

MINISTRY OF HEALTH

IRAQI CANCER REGISTRY
2007

IRAQI CANCER BOARD
IRAQI CANCER REGISTRY
CENTER

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2010

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1. Results of Iraqi Cancer Registry
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Ministry of Health, Iraqi Cancer Board
Baghdad, 2010
2. Results of Iraqi Cancer Registry
2006
Ministry of Health, Iraqi Cancer Board
Baghdad, 2010
3. Results of Iraqi Cancer Registry
2007
Ministry of Health, Iraqi Cancer Board
Baghdad, 2010

foreword

I am very pleased to foreword to you the 13th report of Iraqi Cancer Registry 2007. This annual report outlines the burden of cancer in Iraq with respect to incidence, according to age, gender, primary site, histopathology, and geographical distribution.

Cancer is one of the major health problem. It is the third cause of death in our country after cardiovascular diseases and accidents, so we urgently need a better plan for the National Cancer Control Program.

Reliable epidemiological data about cancer is the cornerstone for effective planning. These data will be useful for anyone who is involved in improving health care system in general, as well as those who plan the policies for cancer control.

I appreciate the efforts of all who involved in Iraqi Cancer Registry in ensuring high quality data ,collection, processing interpretation, quality control, and evaluation.

The Ministry of Health will continue its help and support to the Iraqi Cancer Registry in terms of resources and all needs to continue its success through reorganization and restructuring.

I urge all health facilities including non-governmental organization to collaborate and cooperate in supporting the Iraqi Cancer Registry as it serves all. Meanwhile I congratulate the Iraqi Cancer Registry on its publication of its 13th report on 2007 cancer data.

Minister of Health

Dr. Saleh Mehdi Al-hasnawi

Introduction

This annual report outlines the burden of cancer in Iraq with respect to incidence, according to age, gender, topography, morphology, and geographical distribution.

Cancer is one of the major health problems in Iraq. This disease has become increasingly important as a public health concern with development and progress that has been achieved in our country, in spite of unstable situation in Iraq.

Cancer is third leading cause of death in Iraq after cardiovascular diseases and accidents and it is a major cause of morbidity among Iraqi population.

Iraqi cancer registry is responsible for collecting information related to every newly diagnosed cancer cases which are registered from governmental and non-governmental health facilities in all Iraqi provinces including Kurdistan Region.

This is the 14th report of Iraqi Cancer Registry publication including incidence of cancer in Iraq for the year 2007, overview the ongoing change in the profile of cancer.

We hope that it will be a primary source not only for epidemiological research on cancer determinants but also for planning and evaluating health services for prevention, early detection, diagnosis, and treatment of cancer.

We would like to express our gratitude to our source data producers, staff of cancer registry in MOH and all governorates, and all those who have in some way or another contributed in making this report a success. Much of work was carried out behind scenes and we would like to record our sincere thanks to all those who did that. Together with all, the Iraqi Cancer Registry will benefit Iraqi people by contributing effectively towards the control of cancer in Iraq.

The editors of the 14th report of Iraqi Cancer Registry

–Dr. Kadhim Alebadi - Dr. Heyam Muzahim

ACKNOWLEDGMENT:

This work is completed with the grace and guidance of Allah.

We would like to thank H. E the Minister of health DR. Salih Mehdi Al- Hesnawi for his kindness and help to facilitate our work.

Also we would like to thank Health minister Deputy Dr. Aamer Al- Khuzaee who did his best with us to facilitate our hard work

We also would like to thank the ministry of health in Kurdistan region for their help in providing us with the registered cases of cancers in the Northern provinces.

Deep regards are also to the staff of cancer registry units in the health directorates of Iraq, for their participation in preparing the materials of this work.

Iraqi Cancer Registry Team (2007)

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Dr. Ahlam Hadi	specialist doctor
Dr. Heyam Muzahim	general practioner
Dr. Kadhim Al-Ebadi	general practioner

**IRAQI CANCER REGISTRY
2007**

Table (1)**The Annual Number of New Cancer Cases**

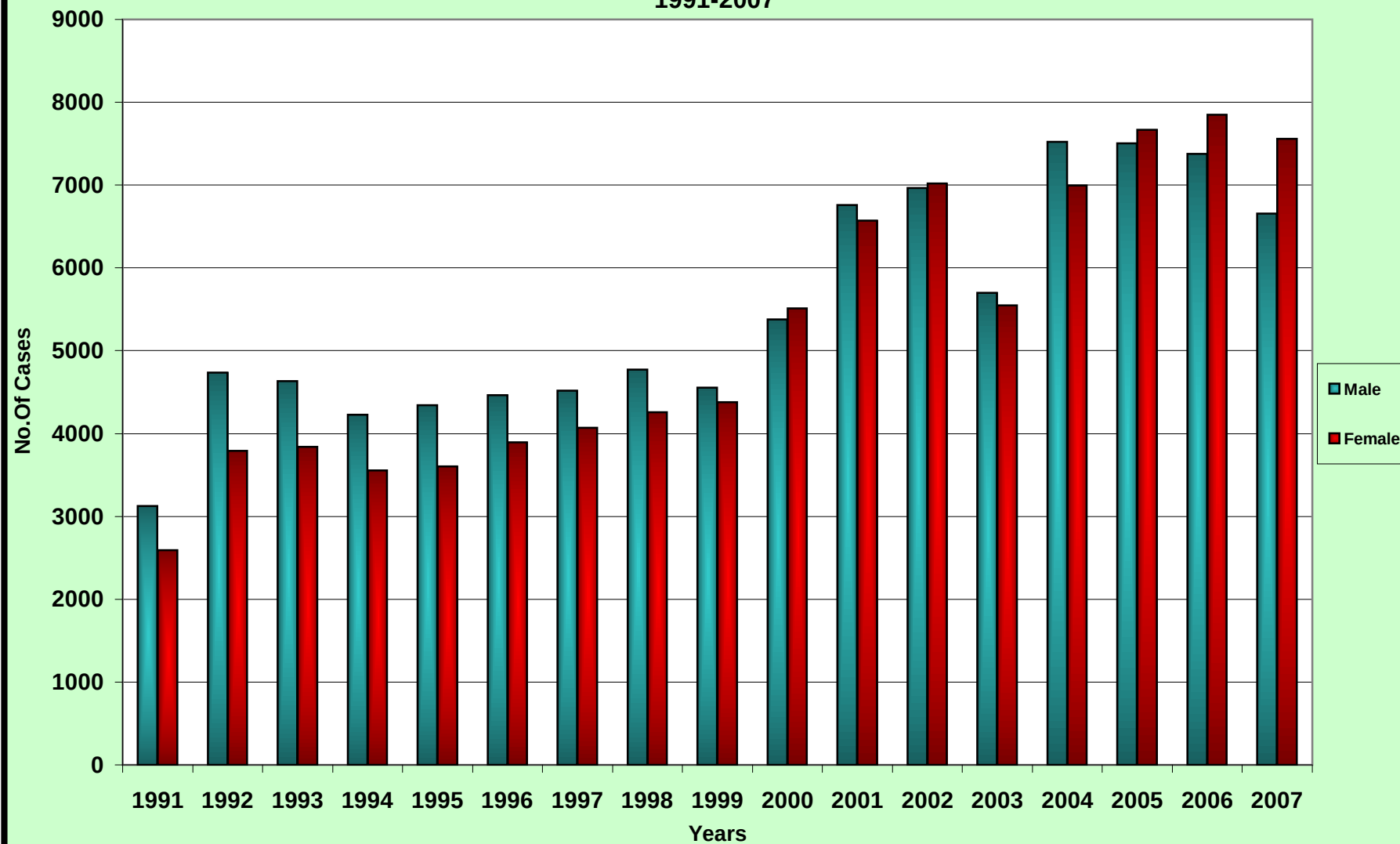
years	No. of new cases Registered	Male		Female		Registered Cases /10 ⁵ pop
		No.	%	No.	%	
1991	5720	3125	54.63	2595	45.37	31.05
1992	8526	4735	55.54	3791	44.46	44.99
1993	8471	4632	54.68	3839	45.32	43.49
1994	7785	4230	54.34	3555	45.66	38.91
1995	7948	4344	54.66	3604	45.34	44.69
1996	8360	4466	53.42	3894	46.58	45.69
1997	8592	4521	52.62	4071	47.38	45.67
1998	9033	4774	52.85	4259	47.15	45.74
1999	8936	4556	50.98	4380	49.02	43.95
2000	10888	5376	49.38	5512	50.63	52.00
2001	13332	6758	50.69	6574	49.31	61.83
2002	13985	6964	49.80	7021	50.20	62.97
2003	11248	5698	50.66	5550	49.34	49.17
2004	14520	7525	51.83	6995	48.17	61.63
2005	15172	7505	49.47	7667	50.53	54.26
2006	15226	7377	48.45	7849	51.54	52.84
2007	14213	6656	46.83	7557	53.16	47.88
Total	166729	85865	51.50	80864	48.50	---

Registered in 1991-2007 by Gender

From (1991 till 1994)2005 and 2006and2007 Included Kurdistan Region

From (1995 till 2004) without Kurdistan Region

**The Annual Number Of Cancer Cases by Gender/IRAQ
1991-2007**



Annual Number of New Cases 2007

TABLE (2)
Estimated Population Of IRAQI by Age
Group and Gender (2007)

Age Group	Males	Females	Total
0 - 4	2548402	2422427	4970829
5 - 9	2166818	2055210	4222028
10-14	1833813	1772143	3605956
15-19	1631272	1575275	3206547
20-24	1394941	1350975	2745916
25-29	1184126	1158525	2342651
30-34	987662	981479	1969141
35-39	806089	817220	1623309
40-44	624348	656620	1280968
45-49	494742	529860	1024602
50-54	378954	411344	790298
55-59	292240	319199	611439
60-64	218171	235596	453767
65-69	154180	171790	325970
70 +	227758	280902	508660
Total	14943516	14738565	29682081

Table (3)
Cancer Age-Specific Incidence Rate (ASIR) per 100.000 Populations;
by Gender –Iraq 2007

Age Group	MALES		Females		Total	
	No	Incidence Rate	No	Incidence Rate	No	Incidence Rate
0-	235	9.22	168	6.94	403	8.11
5-	215	9.92	153	7.44	368	8.72
10-	205	11.18	120	6.77	325	9.01
15-	201	12.32	166	10.54	367	11.45
20-	218	15.63	195	14.43	413	15.04
25-	205	17.31	272	23.48	477	20.36
30-	234	23.69	379	38.62	613	31.13
35-	304	37.71	678	82.96	982	60.49
40-	322	51.57	779	118.64	1101	85.95
45-	331	66.90	793	149.66	1124	109.70
50-	673	177.59	1023	248.70	1696	214.60
55-	619	211.81	676	211.78	1295	211.80
60-	870	398.77	731	310.28	1601	352.82
65-	657	426.13	489	284.65	1146	351.57
70+	1302	571.66	856	304.73	2158	424.25
unknown	65	-----	79		144	
ALL	6656	44.54	7557	51.27	14213	47.88

**The First Ten
Leading Cancers in Males and
Females In Their
Order of Frequency**

Table (4)
The Commonest Ten Cancers by Site / IRAQ / 2007

PRIMARY SITE	NO. OF CASES	MALE	FEMALE	TOTAL % OF	REGISTERED CASES /10 ⁵ POP.
1- Breast	2835	78	2757	19.95	9.55
2- Leukaemia*	1226	677	549	8.63	4.13
3- Bronchus & lung	1209	918	291	8.51	4.07
4- Bladder	807	639	168	5.68	2.72
5- Non-Hodgkin's Lymphoma**	781	468	313	5.49	2.63
6- Brain and Other CNS***	726	402	324	5.11	2.45
7-Colorectal	599	335	264	4.21	2.01
8- Stomach	434	232	202	3.05	1.46
9-Hodgkin's disease	416	244	172	2.93	1.40
10-Skin, others	368	223	145	2.59	1.24
Total Top Ten	9401	4216	5185	66.14	31.67
ALL Sites	14213	6656	7557	100	47.88

Estimated Population of Iraq 2007: (29682081)

* Leukemia Includes

Lymphoid Leukemia

Myeloid Leukemia

Other Specified Leukemia

Leukemia of Unspecified Cell Type

** Non –Hodgkin's Lymphoma (Nodal & Extra nodal) Includes:

*** Brain & Other CNS Includes:

Benign & Malignant Tumours of the Brain,

Intracranial Meninges & Spinal Meningiomas

Figure (2)

The Commonest Ten Cancers (2007)

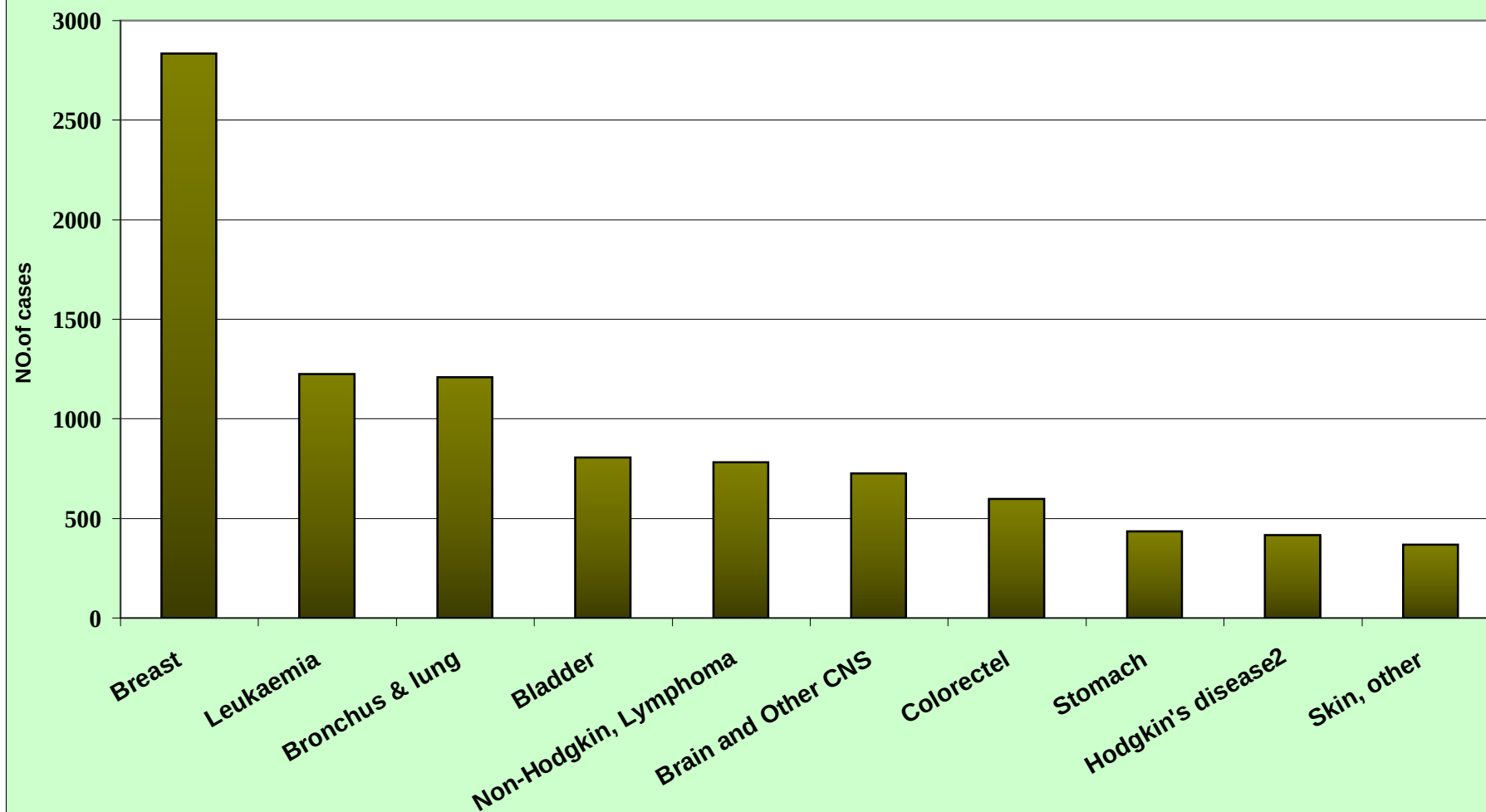
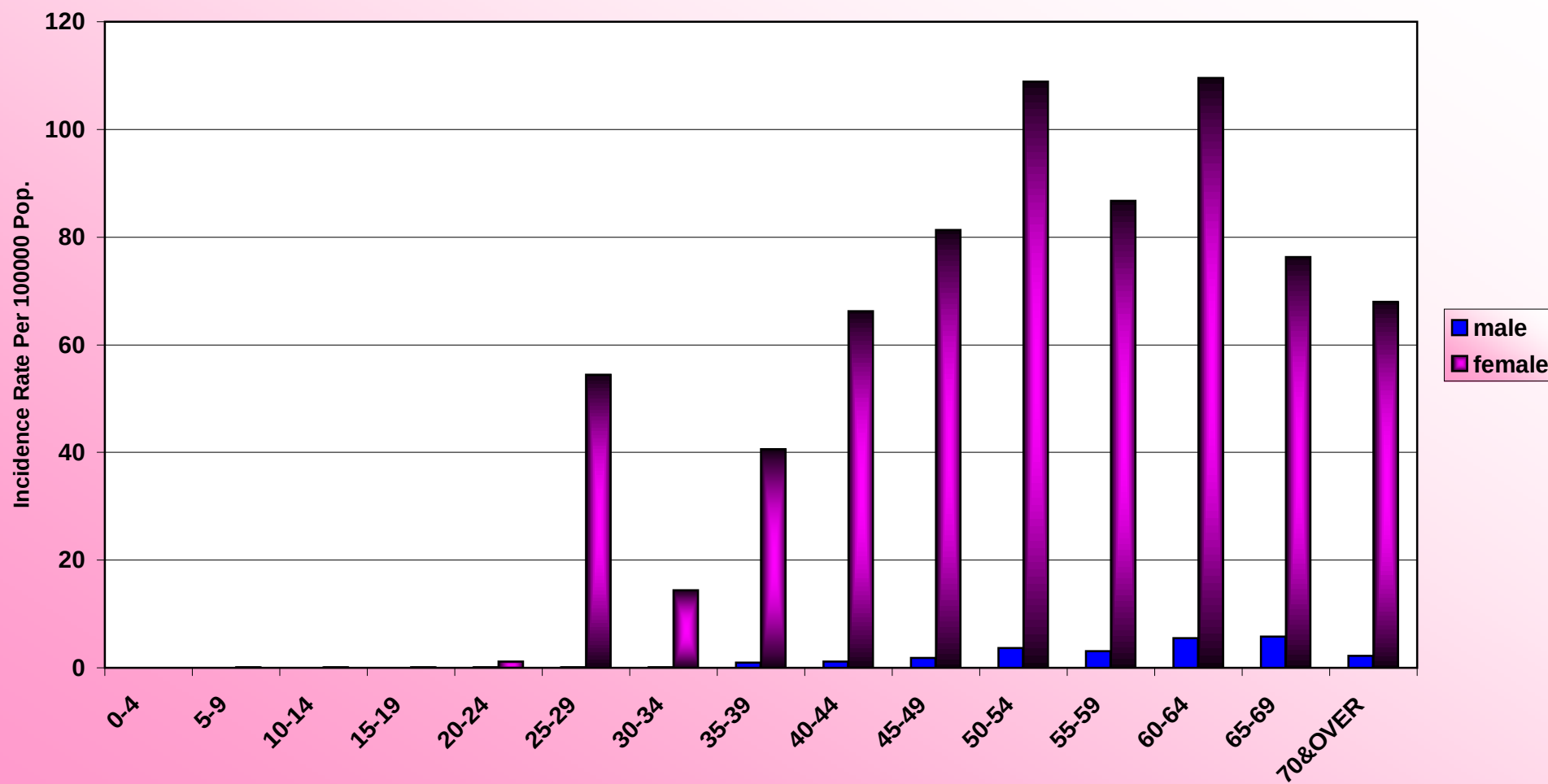


Table (4 - A)
Age Specific Incidence Rate for Top Ten Cancers

Top Ten	Sex	0-4	5-9	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+	T
Breast	M	0.00	0.00	0.00	0.00	0.07	0.08	0.10	0.99	1.12	1.82	3.69	3.08	5.50	5.84	2.20	0.52
	F	0.04	0.05	0.06	0.06	1.18	54.39	14.37	40.63	66.25	81.34	108.91	86.78	109.51	76.26	68.00	18.71
leukemia	M	2.98	3.78	4.14	3.49	3.23	2.36	4.66	3.35	2.88	3.44	10.56	11.63	20.63	14.92	25.90	4.53
	F	2.81	3.02	2.37	2.09	1.70	2.59	3.67	4.41	4.57	5.28	12.16	8.15	10.61	9.31	15.31	3.72
Bronchus &Lung	M	0.00	0.05	0.11	0.18	0.22	0.76	0.91	1.86	5.61	6.47	22.96	43.12	77.46	99.23	118.99	6.14
	F	0.00	0.00	0.00	0.00	0.15	0.26	1.02	1.47	1.98	1.70	8.51	10.03	23.77	20.96	28.84	1.97
bladder	M	0.16	0.09	0.00	0.06	0.22	0.42	0.81	2.36	2.24	3.84	20.58	22.24	54.09	58.37	89.57	2.47
	F	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.49	1.22	1.32	3.65	3.45	12.73	16.88	22.07	1.14
Non –hodgkin lymphomas	M	1.26	1.94	1.47	1.59	1.58	2.70	1.62	2.36	4.16	5.26	14.25	10.61	17.88	18.16	19.76	3.13
	F	0.54	0.92	0.51	0.95	1.04	1.55	1.22	2.45	3.35	3.96	9.48	6.89	14.01	9.90	12.10	2.12
brain	M	1.22	0.92	1.25	1.35	2.01	1.77	2.33	3.97	4.16	7.48	6.86	10.95	12.83	15.57	10.98	2.69
	F	0.83	1.56	1.13	1.27	1.18	2.16	2.34	3.55	3.50	4.91	6.08	3.76	7.22	7.57	7.83	2.20
Colorectal	M	0.00	0.05	0.00	0.18	0.50	1.18	1.21	3.10	3.36	5.46	10.82	14.71	18.33	21.40	28.10	2.24
	F	0.00	0.00	0.00	0.06	0.52	0.95	1.53	2.32	3.96	4.72	10.70	10.34	10.19	13.39	11.04	1.79
Stomach	M	0.04	0.05	0.00	0.06	0.36	0.42	0.51	1.36	2.88	3.84	8.18	8.55	12.38	20.75	21.08	1.55
	F	0.04	0.00	0.06	0.13	0.15	0.43	0.71	2.81	2.28	3.77	6.08	8.46	8.49	14.55	9.97	1.37
Hodgkin's disease	M	0.12	0.92	0.93	1.47	1.79	1.69	1.92	2.23	3.36	2.02	3.69	5.47	6.42	4.54	7.03	1.63
	F	0.04	0.49	0.45	1.84	2.22	1.64	1.73	0.86	1.22	0.75	2.43	3.13	1.70	3.49	2.49	117
skin	M	0.04	0.23	0.33	0.25	0.29	0.34	1.01	1.12	1.92	1.82	8.18	7.53	11.92	14.92	23.27	1.49
	F	0.08	0.05	0.00	0.19	0.30	0.35	0.41	0.86	1.22	1.51	5.35	2.19	7.22	9.90	14.24	0.98

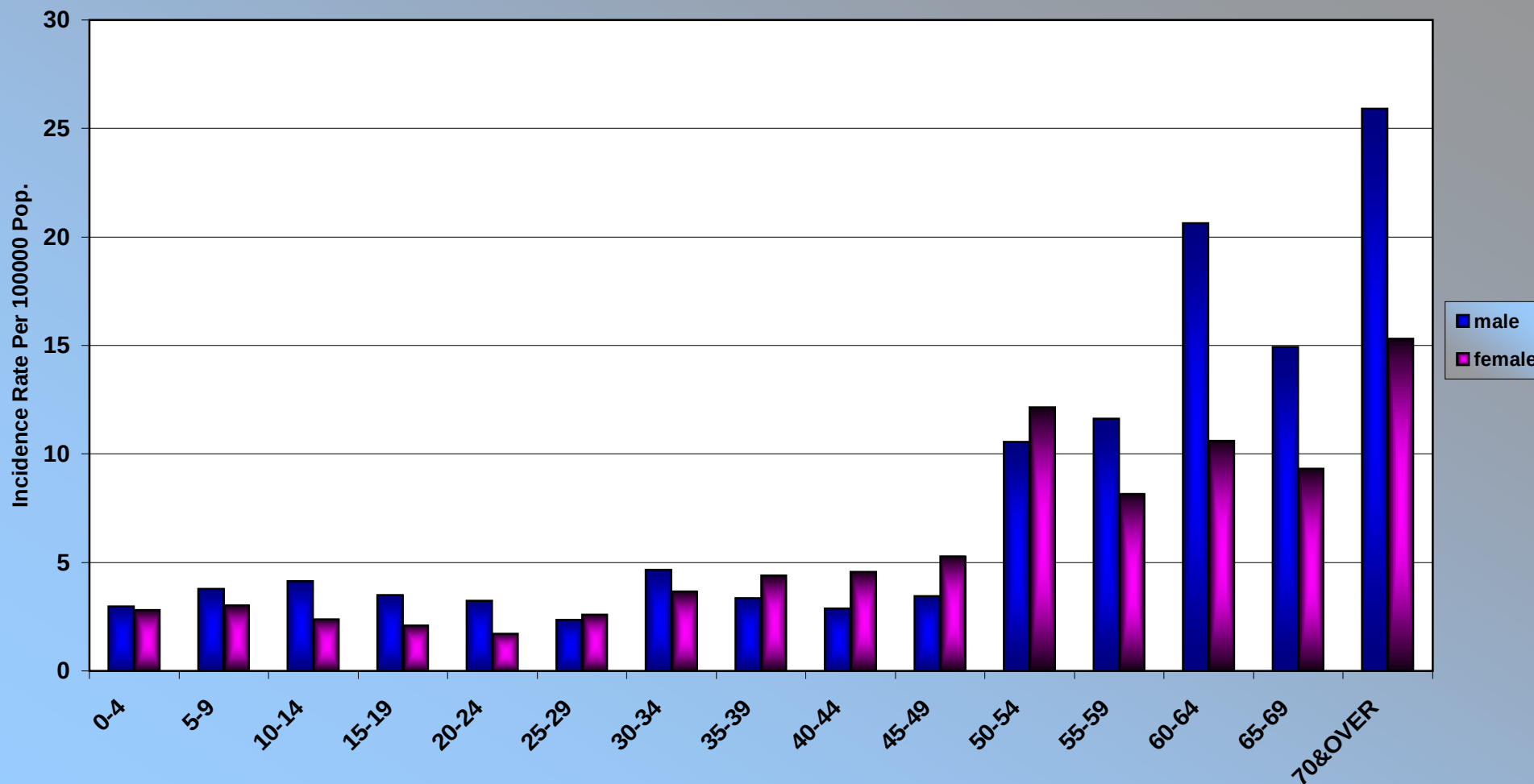
Figure(2-1)

Age Specific Incidence Rate for Ca. Breast



Figuer(2-2)

Age Specific Incidence Rate for Leukemia



Figure(2-3)

Age Specific Incidence Rate for Ca. Bronchus & Lung

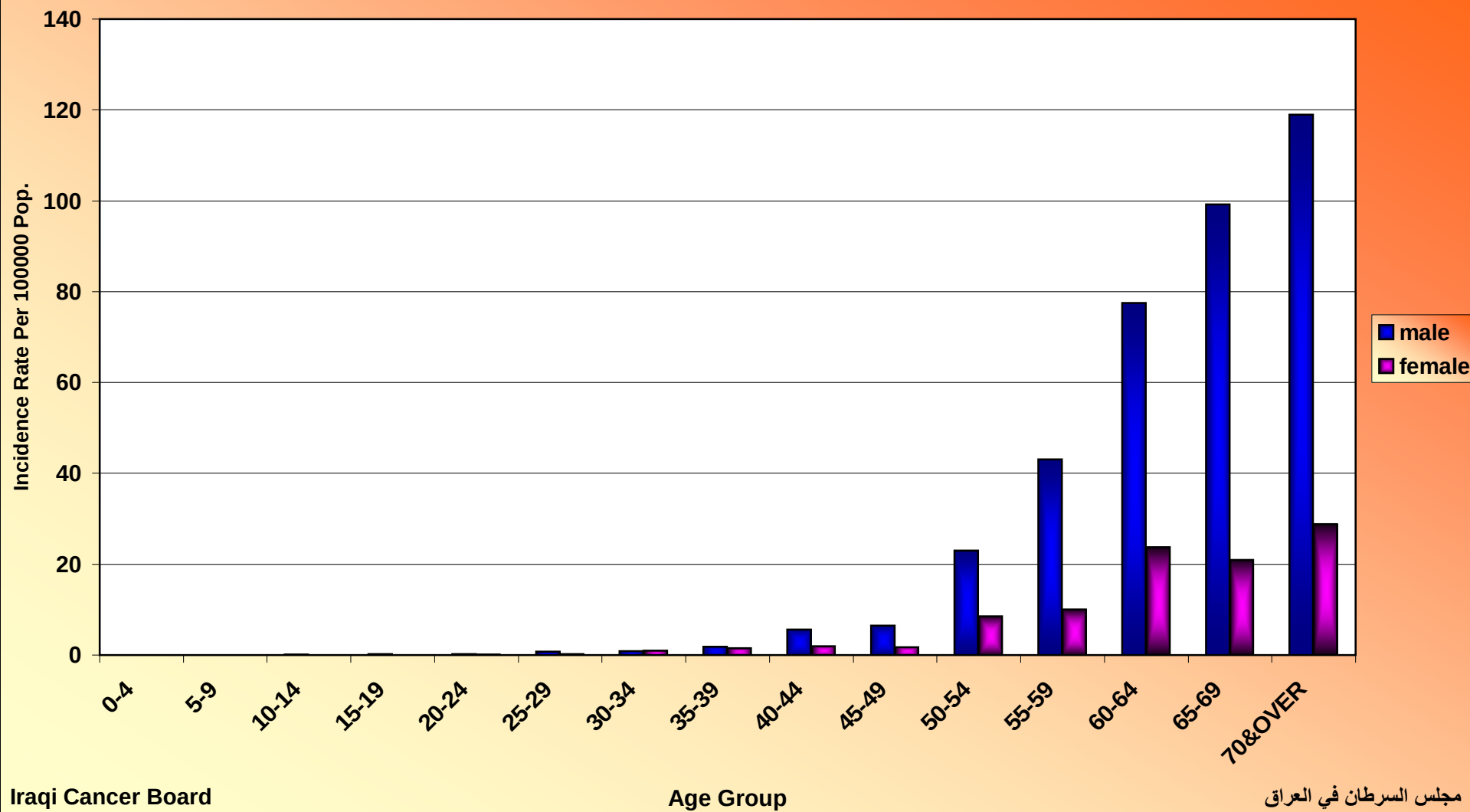
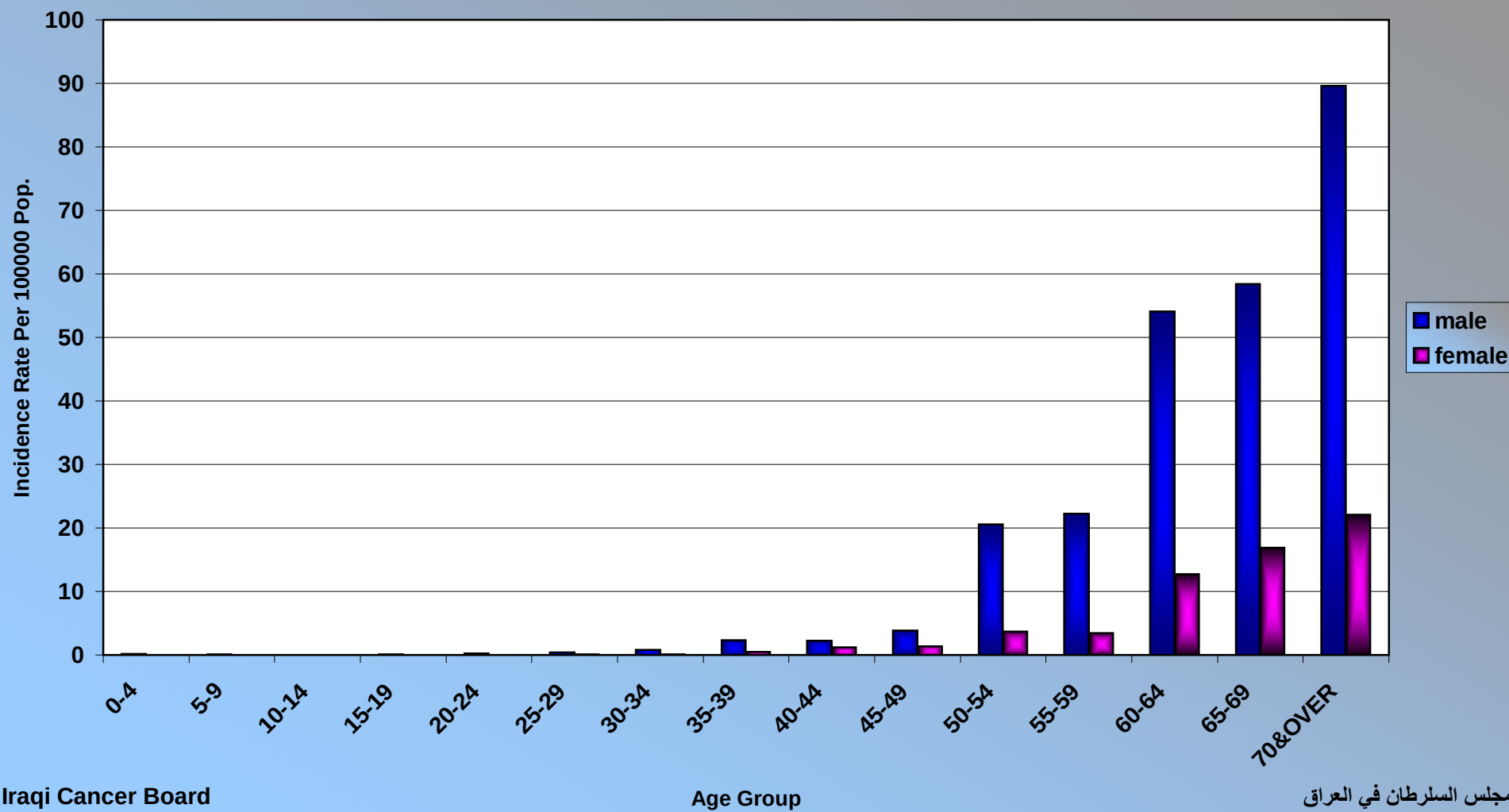


Figure (2-4)

Age Specific Incidence Rate for Ca. Urinary Bladder



Figure(2-5)

Age Specific Incidence Rate for Non-Hodgkin's Lymphoma

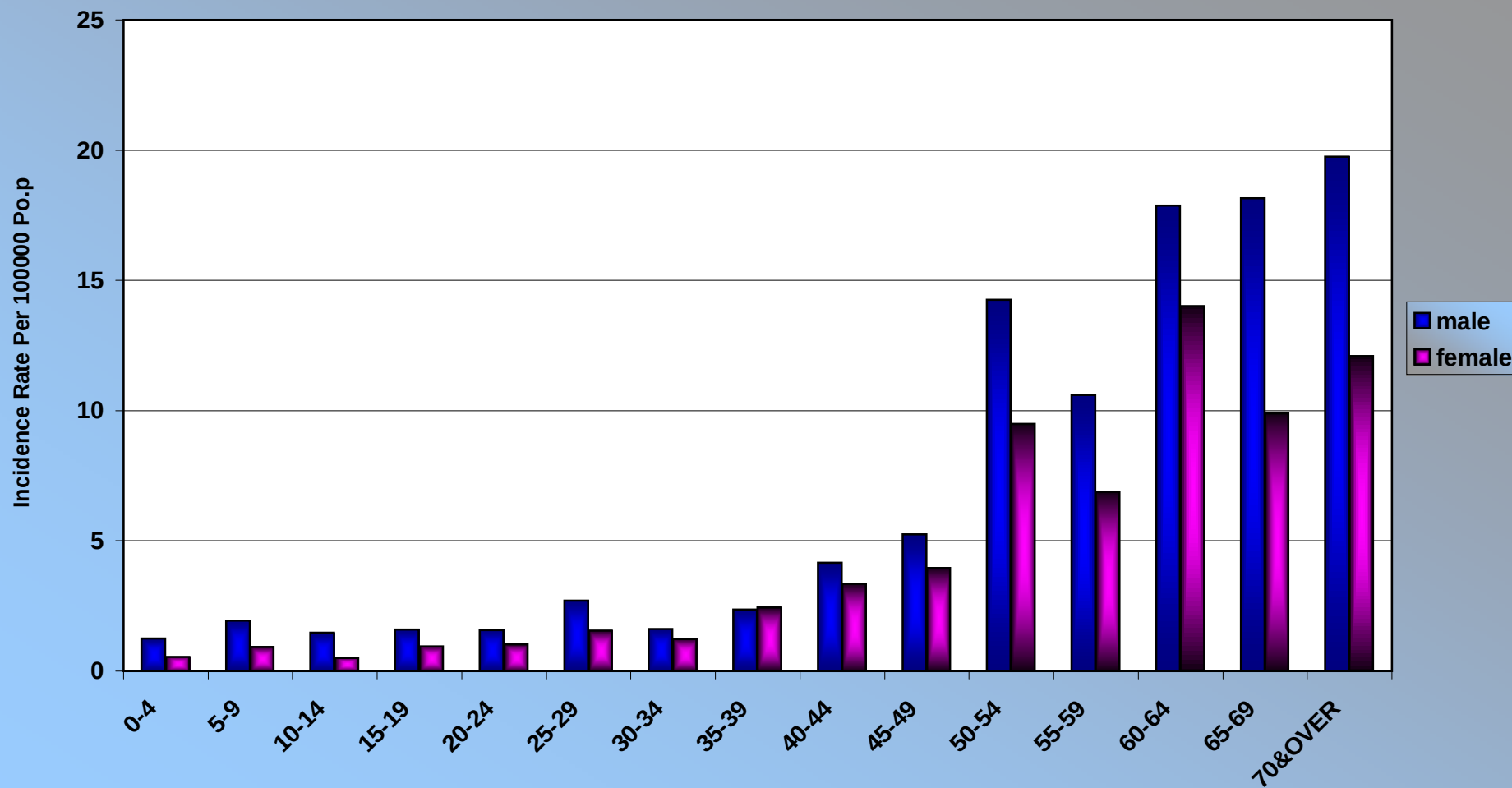


Figure (2-6)

Age Specific Incidence Rate for Ca. Brain and Other CNS

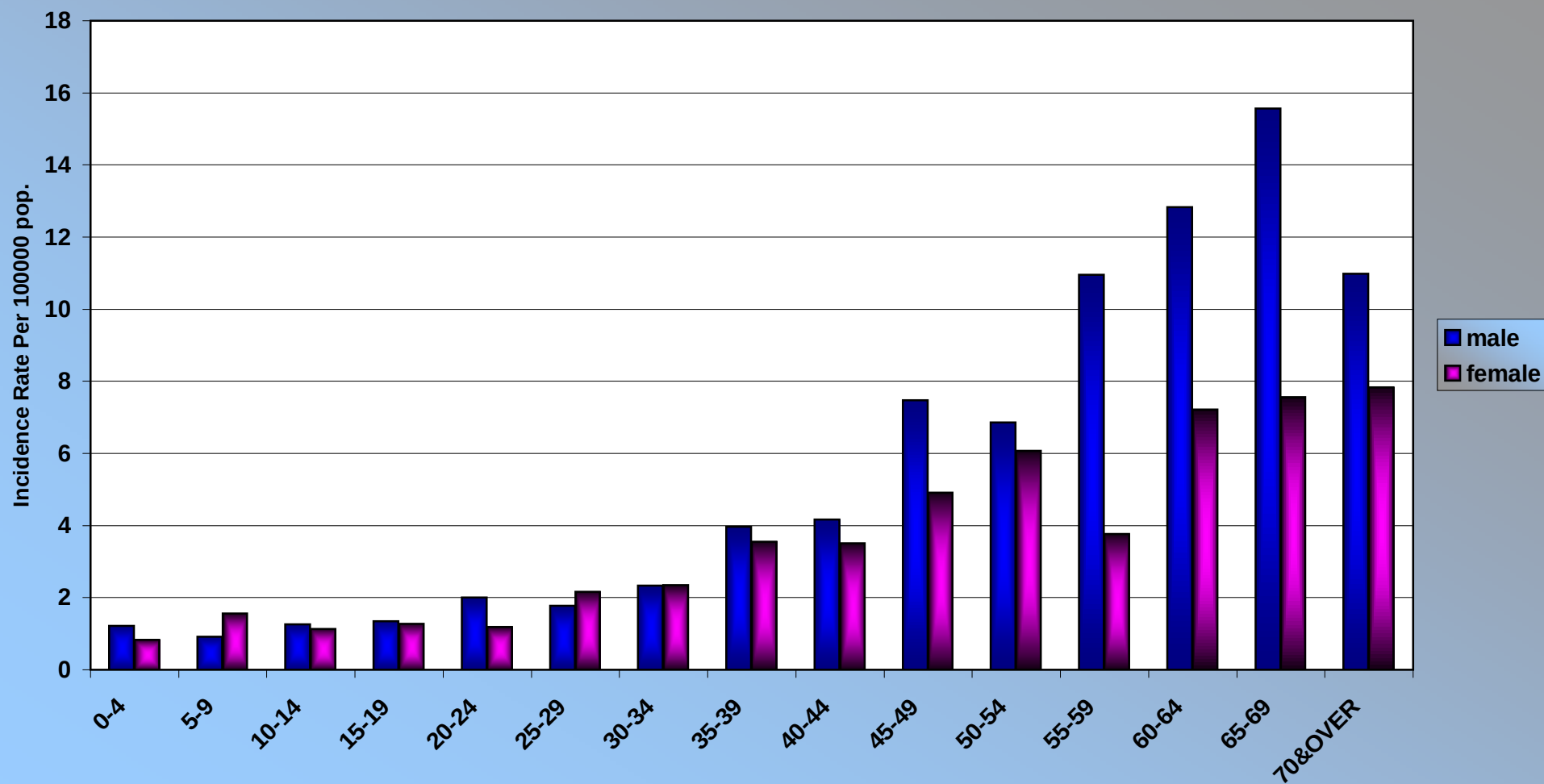
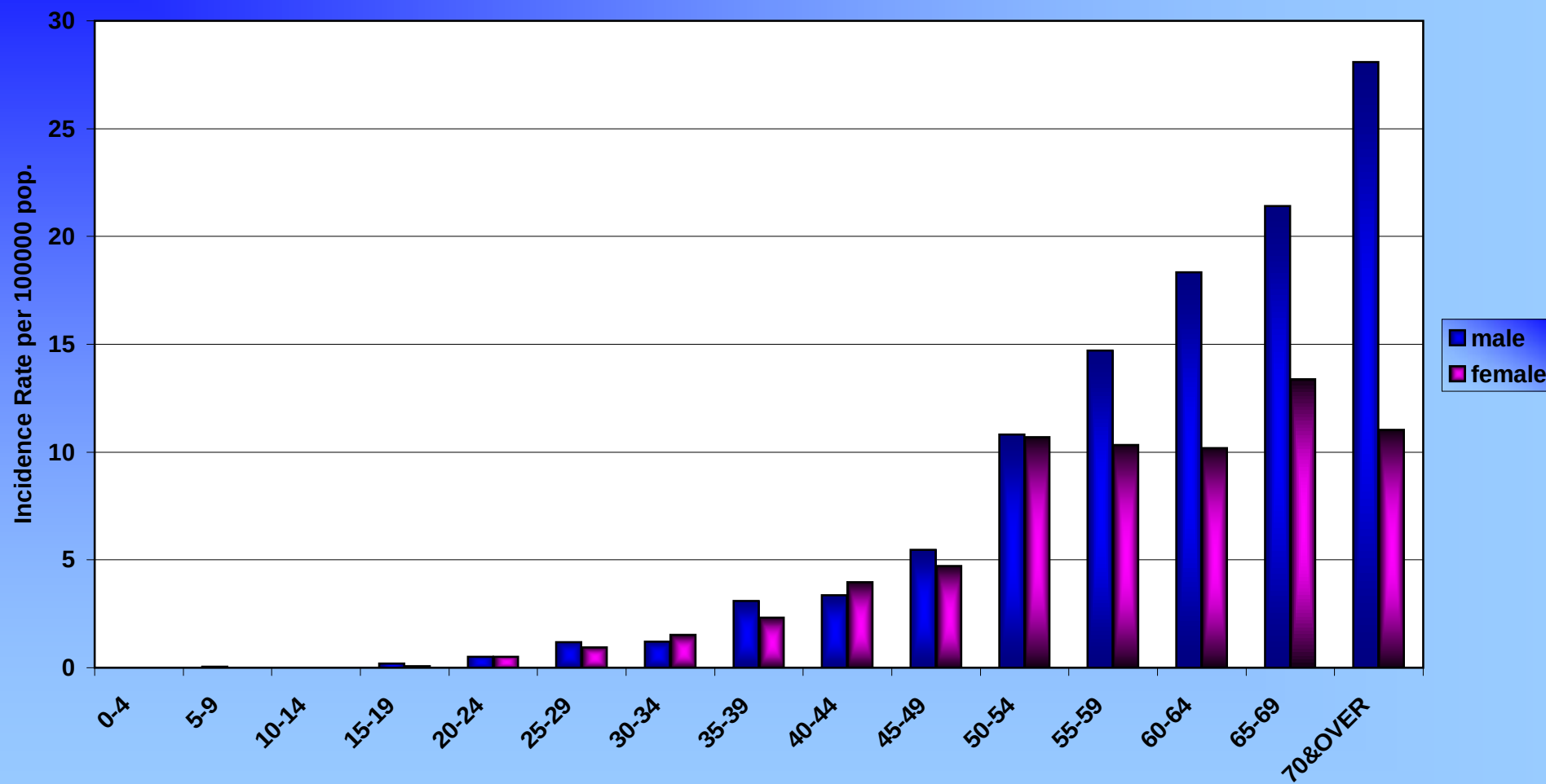


Figure (2-7)

Age Specific Incidence Rate for Ca .Colorectal



Figuer (2-8)

Age Specific Incidence Rate Ca.Stomach

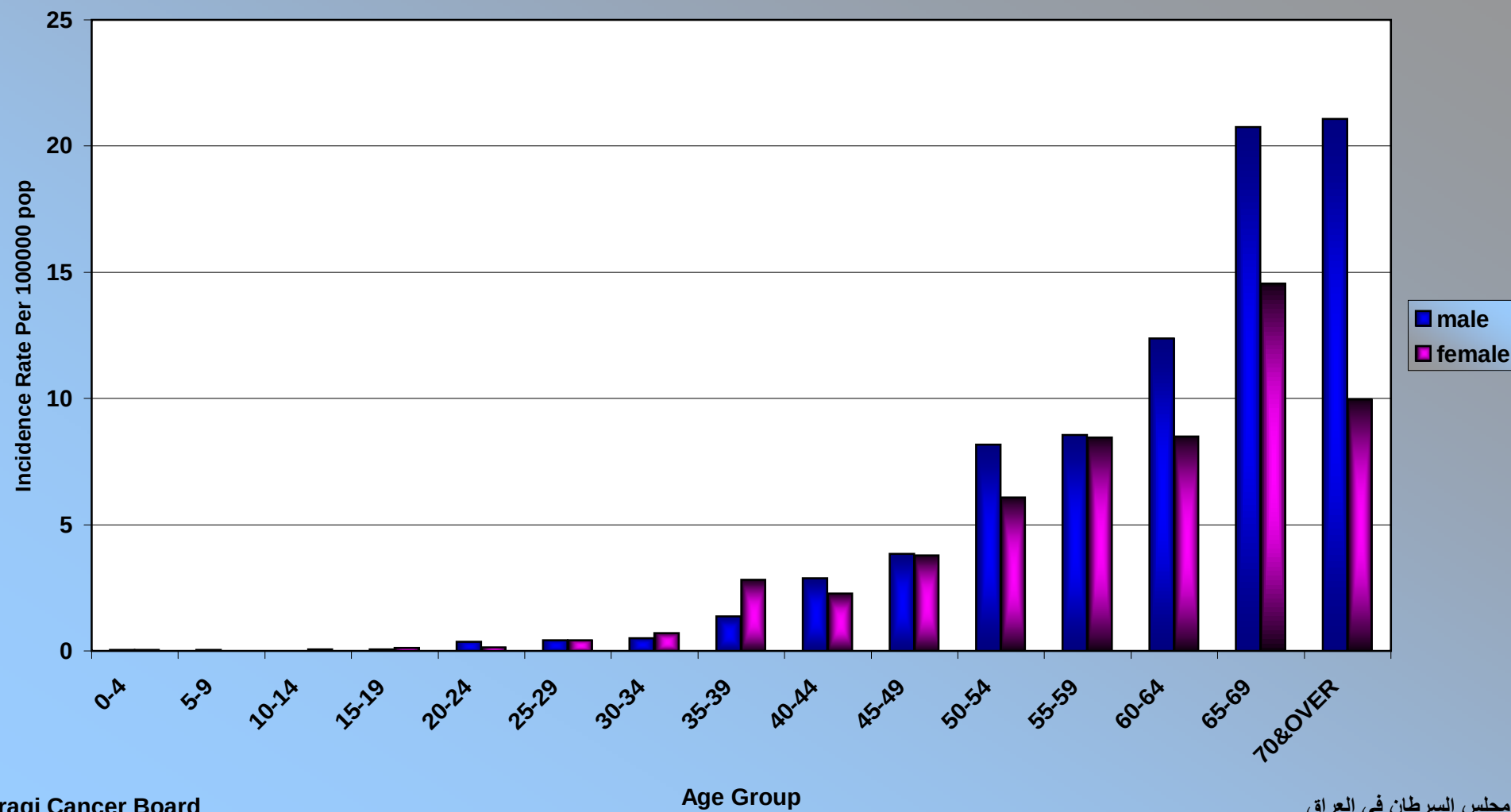
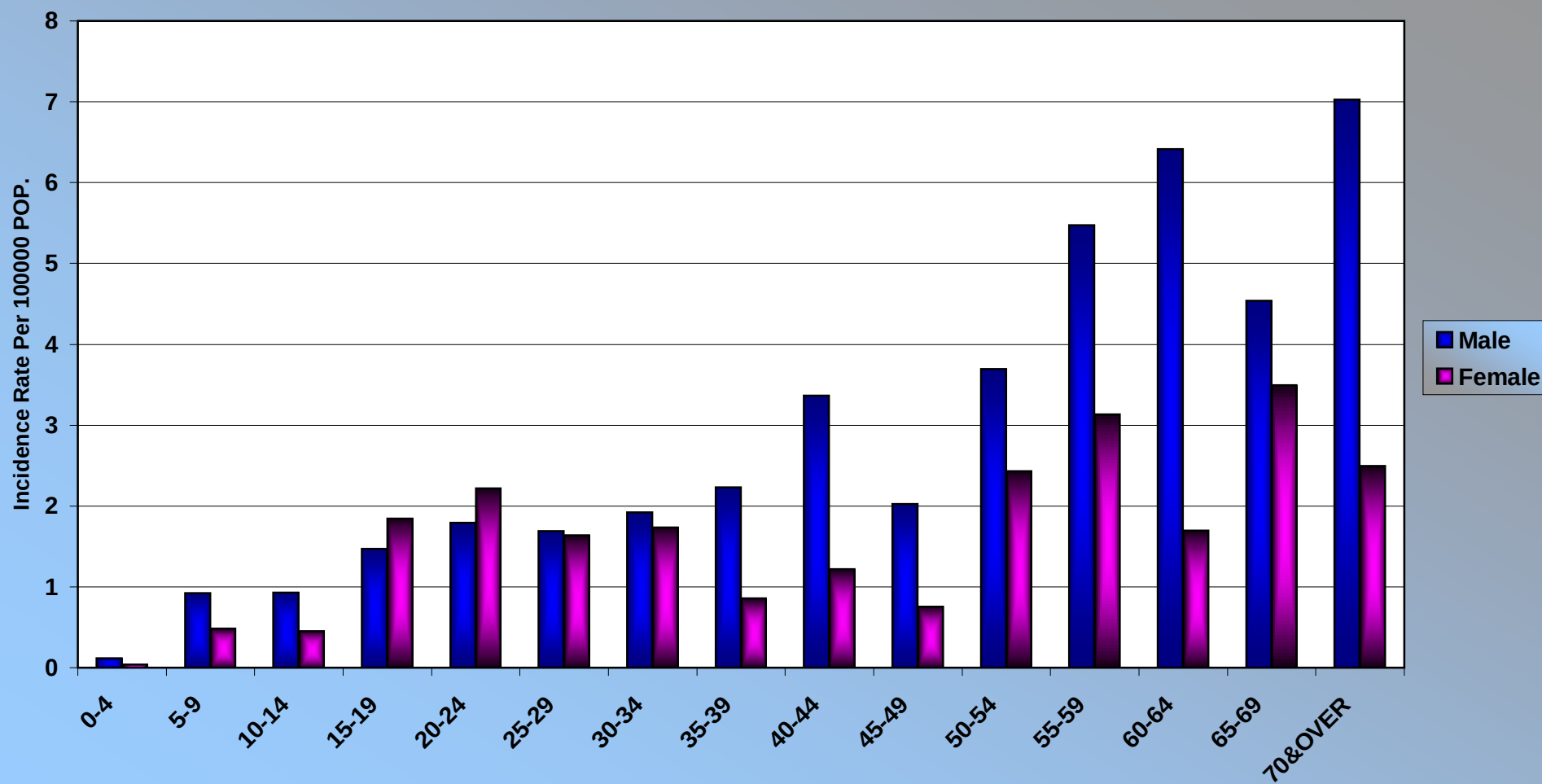


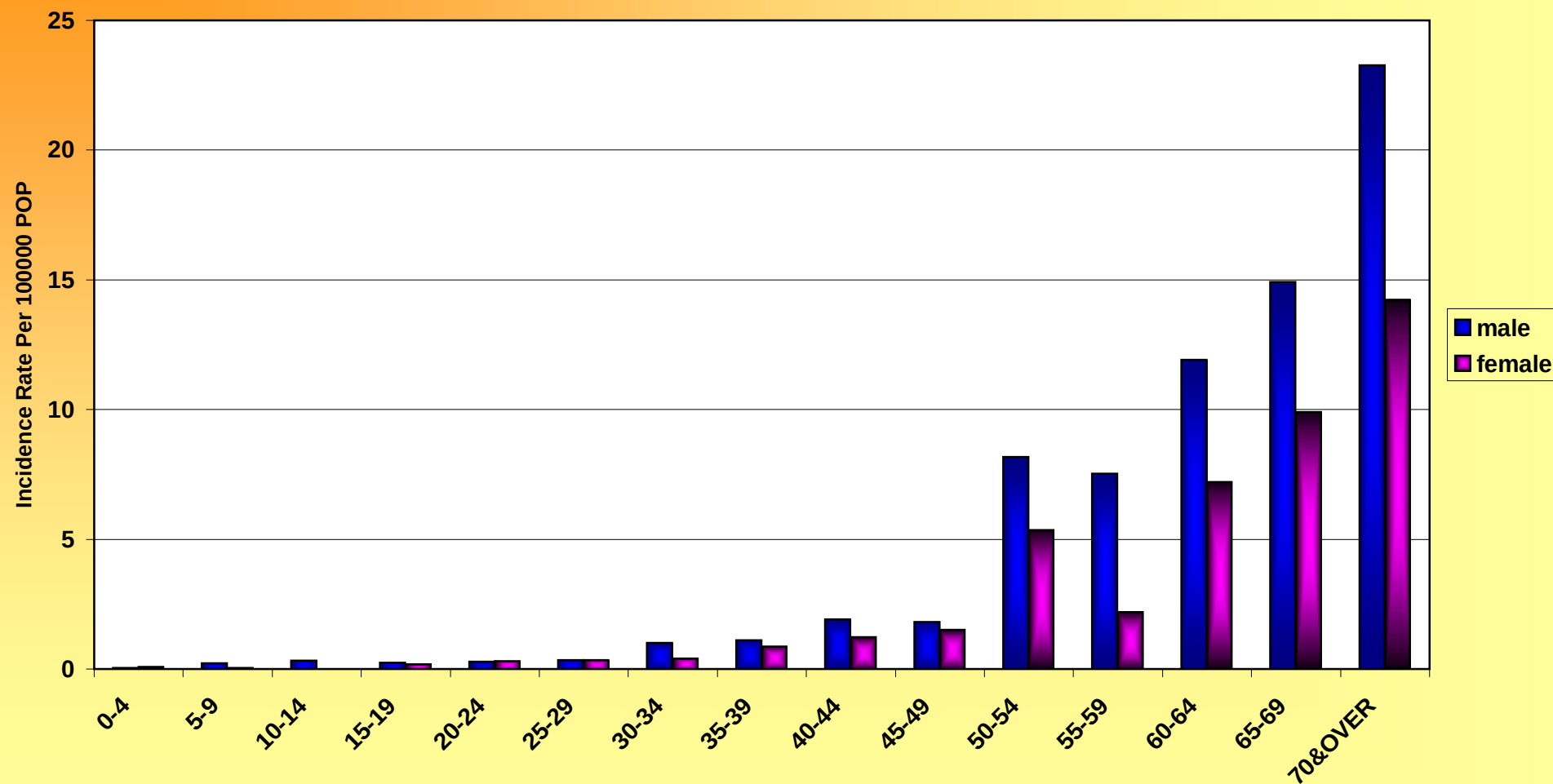
Figure (2-9)

Age Specific Incidence Rate for Hodgkins Disease



Figure(2-10)

Age Specific Incidence Rate for Ca. Skin



Iraqi Cancer Board

Age Group

مجلس السرطان في العراق

Figure A (1-10)

Incidence Rate Per 100000 For Breast Cancer In Iraq by Gender 1996-2007

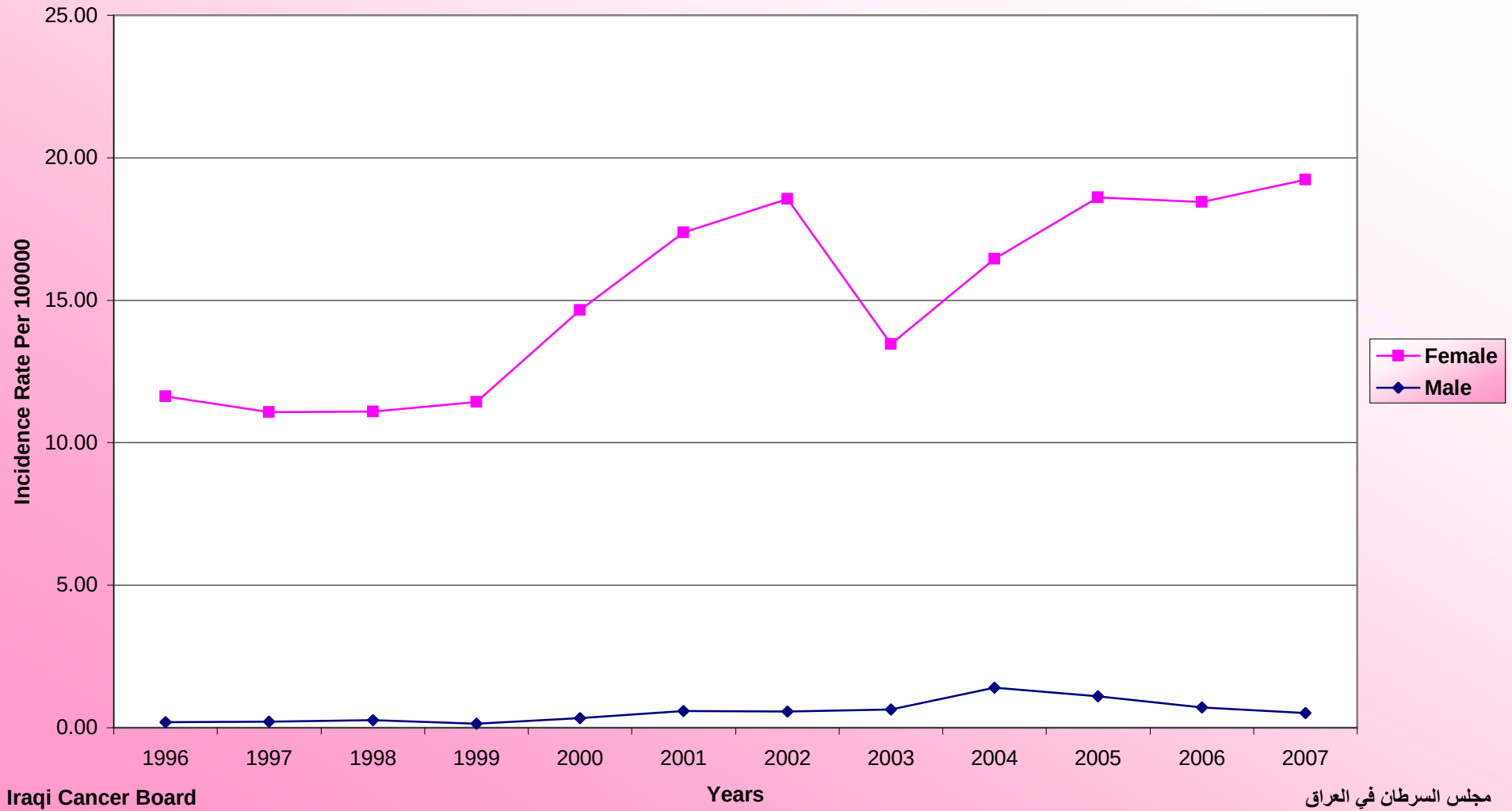


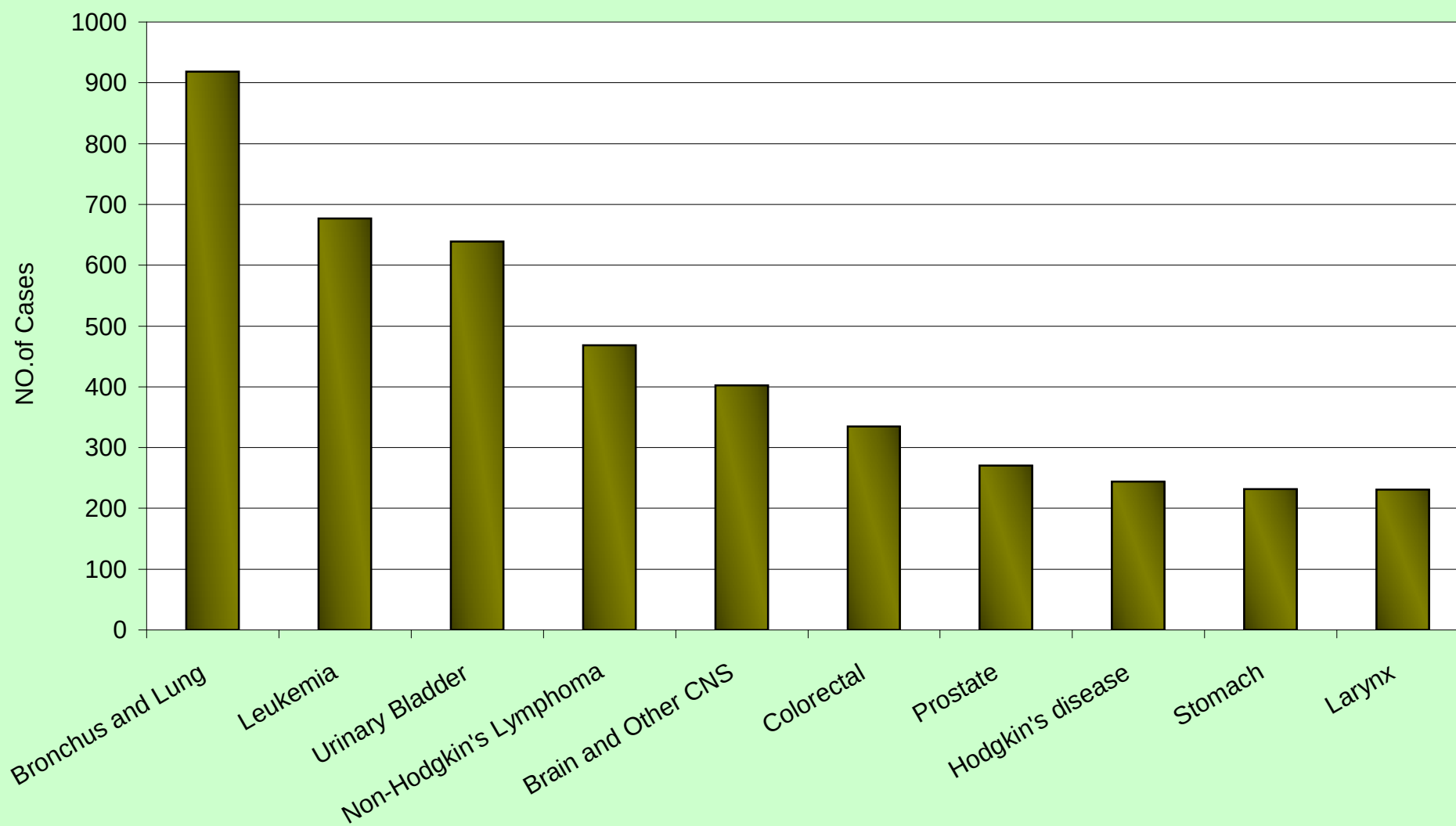
Table (5)**The Commonest Ten Cancers by Site in Males / IRAQ / 2007**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10⁵ POP.
1- Bronchus and Lung	918	13.79	6.14
2- Leukemia	677	10.17	4.53
3- Urinary Bladder	639	9.60	4.28
4- Non-Hodgkin's Lymphoma	468	7.03	3.13
5- Brain and Other CNS	402	6.04	2.69
6-Colorectal	335	2.24	2.24
7-Prostate	270	4.06	1.81
8-Hodgkin's disease	244	3.67	1.63
9- Stomach	232	3.49	1.55
10- Larynx	231	3.47	1.54
Total top Ten	4408	6.22	28.8
All Sites	6656	100	44.5

Estimated Male Population of Iraq 2007: (14943516)

Figure (3)

The Commonest Ten Cancers in males
2007



Top Ten

Table (6)

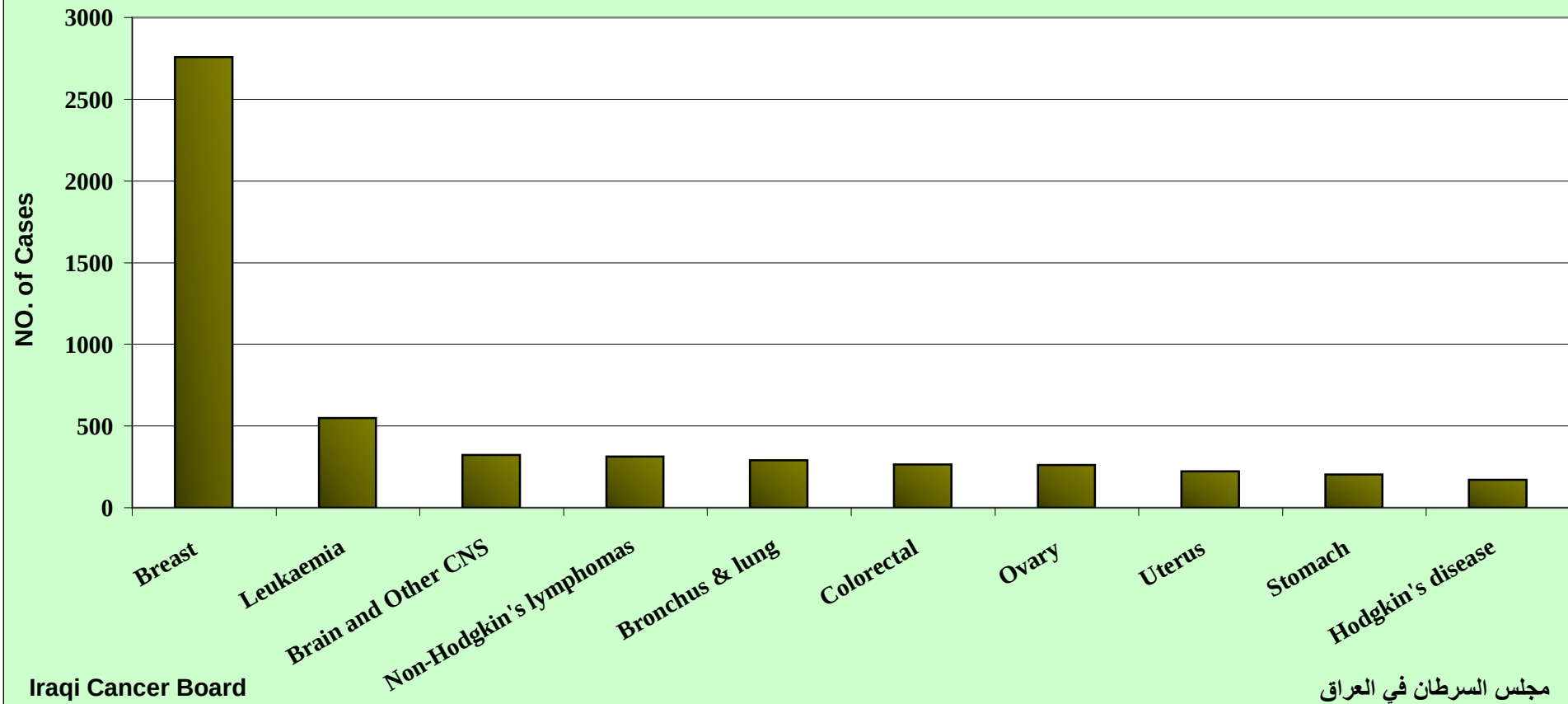
The Commonest Ten Cancers by Site in females / IRAQ / 2007

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10⁵ POP.
1-Breast	2757	36.48	18.71
2- Leukemia	549	7.26	3.72
3- Brain and Other CNS***	324	4.29	2.20
4- Non-Hodgkin's Lymphoma	313	4.14	2.12
5-Bronchus and Lung	291	3.85	1.97
6-Colorectal	264	3.49	1.79
7-Ovary	261	3.45	1.77
8- Uterus	223	2.95	1.51
9- Stomach	202	2.67	1.37
10- Hodgkin's disease	172	2.28	1.17
Total top Ten	5356	70.87	36.34
All Sites	7557	100	51.27

Estimated Females Population of Iraq 2007: (14738565)

Figure (4)

The Commonest Ten Cancers in females 2007



**Annual Number of New
Cases Percentage of Total and
Crude Rates / 100,000 by Primary
Site and Sex**

Table (7)
The Crude Incidence Rates / 100,000 Population
of Malignant Tumors (2007)

Site	ICD-O	Total	Male	Female	%of Total	Registered Cases /10 ⁵ pop.
Lip	C00	6	4	2	0.04	0.02
Tongue, base	C01	1	1	0	0.01	0.00
Tongue, other	C02	60	32	28	0.42	0.20
Gum	C03	11	7	4	0.08	0.04
Mouth, floor	C04	3	0	3	0.02	0.01
Mouth, palate	C05	9	7	2	0.06	0.03
Mouth, other	C06	22	15	7	0.15	0.07
Parotid gland	C07	31	14	17	0.22	0.10
Salivary glands, other	C08	18	6	12	0.13	0.06
Tonsil	C09	10	5	5	0.07	0.03
Oropharynx	C10	1	1	0	0.01	0.00
Nasopharynx	C11	59	39	20	0.42	0.20
Pyriiform sinus	C12	7	7	0	0.05	0.02
Hypopharynx	C13	21	8	13	0.15	0.07
Other Lip, Oral, Pharynx	C14	47	26	21	0.33	0.16
Oesophagus	C15	105	64	41	0.74	0.35
Stomach	C16	434	232	202	3.05	1.46
Small intestine	C17	69	28	41	0.49	0.23
Colon	C18	380	207	173	2.67	1.28
Rectosigmoid junction	C19	22	15	7	0.15	0.07
Rectum	C20	185	105	80	1.30	0.62
Anus & anal canal	C21	12	8	4	0.08	0.04
Liver & bile ducts	C22	307	174	133	2.16	1.03
Gallbladder	C23	47	18	29	0.33	0.16
Biliary tract, other	C24	34	20	14	0.24	0.11
Pancreas	C25	258	146	112	1.82	0.87

Other digestive organs	C26	46	21	25	0.32	0.15
Nasal cavity, middle ear	C30	10	6	4	0.07	0.03
Accessory sinuses	C31	11	9	2	0.08	0.04
Larynx	C32	319	231	88	2.24	1.07
Trachea	C33	4	2	2	0.03	0.01
Bronchus & lung	C34	1209	918	291	8.51	4.07
Thymus	C37	13	9	4	0.09	0.04
Heart, mediast. pleura	C38	26	16	10	0.18	0.09
Other respir. & thoracic	C39	13	10	3	0.09	0.04
Bone & cartilage, limbs	C40	93	53	40	0.65	0.31
Bone & cartilage, other	C41	172	107	65	1.21	0.58
Bon Marrow (for leukemia, see below)	C42	39	22	17	0.27	0.13
Skin, melanoma	C43	41	21	20	0.29	0.14
Skin, other	C44	368	223	145	2.59	1.24
Nerves, periferal & CNS	C47	17	10	7	0.12	0.06
Peritoneum & Retroperit.	C48	10	4	6	0.07	0.03
Other connect./soft tiss	C49	210	115	95	1.48	0.71
Breast	C50	2835	78	2757	19.95	9.55
Vulva	C51	11	0	11	0.08	0.04
Vagina	C52	10	0	10	0.07	0.03
Cervix uteri	C53	128	0	128	0.90	0.43
Corpus uteri	C54	75	0	75	0.53	0.25
Uterus unspecified	C55	223	0	223	1.57	0.75
Ovary	C56	261	0	261	1.84	0.88
Female genital, other	C57	4	0	4	0.03	0.01
Placenta	C58	63	0	63	0.44	0.21
Penis	C60	2	2	0	0.01	0.01
Prostate	C61	270	270	0	1.90	0.91
Testis	C62	97	97	0	0.68	0.33
Male genital, other	C63	2	2	0	0.01	0.01
Kidney, not renal pelvis	C64	294	171	123	2.07	0.99
Renal pelvis	C65	6	3	3	0.04	0.02

Ureter	C66	1	1	0	0.01	0.00
Bladder	C67	807	639	168	5.68	2.72
Urinary organs, other	C68	1	1	0	0.01	0.00
Eye & adnexa	C69	52	32	20	0.37	0.18
Meninges	C70	48	14	34	0.34	0.16
Brain	C71	594	344	250	4.18	2.00
Nervous system, other	C72	66	35	31	0.46	0.22
Thyroid gland	C73	184	52	132	1.29	0.62
Adrenal gland	C74	30	15	15	0.21	0.10
Endocrine glands, other	C75	20	10	10	0.14	0.07
Unspecified sites	C76	95	54	41	0.67	0.32
Lymph Nodes ¹	C77	58	37	21	0.41	0.20
Unknown primary site	C80	702	391	311	4.94	2.37
Hodgkin's disease 2		416	244	172	2.93	1.40
Non-Hodgkin's Lymphoma 3		781	468	313	5.49	2.63
Plasmacytoma		10	5	5	0.07	0.03
Multiple myeloma		67	43	24	0.47	0.23
Leukaemias 4		1226	677	549	8.63	4.13
Miscellaneous Myeloprolif.		11	5	6	0.08	0.04
Myelodysplastic Syndrome		3	0	3	0.02	0.01
Total		14213	6656	7557	100.00	47.88

(1) Malignant Tumors included here are those other than Hodgkin's disease and NHL.

(2) All Hodgkin's cases included under this category.

(3) All NHL cases, Nodal & Extra nodal.

(4) Includes All categories of Leukemia; ALL, CLL, AML, CML, & Non – Specified Leukemia's

**The Commonest Ten Cancers
In The Iraqi Provinces
&
Districts**



A map of Iraq is shown in a light green color. The capital city, Baghdad, is highlighted in a darker green. The text "Baghdad" and the number "3607" are printed in black over the highlighted area.

Baghdad
3607

Table (8)

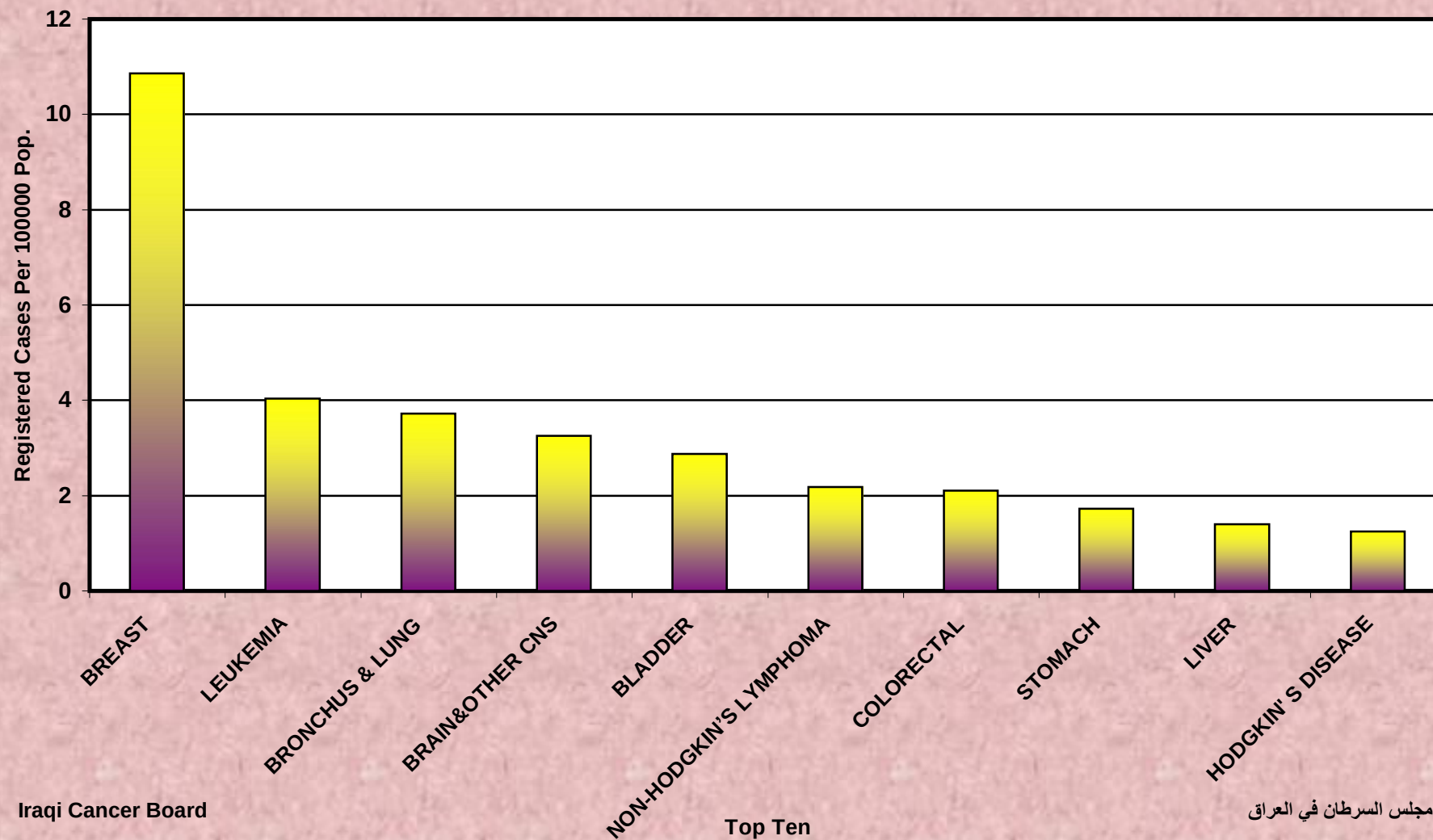
**The Commonest Ten Cancers in *Baghdad*.
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	776	21.51	10.86
2- LEUKEMIA	289	8.01	4.04
3- BRONCHUS & LUNG	266	7.37	3.72
4- BRAIN&OTHER CNS	233	6.46	3.26
5- BLADDER	205	5.68	2.87
6- NON-HODGKIN'S LYMPHOMA	156	4.32	2.18
7-COLORECTAL	151	4.19	2.11
8- STOMACH	123	3.41	1.72
9- LIVER	100	2.77	1.40
10- HODGKIN'S DISEASE	89	2.47	1.25
TOTAL TEN	2388	66.20	33.42
ALL SITES	3607	100	50.4

Estimated Population Of Baghdad in 2007:(7145470)

Figure (5)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Baghdad



Table(9)
The Commonest Ten Cancer in Baghdad Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	RISSAFFA		AL ADHAMYIA		AL-SADER		AL KARKH		AL KADHIMYIAH		AL MAHMOODYIA		ABU GRAIB		AL MADAIN		AL TARMIA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	264	34.02	120	15.46	104	13.40	153	19.72	91	11.73	16	2.06	7	0.90	19	2.45	2	0.26	776	100.00
Leukemia	69	23.88	30	10.38	0	0.00	68	23.53	40	13.84	16	5.54	7	2.42	9	3.11	50	17.30	289	100.00
Bronchus & lung	68	25.56	31	11.65	29	10.90	76	28.57	37	13.91	7	2.63	9	3.38	7	2.63	2	0.75	266	100.00
Brain & Other CNS	67	28.76	26	11.16	52	22.32	41	17.60	29	12.45	5	2.15	2	0.86	11	4.72	0	0.00	233	100.00
Bladder	48	23.41	18	8.78	52	25.37	46	22.44	12	5.85	13	6.34	3	1.46	13	6.34	0	0.00	205	100.00
Non- Hodgkin's Lymphoma	37	23.72	23	14.74	25	16.03	40	25.64	22	14.10	1	0.64	1	0.64	7	4.49	0	0.00	156	100.00
Colorectal	47	31.13	18	11.92	25	16.56	43	28.48	9	5.96	3	1.99	2	1.32	3	1.99	1	0.66	151	100.00
Stomach	39	31.71	13	10.57	20	16.26	23	18.70	16	13.01	7	5.69	3	2.44	2	1.63	0	0.00	123	100.00
Liver	32	32.00	17	17.00	9	9.00	18	18.00	13	13.00	8	8.00	1	1.00	1	1.00	1	1.00	100	100.00
Hodgkin's Disease	29	32.58	16	17.98	12	13.48	14	15.73	12	13.48	1	1.12	3	3.37	2	2.25	0	0.00	89	100.00
Total	700	29.31	312	13.07	328	13.74	522	21.86	281	11.77	77	3.22	38	1.59	74	3.10	56	2.35	2388	100.00



Table (10)

**The Commonest Ten Cancers in *Nineveh*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	183	18.01	6.51
2-BRONCHUS	114	11.22	4.06
3- LEUKEMIA	89	8.76	3.17
4- NON-HODGKIN'S LYMPHOMA	70	6.89	2.49
5-BRAIN	53	5.22	1.89
6- COLORECTAL	43	4.23	1.53
7-BLADDER	43	4.23	1.53
8- SKIN	38	3.74	1.35
9-HODGKIN'S DISEASE	35	3.44	1.25
10-Larynx	23	2.26	0.82
TOTAL TEN	691	68.01	24.58
ALL site	1016	100	36.14

Estimated Population Of *Nineveh* in 2007(2811091)

Figure (6)

The Commonest Ten Cancers By Registered Cases per 100000Population in Nineveh

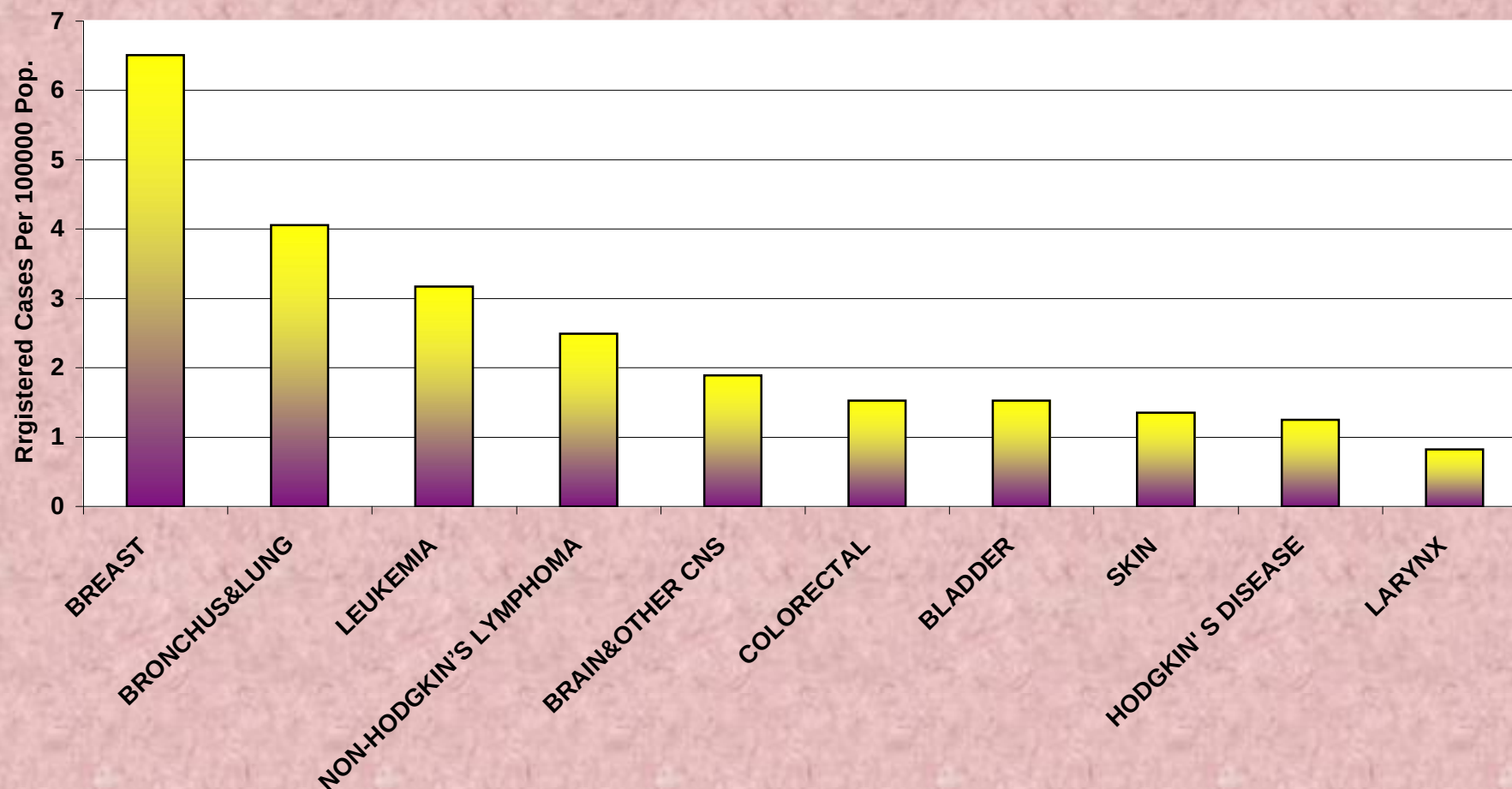


Table (11)
The Commonest Ten Cancer in Nineveh Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AI MOSUL		AL-HAMDANYIA		TELKEIF		SINJAR		TEL AFFAR		AL SHIKHAN		AL HATHRA		AQRAA		AL BAAJ		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	137	74.86	10	5.46	10	5.46	7	3.83	11	6.01	0	0.00	2	1.09	4	2.19	2	1.09	183	100.00
Bronchus & lung	85	74.56	7	6.14	1	0.88	3	2.63	8	7.02	0	0.00	3	2.63	2	1.75	5	4.39	114	100.00
Leukemia	62	69.66	4	4.49	2	2.25	7	7.87	10	11.24	0	0.00	1	1.12	3	3.37	0	0.00	89	100.00
Non- Hodgkin's Lymphoma	53	75.71	5	7.14	1	1.43	3	4.29	4	5.71	0	0.00	0	0.00	2	2.86	2	2.86	70	100.00
Brain & Other CNS	43	81.13	3	5.66	1	1.89	1	1.89	2	3.77	2	3.77	0	0.00	1	1.89	0	0.00	53	100.00
Colorectal	30	69.77	5	11.63	0	0.00	2	4.65	2	4.65	0	0.00	1	2.33	2	4.65	1	2.33	43	100.00
Bladder	34	79.07	2	4.65	2	4.65	1	2.33	4	9.30	0	0.00	0	0.00	0	0.00	0	0.00	43	100.00
Skin	24	63.16	0	0.00	2	5.26	3	7.89	7	18.42	1	2.63	1	2.63	0	0.00	0	0.00	38	100.00
Hodgkin's Disease	22	62.86	1	2.86	0	0.00	4	11.43	4	11.43	1	2.86	1	2.86	2	5.71	0	0.00	35	100.00
Larynx	14	60.87	0	0.00	2	8.70	3	13.04	1	4.35	0	0.00	0	0.00	1	4.35	2	8.70	23	100.00
Total	504	72.94	37	5.35	21	3.04	34	4.92	53	7.67	4	0.58	9	1.30	17	2.46	12	1.74	691	100.00

A map of Iraq is shown in a light green color. In the northern-central part of the country, a smaller area is highlighted in a darker green. This highlighted area is labeled with the word "kirkuk" in a bold, black, sans-serif font.

kirkuk

598

Table (12)

**The Commonest Ten Cancers in *Kirkuk*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- BREAST	124	20.74	13.75
2- BRONCHUS&LUNG	79	13.21	8.76
3- LEUKEMIA	52	8.70	5.76
4- BRAIN&OTHER CNS	42	7.02	4.66
5- BLADDER	30	5.02	3.33
6- STOMACH	27	4.52	2.99
7- COLORECTAL	24	4.01	2.66
8- LIVER	21	3.51	2.33
9- PANCREAS	20	3.34	2.22
10 -NON-HODGKIN'S LYMPHOMA	18	3.01	2.00
TOTAL TEN	437	73.08	48.45
ALL SITES	598	100.00	66.29

Estimated Population Of *Kirkuk* in 2007(902019)

Figure (7)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Kirkuk

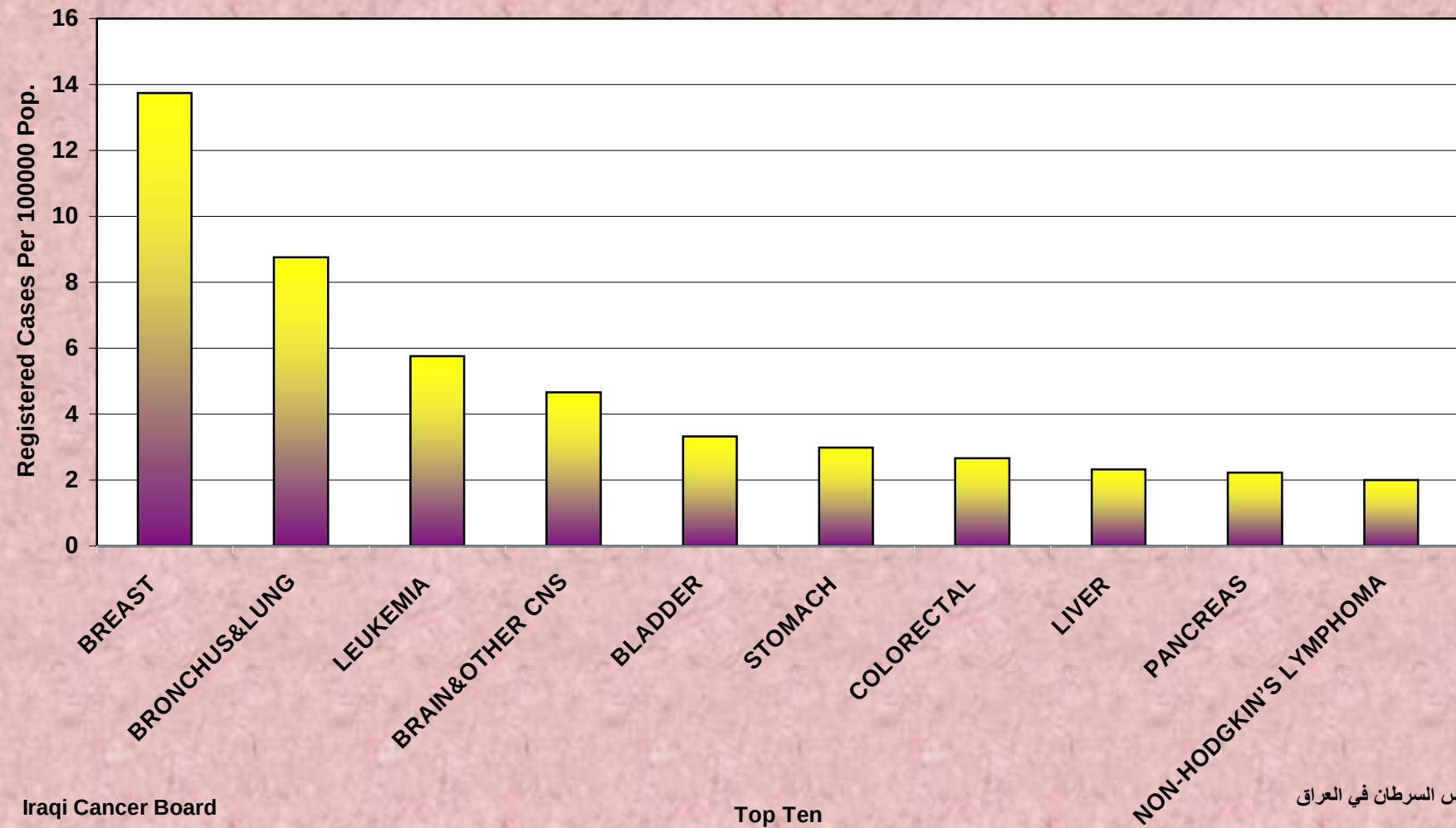


Table (13)

The Commonest Ten Cancer in Kirkuk Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	ALHAWIJA		DAKOOK		KARKUK		DIBIS		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	9	7.26	3	2.42	108	87.10	4	3.23	124	100.00
Bronchus & lung	7	8.86	2	2.53	70	88.61	0	0.00	79	100.00
Leukemia	6	11.54	3	5.77	43	82.69	0	0.00	52	100.00
Brain & Other CNS	4	9.52	0	0.00	38	90.48	0	0.00	42	100.00
Bladder	2	6.67	0	0.00	28	93.33	0	0.00	30	100.00
Stomach	1	3.70	0	0.00	26	96.30	0	0.00	27	100.00
Colorectal	3	12.50	0	0.00	21	87.50	0	0.00	24	100.00
Liver	0	0.00	0	0.00	20	95.24	1	4.76	21	100.00
Pancreas	0	0.00	0	0.00	19	95.00	1	5.00	20	100.00
Non- Hodgkin's Lymphoma	3	16.67	1	5.56	14	77.78	0	0.00	18	100.00
Total	35	8.01	9	2.06	387	88.56	6	1.37	437	100.00



Anbar

293

Table (14)

**The Commonest Ten Cancers in *Al-Anbar*.
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	60	20.48	4.04
2-LUKEMEIA	45	15.36	3.03
3- NON-HODGKIN'S LYMPHOMA	29	9.90	1.95
4-SKIN	13	4.44	0.87
5-BRONCHUS & LUNG	12	4.10	0.81
6-BRAIN	12	4.10	0.81
7- COLORECTAL	11	3.75	0.74
8- STOMACH	11	3.75	0.74
9- HODGKIN'S DISEASE	11	3.75	0.74
10-PROSTATE	7	2.39	0.47
TOTAL TEN	211	72.01	14.20
ALL SITES	293	100.00	19.71

Estimated Population Of *Al-Anbar* in 2007(1485985)

Figure (8)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Al-Anbar

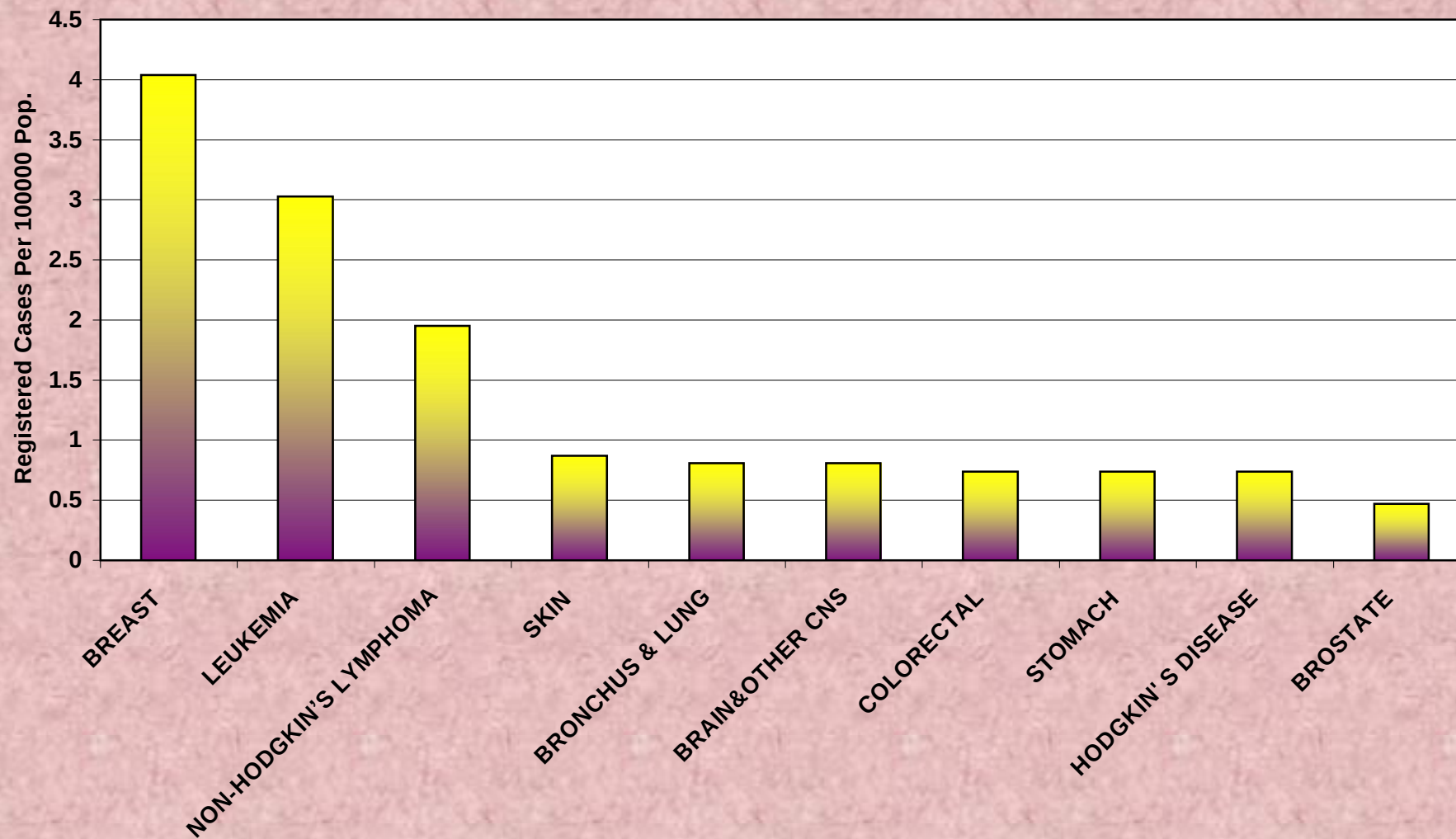


Table (15)
The Commonest Ten Cancer in AL-Anbar Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL RAMADI		HEET		AL FALOOJA		AANA		HADEETH A		AL RUTTBA		AL KAAIM		RAWA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	22	36.67	10	16.67	15	25.00	0	0.00	7	11.67	2	3.33	2	3.33	2	3.33	60	100.00
Leukemia	18	40.00	6	13.33	9	20.00	1	2.22	4	8.89	0	0.00	7	15.56	0	0.00	45	100.00
Non- Hodgkin 's Lymphoma	8	27.59	3	10.34	9	31.03	1	3.45	4	13.79	0	0.00	3	10.34	1	3.45	29	100.00
Skin	3	23.08	2	15.38	5	38.46	0	0.00	0	0.00	0	0.00	3	23.08	0	0.00	13	100.00
Bronchus & lung	6	50.00	3	25.00	2	16.67	1	8.33	0	0.00	0	0.00	0	0.00	0	0.00	12	100.00
Brain & Other CNS	2	16.67	4	33.33	2	16.67	0	0.00	3	25.00	0	0.00	1	8.33	0	0.00	12	100.00
Colorectal	5	45.45	3	27.27	1	9.09	0	0.00	0	0.00	0	0.00	2	18.18	0	0.00	11	100.00
Stomach	5	45.45	4	36.36	2	18.18	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
Hodgkin's Disease	2	20.00	2	20.00	1	10.00	0	0.00	2	20.00	0	0.00	3	30.00	0	0.00	10	100.00
Prostate	2	28.57	1	14.29	0	0.00	0	0.00	2	28.57	0	0.00	2	28.57	0	0.00	7	100.00
Total	73	34.76	38	18.10	46	21.90	3	1.43	22	10.48	2	0.95	23	10.95	3	1.43	210	100.00



Salah al-din

288

Table (16)

The Commonest Ten Cancers in *Salah-Alden*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- BREAST	51	17.71	4.28
2- LEUKEMIA	41	14.24	3.44
3- BRONCHUS & LUNG	29	10.07	2.43
4-NON-HODGKIN'S LYMPHOMA	23	7.99	1.93
5- BRAIN & OTHER CNS	18	6.25	1.51
6- BLADDER	16	5.56	1.34
7- HODGKIN'S DISEASE	13	4.51	1.09
8- COLORECTAL	11	3.82	0.92
9-SOFT TISSUES	7	2.43	0.59
10-OVARY	7	2.43	0.59
TOTAL TEN	216	75.00	18.13
ALL SITES	288	100.00	24.17

Estimated Population Of *Salah-Alden* in 2007(902019)

Figure (9)

The commonest Ten Cancers By Registered Cases Per 100000 Population in Salah-Aldin

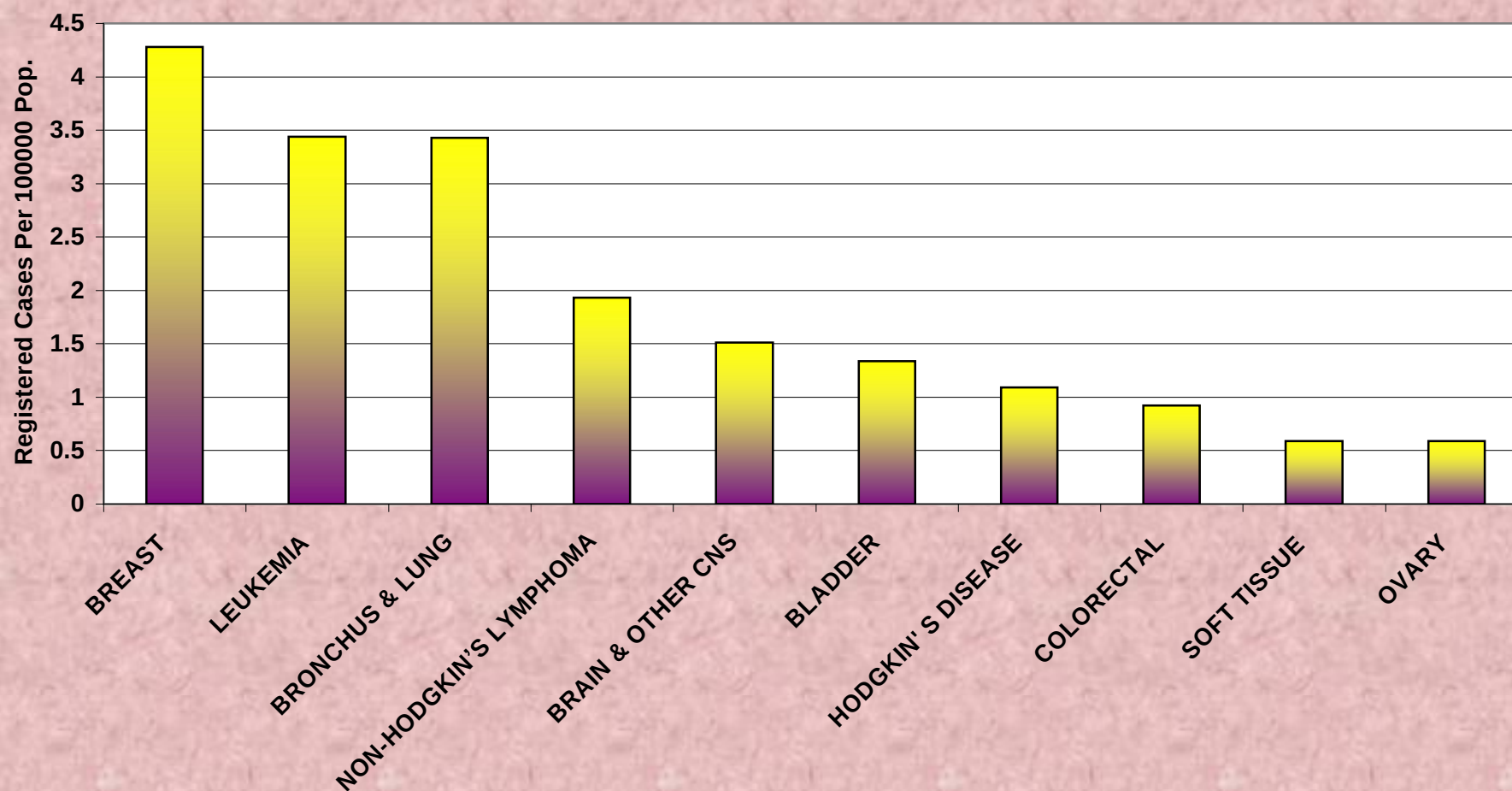


Table (17)

The Commonest Ten Cancer in Salah - Aldin Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	TIKRIT		DOOZ KHORMATOO		SAMMARA		BALAD		BEIGY		AL DOOR		AL SHIRKATT		AL FARIS		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	11	21.57	5	9.80	5	9.80	15	29.41	6	11.76	2	3.92	7	13.73	0	0.00	51	100.00
Leukemia	12	29.27	0	0.00	11	26.83	4	9.76	5	12.20	2	4.88	6	14.63	1	2.44	41	100.00
Bronchus & Lung	13	44.83	1	3.45	2	6.90	3	10.34	6	20.69	0	0.00	4	13.79	0	0.00	29	100.00
Non- Hodgkin's Lymphoma	11	47.83	1	4.35	2	8.70	4	17.39	0	0.00	4	17.39	1	4.35	0	0.00	23	100.00
Brain & Other CNS	6	33.33	2	11.11	0	0.00	2	11.11	0	0.00	0	0.00	7	38.89	1	5.56	18	100.00
Bladder	1	6.25	5	31.25	1	6.25	8	50.00	0	0.00	0	0.00	1	6.25	0	0.00	16	100.00
Hodgkin's Disease	6	46.15	3	23.08	1	7.69	3	23.08	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
Colorectal	4	36.36	2	18.18	0	0.00	2	18.18	1	9.09	0	0.00	2	18.18	0	0.00	11	100.00
Soft tissue	1	14.29	0	0.00	2	28.57	3	42.86	0	0.00	0	0.00	1	14.29	0	0.00	7	100.00
ovary	2	28.57	2	28.57	0	0.00	1	14.29	1	14.29	0	0.00	1	14.29	0	0.00	7	100.00
Total	67	31.02	21	9.72	24	11.11	45	20.83	19	8.80	8	3.70	30	13.89	2	0.93	216	1000.00

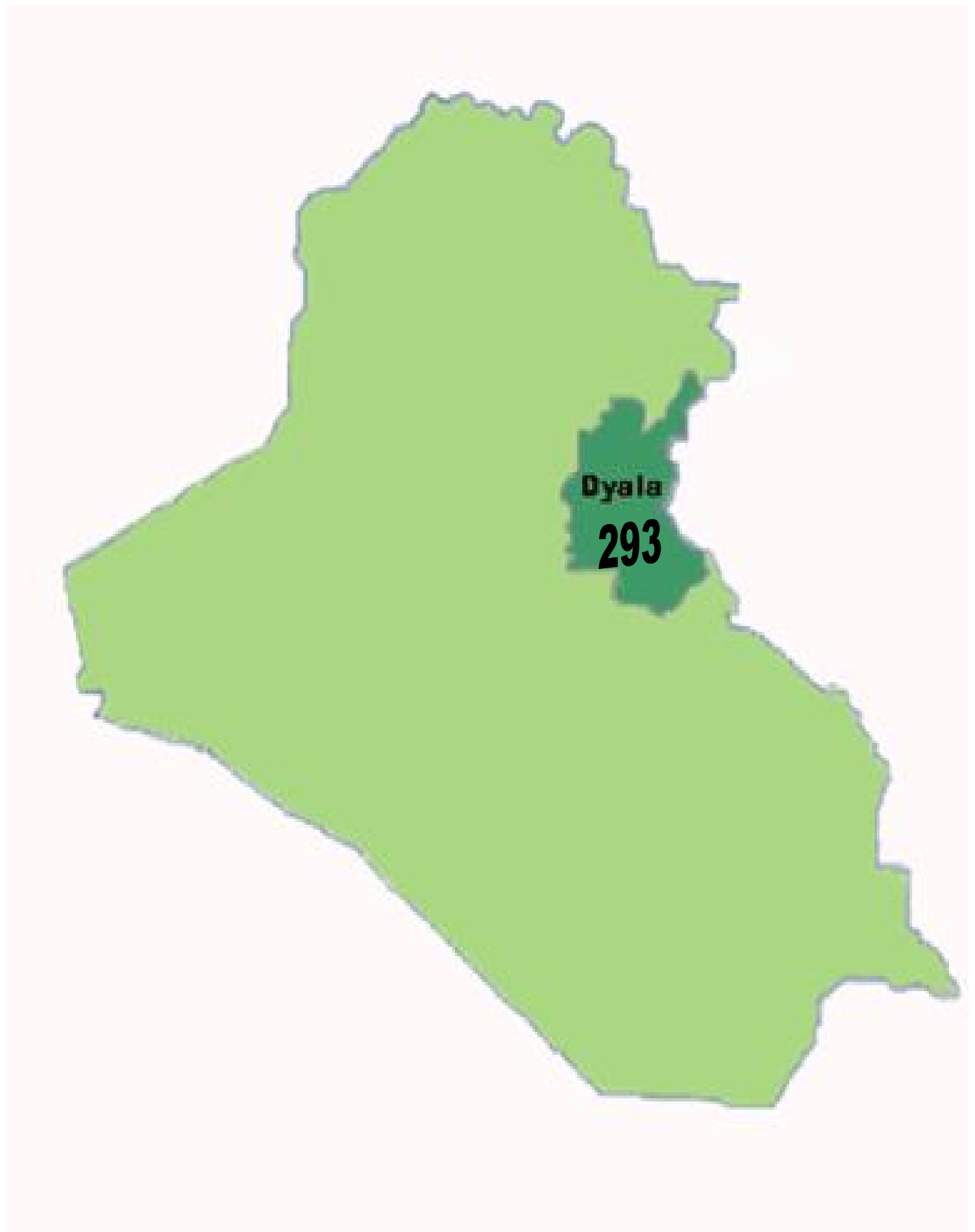


Table (18)
The Commonest Ten Cancers in *Dyala*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	48	16.38	3.08
2- LEUKEMIA	40	13.65	2.56
3-LYMPH NODES	23	7.85	1.47
4-BLOOD	21	7.17	1.35
5- NON-HODGKIN'S LYMPHOMA	19	6.48	1.22
6- BRAIN & OTHER CNS	13	4.44	0.83
7-BRONCHUS & LUNG	12	4.10	0.77
8-BLADDER	12	4.10	0.77
9- HODGKIN'S DISEASE	12	4.10	0.77
10-LARYNX	9	3.07	0.58
TOTAL TEN	209	71.33	13.39
ALL SITES	293	100.00	18.77

Estimated Population Of *Dyala* in 2007(1560621)

Figure (10)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Dyala

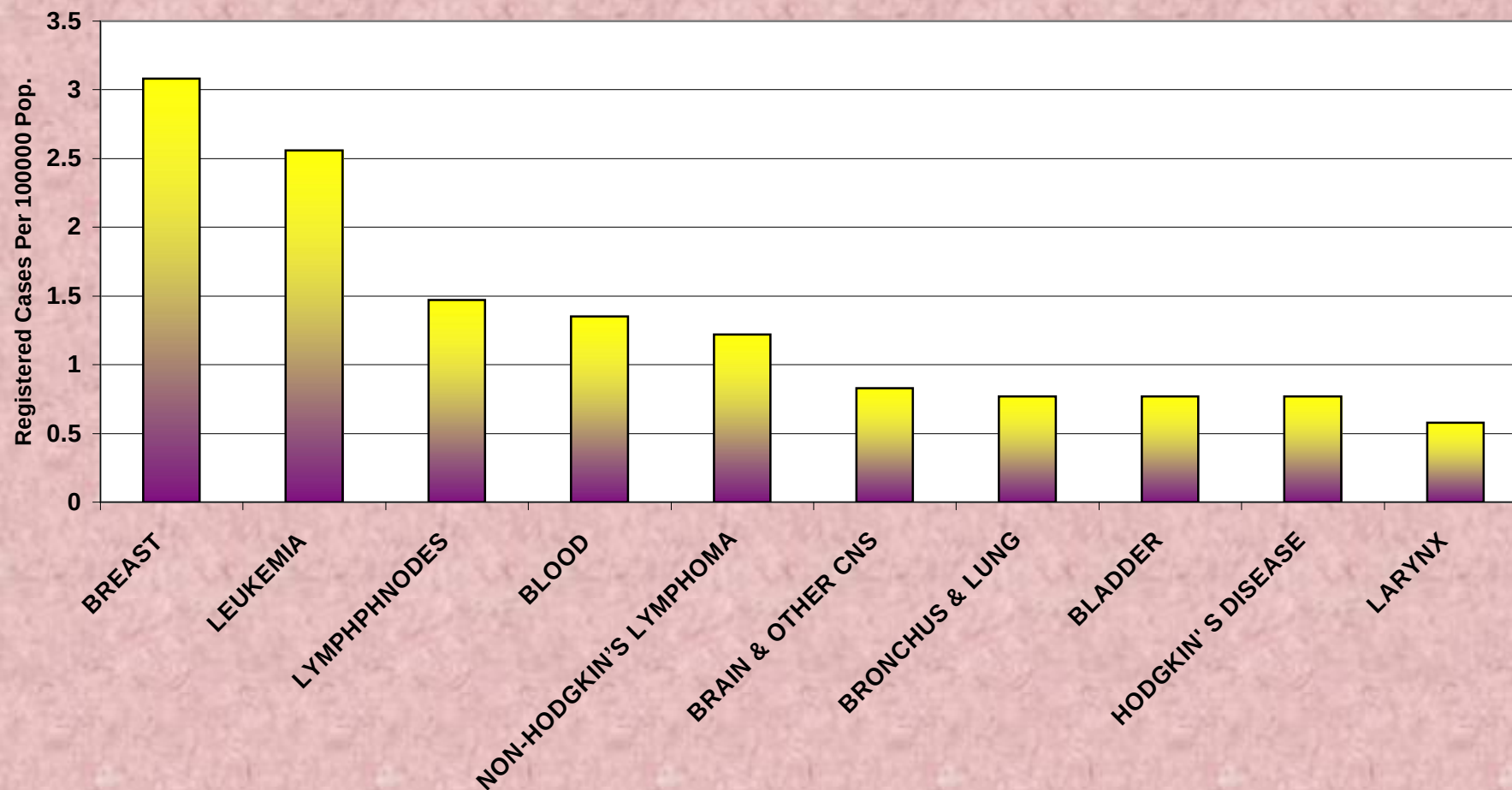


Table (19)

The Commonest Ten Cancer in Dyala Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	BAKOOBA		AL MUQDADIAH		AL KHALIS		BALADROOZE		KHANAKEEN		KIFFRI		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	25	52.08	3	6.25	8	16.67	3	6.25	8	16.67	1	2.08	48	100.00
Leukemia	17	42.50	1	2.50	8	20.00	4	10.00	6	15.00	4	10.00	40	100.00
Lymph Nodes	7	30.43	2	8.70	8	34.78	2	8.70	3	13.04	1	4.35	23	100.00
Blood	8	38.10	2	9.52	5	23.81	1	4.76	4	19.05	1	4.76	21	100.00
Non-Hodgkin's Lymphoma	9	47.37	5	26.32	2	10.53	0	0.00	2	10.53	1	5.26	19	100.00
Brain & Other CNS	6	46.15	1	7.69	2	15.38	1	7.69	1	7.69	2	15.38	13	100.00
Bronchus & lung	7	58.33	0	0.00	2	16.67	1	8.33	1	8.33	1	8.33	12	100.00
Bladder	2	16.67	2	16.67	4	33.33	1	8.33	2	16.67	1	8.33	12	100.00
Hodgkin's Disease	4	33.33	3	25.00	4	33.33	0	0.00	1	8.33	0	0.00	12	100.00
Larynx	3	33.33	1	11.11	0	0.00	2	22.22	2	22.22	1	11.11	9	100.00
Total	88	42.11	20	9.57	43	20.57	15	7.18	30	14.35	13	6.22	209	100.00

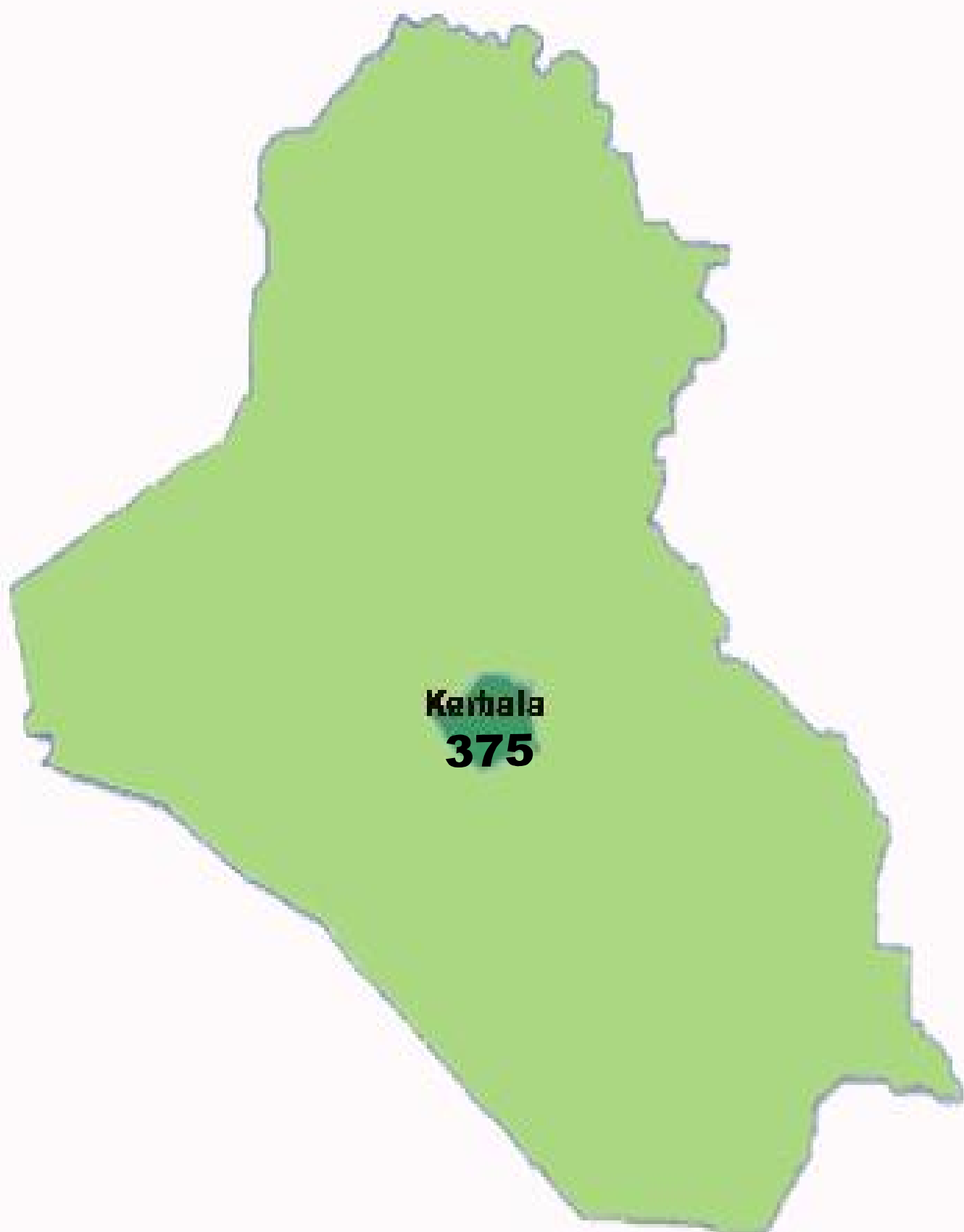


Table (20)

**The Commonest Ten Cancers in *Kerballa*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	80	21.33	9.01
2- BRONCHUS & LUNG	45	12	5.07
3- LEUKEMIA	34	9.07	3.83
4- BRAIN & OTHER CNS	23	6.13	2.59
5- NON-HODGKIN'S LYMPHOMA	23	6.13	2.59
6-BLADDER	17	4.53	1.91
7- PROSTATE	14	3.73	1.58
8- HODGKIN'S DISEASE	14	3.73	1.58
9- COLORECTAL	13	3.47	1.46
10- LARYNX	13	3.47	1.46
TOTAL TEN	276	73.6	31.09
ALL site	375	100	42.23

Estimated Population Of *Kerballa* in 2007(887859)

Figure (11)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Kerballa

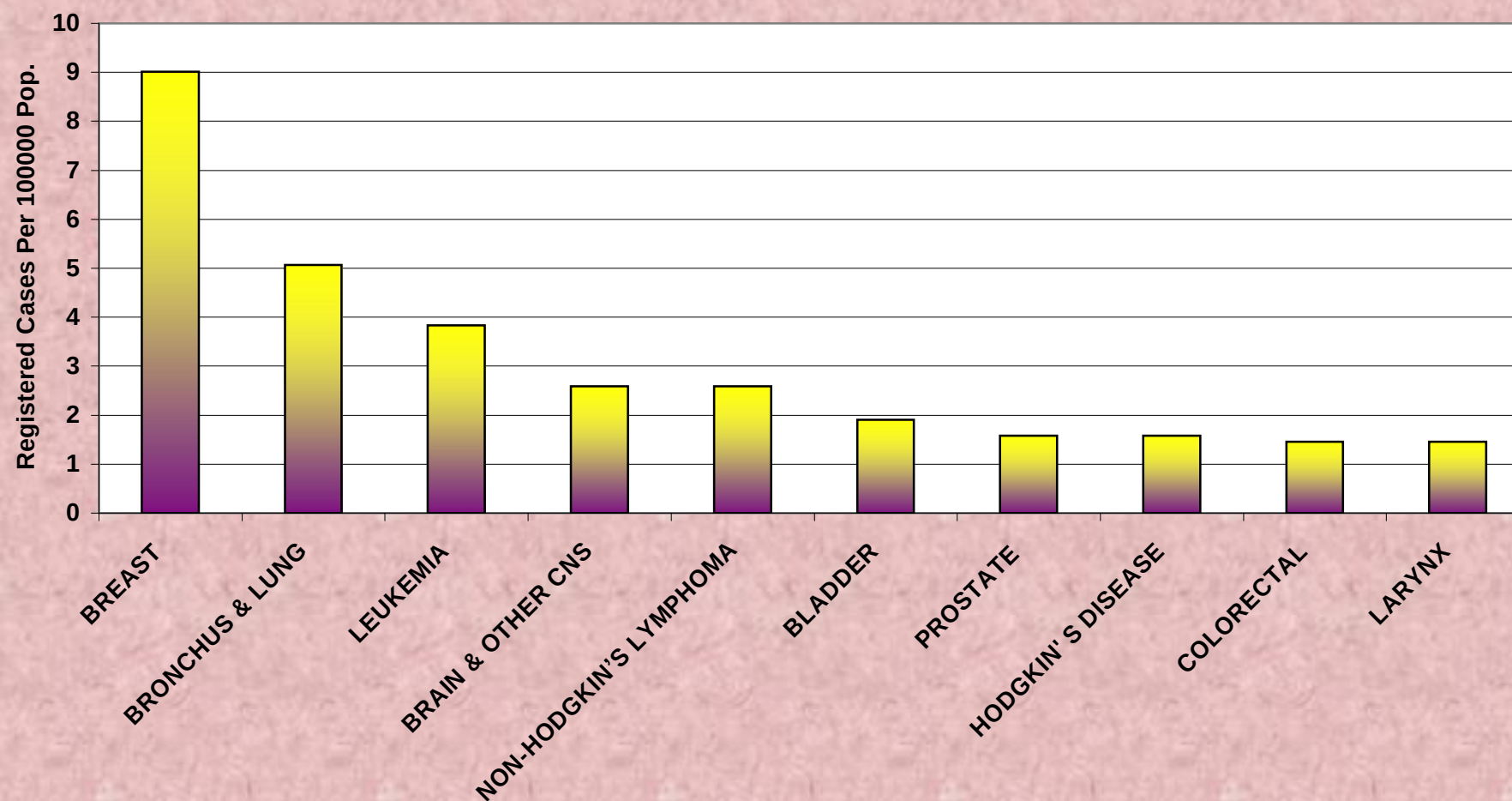


Table (21)

**The Commonest Ten Cancer in Kerbalaa Districts
Number of New Cases by Primary Site , Percentage of Total in 2007**

TOP TEN	KARBALLA		AIN TAMOUR		AL HINDIA		TOTAL	
	NO	%	NO	%	NO	%	NO	%
Breast	62	77.50	1	1.25	17	21.25	80	100
Bronchus & lung	27	60.00	2	4.44	16	35.56	45	100
Leukemia,	30	88.24	0	0.00	4	11.76	34	100
Brain & Other CNS	18	78.26	1	4.35	4	17.39	23	100
Non-Hodgkin's Lymphoma	21	91.30	0	0.00	2	8.70	23	100
Bladder	15	88.24	0	0.00	2	11.76	17	100
Prostate gland	10	71.43	0	0.00	4	28.57	14	100
Hodgkin's Disease	7	50.00	0	0.00	7	50.00	14	100
Colorectal	11	84.62	0	0.00	2	15.38	13	100
Larynx, NOS	10	76.92	0	0.00	3	23.08	13	100
Total	211	76.45	4	1.45	61	22.10	276	100



Table (22)

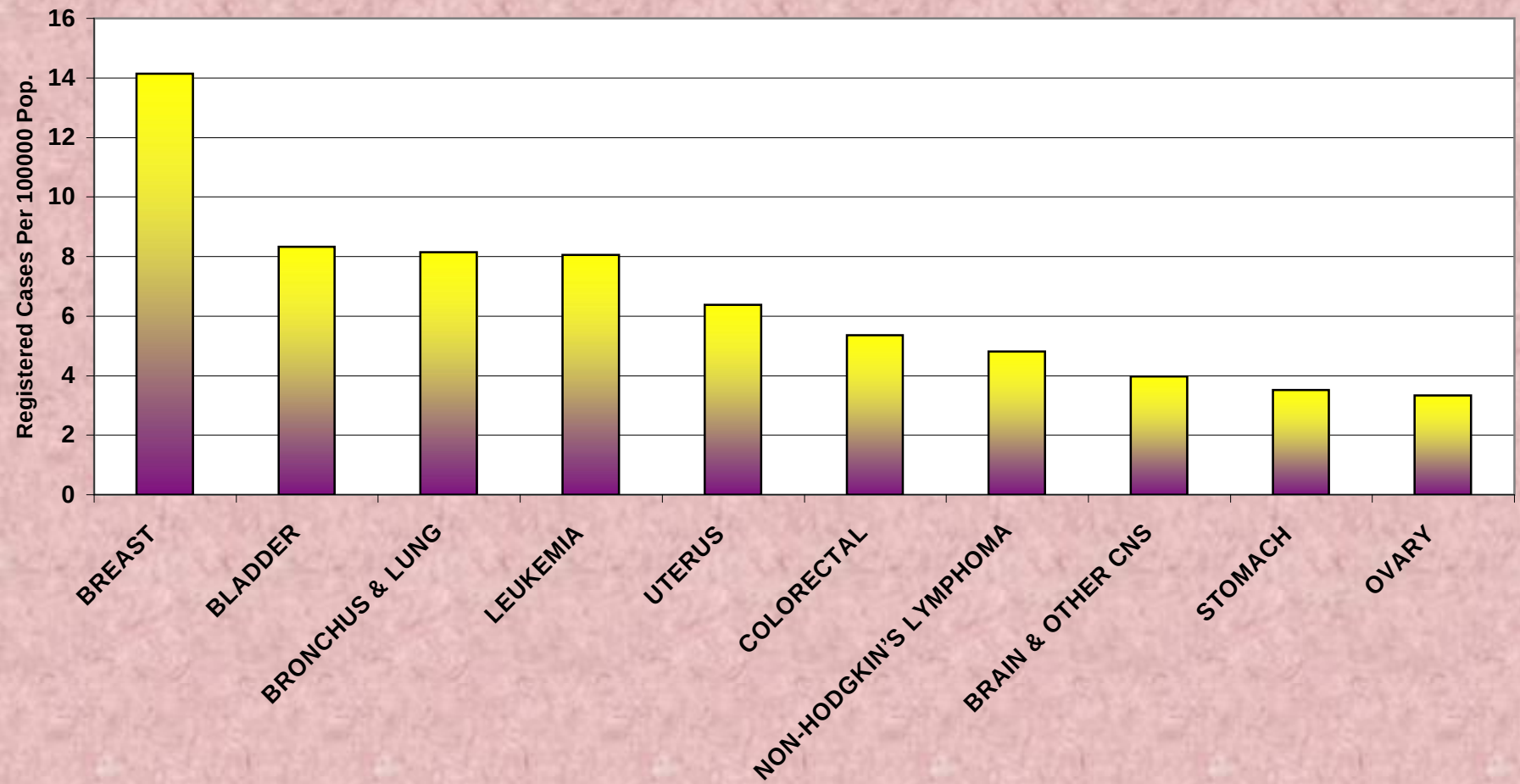
**The Commonest Ten Cancers in *Al- Najaf*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	153	13.7	14.15
2-BLADDER	90	8.06	8.32
3- BRONCHUS & LUNG	88	7.88	8.14
4- LEUKEMIA	87	7.79	8.05
5-UTERUS	69	6.18	6.38
6- COLORECTAL	58	5.19	5.36
7- NON-HODGKIN'S LYMPHOMA	52	4.66	4.81
8- BRAIN & OTHER CNS	43	3.85	3.98
9-STOMACH	38	3.4	3.51
10-OVARY	36	3.22	3.33
TOTAL TEN	714	63.92	66.04
ALL site	1117	100	103.31

Estimated Population Of *Al- Najaf* in 2007(1081203)

Figure (12)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Al - Najaf



Iraqi Cancer Board

Top Ten

مجلس السرطان في العراق

Table (23)

The Commonest Ten Cancer in AL- Najaf Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL NAJAF		AL KUFFA		AL MANATHRA		TOTAL	
	NO	%	NO	%	NO	%	NO	%
Breast	122	79.74	22	14.38	9	5.88	153	100.00
Bladder	69	76.67	5	5.56	16	17.78	90	100.00
Bronchus & lung	65	73.86	13	14.77	10	11.36	88	100.00
Leukemia,	62	71.26	14	16.09	11	12.64	87	100.00
Uterus	61	88.41	7	10.14	1	1.45	69	100.00
Colorectal	40	68.97	9	15.52	9	15.52	58	100.00
Non- Hodgkin's Lymphoma	41	78.85	6	11.54	5	9.62	52	100.00
Brain & Other CNS	34	79.07	5	11.63	4	9.30	43	100.00
Stomach	26	68.42	7	18.42	5	13.16	38	100.00
Ovary	29	80.56	5	13.89	2	5.56	36	100.00
TOTAL	549	76.89	93	13.03	72	10.08	714	100.00

Table (25)



Table (24)

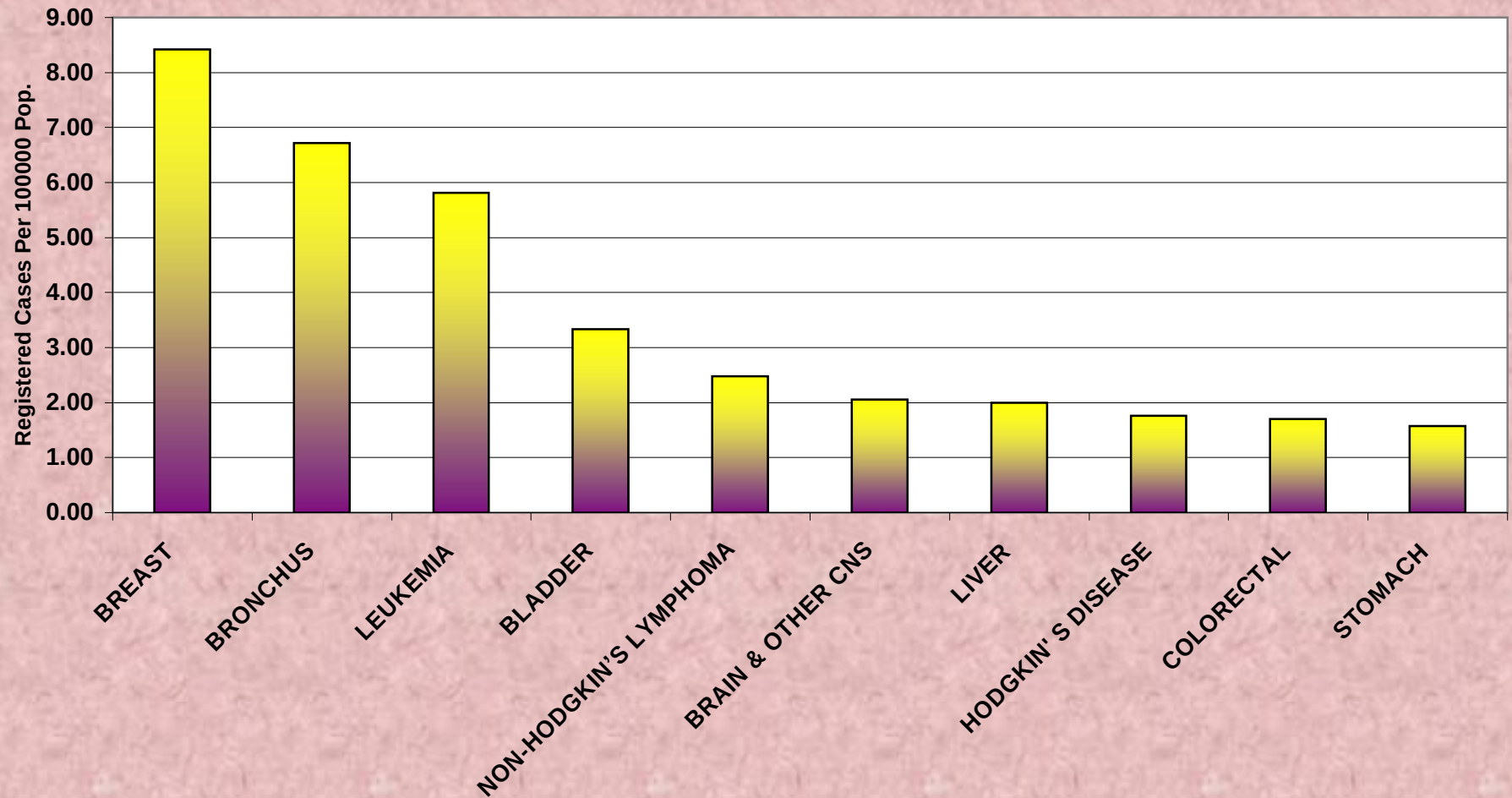
**The Commonest Ten Cancers in *Babil*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	139	15.08	8.42
2- BRONCHUS & LUNG	111	12.04	6.72
3- LUKEMEYEH	96	10.41	5.81
4-BLADDER	55	5.97	3.33
5- NON-HODGKIN'S LYMPHOMA	41	4.45	2.48
6- BRAIN & OTHER CNS	34	3.69	2.06
7-LIVER	33	3.58	2.00
8- HODGKIN'S DISEASE	29	3.15	1.76
9- COLORECTAL	28	3.04	1.70
10-STOMACH	26	2.82	1.57
TOTAL TEN	592	64.21	35.84
ALL site	922	100	55.82

Estimated Population Of *Babil* in 2007(1651565)

Figure (13)

The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Babil



The Commonest Ten Cancer in Babil Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL HILLA		AL MAHAWHEEL		AL HASHIMIAH		AL MISSAIAB		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	81	58.27	15	10.79	17	12.23	26	18.71	139	100.00
Bronchus & lung	52	46.85	19	17.12	24	21.62	16	14.41	111	100.00
Leukemia,	46	47.92	12	12.50	15	15.63	23	23.96	96	100.00
Bladder	33	60.00	7	12.73	9	16.36	6	10.91	55	100.00
Non-Hodgkin's Lymphoma	22	53.66	4	9.76	7	17.07	8	19.51	41	100.00
Brain & Other CNS	18	52.94	3	8.82	8	23.53	5	14.71	34	100.00
Liver	12	36.36	2	6.06	9	27.27	10	30.30	33	100.00
Hodgkin's Disease	19	65.52	3	10.34	6	20.69	1	3.45	29	100.00
Colorectal	22	78.57	2	7.14	2	7.14	2	7.14	28	100.00
Stomach	14	53.85	2	7.69	4	15.38	6	23.08	26	100.00
TOTAL	319	53.89	69	11.66	101	17.06	103	17.40	592	100.00

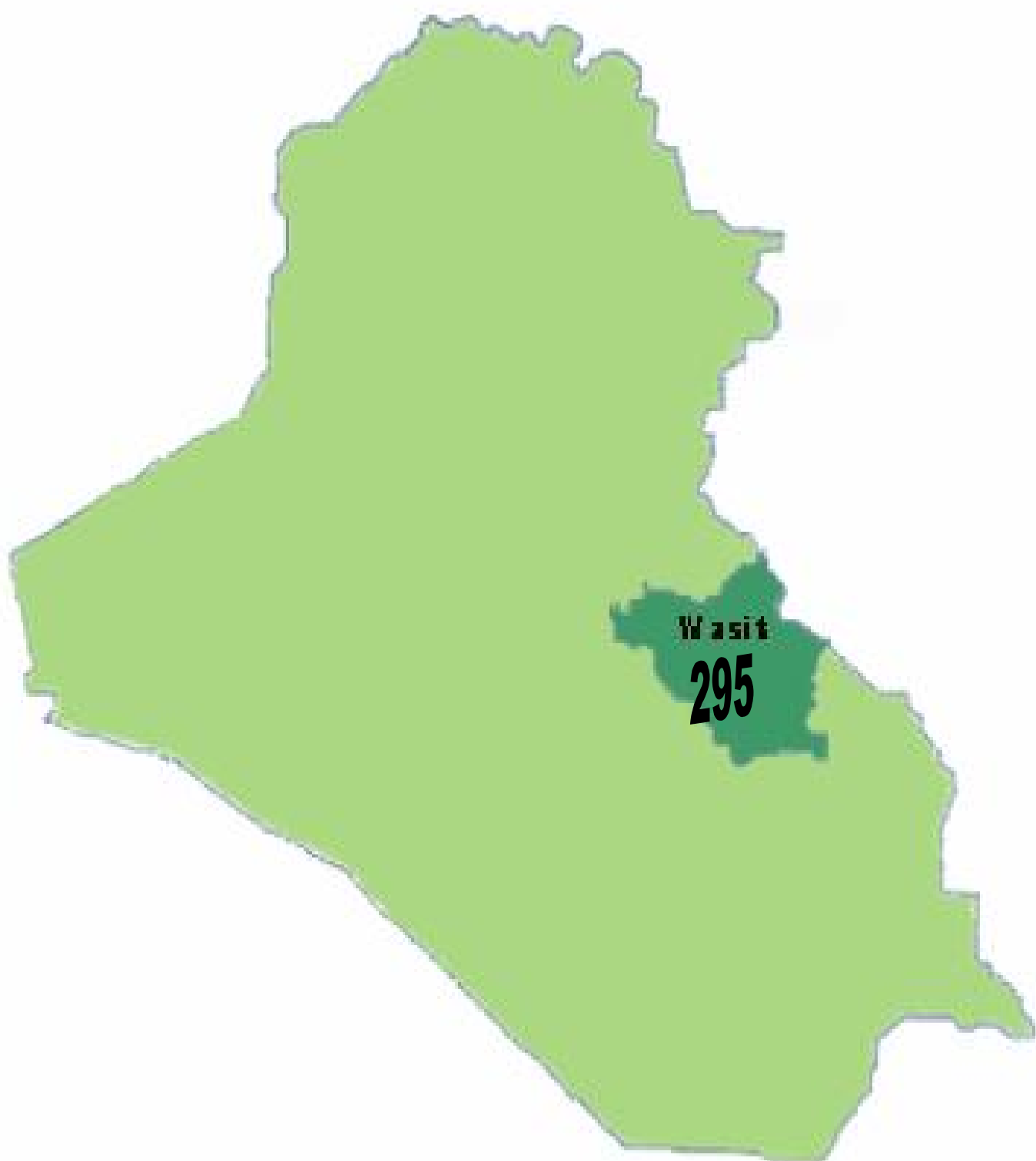


Table (26)

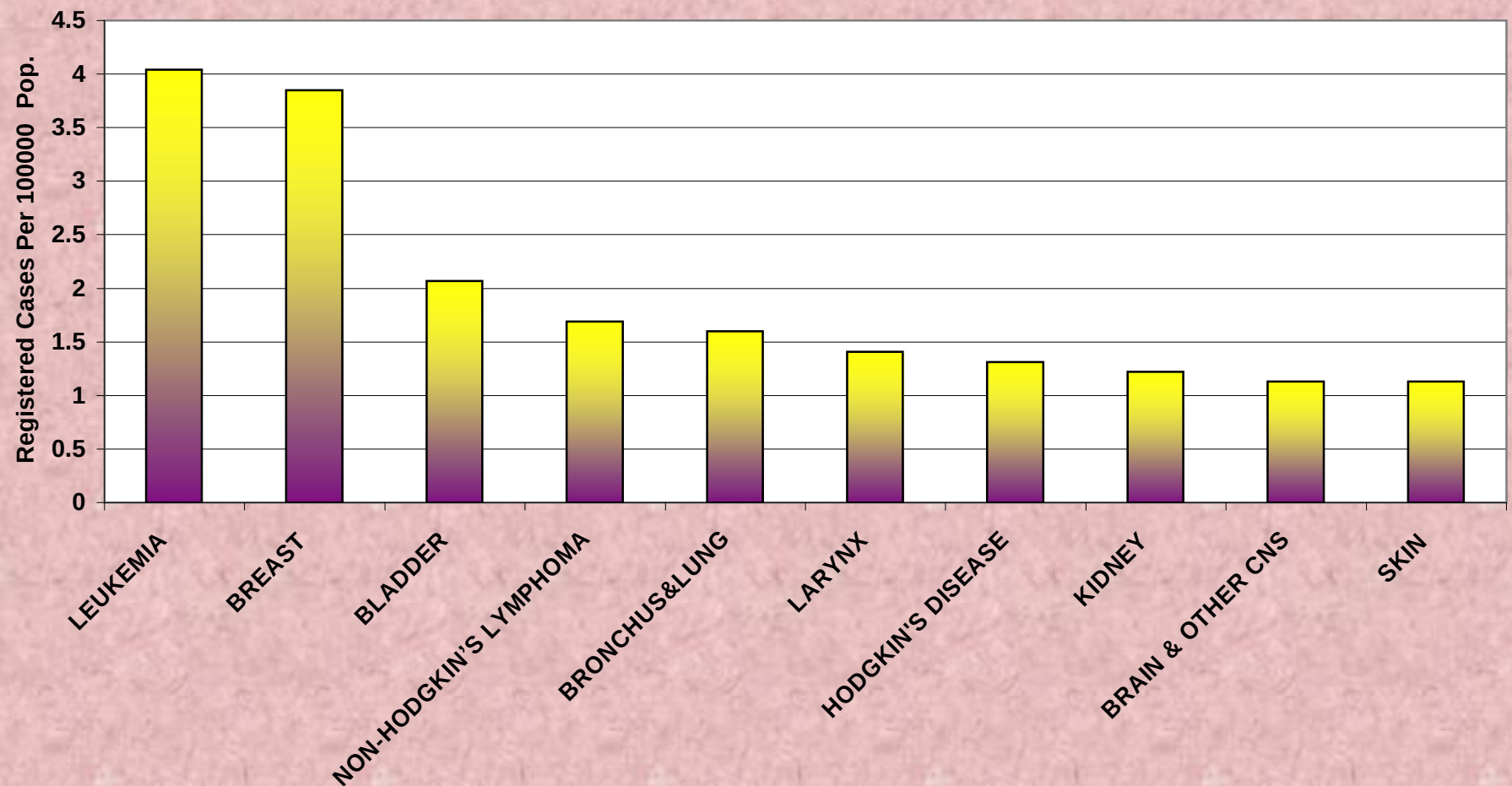
The Commonest Ten Cancers in Wasit
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- LUKEMEYEH	43	14.58	4.04
2-BREAST	41	13.90	3.85
3-BLADDER	22	7.46	2.07
4- NON-HODGKIN'S LYMPHOMA	19	6.44	1.78
5-BRONCHUS & LUNG	17	5.76	1.60
6- LARYNX	15	5.08	1.41
7- HODGKIN'S DISEASE	14	4.75	1.31
8-KIDNEY	13	4.41	1.22
9- BRAIN & OTHER CNS	12	4.07	1.13
10-SKIN	12	4.07	1.13
TOTAL TEN	196	66.44	18.40
ALL SITES	295	100.00	27.70

Estimated Population Of Wasit in 2007(1064950)

Figure (14)

The Commonst Ten Cancers By Registered Cases per 100000 Population
in Wasit



Iraqi Cancer Borad

Top Ten

مجلس السرطان في العراق

Table (27)

The Commonest Ten Cancer in Wasit Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL KUT		AL NUMANIAH		AL HAY		BADRA		AL SUARRAH		ALAZIZIYA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Leukemia	26	60.47	3	6.98	3	6.98	0	0.00	11	25.58	0	0.00	43	100.00
Breast	30	73.17	1	2.44	2	4.88	1	2.44	3	7.32	4	9.76	41	100.00
Bladder	12	54.55	1	4.55	2	9.09	0	0.00	5	22.73	2	9.09	22	100.00
Non- Hodgkin's Lymphoma	10	55.56	2	11.11	1	5.56	0	0.00	4	22.22	1	5.56	18	100.00
Bronchus & lung	7	41.18	2	11.76	2	11.76	0	0.00	4	23.53	2	11.76	17	100.00
Larynx	12	80.00	0	0.00	1	6.67	0	0.00	2	13.33	0	0.00	15	100.00
Hodgkin's Disease	8	57.14	1	7.14	1	7.14	0	0.00	3	21.43	1	7.14	14	100.00
Kidney	10	76.92	0	0.00	0	0.00	0	0.00	1	7.69	2	15.38	13	100.00
Brain & Other CNS	5	41.67	2	16.67	1	8.33	2	16.67	1	8.33	1	8.33	12	100.00
Skin	9	75.00	1	8.33	0	0.00	0	0.00	0	0.00	2	16.67	12	100.00
Total	129	62.32	13	6.28	13	6.28	3	1.45	34	16.43	15	7.25	207	100.00



Table (28)

The Commonest Ten Cancers in *Misan*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	44	13.97	5.34
2-BRONCHUS&LUNG	32	10.16	3.88
3- LEUKEMIA	25	7.94	3.03
4- NON-HODGKIN'S LYMPHOMA	22	6.98	2.67
5- BRAIN & OTHER CNS	19	6.03	2.31
6- STOMACH	15	4.76	1.82
7- LARYNX	14	4.44	1.70
8- BLADDER	14	4.44	1.70
9- THYROID	12	3.81	1.46
10- HODGKIN'S DISEASE	11	3.49	1.33
TOTAL TEN	208	66.03	25.24
ALL SITES	315	100	38.22

Estimated Population Of *Misan* in 2007(824147)

Figure (15)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Misan

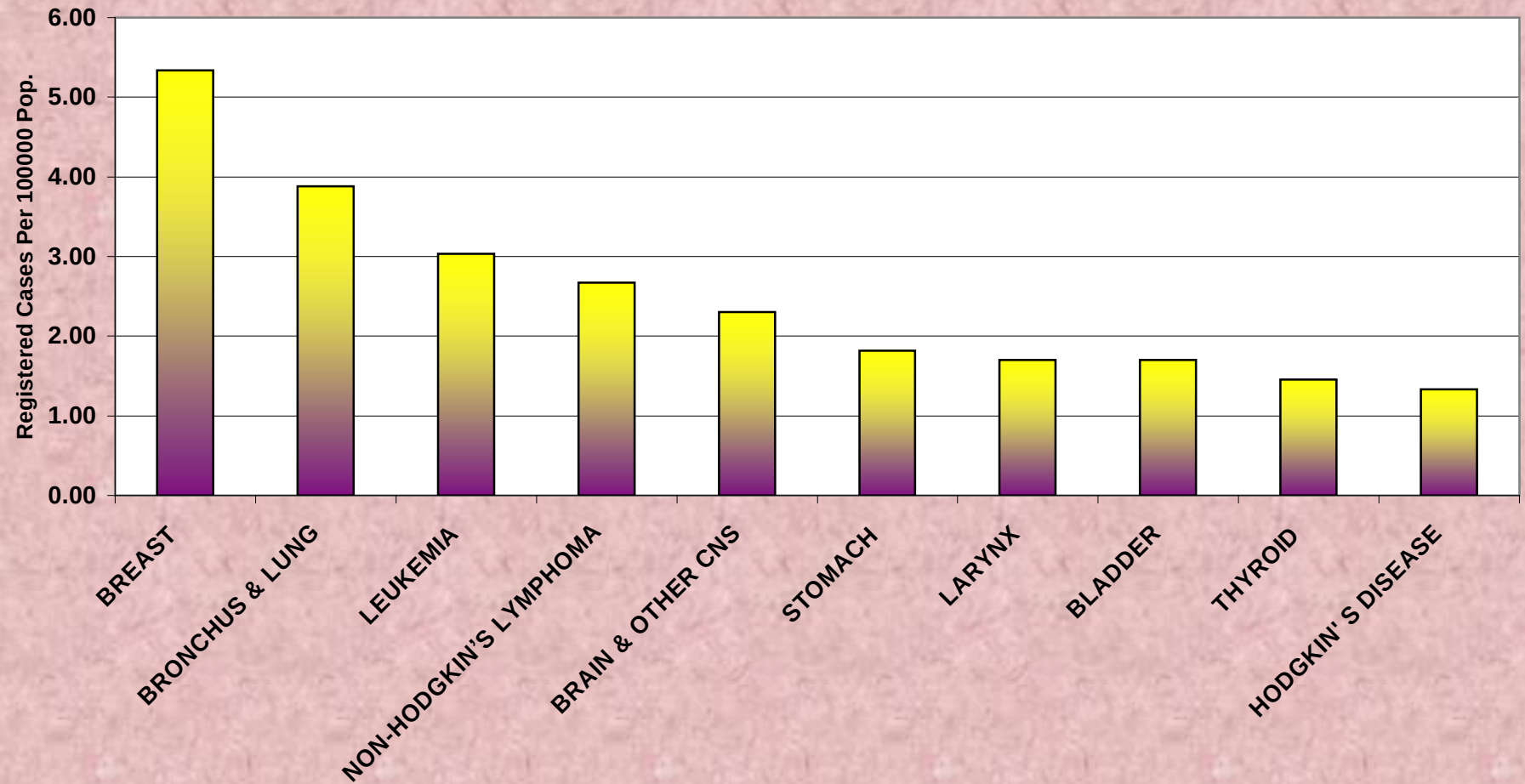


Table (29)

The Commonest Ten Cancer in Misan Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL AMMARHA		ALI ALGHARBI		AL MAYMOONA		QALAT SALIH		ALMAJAR AL KABEER		AL KAHLAA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	40	90.91	0	0.00	1	2.27	2	4.55	1	2.27	0	0.00	44	100.00
Bronchus & lung	25	78.13	0	0.00	2	6.25	2	6.25	2	6.25	1	3.13	32	100.00
Leukemia	21	84.00	1	4.00	1	4.00	1	4.00	1	4.00	0	0.00	25	100.00
Non-Hodgkin's Lymphoma	19	86.36	1	4.55	0	0.00	1	4.55	1	4.55	0	0.00	22	100.00
Brain & Other CNS	11	57.89	1	5.26	3	15.79	1	5.26	2	10.53	1	5.26	19	100.00
Stomach	14	93.33	0	0.00	0	0.00	0	0.00	0	0.00	1	6.67	15	100.00
Glottis	7	50.00	0	0.00	0	0.00	4	28.57	1	7.14	2	14.29	14	100.00
Bladder	7	50.00	1	7.14	1	7.14	1	7.14	2	14.29	2	14.29	14	100.00
Thyroid	8	66.67	2	16.67	0	0.00	0	0.00	2	16.67	0	0.00	12	100.00
Hodgkin's Disease	8	72.73	1	9.09	0	0.00	0	0.00	2	18.18	0	0.00	11	100.00
Total	160	76.92	7	3.37	8	3.85	12	5.77	14	6.73	7	3.37	208	100.00



Table (30)

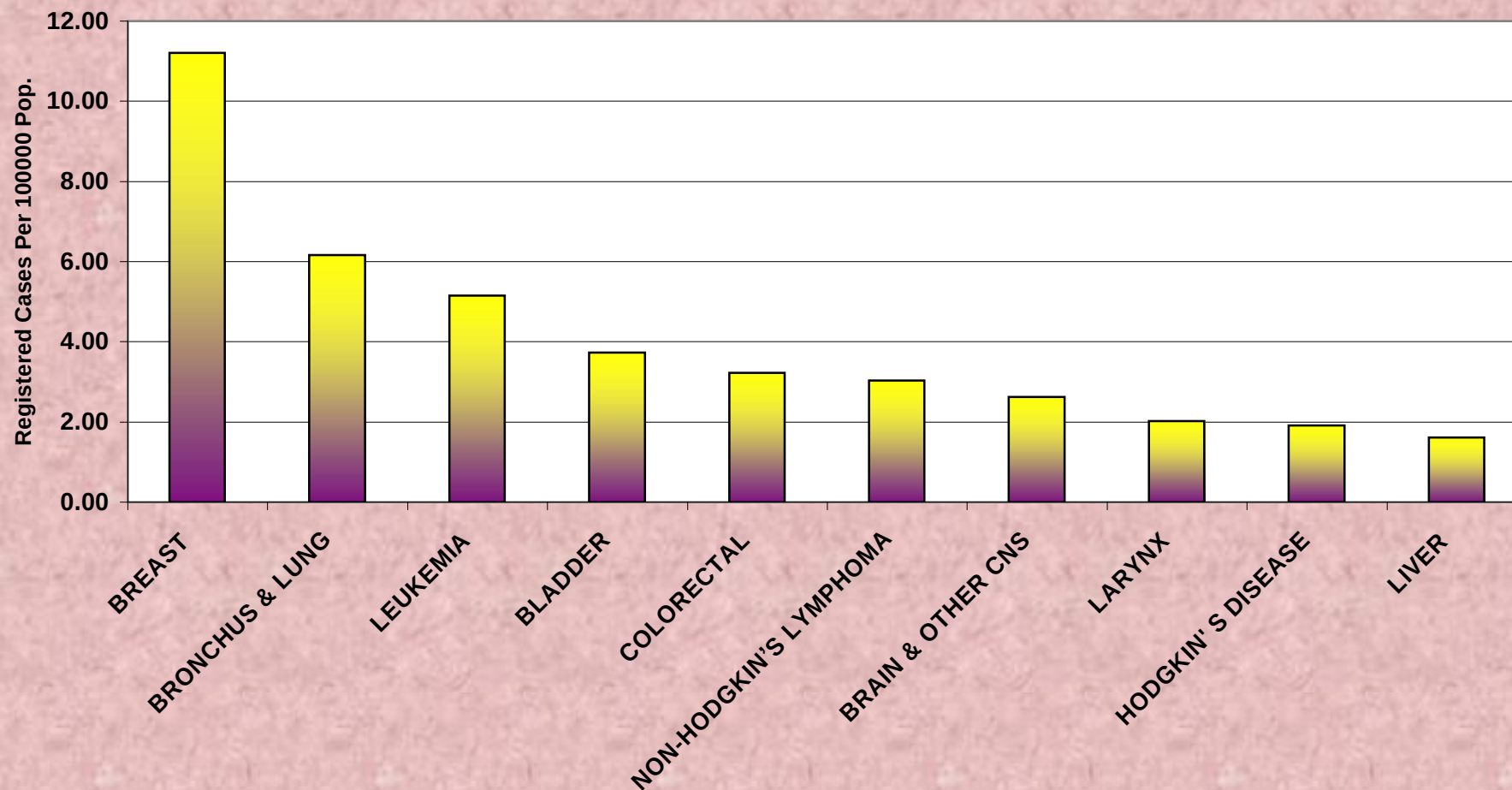
**The Commonest Ten Cancers in *Diwaniya*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	111	17.96	11.21
2-BRONCHUS&LUNG	61	9.87	6.16
3- LEUKEMIA	51	8.25	5.15
4-BLADDER	37	5.99	3.74
5- COLORECTAL	32	5.18	3.23
6- NON-HODGKIN'S LYMPHOMA	30	4.85	3.03
7- BRAIN & OTHER CNS	26	4.21	2.62
8-LARYNX	20	3.24	2.02
9- HODGKIN'S DISEASE	19	3.07	1.92
10- LIVER	16	2.59	1.62
TOTAL TEN	403	65.21	40.69
ALL SITES	618	100	62.39

Estimated Population Of *Diwaniya* in 2007 (990483)

Figure (16)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Diwaniya



Iraqi Cancer Board

Top Ten

مجلس السرطان في العراق

Table (31)

The Commonest Ten Cancer in AL-Diwanyia Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL DIWANYIA		AFFAK		AL SHAMIAH		AL HAMZA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	86	77.48	9	8.11	8	7.21	8	7.21	111	100
Bronchus & Lung	35	57.38	7	11.48	14	22.95	5	8.20	61	100
Leukemia	34	66.67	5	9.80	4	7.84	8	15.69	51	100
Bladder	22	59.46	6	16.22	6	16.22	3	8.11	37	100
Colorectal	29	90.63	1	3.13	2	6.25	0	0.00	32	100
Non-Hodgkin's Lymphoma	23	76.67	1	3.33	6	20.00	0	0.00	30	100
Brain & Other CNS	18	69.23	4	15.38	3	11.54	1	3.85	26	100
Larynx	15	75	2	10.00	3	15.00	0	0.00	20	100
Hodgkin's Disease	12	63.16	4	21.05	3	15.79	0	0.00	19	100
liver	7	43.75	3	18.75	5	31.25	1	6.25	16	100
Total	281	69.73	42	10.42	54	13.40	26	6.45	403	100



Table (32)

**The Commonest Ten Cancers in *Thi-Qar*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	97	16.96	6,00
2- BLADDER	67	11.71	4,15
3- LEUKEMIA	62	10.84	3,84
4- BRONCHUS&LUNG	42	7.34	2,60
5-NON-HODGKIN'S LYMPHOMA	34	5.94	2,10
6-BRAIN&OTHER CNS	33	5.77	2,04
7- COLORECTAL	20	3.50	1,24
8-LARYNX	19	3.32	1,18
9- THYROID	16	2.80	0,99
10-KIDNEY	14	2.45	0,87
TOTAL TEN	404	70.63	25,00
ALL SITES	572	100	35.39

Estimated Population Of *Thi-Qar* in 2007(1616226)

Figuer (17)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Thi - Qar

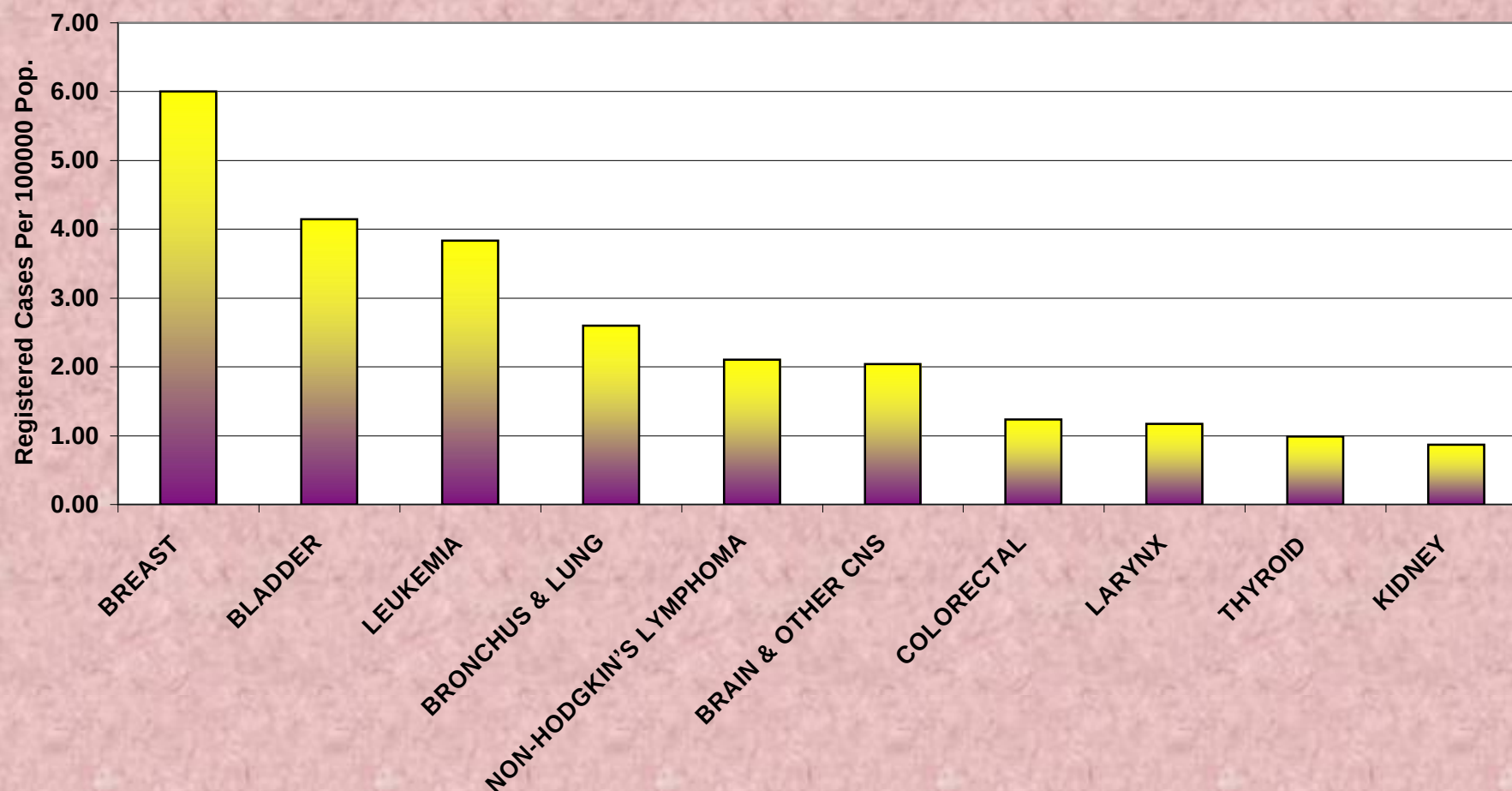
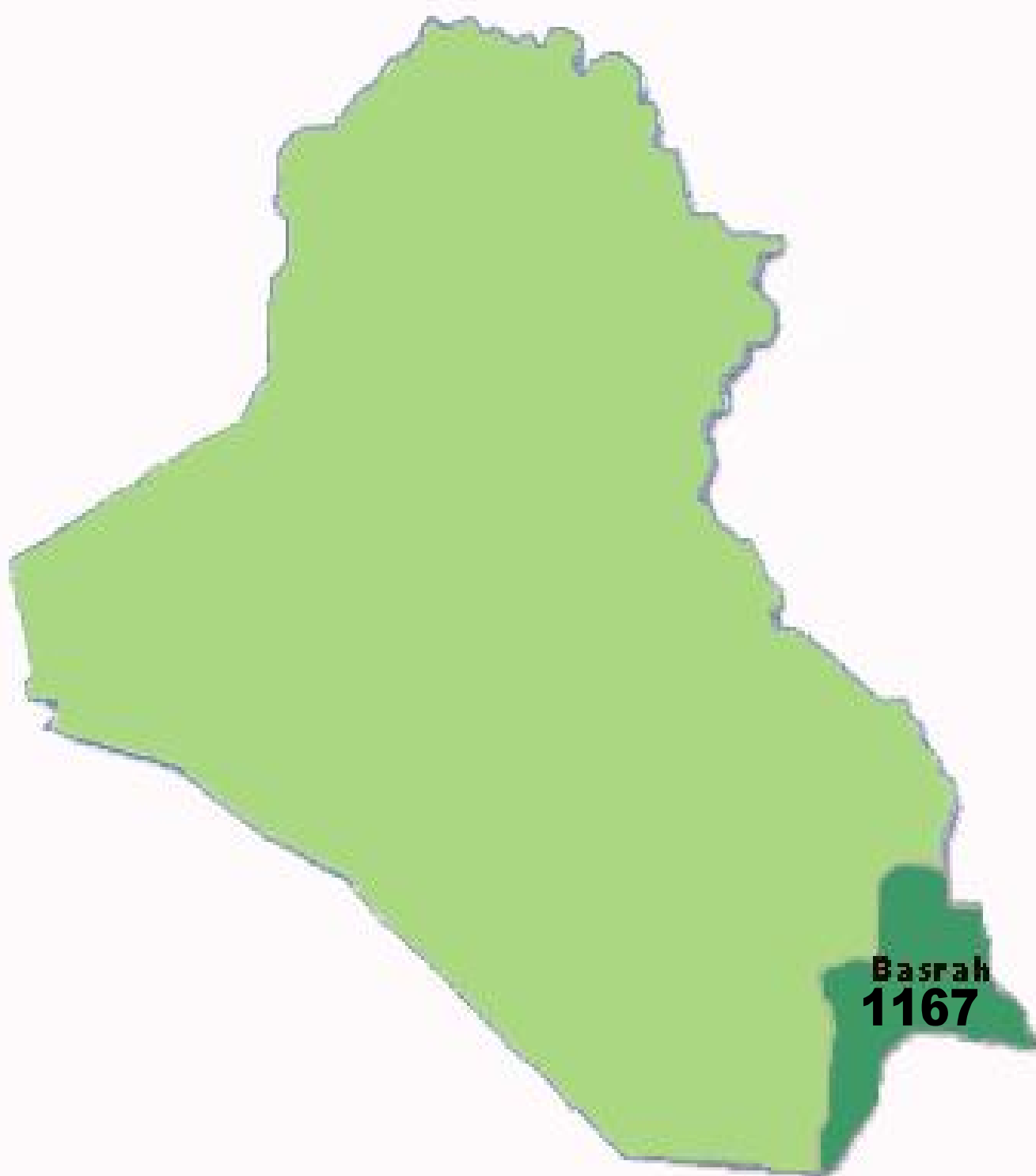


Table (33)

The Commonest Ten Cancer in Thi-Qar Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL NASSIRYIAH		AL RIFFAEY		SOOK AL SHIOOKH		AL JABAISH		AL SHATTRA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	58	59.79	12	12.37	10	10.31	3	3.09	14	14.43	97	100.00
Bladder	37	55.22	7	10.45	7	10.45	2	2.99	14	20.90	67	100.00
Leukemia	29	46.77	10	16.13	11	17.74	0	0.00	12	19.35	62	100.00
Bronchus & lung	28	66.67	4	9.52	4	9.52	0	0.00	6	14.29	42	100.00
Non-Hodgkin's Lymphoma	17	50.00	2	5.88	4	11.76	1	2.94	10	29.41	34	100.00
Brain & Other CNS	22	66.67	5	15.15	3	9.09	0	0.00	3	9.09	33	100.00
Colorectal	14	70.00	1	5.00	3	15.00	0	0.00	2	10.00	20	100.00
Larynx, NOS	11	57.89	4	21.05	3	15.79	0	0.00	1	5.26	19	100.00
Thyroid gland	9	56.25	2	12.50	2	12.50	1	6.25	2	12.50	16	100.00
Kidney, NOS	8	57.14	0	0.00	2	14.29	0	0.00	4	28.57	14	100.00
Total	233	57.67	47	11.63	49	12.13	7	1.73	68	16.83	404	100.00



Basrah
1167

Table (34)

**The Commonest Ten Cancers in *Al -Basreh*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- BREAST	230	19.71	12.03
2- BRONCHUS & LUNG	107	9.17	5.59
3- LEUKEMIA	106	9.08	5.54
4- NON-HODGKIN'S LYMPHOMA	72	6.17	3.76
5- BRAIN & OTHER CNS	69	5.91	3.61
6- BLADDER	62	5.31	3.24
7- STOMACH	47	4.03	2.46
8- COLORECTAL	43	3.68	2.25
9- HODGKIN'S DISEASE	40	3.43	2.09
10-SKIN	30	2.57	1.57
TOTAL TEN	806	69.07	42.14
ALL SITES	1167	100.00	61.01

Estimated Population Of *Al -Basreh* in 2007 (1912533)

Figure (18)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Al - Basrah

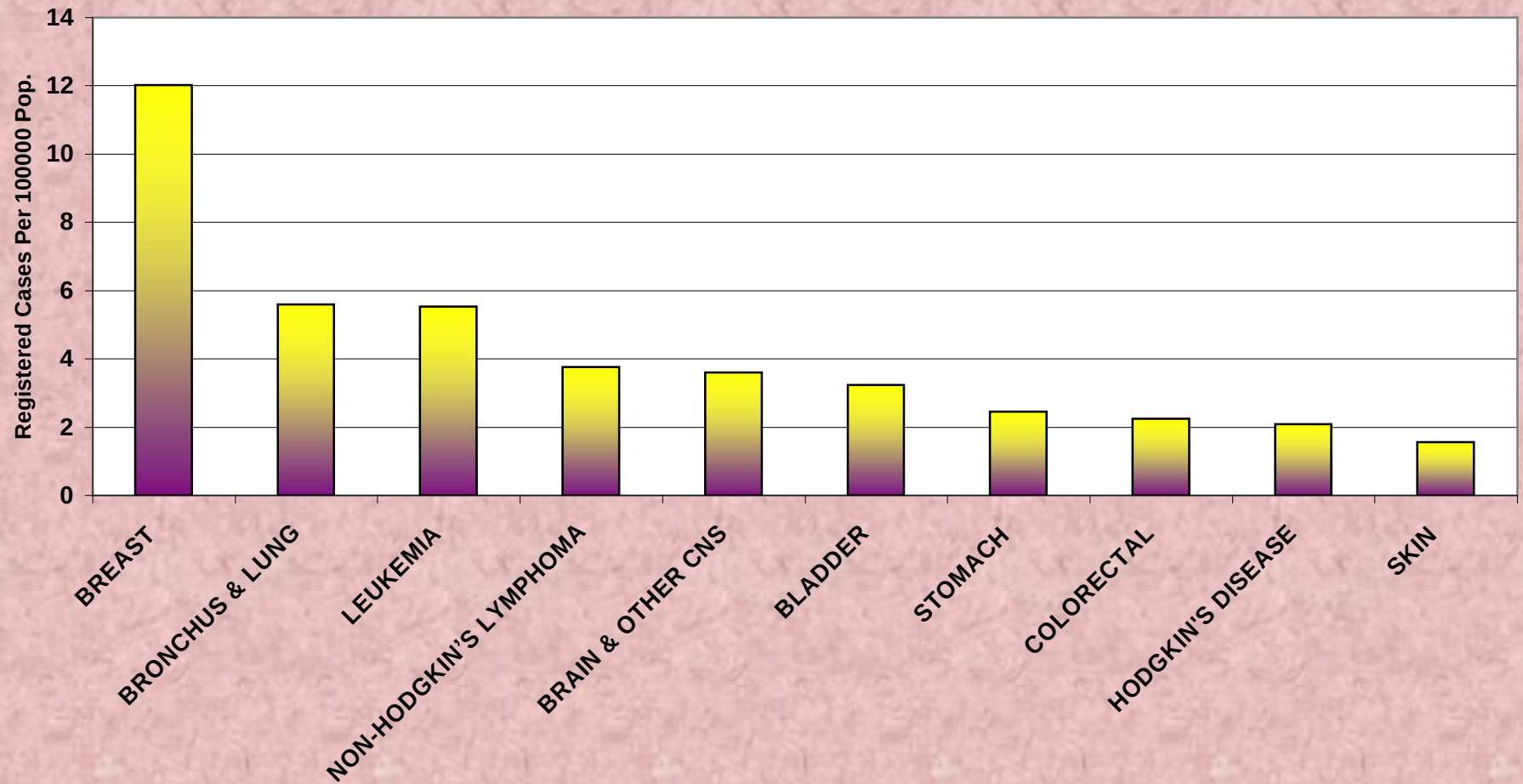
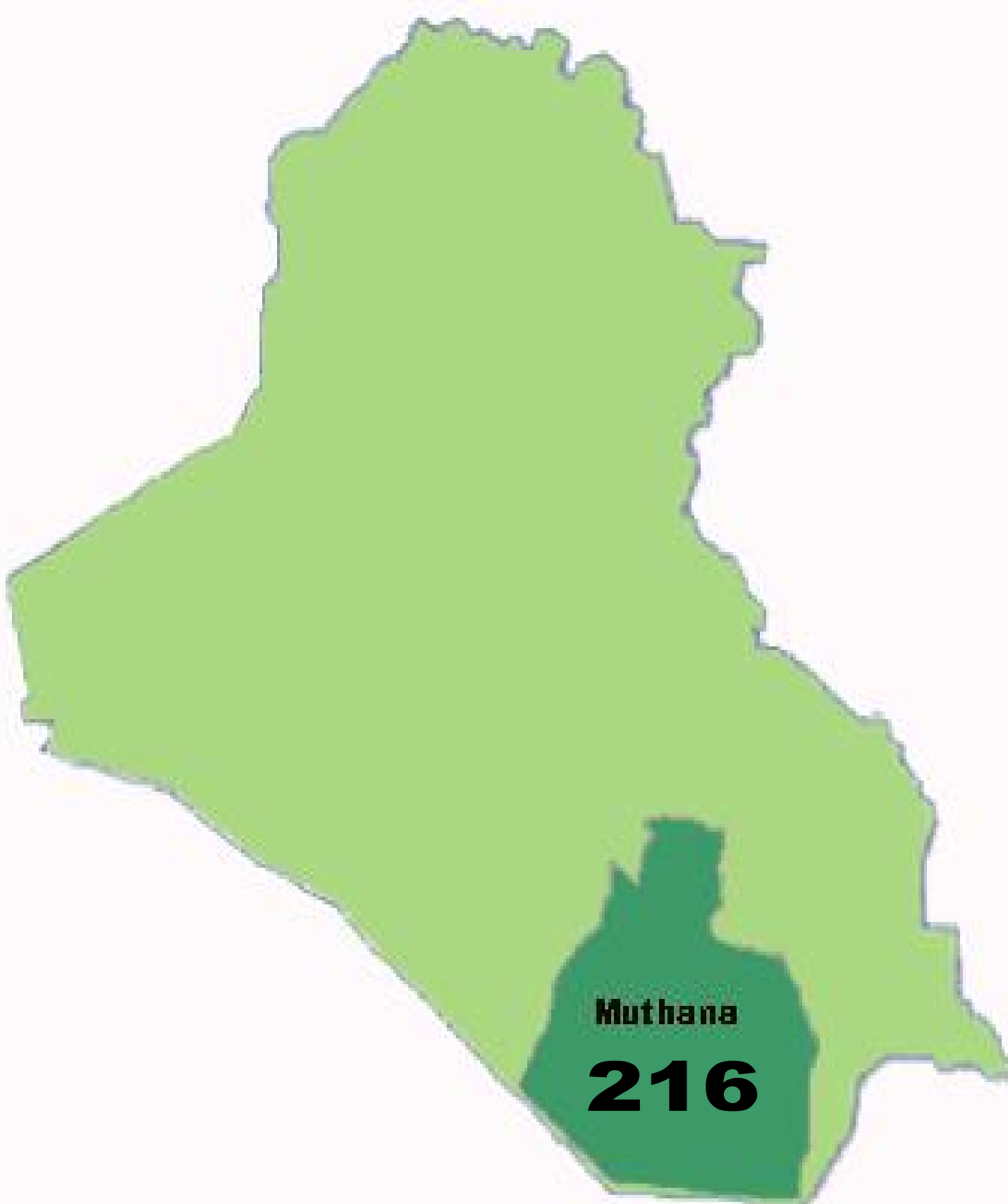


Table (35)

The Commonest Ten Cancer in Al- Basrah Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	BASRAH		ABU ALKHASSEB		AL ZUBAIR		AL QOORNA		AL- FAW		SHATT ALARAB		ALMDAINAH		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	164	71.30	6	2.61	29	12.61	16	6.96	2	0.87	10	4.35	3	1.30	230	100.00
Bronchus & lung	74	69.16	7	6.54	7	6.54	6	5.61	1	0.93	7	6.54	5	4.67	107	100.00
Leukemia	65	61.32	8	7.55	16	15.09	10	9.43	1	0.94	4	3.77	2	1.89	106	100.00
Non- Hodgkin's Lymphoma	41	56.94	5	6.94	9	12.50	10	13.89	0	0.00	3	4.17	4	5.56	72	100.00
Brain & Other CNS	36	52.17	6	8.70	12	17.39	5	7.25	0	0.00	3	4.35	7	10.14	69	100.00
Bladder	41	66.13	3	4.84	9	14.52	1	1.61	2	3.23	1	1.61	5	8.06	62	100.00
Stomach	29	61.70	6	12.77	7	14.89	2	4.26	0	0.00	1	2.13	2	4.26	47	100.00
Colorectal	29	67.44	1	2.33	4	9.30	6	13.95	0	0.00	2	4.65	1	2.33	43	100.00
Hodgkin's Disease	20	50.00	4	10.00	11	27.50	4	10.00	0	0.00	1	2.50	0	0.00	40	100.00
Skin	16	53.33	6	20.00	1	3.33	4	13.33	0	0.00	1	3.33	2	6.67	30	100.00
Total	515	63.90	52	6.45	105	13.03	64	7.94	6	0.74	33	4.09	31	3.85	806	100.00

A map of the Muthana district, which is a part of the larger region shown. The district is highlighted in a darker green color, while the surrounding area is a lighter green. The district is located in the southern part of the region.

Muthana

216

Table (36)

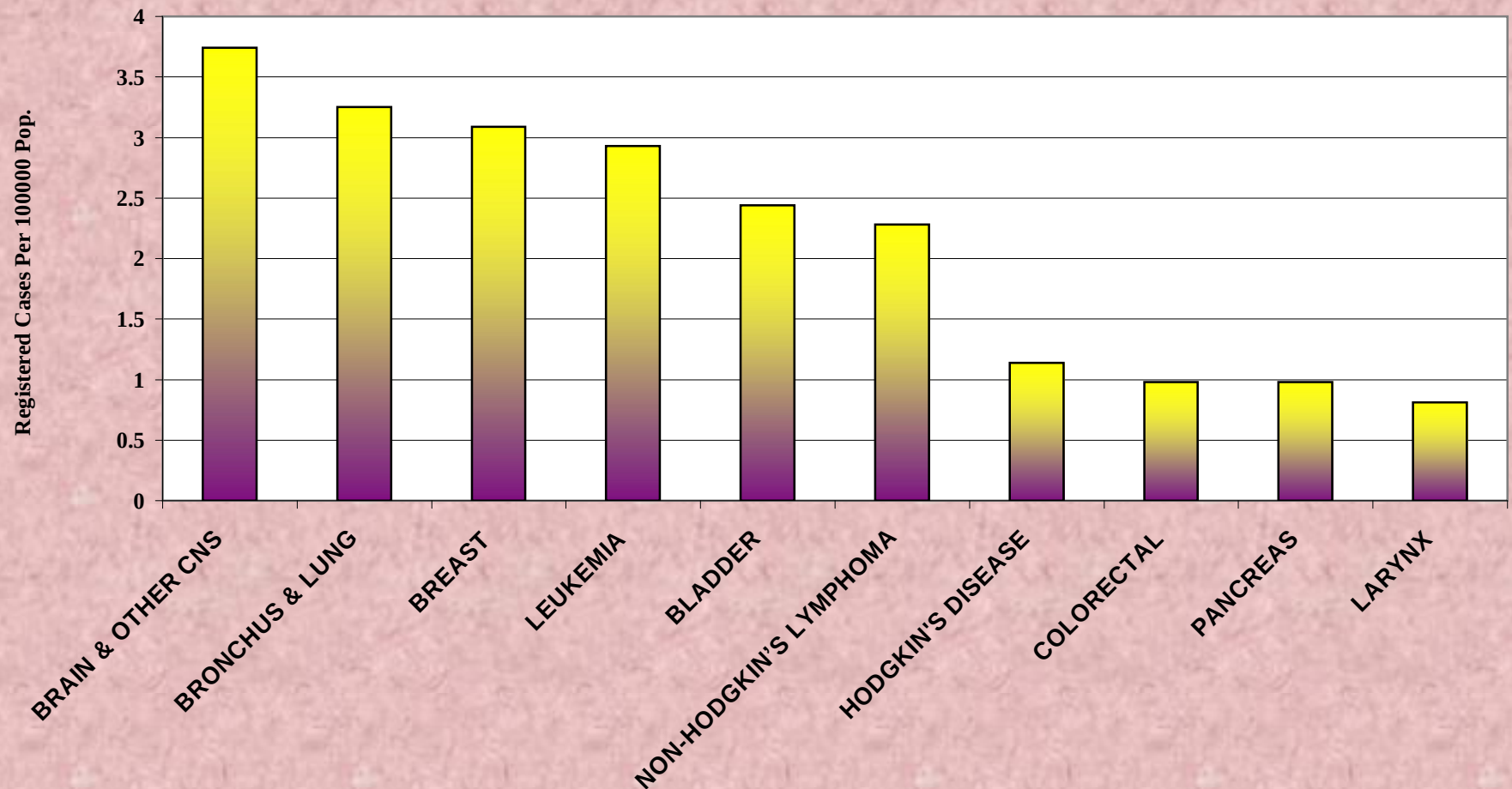
**The Commonest Ten Cancers in *Al-Muthana*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- BRAIN & OTHER CNS	23	10.65	3.74
2- BRONCHUS&LUNG	20	9.26	3.25
3- BREAST	19	8.80	3.09
4- LEUKEMIA	18	8.33	2.93
5- BLADDER	15	6.94	2.44
6- NON-HODGKIN'S LYMPHOMA	14	6.48	2.28
7- HODGKIN'S DISEASE	7	3.24	1.14
8- COLORECTAL	6	2.78	0.98
9-PANCREAS	6	2.78	0.98
10- LARYNX	5	2.31	0.81
TOTAL TEN	133	61.57	21.63
ALL SITES	216	100.00	3512

Estimated Population Of *Al-Muthana* 2007(614997)

Figure (19)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Al - Muthana



Iraqi Cancer board

Top Ten

مجلس السرطان في العراق

Table (37)
The Commonest Ten Cancer in AL-Muthana Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	AL SAMAWA		AL RUMAITHA		AL SALMAN		AL KHIDHIR		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Brain & Other CNS	15	65.22	8	34.78	0	0.00	0	0.00	23	100.00
Bronchus & lung	10	50.00	7	35.00	0	0.00	3	15.00	20	100.00
Breast	13	68.42	3	15.79	0	0.00	3	15.79	19	100.00
Leukemia	11	61.11	7	38.89	0	0.00	0	0.00	18	100.00
Bladder	8	53.33	2	13.33	1	6.67	4	26.67	15	100.00
Non-Hodgkin's Lymphoma	10	71.43	4	28.57	0	0.00	0	0.00	14	100.00
Hodgkin's Disease	5	71.43	1	14.29	0	0.00	1	14.29	7	100.00
Colorectal	5	83.33	1	16.67	0	0.00	0	0.00	6	100.00
Pancreas	2	33.33	4	66.67	0	0.00	0	0.00	6	100.00
Larynx	2	40.00	3	60.00	0	0.00	0	0.00	5	100.00
Total	81	60.90	40	30.08	1	0.75	11	8.27	133	100.00



Table (38)

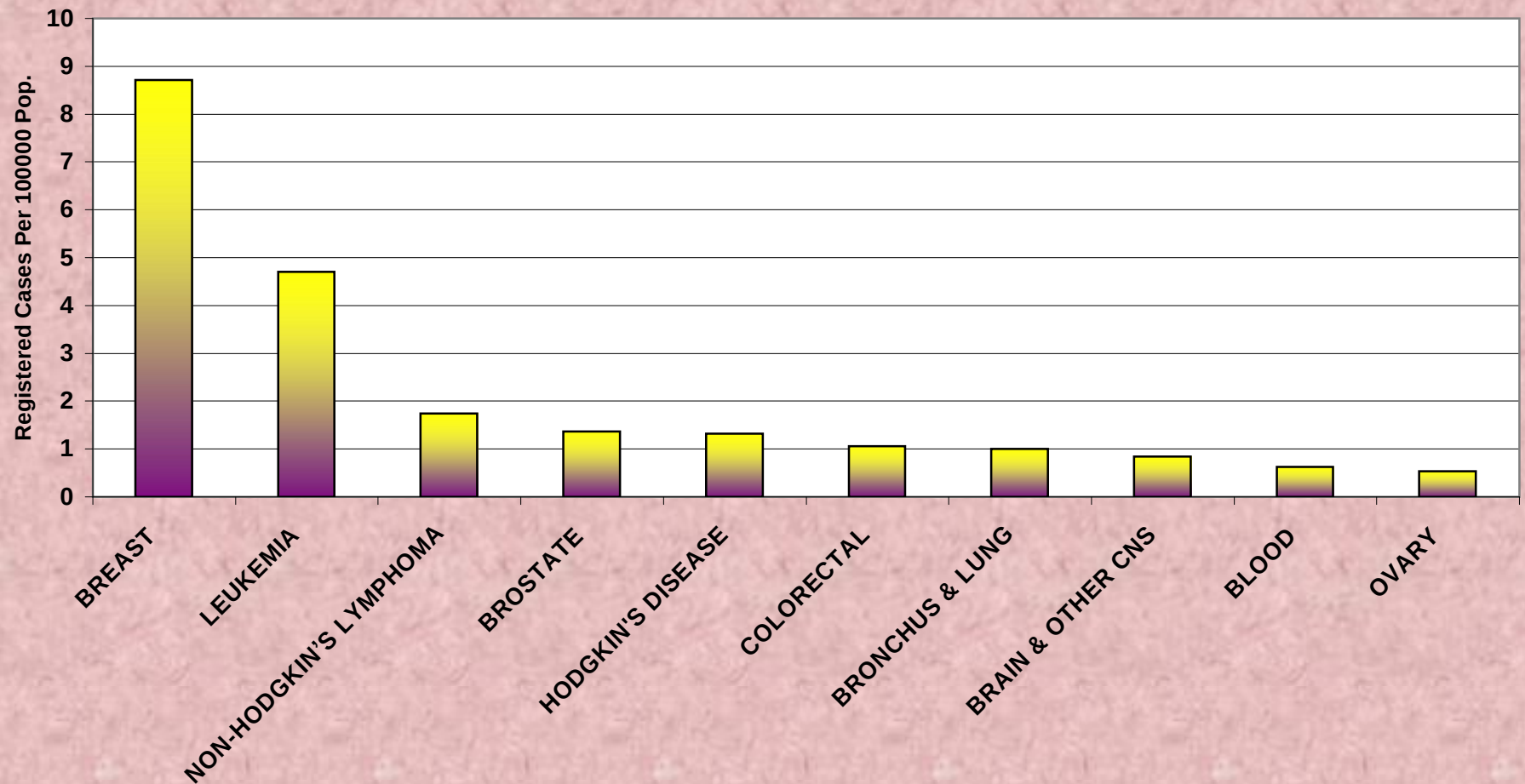
**The Commonest Ten Cancers in *Sulaimaniyah*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-BREAST	165	30.67	8.71
2- LEUKEMIA	89	16.54	4.70
3- NON-HODGKIN'S LYMPHOMA	33	6.13	1.74
4- PROSTATE	26	4.83	1.37
5- HODGKIN'S DISEASE	25	4.65	1.32
6- COLORECTAL	20	3.72	1.06
7- BRONCHUS&LUNG	19	3.53	1.00
8- BRAIN & OTHER CNS	16	2.97	0.84
9- BLOOD	12	2.23	0.63
10- OVARY	10	1.86	0.53
TOTAL TEN	415	77.14	21.92
ALL SITES	538	100.00	28.41

Estimated Population Of *Sulaimaniyah* in 2007(1893617)

Figure (20)

The Commonest Ten Cancers By Registered Cases Per 100000 Population in Al - Sulaimaniyah



Iraqi Cancer Board

Top Ten

مجلس السرطان في العراق

Table (39)

The Commonest Ten Cancer in Al-Sulaimanyia Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	Al-Sulaimanyia		Halabja		Bashdar		Rania		Dokan		Derbandykhan		Chamchamal		Kalar		Total	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	152	92.12	3	1.82	0	0.00	5	3.03	0	0.00	0	0.00	2	1.21	3	1.82	165	100.00
Leukemia	77	86.52	5	5.62	0	0.00	1	1.12	0	0.00	2	2.25	0	0.00	4	4.49	89	100.00
Non-Hodgkin's Lymphoma	29	87.88	1	3.03	0	0.00	1	3.03	0	0.00	0	0.00	1	3.03	1	3.03	33	100.00
Prostate	21	80.77	1	3.85	0	0.00	1	3.85	1	3.85	0	0.00	1	3.85	1	3.85	26	100.00
Hodgkin's Disease	22	88.00	0	0.00	0	0.00	1	4.00	0	0.00	0	0.00	1	4.00	1	4.00	25	100.00
Colorectal	18	90.00	0	0.00	0	0.00	1	5.00	0	0.00	0	0.00	0	0.00	1	5.00	20	100.00
Bronchus & lung	11	57.89	2	10.53	0	0.00	2	10.53	1	5.26	1	5.26	1	5.26	1	5.26	19	100.00
Brain & Other CNS	12	75.00	1	6.25	0	0.00	0	0.00	0	0.00	0	0.00	2	12.50	1	6.25	16	100.00
Blood	7	58.33	3	25.00	0	0.00	0	0.00	0	0.00	0	0.00	1	8.33	1	8.33	12	100.00
Ovary	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
Total	359	86.51	16	3.86	0	0.00	12	2.89	2	0.48	3	0.72	9	2.17	14	3.37	415	100.00

Duhok
476



Table (40)

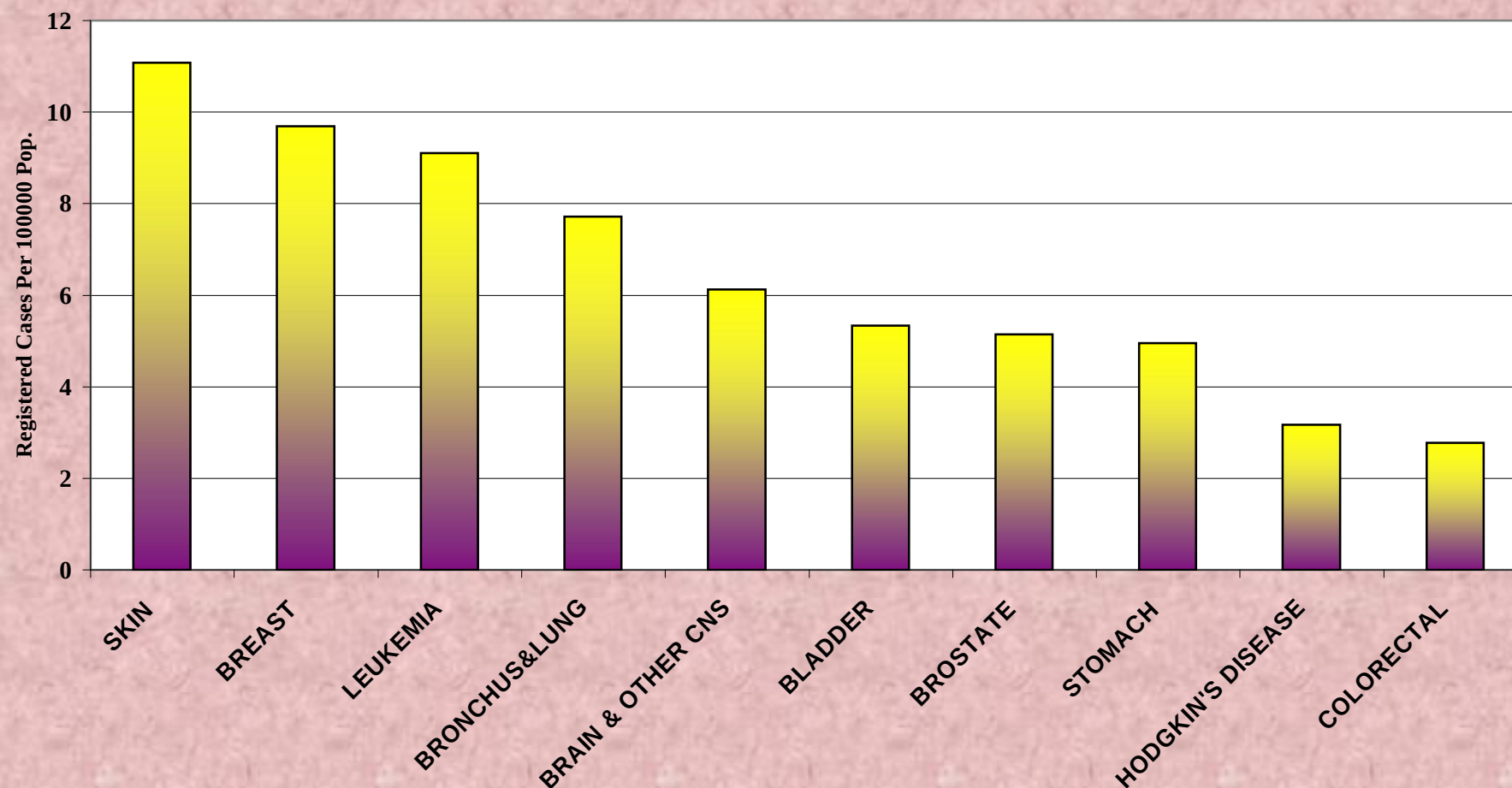
**The Commonest Ten Cancers in *Duhok*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population**

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- SKIN	56	11.76	11.08
2- BREAST	49	10.29	9.69
3- LEUKEMIA	46	9.66	9.10
4- BRONCHUS&LUNG	39	8.19	7.72
5- BRAIN & OTHER CNS	31	6.51	6.13
6- BLADDER	27	5.67	5.34
7- PROSTATE	26	5.46	5.14
8- STOMACH	25	5.25	4.95
9- HODGKIN'S DISEASE	16	3.36	3.17
10- COLORECTAL	14	2.94	2.77
TOTAL TEN	329	69.12	65.09
ALL SITES	476	100.00	94.16

Estimated Population Of *Duhok* in 2007(505491)

Figure (21)

The Commonest Ten Cancers By registered Cases Per 100000 Population in Duhok



Iraqi Cancer Board

Top Ten

مجلس السرطان في العراق

Table (41)

The Commonest Ten Cancer in Duhok Districts
Number of New Cases by Primary Site , Percentage of Total in 2006

TOP TEN	Duhok		Al-Amadyia		Zakho		Smeel		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Skin	54	96.43	0	0.00	0	0.00	2	3.57	56	100
Breast	38	77.55	0	0.00	4	8.16	7	14.29	49	100
Leukemia	44	95.65	0	0.00	1	2.17	1	2.17	46	100
Bronchus & Lung	29	74.36	2	5.13	2	5.13	6	15.38	39	100
Brain & Other CNS	24	77.42	0	0.00	1	3.23	6	19.35	31	100
Bladder	27	100.00	0	0.00	0	0.00	0	0.00	27	100
PROSTATE	23	88.46	1	3.85	0	0.00	2	7.69	26	100
Stomach	22	88.00	0	0.00	3	12.00	0	0.00	25	100
Hodgkin's Disease	16	100.00	0	0.00	0	0.00	0	0.00	16	100
Colorectal	13	92.86	0	0.00	0	0.00	1	7.14	14	100
Total	290	88.15	3	0.91	11	3.34	25	7.60	329	100

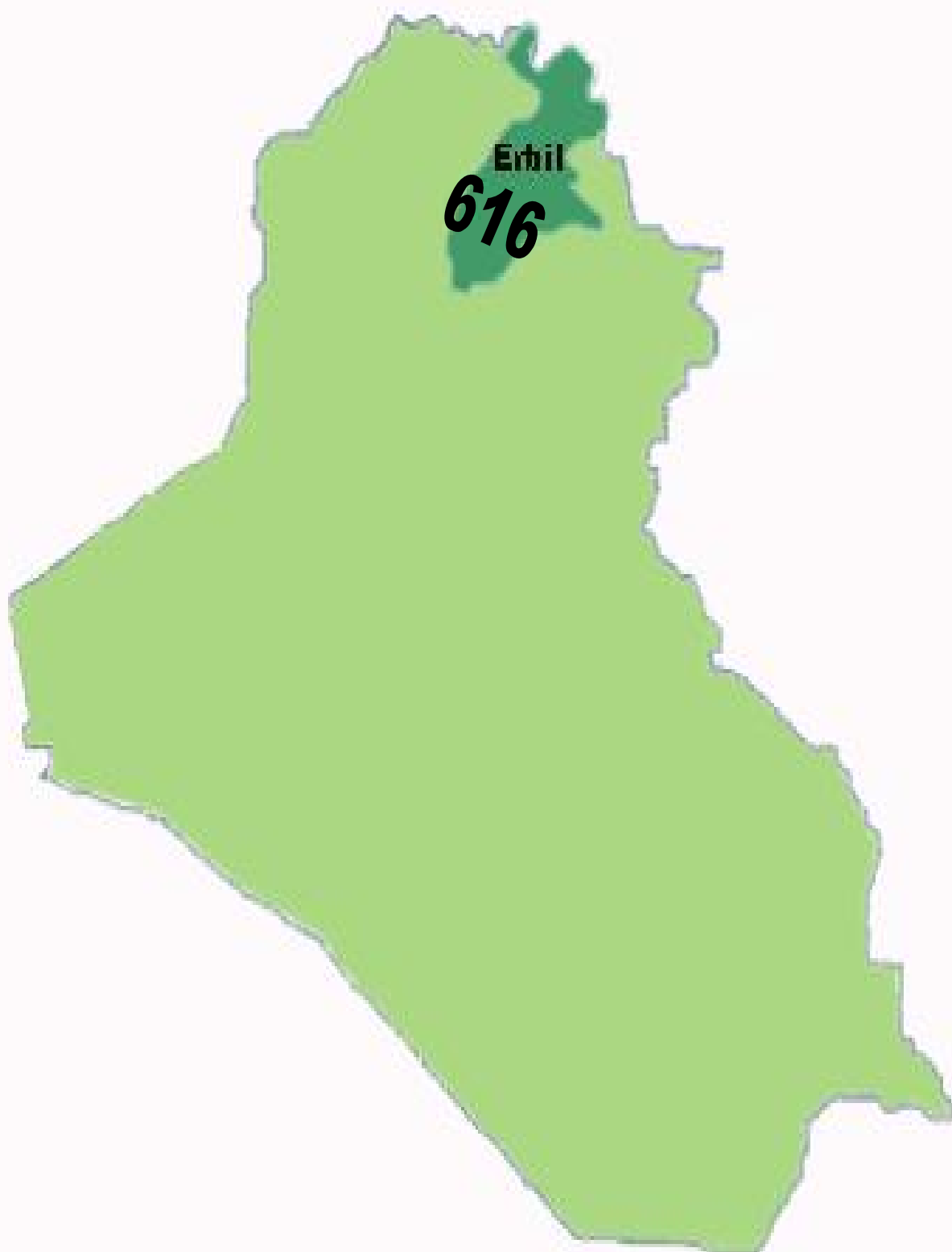


Table (42)

The Commonest Ten Cancers in *Erbil*
Number of New Cases by Primary Site, Percentage of Total
And Registered Cases /100,000 Population

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- BREAST	174	28.25	11.28
2- BRONCHUS&LUNG	91	14.77	5.90
3- COLORECTAL	38	6.17	2.46
4- BLADDER	31	5.03	2.01
5- STOMACH	24	3.90	1.56
6- NON-HODGKIN'S LYMPHOMA	24	3.90	1.56
7- OVARY	18	2.92	1.17
8- PANCREAS	17	2.76	1.10
9- LARYNX	16	2.60	1.04
10- HODGKIN'S DISEAS	14	2.27	0.91
TOTAL TEN	447	72.56	28.98
ALL SITES	616	100.00	39.93

Estimated Population Of *Erbil* in 2007 (1542421)

Figure (22)

The Commonest Ten Cancers By Registered Cases Per 100000 population
in Erbil

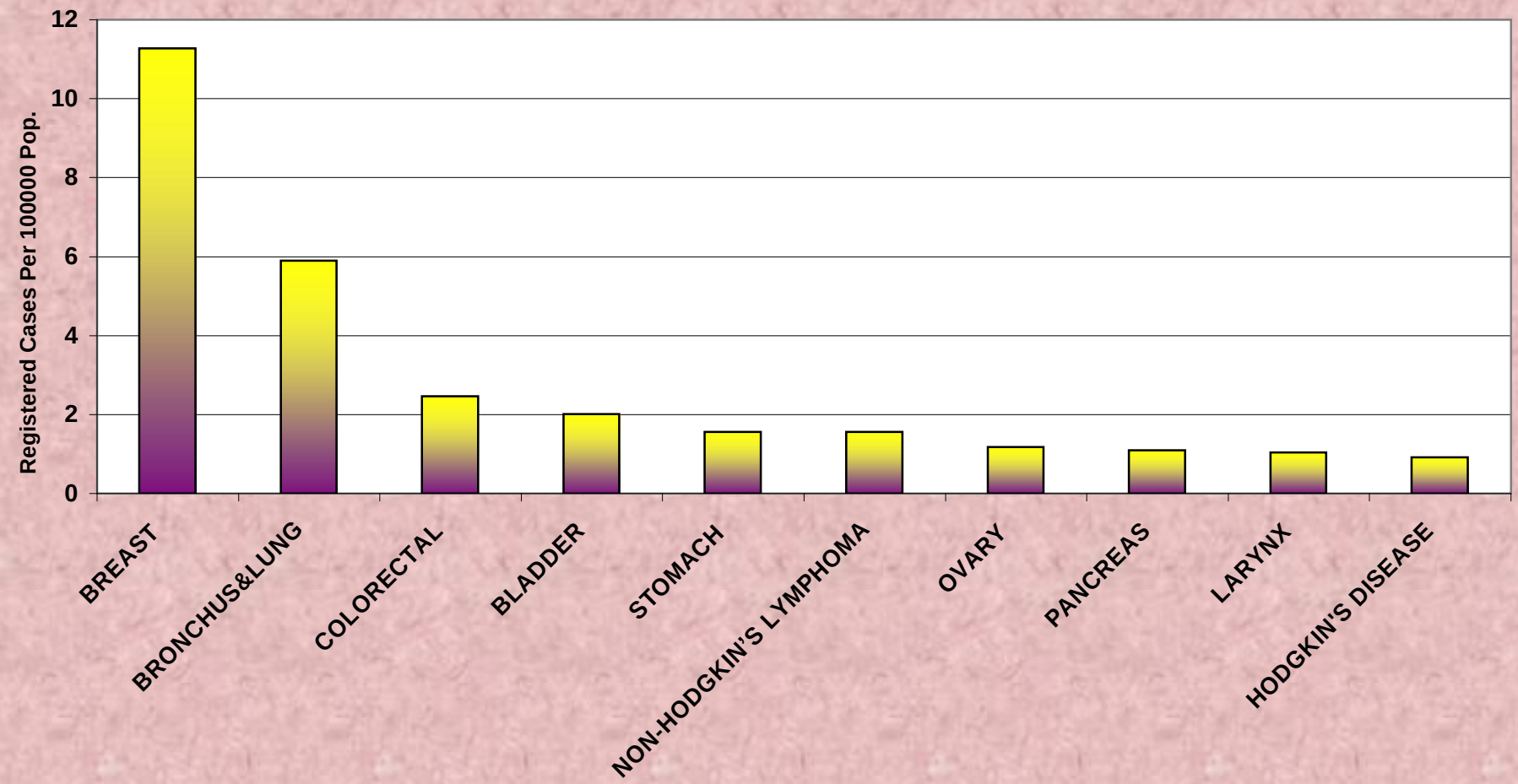


Table (43)

The Commonest Ten Cancer in Erbil Districts
Number of New Cases by Primary Site , Percentage of Total in 2007

TOP TEN	Erbil		Makhmoor		Al-Siddiq		Al-Zibbar		Shaqlawa		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	174	100.00	0	0.00	0	0.00	0	0.00	0	0.00	174	100.00
Bronchus & lung	91	100.00	0	0.00	0	0.00	0	0.00	0	0.00	91	100.00
Colorectal	38	100.00	0	0.00	0	0.00	0	0.00	0	0.00	38	100.00
Bladder	31	100.00	0	0.00	0	0.00	0	0.00	0	0.00	31	100.00
Stomach	24	100.00	0	0.00	0	0.00	0	0.00	0	0.00	24	100.00
Non- Hodgkin's Lymphoma	24	100.00	0	0.00	0	0.00	0	0.00	0	0.00	24	100.00
Ovary	18	100.00	0	0.00	0	0.00	0	0.00	0	0.00	18	100.00
Pancreas	17	100.00	0	0.00	0	0.00	0	0.00	0	0.00	17	100.00
larynx	16	100.00	0	0.00	0	0.00	0	0.00	0	0.00	16	100.00
Hodgkin's Disease	13	92.85	1	7.14	0	0.00	0	0.00	0	0.00	14	100.00
Total	446	99.77	1	0.22	0	0.00	0	0.00	0	0.00	447	100.00

Table (44)

**The Number of Cases & Percentage of Total in Provinces of Iraq
in 2007**

PROVINCE	NO.OF CASES	%OF TOTAL
Baghdad	3607	25.38
Nineveh	1016	7.15
Kirkuk	598	4.21
Al-Anbar	293	2.06
Salah-Alden	288	2.02
Dyala	293	2.06
Kerballa	375	2.64
Al-Najaf	1117	7.86
Babil	922	6.49
Wasit	295	2.08
Misan	315	2.22
Al-Diwanyia	618	4.35
Thi-Qar	572	4.02
Al-Basrah	1167	8.21
Al-Muthana	216	1.52
Al-Sulaimaniyah	538	3.79
Duhok	476	3.35
Erbil	616	4.33
Others*	891	6.27
TOTAL	14213	100.00

*Others : Cases registered here are cases with unknown address

Figure A (23)

The Incidence Rate of Cancers Cases in Iraqi Provinces / 2007

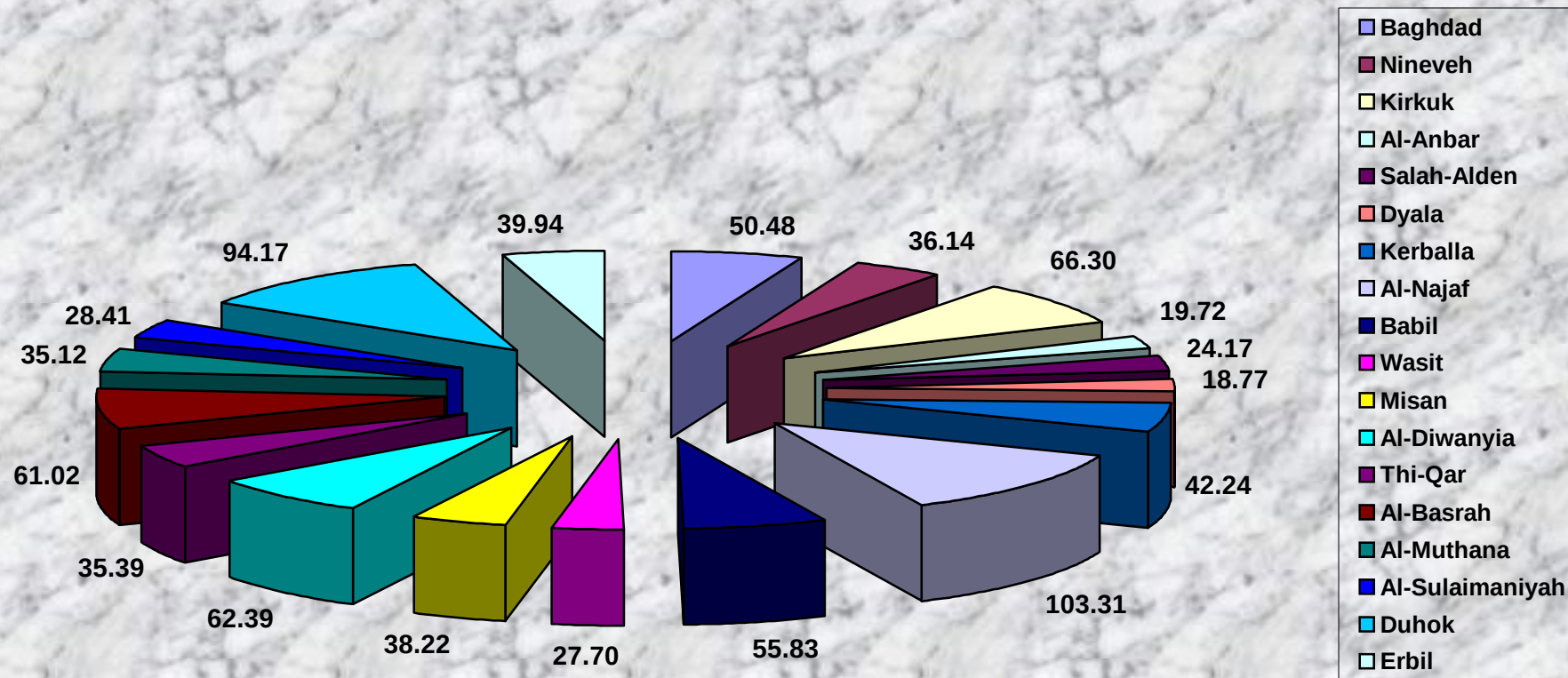
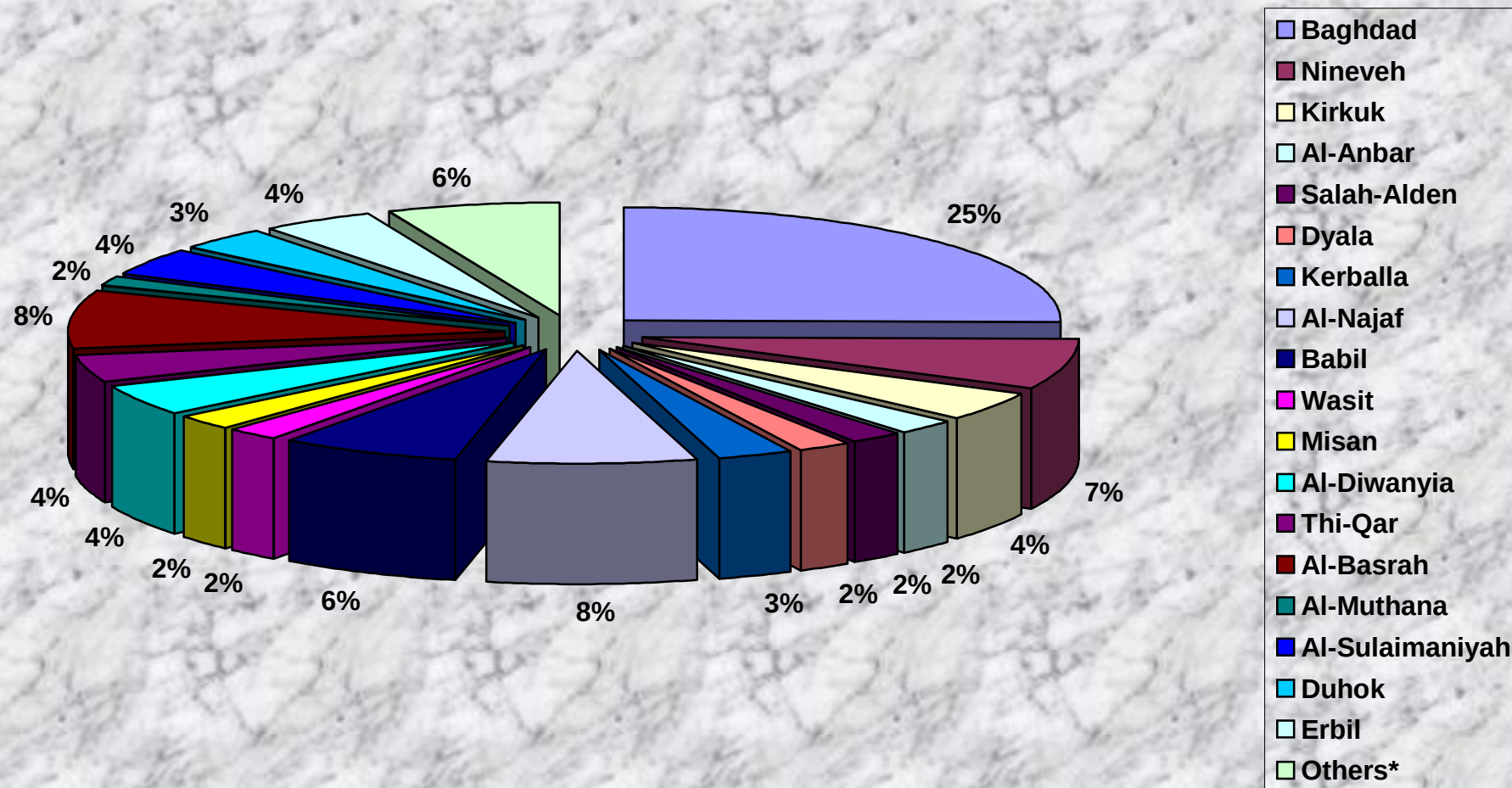


Figure (23)

The Burden of Cancer Cases In Iraqi Provinces 2007



**Basic Tabulation of
Cancer Cases by
Primary Site, Age,
And Sex**

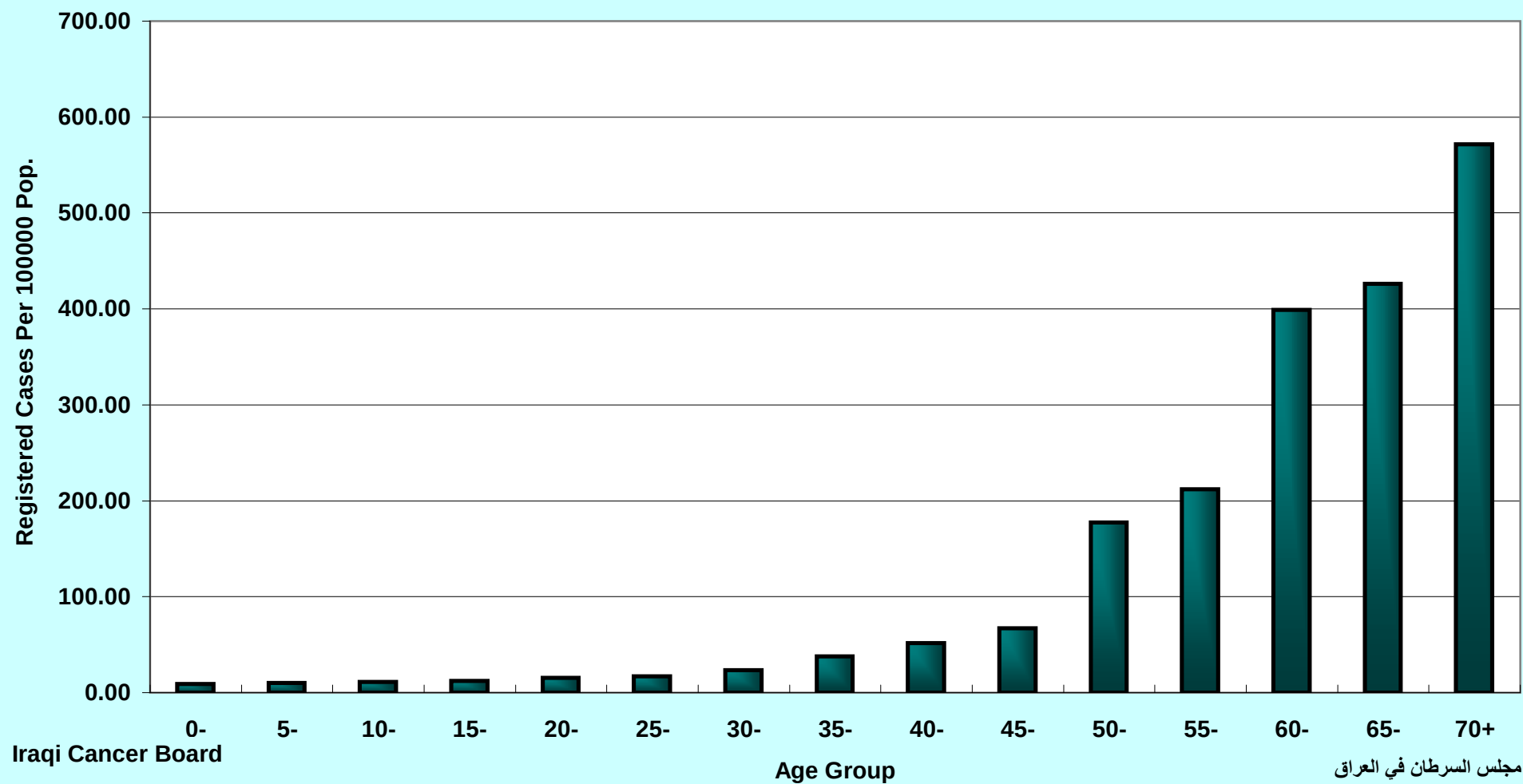
Table(45)
Cases Registered by Site and Age Group in MALES (2007)

SITE	ICD9	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	JNH	ALL	%
LIP	C00										1					3		4	0.06
TONGUE - BASE	C01								1									1	0.02
TONGUE - OTHER	C02		1			2			3		2	4	4	8	1	6	1	32	0.48
GUM	C03					1		1		1			1	1		2		7	0.11
MOUTH - FLOOR	C04																	0	0.00
MOUTH - PALATE	C05							1		1	1	2			1	1		7	0.11
MOUTH - OTHER	C06				1				1			2	3	1	2	5		15	0.23
PAROTID GLAND	C07					1	1		2	3		1	1		1	4		14	0.21
SALIVARY GLAND	C08				1			1	1		1	1		1				6	0.09
TONSILS	C09											1		2	2			5	0.08
OROPHARYNX	C10															1		1	0.02
NASOPHARYNX	C11	1		1	3	2		2	7	4		10	3	2	1	3		39	0.59
PYRIFORM SINUS	C12								1			2		1	1	1	1	7	0.11
HYPOPHARYNX	C13					1	1	2	3						1			8	0.12
PHARYNX	C14				1		1	1	5	1	2	5		4	3	2	1	26	0.39
ESOPHAGUS	C15					1	4	2	3	2	3	7	4	11	9	18		64	0.96
STOMACH	C16	1	1		1	5	5	5	11	18	19	31	25	27	32	48	3	232	3.49
SMALL INTESTIN	C17							2	3	2	4	1		6	7	3		28	0.42
COLON	C18		1		2	6	6	6	14	9	17	25	25	27	22	44	3	207	3.11
RECOSIGMOID JUNCTION	C19								1		2	1	5	4	1	1		15	0.23
RECTUM	C20				1	1	8	6	7	10	8	15	12	9	9	18	1	105	1.58
ANUS	C21								3	2			1		1	1		8	0.12
LIVER	C22	2	2	4		1	3	3	5	13	9	11	22	25	20	49	5	174	2.61
GALL BLADDER	C23								1	2	1	4	1	4	1	4		18	0.27
BILE TRACT	C24				1		1		2	2	3	3	1	3	3	1		20	0.30
PANCREAS	C25		1			1	3	3	2	10	10	15	20	24	18	38	1	146	2.19
OTHER DIGESTIVE ORGAN	C26						1		2	2	1	1	3	3	4	4		21	0.32
EAR/NOSE	C30					1			1			1	1	1		1		6	0.09
ACCESSORY SINUS	C31					1				1		1	2	1		3		9	0.14
GLOTTIS / LARYNX	C32	1	2		1	1	2	2	5	10	10	42	18	58	26	49	4	231	3.47
TRACHEA	C33								1			1						2	0.03
BRONCHUS & LUNG	C34		1	2	3	3	9	9	15	35	32	87	126	169	153	271	3	918	13.79
THYMUS	C37					2		3	1		1			1		1		9	0.14
HEART & MEDIASTINUM	C38	1		4		1	1		2	2	1	1		1	1	1		16	0.24
OTHER RESPPIRATORY TRACT	C39							1				2	2	2		3		10	0.15
BONES - LIMBS	C40		5	11	11	6	1	4	3			2	1	1	2	6		53	0.80
BONES - OTHER	C41	1	5	10	18	11	7	5	6	2	3	6	5	10	5	13		107	1.61
BON MARROW	C42	1	2	1			2	1	1		1	2	1	4	1	5		22	0.33
SKIN , MELANOMA	C43			1			1		3	2		3	1	2	3	5		21	0.32
SKIN	C44	1	5	6	4	4	4	10	9	12	9	31	22	26	23	53	4	223	3.35
NERVES	C47	3	1	1	1	1			2			1						10	0.15
PERITONEUM	C48		1							1	1						1	4	0.06
SOFT TISSUES	C49	13	3	3	6	8	6	5	8	6	11	9	7	13	5	12		115	1.73
BREAST	C50					1	1	1	8	7	9	14	9	12	9	5	2	78	1.17
PENIS	C60														1	1		2	0.03
PROSTATE	C61					1	1	4		4		11	18	47	39	143	2	270	4.06
TESTIS	C62	8	2		4	10	13	18	10	8	7	6	3	4	1	2	1	97	1.46
MALE GEN -OTHER	C63															2		2	0.03
KIDNEY	C64	24	4	2	2	2	4	5	6	14	16	22	21	17	12	18	2	171	2.32

SITE	ICD9	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	JNH	ALL	%
PELVIS	C65									1	1		1					3	0.045
URETER	C66													1				1	0.015
BLADDER	C67	4	2		1	3	5	8	19	14	19	78	65	118	90	204	9	639	9.6
OTHER URINARY ORGANS	C68															1		1	0.015
EYE	C69	20	4	2						2			1	1		1	1	32	0.481
MENINGES	C70				2		1	1	2			3	1	1		3		14	0.21
BRAIN	C71	16	19	20	18	26	20	21	26	23	36	19	28	27	23	18	4	344	5.168
NERVOUS SYSTEM	C72	15	1	3	1	2		1	1	2	1	2	2		1	3		35	0.526
THYROID	C73					4	5	3	3	2	3	5	7	4	5	11		52	0.781
ADRENAL GLAND	C74	6	2		1			1	1	1		1	1			1		15	0.225
ENDOCRINE - OTHER	C75				1				3	1	1	2	1			1		10	0.15
NOS (Not Other Wise Specified)	C76	4	1	3	3	3	1	1	6	2	3	9	6	2	3	5	2	54	0.811
LYMPH NODES	C77			2	1	6		1	4	2	3	2	1	5	5	5		37	0.556
UNKNOWN	C80	2	4	6	5	5	7	11	14	17	21	54	50	71	46	71	7	391	5.874
Hodgkin's Disease		3	20	17	24	25	20	19	18	21	10	14	16	14	7	16		244	3.666
Non -Hodgkin's Lymphoma		32	42	27	26	22	32	16	19	26	26	54	31	39	28	45	3	468	7.031
PLASMACYTOMA				1				1				1				2		5	0.075
MULTIPLE MYELOMA			1	1		1		1	2	3	4	4	6	10	5	5		43	0.646
LEUKAEMIAS		76	82	76	57	45	28	46	27	18	17	40	34	45	23	59	4	677	10.17
M. M. & L. D.				1		1				1	1	1						5	0.075
Myelodysplastic Syndrome																		0	0
TOTAL		235	215	205	201	218	205	234	304	322	331	673	619	870	657	1302	65	6656	100

Figure (24)

Age Specific Registered Cases Per 100000 population
(male)



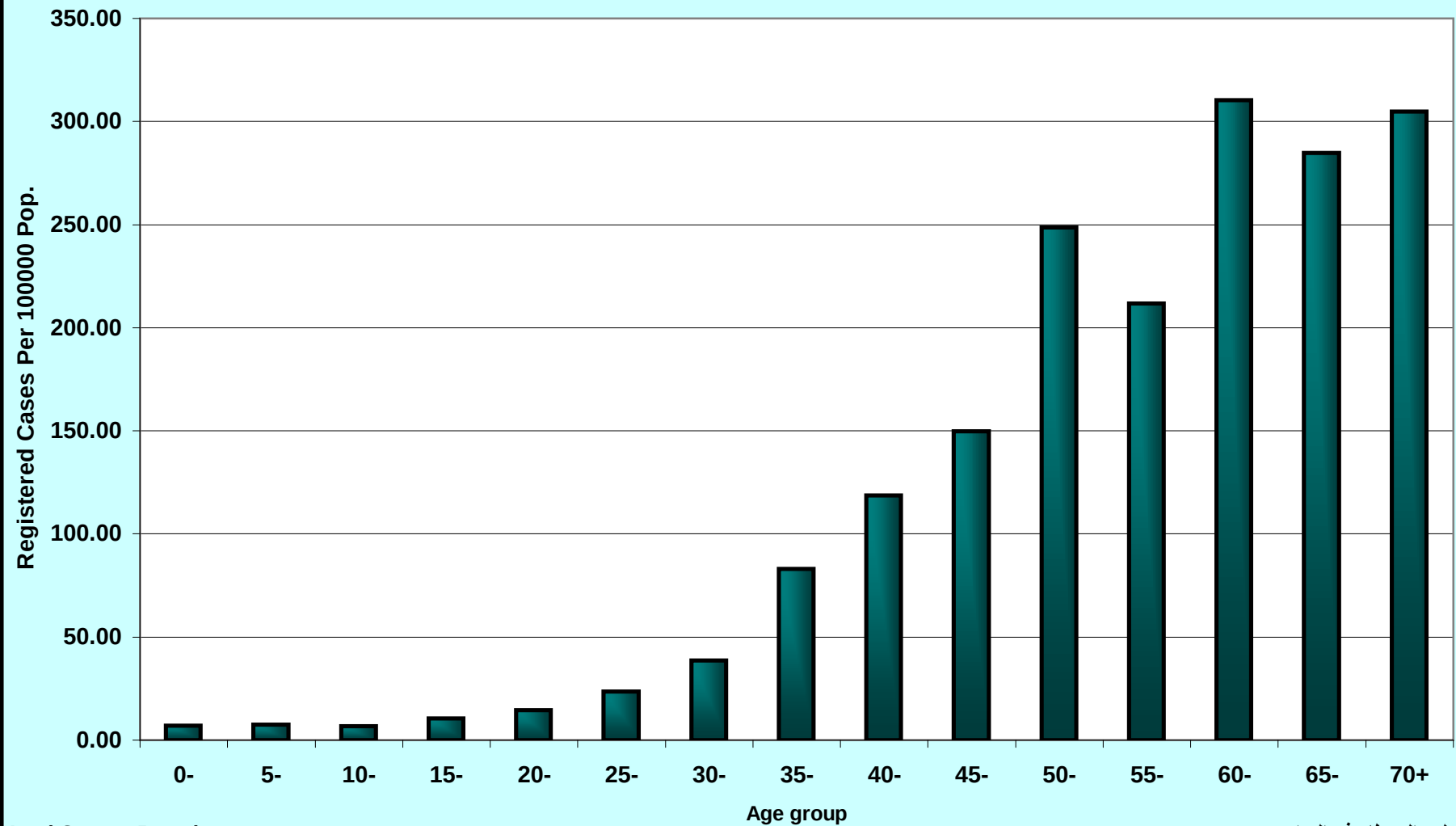
Table(46)
Cases Registered by Site and Age Group in FE MALES (2007)

SITE	ICD0	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	UNK	ALL	%
LIP	C00										1				1			2	0.03
TONGUE - BASE	C01																	0	0.00
TONGUE - OTHER	C02				1		1		2	3	3	4	4	2	3	4	1	28	0.37
GUM	C03						1									3		4	0.05
MOUTH - FLOOR	C04							1								2		3	0.04
MOUTH - PALATE	C05									1	1							2	0.03
MOUTH - OTHER	C06						1	1				1	2		1	1		7	0.09
PAROTID GLAND	C07			1		1		3	1	1	1	1	1	3	1	2	1	17	0.22
SALIVARY GLAND	C08				1			1			1	4	1	2	2			12	0.16
TONSILS	C09											1	2		1	1		5	0.07
OROPHARYNX	C10																	0	0.00
NASOPHARYNX	C11						1	4	3	1	2	4	1	1		3		20	0.26
PYRIFORM SINUS	C12																	0	0.00
HYPOPHARYNX	C13				1				2		2	4	1	1	1	1		13	0.17
PHARYNX	C14					1	1					7	5	3	2	2		21	0.28
ESOPHAGUS	C15						1	1	3	3	2	6	3	6	6	10		41	0.54
STOMACH	C16	1		1	2	2	5	7	23	15	20	25	27	20	25	28	1	202	2.67
SMALL INTESTIN	C17		1		1	1	2	2	2	4	1	4	6	6	3	8		41	0.54
COLON	C18					5	5	11	12	15	17	26	23	17	16	23	3	173	2.29
RECOSIGMOID JUNCTION	C19					1				3	1				2			7	0.09
RECTUM	C20				1	1	4	4	7	8	7	17	10	5	7	7	2	80	1.06
ANUS	C21						2					1				1		4	0.05
LIVER	C22	2	1	1			2	3	9	4	7	17	15	15	16	39	2	133	1.76
GALL BLADDER	C23					1						4	3	5	5	11		29	0.38
BILE TRACT	C24						1	1	1		2	1	3	3	1	1		14	0.19
PANCREAS	C25					1		2	3	7	12	15	10	17	9	35	1	112	1.48
OTHER DIGESTIVE ORGAN	C26			1			1		3		2	1	3	3	5	5	1	25	0.33
EAR / NOSE	C30				1		1								1			4	0.05
ACCESSORY SINUS	C31								2									2	0.03
GLOTTIS / LARYNX	C32							1	1	4	12	12	20	18	4	14	2	88	1.16
TRACHEA	C33														1			2	0.03
BRONCHUS & LUNG	C34					2	3	10	12	13	9	35	32	56	36	81	2	291	3.85
THYMUS	C37								1		1				2			4	0.05
HEART & MEDIASTINUM	C38	1					1			2		1	1		1	3		10	0.13
OTHER RESPPIRATORY TRACT	C39										1					2		3	0.04
BONES - LIMBS	C40	1	1	8	6	5	2	4	2	2	2	3		3		1		40	0.53
BONES - OTHER	C41	3	6	6	4	7	5	3	3	2	5	7	3	1	1	9		65	0.86
BON MARROW	C42		1	1				1	1	3			3	1	3	1	2	17	0.22
SKIN , MELANOMA	C43						1	1	3	2		2	3	2	2	4		20	0.26
SKIN	C44	2	1		3	4	4	4	7	8	8	22	7	17	17	40	1	145	1.92
NERVES	C47	2	1								2	1					1	7	0.09
PERITONEUM	C48	1				1		1			1	1		1				6	0.08
SOFT TISSUES	C49	7	1	2	5	4	6	5	10	6	12	11	5	9	6	6		95	1.26
BREAST	C50	1	1	1	1	16	63	141	332	435	431	448	277	258	131	191	30	2757	36.48
VULVA	C51								1			2	1	3	1	3		11	0.15
VAGINA	C52				1			1	1	2		1		2		1	1	10	0.13
CERVIX	C53			1		3	1	6	17	19	21	27	8	6	4	12	3	128	1.69
CORPUS UTERI	C54						2	3	6	9	8	10	12	8	7	6	4	75	0.99
UTERUS UNSPECIFIED	C55	1	1		3	3	4	10	36	23	20	29	28	26	12	25	2	223	2.95
OVARY	C56	2	1	8	13	22	15	13	22	29	27	36	23	16	12	18	4	261	3.45
FEMALE GENITAL	C57				1					2				1				4	0.05
PLACENTA	C58				10	11	11	11	9	4	7							63	0.83
KIDNEY	C64	15	5	1	1	2	9	6	4	11	9	16	8	17	9	10		123	1.63

SITE	ICD0	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	UNK	ALL	%
PELVIS	C65										1		1		1			3	0.04
URETER	C66																	0	0.00
BLADDER	C67						1	1	4	8	7	15	11	30	29	62		168	2.22
OTHER URINARY ORGANS	C68																	0	0.00
EYE & ADNEX	C69	11	1	2	1				1			1		3				20	0.26
MENINGES	C70	1					2	6	3	5	4	6	3	3		1		34	0.45
BRAIN	C71	11	29	18	17	11	18	15	23	18	19	18	9	13	12	19		250	3.31
NERVOUS SYSTEM OTHER	C72	8	2	1	2	3	4	2	2		3			1	1	1	1	31	0.41
THYROID GLAND	C73			2	2	5	16	11	16	10	13	12	9	9	16	9	2	132	1.75
ADRENAL GLAND	C74	7	2		2		1					1	1	1				15	0.20
ENDOCRINE GLANDS, OTHER	C75		1	1	1	2	1		1			1		1		1		10	0.13
NOS (Not Other Wise Specified)	C76	5	2	1		1		1	1	6	3	5	1	4	3	6	2	41	0.54
LYMPH NODES	C77		1		2	2	2	1		1	3	2		1	2	4		21	0.28
UNKNOWN PRIMARY SITE	C80	3	3	4	6	7	3	15	21	31	27	46	28	34	30	50	3	311	4.12
Hodgkin's Disease		1	10	8	29	30	19	17	7	8	4	10	10	4	6	7	2	172	2.28
Non -Hodgkin's Lymphoma		13	19	9	15	14	18	12	20	22	21	39	22	33	17	34	5	313	4.14
PLASMACYTOMA						2						2		1				5	0.07
MULTIPLE MYELOMA										2	1	4	3	4	7	2	1	24	0.32
LEUKAEMIA		68	62	42	33	23	30	36	36	30	28	50	26	25	16	43	1	549	7.26
M. M. & L. D.		1									1	1	2	1				6	0.08
Myelodysplastic Syndrome						1								2				3	0.04
Total		168	153	120	166	195	272	379	678	779	793	###	676	731	489	856	79	7557	100

Figure (25)

Age Specific Registered Cases Per 100000 Population
(Female)



**Distribution by Age, Sex
& Histological Classification
Of Top Ten Cancers**

Table (47)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: BREAST

TOTAL	MALE	FEMALE
2835	78	2757

	0-4	5-9	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+	unknown	T
MALE					1	1	1	8	7	9	14	9	12	9	5	2	78
FEMALE	1	1	1	1	16	63	141	332	435	431	448	277	258	131	191	30	2757
TOTAL	1	1	1	1	17	64	142	340	442	440	462	286	270	140	196	32	2835

Most frequent histology

Histological	CASES	%
Infiltrating duct carcinoma	1689	59.58
Lobular carcinoma,NOS	78	2.75
Epithelial tumor	67	2.36
Adenocarcinoma,NOS	61	2.15
phyllodes tumor	9	0.32
Infiltrating duct and lobular carcinoma	7	0.25
Medullary carcinoma,NOS	6	0.21
Paget's disease,mammary	6	0.21
Papillary carcinoma,NOS	5	0.18
Mucinous adenocarcinoma	5	0.18
Squamous cell carcinoma,NOS	4	0.14
Comedocarcinoma,NOS	4	0.14
Paget's disease and intraduct. ca. of breast	2	0.07
Soft tissue tumor	2	0.07
Carcinoma,anaplastic,NOS	1	0.04
P. dis. & infil. duct carc.,breast	1	0.04
Adenosquamous carcinoma	1	0.04
Fibrosarcoma,NOS	1	0.04
Fibrous histiocyoma	1	0.04
Rhabdomyosarcoma,NOS	1	0.04
No histology	884	31.18

Histologically Verified

Cases	%
1951	68.82

Table (48)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: LEUKAEMIA

TOTAL	MALE	FEMALE
1226	677	549

	0-4	5-9	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+	unknown	T
MALE	76	82	76	57	45	28	46	27	18	17	40	34	45	23	59	4	677
FEMALE	68	62	42	33	23	30	36	36	30	28	50	26	25	16	43	1	549
TOTAL	144	144	118	90	68	58	82	63	48	45	90	60	70	39	102	5	1226

Most frequent histology

Histological	CASES	%
Acute lymphoblastic leukemia	438	35.73
Leukemia,NOS	300	24.47
Acute myeloid leukemia	176	14.36
Chronic myeloid leukemia	146	11.91
Chronic lymphoid leukemia	71	5.79
Lymphoid leukemia,NOS	31	2.53
Acute leukemia,NOS	20	1.63
Lymphosarcoma cell leukemia	11	0.90
Acute monocytic leukemia	8	0.65
Myeloid leukemia,NOS	6	0.49
Plasma cell leukemia	4	0.33
Prolymphocytic leukemia	3	0.24
Acute panmyelosis	3	0.24
Chronic leukemia,NOS	2	0.16
Monocytic leukemia,NOS	2	0.16
Burkitt's cell leukaemia	1	0.08
Adult T-cell leukaemia/lymphoma	1	0.08
Acute myelomonocytic leukemia	1	0.08
Subacute monocytic leukemia	1	0.08
Hairy cell leukemia	1	0.08

Histologically Verified	
Cases	%
1226	100.00

Table (49)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: **BRONCHUS & LUNG**

TOTAL	MALE	FEMALE
1209	918	291

	0-4	5-9	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+	unknown	T
MALE		1	2	3	3	9	9	15	35	32	87	126	169	153	271	3	918
FEMALE					2	3	10	12	13	9	35	32	56	36	81	2	291
TOTAL		1	2	3	5	12	19	27	48	41	122	158	225	189	352	5	1209

Most frequent histology

Histological	CASES	%
Squamous cell carcinoma,NOS	235	19.44
Adenocarcinoma,NOS	89	7.36
Epithelial tumor	55	4.55
Bronchiolo-alveolar adenocarcinoma	44	3.64
Small cell carcinoma,NOS	36	2.98
Carcinoma,undifferentiated,NOS	15	1.24
Large cell carcinoma,NOS	13	1.08
Oat cell carcinoma	9	0.74
Small cell-large cell carcinoma	8	0.66
Tumorlet	5	0.41
Sq. cell carc. ,ker. type,NOS	4	0.33
Adenosquamous carcinoma	3	0.25
Sq. cell carc. ,lg. cell,non-ker.	2	0.17
Fibrosarcoma,NOS	1	0.08
Epithelioid hemangioendothelioma	1	0.08
No histology	689	56.99

Histologically Verified
 Cases %
 520 43.01

Table (50)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: BLADDER

TOTAL	MALE	FEMALE
807	369	168

	0-4	5-9	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+	unknown	T
MALE	4	2		1	3	5	8	19	14	19	78	65	118	90	204	9	639
FEMALE						1	1	4	8	7	15	11	30	29	62		168
TOTAL	4	2		1	3	6	9	23	22	26	93	76	148	119	266	9	807

Most frequent histology

Histological	CASES	%
Transitional cell carcinoma,NOS	338	41.88
Papillary trans. cell carc.	116	14.37
Squamous cell carcinoma,NOS	28	3.47
Epithelial tumor	12	1.49
Adenocarcinoma,NOS	12	1.49
Carcinoma,undifferentiated,NOS	2	0.25
Sq. cell carc. ,ker. type,NOS	2	0.25
Embryonal rhabdomyosarcoma	2	0.25
Papillary carcinoma,NOS	1	0.12
Papillary adenocarcinoma,NOS	1	0.12
No histology	293	36.31

Histologically Verified
Cases %
514 63.69

Table (51)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: NON –HODGKIN'S LYMPHOMA

TOTAL	MALE	FEMALE
781	468	313

	0-4	5-9	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+	unknown	T
MALE	32	42	27	26	22	32	16	19	26	26	54	31	39	28	45	3	468
FEMALE	13	19	9	15	14	18	12	20	22	21	39	22	33	17	34	5	313
TOTAL	45	61	36	41	36	50	28	39	48	47	93	53	72	45	79	8	781

Most frequent histology

Histological	CASES	%
Lmphoma,non-Hodgkin's,NOS	530	67.86
Lymphoma,NOS	154	19.72
Lymphoma,mixed small and large cell,diffuse	36	4.61
Burkitt's lymphoma,NOS	18	2.30
Lymphoma,large cell,diffuse	16	2.05
Lymphoma,small lymphocytic	9	1.15
Lymphoma,lymphoblastic	3	0.38
Lymphoma,mxd lymphocyt-histiocyt nod.	3	0.38
Mycosis fungoides	3	0.38
Lymphoma,diffuse,NOS	2	0.26
Lymphoma,large cell,foll.	2	0.26
Histiocytosis	2	0.26
Lymphoma,lymphoplasmacytic	1	0.13
Lymphoma small cleaved cell,foll.	1	0.13
Peripheral T-cell lymphoma,NOS	1	0.13

Histologically Verified	
Cases	%
781	100.00

Table (52)
**Distribution by Age, Sex, and
Histological Classification 2007**

Site: BRAIN AND OTHER CNS.

TOTAL	MALE	FEMALE
726	402	324

	0-4	5-9	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+	unknwn	T
MALE	31	20	23	22	28	21	23	32	26	37	26	32	28	24	25	4	402
FEMALE	20	32	20	20	16	25	23	29	23	26	25	12	17	13	22	1	324
TOTAL	51	52	43	42	44	46	46	61	49	63	51	44	45	37	47	5	726

Most frequent histology

Histological	CASES	%
Astrocytoma,NOS	94	12.95
Neuroblastoma,NOS	28	3.86
Glioblastoma,NOS	27	3.72
Medulloblastoma,NOS	27	3.72
Meningioma	23	3.17
Glioma	17	2.34
Ependymoma,NOS	15	2.07
Transitional meningioma	12	1.65
Fibrillary astrocytoma	10	1.38
Craniopharyngioma	7	0.96
Astrocytoma,anaplastic	7	0.96
Oligodendroglioma,NOS	7	0.96
Neurilemmoma	7	0.96
Pilocytic astrocytoma	6	0.83
Epithelial tumor	5	0.69
Myxopapillary ependymoma	5	0.69
Adenocarcinoma,NOS	4	0.55
Desmoplastic medulloblastoma	4	0.55
Meningotheliomatous meningioma	4	0.55
Hemangiopericytoma	3	0.41
Gemistocytic astrocytoma	3	0.41
Pleomorphic xanthoastrocytoma	3	0.41

Ganglioneuroblastoma	3	0.41
Angiomatous meningioma	3	0.41
Meningeal sarcomatosis	3	0.41
Squamous cell carcinoma,NOS	2	0.28
Teratoma,NOS	2	0.28
Hemangioblastoma	2	0.28
Pineoblastoma	2	0.28
Mixed glioma	2	0.28
Small cell carcinoma,NOS	1	0.14
Adenoca. in adenomatous polyp	1	0.14
Hemangiosarcoma	1	0.14
Hemangioendothelioma	1	0.14
Pineocytoma	1	0.14
Chordoma	1	0.14
Choroid plexus papilloma	1	0.14
Ependymoma,anaplastic	1	0.14
Papillary ependymoma	1	0.14
Astroblastoma	1	0.14
Oligodendroblastoma	1	0.14
Medullomyoblastoma	1	0.14
Primitive neuroectodermal tumor	1	0.14
Ganglioglioma	1	0.14
Esthesioneuroblastoma	1	0.14
Fibrous meningioma	1	0.14
Psammomatous meningioma	1	0.14
No histology	372	51.24

Histologically Verified	
Cases	%
354	48.76

Table (53)
Distribution by Age, Sex, and
Histological Classification 2007

Site: COLORECTAL

TOTAL	MALE	FEMALE
599	335	264

	0-4	5-9	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+	unknown	T
MALE		1		3	7	14	12	25	21	27	41	43	40	33	64	4	335
FEMALE				1	7	11	15	19	26	25	44	33	24	23	31	5	264
TOTAL		1		4	14	25	27	44	47	52	85	76	64	56	95	9	599

Most frequent histology

Histological	CASES	%
Adenocarcinoma,NOS	302	50.42
Mucinous adenocarcinoma	21	3.51
Epithelial tumor	18	3.01
Squamous cell carcinoma,NOS	9	1.50
Carcinoid tumor,NOS,except appendix	5	0.83
Signet ring cell carcinoma	4	0.67
Carcinoma,undifferentiated,NOS	2	0.33
Neuroendocrine carcinoma	1	0.17
Infiltrating duct carcinoma	1	0.17
Embryonal carcinoma,NOS	1	0.17
Hemangioendothelioma	1	0.17
No histology	234	39.07

Histologically Verified
Cases %

365 60.93

Table (54)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: STOMACH

TOTAL	MALE	FEMALE
434	232	202

	0-4	5-9	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+	unknown	T
MALE	1	1		1	5	5	5	11	18	19	31	25	27	32	48	3	232
FEMALE	1		1	2	2	5	7	23	15	20	25	27	20	25	28	1	202
TOTAL	2	1	1	3	7	10	12	34	33	39	56	52	47	57	76	4	434

Most frequent histology

Histological	CASES	%
Adenocarcinoma,NOS	134	30.88
Signet ring cell carcinoma	22	5.07
Epithelial tumor	9	2.07
Adenocarcinoma,intestinal type	6	1.38
Squamous cell carcinoma,NOS	5	1.15
Mucinous adenocarcinoma	2	0.46
Carcinoma,undifferentiated,NOS	1	0.23
Carcinoma,diffuse type	1	0.23
Spindle cell sarcoma	1	0.23
No histology	253	58.29

Histologically Verified
Cases %
 181 41.71

Table (55)
**Distribution by Age, Sex, and
 Histological Classification 2007**

MALIGNANT TUMORS SORTED BY MOROHOLOGY

Site: HODGKIN'S DISEASE

TOTAL	MALE	FEMALE
416	244	172

	0-4	5-9	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+	unknown	T
MALE	3	20	17	24	25	20	19	18	21	10	14	16	14	7	16		244
FEMALE	1	10	8	29	30	19	17	7	8	4	10	10	4	6	7	2	172
TOTAL	4	30	25	53	55	39	36	25	29	14	24	26	18	13	23	2	416

Most frequent histology

Histological	CASES	%
Hodgkin's disease,NOS	328	78.85
Hodgkin's disease,nodular sclerosis,NOS	45	10.82
H. disease,mixed cellularity	30	7.21
H. dis.,lymphocytic predominance,NOS	5	1.20
H. disease,lymphocyt. deplet.,NOS	3	0.72
H. dis.,nodular scler.,lymphocyt. predom.	3	0.72
Hodgkin's dis. lymphocytic pred. nod.	1	0.24
H. dis.,nodular scler.,lymphocyt. deplet.	1	0.24

Histologically Verified

Cases	%
416	100.00

Table (56)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: SKIN, OTHER

TOTAL	MALE	FEMALE
368	223	145

	0-4	5-9	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+	unknown	T
MALE	1	5	6	4	4	4	10	9	12	9	31	22	26	23	53	4	223
FEMALE	2	1		3	4	4	4	7	8	8	22	7	17	17	40	1	145
TOTAL	3	6	6	7	8	8	14	16	20	17	53	29	43	40	93	5	368

Most frequent histology

Histological	CASES	%
Squamous cell carcinoma,NOS	148	40.22
Basal cell carcinoma,NOS	129	35.05
Dermatofibrosarcoma,NOS	17	4.62
Kaposi's sarcoma	9	2.45
Sq. cell carc. ,ker. type,NOS	7	1.90
Basosquamous carcinoma	6	1.63
Carcinoma,undifferentiated,NOS	3	0.82
Adenocarcinoma,NOS	3	0.82
Merkel cell carcinoma	3	0.82
Epithelial tumor	2	0.54
Sweat gland adenocarcinoma	2	0.54
Fibrous histiocyoma	2	0.54
Basal cell carcinoma,morphea type	1	0.27
Adenoid cystic carcinoma,NOS	1	0.27
Sebaceous adenocarcinoma	1	0.27
Paget's disease,extramammary	1	0.27
Hemangiopericytoma	1	0.27
Peripheral neuroectodermal tumor	1	0.27
Primitive neuroectodermal tumor	1	0.27
No histology	30	8.15

Histologically Verified
Cases %
 338 91.85

Table (57)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: PROSTATE

TOTAL	MALE	FEMALE
270	270	0

	0-4	5-9	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+	unknown	T
MALE					1	1	4		4		11	18	47	39	143	2	270
FEMALE																	
TOTAL					1	1	4		4		11	18	47	39	143	2	270

Most frequent histology

Histological	CASES	%
Adenocarcinoma,NOS	96	35.56
Epithelial tumor	8	2.96
No histology	166	61.48

Histologically Verified Cases %

104 38.52

Table (58)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: LARYNX

TOTAL	MALE	FEMALE
319	231	88

	0-4	5-9	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+	unknown	T
MALE	1	2		1	1	2	2	5	10	10	42	18	58	26	49	4	231
FEMALE							1	1	4	12	12	20	18	4	14	2	88
TOTAL	1	2		1	1	2	3	6	14	22	54	38	76	30	63	6	319

Most frequent histology

Histological	CASES	%
Squamous cell carcinoma,NOS	194	60.82
Sq. cell carc. ,ker. type,NOS	10	3.13
Epithelial tumor	8	2.51
Carcinoma,undifferentiated,NOS	1	0.31
Giant cell and spindle cell carc.	1	0.31
Tumorlet	1	0.31
Small cell carcinoma,NOS	1	0.31
Verrucous carcinoma,NOS	1	0.31
Adenocarcinoma,NOS	1	0.31
No histology	101	31.66

**Histologically Verified
 Cases %**

218 68.34

Table (59)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: OVARY

TOTAL	MALE	FEMALE
261	0	261

	0-4	5-9	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+	unknown	T
MALE																	
FEMALE	2	1	8	13	22	15	13	22	29	27	36	23	16	12	18	4	261
TOTAL	2	1	8	13	22	15	13	22	29	27	36	23	16	12	18	4	261

Most frequent histology

Histological	CASES	%
Serous cystadenocarcinoma,NOS	25	9.58
Adenocarcinoma,NOS	24	9.20
Mucinous cystadenocarcinoma,NOS	17	6.51
Dysgerminoma	15	5.75
Papillary serous cystadenocarcinoma	14	5.36
Cystadenocarcinoma,NOS	10	3.83
Mucinous adenocarcinoma	10	3.83
Epithelial tumor	9	3.45
Granulosa cell tumor	9	3.45
Teratoma,NOS	7	2.68
Signet ring cell carcinoma	5	1.92
Embryonal carcinoma,NOS	3	1.15
Endodermal sinus tumor	3	1.15
Papillary adenocarcinoma,NOS	2	0.77
Papillary cystadenocarcinoma,NOS	1	0.38
Papillary serous cystadenoma,borderline	1	0.38
Carcinosarcoma,NOS	1	0.38
Brenner tumor	1	0.38
No histology	104	39.85

Histologically Verified

Cases	%
157	60.15

Table (60)
**Distribution by Age, Sex, and
 Histological Classification 2007**

Site: UTERUS UNSPECIFIED

TOTAL	MALE	FEMALE
223	0	223

	0-4	5-9	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+	unknown	T
MALE																	
FEMALE	1	1		3	3	4	10	36	23	20	29	28	26	12	25	2	223
TOTAL	1	1		3	3	4	10	36	23	20	29	28	26	12	25	2	223

Most frequent histology

Histological	CASES	%
Adenocarcinoma,NOS	50	22.42
Squamous cell carcinoma,NOS	20	8.97
Leiomyosarcoma,NOS	12	5.38
Epithelial tumor	11	4.93
Adenosquamous carcinoma	4	1.79
Endometrioid carcinoma	3	1.35
Carcinoma,undifferentiated,NOS	1	0.45
Soft tissue tumor	1	0.45
Adenosarcoma	1	0.45
Carcinosarcoma,NOS	1	0.45
No histology	119	53.36

Histologically Verified
 Cases %
 104 46.64

Childhood Cancer Registry

Table (61)

**Distribution of the Ten Main Cancers in Childhood Ranking
According to Frequency (0 – 14 Years of Age) 2007**

	SITE	TOTAL	MALE	FEMALE	% OF TOTAL
1-	Leukemia	406	234	172	37.04
2-	Brain	146	74	72	13.32
3-	Non –Hodgkin's Lymphoma	142	101	41	12.96
4-	Hodgkin's Disease	59	40	19	5.38
5-	Bone Other	57	32	25	5.20
6-	KIDNEY	51	30	21	4.65
7-	EYE	40	26	14	3.65
8-	SOFT TISSUES	29	19	10	2.65
9-	ADRENAL GLAND	17	8	9	1.55
10-	ILL DEFINED SITES	16	8	8	1.46
	Total Ten	963	572	391	87.86
	All Site	1096	655	441	100.00

Figure (26)

The Commonest Ten Cancers in Childhood (2007)

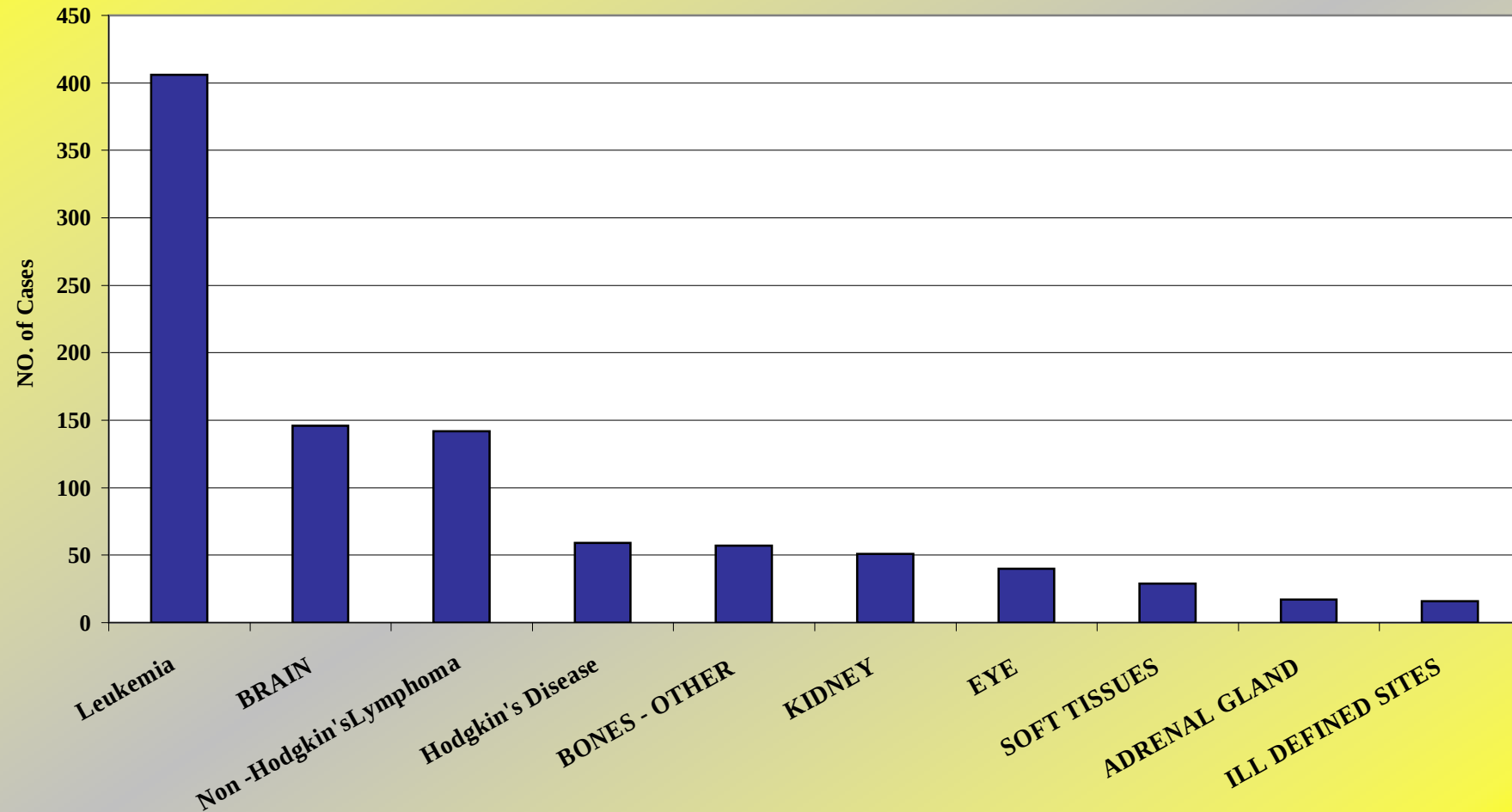


Table (62)
The Number Of New Cases of Childhood Cancer and Percentage of
Total By Primary Site, Age and Sex (2007)

MALE							FEMALE					
SITE	ICD0	0-4	5-9	10-14	total	%		0-4	5-9	10-14	total	total
TONGUE - OTHER	C02		1		1	0.15						0.00
PAROTID GLAND	C07					0.00				1	1	0.23
NASOPHARYNX	C11	1		1	2	0.31						0.00
STOMACH	C16	1	1		2	0.31		1		1	2	0.45
SMALL INTESTIN	C17					0.00			1		1	0.23
COLON	C18		1		1	0.15						0.00
LIVER	C22	2	2	4	8	1.22		2	1	1	4	0.91
PANCREAS	C25		1		1	0.15						0.00
OTHER DIGESTIVE ORGAN	C26					0.00				1	1	0.23
GLOTTIS / LARYNX	C32	1	2		3	0.46						0.00
BRONCHUS & LUNG	C34		1	2	3	0.46						0.00
HEART & MEDIASTINUM	C38	1		4	5	0.76		1			1	0.23
BONES - LIMBS	C40		5	11	16	2.44		1	1	8	10	2.27
BONES - OTHER	C41	1	5	10	16	2.44		3	6	6	15	3.40
BONE MARROW	C42	1	2	1	4	0.61			1	1	2	0.45
SKIN , MELANOMA	C43			1	1	0.15						0.00
SKIN	C44	1	5	6	12	1.83		2	1		3	0.68
NERVES	C47	3	1	1	5	0.76		2	1		3	0.68
PERITONEUM	C48		1		1	0.15		1			1	0.23
SOFT TISSUES	C49	13	3	3	19	2.90		7	1	2	10	2.27
BREAST	C50					0.00		1	1	1	3	0.68
CERVIX	C53					0.00				1	1	0.23
UTERUS UNSPECIFIED	C55					0.00		1	1		2	0.45
OVARY	C56					0.00		2	1	8	11	2.49
TESTIS	C62	8	2		10	1.53						0.00
KIDNEY	C64	24	4	2	30	4.58		15	5	1	21	4.76
BLADDER	C67	4	2		6	0.92						0.00
EYE	C69	20	4	2	26	3.97		11	1	2	14	3.17
MENINGES	C70					0.00		1			1	0.23
BRAIN	C71	16	19	20	55	8.40		11	29	18	58	13.15
NERVOUS SYSTEM	C72	15	1	3	19	2.90		8	2	1	11	2.49
THYROID	C73					0.00				2	2	0.45

SITE	ICD0	0-4	5-9	10-14	total	%		0-4	5-9	10-14	total	%
ADRENAL GLAND	C74	6	2		8	1.22		7	2		9	2.04
ENDOCRINE - OTHER	C75					0.00			1	1	2	0.45
NOS (Not Other Wise Specified)	C76	4	1	3	8	1.22		5	2	1	8	1.81
LYMPH NODES	C77			2	2	0.31			1		1	0.23
UNKNOWN	C80	2	4	6	12	1.83		3	3	4	10	2.27
Hodgkin's Disease		3	20	17	40	6.11		1	10	8	19	4.31
Non -Hodgkin, Lymphoma		32	42	27	101	15.42		13	19	9	41	9.30
PLASMACYTOMA				1	1	0.15						0.00
MULTIPLE MYELOMA			1	1	2	0.31						0.00
LEUKAEMIAS		76	82	76	234	35.73		68	62	42	172	39.00
M. M. & L. D.				1	1	0.15		1			1	0.23
TOTAL		235	215	205	655	100.00		168	153	120	441	100.00

L e u k e m i a I n I r a q

Table (63)**Distribution of Leukemia in Iraq by Year and Gender
(All Ages)**

Years	No. Of New Malignant Cases	No. Of Leukemia Cases	Male	Female	% Of Total
1991	5720	323	189	134	5.6
1992	8526	517	292	225	6.1
1993	8471	530	298	232	6.3
1994	7785	392	234	158	5.0
1995	7948	410	252	158	5.2
1996	8360	443	279	164	5.3
1997	8592	515	303	212	6.0
1998	9033	527	300	227	5.8
1999	8936	584	333	251	6.5
2000	10888	679	375	304	6.2
2001	13332	790	474	316	5.9
2002	13985	792	491	301	5.7
2003	11248	823	482	341	7.3
2004	14520	1392	796	596	9.6
2005	15172	964	635	429	6.35
2006	15226	1176	665	511	7.72
2007	14213	1226	677	549	8.6
Total	181955	12083	6975	5108	6.6

Figure (27)

Distribution Of Leukemia In Iraq By Years And Gender

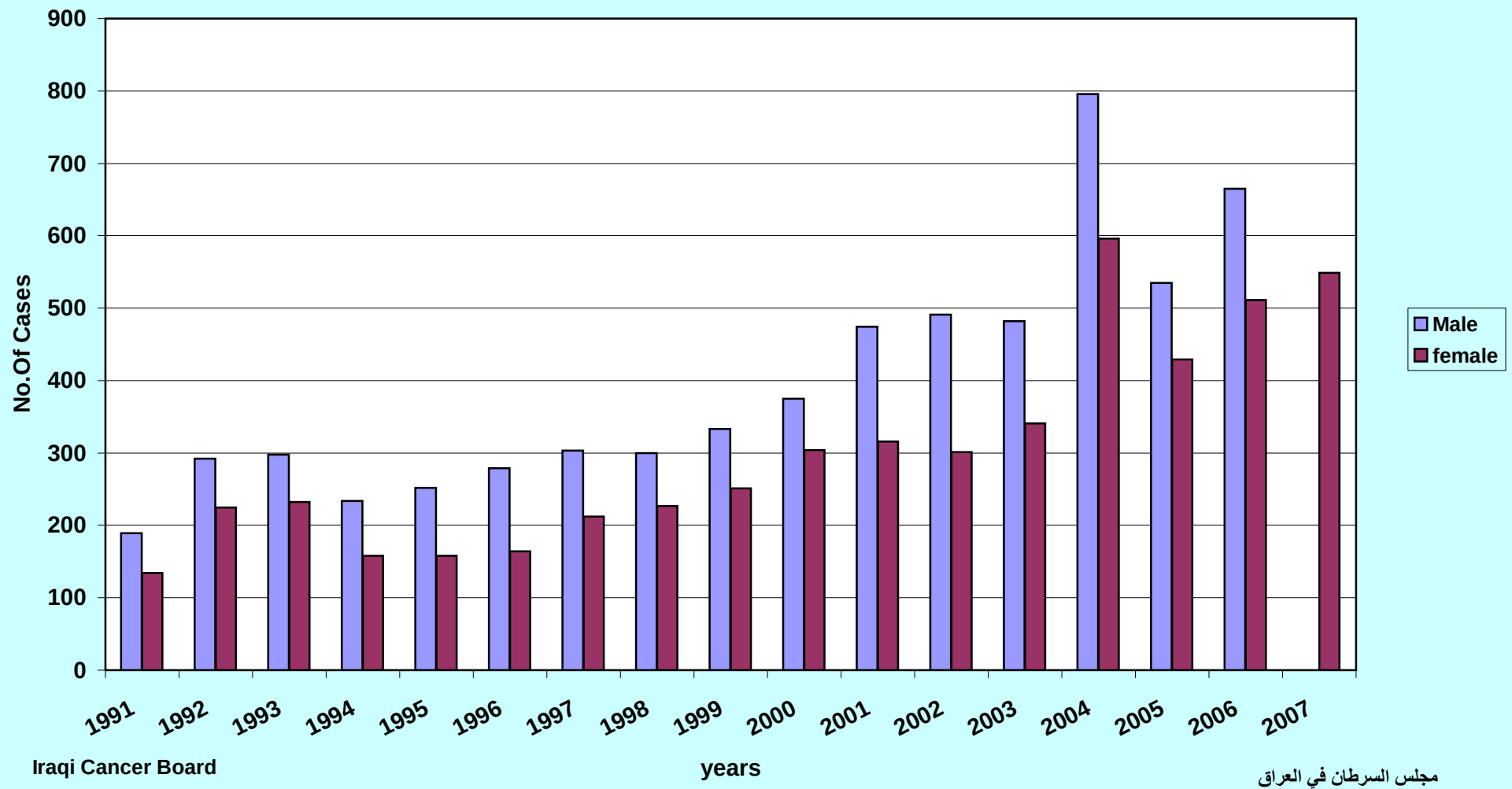
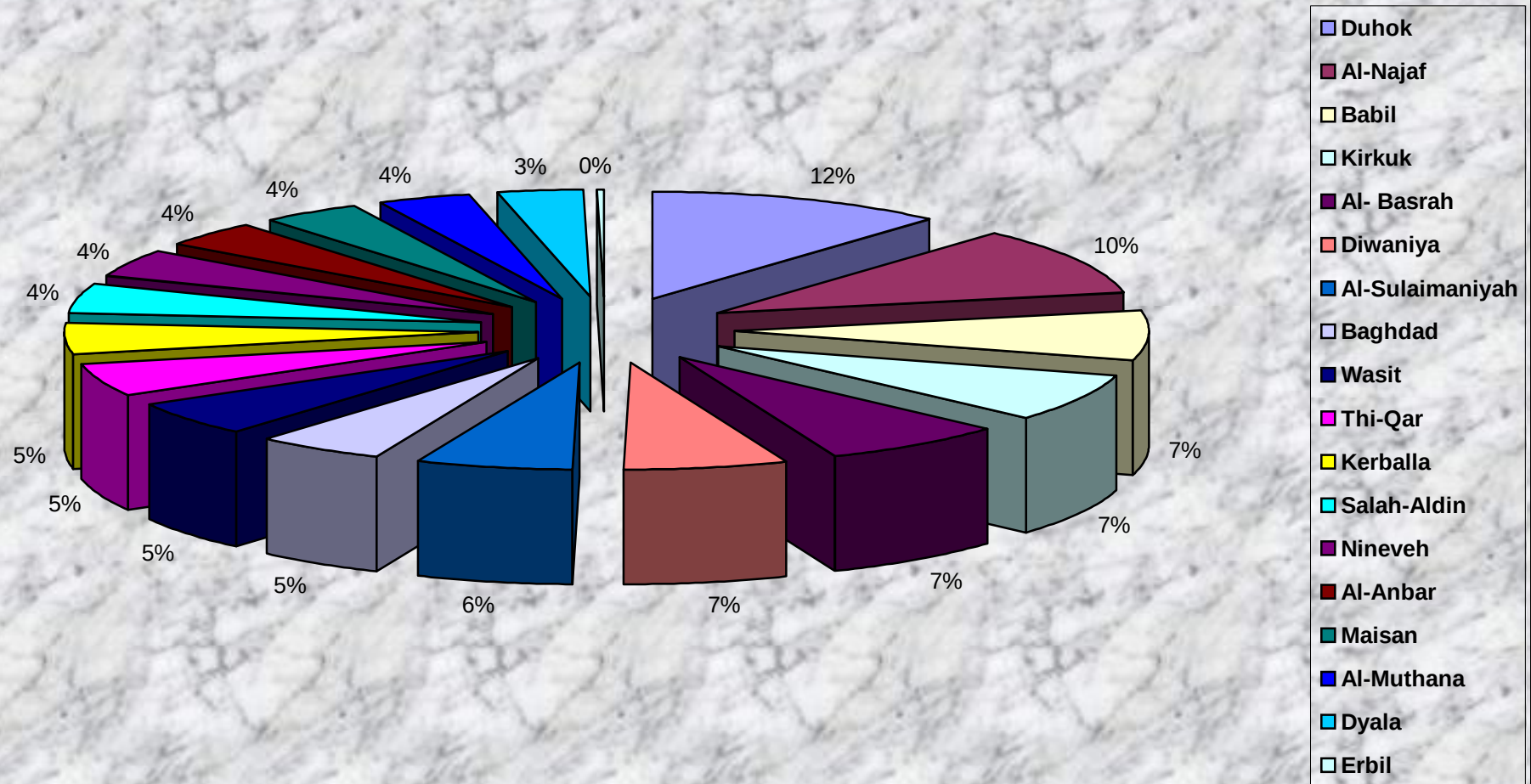


Table (64)
Percentage Distribution of Leukemia in All Provinces 2007

Province	Total Cases	No. of Leukemia cases	Leukemia %	Registered Cases of leukemia /100000 Pop.
Baghdad	3607	289	8.01	4.04
Nineveh	1016	89	8.75	3.17
Kirkuk	598	52	8.70	5.76
Al-Anbar	293	45	15.36	3.03
Salah-Aldin	288	41	14.24	3.44
Dyala	293	40	13.65	2.56
Kerballa	375	34	9.06	3.83
Al-Najaf	1117	87	7.78	8.05
Babil	922	96	10.41	5.81
Wasit	295	43	14.58	4.04
Misan	315	25	7.94	3.03
Diwaniya	618	51	8.25	5.15
Thi-Qar	572	62	10.84	3.84
Al- Basrah	1167	106	9.08	5.54
Al-Muthana	216	18	8.33	2.93
Al-Sulaimaniyah	538	89	16.54	4.70
Duhok	476	46	9.66	9.10
Erbil	616	4	0.65	0.26

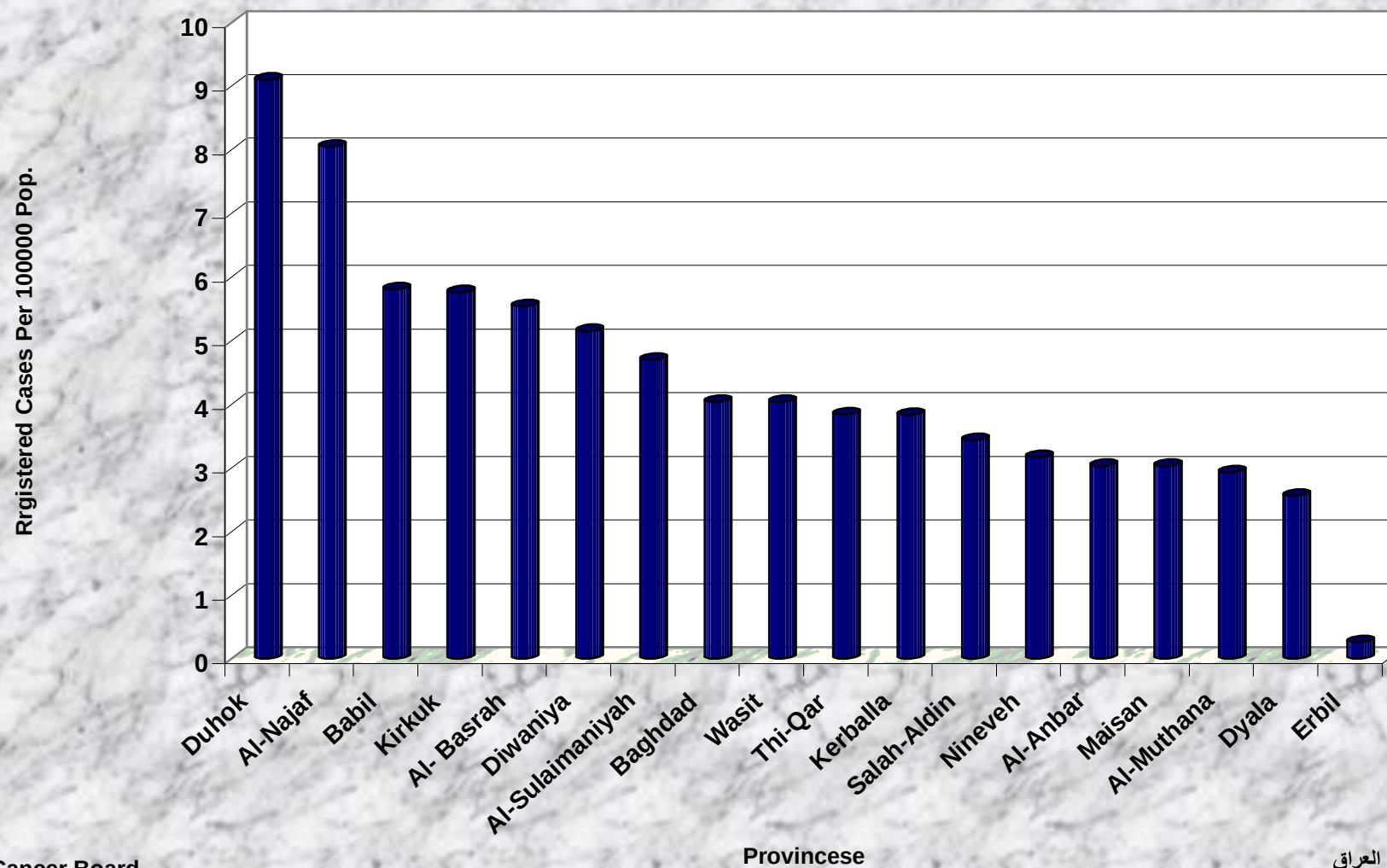
Figure (28)

Percentage Distribution of Leukemia in All Provinces 2008



Figuer A (28)

Incidence Rate of Leukemia Cases In Iraqi Provincese / 2007



Appendix

International Classification of Disease

ICD-O	Site
C00	Lip
C01	Tongue, base
C02	Tongue, other
C03	Gum
C04	Mouth, floor
C05	Mouth, palate
C06	Mouth, other
C07	Parotid gland
C08	Salivary glands, other
C09	Tonsil
C10	Oropharynx
C11	Nasopharynx
C12	Pyriform sinus
C13	Hypopharynx
C14	Other Lip, Oral, Pharynx
C15	Oesophagus
C16	Stomach
C17	Small intestine
C18	Colon
C19	Rectosigmoid junction
C20	Rectum
C21	Anus & anal canal
C22	Liver & bile ducts
C23	Gallbladder
C24	Biliary tract, other
C25	Pancreas
C26	Other digestive organs
C30	Nasal cavity, middle ear
C31	Accessory sinuses
C32	Larynx
C33	Trachea
C34	Bronchus & lung
C37	Thymus

C38	Heart, mediast. pleura
C39	Other respir. & thoracic
C40	Bone & cartilage, limbs
C41	Bone & cartilage, other
C42	Bon Marrow (for leukemia, see below)
C43	Skin, melanoma
C44	Skin, other
C47	Nerves, periferal & ANS
C48	Peritoneum & Retroperit.
C49	Other connect./soft tisseues
C50	Breast
C51	Vulva
C52	Vagina
C53	Cervix uteri
C54	Corpus uteri
C55	Uterus unspecified
C56	Ovary
C57	Female genital, other
C58	Placenta
C60	Penis
C61	Prostate
C62	Testis
C63	Male genital, other
C64	Kidney, not renal pelvis
C65	Renal pelvis
C66	Ureter
C67	Bladder
C68	Urinary organs, other
C69	Eye & adnexa
C70	Meninges
C71	Brain
C72	Nervous system, other
C73	Thyroid gland
C74	Adrenal gland
C75	Endocrine glands, other
C76	Unspecified sites
C77	Lymph Nodes
C80	Unknown primary site