	Missing	2,760	93.4

**BRFLAPNOS** Breast reconstruction - Flap procedure, details not specified

Col 110

Value	Description	N	%
0	No	191	6.5
1	Yes	5	0.2
	Missing	2,760	93.4

**BRRECONOTH** Breast reconstruction - Other

Col 111

Value	Description	N	%
0	No	177	6
1	Yes	19	0.6
	Missing	2,760	93.4

**BRUNKNOWN** Breast reconstruction - Unknown type

Col 112

Value	Description	N	%
0	No	158	5.3
1	Yes	38	1.3
	Missing	2,760	93.4

**BROTHSPEC** Other reconstruction, specify

Col 113

N	Missing
23	2,933

**BRRESECT** Breast reconstruction with resection

Col 114

Value	Description	N	%
0	No	51	1.7
1	Yes	147	5
	Missing	2,758	93.3

**BRDY** Breast reconstruction days from diagnosis date

Col 115

N	Missing	Min	Max	Mean	StdDev
30	2,926	70	2,650	699.367	734.59

**BRDATETYPE** Breast reconstruction surgery date type

Col 116

Value	Description	N	%
1	Exact	22	0.7
2	Estimated	8	0.3
9	Unknown	21	0.7
	Missing	2,905	98.3

**BONEMEDS** Bone loss prevention meds

Col 117

Value	Description	N	%
0	No	2,417	81.8
1	Yes	130	4.4
2	Recommended, unknown if done	2	0.1
9	Unknown	385	13
	Missing	22	0.7

**BONEALENDRO** Bone loss med - Alendronate

Col 118

Value	Description	N	%
0	No	83	2.8
1	Yes	47	1.6
	Missing	2,826	95.6



**BONECLODRO** Bone loss med - Clodronate

Col 119

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONEDENOS** Bone loss med - Denosumab

Col 120

Value	Description	N	%
0	No	105	3.6
1	Yes	25	0.8
	Missing	2,826	95.6

**BONEETIDRO** Bone loss med - Etidronate

Col 121

Value	Description	N	%
0	No	129	4.4
1	Yes	1	0
	Missing	2,826	95.6

**BONEIBANDRO** Bone loss med - Ibandronate

Col 122

Value	Description	N	%
0	No	124	4.2
1	Yes	6	0.2
	Missing	2,826	95.6

**BONENERIDO** Bone loss med - Neridronate

Col 123

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONEOLPADRO** Bone loss med - Olpadronate

Col 124

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONEPAMIDRO** Bone loss med - Pamidronate

Col 125

Value	Description	N	%
0	No	123	4.2
1	Yes	7	0.2
	Missing	2,826	95.6

**BONERESEDRO** Bone loss med - Risedronate

Col 126

Value	Description	N	%
0	No	118	4
1	Yes	12	0.4
	Missing	2,826	95.6

**BONETILUDRO** Bone loss med - Tiludronate

Col 127

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONEZOLEDRO** Bone loss med - Zoledronate

Col 128

Value	Description	N	%
0	No	82	2.8
1	Yes	48	1.6
	Missing	2,826	95.6

**BONEOTHER** Bone loss med - Other

Col 129

Value	Description	N	%
0	No	128	4.3
1	Yes	2	0.1
	Missing	2,826	95.6

**BONEUNKNOWN** Bone loss med - Unknown

Col 130

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONESPECIFY** Bone loss med other specified

Col 131

**N Missing**

3 2,953

**BONEMEDORAL** Bone med admin route - Oral

Col 132

Value	Description	N	%
0	No	70	2.4
1	Yes	60	2
	Missing	2,826	95.6

**BONEMEDIV** Bone med admin route - Intravenous (IV)

Col 133

Value	Description	N	%
0	No	86	2.9
1	Yes	44	1.5
	Missing	2,826	95.6

**BONEMEDSQ** Bone med admin route - Subcutaneous injection (SQ)

Col 134

Value	Description	N	%
0	No	104	3.5
1	Yes	26	0.9
	Missing	2,826	95.6

**BONEMEDCOMBINED** Bone med admin route - Combined Col 135

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONEMEDOTHER** Bone med admin route - Other Col 136

Value	Description	N	%
0	No	130	4.4
1	Yes	0	0
	Missing	2,826	95.6

**BONEMEDUNKNOWN** Bone med admin route - Unknown Col 137

Value	Description	N	%
0	No	125	4.2
1	Yes	5	0.2
	Missing	2,826	95.6

**BONEMEDSPECIFY** Bone med admin route - Other specified Col 138**N Missing**

0	2,956
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**FPDY** First prescribed days from diagnosis date Col 139**N Missing Min Max Mean StdDev**

115	2,841	-92	3,304	449.8	611.609
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**FPDATETYPE** First prescribed date type Col 140

Value	Description	N	%
1	Exact	94	3.2
2	Estimated	21	0.7
9	Unknown	15	0.5
	Missing	2,826	95.6

**LPDY** Last prescribed days from diagnosis date

Col 141

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
111	2,845	42	5,369	1,483.054	1,113.266

**LPDATETYPE** Last prescribed date type

Col 142

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	101	3.4
2	Estimated	10	0.3
9	Unknown	18	0.6
	Missing	2,827	95.6

**DISEASEFREE** Participant disease free

Col 143

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	81	2.7
1	Yes	2,801	94.8
9	Unknown	73	2.5
	Missing	1	0

**DISEASEFREEDY** Disease free days from diagnosis date

Col 144

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
2,800	156	0	7,572	2,255.128	1,875.927

**RECURBRCA** New or recurrent breast cancer

Col 145

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	2,606	88.2
1	Yes	172	5.8
9	Unknown	176	6
	Missing	2	0.1

**RECURLAT1** New or recur brca 1 laterality

Col 146

Value	Description	N	%
1	Ipsilateral	81	2.7
2	Contralateral	90	3
9	Unknown	1	0
	Missing	2,784	94.2

**RECURHIST1** New or recur brca 1 histology

Col 147

Value	Description	N	%
1	Same	111	3.8
2	Different	52	1.8
9	Unknown	7	0.2
	Missing	2,786	94.2

**RECURHISTSPEC1** New or recur brca 1 specify histology

Col 148

N	Missing
165	2,791

**RECURDY1** New recur brca1 days from diagnosis date

Col 149

N	Missing	Min	Max	Mean	StdDev
172	2,784	55	6,305	2,336.884	1,473.206

**RECURDATETYPE1** New or recur brca dx 1 date type

Col 150

Value	Description	N	%
1	Exact	171	5.8
2	Estimated	1	0
9	Unknown	0	0
	Missing	2,784	94.2

**RECURLAT2** New or recur brca 2 laterality

Col 151

Value	Description	N	%
1	Ipsilateral	5	0.2
2	Contralateral	5	0.2
9	Unknown	0	0
	Missing	2,946	99.7

**RECURHIST2** New or recur brca 2 histology

Col 152

Value	Description	N	%
1	Same	5	0.2
2	Different	3	0.1
9	Unknown	1	0
	Missing	2,947	99.7

**RECURHISTSPEC2** New or recur brca 2 specify histology

Col 153

**N Missing**

8 2,948

**RECURDY2** New recur brca2 days from diagnosis date

Col 154

N	Missing	Min	Max	Mean	StdDev
10	2,946	644	8,400	4,155.2	2,067.861

**RECURDATETYPE2** New or recur brca 2 date type

Col 155

Value	Description	N	%
1	Exact	9	0.3
2	Estimated	1	0
9	Unknown	0	0
	Missing	2,946	99.7

**RECURLAT3** New or recur brca 3 laterality

Col 156

Value	Description	N	%
1	Ipsilateral	0	0
2	Contralateral	0	0
9	Unknown	0	0
	Missing	2,956	100

**RECURHIST3** New or recur brca 3 histology

Col 157

Value	Description	N	%
1	Same	0	0
2	Different	0	0
9	Unknown	0	0
	Missing	2,956	100

**RECURHISTSPEC3** New or recur brca 3 specify histology

Col 158

**N Missing**

0 2,956

**RECURDY3** New recur brca3 days from diagnosis date

Col 159

**N Missing**

0 2,956

**RECURDATETYPE3** New or recur brca 3 date type

Col 160

Value	Description	N	%
1	Exact	0	0
2	Estimated	0	0
9	Unknown	0	0
	Missing	2,956	100



**METASTASIS** Metastasis outside primary

Col 161

Value	Description	N	%
0	No	2,546	86.1
1	Yes	230	7.8
9	Unknown	177	6
	Missing	3	0.1

**METSCHEST** Metastasis site - Chest wall

Col 162

Value	Description	N	%
0	No	205	6.9
1	Yes	23	0.8
	Missing	2,728	92.3

**METSCONTRA** Metastasis site - Contralateral breast (rare)

Col 163

Value	Description	N	%
0	No	226	7.6
1	Yes	2	0.1
	Missing	2,728	92.3

**METSLIVER** Metastasis site - Liver

Col 164

Value	Description	N	%
0	No	173	5.9
1	Yes	55	1.9
	Missing	2,728	92.3

**METSBONE** Metastasis site - Bone

Col 165

Value	Description	N	%
0	No	142	4.8
1	Yes	86	2.9
	Missing	2,728	92.3

**METSLUNG** Metastasis site - Lung

Col 166

Value	Description	N	%
0	No	162	5.5
1	Yes	66	2.2
	Missing	2,728	92.3

**METSREGLYMPH** Metastasis site - Regional lymph node

Col 167

Value	Description	N	%
0	No	193	6.5
1	Yes	35	1.2
	Missing	2,728	92.3

**METSDISTLYMPH** Metastasis site - Distant lymph node(s)

Col 168

Value	Description	N	%
0	No	196	6.6
1	Yes	32	1.1
	Missing	2,728	92.3

**METSBRAIN** Metastasis site - Brain

Col 169

Value	Description	N	%
0	No	214	7.2
1	Yes	14	0.5
	Missing	2,728	92.3

**METSOTHER** Metastasis site - Other

Col 170

Value	Description	N	%
0	No	194	6.6
1	Yes	34	1.2
	Missing	2,728	92.3

**METSSPECIFY** Metastasis site - Other, specify

Col 171

N	Missing
37	2,919

**METSDY** Metastasis dx days from diagnosis date

Col 172

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
221	2,735	94	8,875	1,507.1	1,249.888

**METSDATETYPE** Metastasis dx date type

Col 173

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	205	6.9
2	Estimated	15	0.5
9	Unknown	9	0.3
	Missing	2,727	92.3