

Table 4(a) Population by Five Year Age Group and Gender
Number and Relative Proportion (%) : 2012 - 2016
Kollam district

Age Group	Males		Females	
	Number	%	Number	%
00-04	420568	6.75	412706	5.87
05-09	488965	7.85	472672	6.72
10-14	534355	8.58	511719	7.28
15-19	470128	7.55	449916	6.40
20-24	442476	7.10	480888	6.84
25-29	416851	6.69	525777	7.48
30-34	423457	6.80	532952	7.58
35-39	463358	7.44	600157	8.53
40-44	450245	7.23	572997	8.15
45-49	461321	7.40	556966	7.92
50-54	398882	6.40	459412	6.53
55-59	416146	6.68	431663	6.14
60-64	311949	5.01	323788	4.60
65-69	208458	3.35	235097	3.34
70-74	143945	2.31	182635	2.60
75+	179320	2.88	283127	4.03
Total	6230424	100.00	7032472	100.00

Area(Sq.Km): 2491

Figure 4(a) Population Pyramid showing Five Year Age Distribution : 2012 - 2016
Kollam district

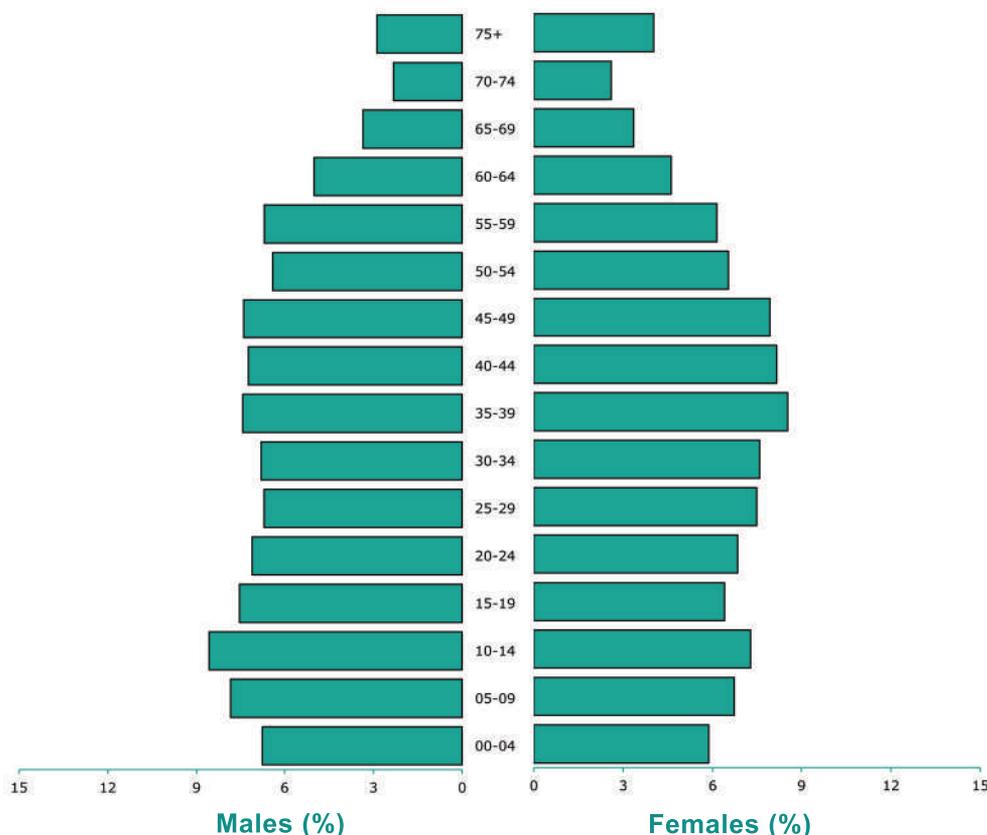


Table 4(b) Number of Incident Cancers by Five Year Age Group and Site (ICD-10) : 2012 - 2016 Males
%= Relative Proportion of Cancers of All Sites
Kollam district

ICD-10	Site	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	1	2	1	-	-	1	-	1	-	6	0.06
C01-C02	Tongue	-	-	-	-	-	2	11	23	30	46	47	74	60	61	41	32	-	427	4.30
C03-C06	Mouth	-	-	-	-	-	-	4	12	29	40	65	75	100	69	55	74	-	523	5.27
C07-C08	Salivary Gland	-	-	-	1	2	2	4	1	4	7	5	8	9	6	1	5	-	55	0.55
C09	Tonsil	-	-	-	-	-	-	-	2	-	4	4	8	10	4	2	-	-	34	0.34
C10	Oth. Oropharynx	-	-	-	-	-	-	-	1	8	12	19	27	40	30	18	15	1	171	1.72
C11	Nasopharynx	-	-	1	2	-	1	-	1	2	2	2	6	8	6	2	4	-	37	0.37
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	3	10	23	23	30	27	22	29	-	167	1.68
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	3	1	2	3	2	-	11	0.11
C15	Oesophagus	-	-	-	1	-	1	3	3	5	16	26	56	72	41	54	63	1	342	3.44
C16	Stomach	-	-	-	-	-	1	2	12	9	24	42	58	84	90	59	87	2	470	4.73
C17	Small Intestine	-	-	-	-	-	2	1	-	1	2	7	2	8	7	-	7	-	37	0.37
C18	Colon	-	-	1	1	-	1	3	4	16	17	37	45	50	62	36	40	-	313	3.15
C19-C20	Rectum	-	-	-	-	1	2	2	6	10	32	39	56	100	93	62	56	-	459	4.62
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	2	1	2	3	1	1	1	-	11	0.11
C22	Liver	-	-	-	1	1	1	2	6	13	31	48	74	99	78	73	53	1	481	4.84
C23-C24	Gallbladder etc.	-	-	-	-	-	-	-	-	7	13	13	21	14	20	12	17	-	117	1.18
C25	Pancreas	-	-	-	-	-	-	-	3	11	14	26	33	34	32	20	20	-	193	1.94
C30-C31	Nose, Sinuses etc.	1	-	1	-	-	3	-	1	3	7	3	4	10	4	5	2	-	44	0.44
C32	Larynx	-	-	-	-	-	1	1	2	9	31	49	64	74	95	42	63	-	431	4.34
C33-C34	Lung etc.	-	-	-	-	-	4	5	14	31	87	165	245	360	374	279	265	4	1833	18.46
C37-C38	Other Thoracic Organs	3	-	-	-	2	2	-	2	1	1	2	1	4	4	-	3	-	25	0.25
C40-C41	Bone	3	2	6	7	6	5	1	1	4	4	4	3	9	5	1	4	-	65	0.65
C43	Melanoma of Skin	-	-	1	-	-	-	1	1	2	2	1	5	6	5	2	8	-	34	0.34
C44	Other Skin	-	-	-	-	-	-	1	10	2	10	14	18	18	18	13	30	-	134	1.35
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	6	1	5	3	-	4	2	5	5	10	15	17	16	5	7	9	-	110	1.11
C50	Breast	-	-	-	-	-	-	-	1	3	3	6	6	5	1	-	6	-	31	0.31
C60	Penis	-	-	-	-	-	-	1	2	-	8	4	9	10	6	8	6	-	54	0.54
C61	Prostate	-	-	-	-	-	-	-	1	-	4	18	30	68	127	134	176	2	560	5.64
C62	Testis	2	-	1	-	2	8	5	7	3	3	-	4	2	-	1	2	-	40	0.40
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	2	-	-	1	-	2	3	7	14	22	17	25	22	32	17	13	-	177	1.78
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	0.02
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	3	0.03
C67	Bladder	-	-	-	-	-	3	2	5	11	17	21	38	47	54	49	57	1	305	3.07
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.01
C69	Eye	5	-	-	-	-	-	-	-	-	-	2	-	1	1	1	-	-	10	0.10
C70-C72	Brain, Nervous System	6	13	5	7	7	12	9	17	19	7	24	30	33	10	17	12	-	228	2.30
C73	Thyroid	-	-	3	5	16	17	20	30	30	30	30	19	18	11	9	8	-	246	2.48
C74	Adrenal Gland	1	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	4	0.04
C81	Hodgkins Disease	1	2	6	13	8	4	4	4	7	7	3	5	2	6	1	3	-	76	0.77
C82-C85	NHL	2	5	5	6	6	5	6	16	23	27	42	48	51	46	20	44	1	353	3.55
C88	Malig Imn.Prol D	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	0.02
C90	Multiple Myeloma	-	-	-	-	-	-	1	2	6	13	27	29	53	52	44	40	1	268	2.70
C91	Lymphoid Leuk.	27	7	15	9	4	2	6	4	4	4	5	7	4	5	5	4	-	112	1.13
C92-C94	Myeloid Leukaemia	5	3	5	6	7	6	14	8	10	20	17	14	27	18	19	11	-	190	1.91
C95	Leukaemia Uns	1	2	2	1	2	1	1	-	2	4	2	5	-	3	2	4	-	32	0.32
C96	CMD,O&U LHM	-	-	-	-	1	-	-	-	2	1	-	-	1	2	1	-	-	8	0.08
O&U *	Other and Uns	1	1	-	3	3	5	3	7	15	50	54	76	110	113	99	157	1	698	7.03
	All Sites	66	36	57	67	68	97	118	221	355	646	930	1275	1675	1629	1239	1436	15	9930	100.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 4(c) Number of Incident Cancers by Five Year Age Group and Site (ICD-10) : 2012 - 2016 Females
%= Relative Proportion of Cancers of All Sites
Kollam district

ICD-10	Site	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	3	3	1	2	3	2	8	-	22	0.22
C01-C02	Tongue	-	-	-	-	1	2	1	6	13	17	20	29	28	28	33	47	-	225	2.30
C03-C06	Mouth	-	-	-	-	1	-	1	4	11	15	27	39	57	56	40	115	-	366	3.74
C07-C08	Salivary Gland	2	1	1	1	1	7	4	6	4	6	7	7	2	7	2	3	-	61	0.62
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	4	0.04
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	1	1	1	2	1	-	2	-	8	0.08
C11	Nasopharynx	-	-	1	1	2	-	-	1	1	1	3	3	1	-	-	1	-	15	0.15
C12-C13	Hypopharynx	-	-	-	-	-	2	-	1	-	1	1	-	6	2	1	1	-	15	0.15
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	3	0.03
C15	Oesophagus	-	-	-	-	-	-	-	1	2	3	11	16	20	26	20	43	-	142	1.45
C16	Stomach	-	-	-	-	-	4	3	6	11	22	17	25	24	24	23	27	-	186	1.90
C17	Small Intestine	-	-	-	-	-	-	-	-	2	3	7	1	5	2	2	4	-	26	0.27
C18	Colon	-	-	-	1	1	-	2	8	9	16	24	33	41	26	27	35	1	224	2.29
C19-C20	Rectum	-	-	-	-	1	2	5	8	12	28	42	56	68	50	51	51	-	374	3.82
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	1	-	1	-	3	-	4	-	10	0.10
C22	Liver	3	-	-	1	-	1	-	3	4	8	6	12	16	18	21	27	-	120	1.23
C23-C24	Gallbladder etc.	-	-	-	-	-	1	-	5	9	7	16	8	10	14	9	18	-	97	0.99
C25	Pancreas	-	-	-	-	1	1	1	1	8	6	18	13	19	21	10	14	1	114	1.17
C30-C31	Nose, Sinuses etc.	-	-	-	-	-	1	2	1	-	3	-	2	1	-	3	1	-	14	0.14
C32	Larynx	-	-	-	-	-	-	-	-	-	1	1	4	2	3	1	8	-	20	0.20
C33-C34	Lung etc.	-	-	-	-	-	3	2	8	9	37	44	41	54	60	40	61	-	359	3.67
C37-C38	Other Thoracic Organs	-	-	-	-	1	-	-	-	1	2	-	-	3	-	1	1	-	9	0.09
C40-C41	Bone	1	1	4	9	-	4	-	6	-	3	3	5	2	8	1	5	-	52	0.53
C43	Melanoma of Skin	-	-	-	1	-	-	2	2	2	1	4	2	5	2	7	3	-	31	0.32
C44	Other Skin	-	-	-	-	1	3	1	5	4	12	14	11	15	15	15	39	-	135	1.38
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.01
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	3	1	1	4	4	3	3	7	8	11	11	8	8	12	2	6	-	92	0.94
C50	Breast	-	-	-	2	8	20	88	193	304	482	450	395	345	254	120	167	5	2833	28.97
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	2	-	6	0.06
C52	Vagina	-	-	-	-	-	-	-	-	-	-	1	2	2	3	1	6	-	15	0.15
C53	Cervix Uteri	-	-	-	-	1	-	2	18	36	67	83	104	92	87	55	85	-	630	6.44
C54	Corpus Uteri	-	-	-	-	-	4	4	6	22	28	53	63	54	33	21	18	-	306	3.13
C55	Uterus Unspecified	-	-	-	-	-	-	3	3	2	2	2	4	5	6	-	1	-	28	0.29
C56	Ovary etc.	-	-	-	13	8	14	16	31	39	57	54	60	58	62	46	43	2	503	5.14
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	2	1	-	1	2	-	-	-	6	0.06
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	3	3	-	3	-	1	1	2	1	6	8	5	8	5	4	2	-	52	0.53
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.02
C67	Bladder	-	-	-	-	-	-	-	-	3	4	6	8	5	5	12	8	-	51	0.52
C68	Uns.Urinary Organs	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	3	0.03
C69	Eye	4	-	-	-	-	-	1	-	1	-	1	-	-	2	2	-	-	11	0.11
C70-C72	Brain, Nervous System	5	8	4	3	3	6	10	10	12	13	8	10	13	11	13	9	1	139	1.42
C73	Thyroid	-	1	11	34	53	108	138	174	153	126	97	66	59	36	13	21	-	1090	11.15
C74	Adrenal Gland	1	-	-	-	-	1	-	1	2	-	1	-	-	-	-	-	-	6	0.06
C81	Hodgkins Disease	1	3	3	3	8	1	4	2	1	4	4	2	2	3	1	2	1	45	0.46
C82-C85	NHL	-	5	5	3	5	7	7	8	12	16	38	36	30	32	22	23	-	249	2.55
C88	Malig Imn.Prol D	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	3	0.03
C90	Multiple Myeloma	-	-	1	1	1	-	3	3	5	21	28	30	52	39	28	34	-	246	2.52
C91	Lymphoid Leuk.	16	11	9	2	1	2	2	3	2	4	3	5	5	4	5	4	1	79	0.81
C92-C94	Myeloid Leukaemia	2	2	3	1	6	7	7	9	9	8	18	17	19	25	17	14	-	164	1.68
C95	Leukaemia Lns	5	-	-	1	-	-	3	1	1	3	1	3	2	2	-	3	-	25	0.26
C96	CMD,O&U LHM	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	4	0.04
O&U*	Other and Uns	2	2	-	1	2	1	7	9	11	41	41	54	68	102	76	140	2	559	5.72
	All Sites	48	38	43	85	110	206	324	553	727	1093	1179	1186	1217	1097	752	1108	14	9780	100.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 4(d) Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and Truncated (35-64yrs) (TR) Incidence Rate per 100,000 population : 2012 - 2016 Males Kollam district

ICD-10	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	-	0.2	0.4	0.3	-	-	0.5	-	0.6	0.1	0.08	0.03	0.2
C01-C02	-	-	-	-	-	0.5	2.6	5.0	6.7	10.0	11.8	17.8	19.2	29.3	28.5	17.8	6.9	5.36	0.26	10.9
C03-C06	-	-	-	-	-	-	0.9	2.6	6.4	8.7	16.3	18.0	32.1	33.1	38.2	41.3	8.4	6.52	0.29	12.5
C07-C08	-	-	-	0.2	0.5	0.5	0.9	0.2	0.9	1.5	1.3	1.9	2.9	2.9	0.7	2.8	0.9	0.72	0.10	1.3
C09	-	-	-	-	-	-	-	0.4	-	0.9	1.0	1.9	3.2	1.9	1.4	-	0.5	0.42	0.07	1.1
C10	-	-	-	-	-	-	-	0.2	1.8	2.6	4.8	6.5	12.8	14.4	12.5	8.4	2.7	2.14	0.17	4.1
C11	-	-	0.2	0.4	-	0.2	-	0.2	0.4	0.4	0.5	1.4	2.6	2.9	1.4	2.2	0.6	0.48	0.08	0.8
C12-C13	-	-	-	-	-	-	-	-	0.7	2.2	5.8	5.5	9.6	13.0	15.3	16.2	2.7	2.08	0.16	3.4
C14	-	-	-	-	-	-	-	-	-	-	-	0.7	0.3	1.0	2.1	1.1	0.2	0.13	0.04	0.1
C15	-	-	-	0.2	-	0.2	0.7	0.6	1.1	3.5	6.5	13.5	23.1	19.7	37.5	35.1	5.5	4.22	0.23	6.8
C16	-	-	-	-	-	0.2	0.5	2.6	2.0	5.2	10.5	13.9	26.9	43.2	41.0	48.5	7.5	5.88	0.27	8.9
C17	-	-	-	-	-	0.5	0.2	-	0.2	0.4	1.8	0.5	2.6	3.4	-	3.9	0.6	0.48	0.08	0.8
C18	-	-	0.2	0.2	-	0.2	0.7	0.9	3.6	3.7	9.3	10.8	16.0	29.7	25.0	22.3	5.0	3.96	0.23	6.5
C19-C20	-	-	-	-	0.2	0.5	0.5	1.3	2.2	6.9	9.8	13.5	32.1	44.6	43.1	31.2	7.4	5.85	0.27	9.5
C21	-	-	-	-	-	-	-	-	-	0.4	0.3	0.5	1.0	0.5	0.7	0.6	0.2	0.14	0.04	0.3
C22	-	-	-	0.2	0.2	0.2	0.5	1.3	2.9	6.7	12.0	17.8	31.7	37.4	50.7	29.6	7.7	6.05	0.28	10.4
C23-C24	-	-	-	-	-	-	-	-	1.6	2.8	3.3	5.0	4.5	9.6	8.3	9.5	1.9	1.45	0.14	2.6
C25	-	-	-	-	-	-	-	0.6	2.4	3.0	6.5	7.9	10.9	15.4	13.9	11.2	3.1	2.41	0.17	4.7
C30-C31	0.2	-	0.2	-	-	0.7	-	0.2	0.7	1.5	0.8	1.0	3.2	1.9	3.5	1.1	0.7	0.60	0.09	1.1
C32	-	-	-	-	-	0.2	0.2	0.4	2.0	6.7	12.3	15.4	23.7	45.6	29.2	35.1	6.9	5.41	0.26	8.8
C33-C34	-	-	-	-	-	1.0	1.2	3.0	6.9	18.9	41.4	58.9	115.4	179.4	193.8	147.8	29.4	23.13	0.54	34.7
C37-C38	0.7	-	-	-	0.5	0.5	-	0.4	0.2	0.2	0.5	0.2	1.3	1.9	-	1.7	0.4	0.39	0.08	0.4
C40-C41	0.7	0.4	1.1	1.5	1.4	1.2	0.2	0.2	0.9	0.9	1.0	0.7	2.9	2.4	0.7	2.2	1.0	1.02	0.13	1.0
C43	-	-	0.2	-	-	-	0.2	0.2	0.4	0.4	0.3	1.2	1.9	2.4	1.4	4.5	0.5	0.42	0.07	0.7
C44	-	-	-	-	-	-	0.2	2.2	0.4	2.2	3.5	4.3	5.8	8.6	9.0	16.7	2.2	1.65	0.14	2.8
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	1.4	0.2	0.9	0.6	-	1.0	0.5	1.1	1.1	2.2	3.8	4.1	5.1	2.4	4.9	5.0	1.8	1.53	0.15	2.6
C50	-	-	-	-	-	-	-	0.2	0.7	0.7	1.5	1.4	1.6	0.5	-	3.3	0.5	0.37	0.07	0.9
C60	-	-	-	-	-	-	0.2	0.4	-	1.7	1.0	2.2	3.2	2.9	5.6	3.3	0.9	0.67	0.09	1.3
C61	-	-	-	-	-	-	-	0.2	-	0.9	4.5	7.2	21.8	60.9	93.1	98.1	9.0	7.10	0.30	4.7
C62	0.5	-	0.2	-	0.5	1.9	1.2	1.5	0.7	0.7	-	1.0	0.6	-	0.7	1.1	0.6	0.60	0.10	0.8
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	0.5	-	-	0.2	-	0.5	0.7	1.5	3.1	4.8	4.3	6.0	7.1	15.4	11.8	7.2	2.8	2.30	0.18	4.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	0.6	0.0	0.03	0.02	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	1.1	0.0	0.04	0.02	0.0
C67	-	-	-	-	-	0.7	0.5	1.1	2.4	3.7	5.3	9.1	15.1	25.9	34.0	31.8	4.9	3.84	0.22	5.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.0	0.01	0.01	0.0
C69	1.2	-	-	-	-	-	-	-	-	-	0.5	-	0.3	0.5	0.7	-	0.2	0.21	0.07	0.1
C70-C72	1.4	2.7	0.9	1.5	1.6	2.9	2.1	3.7	4.2	1.5	6.0	7.2	10.6	4.8	11.8	6.7	3.7	3.23	0.22	5.1
C73	-	-	0.6	1.1	3.6	4.1	4.7	6.5	6.7	6.5	7.5	4.6	5.8	5.3	6.3	4.5	3.9	3.39	0.22	6.3
C74	0.2	-	-	-	-	-	-	-	-	-	-	0.2	-	0.5	0.7	-	0.1	0.07	0.04	0.0
C81	0.2	0.4	1.1	2.8	1.8	1.0	0.9	0.9	1.6	1.5	0.8	1.2	0.6	2.9	0.7	1.7	1.2	1.18	0.14	1.1
C82-C85	0.5	1.0	0.9	1.3	1.4	1.2	1.4	3.5	5.1	5.9	10.5	11.5	16.3	22.1	13.9	24.5	5.7	4.59	0.25	8.1
C88	-	-	-	-	-	-	-	-	-	-	-	0.2	-	0.5	-	-	0.0	0.02	0.02	0.0
C90	-	-	-	-	-	-	0.2	0.4	1.3	2.8	6.8	7.0	17.0	24.9	30.6	22.3	4.3	3.39	0.21	5.1
C91	6.4	1.4	2.8	1.9	0.9	0.5	1.4	0.9	0.9	0.9	1.3	1.7	1.3	2.4	3.5	2.2	1.8	2.06	0.21	1.1
C92-C94	1.2	0.6	0.9	1.3	1.6	1.4	3.3	1.7	2.2	4.3	4.3	3.4	8.7	8.6	13.2	6.1	3.0	2.68	0.20	3.8
C95	0.2	0.4	0.4	0.2	0.5	0.2	0.2	-	0.4	0.9	0.5	1.2	-	1.4	1.4	2.2	0.5	0.46	0.08	0.5
C96	-	-	-	-	0.2	-	-	-	0.4	0.2	-	-	0.3	1.0	0.7	-	0.1	0.11	0.04	0.2
O&U*	0.2	0.2	-	0.6	0.7	1.2	0.7	1.5	3.3	10.8	13.5	18.3	35.3	54.2	68.8	87.6	11.2	8.81	0.34	12.1
All Sites	15.7	7.4	10.7	14.3	15.4	23.3	27.9	47.7	78.8	140.0	233.2	306.4	536.9	781.5	860.7	800.8	159.4	127.7	1.30	198.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 4(e) Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and Truncated (35-64yrs) (TR) Incidence Rate per 100,000 population : 2012 - 2016 Females Kollam district

ICD-10	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	SE	TR	
C00	-	-	-	-	-	-	-	-	-	0.5	0.7	0.2	0.6	1.3	1.1	2.8	0.3	0.22	0.05	0.3	
C01-C02	-	-	-	-	0.2	0.4	0.2	1.0	2.3	3.1	4.4	6.7	8.6	11.9	18.1	16.6	3.2	2.32	0.16	3.9	
C03-C06	-	-	-	-	0.2	-	0.2	0.7	1.9	2.7	5.9	9.0	17.6	23.8	21.9	40.6	5.2	3.67	0.20	5.4	
C07-C08	0.5	0.2	0.2	0.2	0.2	1.3	0.8	1.0	0.7	1.1	1.5	1.6	0.6	3.0	1.1	1.1	0.9	0.75	0.10	1.1	
C09	-	-	-	-	-	-	-	-	-	-	-	0.5	0.3	-	-	0.4	0.1	0.04	0.02	0.1	
C10	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.6	0.4	-	0.7	0.1	0.08	0.03	0.2	
C11	-	-	0.2	0.2	0.4	-	-	0.2	0.2	0.2	0.7	0.7	0.3	-	-	0.4	0.2	0.18	0.05	0.3	
C12-C13	-	-	-	-	-	0.4	-	0.2	-	0.2	0.2	-	1.9	0.9	0.5	0.4	0.2	0.18	0.05	0.3	
C14	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	0.5	0.4	0.0	0.03	0.02	0.0	
C15	-	-	-	-	-	-	-	0.2	0.3	0.5	2.4	3.7	6.2	11.1	11.0	15.2	2.0	1.43	0.12	1.9	
C16	-	-	-	-	-	0.8	0.6	1.0	1.9	3.9	3.7	5.8	7.4	10.2	12.6	9.5	2.6	1.97	0.15	3.6	
C17	-	-	-	-	-	-	-	-	0.3	0.5	1.5	0.2	1.5	0.9	1.1	1.4	0.4	0.28	0.05	0.6	
C18	-	-	-	0.2	0.2	-	0.4	1.3	1.6	2.9	5.2	7.6	12.7	11.1	14.8	12.4	3.2	2.35	0.16	4.6	
C19-C20	-	-	-	-	0.2	0.4	0.9	1.3	2.1	5.0	9.1	13.0	21.0	21.3	27.9	18.0	5.3	3.98	0.21	7.5	
C21	-	-	-	-	-	-	-	-	0.2	0.2	-	0.2	-	1.3	-	1.4	0.1	0.10	0.03	0.1	
C22	0.7	-	-	0.2	-	0.2	-	0.5	0.7	1.4	1.3	2.8	4.9	7.7	11.5	9.5	1.7	1.31	0.13	1.7	
C23-C24	-	-	-	-	-	0.2	-	0.8	1.6	1.3	3.5	1.9	3.1	6.0	4.9	6.4	1.4	1.01	0.10	1.9	
C25	-	-	-	-	0.2	0.2	0.2	0.2	1.4	1.1	3.9	3.0	5.9	8.9	5.5	4.9	1.6	1.23	0.12	2.3	
C30-C31	-	-	-	-	-	0.2	0.4	0.2	-	0.5	-	0.5	0.3	-	1.6	0.4	0.2	0.15	0.04	0.2	
C32	-	-	-	-	-	-	-	-	-	0.2	0.2	0.9	0.6	1.3	0.5	2.8	0.3	0.19	0.04	0.3	
C33-C34	-	-	-	-	-	0.6	0.4	1.3	1.6	6.6	9.6	9.5	16.7	25.5	21.9	21.5	5.1	3.80	0.20	6.8	
C37-C38	-	-	-	-	0.2	-	-	-	0.2	0.4	-	-	0.9	-	0.5	0.4	0.1	0.10	0.04	0.2	
C40-C41	0.2	0.2	0.8	2.0	-	0.8	-	1.0	-	0.5	0.7	1.2	0.6	3.4	0.5	1.8	0.7	0.71	0.10	0.6	
C43	-	-	-	0.2	-	-	0.4	0.3	0.3	0.2	0.9	0.5	1.5	0.9	3.8	1.1	0.4	0.34	0.06	0.6	
C44	-	-	-	-	0.2	0.6	0.2	0.8	0.7	2.2	3.0	2.5	4.6	6.4	8.2	13.8	1.9	1.37	0.12	2.1	
C45	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.0	0.01	0.01	0.0	
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C47+C49	0.7	0.2	0.2	0.9	0.8	0.6	0.6	1.2	1.4	2.0	2.4	1.9	2.5	5.1	1.1	2.1	1.3	1.13	0.13	1.8	
C50	-	-	-	0.4	1.7	3.8	16.5	32.2	53.1	86.5	98.0	91.5	106.6	108.0	65.7	59.0	40.3	30.33	0.58	74.6	
C51	-	-	-	-	-	-	-	-	-	-	-	0.2	0.6	-	0.5	0.7	0.1	0.06	0.02	0.1	
C52	-	-	-	-	-	-	-	-	-	-	0.2	0.5	0.6	1.3	0.5	2.1	0.2	0.15	0.04	0.2	
C53	-	-	-	-	0.2	-	0.4	3.0	6.3	12.0	18.1	24.1	28.4	37.0	30.1	30.0	9.0	6.63	0.27	13.8	
C54	-	-	-	-	-	0.8	0.8	1.0	3.8	5.0	11.5	14.6	16.7	14.0	11.5	6.4	4.4	3.30	0.19	7.8	
C55	-	-	-	-	-	-	0.6	0.5	0.3	0.4	0.4	0.9	1.5	2.6	-	0.4	0.4	0.31	0.06	0.6	
C56	-	-	-	2.9	1.7	2.7	3.0	5.2	6.8	10.2	11.8	13.9	17.9	26.4	25.2	15.2	7.2	5.58	0.25	10.3	
C57	-	-	-	-	-	-	-	-	-	0.4	0.2	-	0.3	0.9	-	-	0.1	0.07	0.03	0.1	
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C64	0.7	0.6	-	0.7	-	0.2	0.2	0.3	0.2	1.1	1.7	1.2	2.5	2.1	2.2	0.7	0.7	0.69	0.10	1.1	
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C66	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.4	-	-	0.0	0.03	0.02	0.0	
C67	-	-	-	-	-	-	-	-	0.5	0.7	1.3	1.9	1.5	2.1	6.6	2.8	0.7	0.53	0.07	0.9	
C68	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	1.1	-	0.0	0.03	0.02	-	
C69	1.0	-	-	-	-	-	0.2	-	0.2	-	0.2	-	-	0.9	1.1	-	0.2	0.20	0.07	0.1	
C70-C72	1.2	1.7	0.8	0.7	0.6	1.1	1.9	1.7	2.1	2.3	1.7	2.3	4.0	4.7	7.1	3.2	2.0	1.75	0.16	2.3	
C73	-	0.2	2.1	7.6	11.0	20.5	25.9	29.0	26.7	22.6	21.1	15.3	18.2	15.3	7.1	7.4	15.5	12.82	0.40	22.9	
C74	0.2	-	-	-	-	0.2	-	0.2	0.3	-	0.2	-	-	-	-	-	-	0.1	0.09	0.04	0.1
C81	0.2	0.6	0.6	0.7	1.7	0.2	0.8	0.3	0.2	0.7	0.9	0.5	0.6	1.3	0.5	0.7	0.6	0.62	0.10	0.5	
C82-C85	-	1.1	1.0	0.7	1.0	1.3	1.3	1.3	2.1	2.9	8.3	8.3	9.3	13.6	12.0	8.1	3.5	2.83	0.18	4.8	
C88	-	-	-	-	-	-	-	0.2	-	-	0.2	-	-	0.4	-	-	0.0	0.03	0.02	0.1	
C90	-	-	0.2	0.2	0.2	-	0.6	0.5	0.9	3.8	6.1	6.9	16.1	16.6	15.3	12.0	3.5	2.67	0.17	4.9	
C91	3.9	2.3	1.8	0.4	0.2	0.4	0.4	0.5	0.3	0.7	0.7	1.2	1.5	1.7	2.7	1.4	1.1	1.33	0.16	0.8	
C92-C94	0.5	0.4	0.6	0.2	1.2	1.3	1.3	1.5	1.6	1.4	3.9	3.9	5.9	10.6	9.3	4.9	2.3	1.92	0.16	2.8	
C95	1.2	-	-	0.2	-	-	0.6	0.2	0.2	0.5	0.2	0.7	0.6	0.9	-	1.1	0.4	0.36	0.08	0.4	
C96	-	-	-	-	-	-	-	-	-	0.2	-	-	0.3	0.4	0.5	-	0.1	0.05	0.02	0.1	
O&U *	0.5	0.4	-	0.2	0.4	0.2	1.3	1.5	1.9	7.4	8.9	12.5	21.0	43.4	41.6	49.4	7.9	5.80	0.25	7.9	
All Sites	11.6	8.0	8.4	18.9	22.9	39.2	60.8	92.1	126.9	196.2	256.6	274.8	375.9	466.6	411.8	391.3	139.1	107.1	1.11	205.7	

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 4(f) Number (#) and Proportion (%) of Cancers by Site (ICD-10)
and Method of Diagnosis : 2012 - 2016 Males
Kollam district**

ICD-10	Site	Clinical		Microscopic		X-ray/Imaging		D.C.O		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C01-C02	Tongue	22	5.2	404	94.6	1	0.2	-	-	-	-	-	-	427	100.0
C03-C06	Mouth	46	8.8	474	90.6	-	-	1	0.2	2	0.4	-	-	523	100.0
C07-C08	Salivary Gland	-	-	54	98.2	1	1.8	-	-	-	-	-	-	55	100.0
C09	Tonsil	1	2.9	31	91.2	1	2.9	-	-	1	2.9	-	-	34	100.0
C10	Oth. Oropharynx	1	0.6	149	87.1	12	7.0	-	-	9	5.3	-	-	171	100.0
C11	Nasopharynx	-	-	31	83.8	5	13.5	-	-	1	2.7	-	-	37	100.0
C12-C13	Hypopharynx	-	-	156	93.4	9	5.4	-	-	2	1.2	-	-	167	100.0
C14	Pharynx Unspecified	-	-	3	27.3	3	27.3	5	45.5	-	-	-	-	11	100.0
C15	Oesophagus	-	-	294	86.0	35	10.2	2	0.6	11	3.2	-	-	342	100.0
C16	Stomach	1	0.2	371	78.9	91	19.4	2	0.4	5	1.1	-	-	470	100.0
C17	Small Intestine	-	-	34	91.9	2	5.4	1	2.7	-	-	-	-	37	100.0
C18	Colon	-	-	268	85.6	41	13.1	1	0.3	3	1.0	-	-	313	100.0
C19-C20	Rectum	18	3.9	412	89.8	22	4.8	-	-	7	1.5	-	-	459	100.0
C21	Anus & Anal Canal	-	-	10	90.9	1	9.1	-	-	-	-	-	-	11	100.0
C22	Liver	-	-	126	26.2	347	72.1	4	0.8	4	0.8	-	-	481	100.0
C23-C24	Gallbladder etc.	-	-	50	42.7	65	55.6	1	0.9	1	0.9	-	-	117	100.0
C25	Pancreas	-	-	106	54.9	85	44.0	1	0.5	1	0.5	-	-	193	100.0
C30-C31	Nose, Sinuses etc.	-	-	41	93.2	1	2.3	-	-	2	4.5	-	-	44	100.0
C32	Larynx	2	0.5	373	86.5	33	7.7	-	-	23	5.3	-	-	431	100.0
C33-C34	Lung etc.	-	-	1423	77.6	401	21.9	8	0.4	1	0.1	-	-	1833	100.0
C37-C38	Other Thoracic Organs	-	-	24	96.0	1	4.0	-	-	-	-	-	-	25	100.0
C40-C41	Bone	-	-	60	92.3	4	6.2	1	1.5	-	-	-	-	65	100.0
C43	Melanoma of Skin	-	-	33	97.1	1	2.9	-	-	-	-	-	-	34	100.0
C44	Other Skin	1	0.7	132	98.5	1	0.7	-	-	-	-	-	-	134	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	110	100.0	-	-	-	-	-	-	-	-	110	100.0
C50	Breast	-	-	31	100.0	-	-	-	-	-	-	-	-	31	100.0
C60	Penis	2	3.7	51	94.4	1	1.9	-	-	-	-	-	-	54	100.0
C61	Prostate	10	1.8	473	84.5	72	12.9	-	-	5	0.9	-	-	560	100.0
C62	Testis	-	-	38	95.0	2	5.0	-	-	-	-	-	-	40	100.0
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	159	89.8	17	9.6	1	0.6	-	-	-	-	177	100.0
C65	Renal Pelvis	-	-	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C66	Ureter	-	-	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C67	Bladder	-	-	260	85.2	45	14.8	-	-	-	-	-	-	305	100.0
C68	Uns.Urinary Organs	-	-	-	-	1	100.0	-	-	-	-	-	-	1	100.0
C69	Eye	-	-	10	100.0	-	-	-	-	-	-	-	-	10	100.0
C70-C72	Brain, Nervous System	-	-	170	74.6	53	23.2	5	2.2	-	-	-	-	228	100.0
C73	Thyroid	-	-	245	99.6	1	0.4	-	-	-	-	-	-	246	100.0
C74	Adrenal Gland	-	-	3	75.0	1	25.0	-	-	-	-	-	-	4	100.0
C81	Hodgkins Disease	-	-	76	100.0	-	-	-	-	-	-	-	-	76	100.0
C82-C85	NHL	-	-	350	99.2	3	0.8	-	-	-	-	-	-	353	100.0
C88	Malig Imn.Prol D	-	-	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C90	Multiple Myeloma	-	-	262	97.8	1	0.4	1	0.4	4	1.5	-	-	268	100.0
C91	Lymphoid Leuk.	-	-	112	100.0	-	-	-	-	-	-	-	-	112	100.0
C92-C94	Myeloid Leukaemia	-	-	190	100.0	-	-	-	-	-	-	-	-	190	100.0
C95	Leukaemia Uns	-	-	32	100.0	-	-	-	-	-	-	-	-	32	100.0
C96	CMD,O&U LHM	-	-	8	100.0	-	-	-	-	-	-	-	-	8	100.0
O&U *	Other and Uns	-	-	199	28.5	69	9.9	429	61.5	1	0.1	-	-	698	100.0
	All Sites	104	1.0	7851	79.1	1429	14.4	463	4.7	83	0.8	-	-	9930	100.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 4(g) Number (#) and Proportion (%) of Cancers by Site (ICD-10)
and Method of Diagnosis : 2012 - 2016 Females
Kollam district**

ICD-10	Site	Clinical		Microscopic		X-ray/Imaging		D.C.O		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	3	13.6	19	86.4	-	-	-	-	-	-	-	-	22	100.0
C01-C02	Tongue	22	9.8	202	89.8	1	0.4	-	-	-	-	-	-	225	100.0
C03-C06	Mouth	45	12.3	319	87.2	2	0.5	-	-	-	-	-	-	366	100.0
C07-C08	Salivary Gland	-	-	59	96.7	2	3.3	-	-	-	-	-	-	61	100.0
C09	Tonsil	-	-	2	50.0	2	50.0	-	-	-	-	-	-	4	100.0
C10	Oth. Oropharynx	-	-	7	87.5	1	12.5	-	-	-	-	-	-	8	100.0
C11	Nasopharynx	-	-	12	80.0	3	20.0	-	-	-	-	-	-	15	100.0
C12-C13	Hypopharynx	-	-	15	100.0	-	-	-	-	-	-	-	-	15	100.0
C14	Pharynx Unspecified	-	-	2	66.7	1	33.3	-	-	-	-	-	-	3	100.0
C15	Oesophagus	-	-	115	81.0	23	16.2	-	-	4	2.8	-	-	142	100.0
C16	Stomach	1	0.5	141	75.8	40	21.5	-	-	4	2.2	-	-	186	100.0
C17	Small Intestine	-	-	19	73.1	7	26.9	-	-	-	-	-	-	26	100.0
C18	Colon	-	-	189	84.4	30	13.4	-	-	5	2.2	-	-	224	100.0
C19-C20	Rectum	16	4.3	335	89.6	16	4.3	-	-	7	1.9	-	-	374	100.0
C21	Anus & Anal Canal	-	-	7	70.0	3	30.0	-	-	-	-	-	-	10	100.0
C22	Liver	-	-	37	30.8	81	67.5	2	1.7	-	-	-	-	120	100.0
C23-C24	Gallbladder etc.	-	-	53	54.6	43	44.3	-	-	1	1.0	-	-	97	100.0
C25	Pancreas	-	-	59	51.8	54	47.4	1	0.9	-	-	-	-	114	100.0
C30-C31	Nose, Sinuses etc.	1	7.1	11	78.6	1	7.1	-	-	1	7.1	-	-	14	100.0
C32	Larynx	1	5.0	15	75.0	2	10.0	-	-	2	10.0	-	-	20	100.0
C33-C34	Lung etc.	1	0.3	272	75.8	84	23.4	1	0.3	1	0.3	-	-	359	100.0
C37-C38	Other Thoracic Organs	-	-	9	100.0	-	-	-	-	-	-	-	-	9	100.0
C40-C41	Bone	-	-	40	76.9	9	17.3	2	3.8	1	1.9	-	-	52	100.0
C43	Melanoma of Skin	-	-	30	96.8	1	3.2	-	-	-	-	-	-	31	100.0
C44	Other Skin	1	0.7	134	99.3	-	-	-	-	-	-	-	-	135	100.0
C45	Mesothelioma	-	-	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	90	97.8	2	2.2	-	-	-	-	-	-	92	100.0
C50	Breast	78	2.8	2730	96.4	19	0.7	1	-	5	0.2	-	-	2833	100.0
C51	Vulva	-	-	5	83.3	1	16.7	-	-	-	-	-	-	6	100.0
C52	Vagina	1	6.7	14	93.3	-	-	-	-	-	-	-	-	15	100.0
C53	Cervix Uteri	41	6.5	564	89.5	19	3.0	2	0.3	4	0.6	-	-	630	100.0
C54	Corpus Uteri	-	-	298	97.4	7	2.3	-	-	1	0.3	-	-	306	100.0
C55	Uterus Unspecified	-	-	26	92.9	2	7.1	-	-	-	-	-	-	28	100.0
C56	Ovary etc.	-	-	440	87.5	62	12.3	-	-	1	0.2	-	-	503	100.0
C57	Other Female Genital	-	-	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	48	92.3	2	3.8	2	3.8	-	-	-	-	52	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C67	Bladder	-	-	38	74.5	12	23.5	1	2.0	-	-	-	-	51	100.0
C68	Uns.Urinary Organs	-	-	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C69	Eye	-	-	8	72.7	3	27.3	-	-	-	-	-	-	11	100.0
C70-C72	Brain, Nervous System	-	-	88	63.3	46	33.1	4	2.9	1	0.7	-	-	139	100.0
C73	Thyroid	2	0.2	1085	99.5	2	0.2	-	-	1	0.1	-	-	1090	100.0
C74	Adrenal Gland	-	-	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C81	Hodgkins Disease	-	-	45	100.0	-	-	-	-	-	-	-	-	45	100.0
C82-C85	NHL	1	0.4	247	99.2	1	0.4	-	-	-	-	-	-	249	100.0
C88	Malig Imn.Prol D	-	-	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C90	Multiple Myeloma	-	-	238	96.7	1	0.4	-	-	7	2.8	-	-	246	100.0
C91	Lymphoid Leuk.	-	-	79	100.0	-	-	-	-	-	-	-	-	79	100.0
C92-C94	Myeloid Leukaemia	-	-	164	100.0	-	-	-	-	-	-	-	-	164	100.0
C95	Leukaemia Uns	-	-	25	100.0	-	-	-	-	-	-	-	-	25	100.0
C96	CMD,O&U LHM	-	-	4	100.0	-	-	-	-	-	-	-	-	4	100.0
O&U *	Other and Uns	1	0.2	135	24.2	39	7.0	383	68.5	1	0.2	-	-	559	100.0
	All Sites	215	2.2	8495	86.9	624	6.4	399	4.1	47	0.5	-	-	9780	100.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 4(h) Number (#) and Proportion (%) of Cancers by Site (ICD-10)
and Detailed Microscopic Diagnosis : 2012 - 2016 Males
Kollam district**

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	5	83.3	-	-	1	16.7	-	-	-	-	-	-	6	100.0
C01-C02	Tongue	389	91.1	3	0.7	12	2.8	-	-	-	-	23	5.4	427	100.0
C03-C06	Mouth	457	87.4	4	0.8	13	2.5	-	-	-	-	49	9.4	523	100.0
C07-C08	Salivary Gland	47	85.5	-	-	7	12.7	-	-	-	-	1	1.8	55	100.0
C09	Tonsil	28	82.4	-	-	3	8.8	-	-	-	-	3	8.8	34	100.0
C10	Oth. Oropharynx	133	77.8	3	1.8	13	7.6	-	-	-	-	22	12.9	171	100.0
C11	Nasopharynx	17	45.9	7	18.9	7	18.9	-	-	-	-	6	16.2	37	100.0
C12-C13	Hypopharynx	118	70.7	11	6.6	27	16.2	-	-	-	-	11	6.6	167	100.0
C14	Pharynx Unspecified	3	27.3	-	-	-	-	-	-	-	-	8	72.7	11	100.0
C15	Oesophagus	282	82.5	4	1.2	8	2.3	-	-	-	-	48	14.0	342	100.0
C16	Stomach	354	75.3	9	1.9	8	1.7	-	-	-	-	99	21.1	470	100.0
C17	Small Intestine	30	81.1	1	2.7	3	8.1	-	-	-	-	3	8.1	37	100.0
C18	Colon	245	78.3	6	1.9	17	5.4	-	-	-	-	45	14.4	313	100.0
C19-C20	Rectum	406	88.5	1	0.2	5	1.1	-	-	-	-	47	10.2	459	100.0
C21	Anus & Anal Canal	10	90.9	-	-	-	-	-	-	-	-	1	9.1	11	100.0
C22	Liver	67	13.9	12	2.5	47	9.8	-	-	-	-	355	73.8	481	100.0
C23-C24	Gallbladder etc.	42	35.9	5	4.3	3	2.6	-	-	-	-	67	57.3	117	100.0
C25	Pancreas	58	30.1	18	9.3	30	15.5	-	-	-	-	87	45.1	193	100.0
C30-C31	Nose, Sinuses etc.	39	88.6	-	-	2	4.5	-	-	-	-	3	6.8	44	100.0
C32	Larynx	342	79.4	1	0.2	30	7.0	-	-	-	-	58	13.5	431	100.0
C33-C34	Lung etc.	507	27.7	118	6.4	798	43.5	-	-	-	-	410	22.4	1833	100.0
C37-C38	Other Thoracic Organs	20	80.0	-	-	4	16.0	-	-	-	-	1	4.0	25	100.0
C40-C41	Bone	55	84.6	1	1.5	4	6.2	-	-	-	-	5	7.7	65	100.0
C43	Melanoma of Skin	29	85.3	2	5.9	1	2.9	-	-	1	2.9	1	2.9	34	100.0
C44	Other Skin	128	95.5	1	0.7	3	2.2	-	-	-	-	2	1.5	134	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	106	96.4	-	-	4	3.6	-	-	-	-	-	-	110	100.0
C50	Breast	30	96.8	1	3.2	-	-	-	-	-	-	-	-	31	100.0
C60	Penis	50	92.6	-	-	1	1.9	-	-	-	-	3	5.6	54	100.0
C61	Prostate	458	81.8	9	1.6	6	1.1	-	-	-	-	87	15.5	560	100.0
C62	Testis	35	87.5	2	5.0	1	2.5	-	-	-	-	2	5.0	40	100.0
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	146	82.5	4	2.3	9	5.1	-	-	-	-	18	10.2	177	100.0
C65	Renal Pelvis	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C66	Ureter	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C67	Bladder	256	83.9	3	1.0	1	0.3	-	-	-	-	45	14.8	305	100.0
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	1	100.0	1	100.0
C69	Eye	8	80.0	-	-	2	20.0	-	-	-	-	-	-	10	100.0
C70-C72	Brain, Nervous System	167	73.2	2	0.9	1	0.4	-	-	-	-	58	25.4	228	100.0
C73	Thyroid	221	89.8	4	1.6	20	8.1	-	-	-	-	1	0.4	246	100.0
C74	Adrenal Gland	3	75.0	-	-	-	-	-	-	-	-	1	25.0	4	100.0
C81	Hodgkins Disease	74	97.4	1	1.3	1	1.3	-	-	-	-	-	-	76	100.0
C82-C85	NHL	320	90.7	6	1.7	22	6.2	-	-	2	0.6	3	0.8	353	100.0
C88	Malig Imn.Prol D	-	-	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C90	Multiple Myeloma	20	7.5	-	-	1	0.4	1	0.4	240	89.6	6	2.2	268	100.0
C91	Lymphoid Leuk.	10	8.9	-	-	-	-	4	3.6	98	87.5	-	-	112	100.0
C92-C94	Myeloid Leukaemia	11	5.8	-	-	-	-	6	3.2	173	91.1	-	-	190	100.0
C95	Leukaemia Uns	1	3.1	-	-	-	-	-	-	31	96.9	-	-	32	100.0
C96	CMD,O&U LHM	1	12.5	-	-	-	-	2	25.0	5	62.5	-	-	8	100.0
O&U *	Other and Uns	6	0.9	86	12.3	106	15.2	1	0.1	-	-	499	71.5	698	100.0
	All Sites	5739	57.8	325	3.3	1221	12.3	14	0.1	552	5.6	2079	20.9	9930	100.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 4(i) Number (#) and Proportion (%) of Cancers by Site (ICD-10)
and Detailed Microscopic Diagnosis : 2012 - 2016 Females
Kollam district**

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	19	86.4	-	-	-	-	-	-	-	-	3	13.6	22	100.0
C01-C02	Tongue	194	86.2	2	0.9	6	2.7	-	-	-	-	23	10.2	225	100.0
C03-C06	Mouth	312	85.2	-	-	7	1.9	-	-	-	-	47	12.8	366	100.0
C07-C08	Salivary Gland	53	86.9	-	-	6	9.8	-	-	-	-	2	3.3	61	100.0
C09	Tonsil	2	50.0	-	-	-	-	-	-	-	-	2	50.0	4	100.0
C10	Oth. Oropharynx	6	75.0	-	-	1	12.5	-	-	-	-	1	12.5	8	100.0
C11	Nasopharynx	9	60.0	3	20.0	-	-	-	-	-	-	3	20.0	15	100.0
C12-C13	Hypopharynx	15	100.0	-	-	-	-	-	-	-	-	-	-	15	100.0
C14	Pharynx Unspecified	2	66.7	-	-	-	-	-	-	-	-	1	33.3	3	100.0
C15	Oesophagus	113	79.6	-	-	2	1.4	-	-	-	-	27	19.0	142	100.0
C16	Stomach	124	66.7	10	5.4	7	3.8	-	-	-	-	45	24.2	186	100.0
C17	Small Intestine	16	61.5	2	7.7	1	3.8	-	-	-	-	7	26.9	26	100.0
C18	Colon	184	82.1	2	0.9	3	1.3	-	-	-	-	35	15.6	224	100.0
C19-C20	Rectum	333	89.0	2	0.5	-	-	-	-	-	-	39	10.4	374	100.0
C21	Anus & Anal Canal	7	70.0	-	-	-	-	-	-	-	-	3	30.0	10	100.0
C22	Liver	24	20.0	1	0.8	12	10.0	-	-	-	-	83	69.2	120	100.0
C23-C24	Gallbladder etc.	42	43.3	4	4.1	7	7.2	-	-	-	-	44	45.4	97	100.0
C25	Pancreas	33	28.9	8	7.0	18	15.8	-	-	-	-	55	48.2	114	100.0
C30-C31	Nose, Sinuses etc.	11	78.6	-	-	-	-	-	-	-	-	3	21.4	14	100.0
C32	Larynx	13	65.0	-	-	2	10.0	-	-	-	-	5	25.0	20	100.0
C33-C34	Lung etc.	93	25.9	27	7.5	152	42.3	-	-	-	-	87	24.2	359	100.0
C37-C38	Other Thoracic Organs	9	100.0	-	-	-	-	-	-	-	-	-	-	9	100.0
C40-C41	Bone	38	73.1	-	-	2	3.8	-	-	-	-	12	23.1	52	100.0
C43	Melanoma of Skin	30	96.8	-	-	-	-	-	-	-	-	1	3.2	31	100.0
C44	Other Skin	131	97.0	3	2.2	-	-	-	-	-	-	1	0.7	135	100.0
C45	Mesothelioma	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	89	96.7	-	-	1	1.1	-	-	-	-	2	2.2	92	100.0
C50	Breast	2587	91.3	17	0.6	126	4.4	-	-	-	-	103	3.6	2833	100.0
C51	Vulva	3	50.0	-	-	2	33.3	-	-	-	-	1	16.7	6	100.0
C52	Vagina	12	80.0	-	-	2	13.3	-	-	-	-	1	6.7	15	100.0
C53	Cervix Uteri	549	87.1	2	0.3	13	2.1	-	-	-	-	66	10.5	630	100.0
C54	Corpus Uteri	293	95.8	2	0.7	3	1.0	-	-	-	-	8	2.6	306	100.0
C55	Uterus Unspecified	25	89.3	1	3.6	-	-	-	-	-	-	2	7.1	28	100.0
C56	Ovary etc.	327	65.0	21	4.2	92	18.3	-	-	-	-	63	12.5	503	100.0
C57	Other Female Genital	6	100.0	-	-	-	-	-	-	-	-	-	-	6	100.0
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	47	90.4	-	-	1	1.9	-	-	-	-	4	7.7	52	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C67	Bladder	38	74.5	-	-	-	-	-	-	-	-	13	25.5	51	100.0
C68	Uns. Urinary Organs	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C69	Eye	8	72.7	-	-	-	-	-	-	-	-	3	27.3	11	100.0
C70-C72	Brain, Nervous System	88	63.3	-	-	-	-	-	-	-	-	51	36.7	139	100.0
C73	Thyroid	1051	96.4	2	0.2	32	2.9	-	-	-	-	5	0.5	1090	100.0
C74	Adrenal Gland	6	100.0	-	-	-	-	-	-	-	-	-	-	6	100.0
C81	Hodgkins Disease	42	93.3	2	4.4	1	2.2	-	-	-	-	-	-	45	100.0
C82-C85	NHL	231	92.8	2	0.8	12	4.8	-	-	2	0.8	2	0.8	249	100.0
C88	Malig Imn.Prol D	1	33.3	-	-	-	-	-	-	2	66.7	-	-	3	100.0
C90	Multiple Myeloma	19	7.7	-	-	1	0.4	2	0.8	216	87.8	8	3.3	246	100.0
C91	Lymphoid Leuk.	9	11.4	-	-	-	-	3	3.8	67	84.8	-	-	79	100.0
C92-C94	Myeloid Leukaemia	15	9.1	-	-	-	-	6	3.7	143	87.2	-	-	164	100.0
C95	Leukaemia Uns	2	8.0	-	-	-	-	2	8.0	21	84.0	-	-	25	100.0
C96	CMD,O&U LHM	1	25.0	-	-	-	-	-	-	3	75.0	-	-	4	100.0
O&U *	Other and Uns	9	1.6	67	12.0	59	10.6	-	-	-	-	424	75.8	559	100.0
	All Sites	7277	74.4	180	1.8	571	5.8	13	0.1	454	4.6	1285	13.1	9780	100.0

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 4(j) Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu.Risk) of individual sites (ICD-10)
Based on Age Specific rates (from 0-64 and from 0-74 Years) : 2012 - 2016 Males
Kollam district**

ICD-10	Site	0-64 Years		0-74 Years	
		Cu.Rate %	Cu.Risk	Cu.Rate %	Cu.Risk
C00	Lip	0.0	0.0	0.0	0.0
C01-C02	Tongue	0.4	0.4	0.7	0.7
C03-C06	Mouth	0.4	0.4	0.8	0.8
C07-C08	Salivary Gland	0.1	0.1	0.1	0.1
C09	Tonsil	0.0	0.0	0.1	0.1
C10	Oth. Oropharynx	0.1	0.1	0.3	0.3
C11	Nasopharynx	0.0	0.0	0.1	0.1
C12-C13	Hypopharynx	0.1	0.1	0.3	0.3
C14	Pharynx Unspecified	0.0	0.0	0.0	0.0
C15	Oesophagus	0.2	0.2	0.5	0.5
C16	Stomach	0.3	0.3	0.7	0.7
C17	Small Intestine	0.0	0.0	0.0	0.0
C18	Colon	0.2	0.2	0.5	0.5
C19-C20	Rectum	0.3	0.3	0.8	0.8
C21	Anus & Anal Canal	0.0	0.0	0.0	0.0
C22	Liver	0.4	0.4	0.8	0.8
C23-C24	Gallbladder etc.	0.1	0.1	0.2	0.2
C25	Pancreas	0.2	0.2	0.3	0.3
C30-C31	Nose, Sinuses etc.	0.0	0.0	0.1	0.1
C32	Larynx	0.3	0.3	0.7	0.7
C33-C34	Lung etc.	1.2	1.2	3.1	3.1
C37-C38	Other Thoracic Organs	0.0	0.0	0.0	0.0
C40-C41	Bone	0.1	0.1	0.1	0.1
C43	Melanoma of Skin	0.0	0.0	0.0	0.0
C44	Other Skin	0.1	0.1	0.2	0.2
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.1	0.1	0.1	0.1
C50	Breast	0.0	0.0	0.0	0.0
C60	Penis	0.0	0.0	0.1	0.1
C61	Prostate	0.2	0.2	0.9	0.9
C62	Testis	0.0	0.0	0.0	0.0
C63	Other Male Genital	-	-	-	-
C64	Kidney etc.	0.1	0.1	0.3	0.3
C65	Renal Pelvis	-	-	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0
C67	Bladder	0.2	0.2	0.5	0.5
C68	Uns.Urinary Organs	0.0	0.0	0.0	0.0
C69	Eye	0.0	0.0	0.0	0.0
C70-C72	Brain, Nervous System	0.2	0.2	0.3	0.3
C73	Thyroid	0.3	0.3	0.3	0.3
C74	Adrenal Gland	0.0	0.0	0.0	0.0
C81	Hodgkins Disease	0.1	0.1	0.1	0.1
C82-C85	NHL	0.3	0.3	0.5	0.5
C88	Malignant Imm.Prol D	0.0	0.0	0.0	0.0
C90	Multiple Myeloma	0.2	0.2	0.5	0.5
C91	Lymphoid Leuk.	0.1	0.1	0.1	0.1
C92-C94	Myeloid Leukaemia	0.2	0.2	0.3	0.3
C95	Leukaemia Uns	0.0	0.0	0.0	0.0
C96	CMD,O&U LHM	0.0	0.0	0.0	0.0
O&U *	Other and Uns	0.4	0.4	1.0	1.0
	All Sites	7.29	7.03	15.50	14.36

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 4(k) Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu.Risk) of individual sites (ICD-10)
Based on Age Specific rates (from 0-64 and from 0-74 Years) : 2012 - 2016 Females
Kollam district**

ICD-10	Site	0-64 Years		0-74 Years	
		Cu.Rate %	Cu.Risk	Cu.Rate %	Cu.Risk
C00	Lip	0.0	0.0	0.0	0.0
C01-C02	Tongue	0.1	0.1	0.3	0.3
C03-C06	Mouth	0.2	0.2	0.4	0.4
C07-C08	Salivary Gland	0.0	0.0	0.1	0.1
C09	Tonsil	0.0	0.0	0.0	0.0
C10	Oth. Oropharynx	0.0	0.0	0.0	0.0
C11	Nasopharynx	0.0	0.0	0.0	0.0
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0
C14	Pharynx Unspecified	0.0	0.0	0.0	0.0
C15	Oesophagus	0.1	0.1	0.2	0.2
C16	Stomach	0.1	0.1	0.2	0.2
C17	Small Intestine	0.0	0.0	0.0	0.0
C18	Colon	0.2	0.2	0.3	0.3
C19-C20	Rectum	0.3	0.3	0.5	0.5
C21	Anus & Anal Canal	0.0	0.0	0.0	0.0
C22	Liver	0.1	0.1	0.2	0.2
C23-C24	Gallbladder etc.	0.1	0.1	0.1	0.1
C25	Pancreas	0.1	0.1	0.2	0.2
C30-C31	Nose, Sinuses etc.	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0
C33-C34	Lung etc.	0.2	0.2	0.5	0.5
C37-C38	Other Thoracic Organs	0.0	0.0	0.0	0.0
C40-C41	Bone	0.0	0.0	0.1	0.1
C43	Melanoma of Skin	0.0	0.0	0.0	0.0
C44	Other Skin	0.1	0.1	0.1	0.1
C45	Mesothelioma	0.0	0.0	0.0	0.0
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.1	0.1	0.1	0.1
C50	Breast	2.5	2.4	3.3	3.3
C51	Vulva	0.0	0.0	0.0	0.0
C52	Vagina	0.0	0.0	0.0	0.0
C53	Cervix Uteri	0.5	0.5	0.8	0.8
C54	Corpus Uteri	0.3	0.3	0.4	0.4
C55	Uterus Unspecified	0.0	0.0	0.0	0.0
C56	Ovary etc.	0.4	0.4	0.6	0.6
C57	Other Female Genital	0.0	0.0	0.0	0.0
C58	Placenta	-	-	-	-
C64	Kidney etc.	0.0	0.0	0.1	0.1
C65	Renal Pelvis	-	-	-	-
C66	Ureter	0.0	0.0	0.0	0.0
C67	Bladder	0.0	0.0	0.1	0.1
C68	Uns.Urinary Organs	0.0	0.0	0.0	0.0
C69	Eye	0.0	0.0	0.0	0.0
C70-C72	Brain, Nervous System	0.1	0.1	0.2	0.2
C73	Thyroid	1.0	1.0	1.1	1.1
C74	Adrenal Gland	0.0	0.0	0.0	0.0
C81	Hodgkins Disease	0.0	0.0	0.0	0.0
C82-C85	NHL	0.2	0.2	0.3	0.3
C88	Malig Imn.Prol D	0.0	0.0	0.0	0.0
C90	Multiple Myeloma	0.2	0.2	0.3	0.3
C91	Lymphoid Leuk.	0.1	0.1	0.1	0.1
C92-C94	Myeloid Leukaemia	0.1	0.1	0.2	0.2
C95	Leukaemia Uns	0.0	0.0	0.0	0.0
C96	CMD,O&U LHM	0.0	0.0	0.0	0.0
O&U *	Other and Uns	0.3	0.3	0.7	0.7
	All Sites	7.46	7.19	11.85	11.18

* O&U includes the Sites(ICD-10:C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)