

Rare cancers are those with an incidence rate $\leq 6/100,000$

Layer	Tumour	Rate x 100,000	Patients
1	EPITHELIAL TUMOURS OF THE NASAL CAVITY and SINUSES	0.44	3,594
2	Squamous cell carcinoma and variants of the Nasal Cavity and Sinuses	0.31	2,515
3	Squamous carcinoma	0.24	1,708
3	Verrucous carcinoma	0.01	35
3	Squamous cell carcinoma spindle cell	0.00	6
3	Papillary squamous cell carcinoma	0.00	8
3	Basaloid carcinoma	0.00	10
3	Adenosquamous carcinoma	0.00	13
3	Squamous cell carcinoma, adenoid	0.00	3
3	Basaloid squamous cell carcinoma	NE	0
3	Spindle cell carcinoma	NE	0
2	Lymphoepithelial carcinoma of the Nasal Cavity and Sinuses	0.00	20
2	Undifferentiated carcinoma of the Nasal Cavity and Sinuses	0.02	142
2	Intestinal type adenocarcinoma the Nasal Cavity and Sinuses	0.00	20
1	EPITHELIAL TUMOURS OF THE NASOPHARYNX	0.45	3,618
2	Squamous cell carcinoma and variants of the Nasopharynx	0.33	2,657
3	Squamous carcinoma	0.112	1,156
3	Squamous cell carcinoma non keratinizing, NOS	0.001	144
3	Squamous cell carcinoma keratinizing, NOS	0.016	111
3	Papillary squamous cell carcinoma	0.001	7
3	Basaloid squamous cell carcinoma	NE	0
3	Squamous cell carcinoma, adenoid	0.00	1
3	Lymphoepithelial carcinoma	0.057	405
3	Undifferentiated carcinoma	0.064	457
2	Papillary adenocarcinoma of the Nasopharynx	0.00	7
1	EPITHELIAL TUMOURS OF THE MAJOR SALIVARY GLANDS and SALIVARY-GLAND TYPE TUMOURS	1.31	10,633

2	Epithelial tumours of the major salivary glands	0.73	5,919
3	Squamous carcinoma	0.119	851
3	Large cell carcinoma	0.005	34
3	Lymphoepithelial carcinoma	0.003	18
3	Carcinosarcoma, NOS	0.001	9
3	Adenocarcinoma NOS	0.138	988
3	Clear cell adenocarcinoma, NOS	0.003	18
3	Mucinous adenocarcinoma	0.003	22
3	Ductal carcinoma	0.011	80
3	Oxyphilic adenocarcinoma	0.004	27
3	Papillary cystadenocarcinoma, NOS	0.001	4
3	Adenoid cystic carcinoma	0.115	825
3	Mucoepidermoid carcinoma	0.114	815
3	Acinic cell adenocarcinoma	0.089	638
3	Malignant myoepithelioma	0.001	10
3	Carcinoma in pleomorphic adenoma	0.019	136
3	Polymorphous low grade adenocarcinoma	0.00	2
3	Basal cell adenocarcinoma	0.006	42
3	Epithelial-myoepithelial carcinoma	0.017	121
3	Sebaceous adenocarcinoma	NE	0
3	Cystadenocarcinoma, NOS	NE	0
3	Low grade cribriform cystadenocarcinoma	NE	0
2	Salivary gland type tumours of the Head and Neck	0.43	3,492
3	Mucoepidermoid carcinoma	0.05	354
3	Adenocarcinoma NOS	0.046	327
3	Adenoid cystic carcinoma	0.041	296
3	Acinic cell adenocarcinoma	0.006	40
3	Ductal carcinoma	NE	0
3	Mucinous adenocarcinoma	0.002	12
3	Basal cell adenocarcinoma	0.002	12
3	Clear cell adenocarcinoma, NOS	0.002	11
3	Epithelial-myoepithelial carcinoma	0.001	9
3	Polymorphous low grade adenocarcinoma	0.001	5
3	Carcinoma in pleomorphic adenoma	0.001	5
3	Malignant myoepithelioma	NE	0

3	Cystadenocarcinoma, NOS	NE	0
3	Oncocytic carcinoma	0.00	3
3	Myoepithelial carcinoma	NE	0
3	Papillary cystadenocarcinoma, NOS	NE	0
1	EPITHELIAL TUMOURS OF THE HYPOPHARYNX AND LARYNX	6.29	51,000
2	Squamous cell carcinoma and variants of the Hypopharynx	1.19	9,633
3	Squamous carcinoma	0.415	2,967
3	Lymphoepithelial carcinoma	0.001	10
3	Verrucous carcinoma	0.001	5
3	Squamous cell carcinoma spindle cell	0.001	6
3	Giant cell carcinoma	NE	0
3	Basaloid carcinoma	0.001	8
3	Adenosquamous carcinoma	0.001	8
3	Squamous cell carcinoma, adenoid	0.00	2
3	Undifferentiated carcinoma	0.006	40
3	Papillary squamous cell carcinoma	0.001	4
3	Basaloid squamous cell carcinoma	NE	0
2	Squamous cell carcinoma and variants of the Larynx	4.67	37,851
3	Squamous carcinoma	3.597	25,720
3	Verrucous carcinoma	0.048	344
3	Squamous cell carcinoma spindle cell	0.01	71
3	Papillary squamous cell carcinoma	0.006	42
3	Adenosquamous carcinoma	0.006	42
3	Basaloid carcinoma	0.004	26
3	Squamous cell carcinoma, adenoid	0.001	8
3	Undifferentiated carcinoma	0.012	83
3	Lymphoepithelial carcinoma	0.001	8
3	Giant cell carcinoma	NE	0
3	Basaloid squamous cell carcinoma	0.001	5
1	EPITHELIAL TUMOURS OF THE OROPHARYNX	2.75	22,337
2	Squamous cell carcinoma and variants of the Oropharynx	2.59	21,012
3	Squamous carcinoma	1.812	12,958
3	Lymphoepithelial carcinoma	0.009	61
3	Verrucous carcinoma	0.006	46
3	Squamous cell carcinoma spindle cell	0.003	19

3	Papillary squamous cell carcinoma	0.003	22
3	Basaloid carcinoma	0.002	17
3	Squamous cell carcinoma, adenoid	0.001	5
3	Basaloid squamous cell carcinoma	0.001	8
3	Adenosquamous carcinoma	0.004	31
3	Undifferentiated carcinoma	0.013	91
1	EPITHELIAL TUMOURS OF THE ORAL CAVITY and LIP	4.8	38,892
2	Squamous cell carcinoma and variants of the Oral cavity	3.3	26,720
3	Squamous carcinoma	2.487	17,784
3	Verrucous carcinoma	0.057	411
3	Squamous cell carcinoma spindle cell	0.004	32
3	Adenosquamous carcinoma	0.004	28
3	Papillary squamous cell carcinoma	NE	0
3	Basaloid carcinoma	0.002	17
3	Squamous cell carcinoma, adenoid	0.001	6
3	Basaloid squamous cell carcinoma	0.001	6
3	Lymphoepithelial carcinoma	0.001	5
3	Undifferentiated carcinoma	0.013	93
2	Squamous cell carcinoma and variants of the Lip	1.22	9,894
3	Squamous carcinoma	1.212	8,667
1	EPITHELIAL TUMOURS OF THE OESOPHAGUS	7.49	60,723
2	Squamous cell carcinoma and variants of the Oesophagus	3.39	27,525
3	Squamous carcinoma	2.802	20,038
3	Adenosquamous carcinoma	0.038	270
3	Squamous cell carcinoma spindle cell	0.004	31
3	Basaloid carcinoma	0.004	30
3	Verrucous carcinoma	0.002	13
3	Papillary squamous cell carcinoma	0.001	6
3	Basaloid squamous cell carcinoma	0.001	6
3	Squamous cell carcinoma, adenoid	0.001	5
2	Adenocarcinoma and variants of the Oesophagus	2.83	22,986
2	Salivary gland type tumours of the Oesophagus	0.01	47
3	Mucoepidermoid carcinoma	0.003	18
3	Adenoid cystic carcinoma	0.001	7

2	Undifferentiated carcinoma of the Oesophagus	0.07	595
1	EPITHELIAL TUMOURS OF THE STOMACH	18.66	151,346
2	Adenocarcinoma and variants of the Stomach	15.27	123,800
3	Adenocarcinoma, NOS	9.366	72,580
3	Adenocarcinoma intestinal type	1.743	13,503
3	Signet ring cell carcinoma	1.612	12,494
3	Carcinoma diffuse type	0.754	5,843
3	Mucinous adenocarcinoma	0.611	4,735
3	Tubular adenocarcinoma	0.31	2,399
3	Papillary adenocarcinoma, NOS	0.071	549
3	Adenosquamous carcinoma	0.024	186
2	Squamous cell carcinoma and variants of the Stomach	0.13	1,049
3	Squamous carcinoma	0.102	788
3	Squamous cell carcinoma spindle cell	0.00	1
3	Basaloid carcinoma	0.00	1
3	Verrucous carcinoma	0.00	1
3	Squamous cell carcinoma, adenoid	0.00	1
3	Papillary squamous cell carcinoma	NE	0
2	Salivary gland type tumours of the Stomach	0.01	41
3	Mucoepidermoid carcinoma	0.002	13
3	Adenoid cystic carcinoma	0.002	12
2	Undifferentiated carcinoma of the Stomach	0.17	1,361
1	EPITHELIAL TUMOURS OF THE SMALL INTESTINE	0.73	5,882
2	Adenocarcinoma and variants of the Small Intestine	0.57	4,615
3	Adenocarcinoma, NOS	0.47	3
3	Mucinous adenocarcinoma	0.04	281
3	Signet ring cell carcinoma	0.01	72
3	Adenosquamous carcinoma	0.001	6
3	Medullary carcinoma, NOS	NE	0
3	Undifferentiated carcinoma	0.11	77
2	Squamous cell carcinoma and variants of the Small Intestine	0.01	51
3	Squamous carcinoma	0.001	14
1	EPITHELIAL TUMOURS OF THE COLON	42.78	346,910
2	Adenocarcinoma and variants of the Colon	37.36	302,918

3	Adenocarcinoma NOS	25.828	200,140
3	Mucinous adenocarcinoma	2.843	22,033
3	Signet ring cell carcinoma	0.185	1,436
3	Adenosquamous carcinoma	0.015	114
3	Undifferentiated carcinoma	0.064	456
3	Medullary carcinoma, NOS	0.00	2
2	Squamous cell carcinoma and variants of the Colon	0.02	170
1	EPITHELIAL TUMOURS OF THE RECTUM	17.12	138,806
2	Adenocarcinoma and variants of the Rectum	15.52	125,890
3	Adenocarcinoma NOS	15.108	117,075
3	Mucinous adenocarcinoma	0.958	7,428
3	Signet ring cell carcinoma	0.066	511
3	Adenosquamous carcinoma	0.009	66
3	Undifferentiated carcinoma	0.017	125
3	Medullary carcinoma, NOS	0.00	1
2	Squamous cell carcinoma and variants of the Rectum	0.07	600
3	Verrucous carcinoma	0.001	4
2	Basaloid carcinoma of the Rectum	0.02	123
1	EPITHELIAL TUMOURS OF THE ANAL CANAL	1.1	8,922
2	Squamous cell carcinoma and variants of the Anal Canal	0.61	4,982
3	Verrucous carcinoma	0.009	62
3	Undifferentiated carcinoma	0.005	35
2	Adenocarcinoma and variants of the Anal Canal	0.26	2,098
3	Mucinous adenocarcinoma	0.022	157
2	Basaloid carcinoma of the Anal Canal	0.12	993
2	Paget disease of the Anal Canal	0.00	32
1	EPITHELIAL TUMOURS OF THE PANCREAS	11.82	95,836
2	Adenocarcinoma and variants of the Pancreas	7.58	61,459
3	Adenocarcinoma NOS	4.03	28,815
3	Mucinous adenocarcinoma	0.27	1,932
3	Undifferentiated carcinoma	0.071	510
3	Signet ring cell carcinoma	0.023	162
3	Adenosquamous carcinoma	0.021	150
2	Squamous cell carcinoma and variants of the Pancreas	0.03	211

2	Acinar cell carcinoma of the Pancreas	0.02	175
2	Mucinous cystadenocarcinoma of the Pancreas	0.01	65
2	Intraductal papillary mucinous carcinoma invasive of the Pancreas	0.00	5
2	Solid pseudopapillary carcinoma of the Pancreas	0.00	6
2	Serous cystadenocarcinoma of the Pancreas	0.00	1
2	Carcinoma with osteoclast-like giant cells of the Pancreas	NE	0
1	EPITHELIAL TUMOURS OF THE LIVER and INTRAEPATIC BILE TRACT (IBT)	6.28	50,933
2	Hepatocellular carcinoma of the Liver and IBT	3.1	25,123
3	Combined hepatocellular carcinoma and cholangiocarcinoma	0.046	327
3	Hepatocellular carcinoma, fibrolamellar	0.009	61
2	Cholangiocarcinoma of the IBT	0.83	6,761
2	Adenocarcinoma and variants of the Liver and IBT	0.21	1,688
2	Undifferentiated carcinoma of the Liver and IBT	0.02	131
2	Squamous cell carcinoma and variants of the Liver and IBT	0.01	92
2	Bile duct cystadenocarcinoma of the IBT	0.00	14
1	EPITHELIAL TUMOURS OF THE GALLBLADDER and EXTRAHEPATIC BILIARY TRACT (EBT)	4.42	35,840
2	Adenocarcinoma and variants of the Gallbladder and EBT	2.64	21,403
3	Cholangiocarcinoma	0.083	643
3	Papillary adenocarcinoma, NOS	0.075	539
3	Adenocarcinoma intestinal type	0.003	24
3	Mucinous adenocarcinoma	0.092	657
3	Clear cell adenocarcinoma, NOS	0.003	23
3	Signet ring cell carcinoma	0.022	156
3	Adenosquamous carcinoma	0.034	240
3	Undifferentiated carcinoma	0.039	281
3	Bile duct cystadenocarcinoma	0.00	2
2	Combined hepatocellular carcinoma and cholangiocarcinoma of the Gallbladder and EBT	0.00	14
2	Squamous cell carcinoma of the Gallbladder and EBT	0.04	293
1	EPITHELIAL TUMOUR OF THE TRACHEA	0.13	1,090
2	Squamous cell carcinoma and variants of the Trachea	0.08	663
3	Squamous carcinoma	0.064	459
3	Papillary squamous cell carcinoma	0.00	2
3	Basaloid squamous cell carcinoma	NE	0
3	Squamous cell carcinoma clear cell type	NE	0

3	Verrucous carcinoma	NE	0
3	Squamous cell carcinoma, adenoid	NE	0
3	Spindle cell carcinoma	0.00	2
3	Adenosquamous carcinoma	0.001	5
3	Lymphoepithelial carcinoma	NE	0
3	Giant cell carcinoma	NE	0
3	Undifferentiated carcinoma	0.002	16
2	Adenocarcinoma and variants of the Trachea	0.01	108
3	Adenocarcinoma NOS	0.012	87
3	Mucinous adenocarcinoma	0.00	3
3	Papillary adenocarcinoma, NOS	0.00	1
3	Solid carcinoma, NOS	0.001	4
3	Clear cell adenocarcinoma, NOS	0.00	1
3	Acinic cell adenocarcinoma	NE	0
3	Signet ring cell carcinoma	NE	0
3	Mucinous cystadenocarcinoma, NOS	NE	0
2	Salivary gland type tumours of the Trachea	0.01	79
3	Adenoid cystic carcinoma	0.009	64
3	Mucoepidermoid carcinoma	0.001	6
3	Myoepithelial carcinoma	0.00	1
1	EPITHELIAL TUMOUR OF THE LUNG	56.1	454,883
2	Squamous cell carcinoma and variants of the Lung	13.5	109,474
3	Squamous carcinoma	12.798	91,514
3	Papillary squamous cell carcinoma	0.005	37
3	Basaloid squamous cell carcinoma	0.001	9
3	Squamous cell carcinoma small cell non keratinizing	0.026	184
3	Squamous cell carcinoma clear cell type	0.00	1
2	Adenocarcinoma and variants of the Lung	10.33	83,764
3	Adenocarcinoma NOS	9.363	66,947
3	Mucinous adenocarcinoma	0.108	773
3	Papillary adenocarcinoma, NOS	0.137	980
3	Solid carcinoma, NOS	0.024	174
3	Clear cell adenocarcinoma, NOS	0.053	378
3	Acinic cell adenocarcinoma	0.047	337
3	Signet ring cell carcinoma	0.02	145

3	Adenosquamous carcinoma	0.283	2
3	Mucinous cystadenocarcinoma, NOS	0.00	2
3	Adenocarcinoma with mixed subtypes	0.00	1
3	Fetal adenocarcinoma	NE	0
2	Large cell carcinoma of the Lung	4.01	32,526
2	Well diff endocrine carc of the lung	0.63	5,121
2	Poorly differentiated endocrine carcinoma of the Lung	7.68	62,293
3	Small cell endocrine carcinoma of the Lung	7.485	53,513
3	Large cell endocrine carcinoma of the Lung	2.357	16,856
2	Bronchiolo-alveolar carcinoma of the Lung	0.69	5,566
3	Bronchiolo-alveolar carcinoma, mucinous	0.002	11
3	Bronchiolo-alveolar carcinoma, non mucinous	0.001	9
3	Bronchiolo-alveolar carcinoma, mixed mucinous and non-mucinous	0.001	4
2	Salivary gland type tumours of the Lung	0.04	358
3	Adenoid cystic carcinoma	0.016	117
3	Mucoepidermoid carcinoma	0.024	174
3	Myoepithelial carcinoma	0.00	2
2	Sarcomatoid carcinoma of the Lung	0.14	1,137
3	Sarcomatoid carcinoma	0.018	124
3	Pleomorphic carcinoma	0.032	226
3	Giant cell carcinoma	0.034	245
3	Carcinosarcoma, NOS	0.023	168
3	Spindle cell carcinoma	0.02	145
2	Undifferentiated carcinoma of the Lung	0.98	7,951
1	EPITHELIAL TUMOURS OF THE THYMUS	0.17	1,364
2	Malignant thymoma	0.14	1,119
3	Thymoma, malignant, NOS	0.123	880
3	Malignant thymoma, type AB	0.001	8
3	Malignant thymoma, type A	0.00	1
3	Malignant thymoma, type B	0.002	16
3	Malignant thymoma, type C	0.002	11
2	Squamous cell carcinoma of the Thymus	0.00	38
2	Undifferentiated carcinoma of the Thymus	0.00	20
2	Lymphoepithelial carcinoma of the Thymus	0.00	6

2	Adenocarcinoma and variants of the Thymus	0.00	16
3	Adenocarcinoma NOS	0.001	6
3	Papillary adenocarcinoma, NOS	0.00	2
1	EPITHELIAL TUMOURS OF THE BREAST	64.03	519,188
2	Invasive ductal carcinoma of the Breast	40.43	327,855
2	Invasive lobular carcinoma of the Breast	7.24	58,726
3	Classic type	6.744	52,261
3	Pleomorphic carcinoma	0.018	138
2	Mammary Paget's disease of the Breast	0.51	4,135
2	Special types of adenocarcinoma of the Breast	3.58	28,997
3	Tubular adenocarcinoma	1.35	10,463
3	Mucinous carcinoma	1.186	9,188
3	Medullary carcinoma, NOS	0.464	3,597
3	Papillary adenocarcinoma, NOS	0.384	2,979
3	Cribriform carcinoma	0.162	1,253
3	Apocrine adenocarcinoma	0.061	470
3	Secretory carcinoma	0.005	41
3	Glycogen-rich clear cell carcinoma	0.002	14
3	Lipid-rich carcinoma	0.001	7
3	Oncocytic carcinoma	0.00	1
2	Metaplastic carcinoma of the Breast	0.06	495
3	Squamous carcinoma	0.039	299
3	Adenosquamous carcinoma	0.009	73
3	Adenocarcinoma with cartilaginous and osseous metaplasia	0.006	43
3	Adenocarcinoma with spindle cell metaplasia	0.005	37
2	Salivary gland type tumours of the Breast	0.05	426
3	Mucoepidermoid carcinoma	0.002	16
3	Adenoid cystic carcinoma	0.033	252
3	Myoepithelial carcinoma	0.005	38
3	Acinic cell adenocarcinoma	0.014	112
2	Epithelial tumour of the Male Breast	0.97	3,835
1	EPITHELIAL TUMOURS OF THE CORPUS UTERI	10.42	84,500
2	Adenocarcinoma and variants of the Corpus Uteri	9.54	77,394
3	Adenocarcinoma NOS	5.154	39,939

3	Endometrioid adenocarcinoma, NOS	2.464	19,095
3	Adenosquamous carcinoma	0.337	2,614
3	Clear cell adenocarcinoma, NOS	0.122	944
3	Serous cystadenocarcinoma, NOS	0.099	768
3	Mucinous adenocarcinoma	0.075	580
3	Mixed cell adenocarcinoma	0.004	34
3	Endometrioid adenocarcinoma secretory variant	0.002	15
3	Villous adenocarcinoma	0.002	16
3	Endometrioid adenocarcinoma ciliated cell variant	0.00	1
2	Squamous cell carcinoma and variants of the Corpus Uteri	0.12	945
2	Adenoid cystic carcinoma of the Corpus Uteri	0.00	11
2	Transitional cell carcinoma of the Corpus Uteri	0.00	1
1	EPITHELIAL TUMOURS OF THE CERVIX UTERI	6.07	49,259
2	Squamous cell carcinoma and variants of the Cervix Uteri	4.28	34,703
3	Squamous carcinoma	2.71	20,997
3	Squamous cell carcinoma non keratinizing, NOS	0.369	2,862
3	Squamous cell carcinoma keratinizing, NOS	0.367	2,846
3	Papillary squamous cell carcinoma	0.009	68
3	Papillary carcinoma, NOS	0.003	26
3	Verrucous/Warty carcinoma	0.003	25
3	Basaloid carcinoma	0.003	23
3	Squamous cell carcinoma spindle cell	0.002	12
3	Lymphoepithelial carcinoma	0.001	9
3	Transitional cell carcinoma, NOS	0.001	9
3	Glassy cell carcinoma	0.00	1
2	Adenocarcinoma and variants of the Cervix Uteri	1.01	8,198
3	Adenocarcinoma NOS	0.618	4,791
3	Adenocarcinoma with squamous metaplasia	0.154	1,191
3	Mucinous adenocarcinoma	0.036	272
3	Clear cell adenocarcinoma, NOS	0.025	197
3	Endometrioid adenocarcinoma, NOS	0.019	147
3	Serous cystadenocarcinoma, NOS	0.004	28
3	Signet ring cell carcinoma	0.002	13
3	Mesonephroma malignant	0.002	16
3	Villous adenocarcinoma	0.001	8

3	Mucinous adenocarcinoma, endocervical type	0.00	2
3	Adenocarcinoma intestinal type	0.00	3
3	Mixed cell adenocarcinoma	0.00	3
2	Undifferentiated carcinoma of the Cervix Uteri	0.03	203
1	MIXED EPITHELIAL AND MESENCHYMAL TUMOURS OF THE UTERUS	0.45	3,613
2	Mixed epithelial and mesenchymal tumours of the uterus	0.45	3,613
1	EPITHELIAL TUMOURS OF THE OVARY and OF THE FALLOPIAN TUBE	9.41	76,284
2	Adenocarcinoma and variants of the Ovary	5.97	48,410
3	Serous cystadenocarcinoma, NOS	2.539	19,681
3	Adenocarcinoma NOS	1.435	11,122
3	Endometrioid adenocarcinoma, NOS	0.812	6,294
3	Papillary adenocarcinoma, NOS	0.322	2,502
3	Serous surface papillary carcinoma	0.111	863
3	Endometrioid adenofibroma malignant	0.017	133
3	Clear cell adenocarcinofibroma	0.001	6
3	Serous adenocarcinofibroma	0.001	8
3	Mucinous adenocarcinofibroma	0.00	1
2	Mucinous adenocarcinoma of the Ovary	0.84	6,852
2	Clear cell adenocarcinoma of the Ovary	0.32	2,622
2	Adenocarcinoma and variants of the Fallopian Tube	0.27	2,168
3	Adenocarcinoma NOS	0.078	558
3	Papillary serous cystadenocarcinoma	0.029	204
3	Serous cystadenocarcinoma, NOS	0.014	102
3	Papillary adenocarcinoma, NOS	0.021	147
1	NON EPITHELIAL TUMOURS OF THE OVARY	0.43	3,513
2	Mixed epithelial/mesenchymal tumours of the Ovary	0.16	1,270
3	Mullerian mixed tumour	0.149	1,154
3	Adenosarcoma	0.001	6
2	Sex cord tumours of the Ovary	0.13	1,088
3	Granulosa cell tumour malignant	0.108	840
3	Sertoli-Leydig cell tumour poorly differentiated	0.002	17
3	Steroid cell tumour, malignant	0.00	1
2	Malignant/Immature Teratomas of the Ovary	0.07	548
3	Teratoma, malignant, NOS	0.049	379

3	Struma ovarii, malignant	0.002	17
3	Primitive neuroectodermal tumour, NOS	0.00	1
3	Ependymoma	NE	0
3	Medulloepithelioma, NOS	NE	0
3	Glioblastoma	NE	0
3	Sebaceous adenocarcinoma	NE	0
2	Germ cell tumour of the Ovary	0.07	607
3	Dysgerminoma/Seminoma	0.035	269
3	Yolk sac tumour	0.021	159
3	Mixed germ cell tumour	0.004	32
3	Embryonal adenocarcinoma	0.003	24
3	Choriocarcinoma, NOS	0.002	14
3	Polyembryoma	0.001	4
1	EPITHELIAL TUMOURS OF THE VULVA & VAGINA	1.91	15,522
2	Squamous cell carcinoma and variants of the Vulva and Vagina	1.5	12,186
2	Adenocarcinoma and variants of the Vulva and Vagina	0.08	629
2	Paget disease of the Vulva and Vagina	0.05	414
2	Undifferentiated carcinoma of the Vulva and Vagina	0.01	65
1	TROPHOBLASTIC TUMOUR OF THE PLACENTA	0.02	192
2	Choriocarcinoma of the Placenta	0.02	192
1	EPITHELIAL TUMOURS OF THE PROSTATE	47.94	388,741
2	Adenocarcinoma and variants of the Prostate	40.57	328,962
3	Adenocarcinoma NOS	36.955	286,363
3	Acinic cell adenocarcinoma	0.464	3,594
3	Mucinous adenocarcinoma	0.025	193
3	Signet ring cell carcinoma	0.01	76
3	Adenocarcinoma with neuroendocrine differentiation	0.00	2
3	Oxyphilic adenocarcinoma	0.00	1
3	Spindle cell carcinoma	NE	0
3	Lymphoepithelial carcinoma	NE	0
2	Squamous cell carcinoma and variants of the Prostate	0.11	910
3	Squamous carcinoma	0.015	110
3	Adenosquamous carcinoma	0.001	11
2	Infiltrating duct carcinoma of the Prostate	0.47	3,819

3	Cribriform carcinoma	0.361	2,801
3	Solid carcinoma, NOS	0.029	223
3	Papillary adenocarcinoma, NOS	0.014	108
2	Transitional cell carcinoma of the Prostate	0.06	518
2	Salivary gland type tumours of the Prostate	0.00	13
3	Adenoid cystic carcinoma	0.001	9
3	Basaloid carcinoma	NE	0
3	Basal cell adenocarcinoma	NE	0
1	TUMOURS OF THE TESTIS and PARATESTIS	3.15	25,510
2	Adenocarcinoma and variants of the paratestis	0.00	12
3	Endometrioid adenocarcinoma, NOS	0.00	1
3	Clear cell adenocarcinoma, NOS	NE	0
3	Serous cystadenocarcinoma, NOS	NE	0
3	Mucinous cystadenocarcinoma, NOS	NE	0
3	Collecting duct and rete testis carcinoma	NE	0
3	Transitional cell carcinoma, NOS	NE	0
2	Malignant/Immature Teratomas of the Testis	0.83	6,748
3	Mixed germ cell tumour	0.214	1,659
3	Teratocarcinoma	0.104	807
3	Choriocarcinoma combined with other germ cell elements	0.034	266
3	Teratoma with malignant transformation	0.001	10
2	Germ cell tumour Seminomatous of the Testis	1.74	14,089
3	Seminoma, NOS	1.673	12,970
3	Spermatocytic seminoma	0.027	213
2	Germ cell tumour non Seminomatous of the Testis	0.36	2,935
3	Embryonal adenocarcinoma, NOS	0.272	2,106
3	Yolk sac tumour	0.05	388
2	Trophoblastic Tumours of the Testis	0.02	140
3	Choriocarcinoma, NOS	0.014	110
2	Sex Cord Tumours of the Testis	0.02	178
3	Leydig cell tumour malignant	0.014	105
3	Sertoli cell carcinoma	0.003	27
3	Malignant sex cord/gonadal stromal tumours	NE	0
1	EPITHELIAL TUMOURS OF THE PENIS	0.62	5,058

2	Squamous cell carcinoma and variants of the Penis	0.57	4,649
3	Squamous carcinoma	0.432	3
3	Verrocous carcinoma	0.036	257
3	Squamous cell carcinoma, sarcomatoid	0.001	7
3	Adenosquamous carcinoma	0.00	2
3	Basaloid carcinoma	NE	0
2	Adenocarcinoma and variants of the Penis	0.00	40
3	Extramammary Paget disease	0.003	19
3	Sebaceous adenocarcinoma	NE	0
3	Papillary adenocarcinoma, NOS	0.001	6
3	Mixed tumour malignant, NOS	NE	0
3	Clear cell adenocarcinoma, NOS	NE	0
3	Basal cell adenocarcinoma	NE	0
1	EPITELIAL TUMOURS OF THE KIDNEY	10.56	85,671
2	Renal cell carcinoma and variants	8.36	67,788
3	Adenocarcinoma NOS	0.477	3
3	Renal cell adenocarcinoma	5.116	39,640
3	Clear cell adenocarcinoma, NOS	1.988	15,402
3	Papillary adenocarcinoma, NOS	0.136	1,049
3	Renal cell carcinoma chromophobe type	0.017	132
3	Collecting duct carcinoma	0.002	14
3	Xp translocation carcinoma	NE	0
3	Carcinoma associated with neuroblastoma	NE	0
3	Renal medullary carcinoma	NE	0
3	Mucinous tubular and spindle cell carcinoma	NE	0
2	Squamous cell carcinoma spindle cell type of the Kidney	0.01	56
2	Squamous cell carcinoma and variants of the Kidney	0.04	284
1	EPITHELIAL TUMOURS OF THE PELVIS, URETER and URETHRA	1.59	12,888
2	Transitional cell carcinoma of the Pelvis, Ureter and Urethra	1.37	11,139
3	Undifferentiated carcinoma	0.005	39
3	Transitional cell carcinoma spindle cell	0.001	5
3	Lymphoepithelioma-like carcinoma	NE	0
3	Transitional cell carcinoma, giant cell	NE	0
3	Transitional cell carcinoma, micropapillary	NE	0

2	Squamous cell carcinoma and variants of the Pelvis, Ureter and Urethra	0.05	417
3	Verrucous carcinoma	0.00	2
2	Adenocarcinoma and variants of the Pelvis, Ureter and Urethra	0.04	301
3	Mucinous adenocarcinoma	0.001	7
3	Clear cell adenocarcinoma, NOS	NE	0
3	Signet ring cell carcinoma	NE	0
2	Salivary gland-type tumours of the Pelvis, Ureter and Urethra	0.00	2
3	Basaloid carcinoma	0.00	2
3	Adenoid cystic carcinoma	NE	0
3	Mucoepidermoid carcinoma	NE	0
1	EPITHELIAL TUMOURS OF THE BLADDER	20.18	163,624
2	Transitional cell carcinoma of the Bladder	17.48	141,716
3	Undifferentiated carcinoma	0.057	440
3	Transitional cell carcinoma spindle cell	0.008	62
3	Transitional cell carcinoma with squamous differentiation	NE	0
3	Lymphoepithelial carcinoma	0.001	8
3	Giant cell carcinoma	0.001	7
3	Transitional cell carcinoma micropapillary	0.00	3
2	Squamous cell carcinoma and variants of the Bladder	0.42	3,436
3	Verrucous carcinoma	0.001	9
2	Adenocarcinoma and variants of the Bladder	0.29	2,331
3	Mucinous adenocarcinoma	0.014	108
3	Clear cell adenocarcinoma, NOS	0.013	102
3	Signet ring cell carcinoma	0.012	91
2	Salivary gland type tumours of the Bladder	0.00	9
3	Basaloid carcinoma	0.001	5
3	Adenoid cystic carcinoma	0.001	5
3	Mucoepidermoid carcinoma	0.00	2
1	EPITHELIAL TUMOURS OF THE EYE AND ADNEXA	0.16	1,286
2	Squamous cell carcinoma and variants of the Eye and Adnexa	0.04	304
3	Squamous carcinoma	0.033	235
3	Basal cell carcinoma	0.001	4
2	Adenocarcinoma and variants of the Eye and Adnexa	0.01	90
3	Adenocarcinoma NOS	0.001	6

3	Adenoid cystic carcinoma	0.005	37
3	Mucoepidermoid carcinoma	0.001	6
1	EPITHELIAL TUMOURS OF THE MIDDLE EAR	0.03	245
2	Squamous cell carcinoma and variants the Middle Ear	0.02	180
3	Squamous carcinoma	0.017	120
2	Adenocarcinoma and variants the Middle Ear	0.00	29
3	Adenocarcinoma NOS	0.002	13
3	Adenoid cystic carcinoma	0.001	6
1	MALIGNANT MESOTHELIOMA	1.91	15,456
2	Mesothelioma of the pleura and pericardium	1.61	13,056
3	Epithelioid malignant mesothelioma	0.244	1,745
3	Sarcomatoid malignant mesothelioma	0.037	261
2	Mesothelioma of the peritoneum and tunica vaginalis	0.13	1,014
3	Epithelioid malignant mesothelioma	0.018	126
3	Sarcomatoid malignant mesothelioma	0.001	8
1	MALIGNANT SKIN MELANOMA	12.44	100,883
2	Malignant skin melanoma	12.44	100,883
3	Superficial spreading melanoma	4.811	37,282
3	Nodular melanoma	1.624	12,583
3	Lentigo maligna melanoma	0.628	4,867
3	Acral lentiginous melanoma malignant	0.143	1,108
1	MALIGNANT MELANOMA OF THE MUCOSA	0.51	4,132
2	Malignant melanoma of the mucosa	0.51	4,132
1	MALIGNANT MELANOMA OF THE UVEA	0.65	5,301
2	Malignant melanoma of the uvea	0.65	5,301
1	EPITHELIAL TUMOURS OF THE SKIN	49.02	397,503
2	Basal cell carcinoma of the Skin	32.52	263,713
3	Basal cell carcinoma NOS	31.388	243,224
3	Basosquamous carcinoma	1.648	12,774
3	Multifocal superficial basal cell carcinoma	0.844	6,538
3	Basal cell carcinoma nodular	0.106	823
3	Basal cell carcinoma fibroepithelial	0.032	245
3	Adenoid basal carcinoma	0.007	55
2	Squamous cell carcinoma and variants of the Skin	16.35	132,597

3	Squamous carcinoma	15.287	118,461
3	Verrucous carcinoma	0.068	524
3	Spindle cell carcinoma	0.036	281
3	Pseudo vascular/ Squamous cell carcinoma adenoid	0.01	75
3	Adenosquamous carcinoma	0.005	38
1	ADNEXAL CARCINOMA OF THE SKIN	0.28	2,247
2	Adnexal carcinoma of the skin	0.28	2,247
3	Nodular hidradenoma, malignant	0.079	503
3	Sebaceous adenocarcinoma	0.064	611
3	Adenoid cystic carcinoma	0.02	152
3	Paget disease extra mammary	0.018	140
3	Apocrine adenocarcinoma	0.008	59
3	Mucinous adenocarcinoma	0.004	33
3	Pilomatrix carcinoma	0.004	31
3	Eccrine poroma, malignant	0.003	26
3	Mixed tumour malignant, NOS	0.002	14
3	Sclerosing sweat duct carcinoma	0.002	12
3	Malignant eccrine spiradenoma	0.001	7
3	Tubular adenocarcinoma	0.00	2
3	Eccrine papillary adenocarcinoma	0.00	2
1	EMBRYONAL NEOPLASMS	0.34	2,789
2	Neuroblastoma and ganglioneuroblastoma	0.12	982
2	Nephroblastoma	0.14	1,149
2	Retinoblastoma	0.05	437
2	Hepatoblastoma	0.02	181
2	Pulmonary blastoma	0.00	34
2	Pancreatoblastoma	0.00	6
1	EXTRAGONADIC GERM CELL TUMOURS	0.13	1,028
2	Extragenadic malignant/Immature Teratomas	0.04	337
3	Teratoma malignant	0.033	231
3	Mixed germ cell tumour	0.006	42
3	Teratocarcinoma	0.004	26
3	Choriocarcinoma combined with other germ cell elements	0.001	7
2	Extragenadic Germ cell tumour	0.09	691

3	Dysgerminoma/Seminoma	0.054	389
3	Embryonal adenocarcinoma	0.01	75
3	Yolk sac tumour	0.011	78
3	Choriocarcinoma, NOS	0.034	242
3	Polyembryoma	0.00	1
1	SOFT TISSUE SARCOMA	4.75	38,527
2	Soft tissue sarcoma of the Head and Neck	0.29	2,356
3	Sarcoma NOS	0.03	212
3	Epithelioid sarcoma	0.001	10
3	Desmoplastic small round cell tumour	0.00	1
3	Fibrosarcoma	0.012	85
3	Fibromyxosarcoma	0.003	21
3	Infantile fibrosarcoma	0.00	2
3	Myxoinflammatory fibroblastic sarcoma	NE	0
3	Malignant fibrous histiocytoma	0.039	280
3	DFSP	NE	0
3	Well differentiated liposarcoma	0.005	33
3	Myxoid liposarcoma	0.002	16
3	Pleomorphic liposarcoma	0.001	4
3	Mixed type liposarcoma	NE	0
3	Dedifferentiated liposarcoma	0.00	3
3	Leiomyosarcoma	0.054	387
3	Pleomorphic rhabdomyosarcoma	0.002	13
3	Extrarenal rhabdoid tumour	0.00	2
3	Synovial sarcoma	0.005	35
3	Clear cell sarcoma of soft tissue	NE	0
3	Epithelioid angiosarcoma	0.025	180
3	Epithelioid hemangioendothelioma	0.00	2
3	Extraskeletal osteosarcoma	0.00	2
3	Extraskeletal myxoid chondrosarcoma	0.00	2
3	Malignant peripheral nerve sheath tumours	0.019	135
3	Intimal Sarcoma	NE	0
3	Low grade fibromyxoid sarcoma	NE	0
3	Low grade myofibroblastic sarcoma	NE	0
3	PEComas	NE	0

3	Sclerosing epithelioid fibrosarcoma	NE	0
3	Undifferentiated pleomorphic sarcoma	0.035	247
2	Soft tissue sarcoma of the Limbs *	1.03	8,376
2	Soft tissue sarcoma of the Superficial Trunk *	0.47	3,824
2	Soft tissue sarcoma of the Mediastinum *	0.03	218
2	Soft tissue sarcoma of the Heart *	0.01	121
2	Soft tissue sarcoma of the Breast *	0.19	1,513
2	Soft tissue sarcoma of the Uterus *	0.5	4,035
2	Soft tissue sarcoma of the Genitourinary (other) *	0.24	1,939
2	Soft tissue sarcoma of the other Viscera *	0.51	4,129
2	Soft tissue sarcoma of the Paratesticular region *	0.03	265
2	Soft tissue sarcoma of the Retroperitoneum and Peritoneum *	0.29	2,344
2	Soft tissue sarcoma of the Pelvis *	0.01	118
2	Soft tissue sarcoma of the Skin *	0.31	2,514
2	Soft tissue sarcoma of the Paraorbital region *	0.01	56
2	Soft tissue sarcoma of the Brain and other Nervous System *	0.2	1,621
	<i>* includes all the Layer 3 entities listed for the soft tissue of the Head and Neck</i>	0.06	495
2	Embryonal rhabdomyosarcoma of the Soft Tissue	0.06	495
2	Alveolar rhabdomyosarcoma of the Soft Tissue	0.03	263
2	Ewing's family tumours of the Soft Tissue	0.02	193
1	BONE SARCOMA	0.8	6,523
2	Osteogenic sarcoma	0.23	1,850
3	Conventional osteosarcoma	0.201	1,738
3	Teleangectatic osteosarcoma	0.005	35
3	Small cell osteosarcoma	0.002	11
3	Paraosteal osteosarcoma	0.009	62
3	High grade surface osteosarcoma	0.001	4
3	Low grade central osteosarcoma	NE	0
3	Periosteal osteosarcoma	NE	0
3	Secondary osteosarcoma	NE	0
2	Chondrogenic sarcomas	0.24	1,982
3	Chondrosarcoma	0.23	1,642
3	Mesenchymal chondrosarcoma	0.005	33
3	Clear cell chondrosarcoma	0.00	2

3	Dedifferentiated chondrosarcoma	0.001	9
2	Notochordal sarcomas, Chordoma	0.04	355
3	Chordoma	0.045	320
2	Vascular sarcomas, Angiosarcoma	0.00	26
3	Angiosarcoma	0.003	23
2	Ewing's family of tumours	0.13	1,021
3	Ewing's sarcoma/PNET	0.12	857
2	Epithelial tumours , Adamantinoma	0.01	70
3	Adamantinoma	0.008	60
2	Other high grade sarcomas (fibrosarcoma, malignant fibrous histiocytoma)	0.02	147
3	Fibrosarcoma	0.006	43
3	Malignant fibrous histiocytoma	0.012	87
1	GASTROINTESTINAL STROMAL SARCOMA	0.07	536
2	Gastrointestinal stromal sarcoma	0.07	536
1	KAPOSI SARCOMA	0.36	2,925
2	Kaposi sarcoma	0.36	2,925
1	NEUROENDOCRINE CARCINOMAS	2.52	20,466
2	Well differentiated endocrine tumours, carcinoid	0.37	2,961
2	Well differentiated endocrine tumours, atypical carcinoid	0.00	6
2	Poorly differentiated endocrine carcinoma (lung excluded)	0.52	4,225
3	Small cell endocrine carcinoma	0.342	2,446
3	Large cell endocrine carcinoma	0.514	3,674
2	Mixed endocrine-exocrine carcinoma	0.00	17
2	Endocrine carcinoma of Thyroid gland	0.22	1,772
3	Medullary carcinoma, NOS	0.221	1,579
3	Mixed medullary-follicular carcinoma	0.001	6
2	Well differentiated endocrine carcinoma, not functioning of Pancreas and Digestive tract	1.25	10,152
3	Carcinoid tumour, NOS	1.26	9,005
3	Islet cell carcinoma	0.034	245
2	Well differentiated endocrine carcinoma, functioning of Pancreas and Digestive tract	0.02	200
3	Insulinoma, malignant	0.014	98
3	Glucagonoma, malignant	0.003	24
3	Somatostatinoma, malignant	NE	0
3	Gastrinoma, malignant	0.006	46

3	VIP-oma	0.001	8
3	Other ectopic hormone producing tumours	NE	0
2	Endocrine carcinoma of Skin	0.13	1,082
3	Merkel cell carcinoma	0.142	1,018
1	CARCINOMA OF ENDOCRINE ORGANS	4.16	33,757
2	Carcinomas of Pituitary gland	0.04	333
3	Pituitary carcinoma, NOS	0.009	69
2	Carcinomas of Thyroid gland	3.68	29,803
3	Papillary adenocarcinoma, NOS	2.632	18,821
3	follicular carcinoma, NOS	0.724	5,173
3	Pleomorphic carcinoma	0.001	4
3	Undifferentiated/anaplastic carcinoma	0.203	1,459
3	Mucoepidermoid carcinoma	0.001	9
3	Mucinous carcinoma	0.00	3
3	Spindle cell tumour with thymous-like differentiation (SETTLE)	0.00	1
3	Carcinoma showing thymus-like differentiation (CASTLE)	NE	0
2	Carcinomas of Parathyroid gland	0.02	179
3	Parathyroid carcinoma	0.007	57
2	Carcinoma of adrenal gland	0.18	1,471
3	Adrenal cortical carcinoma	0.073	520
1	GLIAL TUMOURS OF THE CNS and PINEAL GLAND	5.35	43,344
2	Astrocytic tumours of the CNS	4.79	38,864
3	Astrocytoma, NOS	0.796	5,691
3	Astrocytoma, anaplastic	0.39	2,789
3	Glioblastoma	2.504	17,902
3	Gliosarcoma	0.025	177
3	Giant cell glioblastoma	0.022	155
3	Astroblastoma	0.016	116
3	Protoplasmic astrocytoma	0.01	71
3	Gliomatosis cerebri	0.009	63
3	Pleomorphic xanthoastrocytoma	0.009	62
3	Pilocytic and Pilomixoid astrocytoma	0.185	1
3	Oligoastrocytoma	0.108	772
3	Subependymal giant cell astrocytoma	NE	0

2	Oligodendroglial tumours of the CNS	0.35	2,863
3	Oligodendroglioma	0.24	1,716
3	Oligodendroglioma, anaplastic	0.089	637
2	Ependymal tumours of the CNS	0.2	1,617
3	Ependymoma, NOS	0.159	1
3	Ependymoma, anaplastic	0.03	214
3	Subependymoma	NE	0
3	Myxopapillary ependymoma	NE	0
1	NON GLIAL TUMOURS OF THE CNS AND PINEAL GLAND	0.22	1,816
2	Embryonal tumours of the CNS	0.22	1,766
3	Medulloblastoma	0.112	799
3	Desmoplastic nodular medulloblastoma	0.012	84
3	PNET	0.055	394
3	Anaplastic ganglioglioma	0.002	13
3	Atypical teratoid/rhabdoid tumour	0.001	6
3	Medulloepithelioma, NOS	NE	0
3	Large cell and anaplastic medulloblastoma	NE	0
3	Pineoblastoma	0.015	109
2	Choroid plexus carcinoma of the CNS	0.01	50
1	MALIGNANT MENINGIOMAS	0.15	1,225
2	Malignant meningiomas	0.15	1,225
1	GLIAL TUMOURS OF THE NERVES, AUTONOMIC NERVOUS SYSTEM AND PARAGANGLIA	0.01	82
2	Astrocytic tumours of the Nerves, Autonomic Nervous System and Paraganglia	0.00	40
3	Astrocytoma, NOS	0.003	19
3	Astrocytoma anaplastic	0.001	8
3	Glioblastoma	0.001	5
3	Gliosarcoma	0.00	1
3	Ganglioglioma, anaplastic	0.00	1
2	Ependymal tumours of the the Nerves, Autonomic Nervous System and Paraganglia	0.01	42
3	Ependymoma, NOS	0.005	40
1	NON-GLIAL TUMOURS OF THE NERVES, AUTONOMIC NERVOUS SYSTEM AND PARAGANGLIA	0.1	800
2	Embryonal tumours of the Nerves, Autonomic Nervous System and Paraganglia	0.07	599
3	PNET	0.046	328
3	Olfactory neuroblastoma	0.00	3

3	Olfactory neuroepithelioma	0.00	1
3	Olfactory neurogenic tumour	0.00	1
3	Teratoid medulloepithelioma	0.00	1
3	Neuroepithelioma, NOS	0.004	28
2	Paraganglioma	0.02	201
1	LYMPHOID DISEASES	29.17	236,546
2	Classical Hodgkin Lymphoma	2.38	19,318
3	Lymphocyte-rich	0.094	675
3	Mixed cellularity	0.413	2,953
3	Lymphocyte-depleted	0.043	311
3	Nodular sclerosis	1.249	8,940
2	Hodgkin lymphoma nodular lymphocyte predominance	0.06	469
2	Composite Hodgkin/NHL	0.01	42
2	Precursor B/T lymphoblastic leukaemia/lymphoblastic lymphoma	1.28	10,384
2	Non Hodgkin Mature T cell and NK-cell neoplasms	0.97	7,870
3	T cutaneous lymphoma (Sezary syn, Mycosis fung)	0.54	3,859
3	Other T cell lymphomas	0.43	3,074
2	Non Hodgkin, Mature B cell lymphoma	17.51	141,972
3	Small cell lymphocytic lymph/chronic lymphatic leukaemia	4.641	33,181
3	Mantle cell/lymph centrocytic	0.352	3
3	Prolymphocytic leukaemia, B cell	0.051	363
3	Lymphoplasmacitic/Waldenström macroglobulinemia	0.809	6
3	Burkitt leukaemia/lymphoma	0.177	1,263
3	Diffuse B lymphoma	2.75	19,662
3	Splenic/nodal marginal zone/extra nodal MALT type	0.323	2,304
3	Follicular B lymphoma	2.131	15,241
3	Hairy cell leukaemia	0.283	2
3	Plasmocitoma/multiple mieloma	5.818	41,601
3	Heavy chain disease	0.002	13
1	ACUTE MYELOID LEUKAEMIA AND RELATED PRECURSOR NEOPLASMS	3.7	29,982
2	Acute Myeloid Leukemia (AML) with recurrent genetic abnormalities	0.11	921
3	AML with t(8;21)(q22;q22); AML 1/ETO)	0.002	11
3	AML with inv(16)(p13.1q22)or t(16; 16)(p13.1q22), (CBFbeta/MYH)	0.001	8
3	Acute promyelocytic leukemia (AML with t(15;17) and variants	0.11	785
3	Acute myeloid leukemia 11q23 abnormalities	0.00	1

2	Acute myeloid leukemia NOS (FAB or WHO type not specified)	2.84	23,039
2	AML with myelodysplasia-related changes and RAEBT-T	0.05	399
3	AML with myelodysplasia-related changes	0.003	22
3	Refractory Anemia with excess blasts in transformation (RAEBT-T)	0.042	280
2	Therapy-related myeloid neoplasms	0.00	9
3	Therapy related myelodysplastic syndrome NOS	0.00	2
3	Therapy-related myeloid neoplasms	0.00	3
2	Acute Myeloid Leukemia no categorized and other AML	0.48	3,916
3	Acute myeloid leukemia minimally differentiation	0.496	3,550
3	Acute myeloid leukemia without maturation	0.009	65
3	Acute myeloid leukemia with maturation	0.016	117
3	Acute myelomonocytic leukemia	0.032	230
3	Acute myeloid leukemia MVI type	0.172	1,229
3	Acute monoblastic and monocytic leukemia	0.06	427
3	Acute erythroid leukemia	0.123	883
3	Acute basophilic leukemia	0.001	4
3	Acute megakaryoblastic leukemia	0.00	2
3	Acute panmyelosis with myelofibrosis	0.02	143
3	Acute leukemias with ambiguous lineage	0.045	321
2	Myeloid sarcoma	0.003	21
2	Blastic plasmacytoid dendritic cell neoplasm	NE	0
1	MYELOPROLIFERATIVE NEOPLASMS	3.07	24,859
2	Chronic myeloid leukemia	1.26	10,185
3	Chronic myeloid leukemia NOS	1.231	8,801
3	Chronic myelogenous leukemia BCRABL positive	0.006	43
2	Myelosclerosis with myeloid metaplasia	0.12	1,010
2	Essential thrombocythemia	0.48	3,886
2	Polycythemia vera	0.66	5,353
2	Mast cell tumours	0.02	125
3	Mastocytoma NOS/mast cell sarcoma	0.002	13
3	Malignant mastocytosis	0.012	84
3	Mast cell leukaemia	0.001	9
2	Myeloproliferative diseases, others	0.53	4,284
3	Chronic myeloproliferative disease NOS	0.551	3,939

3	Chronic neutrophilic leukemia	0.00	3
3	Hypereosinophilic syndrome	0.001	8
1	MYELOYDYSPLASTIC SYNDROME	1.49	12,082
2	Myelodysplastic syndrome	1.49	12,082
3	Refractory anemia	0.199	1
3	Refractory anemia with sideroblasts	0.095	681
3	Refractory anemia with excess blasts	0.15	1
3	Refractory cytopenia with multilineage dysplasia	0.00	2
3	Myelodysplastic syndrome with Vq syndrome	0.00	3
3	Myelodysplastic syndrome NOS	1.08	8
1	MYELODYSPLASTIC/MYELOPROLIFERATIVE DISEASES	0.29	2,328
2	Chronic myelomonocytic leukemia NOS	0.29	2,319
2	Juvenile myelomonocytic leukemia	0.00	3
2	Atypical chronic myeloid leukemia BCRABL negative	0.00	6
1	HISTIOCYTIC AND DENDRITIC CELL NEOPLASMS	0.05	394
2	Histiocytic and dendritic cell neoplasms	0.05	394
3	Histiocytic sarcoma	0.003	25
3	Langherans cell histiocytosis	NE	0
3	Langherans cell sarcoma	NE	0
3	Interdigitating dendritic cell sarcoma	0.001	4
3	Follicular dendritic cell sarcoma	0.00	3
3	Fibroblastic reticular cell tumour	NE	0