

Hospital-based Cancer Registry Report

2014



National Institute of Cancer Research & Hospital
Mohakhali, Dhaka-1212

Cancer Registry Report

2014



National Institute Of Cancer Research & Hospital (NICRH)

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Summary

Hospital based registry started officially from January 01, 2005 at the National Institute of Cancer Research & Hospital (NICRH), Mohakhali, Dhaka. Already three full reports (for 2005, 2005-2007 & 2008-2010) and one draft report (for 2011-2013) have been published. In 2014 a total number of 18556 new patients attended the Out Patient Department (OPD) of NICRH. Of them 11108 (59.9%) patients had either confirmed or provisional diagnosis of some sorts of cancer and included in this report. The rest were excluded as they had no medical records with them.

Demography:

Majorities (6125, 55.1%) of the patients were male (male female ratio was 1.2:1). Mean age of the patients was 50 years with SD \pm 16.145 which ranged from 1 to 113 years. Among them about 93.9% (14426) were Muslims & 88.6% (9838) were married. A huge number of patients (4628) were illiterate & about 39% patients (4296) had at least primary level education. Agricultural activities were main profession of men (3298/6125) while majority of female (4622/4983) were housewives.

System wise distribution:

Cancers of respiratory tract occupied the top position (2436, 21.9%) followed by GIT (2131, 19.2%), breast (1396, 12.6%), lip, oral cavity and pharynx (1238, 11.1%) and lymph node (1160, 10.4%) (Table: 1).

Leading sites:

Lung was the main leading site of cancers in both sexes (1983, 17.9%). Breast came up with 2nd position (1386, 12.5%). Lymphatic & lymph node (1038, 9.3%), cervix (894, 8.0%), oesophagus (456, 4.1%), stomach (432, 3.9%), liver (390, 3.5%), rectum (290, 2.6%), cheek/buccal mucosa (245, 2.2%) and gall bladder (236, 2.1%) occupied the successive places.

Lung cancers happened to be the first in male patients (1684, 27.5%), lymph node & lymphatic (811, 13.2%), oesophagus (321, 5.2%), stomach (300, 4.9%) and liver (275, 4.5%) came next in that order.

Among female carcinoma of the breast lead the tally (1363, 27.4%) followed by cervix (894, 17.9%), lymph node (306, 6.1%), lung (299, 6.0%) and gall bladder (141, 2.8%).

Residential status:

Majority of the patients attended OPD of NICRH were from Dhaka division (4878, 43.9%) and next from Chittagong division (2473, 22.3%). The other divisional representations were as follows: Barisal (1251, 11.3%), Khulna (1051, 9.5%), Rajshahi (902, 8.1%) and Sylhet (326, 2.9%). Least number of the cases (227, 2.0%) reported from Rangpur division.

Smoking habit:

About 67.9% (4156) male cancer patients were ever smoker and 42% (2474) were current smoker. 3.1% (155) female patients were ever smoker. About 30% (1487) female

had habit of chewing tobacco and 21.4% (1312) male were habituated with chewing tobacco.

Method of diagnosis:

A total number of 7200 (64.8%) patients came to this hospital with confirmed histopathological diagnosis, 2390 (21.5%) patients had cytopathologically confirmed diagnosis. 11.5% patients (1278) reported suspected diagnosis based on radiological evidences and 240 (2.1%) patients were only clinically diagnosed as cancer patients.

Paediatric cancer:*

Paediatric cancer patients were small in numbers. Only 340 (3.1%) paediatric patients reported at OPD during the period. Of them 227 (66.8%) were male child & 113 (33.2%) were female child. Lymphoma happen to be leading cause of cancer in this group (15.5%) followed by Retinoblastomas (14.7%) & leukaemia (13.8%).

Geriatric cancer:

Patients of 65 years and above were considered as geriatric patients. About 20.6% (2291) of all cancer patients were from this age group. Most of them, however, were male (74.6%). Only 25.4 % were female.

*Age group 0-15 years was considered as paediatric age group in this report.

Treatment received before attending NICRH:

Most of the patients (82.2%, 9127) reported before receiving any kind of cancer treatment, only 17.8% (1981) got some treatment before.

Treatment at NICRH:

A total of 10880 (97.9%) patients registered at Tumour board, and 9862 (90.6%) got definitive decision regarding their mode of treatment. More than 6% (688) patients dropped out as they did not face the board after being registered. And 3% (327) patients were referred to other.

The Tumour board prescribed Chemotherapy for 31.3% (3085) patients and Radiotherapy for 21.9% (2161) patients. Thirteen per cent (1283) patients were sent for surgical treatment. Other patients got some sorts of combined therapy.

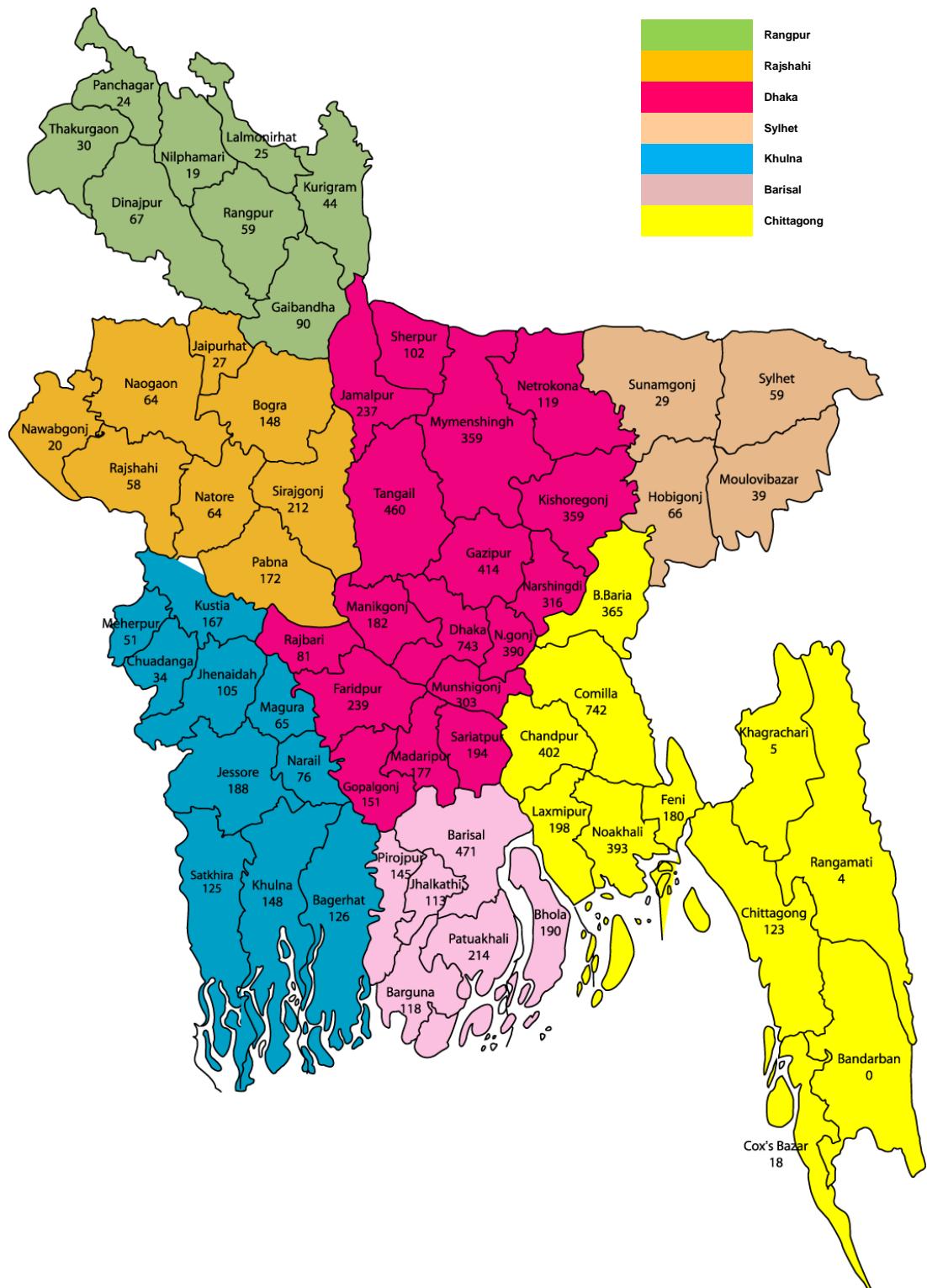


Fig: 1 Map diagram showing the distribution of the patients



Fig: 2 Distribution of the patients by division

Table 1: Tumour board decision regarding treatment (n=9862)

Types of treatment	Frequency	Percentage
Chemotherapy	3085	31.3
Radiotherapy	2161	21.9
R+C	2018	20.5
Surgery	1283	13.0
S+C	964	9.8
S+R	295	3.0
S+R+C	42	0.4
Hormone therapy	8	0.1
S+H	3	0.0
Immunotherapy	2	0.0
S+R+H	1	0.0
Total	9862	100.0

A. System wise pattern:**Table 2: System wise distribution of the cancers**

ICD-O	Primary site	Frequency	Percent
C00-C14	Respiratory system and intrathoracic organs	2436	21.9
C15-C26	Digestive organ	2131	19.2
C30-C39	Breast	1396	12.6
C40-C41	Lip, oral cavity and pharynx	1238	11.1
C42	Lymph nodes	1160	10.4
C44	Female genital organs	1158	10.4
C47	Urinary tract	241	2.2
C48	Haemopoietic and reticuloendothelial systems	224	2.0
C49	Bones, joints and articular cartilage	220	2.0
C50	Eye, brain and other parts of CNS	194	1.7
C51-C58	Connective, subcutaneous and other soft tissues	187	1.7
C60-C63	Male genital organs	139	1.3
C64-C68	Thyroid and other endocrine glands	90	0.8
C69-C72	Skin	71	0.6
C73-C75	Other ill defined sites	51	0.5
C75	Retroperitoneum and peritoneum	18	0.2
C77	Peripheral nerve and autonomic nervous system	4	0.0
C80	Unknown primary site	150	1.4
C00-C80	Total	11108	100.0

B. Demography:

Table 3: Demographic characteristics of the cancer patients

Variables	Male (%)	Female (%)	Total (%)
<i>Religion</i>			
Islam	5767 (51.9)	4659 (41.9)	10426 (93.9)
Hinduism	338 (3.0)	301 (2.7)	639 (5.8)
Christianity	15 (.1)	15(0.1)	30 (0.3)
Buddhism	5 (.0)	7 (0.1)	12 (0.1)
<i>Marital status</i>			
Never married	414 (3.7)	193 (1.7)	607 (5.5)
Married	5703 (51.3)	4136(37.2)	9838 (88.6)
Widowed	9 (0.1)	627 (5.6)	636 (5.7)
Divorced	0 (0.0)	26 (0.2)	25 (0.2)
<i>Education</i>			
Not applicable	99 (0.9)	50 (0.5)	149 (1.3)
Illiterate	2276 (20.5)	2352 (21.2)	4628 (41.7)
Primary	2483 (22.4)	1813 (16.3)	4296 (38.7)
Secondary	608 (5.5)	394 (3.5)	1002 (9.0)
Higher secondary	311 (2.8)	220 (2.0)	531 (4.8)
Graduate & above	349 (3.1)	153 (1.4)	502 (4.5)
<i>Occupation</i>			
Not applicable	92 (0.8)	43 (0.2)	135 (1.2)
Service	845 (7.6)	129 (1.2)	974 8.8)
Business	943 (8.5)	12 (0.1)	955 (8.6)
Agriculture	3291(26.6)	10 (0.1)	3301 (29.7)
Day labourer	302(2.7)	5 (0.0)	307 (2.8)
House wife		4650 (41.9)	5650 (41.9)
Retired/ aged	294 (2.6)	15 (0.1)	309 (2.8)
Industrial worker	61(0.5)	0 (0.0)	61(0.5)
Student	263 (2.4)	140 (1.3)	403 (3.6)
Others	6(0.1)	6 (0.1)	12 (0.2)

C. Leading sites of cancer:

Table 4: Top 10 malignancies

Sl. No.	Site	Number	Percentage
1	Lung	1983	17.9
2	Breast	1386	12.5
3	Lymphoma	1038	9.3
4	Cervix	894	8.0
5	Oesophagus	456	4.1
6	Stomach	432	3.9
7	Liver	390	3.5
8	Rectum	290	2.6
9	Cheek /buccal mucosa	245	2.2
10	Gall bladder	236	2.1

Table 5: Top 10 cancers in male

Sl. no.	Site	Number	Percentage
1	Lung	1684	27.5
2	Lymphoma	811	13.2
3	Oesophagus	321	5.2
4	Stomach	300	4.9
5	Liver	275	4.5
6	Rectum	171	2.8
7	Tongue	148	2.4
8	Blood	127	2.1
9	Bladder	114	1.9
10	Larynx	109	1.8

Table 6: Top 10 cancers in female

Sl. no.	Site	Number	Percentage
1	Breast	1363	27.4
2	Cervix	894	17.9
3	Lymphoma	306	6.1
4	Lung	299	6
5	Gall bladder	141	2.8
6	Cheek /buccal mucosa	140	2.8
7	Oesophagus	135	2.7
8	Stomach	132	2.6
9	Rectum	119	2.4
10	Liver	115	2.3

D. Special age group cancer:

Paediatric cancer (0-15 years)

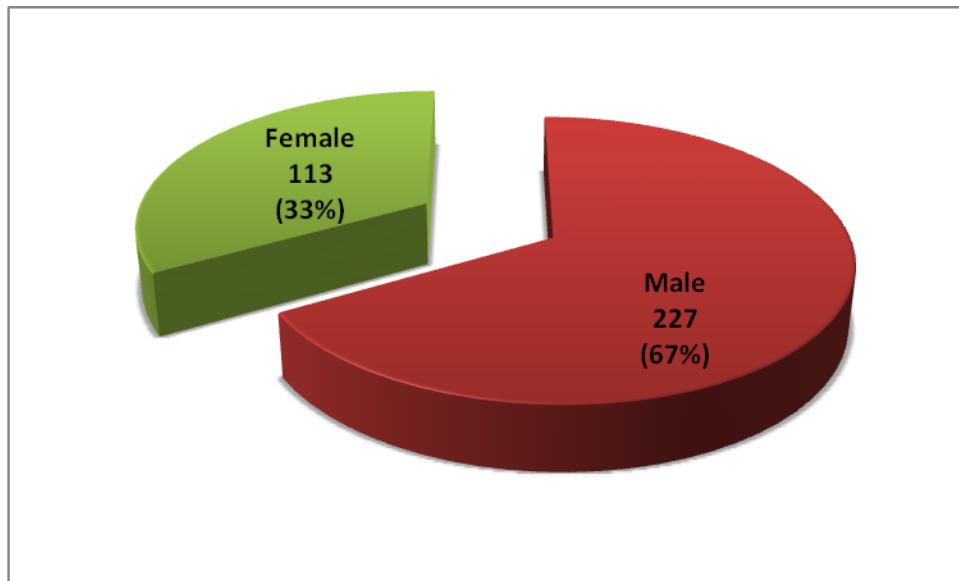


Fig 3: Paediatric cancers (n=340)

Table 7: Site of paediatric cancer (N=340)

Sl. No.	Site of cancer	Frequency	Percent
1.	Lymphoma	53	15.5
2.	Eye & eye ball	50	14.7
3.	Blood	47	13.8
4.	Bone & cartilage	41	12.1
5.	Kidney	14	4.1
6.	Connective tissue	9	2.6
7.	Base of the tongue	7	2.1
8.	Liver	6	1.8
9.	Cerebrum	6	1.8
10.	Others	5	1.5

Table 8: Morphology of paediatric cancer (N=340)

Sl. No.	Morphology	Frequency	Percent
1.	Retinoblastoma	48	14.1
2.	NHL	42	12.4
3.	Acute Lymphoblastic Leukemia	40	11.8
4.	Osteosarcoma	28	8.2
5.	Malignant tumour	22	6.5
6.	Ewing's sarcoma	20	5.9
7.	Sq cell ca	18	5.3
8.	Nephroblastoma	12	3.5
9.	Hodgkins' Lymphoma	11	3.2
10.	Acute Myeloid/Graulocytic Leukemia	11	3.2

Geriatric cancer (≥ 65 years)

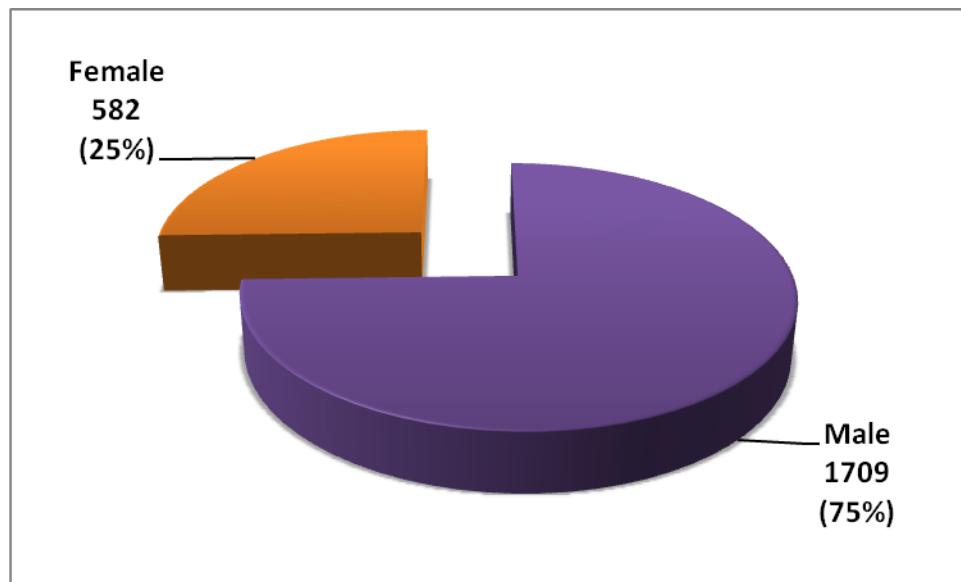


Fig 4: Geriatric cancers (n=2291)

Table 9: Primary site of geriatric cancers (n=2291)

Sl. No.	Primary site of cancer	Frequency	Percent
1.	Lung	736	32.1
2.	Lymphoma	229	10.0
3.	Oesophagus	153	6.7
4.	Stomach	98	4.3
5.	Cervix	96	4.2
6.	Liver	83	3.6
7.	Breast	62	2.7
8.	Cheek /buccal mucosa	58	2.5
9.	Prostate	53	2.3
10.	Gall bladder	52	2.3

Table 10: Morphology of geriatric cancer (N=2291)

Sl. No.	Morphology	Frequency	Percent
1.	Squamous cell carcinoma	1082	47.2
2.	Adenocarcinoma	506	22.1
3.	Malignant tumour	101	4.4
4.	Small cell carcinoma	80	3.5
5.	Hepatocellular carcinoma	63	2.7
6.	Duct cell carcinoma	62	2.7
7.	NHL	57	2.5
8.	Small cell type	49	2.1
9.	Transitional cell carcinoma	47	2.1
10.	Basal cell carcinoma	16	0.7

E. All sites:

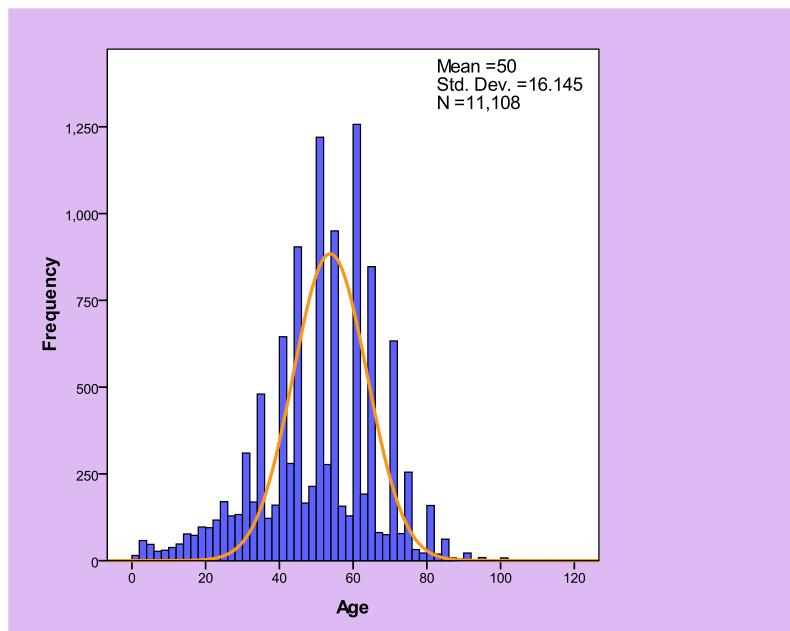


Fig 5: Age distribution of all cancer patients

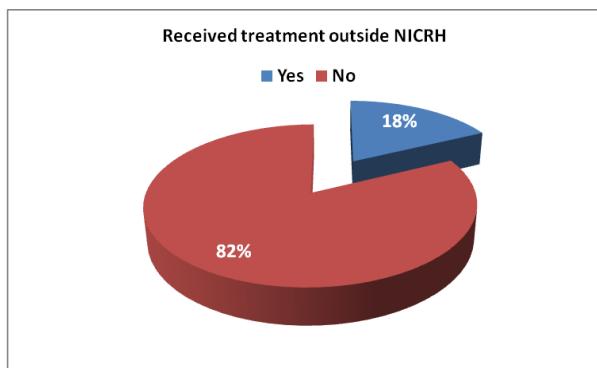


Fig 6: Tumour board decision regarding treatment

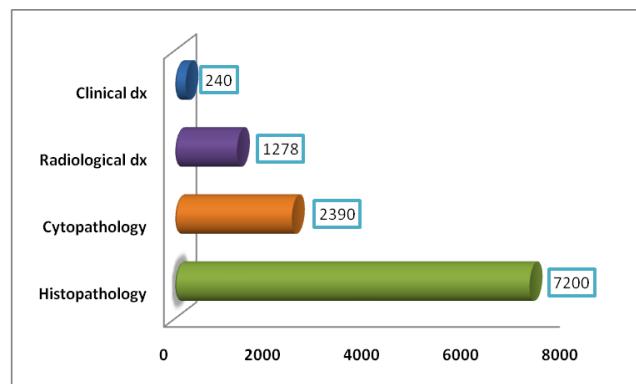


Fig 7: Method of diagnosis

F. Head & neck cancer

Table 11: Head & Neck cancer

Head & neck cancer	Sex		Total
	Male	Female	
LIP	17 (2.2)	16 (3.4)	33 (2.7)
Base of the tongue	41 (5.3)	34 (7.3)	75 (6.1)
Lingual tonsil	15 (1.9)	9 (1.9)	24 (1.9)
Tongue	148 (19.1)	61 (13.1)	209 (16.9)
Gum	9 (1.2)	12 (2.6)	21 (1.7)
Floor of the mouth	24 (3.1)	17 (3.6)	41 (3.3)
Hard palate	18 (2.3)	8 (1.7)	26 (2.1)
Soft palate	15 (1.9)	14 (3.0)	29 (2.3)
Palate	12 (1.6)	14 (3.0)	26 (2.1)
Cheek /buccal mucosa	105 (13.6)	140 (30.0)	245 (19.8)
Oral cavity/Buccal cavity	31 (4.0)	28 (6.0)	59 (4.8)
Parotid Gland	32 (4.1)	18 (3.9)	50 (4.0)
Sub mandibular/maxillary gland	47 (6.1)	38 (8.2)	85 (6.9)
Tonsillar fossa	6 (.8)	3 (.6)	9 (.7)
Tonsil	68 (8.8)	21 (4.5)	89 (7.2)
Valecula	6 (.8)	1 (.2)	7 (.6)
Branchial cleft	5 (.6)	3 (.6)	8 (.6)
Oropharynx	5 (.6)	2 (.4)	7 (.6)
Nasopharynx	32 (4.1)	11 (2.4)	43 (3.5)
Pyriformsinus/fossa	96 (12.4)	8 (1.7)	104 (8.4)
Cricoid	1 (.1)	0 (.0)	1 (.1)
Aryepiglottic fold	15 (1.9)	1 (.2)	16 (1.3)
Hypopharynx	8 (1.0)	3 (.6)	11 (.9)
Pharynx	14 (1.8)	4 (.9)	18 (1.5)
Laryngopharynx	3 (.4)	0 (.0)	3 (.2)
Total	773 (100.0)	466 (100.0)	1239 (100.0)

Percentages are given in the parenthesis

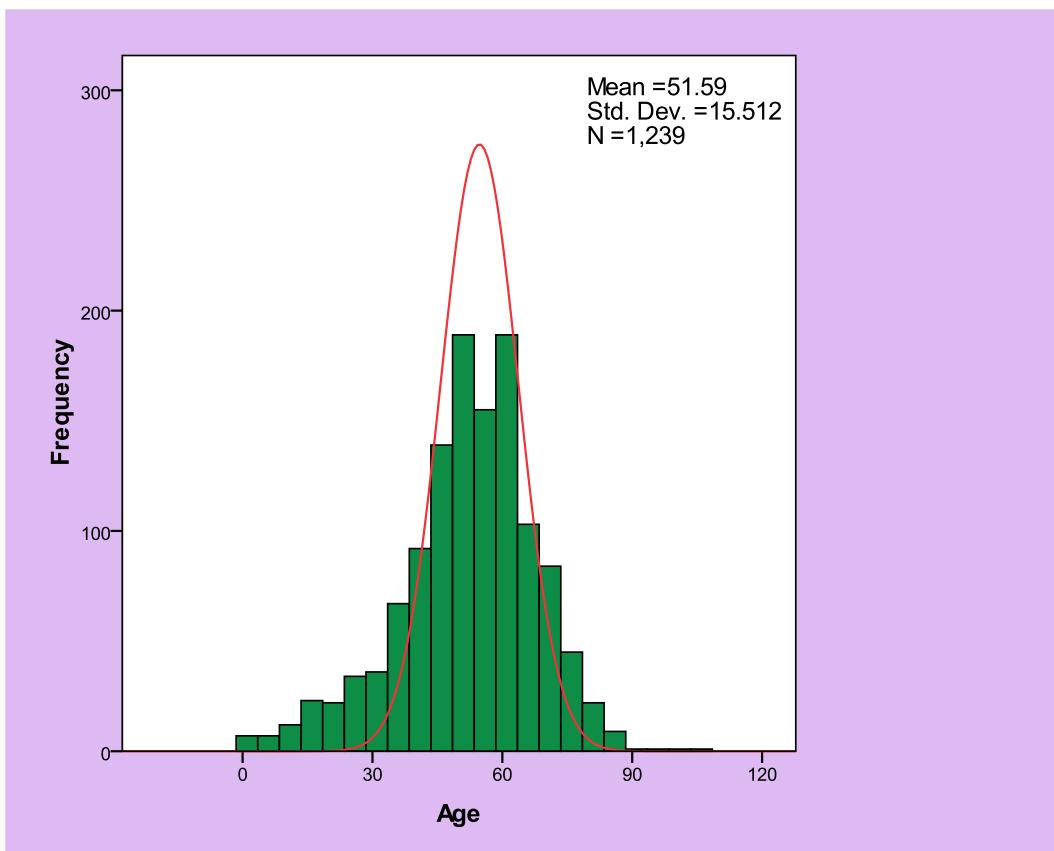


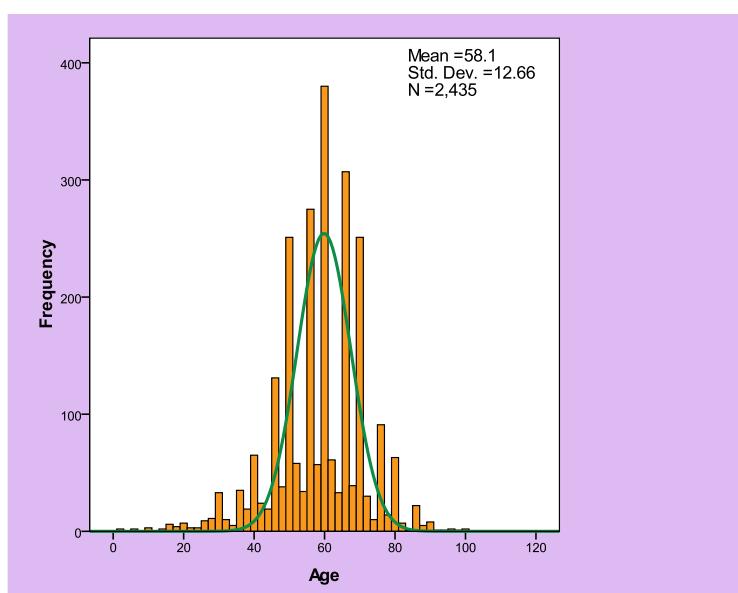
Fig 8: Age distribution of H & N cancers

M: F= 1.7: 1

G. Respiratory System

Table 12: Respiratory System cancer

Respiratory system	Sex		Total
	Male	Female	
Nasal cavity	7 (.3)	9 (2.4)	16 (.7)
Middle ear , inner ear	6 (.3)	3 (.8)	9 (.4)
Maxillary sinuses	13 (.6)	9 (2.4)	22 (.9)
Ethmoid sinuses	1 (.0)	2 (.5)	3 (.1)
Frontal sinuses	2 (.1)	1 (.3)	3 (.1)
Glottis, Vocal cord	82 (4.0)	6 (1.6)	88 (3.6)
Supraglottis, Epiglottis,	101 (4.9)	12 (3.2)	113 (4.6)
Larynx	109 (5.3)	9 (2.4)	118 (4.8)
Bronchous	3 (.1)	0 (0.0)	3 (0.1)
Upper lobe of lung	4 (.2)	1 (.3)	5 (0.2)
Middle lobe of lung	1 (.0)	1 (.3)	2 (0.1)
Lower lobe of lung	2 (.1)	0 (0.0)	2 (0.1)
Lung	1684 (81.5)	299 (80.8)	1983 (81.4)
Posterior mediastinum	4 (.2)	0 (0.0)	4 (0.2)
Mediastinum	16 (.8)	1 (.3)	17 (.7)
Pleura	29 (1.4)	16 (4.3)	45 (1.8)
Respiratory tract	1 (.0)	1 (.3)	2 (.1)
	2065 (100.0)	370 (100.0)	2435 (100.0)



Mean age 58.1 Years
 $SD \pm 12.66$
M: F = 5.6: 1

Fig 9: Age distribution of respiratory cancers

H. Lung cancer:

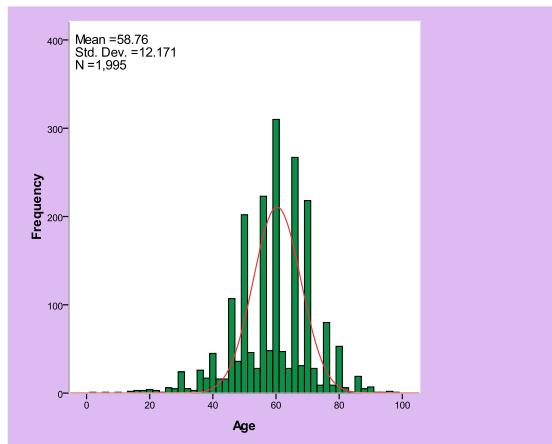


Fig 10: Age group distribution of lung cancer patients

Male 1694 (84.9%), female 301 (15.1%) male female ratio 5.6:1.00
Mean age 58.76 year, SD \pm 12.17 year

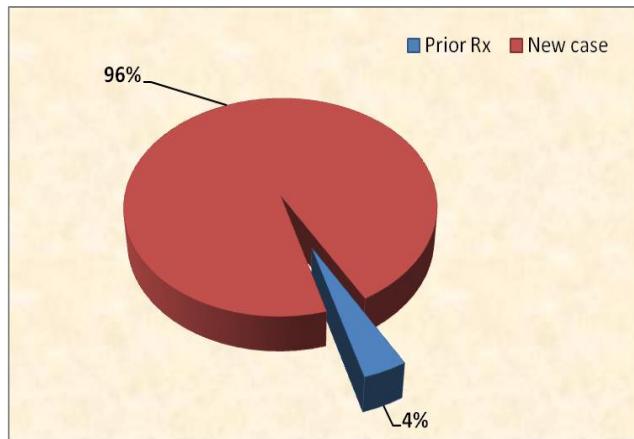


Fig 11: Case Referral (lung cancer)

Table 13: Morphology of lung cancer (N=1995)

Sl. No.	Morphology	Frequency	Percent
1.	Squamous cell carcinoma	980	49.1
2.	Adenocarcinoma	614	30.8
3.	Small cell carcinoma	226	11.3
4.	Small cell type	120	6.0
5.	Large cell carcinoma	26	1.3
6.	Other	29	1.5
7.	Total	1995	100.0

I. Breast cancer:

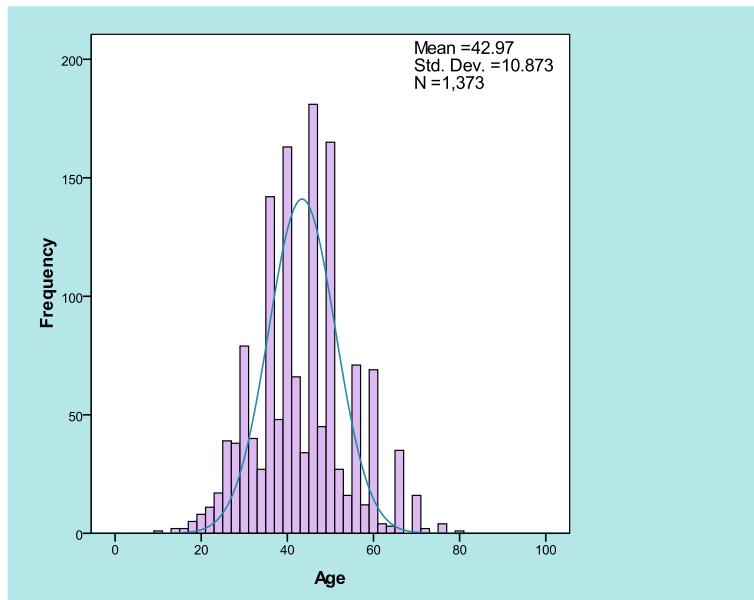


Fig 12: Age group distribution of breast cancer patients

Mean age 42.97 Years, SD \pm 10.873 Years

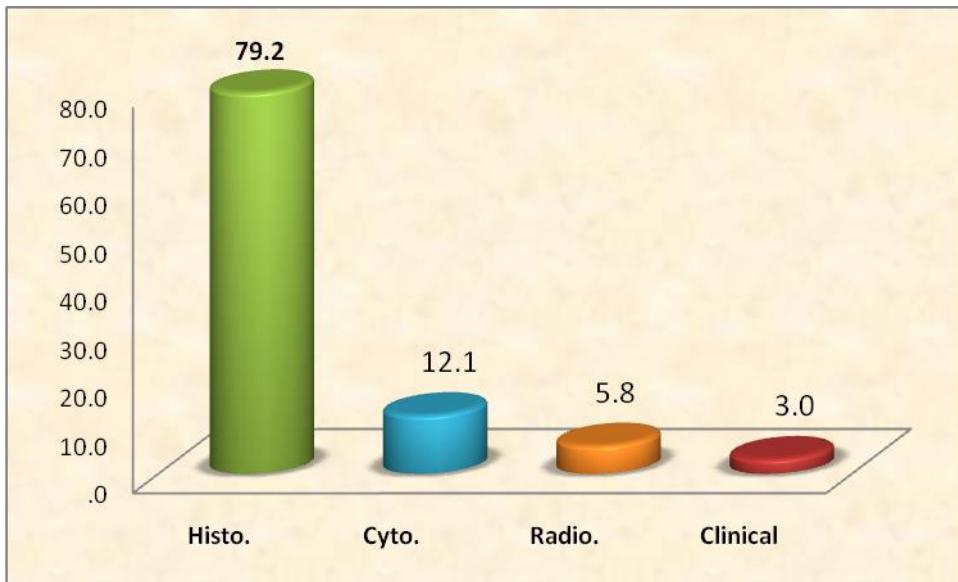


Fig 13: Diagnostic status (n=1373)

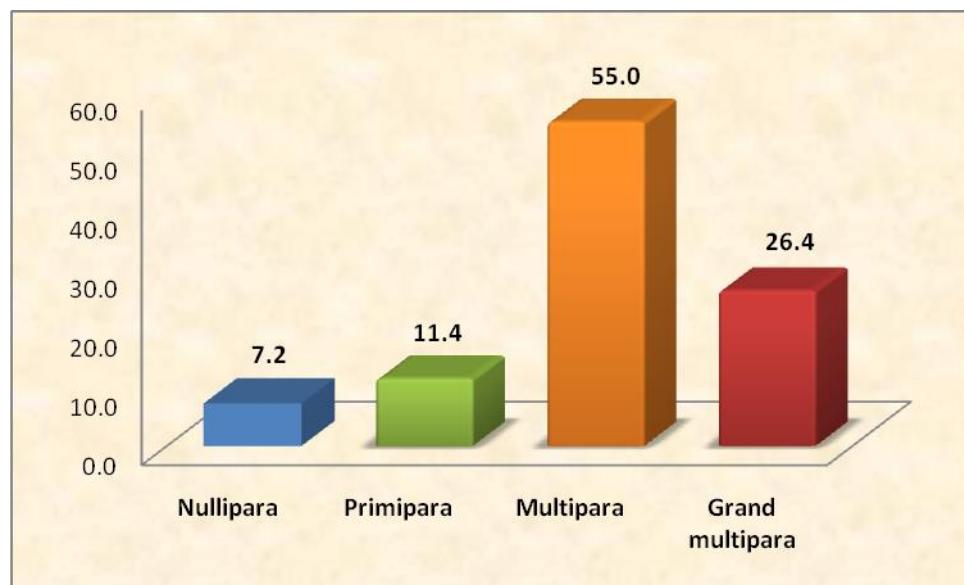


Fig 14: Parity and breast cancer (n=1346)

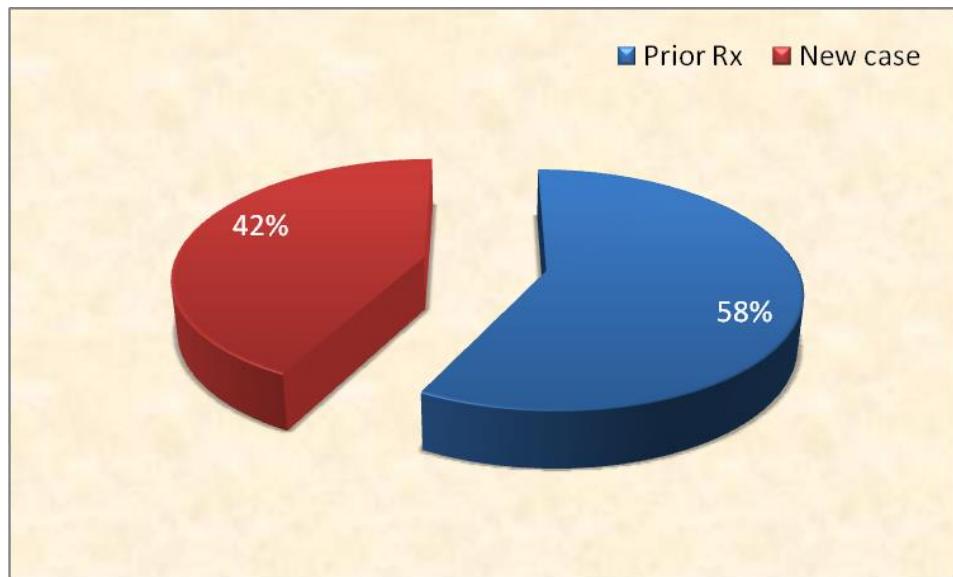


Fig 15: Case referral (Breast cancer)

J. GIT

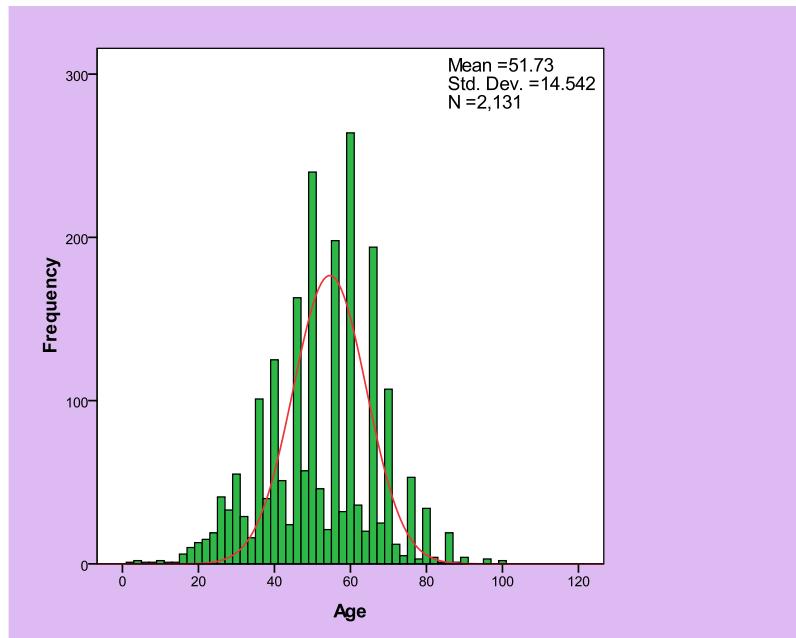


Fig 16: Age group distribution (GIT)
Mean age 48.92 years, SD \pm 15.121 years, M: F= 1.9:1.0

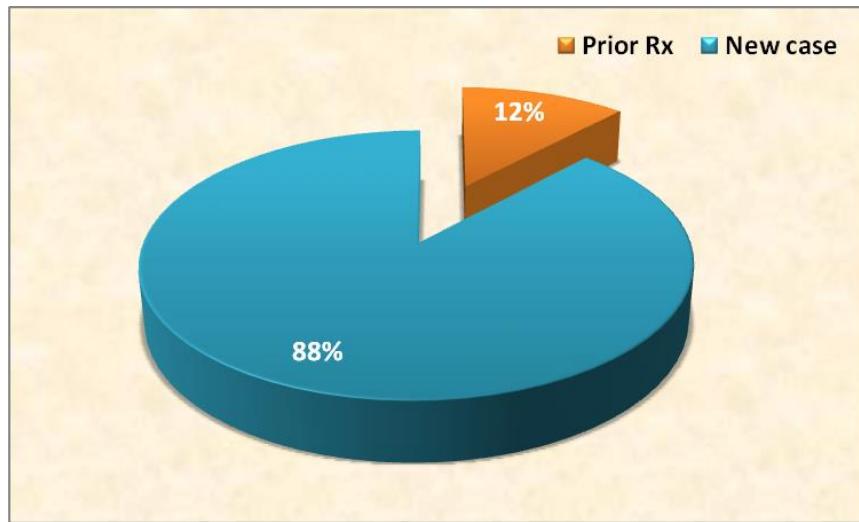


Fig 17: Case referral (GIT)

Table 14: Primary site of GI cancer

Primary site of tumour	Sex		Total
	Male	Female	
Cervical oesophagus	18 (1.3)	34 (4.4)	52 (2.4)
Abdominal oesophagus	1 (.1)	3 (.4)	4 (.2)
Upper 3rd of oesophagus	1 (.1)	0 (.0)	1 (.0)
Middle 3rd of oesophagus	1 (.1)	1 (.1)	2 (.1)
Oesophagus	321 (23.5)	135 (17.6)	456 (21.4)
Gastric antrum	4 (.3)	0 (.0)	4 (.2)
Stomach	300 (22.0)	132 (17.2)	432 (20.3)
Duodenum	4 (.3)	0 (.0)	4 (.2)
Jejunum	13 (1.0)	13 (1.7)	26 (1.2)
Ileum	5 (.4)	4 (.5)	9 (.4)
Cecum	8 (.6)	4 (.5)	12 (.6)
Ascending colon	2 (.1)	1 (.1)	3 (.1)
Hepatic flexure	8 (.6)	2 (.3)	10 (.5)
Sigmoid colon	3 (.2)	6 (.8)	9 (.4)
Colon	80 (5.9)	30 (3.9)	110 (5.2)
Rectosigmoid junction	0 (.0)	4 (.5)	4 (.2)
Rectum	171 (12.5)	119 (15.5)	290 (13.6)
Anus	0 (.0)	2 (.3)	2 (.1)
Anal canal	18 (1.3)	6 (.8)	24 (1.1)
Liver	275 (20.2)	115 (15.0)	390 (18.3)
Gall bladder	97 (7.1)	141 (18.4)	238 (11.2)
Ampula of vater	2 (.1)	2 (.3)	4 (.2)
Head of pancreas	4 (.3)	4 (.5)	8 (.4)
Pancrease	26 (1.9)	9 (1.2)	35 (1.6)
GIT	2 (.1)	0 (.0)	2 (.1)
Total	1364 (100.0)	767 (100.0)	2131 (100.0)

K. Bone

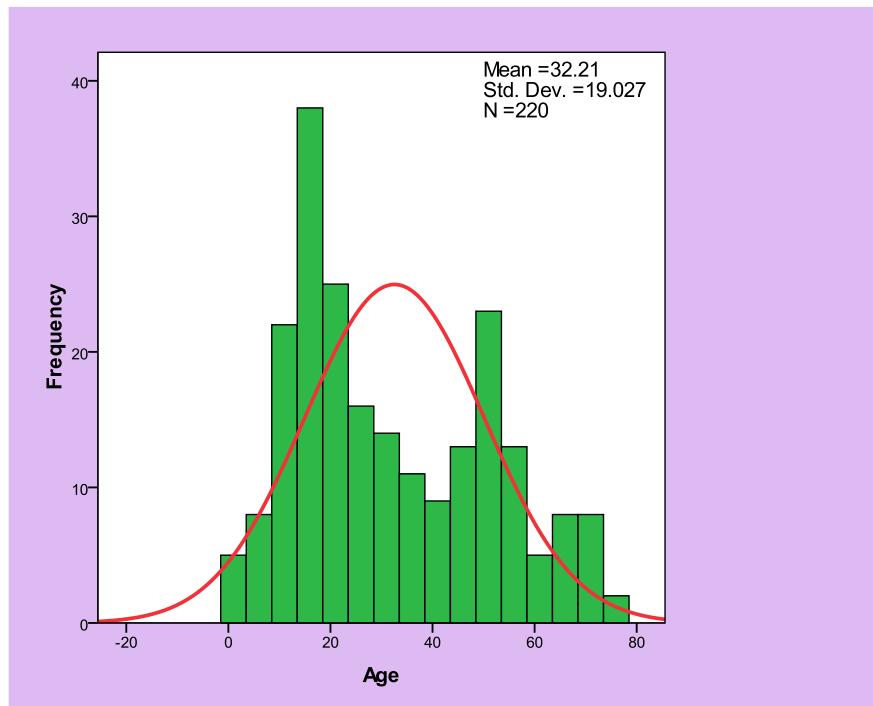


Fig 18: Age distribution
Mean age 32.21 years, SD \pm 19.03 years, M: F= 1.6: 1

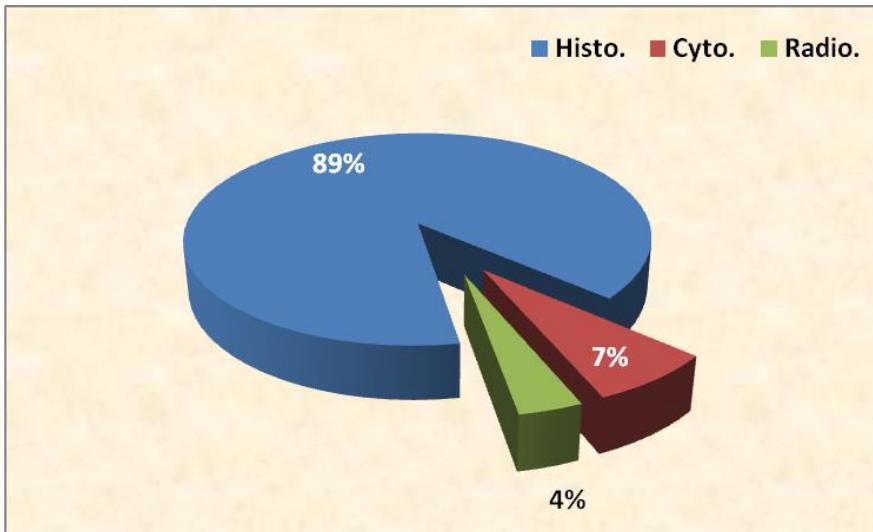


Fig 19: Diagnostic status (Bone cancer)

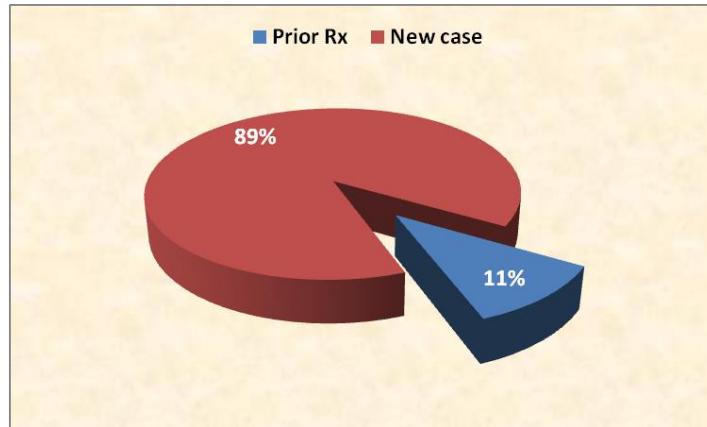


Fig 20: Case referral (Bone cancer)

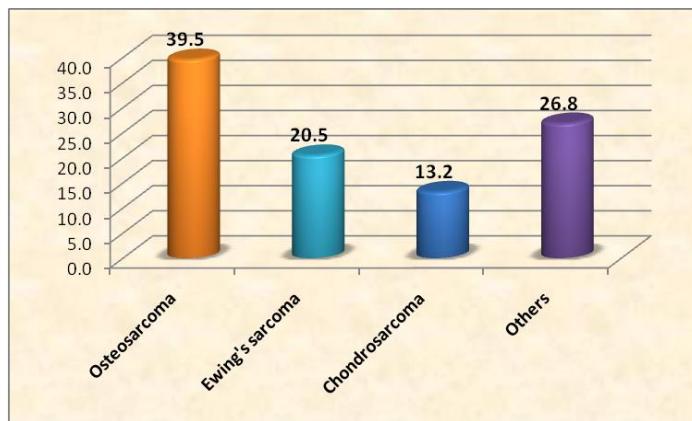


Fig 21: Histological pattern (Bone Cancer)

L. Female genital organs

Table 15: Cancer of female genital organs

site	Frequency	Percent
Cervix	894	77.7
Ovary	82	7.1
Tubo ovarian & Utero ovarian	66	5.7
Uterus	53	4.6
Adenexa	22	1.9
Vagina	18	1.6
Vulva	12	1.0
Other	3	0.3
Total	1150	100.0

M. Cervical cancer:

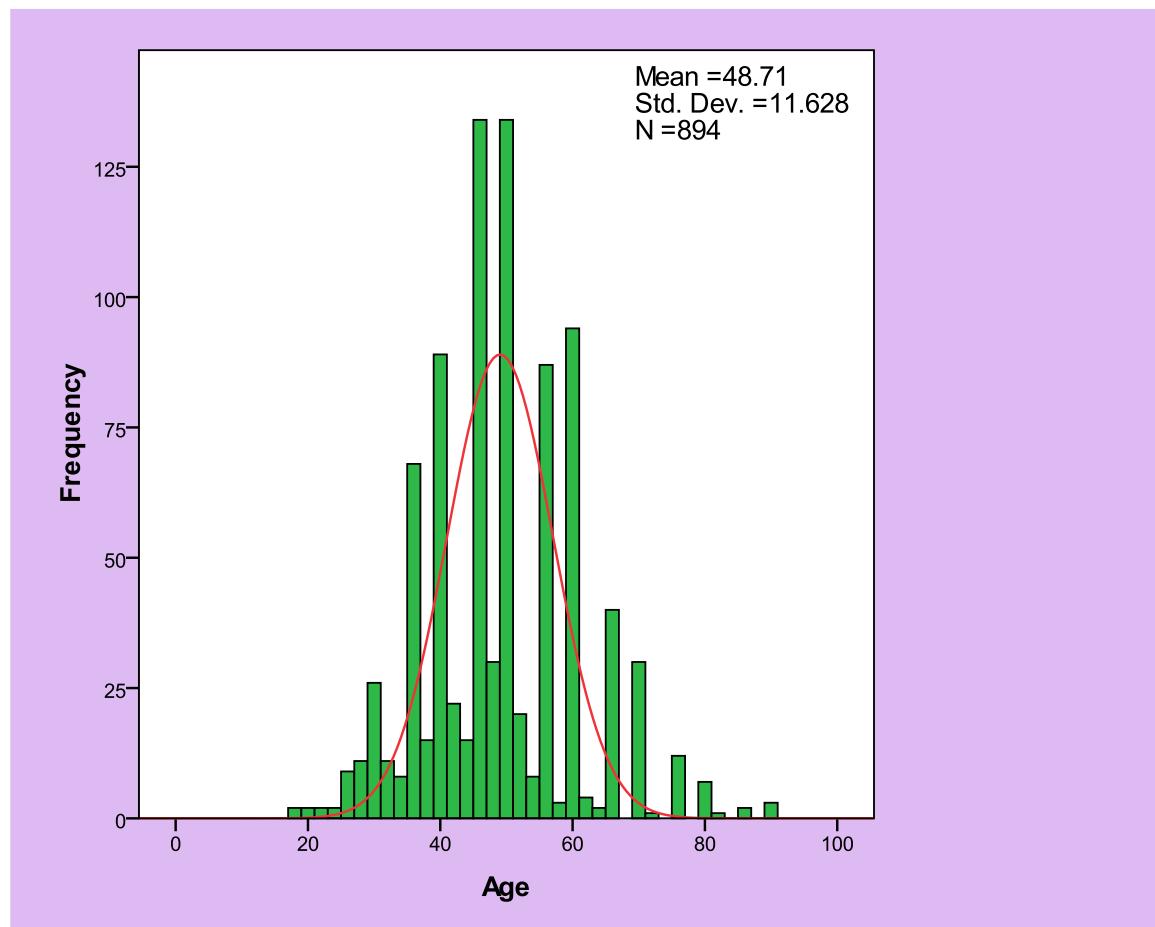


Fig 22: Age distribution of cervical cancer patients
Mean age 48.71, SD \pm 11.628

Table 16: Morphology of cervical cancer (N=894)

Type of Ca Cx	Frequency	Percentage
Sq cell ca	814	91.1
Adenocarcinoma	73	8.2
Other types	7	0.8
Total	894	100.0

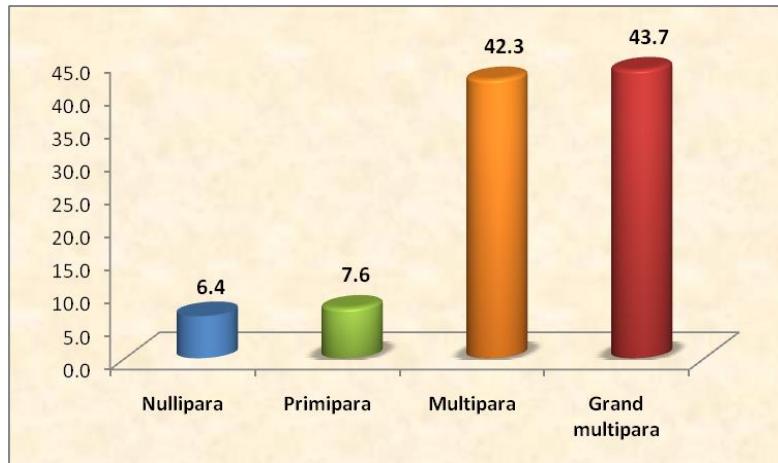


Fig 23: Parity of Ca Cx

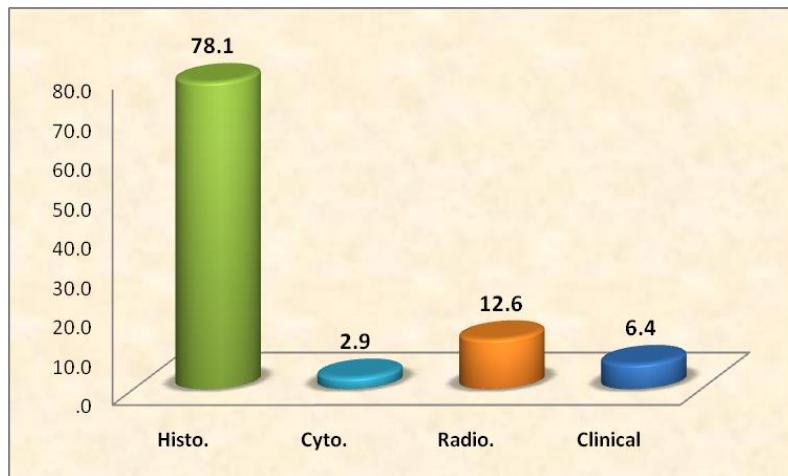


Fig 24: Diagnostic status (Cx)

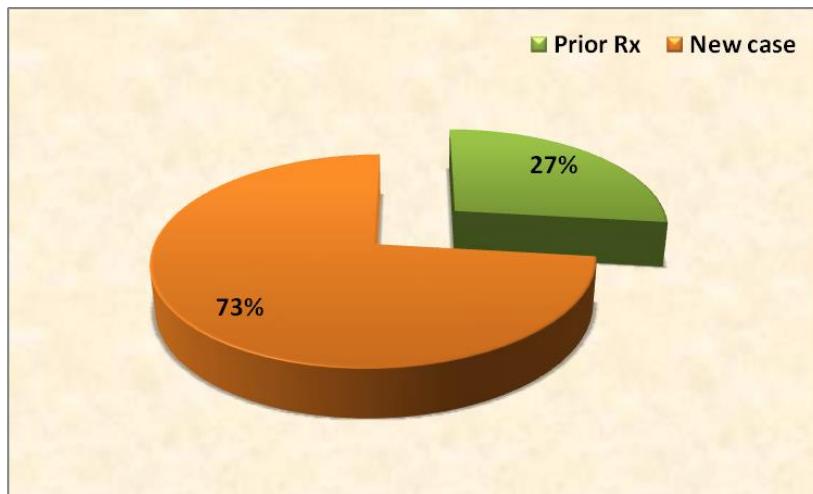


Fig 25: Case referral (Cx)

N. Ovary

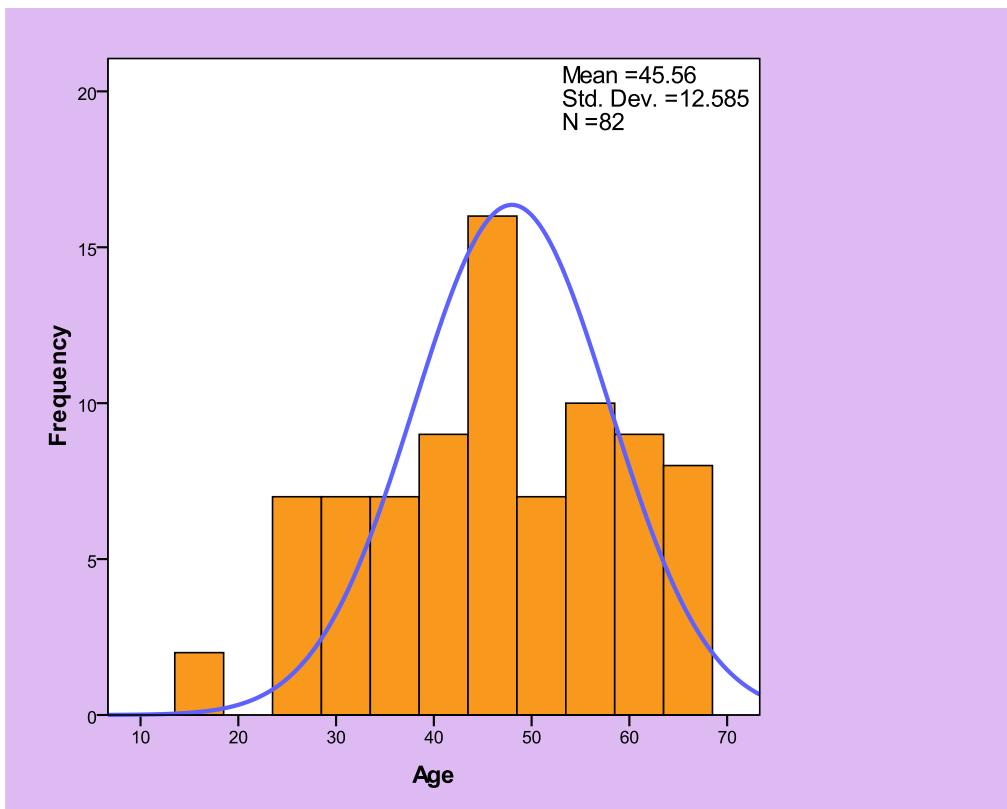


Fig 26: Age distribution of ovarian cancer patients
Mean age 45.56 years SD \pm 12.585 years

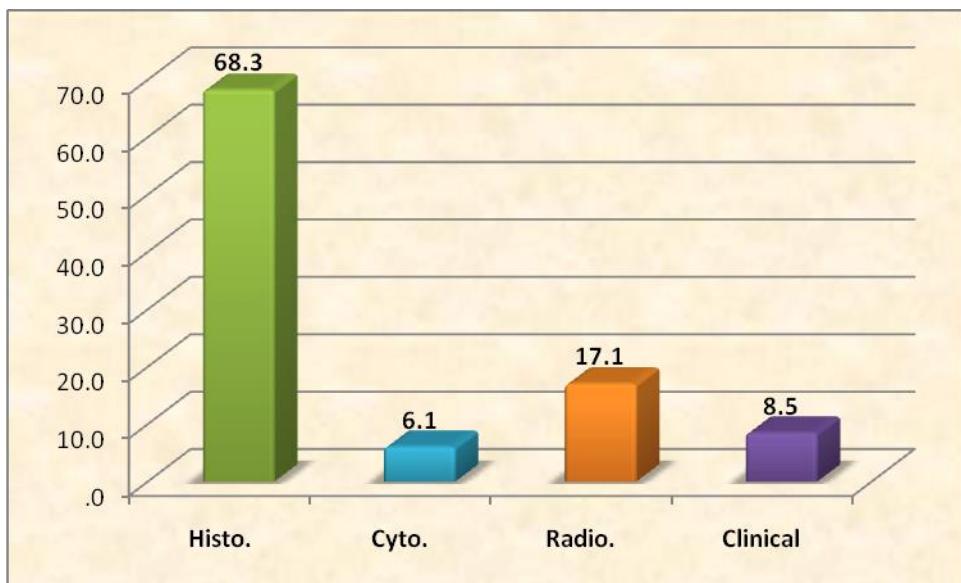


Fig 27: Diagnostic status (ovarian ca)

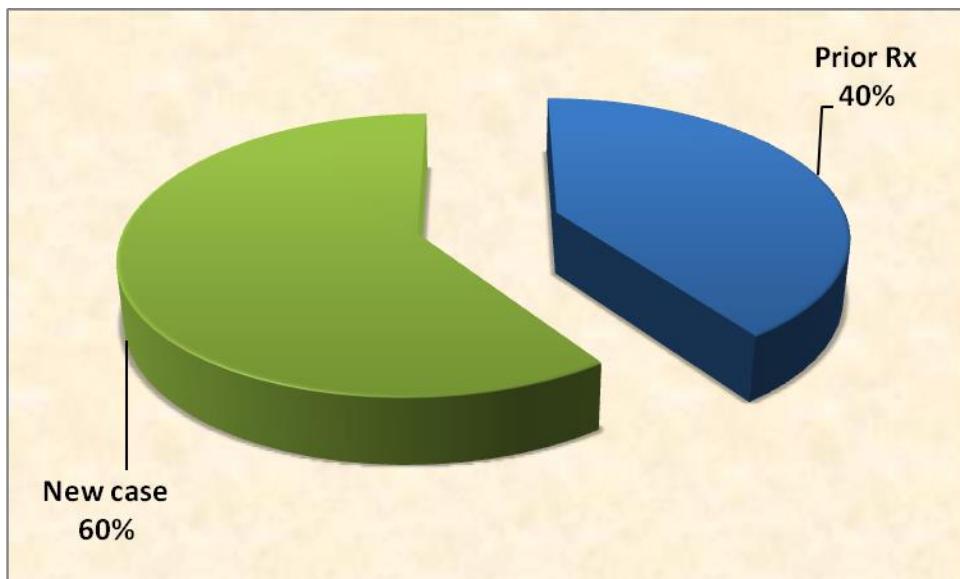


Fig 28: Case referral (Ovarian cancer)

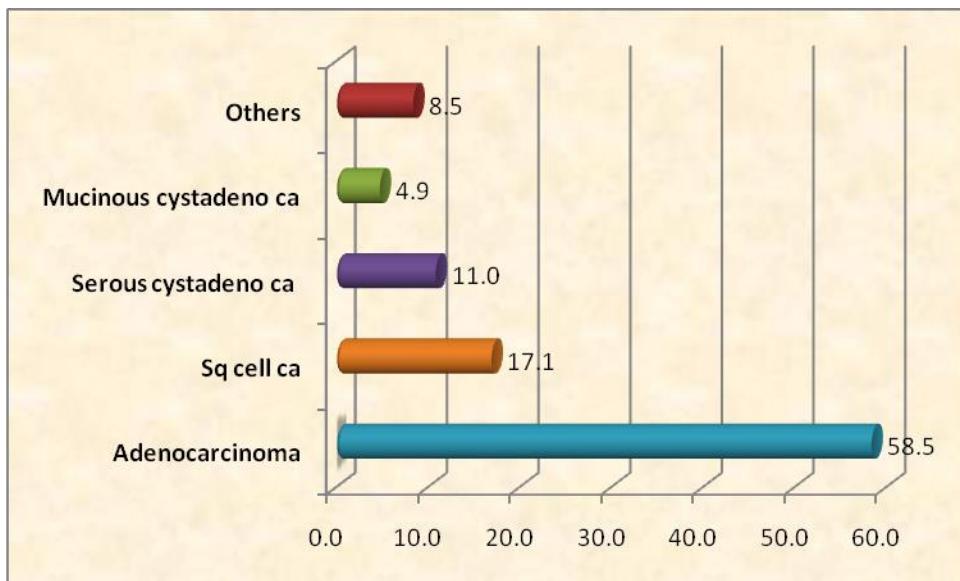


Fig 29: Morphological type (Ovarian ca)

O. Male genital organs

Table 17: Cancer of male genital organs

Site	Number	Percent
Penis	7	4.8
Prostate	88	60.3
Testis	47	32.2
Epididymis	3	2.1
Scrotum	1	0.7
Total	146	100.0

P. Prostate

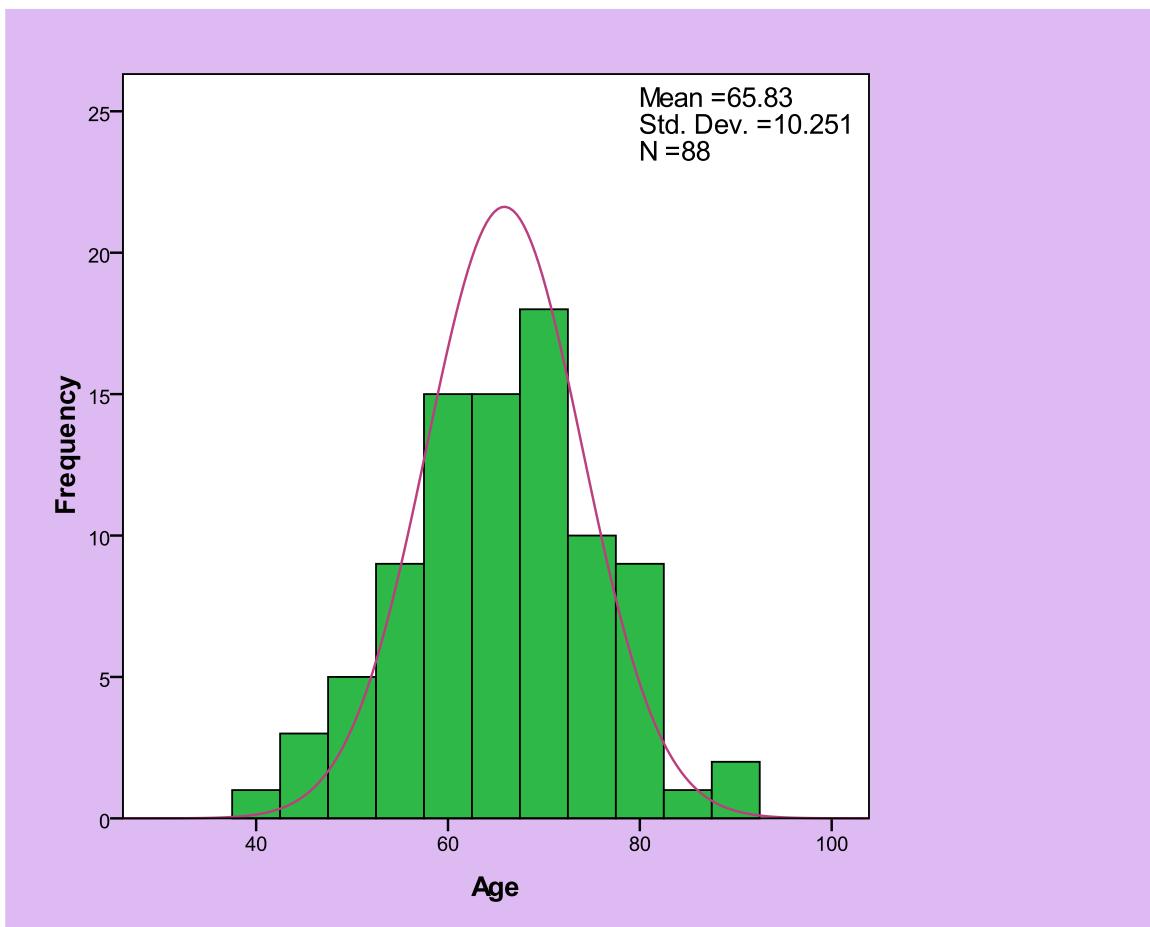


Fig 30: Age distribution of the patients of prostate cancer

Mean age 65.83 years, SD \pm 10.251

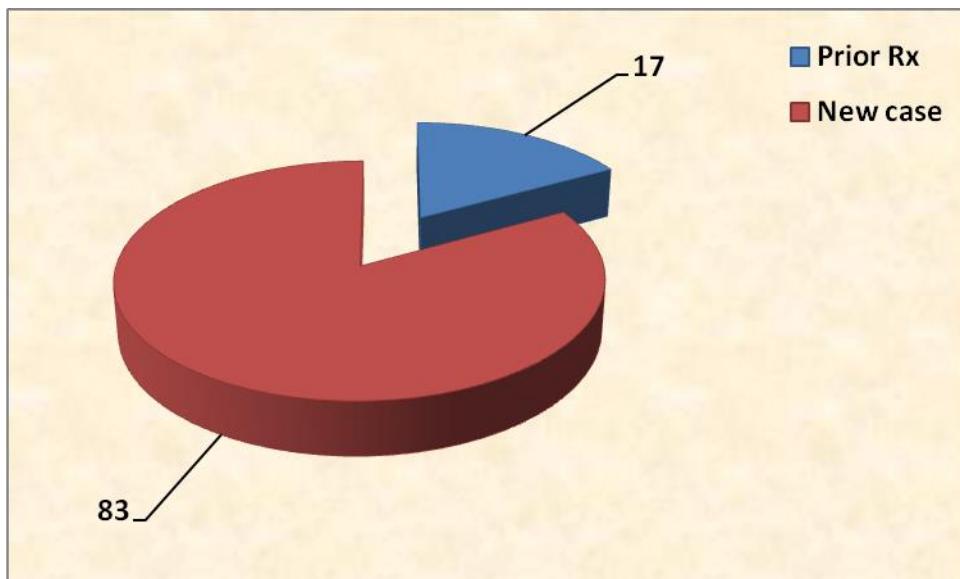


Fig 31: Case referral (prostate ca)

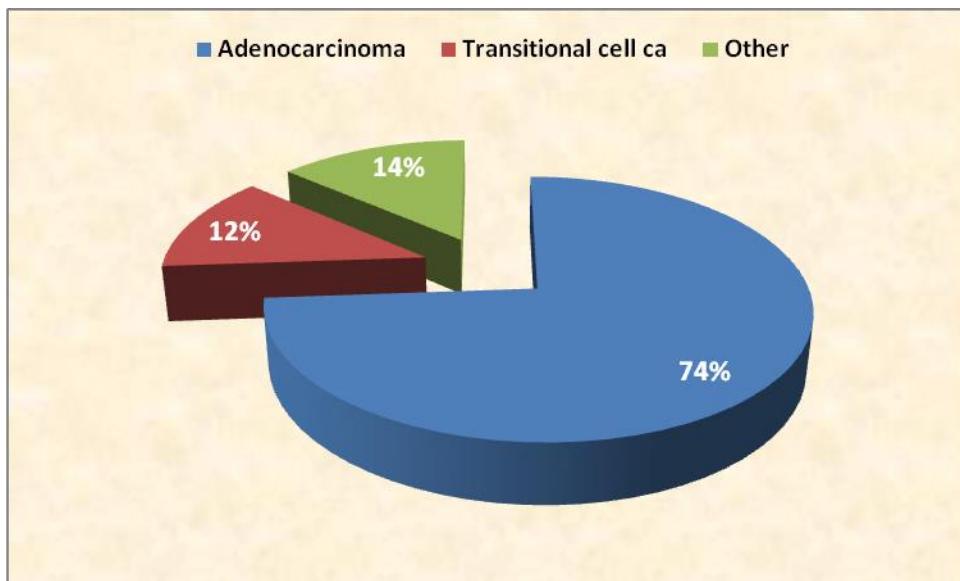


Fig 32: Morphological type (prostate ca)

Q. Kidney & related organs

Table 18: Cancers of kidney & related organs

Primary site of tumour	Sex		Total
	Male	Female	
Kidney	63 (33.5)	18 (33.3)	81 (33.5)
Renal pelvis	11 (5.9)	4 (7.4)	15 (6.2)
Ureter	0 (.0)	1 (1.9)	1 (.4)
Bladder	114 (60.6)	31 (57.4)	145 (59.9)
Total	188 (100.0)	54 (100.0)	242 (100.0)

R. U. Bladder

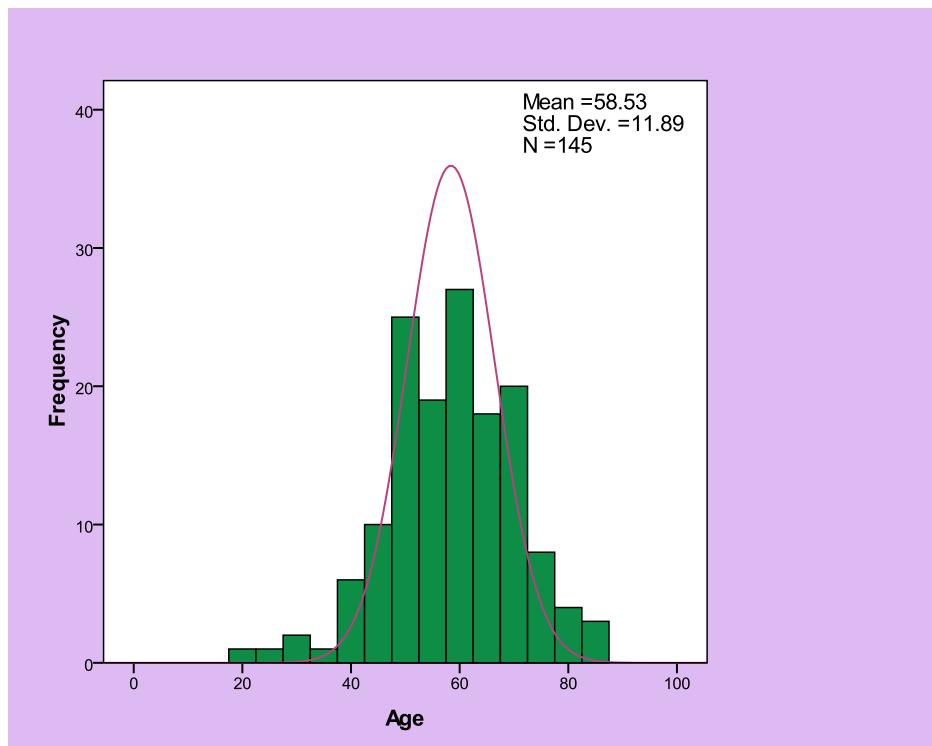


Fig 33: Age distribution of the patients of Urinary Bladder

Mean age 58.53, SD \pm 11.89, M: F= 3.7: 1

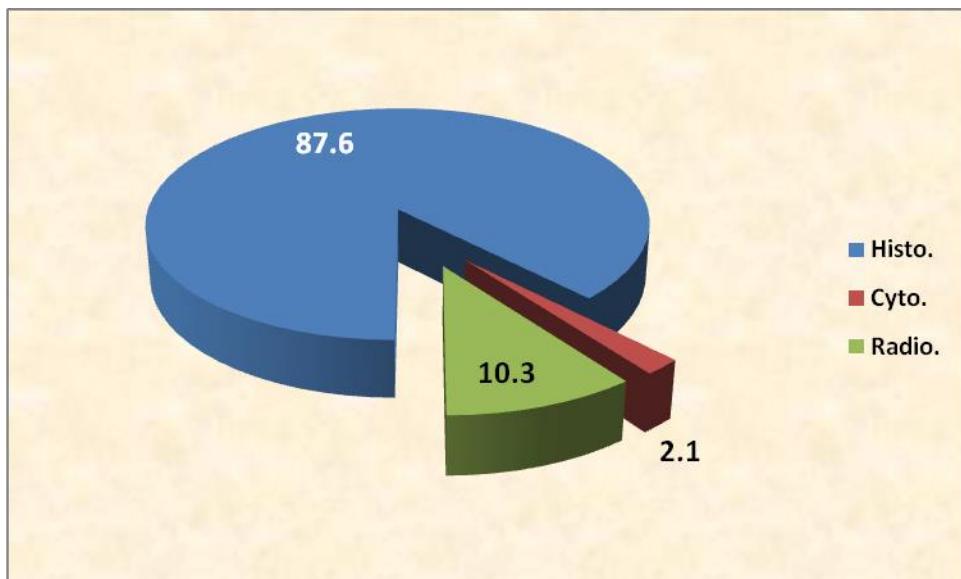


Fig 34: Diagnostic status (Urinary Bladder ca)

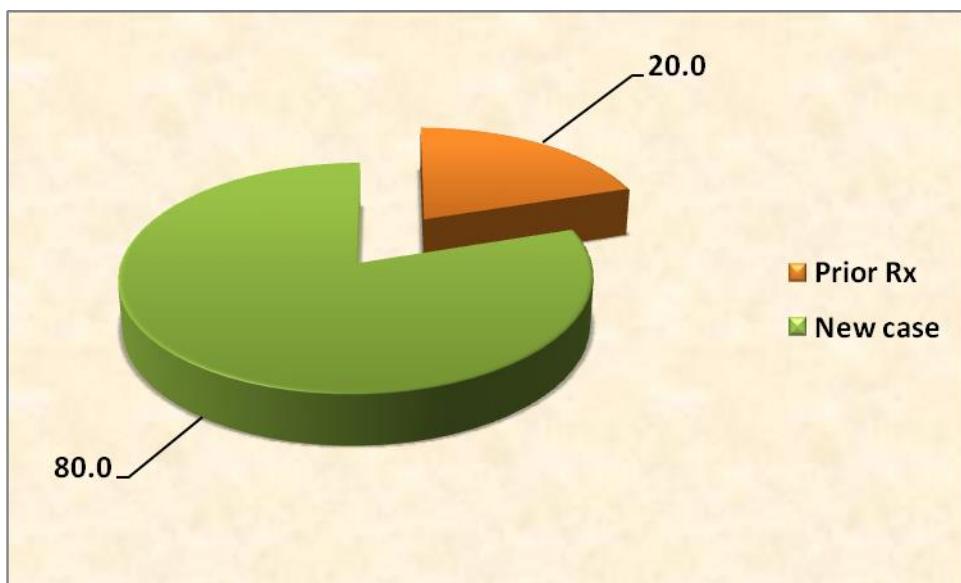


Fig 35: Case referral (Urinary Bladder ca)

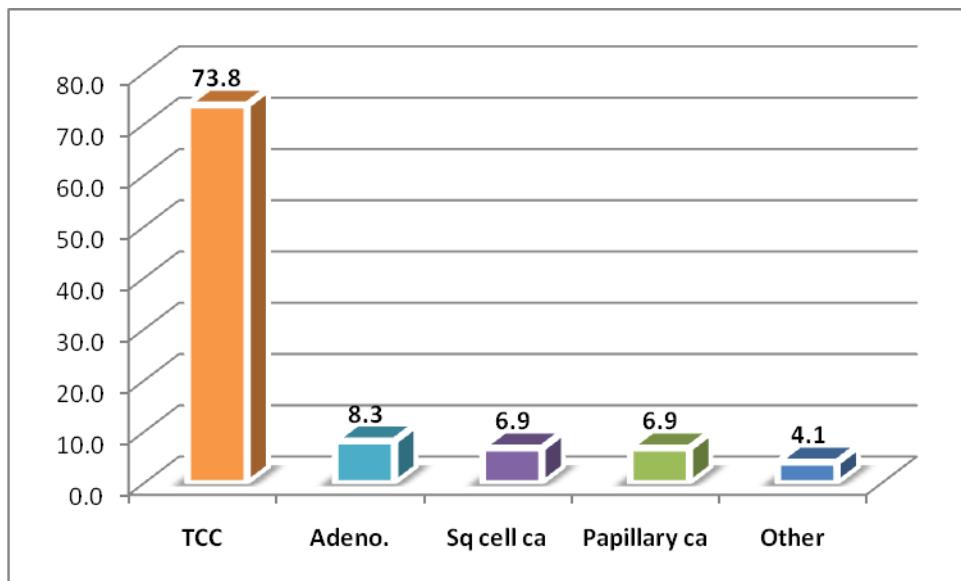


Fig 36: Morphological type of Urinary Bladder ca

S. Lymphatics & Lymph Node

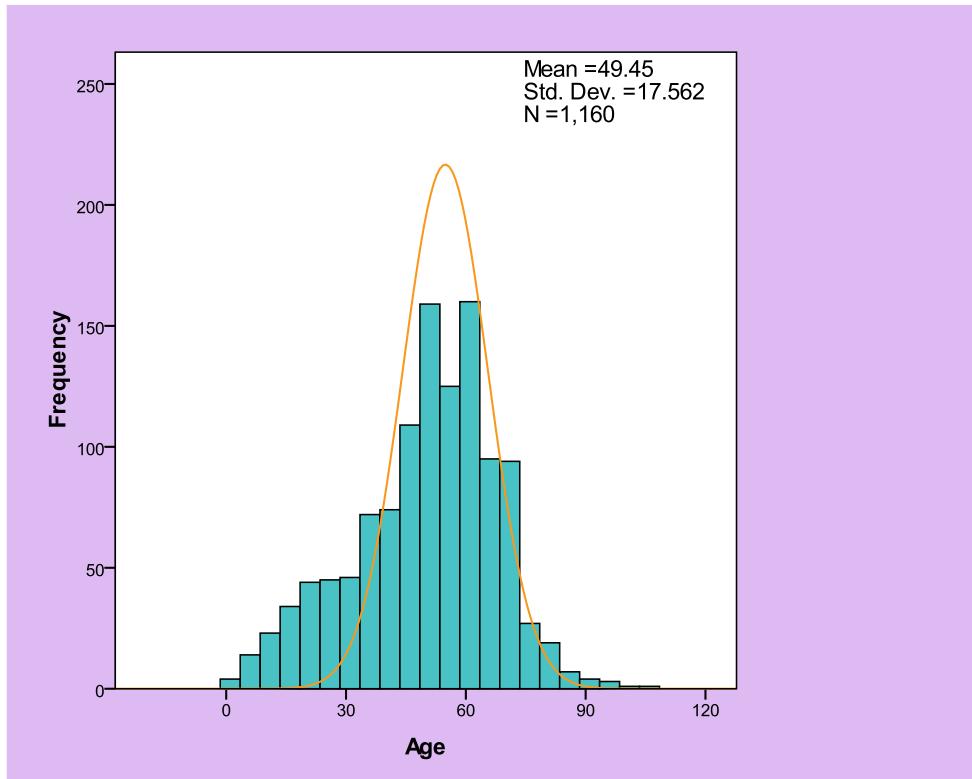


Fig 37: Age distribution (Lymphatics and lymph nodes)
Mean age 49.45 SD \pm 17.562 Years M: F= 2.6:1

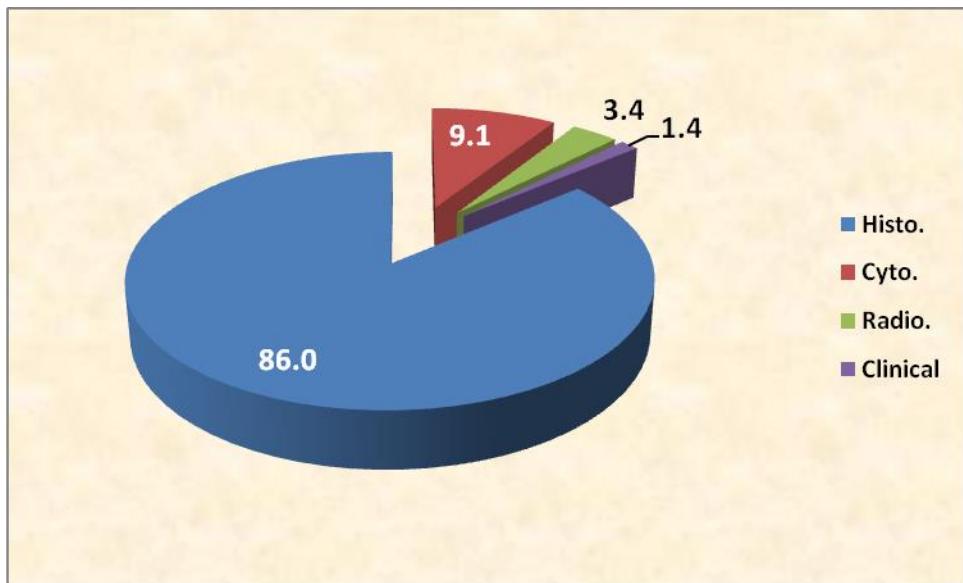


Fig 38: Diagnostic status (Lymphatics and lymph nodes)

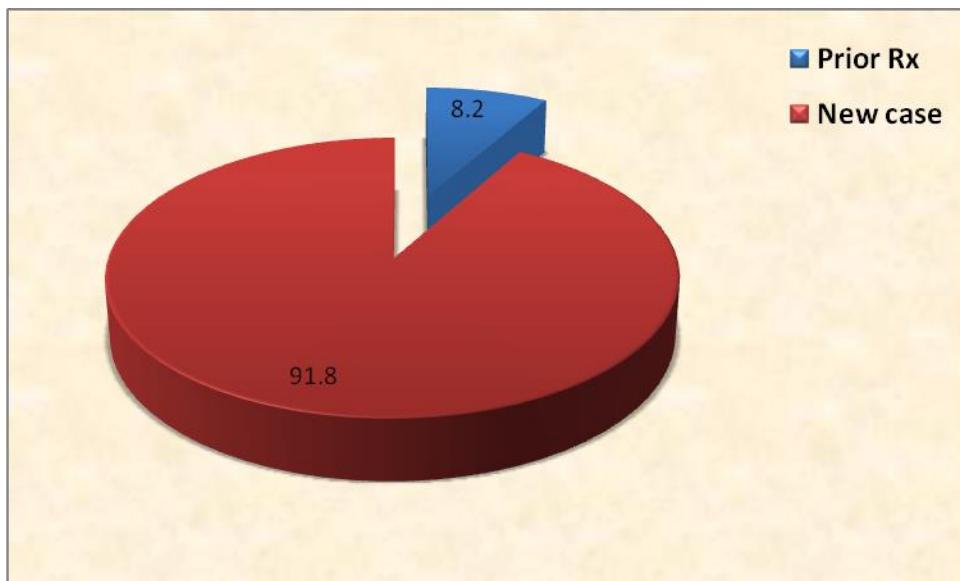


Fig 39: Case referral (Lymphatics and lymph nodes)

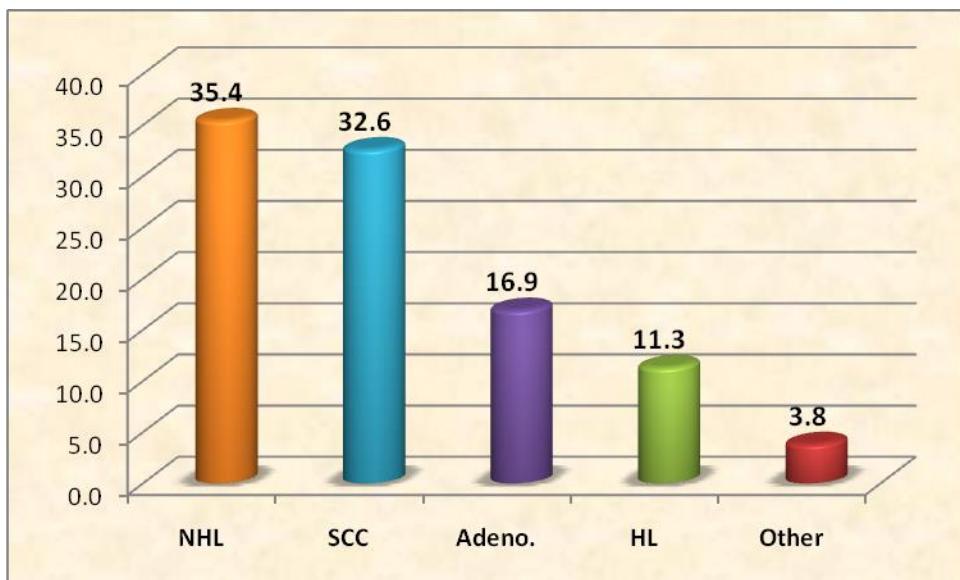


Fig 40: Morphological type (Lymphatics and lymph nodes)

APPENDICES

Male	Age group									
ICD-O		<=14	15-24	25-34	35-44	45-54	55-64	65-74	=>75	Total
C00	LIP	1	1	1	3	4	5	1	1	17
C01.9	Base of the tongue	4	3	7	9	4	8	2	4	41
C02.4	Lingual tonsil	2	0	7	1	1	2	2	0	15
C02.9	Tongue	1	2	7	11	46	43	29	9	148
C03.9	Gum	0	0	0	4	1	1	2	1	9
C04.9	Floor of the mouth	0	1	4	4	7	3	2	3	24
C05.0	Hard palate	1	3	1	2	4	3	2	2	18
C05.1	Soft palate	0	2	1	3	2	5	1	1	15
C05.9	Palate	0	0	0	2	5	3	2	0	12
C06.0	Cheek /buccal mucosa	2	1	4	15	26	28	26	3	105
C06.9	Oral cavity/Buccal cavity	0	2	1	4	9	7	6	2	31
C07.9	Parotid Gland	2	2	3	4	9	7	4	1	32
C08.0	Sub mandibular/maxillary gland	0	1	1	6	12	15	8	4	47
C09.0	Tonsillar fossa	0	0	0	0	2	3	0	1	6
C09.9	Tonsil	0	0	3	4	22	22	11	6	68
C10.0	Valecula	0	0	0	1	1	2	1	1	6
C10.4	Branchial cleft	0	0	0	0	1	3	1	0	5
C10.9	Oropharynx	0	0	0	0	2	3	0	0	5
C11.9	Nasopharynx	3	4	2	4	7	10	2	0	32
C12.9	Pyriformsinus/fossa	3	1	1	11	22	30	17	11	96
C13.0	Cricoid	0	0	0	0	0	0	1	0	1
C13.1	Aryepiglottic fold	0	0	0	1	3	8	2	1	15
C13.9	Hypopharynx	0	0	0	0	1	4	3	0	8
C13.9	Laryngopharynx	0	0	0	0	0	3	0	0	3
C14.0	Pharynx	0	0	0	0	5	4	3	2	14
C15.0	Cervical oesophagus	0	1	2	3	4	5	2	1	18
C15.2	Abdominal oesophagus	0	0	0	0	0	0	1	0	1
C15.3	Upper 3rd of oesophagus	0	0	0	1	0	0	0	0	1
C15.4	Middle 3rd of oesophagus	0	0	0	0	1	0	0	0	1
C15.9	Oesophagus	0	0	3	30	56	118	80	34	321
C16.3	Gastric antrum	0	0	0	3	1	0	0	0	4
C16.9	Stomach	1	4	14	42	70	90	56	23	300
C17.0	Duodenum	0	0	0	1	1	0	1	1	4
C17.1	Jejunum	0	0	1	4	1	4	3	0	13
C17.2	Ileum	0	1	1	1	0	1	0	1	5
C18.0	Cecum	0	0	3	2	1	2	0	0	8
C18.2	Ascending colon	0	0	1	0	0	0	1	0	2
C18.3	Hepatic flexure	0	1	0	0	3	2	2	0	8
C18.7	Sigmoid colon	0	0	0	0	2	1	0	0	3

C18.9	Colon	0	6	12	15	22	12	11	2	80
C20.9	Rectum	1	17	29	36	37	28	19	4	171
C21.1	Anal canal	0	0	4	4	4	4	2	0	18
C22.0	Liver	4	6	29	25	70	75	48	18	275
C23.9	Gall bladder	1	1	8	13	24	23	20	7	97
C24.1	Ampula of vater	0	0	0	1	1	0	0	0	2
C25.0	Head of pancrease	0	0	0	1	0	2	0	1	4
C25.9	Pancrease	0	0	1	9	11	3	1	1	26
C26.9	GIT	0	1	0	0	0	0	1	0	2
C30.0	Nasal cavity	0	0	1	3	1	1	0	1	7
C30.1	Middle ear , inner ear	1	0	0	1	0	3	0	1	6
C31.0	Maxillary sinuses	0	1	2	3	2	3	2	0	13
C31.1	Ethmoid sinuses	0	0	0	0	1	0	0	0	1
C31.2	Frontal sinuses	0	0	0	1	0	1	0	0	2
C32.0	Glottis, Vocal cord	0	0	1	5	21	34	14	7	82
C32.1	Supraglottis, Epiglottis,	1	0	1	8	21	31	28	11	101
C32.9	Larynx	0	1	4	6	23	44	23	8	109
C34.0	Bronchous	1	0	0	0	0	1	0	1	3
C34.1	Upper lobe of lung	2	0	0	0	1	1	0	0	4
C34.2	Middle lobe of lung	0	0	0	0	0	0	1	0	1
C34.3	Lower lobe of lung	0	0	0	0	1	1	0	0	2
C34.9	Lung	1	6	23	86	347	565	493	163	1684
C38.2	Posterior mediastinum	0	0	1	0	1	2	0	0	4
C38.3	Mediastinum	0	0	4	1	5	3	1	2	16
C38.4	Pleura	0	0	4	3	4	8	9	1	29
C39.9	Respiratory tract	0	0	0	0	0	1	0	0	1
C40.0	Long bones & articular cartilages of upper limbs	14	16	7	2	7	2	1	1	50
C40.1	Short bones & articular cartilages of upper limbs	3	5	0	0	0	0	0	0	8
C40.2	Long bones & articular cartilages of lower limbs	0	4	2	0	2	0	0	0	8
C40.3	Short bones & articular cartilages of lower limbs	2	8	2	3	4	0	1	0	20
C40.9	Bones & articular cartilages limbs	1	0	2	0	7	0	0	0	10
C41.0	Bones & articular cartilages of Skull & face	0	0	0	0	0	1	0	0	1
C41.1	Mendible & Jaw	0	0	0	0	0	1	0	0	1

C41.2	Vertebra & Vertebral column	1	0	2	2	2	4	8	0	19
C41.3	Bones & articular cartilages of thoracic cage	0	0	0	0	0	1	0	0	1
C41.4	Bones & articular cartilages of pelvic region	0	1	0	0	0	0	0	0	1
C41.9	Bones & articular cartilages	1	6	4	2	2	1	1	0	17
C42.0	Blood	29	21	25	15	15	10	10	2	127
C42.1	Bone marrow	2	6	2	4	2	0	1	2	19
C44.0	Skin of lip	0	0	0	0	1	0	2	1	4
C44.1	Skin of eye lid	0	0	0	0	0	1	1	0	2
C44.3	Skin of Face	0	0	0	0	1	0	0	0	1
C44.6	Skin of upper limb	0	0	0	0	0	1	1	0	2
C44.7	Skin of lower limb & Hip	0	0	0	0	2	0	0	0	2
C44.9	Skin	0	1	4	1	10	11	7	1	35
C47.0	Peripheral nerve & Autonomic nerve of face	0	0	0	0	0	1	0	0	1
C47.4	Perepheral nerve & Autonomic nerve of Abdomen	0	0	1	0	0	0	0	0	1
C48.0	Retroperitoneum	0	0	0	0	1	0	0	0	1
C48.1	Omentum, Pouch of duglus, Cal de sac	0	1	0	1	4	2	0	0	8
C49.0	Connective tissue of scalp/face/neck	0	3	1	3	3	2	3	4	19
C49.1	Connective tissue of UL,arm, forearm,hand,shoulder,thu m,wris	3	5	1	3	3	3	4	0	22
C49.2	Connective tissue of LL,foot,leg,thigh,hip,knee	5	12	5	8	8	11	8	5	62
C49.3	Lymphatics/Lymphoma	0	1	0	0	0	0	4	2	7
C49.9	Connective tissue	1	0	0	0	0	0	0	0	1
C50.9	Breast	0	0	2	3	9	4	4	1	23
C60.9	Penis	0	1	0	0	2	3	1	0	7
C61.9	Prostate	0	0	0	1	10	24	35	18	88
C62.0	Undesendent testis	1	0	0	0	0	0	0	0	1
C62.1	Desendent testis	0	0	1	0	0	0	0	0	1
C62.9	Testis	3	11	9	10	6	3	3	0	45
C63.0	Epididymis	0	1	0	0	1	0	1	0	3
C63.2	Scortum	0	0	0	0	0	0	0	1	1
C64.9	Kidney	11	0	4	9	11	17	8	3	63

C65.9	Renal pelvis	2	0	0	2	3	3	0	1	11
C67.9	Bladder	0	1	1	5	28	42	27	10	114
C69.0	Conjunctiva	0	0	1	1	1	1	1	1	6
C69.2	Retina	1	0	0	0	0	0	0	0	1
C69.4	Eye ball	6	0	0	0	2	0	2	0	10
C69.6	Orbit	2	1	1	0	2	0	0	2	8
C69.9	Eye	31	0	0	0	1	4	2	2	40
C70.0	Cerbral meningis	0	0	1	0	0	0	0	0	1
C70.1	Spinal menengis	0	0	0	0	0	1	0	0	1
C71.0	Cerebram	3	6	5	5	7	6	2	2	36
C71.1	Frontal lobe	0	0	0	0	1	0	0	0	1
C71.2	Temporal lobe	0	0	0	1	0	0	0	0	1
C71.4	Occipital lobe	0	0	0	0	1	1	0	0	2
C71.6	Cerebellum	0	1	0	0	0	0	0	0	1
C71.8	Brainstem	2	2	0	1	1	0	1	0	7
C71.9	Brain	1	1	3	2	2	5	2	0	16
C73.9	Thyroid	0	4	4	4	8	11	3	0	34
C75.1	Pituitary gland	0	0	1	0	0	0	0	0	1
C76.0	Cheek, Jaw ,Nose	0	0	0	0	2	3	1	0	6
C76.1	Thorax	0	0	0	0	0	1	0	0	1
C76.2	Abdominal wall	1	0	0	3	2	3	1	1	11
C76.3	Pelvis	0	0	1	0	1	0	0	0	2
C77.0	LN of Head face & Neck	8	8	15	35	99	142	98	35	440
C77.2	Intra abdominal LN	0	1	0	0	2	0	1	0	4
C77.3	LN of axilla	1	1	2	6	6	5	1	1	23
C77.4	Inguinal region	1	3	0	10	9	2	7	2	34
C77.5	Pelvic LN	1	4	1	2	0	0	0	0	8
C77.9	LN	31	25	39	47	65	74	36	12	329
C80.9	Un known primary site	3	7	8	15	21	19	15	7	92
Total		203	237	346	603	1310	1717	1251	458	6125
Female		<=14	15-24	25-34	35-44	45-54	55-64	65-74	=>75	Total
C00	LIP	0	1	0	2	7	4	1	1	16
C01.9	Base of the tongue	3	5	4	6	7	8	1	0	34
C02.4	Lingual tonsil	2	0	1	1	3	2	0	0	9
C02.9	Tongue	1	2	8	7	21	10	10	2	61

C03.9	Gum	1	0	0	2	3	4	0	2	12
C04.9	Floor of the mouth	0	0	2	4	4	5	2	0	17
C05.0	Hard palate	0	1	0	2	3	1	1	0	8
C05.1	Soft palate	0	0	3	5	1	3	1	1	14
C05.9	Palate	0	1	1	0	7	1	1	3	14
C06.0	Cheek /buccal mucosa	0	3	3	19	41	45	17	12	140
C06.9	Oral cavity/Buccal cavity	0	0	0	5	9	5	8	1	28
C07.9	Parotid Gland	1	1	1	8	1	5	1	0	18
C08.0	Sub mandibular/maxillary gland	1	2	3	6	7	12	4	3	38
C09.0	Tonsillar fossa	0	0	0	2	1	0	0	0	3
C09.9	Tonsil	0	1	0	2	8	7	3	0	21
C10.0	Valecula	0	0	0	0	1	0	0	0	1
C10.4	Branchial cleft	0	0	0	0	1	0	2	0	3
C10.9	Oropharynx	0	0	0	1	0	0	1	0	2
C11.9	Nasopharynx	0	3	2	2	2	1	1	0	11
C12.9	Pyriformsinus/fossa	2	0	0	0	2	3	0	1	8
C13.1	Aryepiglottic fold	0	0	0	0	0	1	0	0	1
C13.9	Hypopharynx	0	0	0	0	2	1	0	0	3
C14.0	Pharynx	0	0	0	0	1	2	1	0	4
C15.0	Cervical oesophagus	0	3	2	8	8	10	2	1	34
C15.2	Abdominal oesophagus	0	0	0	0	1	2	0	0	3
C15.4	Middle 3rd of oesophagus	0	0	1	0	0	0	0	0	1
C15.9	Oesophagus	0	1	1	13	44	37	27	12	135
C16.9	Stomach	0	3	14	34	33	29	11	8	132
C17.1	Jejunum	0	0	3	2	2	3	3	0	13
C17.2	Ileum	0	0	1	2	1	0	0	0	4
C18.0	Cecum	0	1	1	2	0	0	0	0	4
C18.2	Ascending colon	0	0	0	0	0	1	0	0	1
C18.3	Hepatic flexure	0	0	0	0	0	1	0	1	2
C18.7	Sigmoid colon	0	0	1	3	1	0	1	0	6
C18.9	Colon	0	3	3	11	5	4	4	0	30
	Rectosigmoid junction	0	0	0	1	3	0	0	0	4
C20.9	Rectum	0	7	22	25	32	21	10	2	119
	Anus	0	0	0	0	2	0	0	0	2
C21.1	Anal canal	0	1	1	2	2	0	0	0	6
C22.0	Liver	2	4	6	20	35	31	15	2	115
C23.9	Gall blader	0	2	8	24	45	37	21	4	141
C24.1	Ampula of vater	0	0	1	0	0	1	0	0	2
C25.0	Head of pancrease	0	0	0	1	2	1	0	0	4

C25.9	Pancrease	0	0	1	2	2	2	1	1	9
C30.0	Nasal cavity	1	1	2	2	0	1	1	1	9
C30.1	Middle ear , inner ear	0	0	0	3	0	0	0	0	3
C31.0	Maxillary sinuses	0	1	0	0	4	2	2	0	9
C31.1	Ethmoid sinuses	0	0	0	0	0	2	0	0	2
C31.2	Frontal sinuses	0	0	0	0	1	0	0	0	1
C32.0	Glottis, Vocal cord	0	3	0	1	0	1	1	0	6
C32.1	Supraglottis, Epiglottis,	1	0	1	2	2	4	2	0	12
C32.9	Larynx	0	0	2	1	0	5	0	1	9
C34.1	Upper lobe of lung	1	0	0	0	0	0	0	0	1
C34.2	Middle lobe of lung	0	0	0	0	0	1	0	0	1
C34.9	Lung	0	8	20	34	70	87	59	21	299
C38.3	Mediastinum	0	0	1	0	0	0	0	0	1
C38.4	Pleura	0	2	0	2	7	4	1	0	16
C39.9	Respiratory tract	0	0	1	0	0	0	0	0	1
C40.0	Long bones & articular cartilages of upper limbs	11	6	6	1	2	2	0	0	28
C40.1	Short bones & articular cartilages of upper limbs	2	1	0	0	1	1	0	0	5
C40.2	Long bones & articular cartilages of lower limbs	2	0	0	0	0	0	1	0	3
C40.3	Short bones & articular cartilages of lower limbs	4	5	3	3	2	0	0	0	17
C40.9	Bones & articular cartilages of limbs	1	1	0	2	1	0	0	0	5
C41.0	Bones & articular cartilages of Skull & face	0	1	0	0	0	0	0	0	1
C41.1	Mendible & Jaw	0	0	0	0	2	0	3	0	5
C41.2	Vertebra & Vertebral column	0	0	2	3	2	4	2	0	13
C41.4	Bones & articular cartilages of pelvic region	0	1	0	1	1	0	0	0	3
C41.9	Bones & articular cartilages	1	1	0	1	1	0	0	0	4
C42.1	Blood	16	14	8	9	6	8	4	1	66
C44.0	Bone marrow	2	2	2	3	2	0	0	1	12
C44.1	Skin of eye lid	0	0	0	0	0	0	1	0	1
C44.3	Skin of Face	0	0	0	0	1	0	0	0	1
	Skin of trunk	0	0	0	0	0	0	1	0	1
C44.6	Skin of upper limb	0	0	0	0	0	1	0	0	1
C44.7	Skin of lower limb & Hip	0	0	0	0	0	0	1	0	1

C44.9	Skin	0	0	1	2	11	3	3	0	20
C47.2	Perepheral nerve & Autonomic nerve of lower limb	1	0	0	0	0	0	0	0	1
C47.6	Perepheral nerve & Autonomic nerve of Trunk	1	0	0	0	0	0	0	0	1
C48.0	Retroperitonium	0	1	0	0	0	0	0	0	1
C48.1	Omentum, Pouch of duglus, Cal de sac	0	0	4	1	0	2	1	0	8
C49.0	Connective tissue of scalp/face/neck	1	1	2	2	4	2	1	0	13
C49.1	Connective tissue of UL,arm, forearm,hand,shoulder,thu m,wris	0	0	3	0	3	4	1	0	11
C49.2	Connective tissue of LL,foot,leg,thigh,hip,knee	2	5	1	10	11	3	1	1	34
C49.3	Connective tissue of Thorax	0	0	0	1	0	0	0	0	1
C49.3	Lymphatics/Lymphoma	0	1	1	0	0	1	0	0	3
C50.0	Breast (Nipple/areola)	0	0	2	3	2	0	1	0	8
C50.3	Breast (LIQ)	0	0	0	0	1	0	0	0	1
C50.8	Breast (Over lapping lesion)	0	0	0	0	1	0	0	0	1
C50.9	Breast	3	43	221	450	430	159	52	5	1363
C51.9	Vulva	0	0	0	2	4	5	1	0	12
C52.9	Vagina	0	0	0	6	3	6	2	1	18
C53.9	Cervix	0	8	65	209	326	190	71	25	894
C54.9	Body of uterus	0	0	0	0	0	0	0	1	1
C55.9	Uterus	0	0	7	16	17	10	2	0	52
C56.9	Ovary	0	2	15	16	23	18	8	0	82
C57.4	Adenexa	0	3	4	3	7	3	2	0	22
C57.8	Tubo overian & Utero overian	2	15	10	8	21	9	1	0	66
C57.9	Female genital tract	0	0	2	0	0	0	0	0	2
C58.9	Placenta, Foetal membrane	0	0	0	0	0	0	1	0	1
C64.9	Kidney	3	3	4	0	3	3	2	0	18
C65.9	Renal pelvis	2	0	1	1	0	0	0	0	4
C66.9	Ureter	0	0	1	0	0	0	0	0	1
C67.9	Bladder	0	0	3	3	8	7	8	2	31
C69.4	Eye ball	1	0	0	0	0	0	0	0	1
C69.6	Orbit	0	1	0	0	0	0	0	2	3
C69.9	Eye	12	1	0	1	3	4	1	0	22

C70.0	Cerbral meningis	0	1	0	0	1	0	0	0	2
C70.9	Meninges (NOS)	0	0	1	0	0	0	0	0	1
C71.0	Cerebram	1	3	5	4	2	5	1	0	21
C71.2	Temporal lobe	0	1	0	0	1	0	0	0	2
C71.6	Cerebellum	0	0	0	0	1	0	0	0	1
C71.7	Brainstem	0	0	0	1	0	1	0	0	2
C71.9	Brain	1	0	1	3	1	1	1	0	8
C73.9	Thyroid	1	6	14	11	8	7	3	3	53
C74.9	Adrenal gland	0	0	1	0	0	0	0	0	1
C75.1	Pituitary gland	0	0	0	1	0	0	0	0	1
C76.0	Cheek, Jaw ,Nose	0	0	1	0	1	3	2	1	8
C76.2	Abdominal wall	0	3	2	4	5	6	1	0	21
C76.3	Pelvis	0	1	1	0	0	0	0	0	2
C77.0	LN of Head face & Neck	2	8	15	18	39	35	26	7	150
C77.1	Intra thoracic LN	0	0	0	0	1	0	0	0	1
C77.2	Intra abdominal LN	0	1	0	0	0	0	0	1	2
C77.3	LN of axilla	1	2	5	3	9	4	1	0	25
C77.4	Inguinal region	0	1	2	4	2	3	1	1	14
C77.5	Pelvic LN	1	1	1	1	2	2	3	0	11
C77.9	LN	5	17	11	21	31	19	13	2	119
C80.9	Un known primary site	4	9	9	10	21	11	7	1	72
	Total	99	230	558	1107	1458	949	447	135	4983

SITE AND HISTOLOGY

Site	Male	Female	Total	Site	Male	Female	Total
Lip	17	16	33	Stomach	300	132	432
Sq cell ca	8	9	17	Adenocarcinoma	178	84	262
Basal cell ca	7	6	13	Malignant tumour	103	41	144
Mucoepidermoid ca	1	1	2	Sq cell ca	10	2	12
Malignant tumour	1	0	1	Adenoma	5	3	8
Tongue	199	103	302	Other	4	2	6
Squamous cell carcinoma	188	97	285	Small Intestine	21	177	198
Rhabdomyosarcoma	4	3	7	Adenocarcinoma	17	15	32
Other	7	3	10	NHL	2	1	3
Oral cavity	223	226	449	Papillary adenocarcinoma	1	1	2
Squamous cell carcinoma	173	203	376	Sq cell ca	1	0	1
Adenocarcinoma	6	4	10	Colon	89	42	131
Fibrosarcoma	5	3	8	Adenocarcinoma	81	37	118
Adenocystic carcinoma	6	2	8	Sq cell ca	5	3	8
Malignant melanoma	0	2	2	Malignant tumour	3	2	5
Basal cell carcinoma	4	1	5	Rectum	159	110	269
NHL	3	0	3	Adenocarcinoma	140	98	238
Malignant tumour	22	11	33	Sq cell ca	17	9	26
Other	3	0	3	Adenoma	2	3	5
Salivary glands	79	54	133	Anal canal	18	7	25
Squamous cell carcinoma	33	33	66	Sq cell ca	10	4	14
Mucoepidermoid carcinoma	25	9	34	Adenocarcinoma	7	3	10
Adenocarcinoma	11	6	17	Adenoid Sq cell ca	1	0	1
Adeno cystic carcinoma	3	3	6	Liver	257	108	365
NHL	2	1	3	Hepatocellular ca	212	83	295
Pleomorphic carcinoma	2	0	2	Adenocarcinoma	34	25	59
Malignant tumour	2	0	2	Hepatoblastoma	6	0	6
Sarcoma	1	1	2	Sq cell ca	4	1	5
Other	0	1	1	Gall bladder	88	118	206
Tonsil	72	23	95	Adenocarcinoma	81	112	193
Squamous cell carcinoma	69	20	89	Cholangiocarcinoma	5	4	9
Adenocarcinoma	1	1	2	Sq cell ca	2	2	4
NHL	1	1	2	Pancreas	26	12	38
Other	1	1	2	Adenocarcinoma	25	9	34
Pharynx	160	24	184	Sq cell ca	0	3	3
Squamous cell carcinoma	132	13	145	Cholangiocarcinoma	1	0	1
Malignant tumour	16	8	24	Nose. Middle ear and Sinuses	26	24	50
Adenocarcinoma	5	1	6	Sq cell ca	17	14	31
NHL	4	1	5	Malignant tumour	6	5	11
Other	3	1	4	Adenocarcinoma	3	5	8
Oesophagus	288	144	432	Larynx	286	27	313
Squamous cell carcinoma	234	128	362	Sq cell ca	275	25	300
Adenocarcinoma	50	13	63	Adenocarcinoma	8	2	10
Lymphoma	4	3	7	Malignant tumour	2	0	2
				Other	1	0	1

SITE AND HISTOLOGY (cond.)

Site	Male	Female	Total	Site	Male	Female	Total
Lungs	1636	288	1924	Connective tissue	108	61	169
Sq cell ca	810	100	910	Sq cell ca	31	23	54
Adenocarcinoma	474	140	614	Malignant tumour	20	10	30
Small cell ca	208	18	226	Osteosarcoma	10	4	14
Small cell type	99	21	120	Fibrosarcoma	8	2	10
Large cell ca	22	4	26	Sarcoma	5	4	9
Malignant tumour	18	3	21	Fibrous histiocytoma	7	2	9
Other	5	2	7	Adenocarcinoma	4	4	8
Medistinum, pleura and thymus	38	9	47	Liposarcoma	3	2	5
Sq cell ca	14	2	16	Chondrosarcoma	4	0	4
Adenocarcinoma	12	1	13	NHL	2	1	3
Small cell type	5	3	8	Rhabdomyosarcoma	2	1	3
Malignant tumour	7	3	10	Lymphoma	2	1	3
Bones and cartilage	136	84	220	Dermato fibroma	2	1	3
Osteosarcoma	57	25	82	Embryonal sarcoma	2	1	3
Ewing's sarcoma	24	14	38	Hodgkins' Lymphoma	1	1	2
Fibrous histiocytoma	11	8	19	Malignant melanoma	1	1	2
Sq cell ca	8	9	17	Ewing's sarcoma	1	1	2
Sarcoma	6	8	14	Spindle cell ca	1	1	2
Fibrosarcoma	6	7	13	Neurofibrosarcoma	1	1	2
Chondrosarcoma	8	4	12	Lymphangiosarcoma	1	0	1
Malignant tumour	5	4	9	Breast	23	1348	1371
Adenocarcinoma	6	2	8	Duct cell ca	20	1342	1362
Other	5	3	8	Medullary ca	0	2	2
Blood and haematopoietic system	145	78	223	Lobuler ca	0	2	2
Acute Lymphoblastic Leukemia	66	39	105	Sq cell ca	1	2	3
Acute Myeloid/Gralulocytic Leukemia	38	23	61	Adenocarcinoma	2	0	2
Chronic Myeloid/Gralulocytic Leukemia	18	8	26	Vulva and vagina	-	25	25
Leukemia	8	4	12	Sq cell ca	-	21	21
Chronic Monocytic leukemia	8	2	10	Adenocarcinoma	-	3	3
Chronic Lymphocytic Leukemia	5	1	6	Fibrous histiocytoma	-	1	1
Multiple myeloma	2	1	3	Cervix	-	783	783
Skin	46	25	71	Sq cell ca	-	702	702
Sq cell ca	19	9	28	Adenocarcinoma	-	76	76
Basal cell ca	18	11	29	Adenoid Sq cell ca	-	3	3
Malignant melanoma	6	2	8	Germ cell tumour	-	2	2
Adenocarcinoma	2	2	4	Uterus	-	45	45
Liposarcoma	1	1	2	Sq cell ca	-	23	23
Perpheral nerves	2	2	4	Adenocarcinoma	-	18	18
Sq cell ca	2	0	2	Endrometroid ca	-	2	2
Neuroblstoma	1	1	2	Leiomyosarcoma	-	1	1
Peritoneum	9	9	18	Serous cystadeno ca	-	1	1
Adenocarcinoma	8	5	13				
Sq cell ca	1	1	2				
Malignant tumour	0	2	2				

SITE AND HISTOLOGY (cond.)

Site	Male	Female	Total	Site	Male	Female	Total
Ovary	-	74	74	Ureter and bladder	112	30	142
Adenocarcinoma	-	41	41	Transitional cell ca	85	22	107
Dysgerminoma	-	2	2	Adenocarcinoma	9	3	12
Serous cystadeno ca	-	10	10	Sq cell ca	9	2	11
Sq cell ca	-	13	13	Papillary ca	7	3	10
Papillary adenocarcinoma	-	1	1	Malignant tumour	2	0	2
Mucinous cystadeno ca	-	3	3	Eye and adnexa	65	26	91
Granulosa cell tumour	-	1	1	Retinoblastoma	40	17	57
Germ cell tumour	-	2	2	Sq cell ca	13	3	16
Fibrosarcoma	-	1	1	Adenocarcinoma	3	3	6
Unspecified female genital organs	-	69	69	Malignant tumour	4	2	6
Sq cell ca	-	18	18	NHL	3	0	3
Adenocarcinoma	-	19	19	Basal cell carcinoma	2	1	3
Serous cystadeno ca	-	4	4	Brain and meninges	60	35	95
Dysgerminoma	-	2	2	Astrocytoma	23	14	37
Mucinous cystadeno ca	-	2	2	Glioblastoma	16	6	22
Malignant tumour	-	24	24	Glioma	10	5	15
Penis	7	-	7	Meningioma	2	6	8
Sq cell ca	5	-	5	Neuroblastoma	3	2	5
Malignant tumour	2	-	2	Ependymoma	3	1	4
Prostate	77	-	77	Adenocarcinoma	2	1	3
Adenocarcinoma	65	-	65	Medulloblastoma	1	0	1
Transitional cell ca	8	-	8	Thyroid	35	53	88
Sq cell ca	3	-	3	Papillary ca	25	41	66
Malignant tumour	1	-	1	Follicular ca	6	6	12
Testis	44	-	44	Medullary ca	1	3	4
Seminoma	22	-	22	Adenocarcinoma	1	2	3
Malignant tumour	5	-	5	Malignant tumour	1	1	2
Sertoli cell tumour	4	-	4	Sq cell ca	1	0	1
Embryonal sarcoma	2	-	2	III defined sites	16	24	40
Embryonal carcinoma	2	-	2	Malignant tumour	5	13	18
Teratoma	2	-	2	Sq cell ca	7	8	15
Germ cell tumour	2	-	2	Adenocarcinoma	2	1	3
Adenocarcinoma	2	-	2	Fibrosarcoma	1	1	2
Leydig cell tumour	2	-	2	Sarcoma	1	1	2
Teratocarcinoma	1	-	1	Lymph nodes	821	308	1129
Unspecified male genital Organ	4	-	4	NHL	301	110	411
Sq cell ca	3	-	3	Sq cell ca	214	64	278
Adenocarcinoma	1	-	1	Adenocarcinoma	145	51	196
Kidney	71	22	93	Hodgkins' Lymphoma	46	25	71
Renal cell ca	50	18	68	Fibrosarcoma	6	2	8
Nephroblastoma	11	2	13	Small cell ca	11	3	14
Transitional cell ca	4	1	5	Follicular ca	4	2	6
Adenocarcinoma	3	0	3	Mucoepidermoid	3	2	5
Sq cell ca	3	0	3	Malignant tumour	91	49	140
Angiomyosarcoma	0	1	1				

Trend of main three cancers at NICRH (2005-2014)

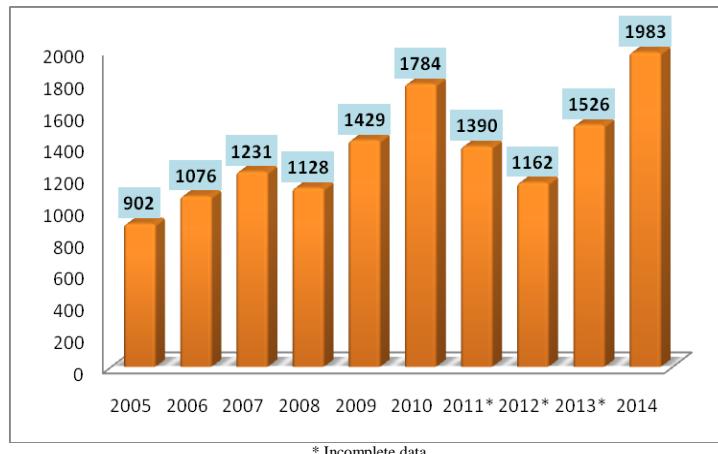


Fig. 42: Lung cancer trend at NICRH (2005-2014)

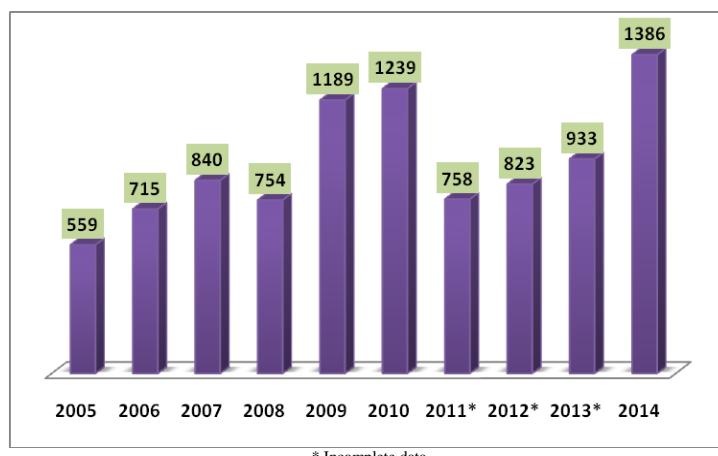


Fig. 43: Breast cancer trend at NICRH (2005-2014)

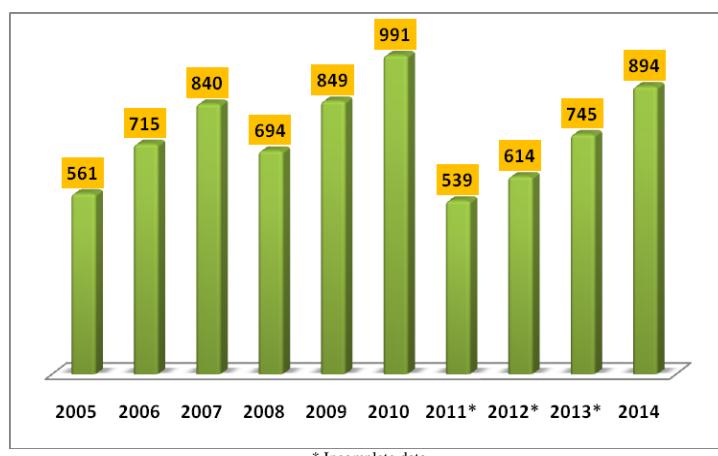


Fig. 44: Cervical cancer trend at NICRH (2005-2014)

Government of the People's Republic of Bangladesh
NATIONAL INSTITUTE OF CANCER RESEARCH AND HOSPITAL

MOHFW

WHO

HOSPITAL CANCER REGISTRY FORM

NICRH

1 HOSPITAL REGISTRATION NO. :

--	--	--	--	--	--	--	--

2 DATE OF REGISTRATION :

Day	Month	Year	
-----	-------	------	--

3 NAME OF PATIENT :
(in capital letters)

--

4 FATHER'S NAME :
(in capital letters)

--

5 MOTHER'S NAME :
(in capital letters)

--

6 HUSBAND'S NAME (*if married*) :
(in capital letters)

--

7 PRESENT ADDRESS :

8 PERMANENT ADDRESS (*if different from above*)

9 AGE (*in completed years*) :

--	--	--	--

10 SEX : 1. Male 2. Female 3. Others (*specify*).....

--

11 RELIGION : 1. Islam 2. Hinduism 3. Christianity 4. Buddhism 5. Others (*specify*).....

--

12 MARITAL STATUS : 1. Unmarried 2. Married 3. Widowed 4. Divorced 5. Others (*specify*).....

--

13 EDUCATION : 1. Not applicable (*for children below 5 years*) 2. Illiterate 3. Primary 4. Secondary
5. Higher Secondary 6. Graduate and above 7. Others (*specify*).....

--

14 OCCUPATION : 1. Service holder 2. Businessman 3. Agricultural worker 4. Day labourer
5. Housewife 6. Retired/Aged 7. Industrial/Factory worker 8. Others (*specify*).....

--

15 FAMILY INCOME (*in Taka*) :

Monthly	
or	
Yearly	

16 CURRENT TOBACCO SMOKING HABIT

1. Yes | 2. No

--

17 IF YES, DURATION OF SMOKING (*in years*)

--	--

18 EVER TOBACCO SMOKING HABIT

1. Yes | 2. No

--

19 CURRENT TOBACCO CHEWING HABIT

1. Yes | 2. No

--

20 PARITY (*in case of female*)

--	--

21 SOURCE OF REFERRAL : 1. Self 2. GP 3. Specialist/Oncologist 4. Govt. Hosp. 5. Private Hosp/clinic

6. Cancer Centre/home 7. Others (*specify*).....

CANCER REGISTRATION NO. :

Year	Reg. No.					

22	DIAGNOSTIC STATUS (<i>During registration at NICRH</i>) :	<input type="checkbox"/>																											
	1. Histopathologically confirmed	2. Cytopathologically confirmed																											
	3. Suspected (<i>Microscopically/Radiologically</i>)	4. Clinical Diagnosis																											
	5. Others (Specify)																												
23	METHOD OF DIAGNOSIS (<i>Most valid final basis</i>)	<input type="checkbox"/> <input type="checkbox"/>																											
	1.Clinical only	2.Radiological	3.Endoscopic																										
	4.Exploratory surgery	5.Specific biochemical and /or immunological test	6.Cytology																										
	7.Blood film	8.Bone Marrow	9.Histology of Primary																										
	10.Histology of Metastasis	11.Others (Specify)																											
24	CLINICAL EXTENT OF DISEASE (<i>Before treatment at NICRH</i>)	<input type="checkbox"/>																											
	1.In situ	2.Localised	3.Direct extension	4.Regional lymph nodes																									
	5.Distant Metastasis with organ (specify)	6.Disseminated	7.Unknown Primary																										
25	STAGING SYSTEM : 1. TNM 2. AJCC 3.Others (Specify)	4. Not applicable	<input type="checkbox"/>																										
26	TNM (Tumor, Node, Metastasis) (<i>888 if not applicable</i>)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																											
27	COMPOSITE STAGE (<i>888 if not applicable</i>)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																											
28	PRIMARY SITE OF TUMOR (<i>ICD-O</i>) <i>Topography</i>	<input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> .																											
29	PRIMARY HISTOLOGY (<i>ICD-O</i>) <i>Morphology</i>)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> \ <input type="checkbox"/> <input type="checkbox"/>																											
30	SECONDARY (<i>Metastasis</i>) SITE OF TUMOR (<i>ICD-O</i>)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																											
31	SECONDARY HISTOLOGY / FNAC (<i>METASTASIS</i>)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> \ <input type="checkbox"/> <input type="checkbox"/>																											
32	ICD-10 CODE	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																											
33	SEQUENCE : (1) One primary only (2) First of two or more primaries . (3) Second of two or more primaries etc.	<input type="checkbox"/>																											
34	LATERALITY : 1.One primary only (<i>not a paired site</i>) 2.Right 3.Left 4.Only one site involved, right or left, unknown 5.Bilateral involvement, lateral origin unknown 6.Paired site, but no information concerning laterality	<input type="checkbox"/>																											
35	TREATMENT GIVEN PRIOR TO REGISTRATION AT NICRH : 1.Yes 2.No 3.Unknown	<input type="checkbox"/>																											
36	IF YES,TYPE OF TREATMENT GIVEN :	<input type="checkbox"/> <input type="checkbox"/>																											
<table border="1"> <tr> <td>(1) Surgery (S)</td> <td>(2) Radiotherapy (R)</td> <td>(3) Chemotherapy (C)</td> <td>(4) Immunotherapy (I)</td> <td>(5)Hormone Therapy (H)</td> </tr> <tr> <td>(6) S + R</td> <td>(7) S + C</td> <td>(8) R + C</td> <td>(9) S + R + C</td> <td>(10) S + H</td> </tr> <tr> <td>(11) R + H</td> <td>(12) C + H</td> <td>(13) S + R + H</td> <td>(14) S + C + H</td> <td>(15) R + C + H</td> </tr> <tr> <td>(16) S + R + C + H</td> <td>(17) S+I</td> <td>(18) R+I</td> <td>(19) C+I</td> <td>(20) S+R+I</td> </tr> <tr> <td>(21) S+C+I</td> <td>(22) C+R+I</td> <td>(23) S+R+C+I</td> <td>(24) Other (Specify).....</td> <td>(25) Unknown</td> </tr> </table>					(1) Surgery (S)	(2) Radiotherapy (R)	(3) Chemotherapy (C)	(4) Immunotherapy (I)	(5)Hormone Therapy (H)	(6) S + R	(7) S + C	(8) R + C	(9) S + R + C	(10) S + H	(11) R + H	(12) C + H	(13) S + R + H	(14) S + C + H	(15) R + C + H	(16) S + R + C + H	(17) S+I	(18) R+I	(19) C+I	(20) S+R+I	(21) S+C+I	(22) C+R+I	(23) S+R+C+I	(24) Other (Specify).....	(25) Unknown
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(11) R + H	(12) C + H	(13) S + R + H	(14) S + C + H	(15) R + C + H																									
(16) S + R + C + H	(17) S+I	(18) R+I	(19) C+I	(20) S+R+I																									
(21) S+C+I	(22) C+R+I	(23) S+R+C+I	(24) Other (Specify).....	(25) Unknown																									
37	PERFORMANCE STATUS BEFORE TREATMENT AT NICRH	<input type="checkbox"/>																											
	1. Able to carry out all normal activity without restriction. 2. Restricted in physically strenuous activity but ambulatory and able to carry out light work. 3. Ambulatory and capable of all self-care but unable to carry out any work up and about more than 50 % of waking hours. 4. Capable of only limited self-care; confined to bed or chair more than 50% of waking hours. 5. Completely disabled; cannot carry any self-care totally confined to bed or chair.																												
38	INTENTION OF TREATMENT : 1.Curative 2. Palliative 3.Terminal Care	<input type="checkbox"/>																											
39	DATE OF COMMENCEMENT OF SPECIFIC TREATMENT AT NICRH :	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																											
Day Month Year																													
HOSPITAL REGISTRATION NO. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																													
CANCER REGISTRATION NO. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Year Reg. No.																													

40 TREATMENT GIVEN AT NICRH : 1.Yes 2.No 3.Treatment advised but not accepted

4.Incomplete treatment 5.Unknown

41 If yes, type of treatment given :

(1) Surgery (S)	(2) Radiotherapy (R)	(3) Chemotherapy (C)	(4) Immunotherapy (I)	(5)Hormone Therapy (H)
(6) S + R	(7) S + C	(8) R + C	(9) S + R + C	(10) S + H
(11) R + H	(12) C + H	(13) S + R + H	(14) S + C + H	(15) R + C + H
(16) S + R + C + H	(17) S+I	(18) R+I	(19) C+I	(20) S+R+I
(21) S+C+I	(22) C+R+I	(23) S+R+C+I	(24) Other (Specify).....	(25) Unknown

42 Surgery : 1.Palliative 2.Curative

43 Radiotherapy :

Type	Total Dose (cGy)
1 Teletherapy
2 Brachy therapy
3 Combined
4 Others (specify)

44 Chemotherapy 1.Neo adjuvant 2.Adjuvant 3.Others (specify).....

45 Hormone therapy (specify)

46 Immunotherapy (specify)

Follow-up at 6 months or earlier:

47 Vital Status of Patient: 1.Known 2.Unknown

48 If known: 1.Dead 2.Alive

If Alive:

49 PERFORMANCE STATUS (WHO) AT FIRST FOLLOW UP OR AT 6 MONTHS WHICHEVER IS EARLIER :

1. Able to carry out all normal activity without restriction
2. Restricted in physically strenuous activity but ambulatory and able to carry out light work
3. Ambulatory and capable of all self-care but unable to carry out any work up and about more than 50% of waking hours
4. Capable of only limited self-care; confined to bed or chair more than 50% of waking hours
5. Completely disabled; cannot carry any self-care totally confined to bed or chair

50 DISEASE STATUS AT FIRST FOLLOW UP OR AT 6 MONTHS WHICHEVER IS EARLIER

- | | |
|---|---|
| 1.No evidence of disease (NED) | 2.NED but second primary present |
| 3.NED but non-malignant disease present | 4.Cancer in regression/residual disease |
| 5.Cancer in progression/recurrence (<i>primary disease &/or metastasis</i>) | 6.Others (specify)..... |
| 7.Unknown | |

HOSPITAL REGISTRATION NO.

CANCER REGISTRATION NO.
Year Reg. No.

Signature (Medical Officer)