

File Name	Data as of	Population	Data collected	One row per	Rows	File Created
lilac_form_343_lung_inv.dat	2/19/2023	LILAC	LILAC	Form	1,266	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
1,266	0

**LUNGSURGERY** Lung surgery as primary treatment for lung cancer Col 2

Value	Description	N	%
0	No	831	65.6
1	Yes	361	28.5
9	Unknown	74	5.8

**LOCTUMORDEST** Type of surgery - Local Tumor destruction Col 3

Value	Description	N	%
0	No	356	28.1
1	Yes	5	0.4
	Missing	905	71.5

**WEDGE** Type of surgery - Wedge Col 4

Value	Description	N	%
0	No	238	18.8
1	Yes	123	9.7
	Missing	905	71.5

**SEGMENT** Type of surgery - Segmentectomy Col 5

Value	Description	N	%
0	No	333	26.3
1	Yes	28	2.2
	Missing	905	71.5

**PARTIALLOBE** Type of surgery - Resection of < 1 lobe, partial lobectomy Col 6

Value	Description	N	%
0	No	344	27.2
1	Yes	17	1.3
	Missing	905	71.5

**LOBECTOMY** Type of surgery - Lobectomy Col 7

Value	Description	N	%
0	No	95	7.5
1	Yes	266	21
	Missing	905	71.5

**EXTENDLOBE** Type of surgery - Extended lobectomy Col 8

Value	Description	N	%
0	No	359	28.4
1	Yes	2	0.2
	Missing	905	71.5

**PNEUMONECT** Type of surgery - Pneumonectomy Col 9

Value	Description	N	%
0	No	346	27.3
1	Yes	15	1.2
	Missing	905	71.5

**EXTPNEUMON** Type of surgery - Extended pneumonectomy Col 10

Value	Description	N	%
0	No	361	28.5
1	Yes	0	0
	Missing	905	71.5

**RESECTNOS** Type of surgery - Resection of lung or other surgery, NOS Col 11

Value	Description	N	%
0	No	360	28.4
1	Yes	1	0.1
	Missing	905	71.5

**OTHSURG** Type of surgery - Other surgery Col 12

Value	Description	N	%
0	No	356	28.1
1	Yes	5	0.4
	Missing	905	71.5

**OTHSURGSPEC** Type of surgery - Other surgery, specify Col 13**N Missing**

5	1,261
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**SURGERYDY** Surgery days from diagnosis date Col 14**N Missing Min Max Mean StdDev**

359	907	0	508	21.749	47.744
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**SURGDTYPE** Surgery date type Col 15

Value	Description	N	%
1	Exact	355	28
2	Estimated	2	0.2
9	Unknown	2	0.2
	Missing	907	71.6

**MEDLNDIS** Mediastinal LN dissection Col 16

Value	Description	N	%
0	No	186	14.7
1	Yes	167	13.2
9	Unknown	6	0.5
	Missing	907	71.6

**TARGETTEST** Target tests performed as part of the diagnosis or treatment

Col 17

Value	Description	N	%
0	No	1,097	86.7
1	Yes	139	11
2	Recommended, unknown if done	1	0.1
9	Unknown	29	2.3

**EGFRTEST** EGFR test

Col 18

Value	Description	N	%
1	Yes	131	10.3
	Missing	1,135	89.7

**EGFRDY** EGFR test days from diagnosis date

Col 19

N	Missing	Min	Max	Mean	StdDev
127	1,139	-26	102	5.535	16.421

**EGFRTYPE** EGFR test date type

Col 20

Value	Description	N	%
1	Exact	127	10
2	Estimated	0	0
9	Unknown	3	0.2
	Missing	1,136	89.7

**EGFRRES** EGFR results

Col 21

Value	Description	N	%
0	Negative	86	6.8
1	Positive	38	3
2	Borderline	3	0.2
8	Other (specify)	3	0.2
9	Unknown	1	0.1
	Missing	1,135	89.7

**VEGFTEST** VEGF test

Col 22

Value	Description	N	%
	Missing	1,266	100

**VEGFDY** VEGF test days from diagnosis date

Col 23

**N Missing**

0 1,266

**VEGFDTTYPE** VEGF test date type

Col 24

Value	Description	N	%
1	Exact	0	0
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,266	100

**VEGFRES** VEGF results

Col 25

Value	Description	N	%
0	Negative	0	0
1	Positive	0	0
2	Borderline	0	0
8	Other	0	0
9	Unknown	0	0
	Missing	1,266	100

**VEGFRESSPEC** VEGF results other, specify

Col 26

**N Missing**

0 1,266

**ALKTEST** ALK test

Col 27

Value	Description	N	%
1	Yes	93	7.3
	Missing	1,173	92.7

**ALKDY** ALK test days from diagnosis date

Col 28

N	Missing	Min	Max	Mean	StdDev
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91	1,175	-15	365	14.407	48.645
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**ALKDTTYPE** ALK test date type

Col 29

Value	Description	N	%
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1	Exact	91	7.2
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2	Estimated	0	0
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9	Unknown	2	0.2
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	Missing	1,173	92.7
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**ALKRES** ALK test results

Col 30

Value	Description	N	%
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0	Negative	80	6.3
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1	Positive	6	0.5
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2	Borderline	3	0.2
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8	Other	2	0.2
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9	Unknown	2	0.2
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	Missing	1,173	92.7
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**KRASTEST** KRAS test

Col 31

Value	Description	N	%
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1	Yes	44	3.5
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	Missing	1,222	96.5
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**KRASDY** KRAS test days from diagnosis date

Col 32

N	Missing	Min	Max	Mean	StdDev
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44	1,222	0	508	17.341	76.812
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**KRASDTTYPE** KRAS test date type

Col 33

Value	Description	N	%
1	Exact	44	3.5
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,222	96.5

**KRASRES** KRAS results

Col 34

Value	Description	N	%
0	Negative	29	2.3
1	Positive	12	0.9
2	Borderline	1	0.1
8	Other	2	0.2
9	Unknown	0	0
	Missing	1,222	96.5

**KRASRESSPEC** KRAS results other, specify

Col 35

**N Missing**

2 1,264

**BRAFTEST** BRAF (V600E) test

Col 36

Value	Description	N	%
1	Yes	11	0.9
	Missing	1,255	99.1

**BRAFDY** BRAF test days from diagnosis date

Col 37

**N Missing Min Max Mean StdDev**

11 1,255 0 34 6.273 11.663

**BRAFDTYPE** BRAF date type

Col 38

Value	Description	N	%
1	Exact	11	0.9
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,255	99.1

**BRAFRES** BRAF results

Col 39

Value	Description	N	%
0	Negative	11	0.9
1	Positive	0	0
2	Borderline	0	0
8	Other	0	0
9	Unknown	0	0
	Missing	1,255	99.1

**BRAFRESSPEC** BRAF results other, specify

Col 40

**N Missing**

0 1,266

**KITTEST** KIT test

Col 41

Value	Description	N	%
1	Yes	3	0.2
	Missing	1,263	99.8

**KITDY** KIT test days from diagnosis date

Col 42

**N Missing Min Max Mean StdDev**

3 1,263 0 14 8 7.211



**KITDTTYPE** KIT test date type

Col 43

Value	Description	N	%
1	Exact	3	0.2
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,263	99.8

**KITRES** KIT results

Col 44

Value	Description	N	%
0	Negative	3	0.2
1	Positive	0	0
2	Borderline	0	0
8	Other	0	0
9	Unknown	0	0
	Missing	1,263	99.8

**KITRESSPEC** KIT results other, specify

Col 45

**N Missing**

0 1,266

**PDL1TEST** PDL1 test

Col 46

Value	Description	N	%
1	Yes	2	0.2
	Missing	1,264	99.8

**PDL1DY** PDL1 test days from diagnosis date

Col 47

**N Missing Min Max Mean StdDev**

2 1,264 0 34 17 24.042

**PDL1TTYPE** PDL1 test date type

Col 48

Value	Description	N	%
1	Exact	2	0.2
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,264	99.8

**PDL1RES** PDL1 results

Col 49

Value	Description	N	%
0	Negative	0	0
1	Positive	2	0.2
2	Borderline	0	0
8	Other (specify)	0	0
9	Unknown	0	0
	Missing	1,264	99.8

**PDL1OTHERRES** PDL1 other results

Col 50

**N Missing**

0 1,266

**ROS1TEST** ROS1 test

Col 51

Value	Description	N	%
1	Yes	3	0.2
	Missing	1,263	99.8

**ROS1DY** ROS1 days from diagnosis date

Col 52

**N Missing Min Max Mean StdDev**

3 1,263 0 34 11.333 19.63

**ROS1TYPE** ROS1 test date type

Col 53

Value	Description	N	%
1	Exact	3	0.2
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,263	99.8

**ROS1RES** ROS1 results

Col 54

Value	Description	N	%
0	Negative	3	0.2
1	Positive	0	0
2	Borderline	0	0
8	Other (specify)	0	0
9	Unknown	0	0
	Missing	1,263	99.8

**ROS1OTHERRES** ROS1 other results

Col 55

**N Missing**

0 1,266

**OTHTEST** Other test

Col 56

Value	Description	N	%
1	Yes	22	1.7
	Missing	1,244	98.3

**CHEMOTXSYS** Systemic chemotherapy and/or targeted or specialized therapy administered (first course) Col 57

Value	Description	N	%
0	No	564	44.5
1	Yes	548	43.3
2	Recommended, unknown if done	32	2.5
9	Unknown	122	9.6

**RADTHER** Radiation therapy first course

Col 58

Value	Description	N	%
0	No	632	49.9
1	Yes	471	37.2
2	Recommended, unknown if done	22	1.7
9	Unknown	140	11.1
	Missing	1	0.1

**CHEMORAD** Radiation given as part of chemoradiation

Col 59

Value	Description	N	%
0	No	283	22.4
1	Yes	138	10.9
9	Unknown	44	3.5
	Missing	801	63.3

**CHEMORADTYPE** Chemoradiation type

Col 60

Value	Description	N	%
1	Concurrent	127	10
2	Sequential	7	0.6
9	Unknown/not specified	4	0.3
	Missing	1,128	89.1

**RADTUMOR** Radiation site given - Primary tumor

Col 61

Value	Description	N	%
0	No	172	13.6
1	Yes	296	23.4
	Missing	798	63

**RADBONE** Radiation site given - Bone

Col 62

Value	Description	N	%
0	No	385	30.4
1	Yes	83	6.6
	Missing	798	63

**RADBRAIN** Radiation site given - Brain

Col 63

Value	Description	N	%
0	No	367	29
1	Yes	101	8
	Missing	798	63

**RADSITEOTH** Radiation site given - Other

Col 64

Value	Description	N	%
0	No	431	34
1	Yes	37	2.9
	Missing	798	63

**RADSITEUNK** Radiation site given - Unknown

Col 65

Value	Description	N	%
0	No	438	34.6
1	Yes	30	2.4
	Missing	798	63

**RADSITEOTHSPEC** Radiation site - Other, specify

Col 66

N	Missing
37	1,229

**RADEBRT** Type of radiation administered - External beam radiation (EBRT)

Col 67

Value	Description	N	%
0	No	30	2.4
1	Yes	437	34.5
	Missing	799	63.1

**RADINTERNAL** Type of radiation administered - Internal radiation

Col 68

Value	Description	N	%
0	No	464	36.7
1	Yes	3	0.2
	Missing	799	63.1

**RADTYPEOTH** Type of radiation administered - Other

Col 69

Value	Description	N	%
0	No	466	36.8
1	Yes	1	0.1
	Missing	799	63.1

**RADUNKNOWN** Type of radiation administered - Unknown

Col 70

Value	Description	N	%
0	No	428	33.8
1	Yes	39	3.1
	Missing	799	63.1

**RADTYPEOTHSPEC** Type of radiation administered - Other, specify

Col 71

N	Missing
2	1,264

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

Col 72

N	Missing	Min	Max	Mean	StdDev
435	831	-87	621	48.625	67.402

**RADSTARTTYPE** Radiation therapy start date type

Col 73

Value	Description	N	%
1	Exact	397	31.4
2	Estimated	40	3.2
9	Unknown	33	2.6
	Missing	796	62.9

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

Col 74

N	Missing	Min	Max	Mean	StdDev
420	846	-27	1,215	77.869	89.751

**RADENDTYPE** Radiation therapy end date type

Col 75

Value	Description	N	%
1	Exact	384	30.3
2	Estimated	38	3
9	Unknown	48	3.8
	Missing	796	62.9

**RADDOSE** Total dosage of radiation received

Col 76

N	Missing	Min	Max	Mean	StdDev
332	934	202.7	12,000	4,672.968	2,032.776

**RADDOSEUNKNOWN** Total dosage of radiation received - Unknown

Col 77

Value	Description	N	%
0	No	0	0
1	Yes	0	0
9	Unknown	138	10.9
	Missing	1,128	89.1

**BONEMEDS** Bone loss prevention meds

Col 78

Value	Description	N	%
0	No	1,027	81.1
1	Yes	41	3.2
2	Recommended, unknown if done	1	0.1
9	Unknown	197	15.6

**BONEALENDRO** Bone loss med - Alendronate

Col 79

Value	Description	N	%
0	No	39	3.1
1	Yes	1	0.1
	Missing	1,226	96.8

**BONECLODRO** Bone loss med - Clodronate

Col 80

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEDENOS** Bone loss med - Denosumab

Col 81

Value	Description	N	%
0	No	39	3.1
1	Yes	1	0.1
	Missing	1,226	96.8

**BONEETIDRO** Bone loss med - Etidronate

Col 82

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEIBANDRO** Bone loss med - Ibandronate

Col 83

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONENERIDO** Bone loss med - Neridronate

Col 84

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8



**BONEOLPADRO** Bone loss med - Olpadronate

Col 85

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEPAMIDRO** Bone loss med - Pamidronate

Col 86

Value	Description	N	%
0	No	36	2.8
1	Yes	4	0.3
	Missing	1,226	96.8

**BONERESEDRO** Bone loss med - Risedronate

Col 87

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONETILUDRO** Bone loss med - Tiludronate

Col 88

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEZOLEDRO** Bone loss med - Zoledronate

Col 89

Value	Description	N	%
0	No	6	0.5
1	Yes	34	2.7
	Missing	1,226	96.8

**BONEOTHER** Bone loss med - Other

Col 90

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEUNKNOWN** Bone loss med - Unknown

Col 91

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONESPECIFY** Bone loss med other specified

Col 92

**N Missing**

0 1,266

**BONEMEDORAL** Bone med admin route - Oral

Col 93

Value	Description	N	%
0	No	38	3
1	Yes	2	0.2
	Missing	1,226	96.8

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

Col 94

Value	Description	N	%
0	No	13	1
1	Yes	27	2.1
	Missing	1,226	96.8

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

Col 95

Value	Description	N	%
0	No	38	3
1	Yes	2	0.2
	Missing	1,226	96.8

**BONEMEDCOMBINED** Bone med admin route - Combined Col 96

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEMEDOTHER** Bone med admin route - Other Col 97

Value	Description	N	%
0	No	40	3.2
1	Yes	0	0
	Missing	1,226	96.8

**BONEMEDUNKNOWN** Bone med admin route - Unknown Col 98

Value	Description	N	%
0	No	31	2.4
1	Yes	9	0.7
	Missing	1,226	96.8

**BONEMEDSPECIFY** Bone med admin route - other specified Col 99**N Missing**

0	1,266
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**FPDY** First prescribed days from diagnosis date Col 100

N	Missing	Min	Max	Mean	StdDev
36	1,230	-12	3,637	157.389	608.997

**BONESTARTTYPE** Bone loss med start date type Col 101

Value	Description	N	%
1	Exact	34	2.7
2	Estimated	1	0.1
9	Unknown	4	0.3
	Missing	1,227	96.9

**LPDY** Last prescribed days from diagnosis date

Col 102

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
22	1,244	3	3,693	436.818	855.033

**BONEENDTYPE** Bone loss med end date type

Col 103

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	21	1.7
2	Estimated	1	0.1
9	Unknown	17	1.3
	Missing	1,227	96.9

**DISEASEFREE** Participant disease free

Col 104

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	806	63.7
1	Yes	370	29.2
9	Unknown	90	7.1

**DISEASEFREEDY** Disease free days from diagnosis date

Col 105

<b>N</b>	<b>Missing</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>StdDev</b>
370	896	-277	6,413	1,195.765	1,511.28

**RECURLUNG** New or recurrent invasive lung cancer tumor diagnosed after a documented disease free

Col 106

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
0	No	1,055	83.3
1	Yes	79	6.2
9	Unknown	132	10.4

**RECURLAT1** Recurrent invasive lung cancer 1: laterality

Col 107

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Ipsilateral	55	4.3
2	Contralateral	23	1.8
9	Unknown	1	0.1
	Missing	1,187	93.8

**RECURHIST1** Recurrent invasive lung cancer 1: histology

Col 108

Value	Description	N	%
1	Same	26	2.1
2	Different	30	2.4
9	Unknown	22	1.7
	Missing	1,188	93.8

**RECURHISTCODE1** Recurrent invasive lung cancer 1: histology, specify Col 109**N Missing**

57 1,209

**RECURDY1** Recurrent invasive lung cancer 1 days from diagnosis date Col 110

N	Missing	Min	Max	Mean	StdDev
79	1,187	89	5,306	1,475.278	1,400.47

**RECURDATETYPE1** Recurrent invasive lung cancer 1 date type

Col 111

Value	Description	N	%
1	Exact	76	6
2	Estimated	2	0.2
9	Unknown	0	0
	Missing	1,188	93.8

**RECURLAT2** Recurrent invasive lung cancer 2: laterality

Col 112

Value	Description	N	%
1	Ipsilateral	1	0.1
2	Contralateral	0	0
9	Unknown	0	0
	Missing	1,265	99.9

**RECURHIST2** Recurrent invasive lung cancer 2: histology

Col 113

Value	Description	N	%
1	Same	0	0
2	Different	1	0.1
9	Unknown	0	0
	Missing	1,265	99.9

**RECURHISTCODE2** Recurrent invasive lung cancer 2: histology, specify Col 114**N Missing**

1	1,265
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**RECURDY2** Recurrent invasive lung cancer 2 days from diagnosis date Col 115**N Missing Min Max Mean StdDev**

1	1,265	626	626	626	NaN
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**RECURDATETYPE2** Recurrent invasive lung cancer 2 date type

Col 116

Value	Description	N	%
1	Exact	1	0.1
2	Estimated	0	0
9	Unknown	0	0
	Missing	1,265	99.9

**METASTASIS** Metastasis occur outside the primary lung after a documented disease free

Col 117

Value	Description	N	%
0	No	1,056	83.4
1	Yes	75	5.9
9	Unknown	134	10.6
	Missing	1	0.1

**METSADGLAND** Metastasis site - Adrenal glands

Col 118

Value	Description	N	%
0	No	74	5.8
1	Yes	2	0.2
	Missing	1,190	94

**METSBONE** Metastasis site - Bone

Col 119

Value	Description	N	%
0	No	53	4.2
1	Yes	23	1.8
	Missing	1,190	94

**METSBRAIN** Metastasis site - Brain

Col 120

Value	Description	N	%
0	No	61	4.8
1	Yes	15	1.2
	Missing	1,190	94

**METSCONTRALUNG** Metastasis site - Contralateral lung

Col 121

Value	Description	N	%
0	No	62	4.9
1	Yes	14	1.1
	Missing	1,190	94

**METSLIVER** Metastasis site - Liver

Col 122

Value	Description	N	%
0	No	64	5.1
1	Yes	12	0.9
	Missing	1,190	94

**METSREGLYMPH** Metastasis site - Regional lymph node(s)

Col 123

Value	Description	N	%
0	No	61	4.8
1	Yes	15	1.2
	Missing	1,190	94

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

Col 124

Value	Description	N	%
0	No	69	5.5
1	Yes	7	0.6
	Missing	1,190	94

**METSOTHER** Metastasis site - Other

Col 125

Value	Description	N	%
0	No	54	4.3
1	Yes	22	1.7
	Missing	1,190	94

**METSUNK** Metastasis site - Unknown

Col 126

Value	Description	N	%
0	No	76	6
1	Yes	0	0
	Missing	1,190	94

**METSSPECIFY** Metastasis site - Other, specify

Col 127

N	Missing
22	1,244

**METSDY** Metastasis dx days from diagnosis date

Col 128

N	Missing	Min	Max	Mean	StdDev
74	1,192	46	4,737	778.703	746.019



**METS DATETYPE** Metastasis dx date type

Col 129

<b>Value</b>	<b>Description</b>	<b>N</b>	<b>%</b>
1	Exact	69	5.5
2	Estimated	4	0.3
9	Unknown	1	0.1
	Missing	1,192	94.2