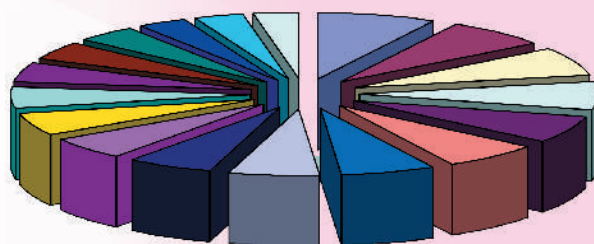
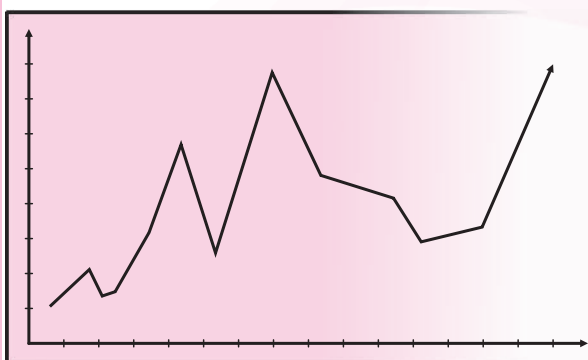




Republic of Iraq
Ministry of Health
Cancer Board



2010 Iraqi Cancer Registry



**REPUBLIC OF IRAQ
MINISTRY OF HEALTH**

**IRAQI CANCER REGISTRY
2010**

**IRAQI CANCER BOARD
IRAQI CANCER REGISTRY CENTER**

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BAGHDAD - IRAQ

2012

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Iraqi Cancer Registry Center Publications:

We Have Many Published Reports & Results of Iraqi Cancer Registry Every Year Since 1976

- 1. Results of Iraqi Cancer Registry
2005, 2006, 2007, 2008 & 2009
Ministry of Health, Iraqi Cancer Board
Baghdad**
- 2. Results of Iraqi Cancer Registry
2010
Ministry of Health, Iraqi Cancer Board
Baghdad**

Introduction

Iraq is one of the first countries in the Middle East region which gave special attention to cancer special programs including the establishment of cancer registration in 1976.

After the increase in cancer incidence rate, it became essential to set studies and researches in a categorized pattern and make a persistent evaluation for the cancer issue in a detailed and scientific manner to make a thorough strategy to control it. That lead to the establishment of the Iraqi cancer board in 1985 to face cancer issues which is among the health problems in the country.

Iraqi cancer Board is the leading central representative of the ministry of health responsible for planning, supervising and implementing cancer control projects. The leadership of the MOH and the cancer board represented by H.E. Minster of Health, chairman of Iraqi Cancer Board and Technical deputy of MOH, the vice chairman of Iraqi cancer board , gave special attention to the support of cancer registration program through the development of the employers skills, updating working criteria and matching of the programs to the most advanced updated criteria to the international aspects , and that was clearly reflected on the annuals editions of the cancer registry including the latest one.

Cancer registry is one of the most important programs that covers clearly the epidemiology of this disease and is a part of the health information system (a process of continuous and organized collecting and categorizing of information about all cancer cases to reach a survey about the occurrence, patterns and stages of cancer in society , and that is to be achieved by recording all the numbers of cases and their percentages in all the provinces and the most common types of cancer with their distribution among genders and the age groups).

Cancer is one of the main challenges and problems for health world wide...

According to Global cancer Statistics 2010, there were 13 million new cases, 7 million deaths, and 25 million people living with cancer

The production of the seventeenth edition of the cancer registry (year 2010) would not have fulfilled without the great efforts of the team work in the cancer board and the cancer control sections in the MOH.

Iraqi Cancer Board while presenting this addition , wish it to be of a great help for all our doctors, researchers and all who are involved in the statistical field using the data mentioned all to sum the efforts for the eradication of cancer in our beloved Iraq.

Thanks to all who contributed in this projectGod bless us

Iraqi Cancer Board

Iraqi Cancer Registry Team (2010)

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-Dr. Manahil Al – mukhtar	Executive Manager of Iraqi cancer Board
-Dr. Heyem Muzahim	Manager of Cancer Registry Section
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- Khitam Jasim	Chief Statisticians
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- Joolan Salih	Observer Assistant
- Shakir Hmood	Medical Assistant
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- Dr. Ahlam Hadi	Oncologist Doctor
- Dr. Reghed Majid	Pediatrician Doctor
- Dr. Ghaith Themeen Selloomi	Specialist Oral Surgeon

Objectives of IRAQI Cancer Registry:

To define the size of the cancer problem and pattern of cancer occurrence in Iraq.
To provide data on cancer for epidemiological and clinical studies.
To make data of cancer incidence and prevalence available for use by health planners and professionals in order to plan for cancer prevention, control and management in a cost effective manner.

Vision:

To meet the highest attainable international standards in cancer registration, surveillance and Control.

Mission:

To register all cancer cases reported in various health institutions in Iraq and to avail the data and /or information gathered for policy development and support in cancer research, treatment, control ,prevention, and surveillance.

Data variables:

The number of assessment variables used by Iraqi cancer registry is based on the international standard variables for all cancer registries. They are various formats that may used. Iraqi cancer registry uses standards provided by the International Agency for Research on Cancer (IARC).which include:

- 1- Patients details: first name ,father's name ,family name, mother's name sex, age/date of birth, nationality ,address, address detail & occupation.
- 2- Tumor : diagnosis date , basis of diagnosis , primary site /topography (ICD-O) code, histology/morphology (ICD-O) code, behavior ,grade and stage at diagnosis
- 3- Treatments : initial and subsequent treatments surgery ,radiotherapy, chemotherapy, hormonal therapy & immunotherapy.
- 4- Sources of data: hospital and path. Lab. / facility code number abstractor and date.
- 5- Follow up : patient status (alive or dead) , last contact with physician/ health care provider or if dead – date of death and cause of death.

Classification and Coding:

The primary site (topography) and histology (morphology) of the malignancies are identified and coded according to the International Classification of Diseases for Oncology third Edition (ICDO- 3), published by the World Health Organization (WHO), 2000.

Data Analysis:

The computer software program used for data entry and incidence tables output is CanReg 4 ,developed by the International Agency for Research on Cancer, (IARC) Lyon, France ,this software has a duplicate entry checking facility. Validity checks are performed for consistency between items:

Site/histology, gender/site and age/site/histology combinations by CanReg4.Epi-info and other statistical programs were used for further analysis by the Iraqi cancer registry staff.

Population:

The estimated population of Iraq in 2010 was (32489972) of these (16561035) were males and (15928937) were females.

Source: (Estimated Population of Iraq in 2010 by age group &gender from Ministry of Planning / Central statistical Organization) .

About (4689699) of the population is under 5 years old, and (13186118) of the population is under 15 years old. Only (938612) of the total population is above the age of 65 years old.

Table (1) show age distribution and gender of Iraqi population, in 2010.

Table (2) shows the population distribution of Iraqis by governorates which is used to calculate Incidence rates for cancer by governorates.

Age and Gender:

A total of (18482) new cases of cancer were recorded among Iraqis in year 2010, of these(8544) cases were males with incidence rate about 51.59/100000 pop. And (9938) cases were females with incidence rate about 62.39/100000 pop..

The highest incidence rate of all newly registered male cases (607.49/100000 pop.) occurred in the age group (70)years and above, and the highest incidence rate of female cases (480.72/100000pop.) were occurred in the age group (70) years and above .

The lowest incidence rate of all newly registered male cases (8.54/100000 pop.) Occurred in age group (10-14) years while the lowest incidence rate of female cases (7.33/100000 pop.) were occurred in age group(5-9) years, as in table (4) and figure(2).

Foreword:

It is my pleasure to present to you the 17th annual report of the Iraqi Cancer Registry 2010, depicting the trends and characteristics of cancer in Iraq and clarifying many misconceptions, while providing informative and reliable data to help shape policy at the national level.

Cancer has become a major public health issue in Iraq and its burden continues to grow while our population is growing still without having embraced healthy lifestyles that may help prevent many non-communicable diseases such as cancer.

The data presented in this report provide our colleagues with information on the epidemiology of cancer in Iraq and its distribution by site, gender, age groups in all governorates. It also serves to assist researchers, cancer experts, and policymakers in identifying priorities for developing cancer control plans, national strategies and programs for cancer screening early detection and prevention programs, and will also prove useful when planning for diagnostic and treatment services.

appreciate the efforts of all who involved in ensuring high quality data
Collection, analysis and interpretation of data, and ensure its quality through
The implementation of quality control procedures.

Acknowledgment:

The Iraqi Cancer Registry operates within the Ministry of Health, however it relies on the cooperation of a large number of hospitals in all health directorates and clinicians to provide it with the vital information required to succeed.

We would like to thank clinicians, hospitals and pathology laboratories for their continued support.

The valued support of the focal points in all hospitals and laboratories is also appreciated. The Interactions between the registry and its stakeholders are very positive and greatly appreciated.

The dedicated hard work during the process of data collection and data entry of the staff in the cancer control unites in each health directorates.

We would like to thank our focal points personals in all hospitals and laboratories for the timely collection and submission of cancer patient's data to the Iraqi Cancer Registry.

Geography:

The Republic of Iraq is located in the south-west of Asia, to the north-East of the Arab homeland, bounded on the North by Turkey, on the East by Iran ,on the South by Arab Gulf, Kuwait& Saudi Arabia, and on the West by Syria ,Jordan &Saudi Arabia. The highest the proportion of the length of Iraq's borders with neighboring countries is with Iran about(37.6%) followed by Saudi Arabia about(23.5%).

Iraq has occupied an area of 435,052 square kilometers, the province of AL-Anbar the highest area, reaching to 31.7%, followed by AL Muthana province by 11.9% of the area of Iraq and Nineveh province reaching 8.6% of the area of Iraq.

(the source Environmental statistics in Iraq Report 2009)

The surface section of Iraq consist of deserts which is about 38,7% ,then the plains including (marshes and lakes) include about 30,5% of the area ,mountains which is occupied about 21, 1% of the area and terrain lands which occupies about 9,7% of the surface area of Iraq.

Source: General Directorate of Survey

Note:

**** Haw To Calculate Incidence Rate:**

$$1 - \text{Incidence Rate} = \frac{\text{No. of new cancer cases}}{\text{Population at risk}} \times 100000$$

$$2 - \text{Agespeccific incidence rate} = \frac{\text{Na of new cancer of males in (age group) years of age}}{\text{Na of pupulation of males in (age group) years of age}} \times 10000$$

Annual Number of New Cases 2010

TABLE (1)

Population of Iraq By Age Group and Gender (2010)

Age Group	Males	Females	Total
0 - 4	2418939	2270760	4689699
5 - 9	2346281	2142304	4488585
10-14	2072375	1935459	4007834
15-19	1826304	1716459	3542763
20-24	1553342	1438944	2992286
25-29	1295655	1205716	2501371
30-34	1049478	1104069	2153547
35-39	984838	969049	1953887
40-44	852429	841728	1694157
45-49	623703	668035	1291738
50-54	403877	445155	849032
55-59	399666	426535	826201
60-64	262919	297341	560260
65-69	175586	184473	360059
70 +	295643	282910	578553
Total	16561035	15928937	32489972

Source:

Estimated Population of IRAQ in (2010) by Age Group and Gender
from Ministry of Planning / Central Statistical Organization

TABLE (2)

Population of Iraq By Provinces (2010)

Provinces	Population
Baghdad	6878039
Nineveh	3187945
Kirkuk	1360442
Al-Anbar	1521829
Salah-Alden	1372453
Dyala	1406592
Kerballa	1039640
Al-Najaf	1253084
Babil	1774539
Wasit	1179987
Misan	946981
Al-Diwanyia	1105604
Thi-Qar	1789789
Al-Basrah	2468328
Al-Muthana	700819
Al-Sulaimaniyah	1831560
Duhok	1100187
Erbil	1572154
TOTAL	32489972

Source:

Estimated Population of IRAQ in (2010) by Provinces

From Ministry of Planning / Central Statistical Organization.

Table (3)

The Annual Number of New Cancer Cases
In Iraq (1991 – 2010)

years	No. of New Cases Registered	Registered Cases /10 ⁵ pop	Male		Female	
			No.	%	No.	%
1991	5720	31.05	3125	54.63	2595	45.37
1992	8526	44.99	4735	55.54	3791	44.46
1993	8471	43.49	4632	54.68	3839	45.32
1994	7785	38.91	4230	54.34	3555	45.66
1995	7948	44.69	4344	54.66	3604	45.34
1996	8360	45.69	4466	53.42	3894	46.58
1997	8592	45.67	4521	52.62	4071	47.38
1998	9033	45.74	4774	52.85	4259	47.15
1999	8936	43.95	4556	50.98	4380	49.02
2000	10888	52.00	5376	49.38	5512	50.63
2001	13332	61.83	6758	50.69	6574	49.31
2002	13985	62.97	6964	49.80	7021	50.20
2003	11248	49.17	5698	50.66	5550	49.34
2004	14520	61.63	7525	51.83	6995	48.17
2005	15172	54.26	7505	49.47	7667	50.53
2006	15226	52.84	7377	48.45	7849	51.54
2007	14213	47.88	6656	46.83	7557	53.16
2008	14180	44.46	6589	46.47	7591	53.53
2009	15251	48.16	7201	47.22	8050	52.78
2010	18482	56.89	8544	46.23	9938	53.77
Total	229868	---	115576	50.28	114292	49.72

From (1991 - 1994) and (2005- 2010) Included Kurdistan Region
From (1995 Till 2004) Except Kurdistan Region

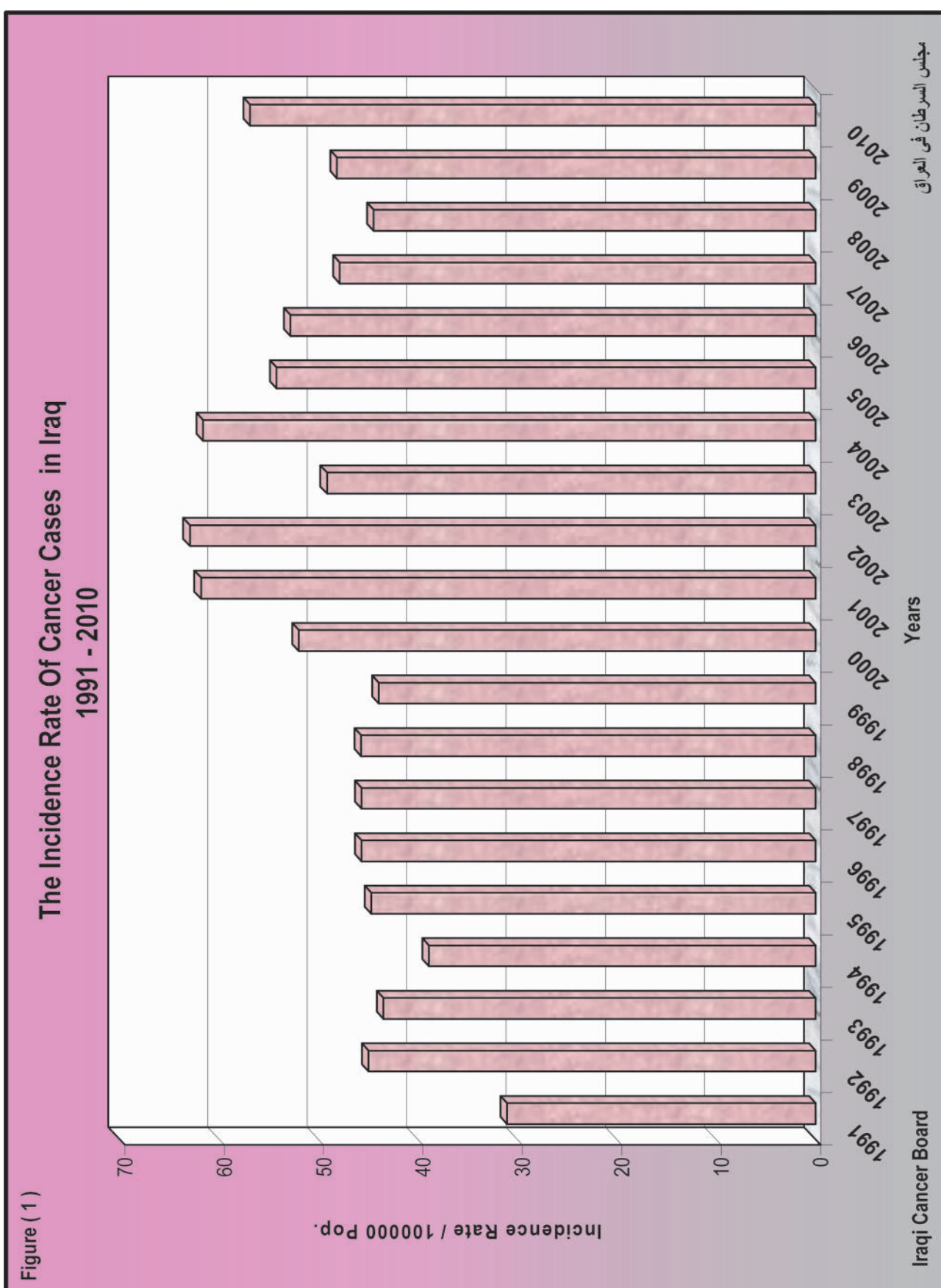
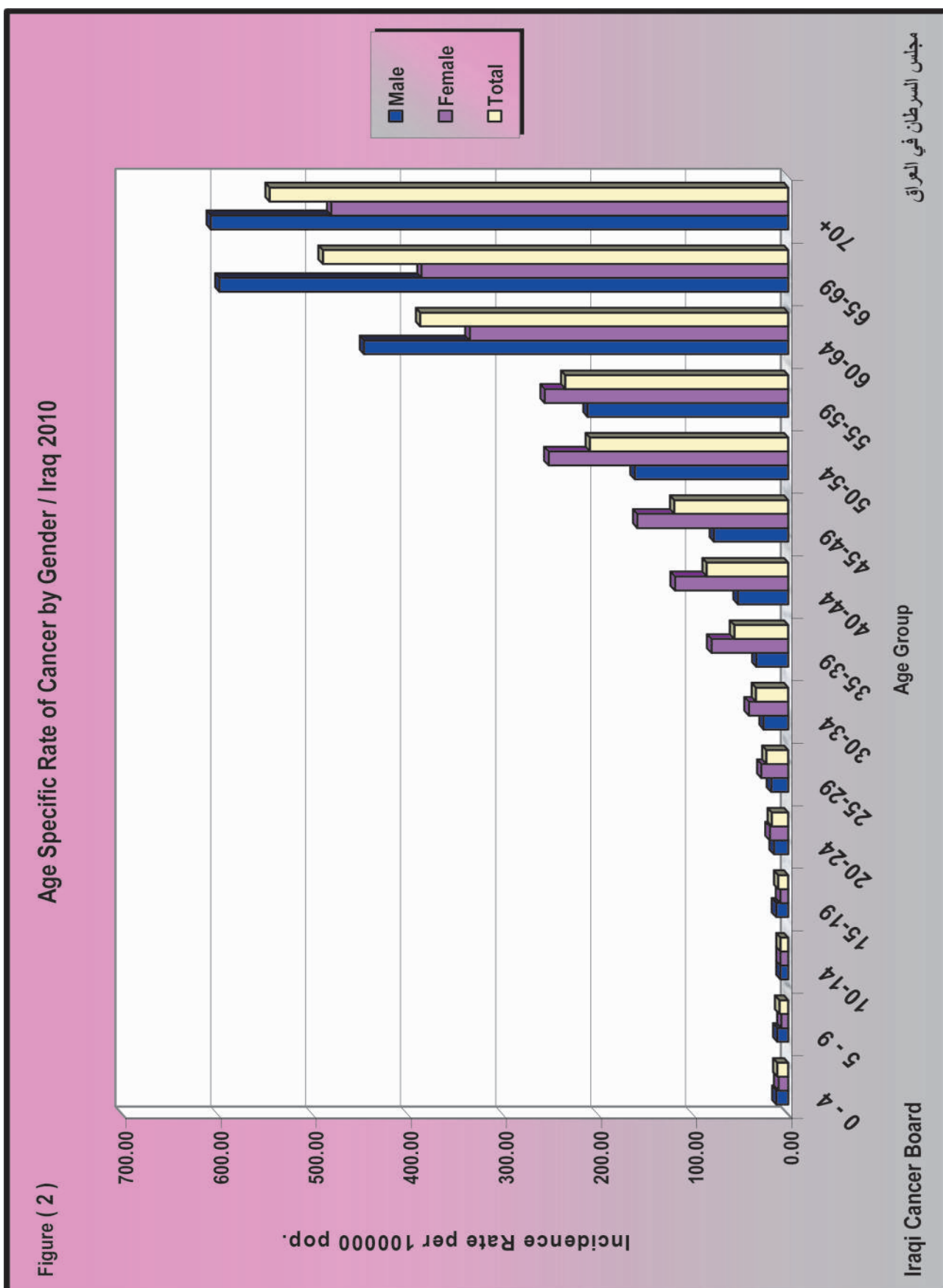


Table (4)
Cancer Age-Specific Incidence Rate (ASIR) per 100.000 Populations; by
Gender –Iraq 2010

Age Group	Males		Females		Total	
	No. of Cases	Incidence Rate	No. of Cases	Incidence Rate	No. of Cases	Incidence Rate
0 - 4	306	12.65	239	10.53	545	11.62
5 - 9	271	11.55	157	7.33	428	9.54
10 - 14	177	8.54	162	8.37	339	8.46
15 - 19	238	13.03	149	8.68	387	10.92
20 - 24	240	15.45	282	19.60	522	17.44
25 - 29	235	18.14	345	28.61	580	23.19
30 - 34	273	26.01	460	41.66	733	34.04
35 - 39	332	33.71	784	80.90	1116	57.12
40 - 44	454	53.26	1003	119.16	1457	86.00
45 - 49	489	78.40	1063	159.12	1552	120.15
50 - 54	653	161.68	1122	252.05	1775	209.06
55 - 59	845	211.43	1094	256.49	1939	234.69
60 - 64	1173	446.15	997	335.31	2170	387.32
65 - 69	1051	598.57	712	385.96	1763	489.64
70+	1796	607.49	1360	480.72	3156	545.50
unknown	11	----	9	----	20	----
ALL	8544	51.59	9938	62.39	18482	56.89



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

Table (5)

The Commonest Ten Cancers by Site / IRAQ / 2010

PRIMARY SITE	NO. OF CASES	MALE	FEMALE	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- Breast	3540	76	3464	19.15	10.90
2- Bronchus and Lung	1598	1194	404	8.65	4.92
3- Leukemia*	1302	715	587	7.04	4.01
4 -Urinary Bladder	1101	827	274	5.96	3.39
5- Brain and Other CNS**	1072	593	479	5.80	3.30
6- Colorectal	973	541	432	5.26	2.99
7- Non –Hodgkin Lymphomas***	953	541	412	5.16	2.93
8- Skin	735	404	331	3.98	2.26
9- Stomach	592	341	251	3.20	1.82
10- Hodgkin Lymphoma	514	291	223	2.78	1.58
Total Ten	12380	5523	6857	66.98	38.10
All Sites	18482	8544	9938	100.00	56.89

Estimated Population In Iraq (2010): (32489972)

* Leukemia Includes
 Acute Leukemia
 Chronic Leukemia
 Lymphoid Leukemia
 Myeloid Leukemia
 Other Leukemias

** Brain & Other CNS Includes:
 Benign & Malignant Tumors of the Brain, Cerebellum, Brain Stem, Meninges, Spinal Cord,
 And other sites

*** Non –Hodgkin Lymphomas Include: (Nodal & Extra nodal origin)

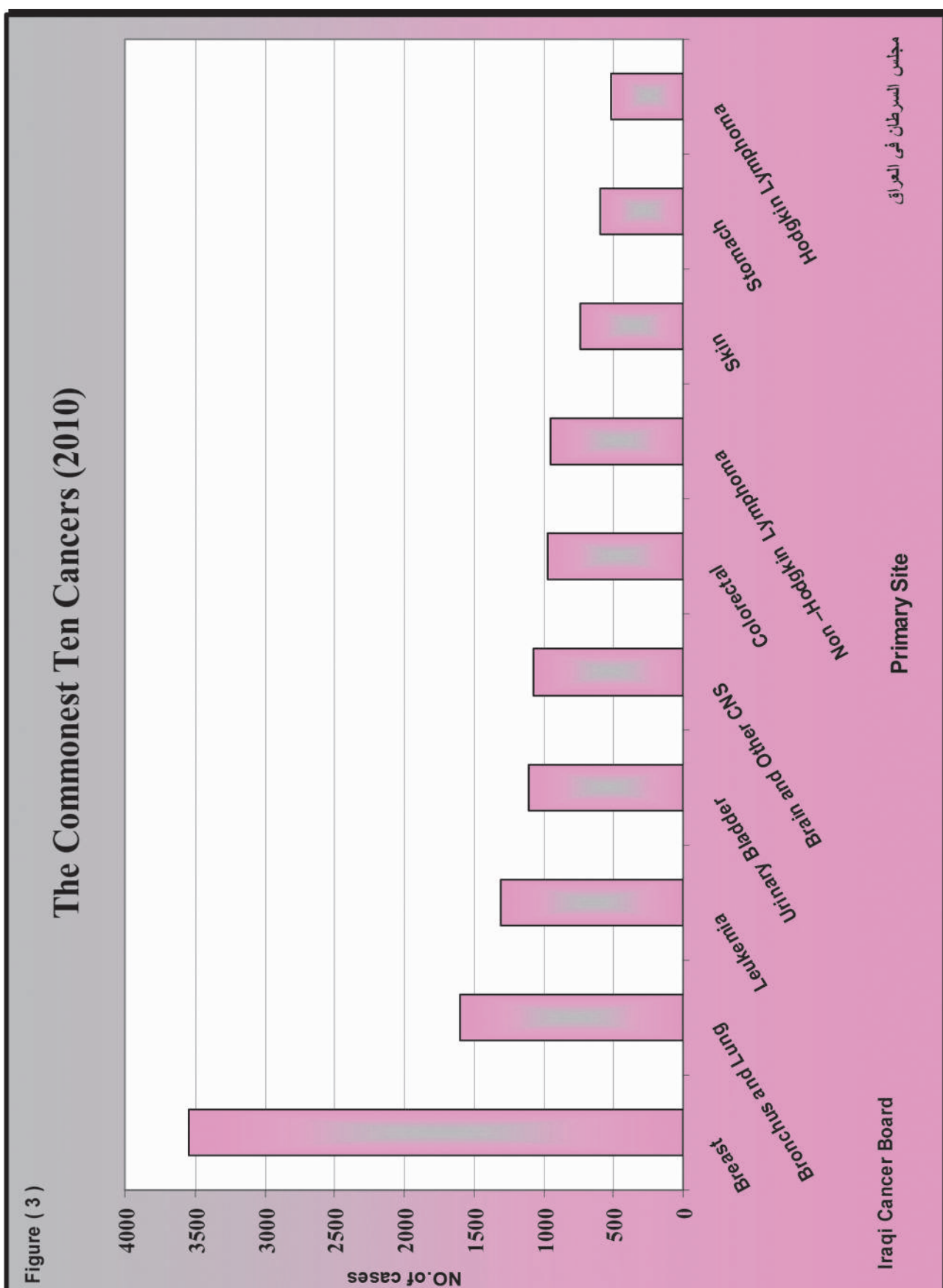


Table (6)

The Commonest Ten Cancers by Site in Males / IRAQ / 2010

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1- Bronchus and Lung	1194	13.97	7.21
2- Urinary Bladder	827	9.68	4.99
3- Leukemia	715	8.37	4.32
4- Brain and Other CNS	593	6.94	3.58
5- Colorectal Cancer	541	6.33	3.27
6- Non-Hodgkin Lymphoma	541	6.33	3.27
7- Prostate	428	5.01	2.58
8- Skin	404	4.73	2.44
9- Stomach	341	3.99	2.06
10- Hodgkin Lymphoma	291	3.41	1.76
Total Ten	5875	68.76	35.47
All Sites	8544	100.00	51.59

Estimated Male Population in Iraq 2010: (16561035)

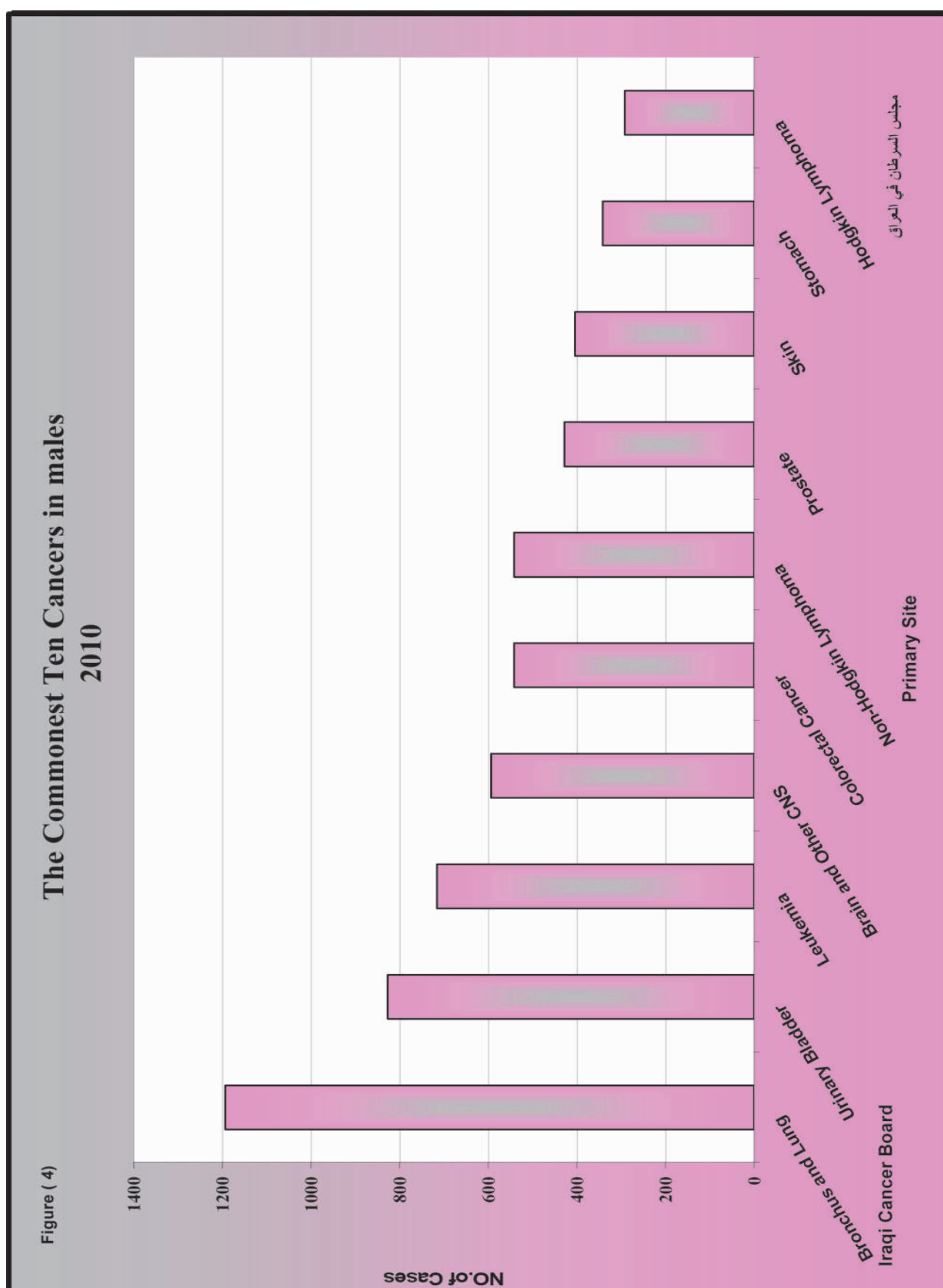


Table (7)

The Commonest Ten Cancers by Site in Females / IRAQ / 2010

PRIMARY SITE	NO. OF CASES	% OF TOTAL	REGISTERED CASES /10 ⁵ POP.
1-Breast	3464	34.86	21.75
2- Leukemia	587	5.91	3.69
3- Brain and Other CNS	479	4.82	3.01
4- Colorectal Cancer	432	4.35	2.71
5- Non-Hodgkin Lymphoma	412	4.15	2.59
6- Bronchus and Lung	404	4.07	2.54
7- Ovary	391	3.93	2.45
8- Thyroid Gland	341	3.43	2.14
9- Skin	331	3.33	2.08
10- Urinary Bladder	274	2.76	1.72
Total Ten	7115	71.59	44.67
All Sites	9938	100.00	62.39

Estimated Female Population in Iraq 2010: (15928937)

**The Commonest Ten Cancers in females
2010**



Figure (5)

Table (8)
Age Specific Incidence Rate for Top Ten Cancers
Iraq - 2010

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	0.00	0.08	0.10	0.71	0.70	1.44	2.72	2.25	3.80	6.83	3.38	0.46
	F	0.00	0.00	0.00	0.00	1.81	5.89	15.49	38.08	62.49	86.22	114.79	95.19	106.28	108.42	103.21	21.75
Bronchus & Lung	M	0.00	0.00	0.00	0.00	0.32	0.39	0.29	1.62	4.58	9.46	20.30	36.78	100.79	129.28	117.03	7.21
	F	0.00	0.00	0.00	0.00	0.42	0.33	0.27	0.93	1.90	4.19	8.54	11.49	21.52	33.07	44.54	2.54
Leukemia	M	4.42	3.71	2.75	3.50	2.38	2.47	2.48	3.05	3.64	3.85	7.68	9.26	14.07	21.64	26.04	4.32
	F	4.93	3.08	2.43	2.04	2.43	1.74	1.63	3.20	3.92	4.64	5.84	7.03	11.77	5.96	19.79	3.69
Urinary Bladder	M	0.08	0.00	0.05	0.05	0.26	0.23	1.24	1.02	2.82	6.73	15.10	23.27	57.05	85.43	92.34	4.99
	F	0.00	0.05	0.00	0.00	0.21	0.25	0.63	1.03	0.83	1.50	4.94	6.80	19.51	20.60	30.40	1.72
Brain & Other CNS	M	1.57	2.30	1.64	1.31	1.67	1.93	3.05	4.26	5.28	6.89	13.37	11.51	17.12	17.09	17.93	3.58
	F	1.23	1.26	1.91	1.11	0.76	2.32	2.45	4.23	4.40	4.79	11.23	9.38	10.76	12.47	16.61	3.01
Colorectal	M	0.00	0.00	0.00	0.00	1.29	1.16	3.05	3.55	5.04	7.05	14.36	15.76	27.00	39.30	30.44	3.27
	F	0.00	0.00	0.00	0.06	0.63	1.16	1.54	2.68	5.46	5.99	8.99	14.07	21.52	22.77	25.45	2.71
N. H. Lymphoma	M	2.03	1.92	0.92	1.26	2.00	1.54	2.76	2.64	4.34	4.33	10.89	12.26	19.40	22.21	17.59	3.27
	F	0.92	0.79	0.52	0.58	1.04	1.58	1.45	3.20	3.68	3.89	10.78	11.02	11.10	13.55	22.27	2.59
Skin	M	1.24	0.43	0.48	0.55	1.29	3.09	12.39	14.22	25.81	38.48	94.09	95.08	315.69	267.68	382.22	2.44
	F	0.09	0.19	0.21	0.29	0.42	0.66	0.54	1.24	2.38	2.40	9.43	7.50	13.12	15.72	37.47	2.08
Stomach	M	0.00	0.04	0.05	0.11	0.19	0.54	0.67	1.42	3.17	4.17	7.43	9.51	18.64	25.06	31.12	2.06
	F	0.00	0.00	0.00	0.06	0.14	1.08	1.00	2.27	2.38	3.29	4.94	6.10	9.08	13.55	21.21	1.58
Hodgkin Lymphoma	M	0.50	1.45	1.01	1.81	2.38	2.39	2.29	2.64	2.23	0.96	3.71	2.00	2.66	5.13	3.04	1.76
	F	0.13	0.19	0.72	1.11	3.13	2.90	1.54	1.86	1.54	1.80	2.25	2.11	4.04	1.63	3.18	1.40

Breast Cancer (C50):

There were (3540) cases of breast cancer in both genders accounting for 19.15% of all newly diagnosed cancer cases. Of them (3464) cases were among females and (76) cases among males.

It is the most common cancer in Iraq, it ranks the first in all the years from 1986 -2010.

.It is also the most common cancer among females with incidence rate about (21.75) per 100,000 female population in 2010, compared to (16.65) per 100,000 female population in 2008.

Age specific incidence rate of breast cancer about 114.79/100000 female pop. were in the age group(50-54) years , followed by 108.42/100000 female pop. were in the age group between (65-69) years, while the highest incidence rate 99.23/100,000 female pop. was found in the age-group(45-49)years , followed by 92.26 /100,000 female pop .in the age group(60-64) years in 2009.

Histopathological distribution of female breast cancers showed that 58.56% % were infiltrating duct carcinoma ,6. 47% Intraductal papillary adenocarcinoma, 3.79% were lobular carcinoma ,adenocarcinoma 2.40 % , and the remaining were other types of morphology as shown in table(51) .

Lung and Bronchus Cancer (C34):

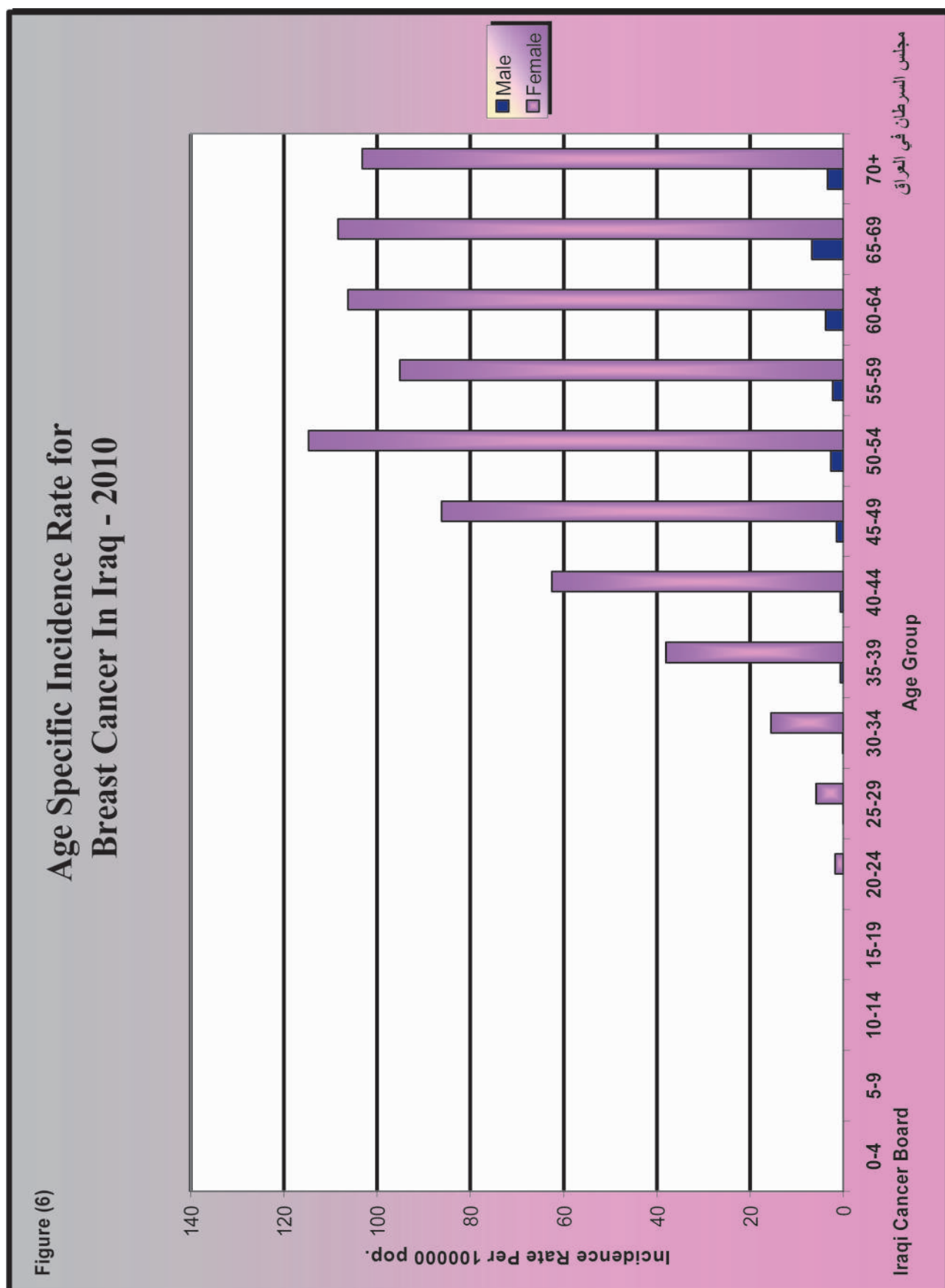
There were (1598) cases of lung cancer accounting for (8.65%) of all newly diagnosed cancer cases in 2010. Lung cancer affected(1194) with (13.97 %) males and(404) with (4.07%) females.

It ranked the second commonest cancer after breast with incidence rate about 4.92 /100,000 population, but it is the first cancer among males with incidence rate about 7.21 /100,000 population ,like the incidence rate in 2009 which is about 7.23/100,000 population.

The highest Age-Specific Incidence Rate in males was observed in the age group(65-69) years in 2010 which is about 129.28/ 100,000 population, followed by the age group 70 years and above which is about 117.03/ 100,000 population .

while the highest Age Specific Incidence Rate in females was observed in the age group 70 years and above in 2010 which is about 44.54/ 100,000 population followed by the age group (65-69) years which is about 33.07/ 100,000 population .

Histological types of lung cancer are shown in table (52) .It was found that the most common types of cancer was squamous cell carcinoma constitute about 25.47% , adenocarcinoma constitute about 10.45% , Bronchiolo-alveolar adenocarcinoma constitute about 7.01%, and small cell carcinoma accounted about 6.88% .



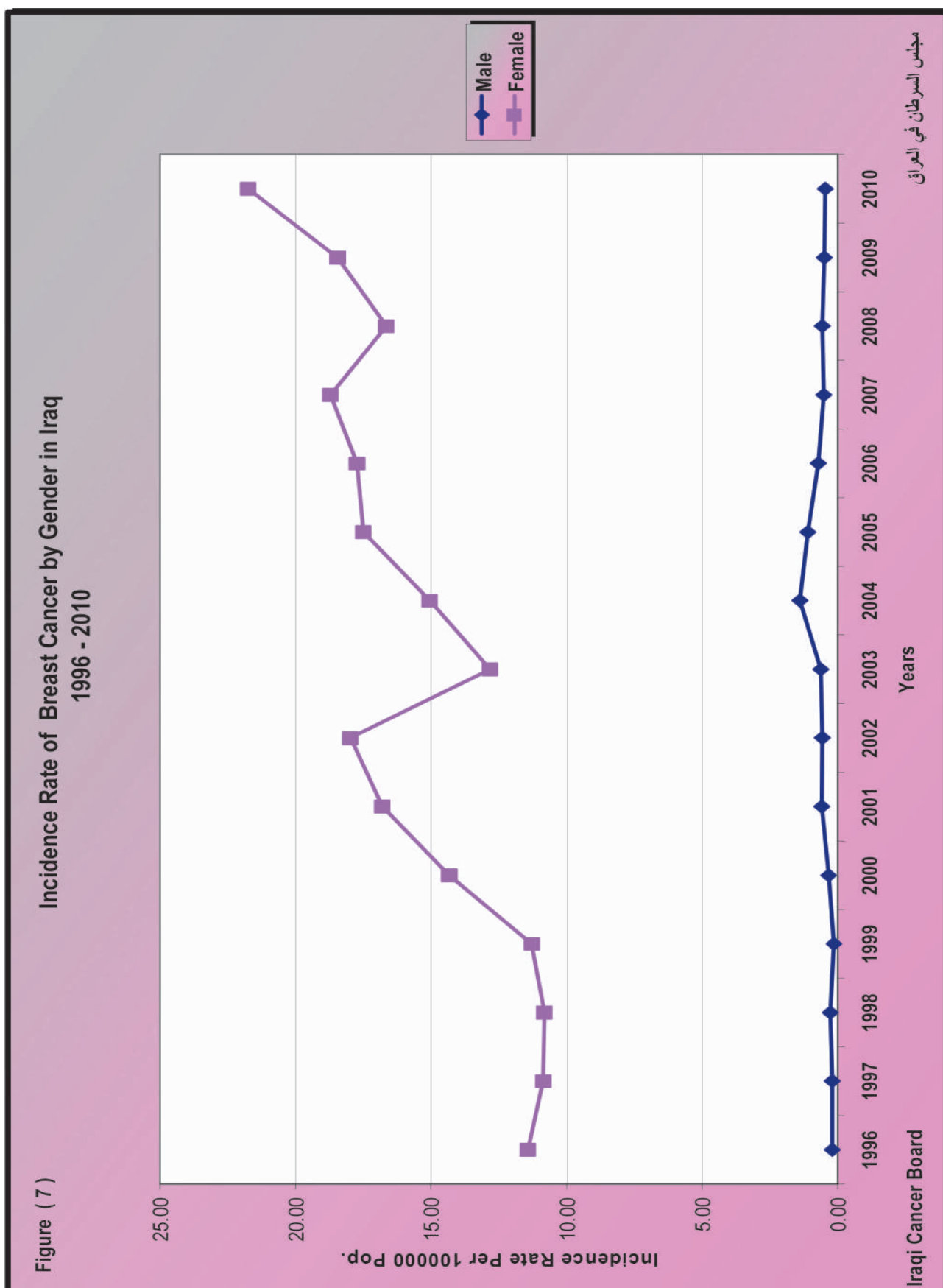
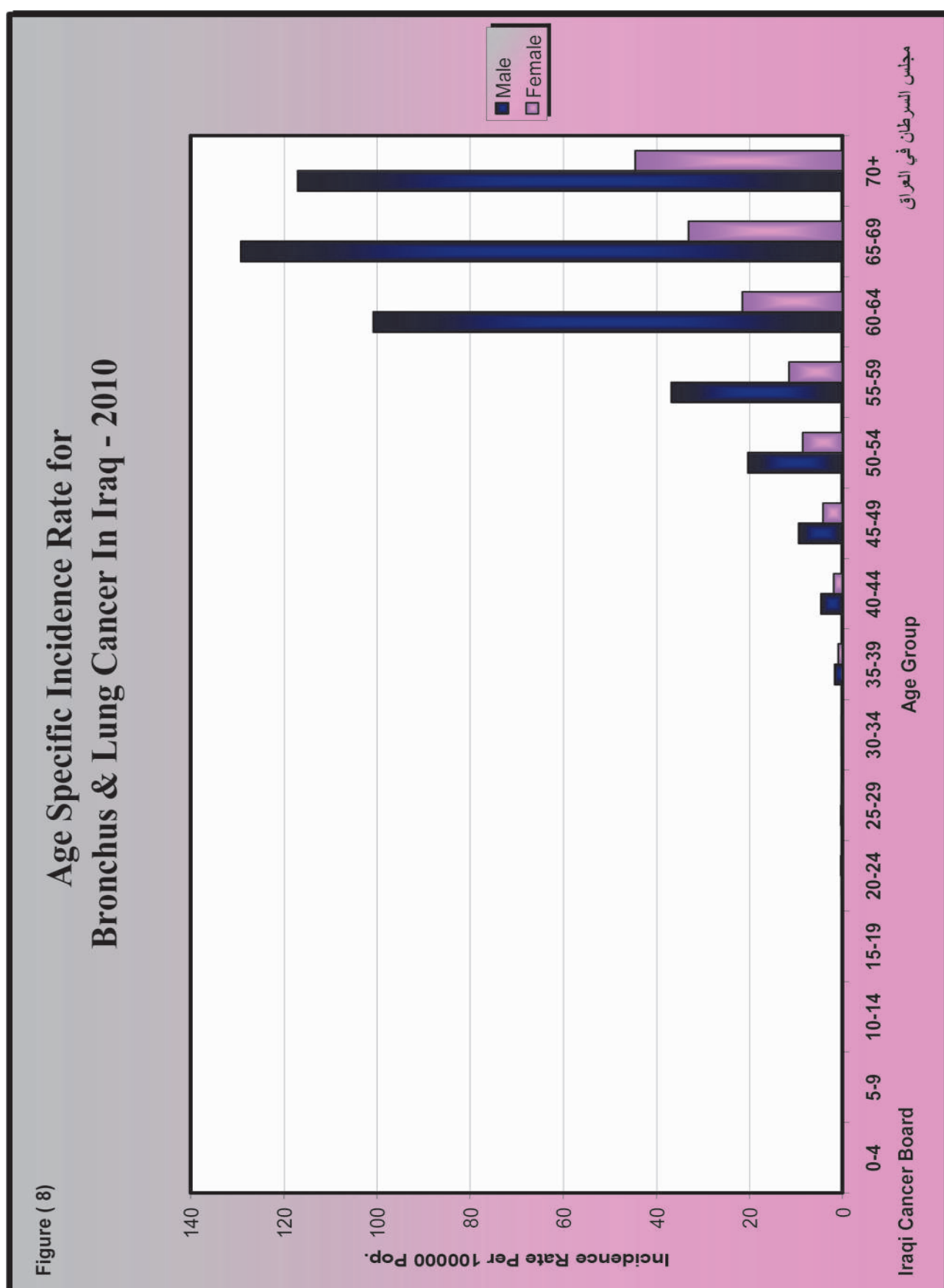


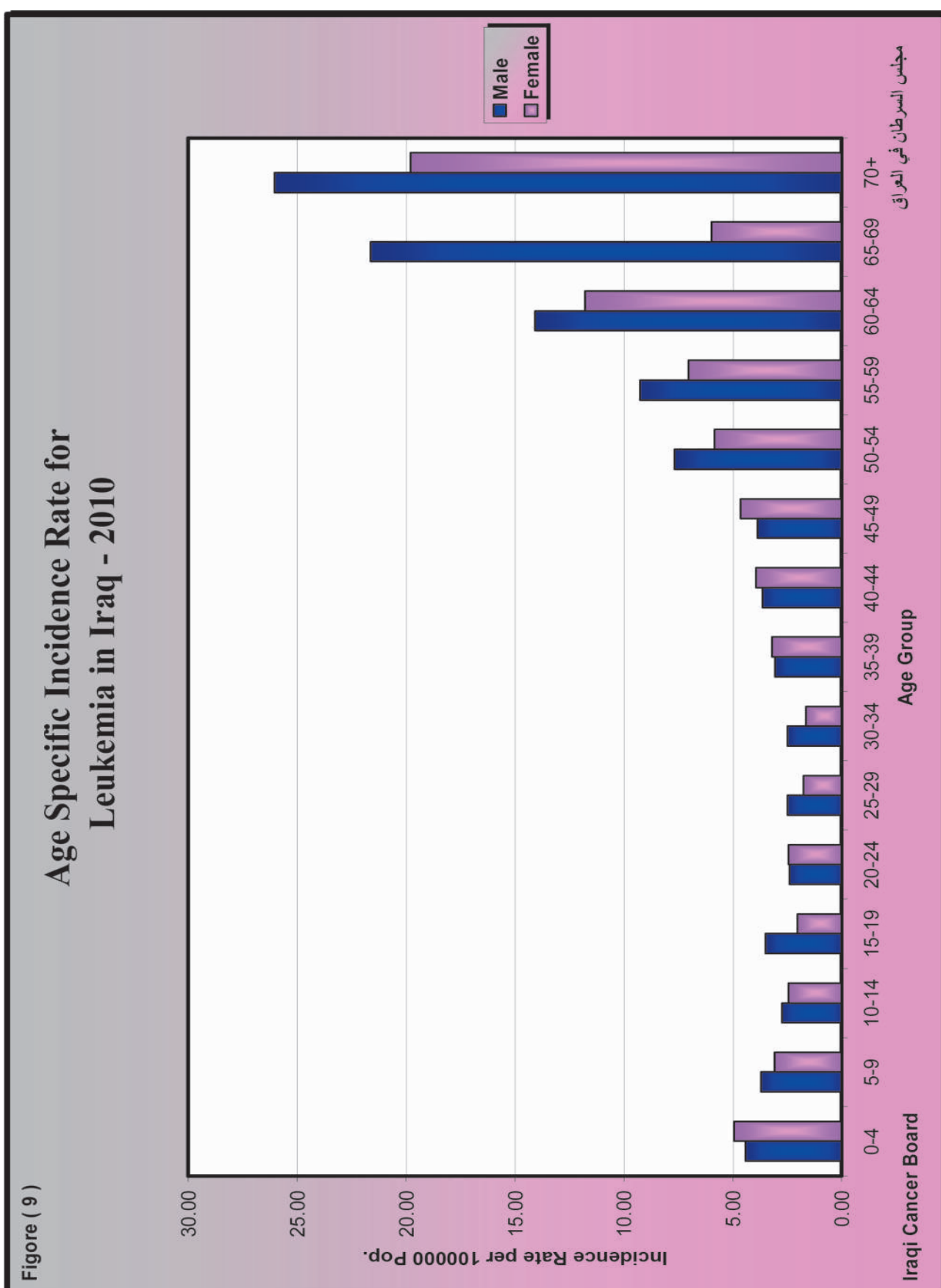
Table (9)

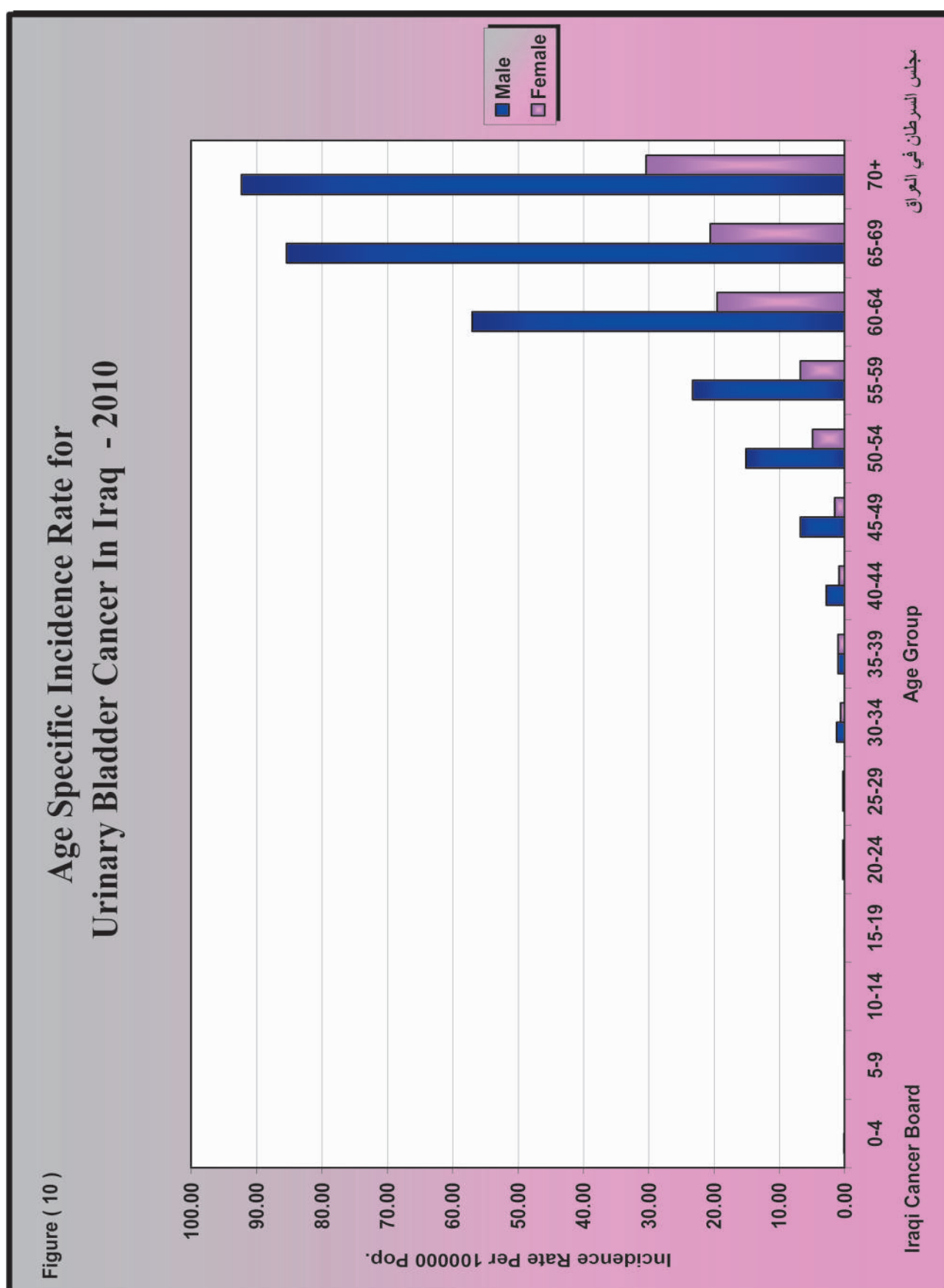
Distribution OF Breast Cancer According to Age group in (2000 - 2010) in Iraq

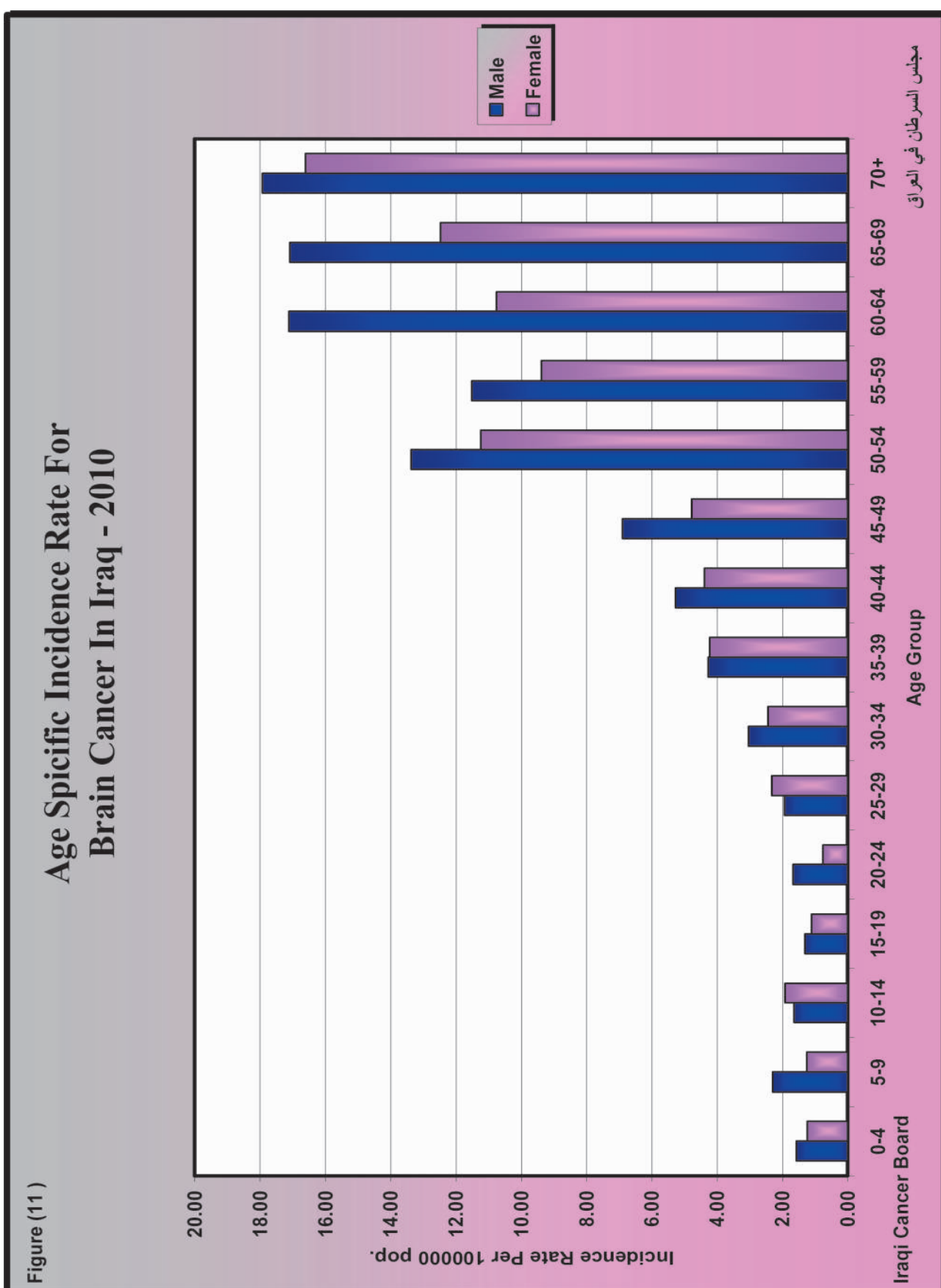
Age group	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	0	1	1	1	1	1	0	1	0	0	0
5-9	0	1	2	0	2	1	0	1	1	0	0
10-14	0	0	0	1	0	0	2	1	1	0	0
15-19	2	5	3	2	3	10	6	1	1	4	0
20-24	16	14	11	11	14	12	21	17	15	18	26
25-29	58	66	48	28	55	58	57	64	78	54	71
30-34	147	121	159	113	147	158	142	142	147	158	171
35-39	216	244	273	196	253	279	280	340	286	299	369
40-44	251	334	368	273	351	380	400	442	406	509	526
45-49	269	386	390	288	365	378	417	440	438	498	576
50-54	263	345	387	315	364	443	455	462	440	448	511
55-59	145	201	202	136	217	272	276	286	322	345	406
60-64	166	175	216	178	192	246	224	270	265	272	316
65-69	83	107	107	81	117	148	154	140	144	170	200
70+	98	122	169	111	117	177	171	196	176	208	289
unknown	51	32	30	33	27	27	37	32	9	4	3

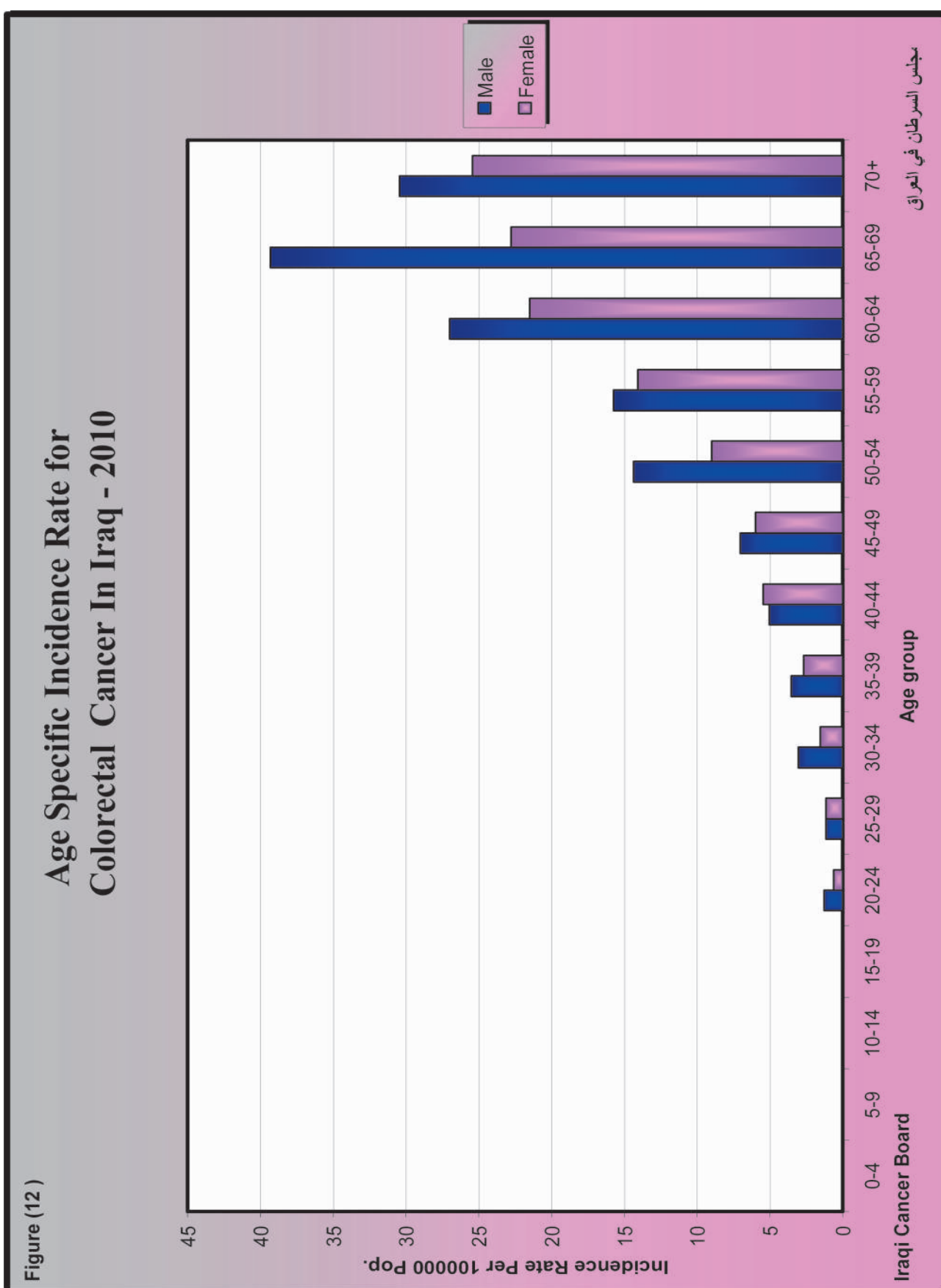
It is noted from the table above, the highest age group affected with breast cancer range from (45-49) years of age in the years 2000, 2001, 2002, 2004 & in 2010, while in the years 2003, 2005, 2006, 2007 & 2008 the highest age group affected is (50-54) years of age. In the year 2009 the highest age group affected is (40-44) years of age.

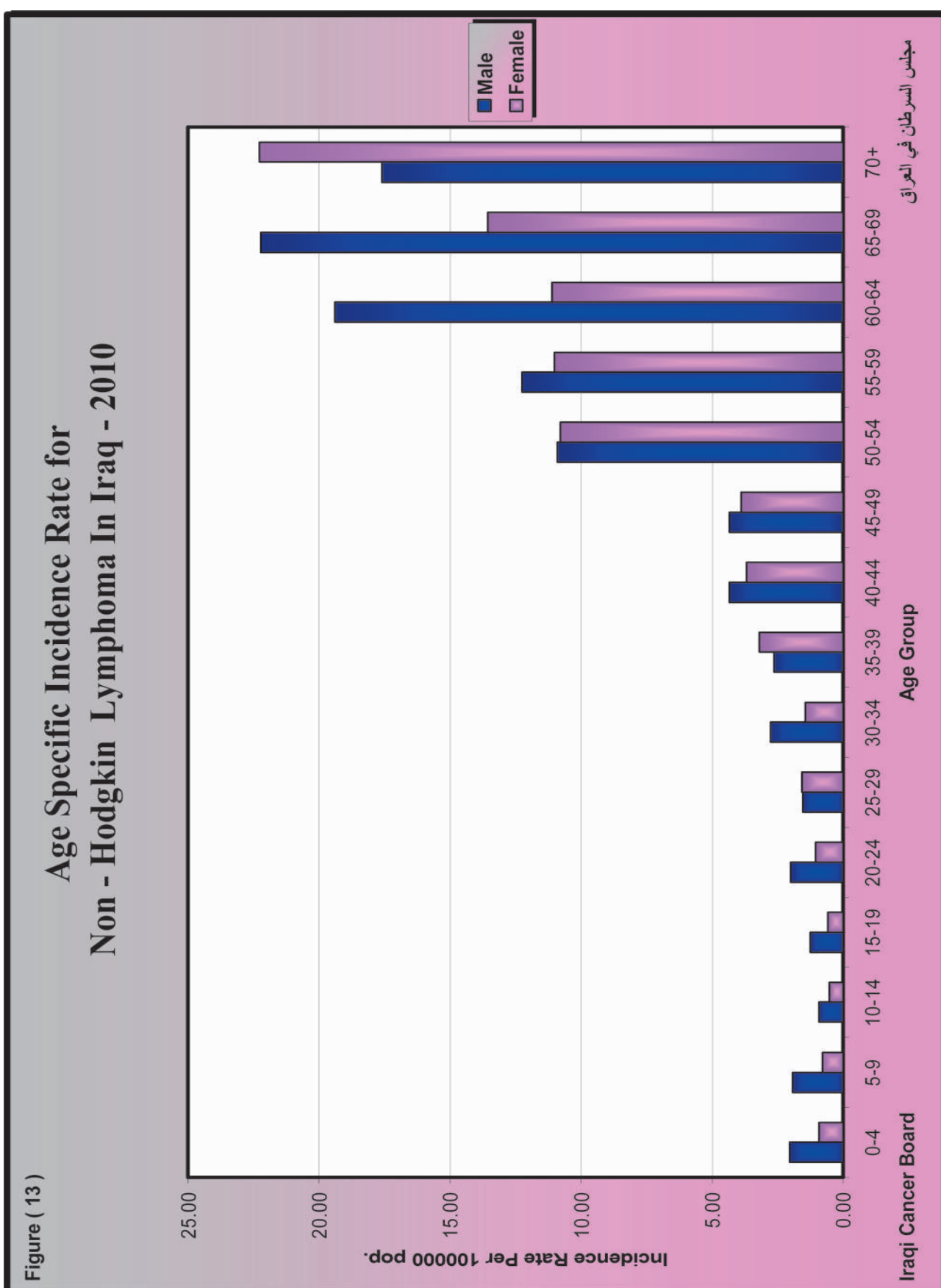


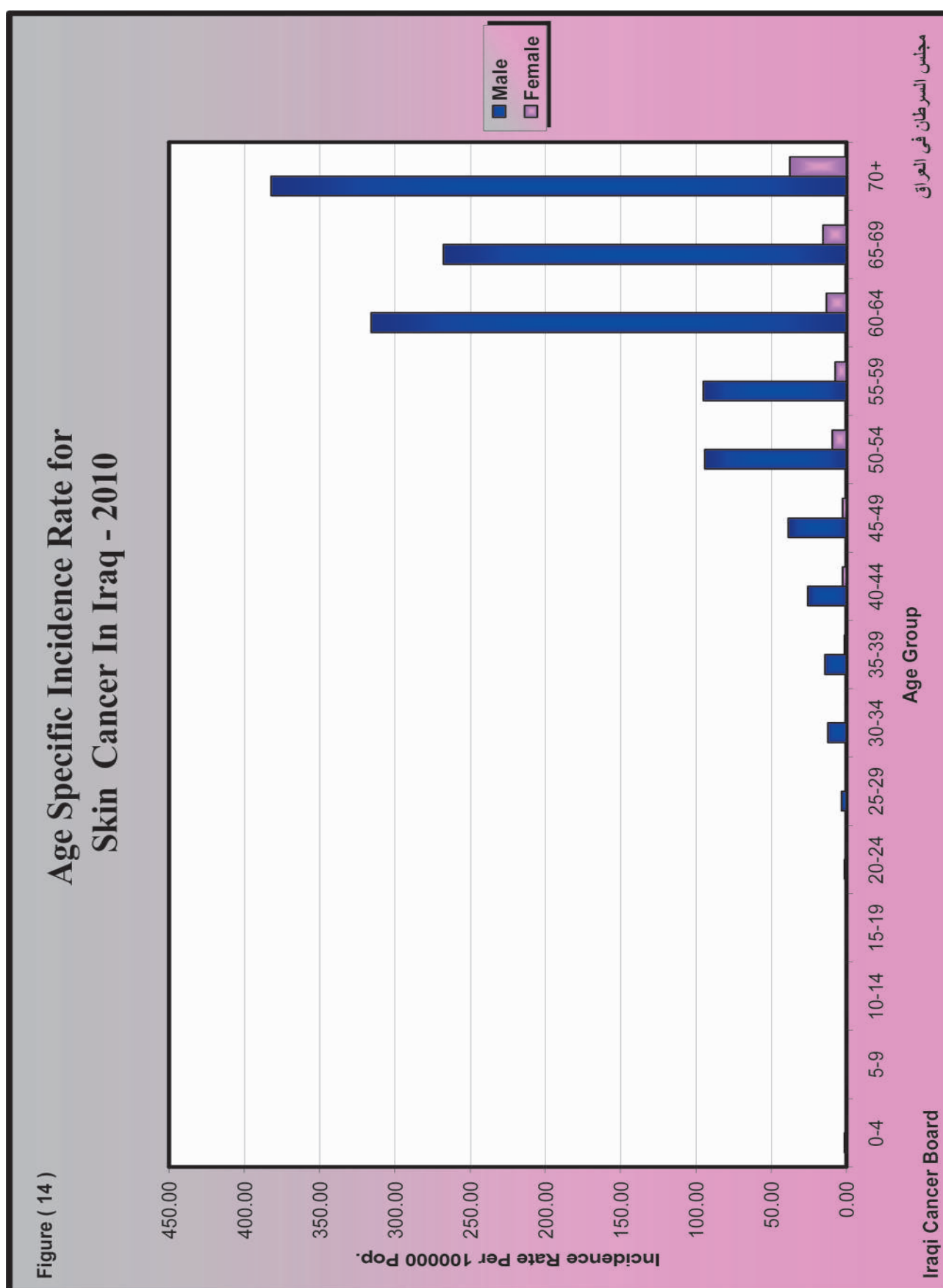


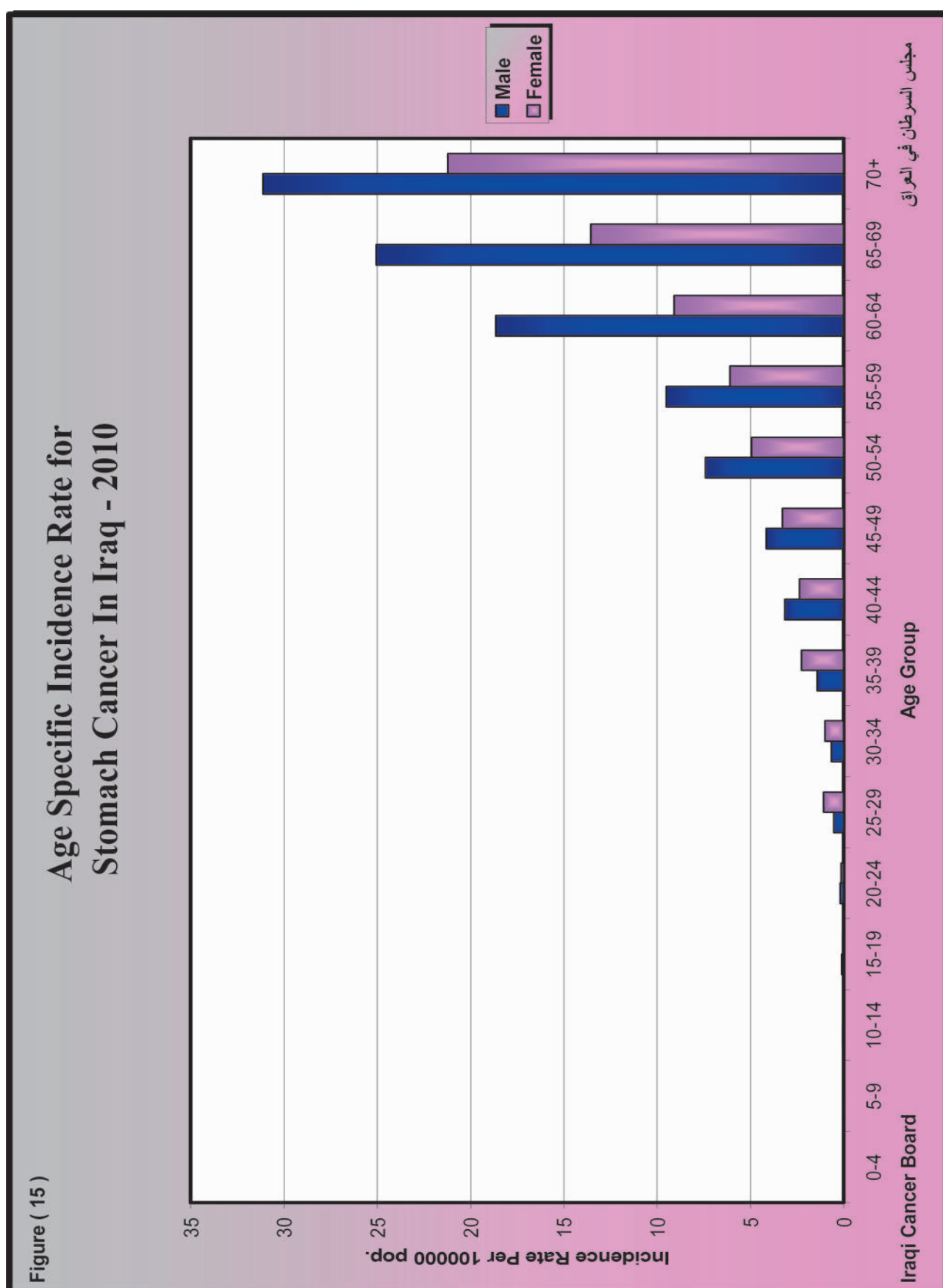


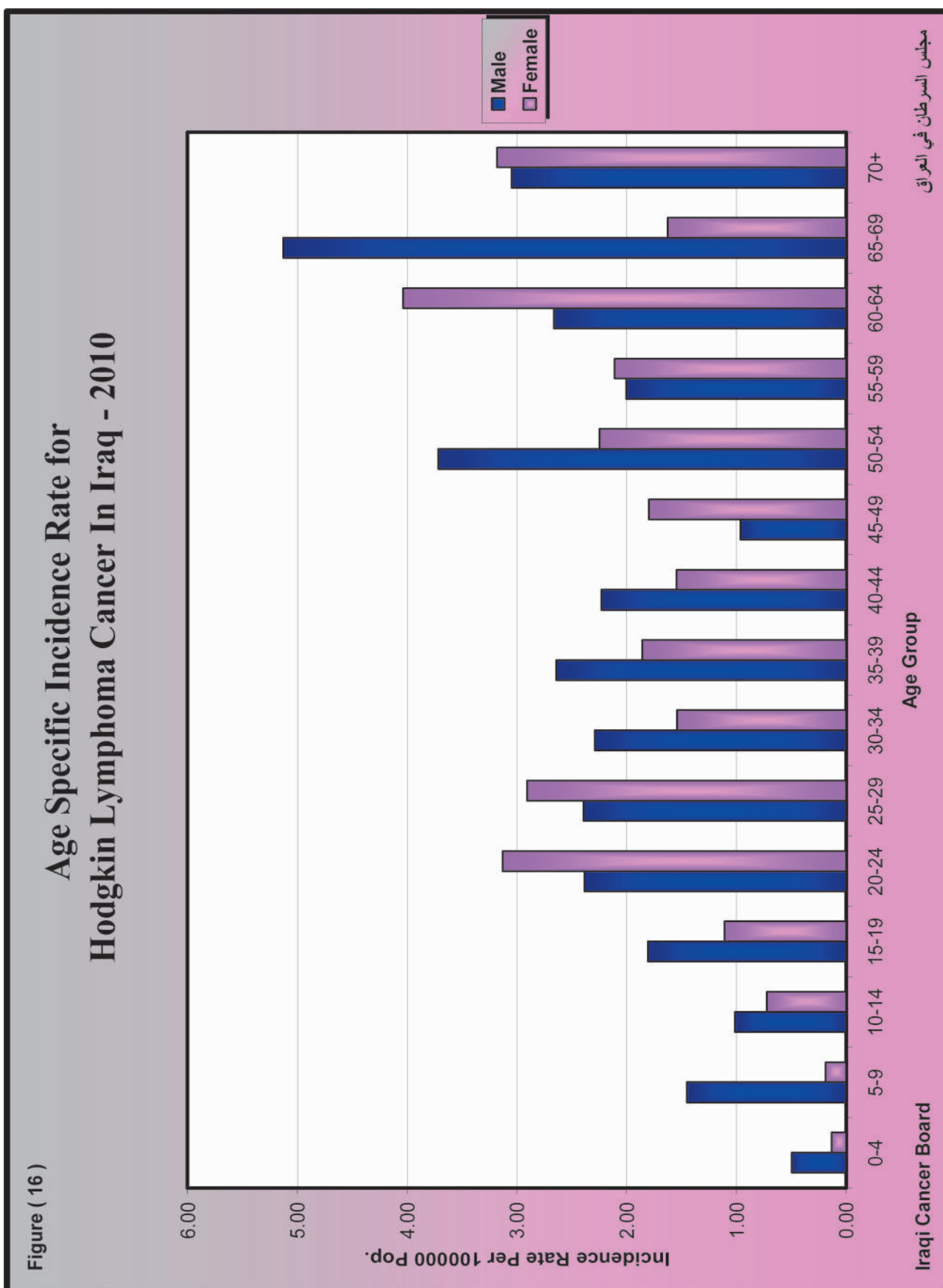












**Annual Number of New
Cases Percentage of Total and Crude
Rates / 100,000 by Primary
Site and Sex**

Table (10)
The Crude Incidence Rates / 100,000 Populations of
Malignant Tumors (2010)

Site	ICD-O	<i>Total</i>	Male	Female	% of Total	Registered Cases /10 ⁵ pop
Lip	C00	45	29	16	0.24	0.14
Tongue, base	C01	14	6	8	0.08	0.04
Tongue, other	C02	49	22	27	0.27	0.15
Gum	C03	7	3	4	0.04	0.02
Mouth, floor	C04	9	7	2	0.05	0.03
Mouth, palate	C05	8	5	3	0.04	0.02
Mouth, other	C06	43	19	24	0.23	0.13
Parotid gland	C07	42	24	18	0.23	0.13
Salivary glands, other	C08	30	12	18	0.16	0.09
Tonsil	C09	13	10	3	0.07	0.04
Oropharynx	C10	16	9	7	0.09	0.05
Nasopharynx	C11	123	84	39	0.67	0.38
Pyriform sinus	C12	8	7	1	0.04	0.02
Hypopharynx	C13	32	12	20	0.17	0.10
Other Lip, Oral, Pharynx	C14	19	11	8	0.10	0.06
Oesophagus	C15	105	56	49	0.57	0.32
Stomach	C16	592	341	251	3.20	1.82
Small intestine	C17	66	32	34	0.36	0.20
Colon	C18	618	340	278	3.34	1.90
Rectosigmoid junction	C19	46	29	17	0.25	0.14
Rectum	C20	275	150	125	1.49	0.85
Anus & anal canal	C21	34	22	12	0.18	0.10
Liver & bile ducts	C22	372	200	172	2.01	1.14
Gallbladder	C23	74	33	41	0.40	0.23
Biliary tract, other	C24	39	20	19	0.21	0.12
Pancreas	C25	348	188	160	1.88	1.07
Other digestive organs	C26	37	22	15	0.20	0.11
Nasal cavity, middle ear	C30	35	15	20	0.19	0.11
Accessory sinuses	C31	19	12	7	0.10	0.06
Larynx	C32	375	287	88	2.03	1.15
Trachea	C33	3	1	2	0.02	0.01
Bronchus & lung	C34	1598	1194	404	8.65	4.92
Thymus	C37	10	5	5	0.05	0.03
Heart, mediast. pleura	C38	38	22	16	0.21	0.12
Other respir. & thoracic	C39	7	6	1	0.04	0.02

Bone & cartilage, limbs	C40	120	61	59	0.65	0.37
Bone & cartilage, other	C41	240	131	109	1.30	0.74
Bon Marrow (for leukemia, see below)	C42	0	0	0	0.00	0.00
Skin, other	C44	735	404	331	3.98	2.26
Nerves, peripheral & ANS	C47	11	7	4	0.06	0.03
Peritoneum & Retroperit.	C48	47	20	27	0.25	0.14
Other connect./soft tiss	C49	324	187	137	1.75	1.00
Breast	C50	3540	76	3464	19.15	10.90
Vulva	C51	18	0	18	0.10	0.06
Vagina	C52	14	0	14	0.08	0.04
Cervix uteri	C53	168	0	168	0.91	0.52
Corpus uteri	C54	154	0	154	0.83	0.47
Uterus unspecified	C55	196	0	196	1.06	0.60
Ovary	C56	391	0	391	2.12	1.20
Female genital, other	C57	7	0	7	0.04	0.02
Placenta	C58	45	0	45	0.24	0.14
Penis	C60	4	4	0	0.02	0.01
Prostate	C61	428	428	0	2.32	1.32
Testis	C62	139	139	0	0.75	0.43
Male genital, other	C63	0	0	0	0.00	0.00
Kidney, not renal pelvis	C64	384	224	160	2.08	1.18
Renal pelvis	C65	2	0	2	0.01	0.01
Ureter	C66	3	3	0	0.02	0.01
Bladder	C67	1101	827	274	5.96	3.39
Urinary organs, other	C68	7	4	3	0.04	0.02
Eye & adnexa	C69	64	38	26	0.35	0.20
Meninges	C70	88	32	56	0.48	0.27
Brain	C71	902	516	386	4.88	2.78
Nervous system, other	C72	53	30	23	0.29	0.16
Thyroid gland	C73	462	121	341	2.50	1.42
Adrenal gland	C74	36	16	20	0.19	0.11
Endocrine glands, other	C75	33	18	15	0.18	0.10
Unspecified sites	C76	188	103	85	1.02	0.58
Lymph Nodes ¹	C77	0	0	0	0.00	0.00
Unknown primary site	C80	459	248	211	2.48	1.41

Malignant Tumors Sorted By Morphology

Non-Hodgkin, lymphoma²		953	541	412	5.16	2.93
Hodgkin Disease³		514	291	223	2.78	1.58
Plasma Cell Tumor		138	84	54	0.75	0.42
Mast Cell Tumor		2	2	0	0.01	0.01
Immunoproliferative Diseases		2	1	1	0.01	0.01
Leukemia⁴		1302	715	587	7.04	4.01
Chronic Myeloproliferative Disorders		40	27	13	0.22	0.12
Myelodysplastic Syndromes		19	11	8	0.10	0.06
Total		18482	8544	9938	100.00	56.89

(1) Malignant Tumors Included Here are those Other than Hodgkin Disease and NHL.

(2) All NHL Cases, Nodal & Extra Nodal.

(3) All Hodgkin Cases Included Under this Category.

(4) Includes All Categories of Leukemia.

The Commonest Ten Cancers In The Iraqi Provinces & Districts

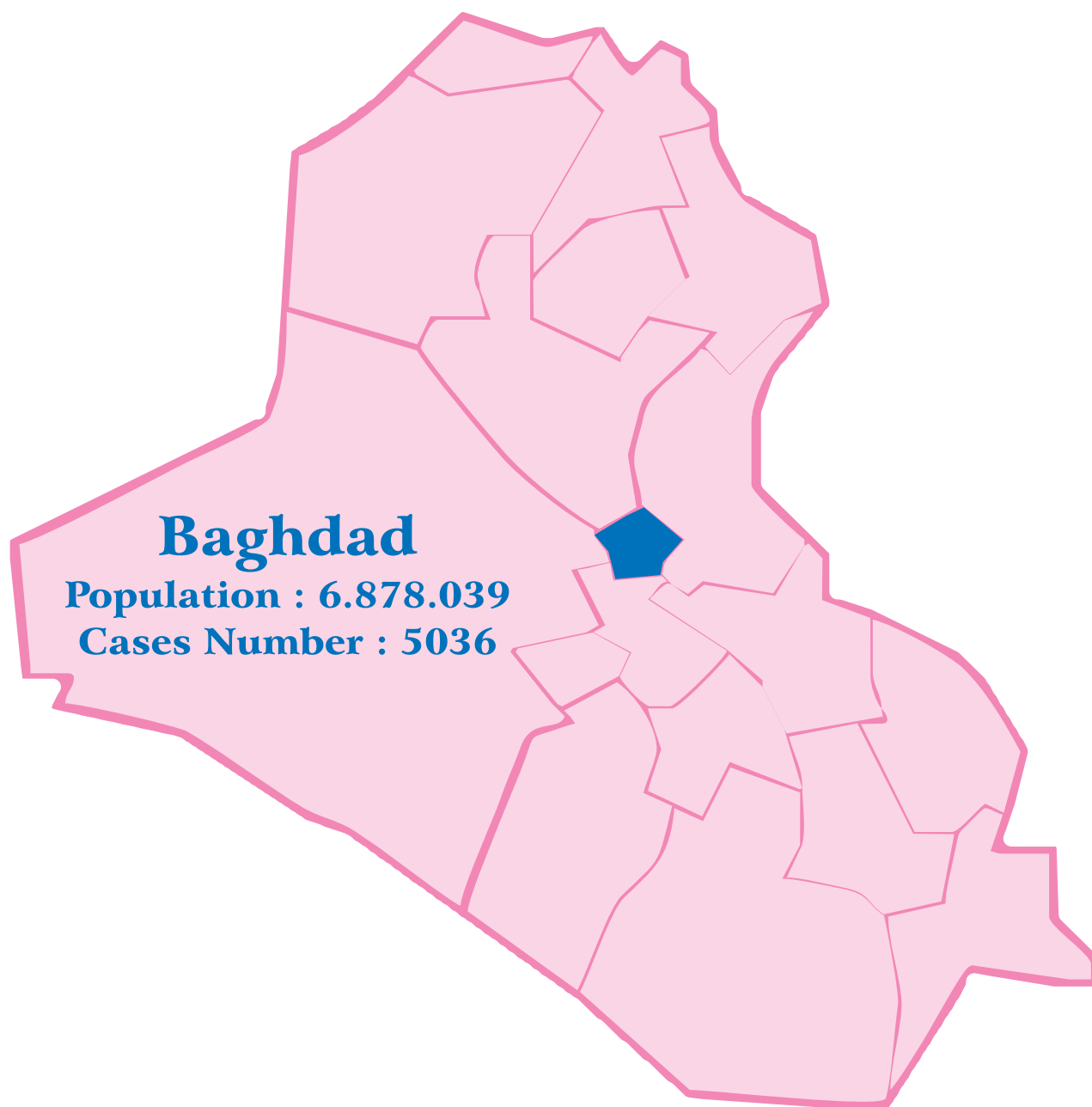


Table (11)

**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	1156	22.95	16.81
2- BRONCHUS & LUNG	393	7.80	5.71
3- BRAIN&OTHER CNS	314	6.24	4.57
4- LEUKEMIA	292	5.80	4.25
5- BLADDER	275	5.46	4.00
6- COLORECTAL	265	5.26	3.85
7- NON-HODGKIN LYMPHOMA	226	4.49	3.29
8- SKIN	175	3.47	2.54
9- THYROID	146	2.90	2.12
10- STOMACH	145	2.88	2.11
TOTAL TEN	3387	67.26	49.24
ALL SITES	5036	100.00	73.22

Population of Baghdad Governorate in-2010 (6878039)

Figure (17)
The Commonest Ten Cancers By Registered Cases Per 100000 Population in Baghdad

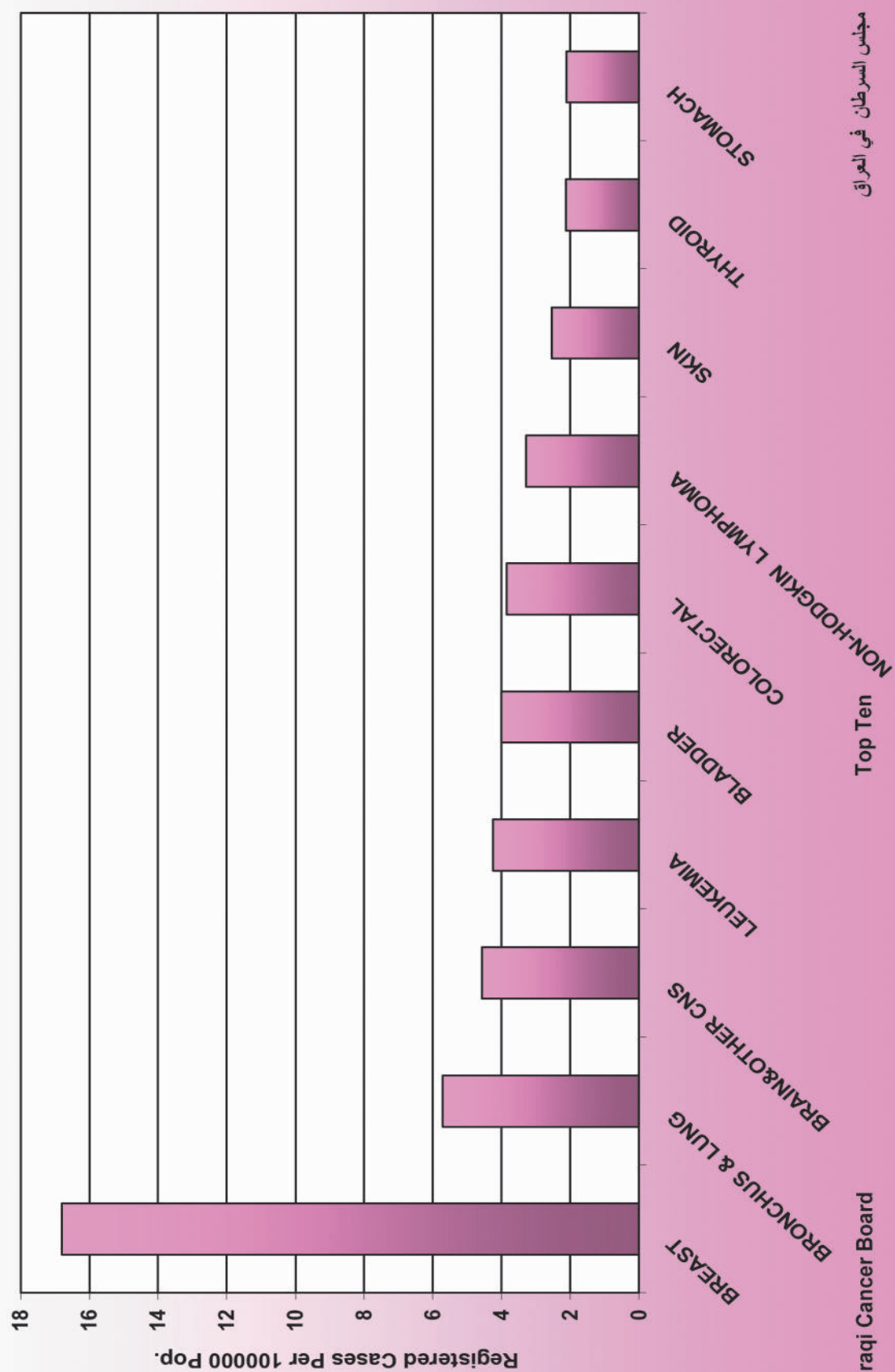


Table (12)

The Commonest Ten Cancer in Baghdad Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	RISSAFFA		AL ADHAMYIA		AL-SADER		AL KARKH		AL KADIMIYIAH		AL MAHMOODYIA		ABU GRAIB		AL MADAIN		AL TARMEYEH		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	264	22.84	150	12.98	159	13.75	434	37.54	75	6.49	29	2.51	17	1.47	25	2.16	3	0.26	1156	100
Bronchus & lung	93	23.66	50	12.72	55	13.99	122	31.04	29	7.38	14	3.56	10	2.54	20	5.09	0	0.00	393	100
Brain & Other CNS	73	23.25	39	12.42	55	17.52	95	30.25	23	7.32	9	2.87	4	1.27	16	5.10	0	0.00	314	100
Leukemia	65	22.26	28	9.589	29	9.93	129	44.18	15	5.14	12	4.11	8	2.74	6	2.05	0	0.00	292	100
Bladder	51	18.55	34	12.36	45	16.36	101	36.73	20	7.27	7	2.55	5	1.82	12	4.36	0	0.00	275	100
Colorectal	75	28.30	20	7.547	54	20.38	86	32.45	18	6.79	3	1.13	2	0.75	7	2.64	0	0.00	265	100
Non-Hodgkin Lymphoma	42	18.58	20	8.85	44	19.47	85	37.61	17	7.52	8	3.54	5	2.21	5	2.21	0	0.00	226	100
Skin	31	17.71	10	5.714	46	26.29	56	32.00	13	7.43	5	2.86	3	1.71	11	6.29	0	0.00	175	100
Thyroid	37	25.34	13	8.904	31	21.23	37	25.34	13	8.90	6	4.11	3	2.05	6	4.11	0	0.00	146	100
Stomach	38	26.21	12	8.276	28	19.31	52	35.86	8	5.52	3	2.07	2	1.38	2	1.38	0	0.00	145	100
Total	769	22.70	376	11.1	546	16.12	1197	35.34	231	6.82	96	2.83	59	1.74	110	3.25	3	0.09	3387	100

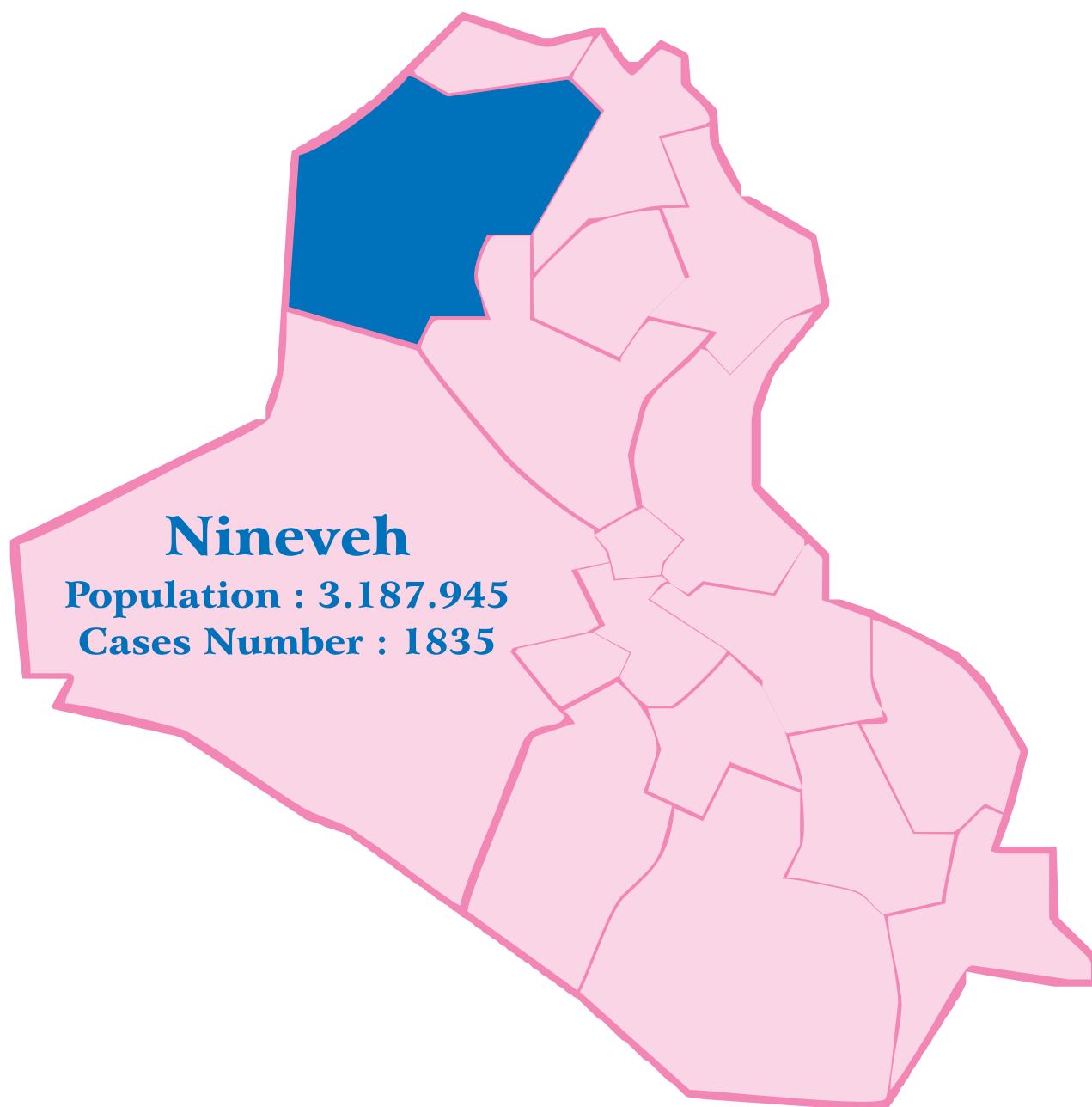


Table (13)

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 /105 POP.
1- BREAST	350	19.07	10.98
2- BRONCHUS&LUNG	178	9.70	5.58
3- LEUKEMIA	151	8.23	4.74
4- COLORECTAL	116	6.32	3.64
5 - BRAIN&OTHER CNS	114	6.21	3.58
6 -NON-HODGKIN LYMPHOMA	101	5.50	3.17
7- STOMACH	93	5.07	2.92
8- BLADDER	75	4.09	2.35
9- NOT OTHWISELY SPECIFIED	68	3.71	2.13
10- HODGKIN DISEASE	58	3.16	1.82
TOTAL TEN	1304	71.06	40.90
ALL SITE	1835	100.00	57.56

Population of Nineveh Governorate in - 2010 (3187945)

Figure (18)
The Commonest Ten Cancers By Registered Cases per 100000 Population
in Nineveh

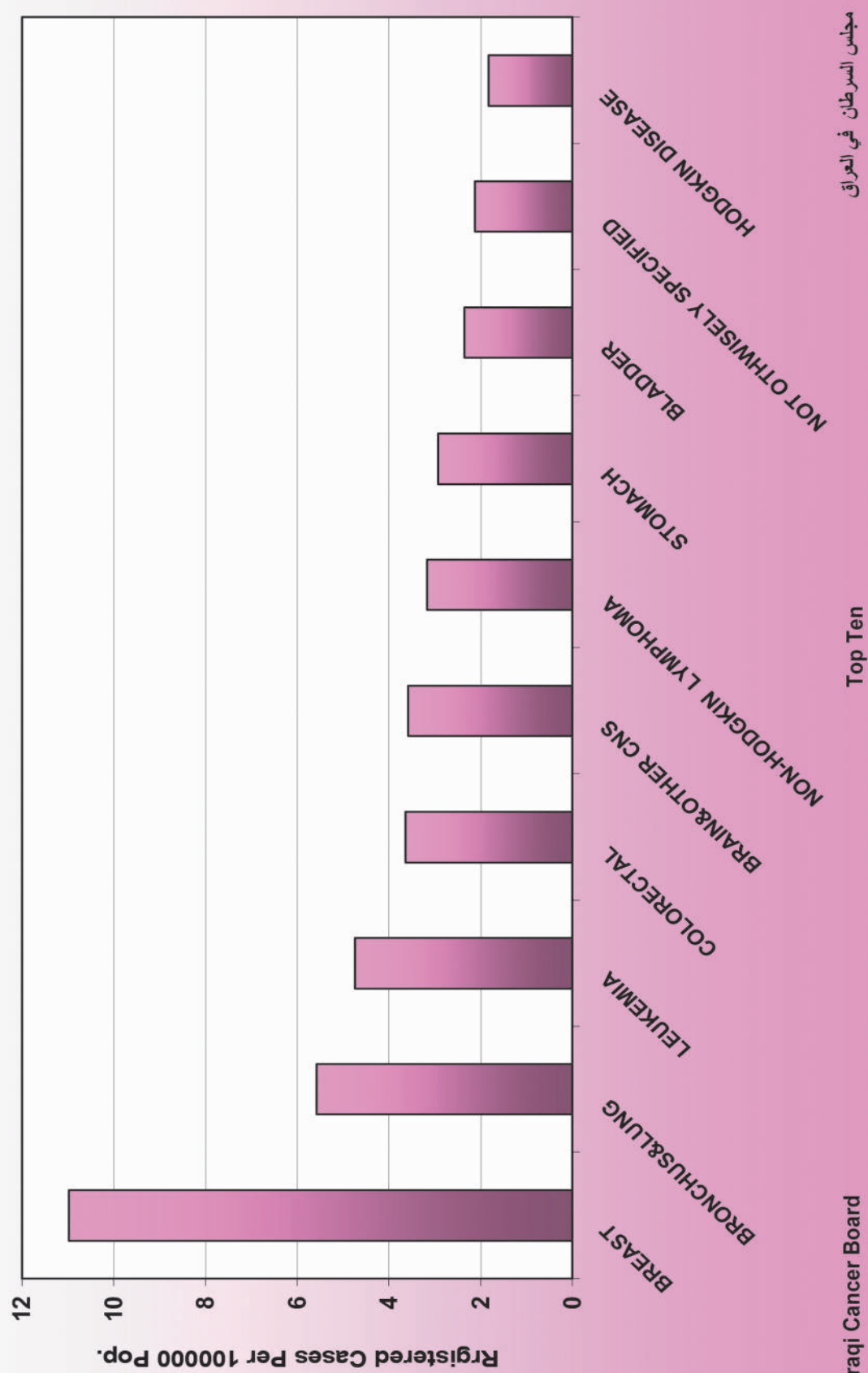


Table (14)

The Commonest Ten Cancer in Nineveh Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

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	283	80.86	16	4.57	7	2.00	8	2.29	28	8.00	2	0.57	1	0.29	1	0.29	4	1.14	350	100
Bronchus & lung	153	85.96	5	2.81	3	1.69	1	0.56	11	6.18	0	0.00	3	1.69	0	0.00	2	1.12	178	100
Leukemia	132	87.42	1	0.66	1	0.66	2	1.32	11	7.28	0	0.00	2	1.32	0	0.00	2	1.32	151	100
Colorectal	97	83.62	4	3.45	2	1.72	4	3.45	5	4.31	2	1.72	0	0.00	0	0.00	2	1.72	116	100
Brain & Other CNS	100	87.72	1	0.88	3	2.63	4	3.51	3	2.63	0	0.00	2	1.75	0	0.00	1	0.88	114	100
Non- Hodgkin Lymphoma	73	72.28	4	3.96	4	3.96	6	5.94	12	11.88	0	0.00	0	0.00	1	0.99	1	0.99	101	100
Stomach	78	83.87	2	2.15	0	0.00	3	3.23	9	9.68	0	0.00	1	1.08	0	0.00	0	0.00	93	100
Bladder	60	80.00	2	2.67	1	1.33	2	2.67	6	8.00	1	1.33	2	2.67	1	1.33	0	0.00	75	100
Not Othwisely Specified	48	70.59	1	1.47	2	2.94	3	4.41	10	14.71	0	0.00	1	1.47	2	2.94	1	1.47	68	100
Hodgkin Disease	52	89.66	0	0.00	3	5.17	0	0.00	2	3.45	0	0.00	0	0.00	1	1.72	0	0.00	58	100
Total	1076	82.52	36	2.76	26	1.99	33	2.53	97	7.44	5	0.38	12	0.92	6	0.46	13	1.00	1304	100

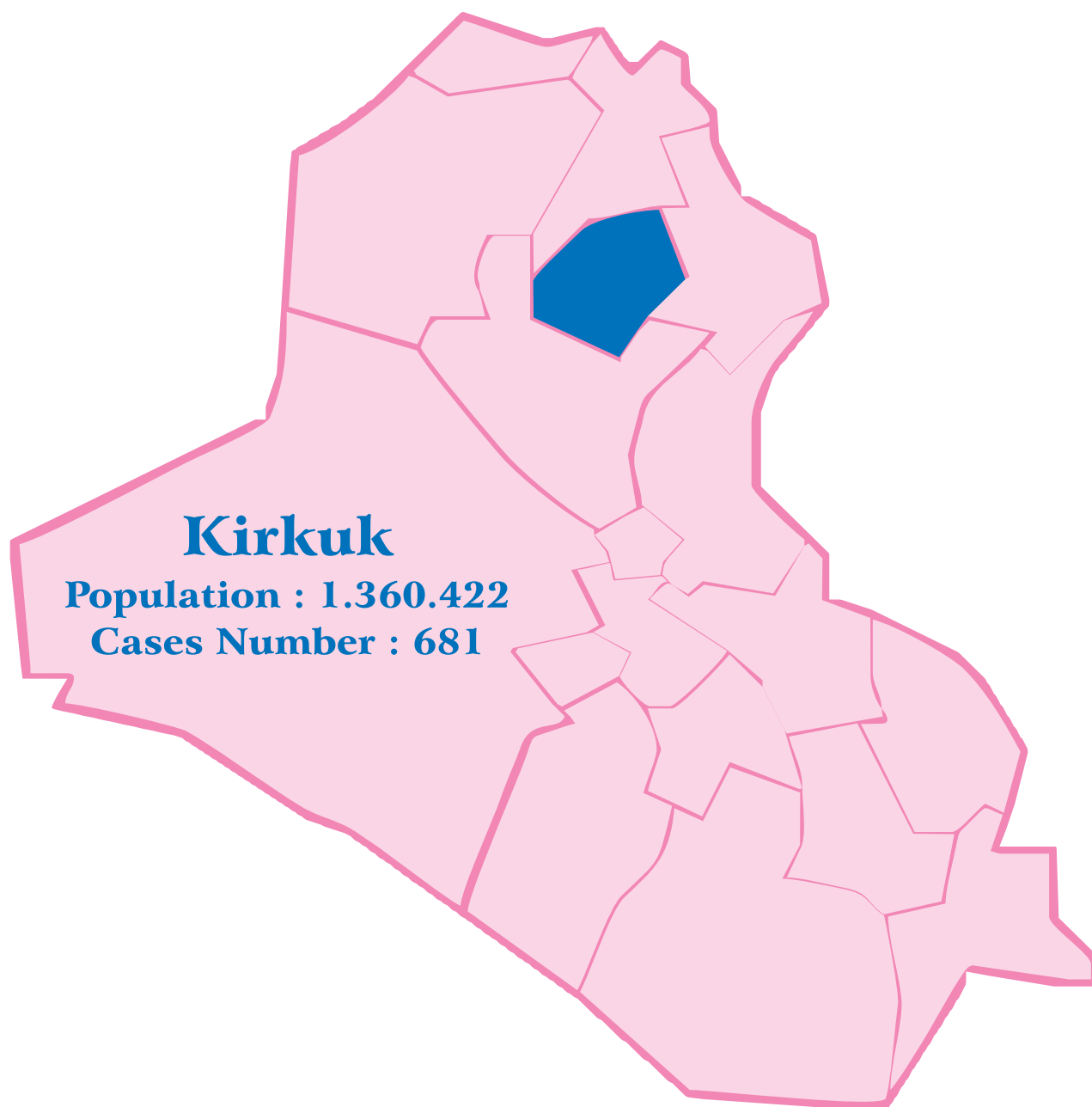


Table (15)

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	157	23.05	11.54
2- BRONCHUS&LUNG	61	8.96	4.48
3- LEUKEMIA	59	8.66	4.34
4- NON-HODGKIN LYMPHOMA	48	7.05	3.53
5- COLORECTAL	47	6.90	3.45
6- BRAIN&OTHER CNS	35	5.14	2.57
7- SKIN	33	4.85	2.43
8- STOMACH	20	2.94	1.47
9- LARYNX	17	2.50	1.25
10 - LIVER	16	2.35	1.18
TOTAL TEN	493	72.39	36.24
ALL SITES	681	100.00	50.06

Population of Kirkuk Governorate in - 2010 (1360442)

Figure (19)

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

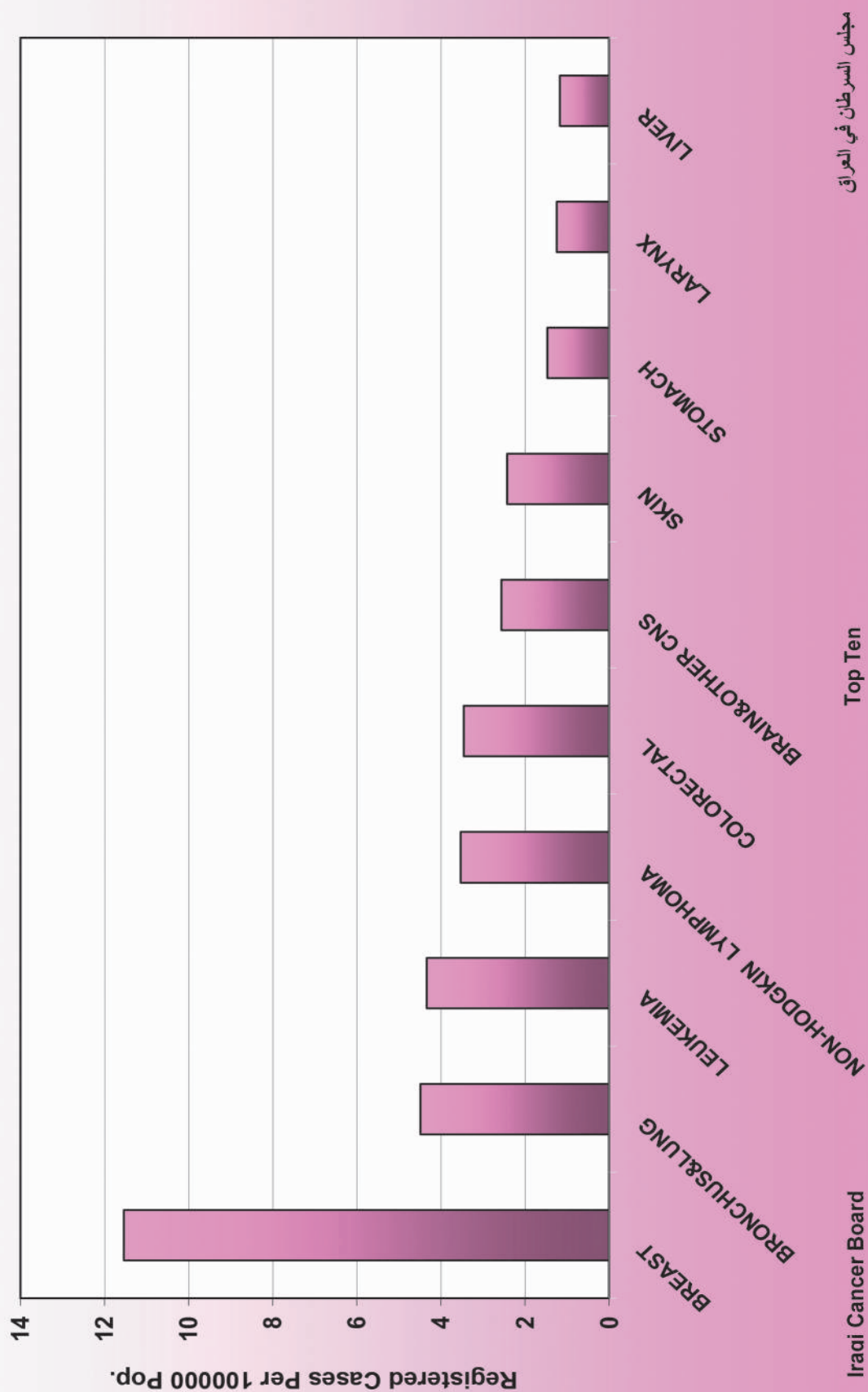


Table (16)

The Commonest Ten Cancer in Kirkuk Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	KIRKUK		AL HAWIJA		DAKOOK		DIBID		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	144	91.72	9	5.73	3	1.91	1	0.64	157	100.00
Bronchus & Lung	50	81.97	9	14.75	1	1.64	1	1.64	61	100.00
Leukemia	46	77.97	12	20.34	1	1.69	0	0.00	59	100.00
Non- Hodgkin Lymphoma	41	85.42	7	14.58	0	0.00	0	0.00	48	100.00
Colorectal	39	82.98	8	17.02	0	0.00	0	0.00	47	100.00
Brain & Other CNS	32	91.43	1	2.86	2	5.71	0	0.00	35	100.00
Skin	30	90.91	1	3.03	1	3.03	1	3.03	33	100.00
Stomach	20	100.00	0	0.00	0	0.00	0	0.00	20	100.00
Larynx	12	70.59	4	23.53	1	5.88	0	0.00	17	100.00
Liver	15	93.75	1	6.25	0	0.00	0	0.00	16	100.00
Total	429	87.02	52	10.55	9	1.83	3	0.61	493	100.00

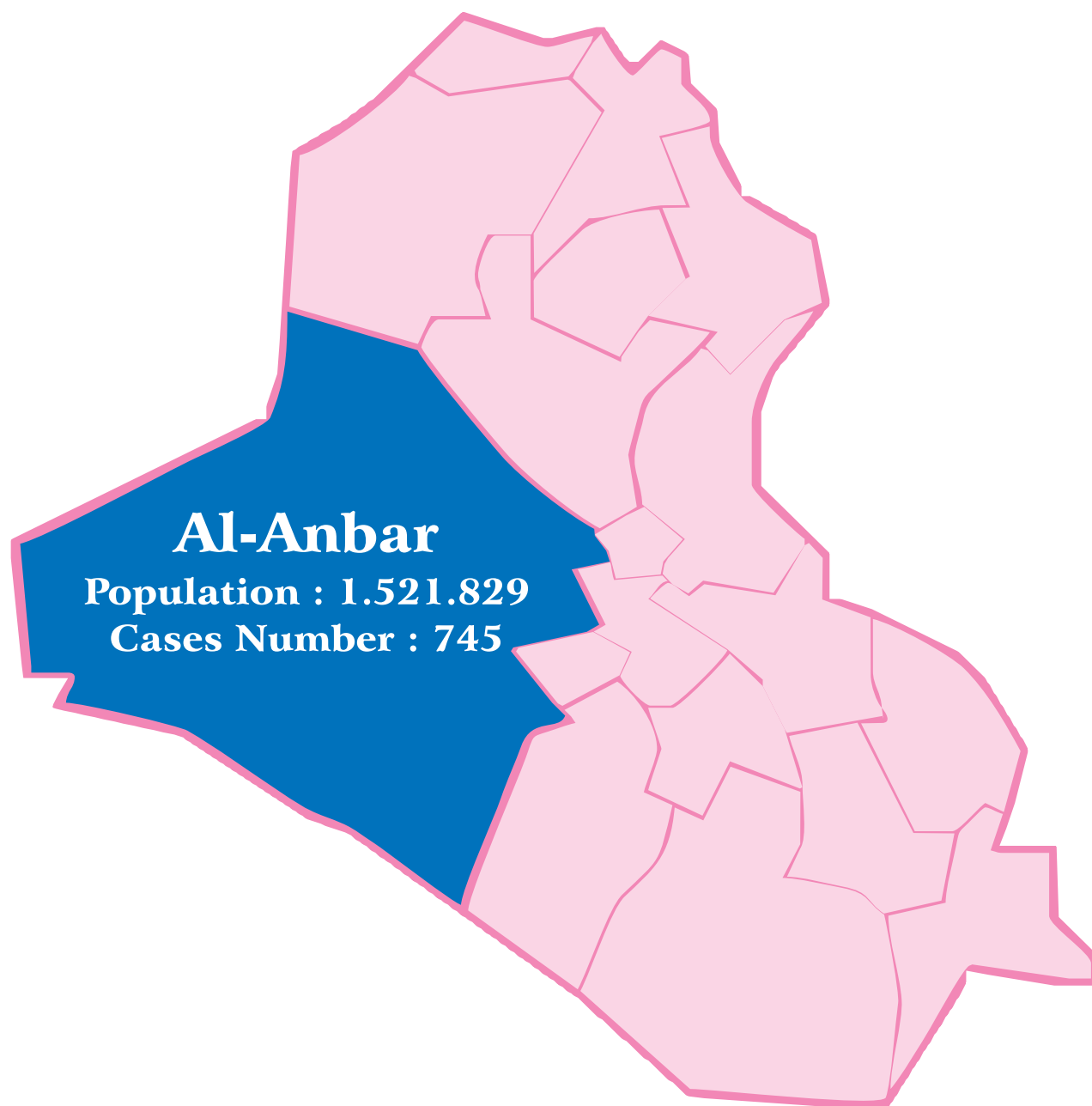


Table (17)

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	145	19.46	9.53
2- BRONCHUS & LUNG	56	7.52	3.68
3- NON-HODGKIN LYMPHOMA	48	6.44	3.15
4- BLADDER	43	5.77	2.83
5- LEUKEMIA	43	5.77	2.83
6- COLORECTAL	42	5.64	2.76
7- BRAIN & OTHER CNS	41	5.50	2.69
8- HODGKIN DISEASE	38	5.10	2.50
9- SKIN	29	3.89	1.91
10- PROSTATE	28	3.76	1.84
TOTAL TEN	513	68.86	33.71
ALL SITES	745	100.00	48.95

Population of Al-Anbar Governorate in -2010 (1521829)

Figure (20)
The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Al-Anbar

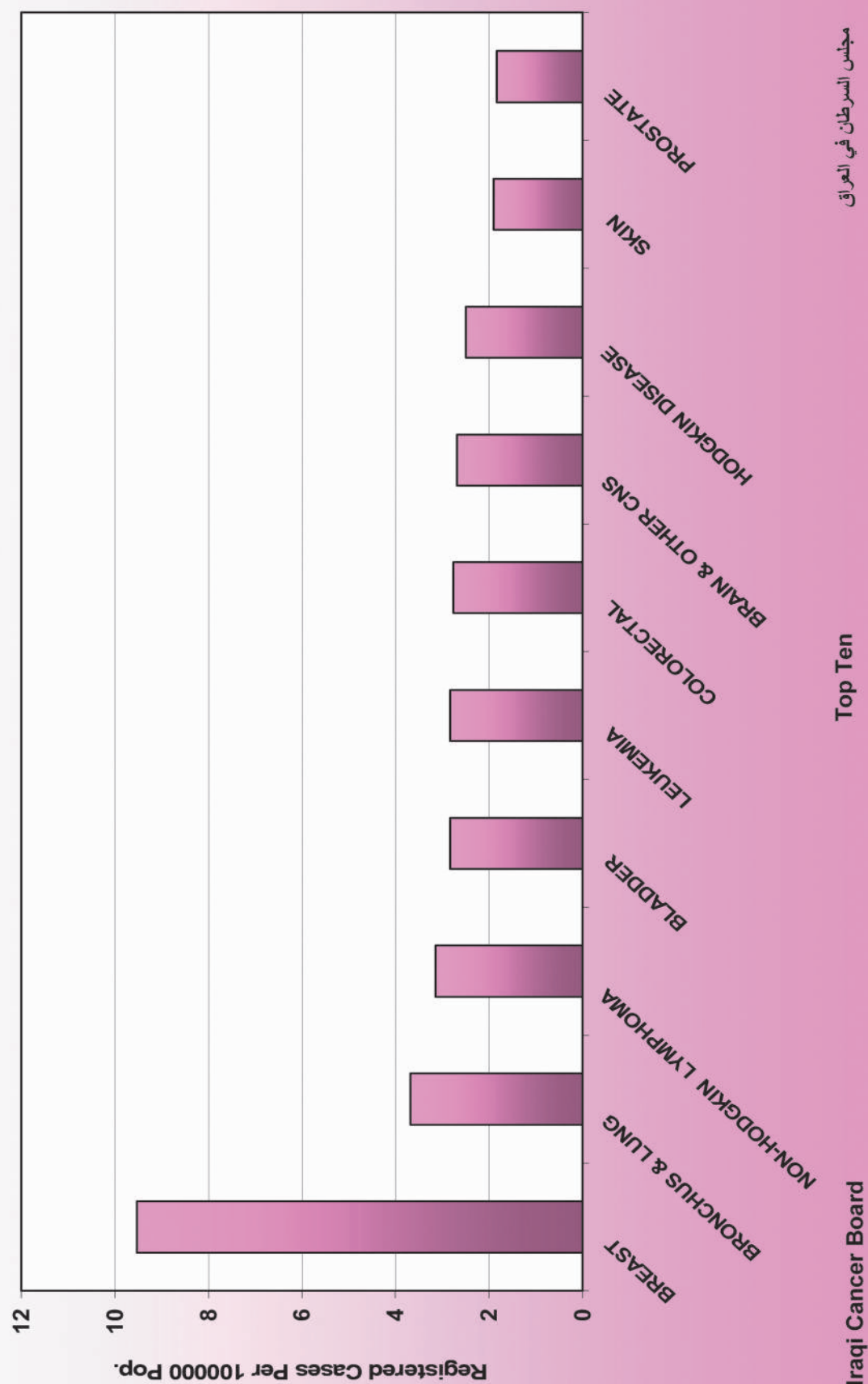


Table (18)
The Commonest Ten Cancer in AL-Anbar Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	AL RAMADI		HEET		AL FALOOJA		AANA		HADEETHA		AL RUTBA		AL KAAIM		RAWA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	53	36.55	17	11.72	55	37.93	3	2.07	5	3.45	5	3.45	7	4.83	0	0.00	145	100.00
Bronchus & Lung	37	66.07	2	3.57	10	17.86	0	0.00	0	0.00	3	5.36	3	5.36	1	1.79	56	100.00
Non Hodgkin Lymphoma	18	37.50	9	18.75	15	31.25	0	0.00	3	6.25	1	2.08	2	4.17	0	0.00	48	100.00
Bladder	19	44.19	1	2.33	17	39.53	0	0.00	1	2.33	0	0.00	5	11.63	0	0.00	43	100.00
Leukemia	30	69.77	1	2.33	11	25.58	1	2.33	0	0.00	0	0.00	0	0.00	0	0.00	43	100.00
Colorectal	26	61.90	1	2.38	10	23.81	0	0.00	3	7.14	0	0.00	2	4.76	0	0.00	42	100.00
Brain & Other CNS	20	48.78	3	7.32	12	29.27	1	2.44	3	7.32	0	0.00	1	2.44	1	2.44	41	100.00
Hodgkin Disease	23	60.53	0	0.00	9	23.68	0	0.00	2	5.26	0	0.00	4	10.53	0	0.00	38	100.00
Skin	0	0.00	0	0.00	16	55.17	1	3.45	11	37.93	0	0.00	1	3.45	0	0.00	29	100.00
Prostate	15	53.57	1	3.57	10	35.71	0	0.00	1	3.57	0	0.00	1	3.57	0	0.00	28	100.00
Total	241	46.98	34	6.63	165	32.16	6	1.17	29	5.65	9	1.75	26	5.07	2	0.39	513	100.00

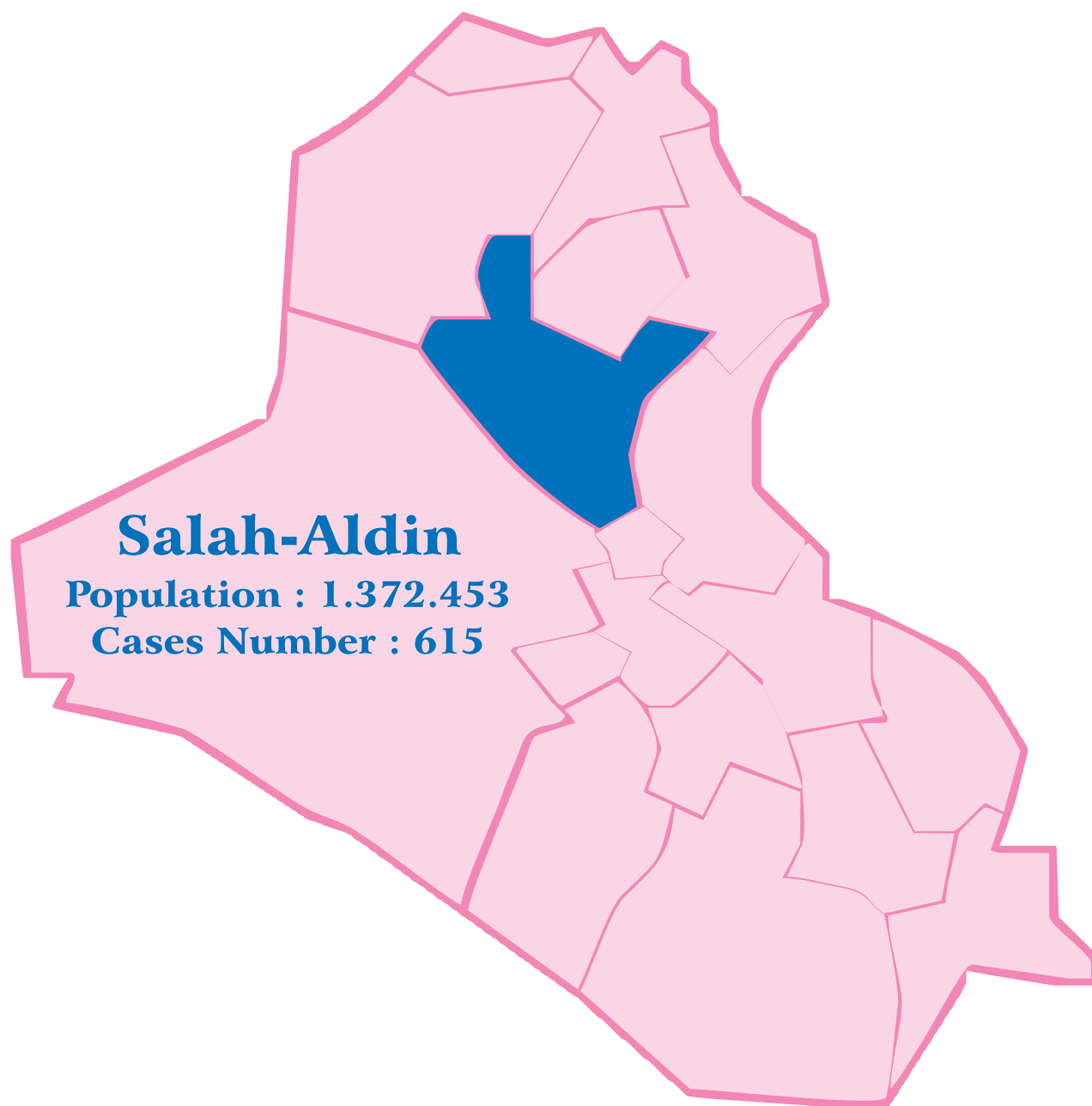


Table (19)

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	115	18.70	8.38
2- SKIN	60	9.76	4.37
3- BRONCHUS & LUNG	34	5.53	2.48
4- LEUKEMIA	32	5.20	2.33
5- BRAIN & OTHER CNS	30	4.88	2.19
6- BLADDER	29	4.72	2.11
7- NON-HODGKIN LYMPHOMA	28	4.55	2.04
8- THYROID GLAND	25	4.07	1.82
9- HODGKIN DISEASE	24	3.90	1.75
10- OVARY	23	3.74	1.68
TOTAL TEN	400	65.04	29.14
ALL SITES	615	100.00	44.81

Population of Salah-Alden Governorate in -2010 (1372453)

Figure (21) The commonest Ten Cancers By Registered Cases Per 100000 Population in Salah-Aldin

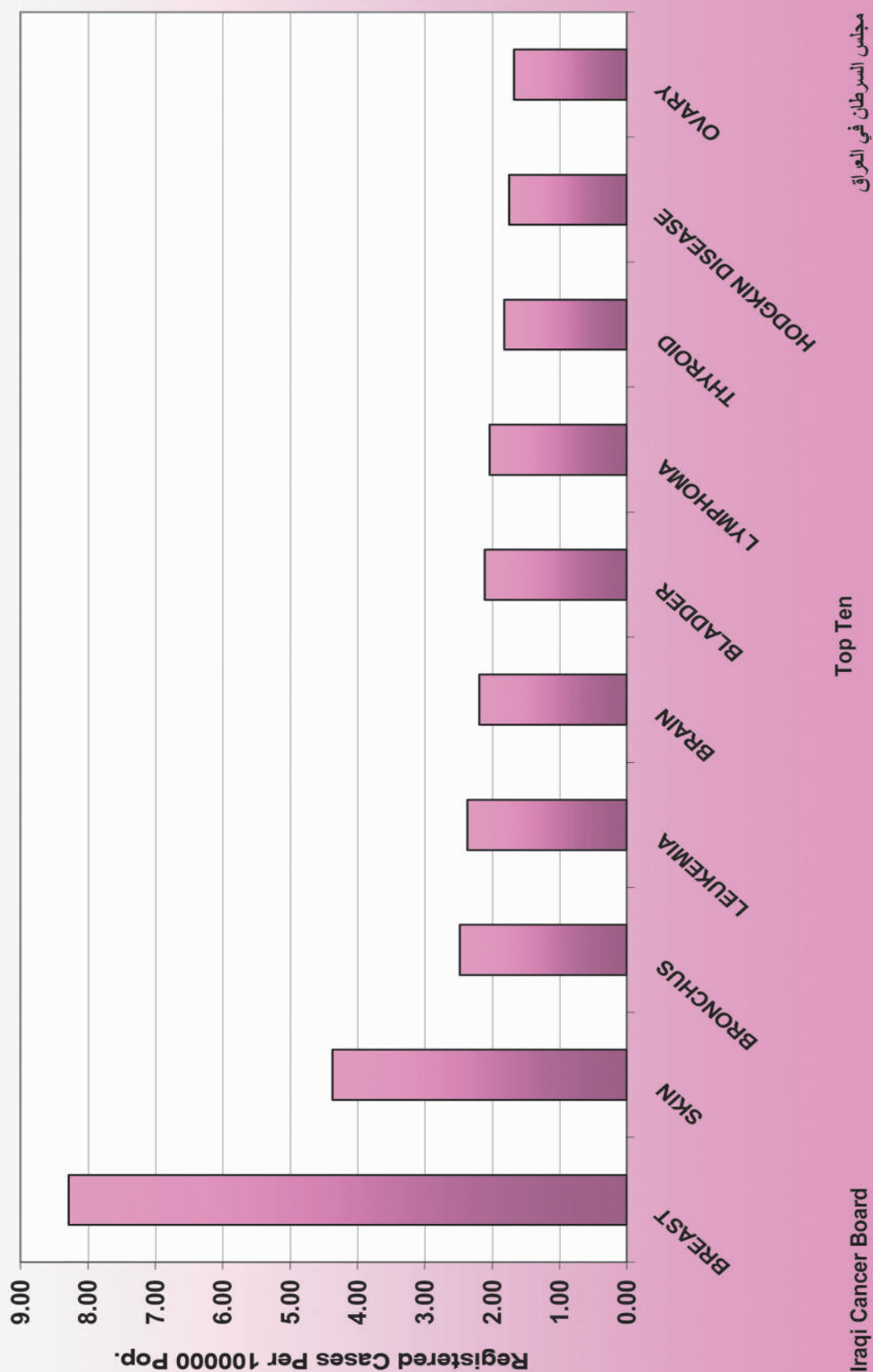


Table (20)

The Commonest Ten Cancer in Salah - Aldin Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

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	54	46.96	6	5.22	11	9.57	36	31.30	0	0.00	0	0.00	7	6.09	1	0.87	115	100.00
Skin	45	75.00	0	0.00	7	11.67	7	11.67	0	0.00	0	0.00	1	1.67	0	0.00	60	100.00
Bronchus & Lung	8	23.53	4	11.76	2	5.88	11	32.35	0	0.00	2	5.88	7	20.59	0	0.00	34	100.00
Leukemia	19	59.38	1	3.13	0	0.00	4	12.50	0	0.00	0	0.00	7	21.88	1	3.13	32	100.00
Brain & Other CNS	8	26.67	2	6.67	2	6.67	9	30.00	0	0.00	2	6.67	5	16.67	2	6.67	30	100.00
Bladder	18	62.07	1	3.45	2	6.90	6	20.69	1	3.45	0	0.00	1	3.45	0	0.00	29	100.00
Non - Hodgkin Lymphoma	4	14.29	3	10.71	10	35.71	4	14.29	1	3.57	0	0.00	6	21.43	0	0.00	28	100.00
Thyroid Larynx	19	76.00	2	8.00	1	4.00	3	12.00	0	0.00	0	0.00	0	0.00	0	0.00	25	100.00
Hodgkin Disease	9	37.50	0	0.00	2	8.33	3	12.50	4	16.67	0	0.00	6	25.00	0	0.00	24	100.00
Ovary	14	60.87	0	0.00	1	4.35	4	17.39	0	0.00		0.00	4	17.39	0	0.00	23	100.00
Total	198	49.50	19	4.75	38	9.50	87	21.75	6	1.50	4	1.00	44	11.00	4	1.00	400	100.00

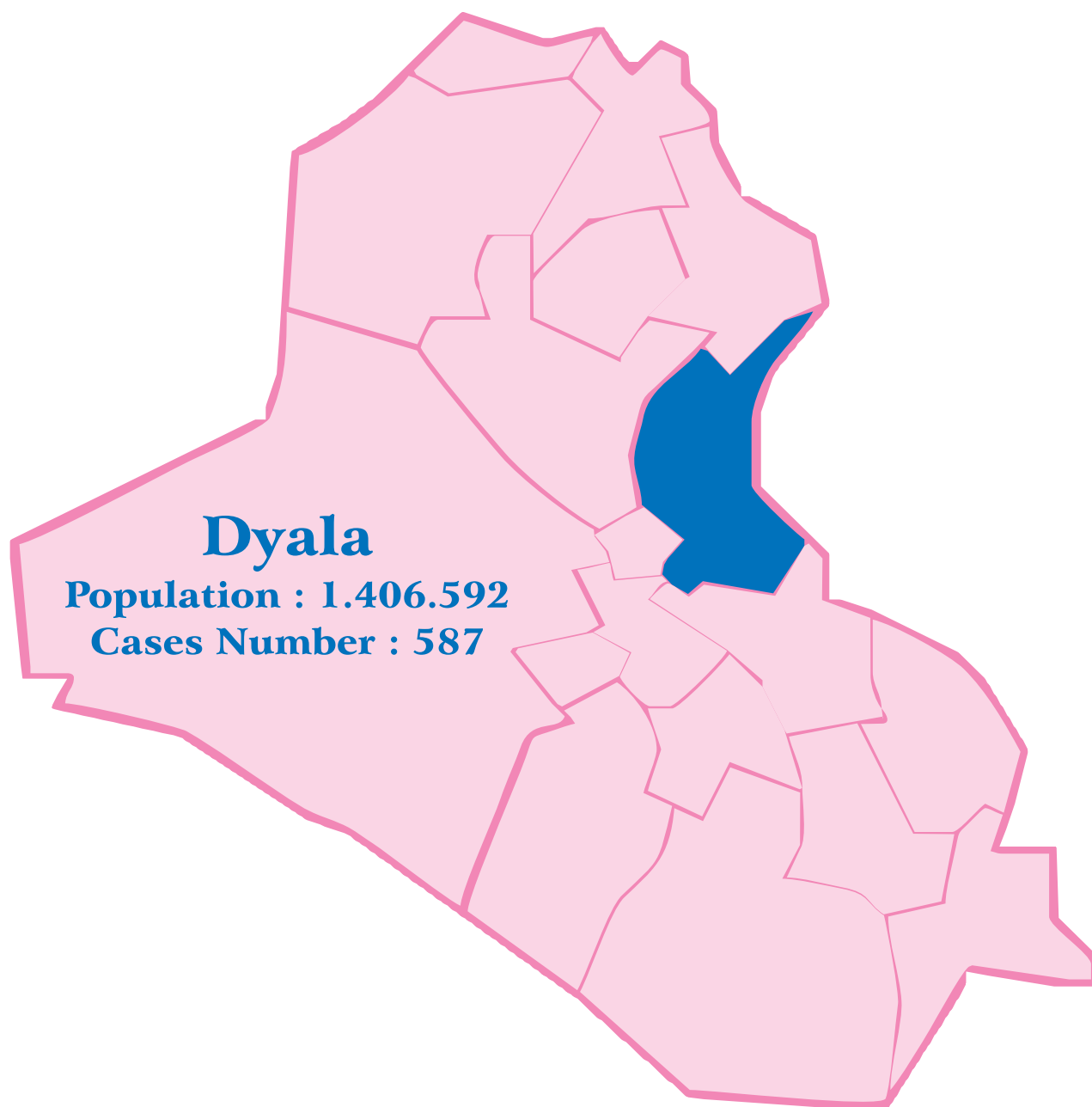


Table (21)

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	120	20.44	8.53
2- LEUKEMIA	46	7.84	3.27
3- BRONCHUS & LUNG	44	7.50	3.13
4- SKIN	44	7.50	3.13
5- BRAIN & OTHER CNS	40	6.81	2.84
6- NON-HODGKIN LYMPHOMA	23	3.92	1.64
7-HODGKIN DISEASE	23	3.92	1.64
8- STOMACH	22	3.75	1.56
9- BLADDER	22	3.75	1.56
10- SOFT TISSUES	16	2.73	1.14
TOTAL TEN	400	68.14	28.44
ALL SITES	587	100.00	41.73

Population of Dyala Governorate in -2010 (1406592)

Figure (22) The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Dyala

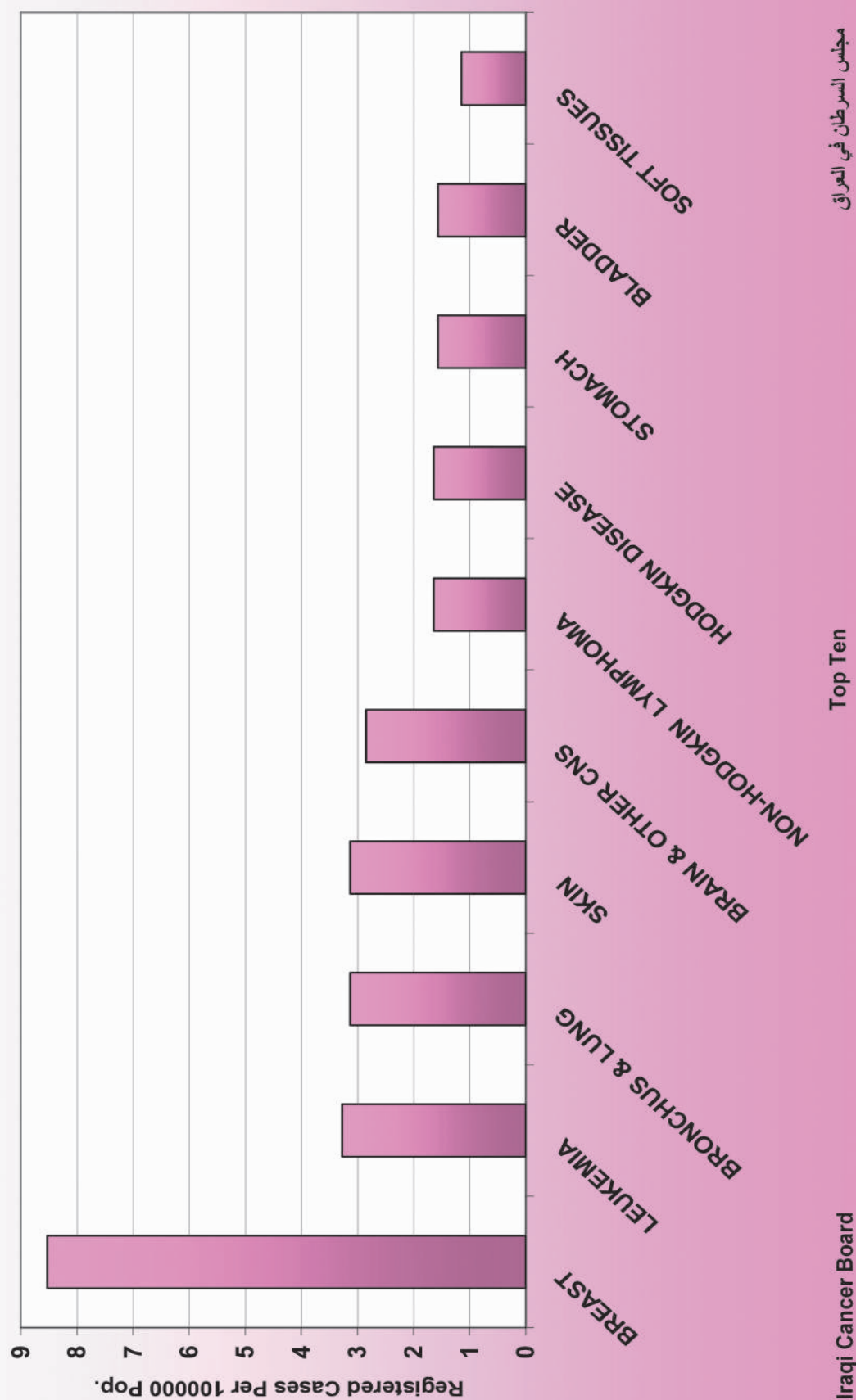


Table (22)

The Commonest Ten Cancer in Dyala Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	BAKOIBA		AL MUQDADIAH		AL KHALIS		BALADROOZE		KHANAKEEN		KIFFRI		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	62	51.67	13	10.83	17	14.17	15	12.50	12	10.00	1	0.83	120	100.00
Leukemia	28	60.87	3	6.52	6	13.04	4	8.70	5	10.87	0	0.00	46	100.00
Bronchus & Lung	22	50.00	4	9.09	6	13.64	6	13.64	6	13.64	0	0.00	44	100.00
Skin	20	45.45	8	18.18	11	25.00	3	6.82	2	4.55	0	0.00	44	100.00
Brain & Other CNS	17	42.50	3	7.50	12	30.00	1	2.50	6	15.00	1	2.50	40	100.00
Non-Hodgkin Lymphoma	14	60.87	2	8.70	2	8.70	0	0.00	5	21.74	0	0.00	23	100.00
Hodgkin Disease	17	73.91	2	8.70	2	8.70	0	0.00	2	8.70	0	0.00	23	100.00
Stomach	8	36.36	4	18.18	5	22.73	1	4.55	4	18.18	0	0.00	22	100.00
Bladder	11	50.00	3	13.64	5	22.73	3	13.64	0	0.00	0	0.00	22	100.00
Soft Tissues	4	25.00	5	31.25	4	25.00	0	0.00	2	12.50	1	6.25	16	100.00
Total	203	50.75	47	11.75	70	17.50	33	8.25	44	11.00	3	0.75	400	100.00

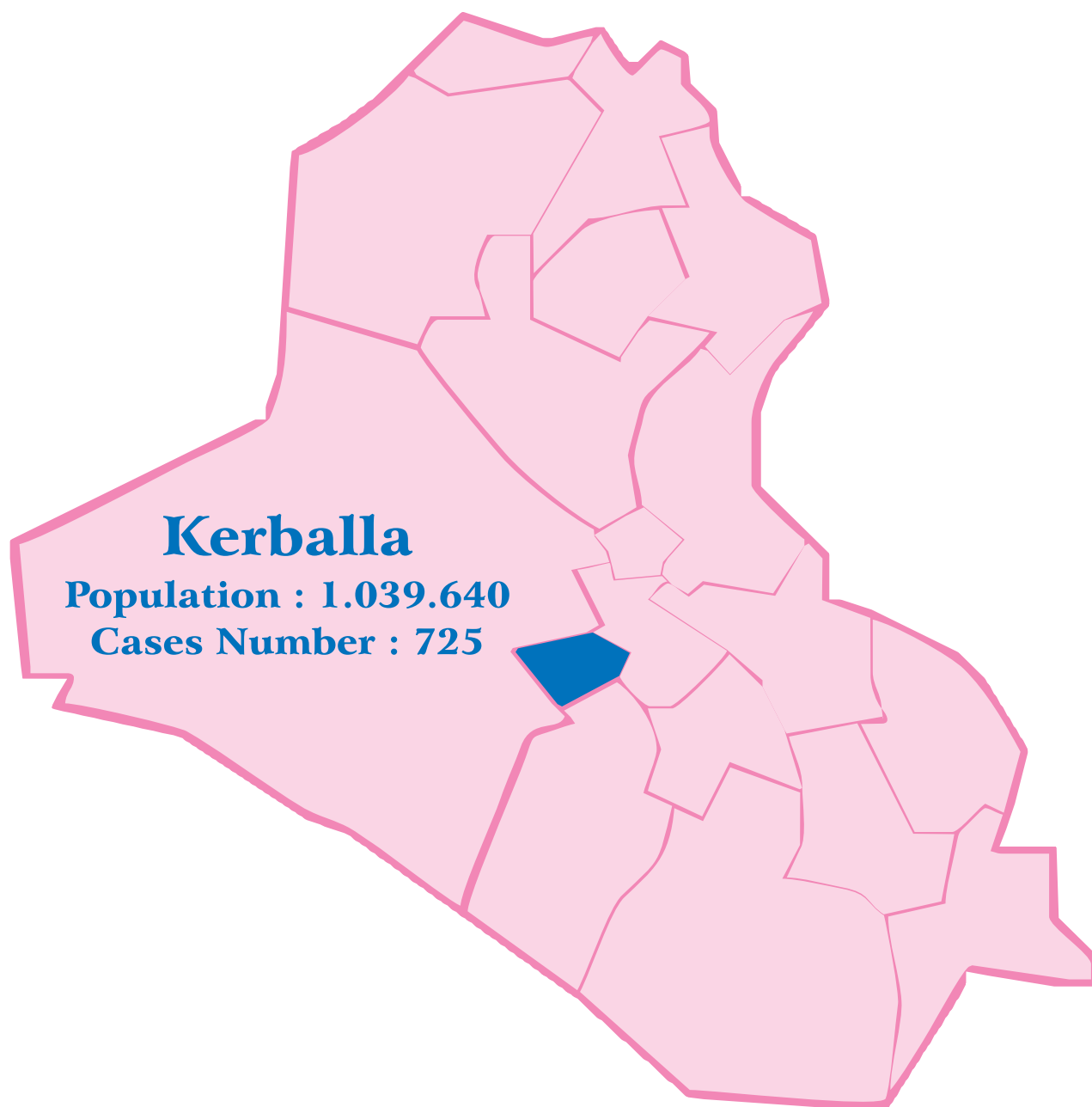


Table (23)

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	116	16.00	11.16
2- BLADDER	66	9.10	6.35
3- BRONCHUS & LUNG	57	7.86	5.48
4- LEUKEMIA	42	5.79	4.04
5- COLORECTAL	42	5.79	4.04
6- BRAIN & OTHER CNS	40	5.52	3.85
7- SKIN	36	4.97	3.46
8- STOMACH	32	4.41	3.08
9-OVARY	27	3.72	2.60
10 -THYRID	25	3.45	2.40
TOTAL TEN	483	66.62	46.46
ALL SITES	725	100.00	69.74

Population of *Kerballa* Governorate in - 2010 (1039640)

Figure (23) The Commonest Ten Cancers By Registered Cases Per 100000 Population in Kerballa

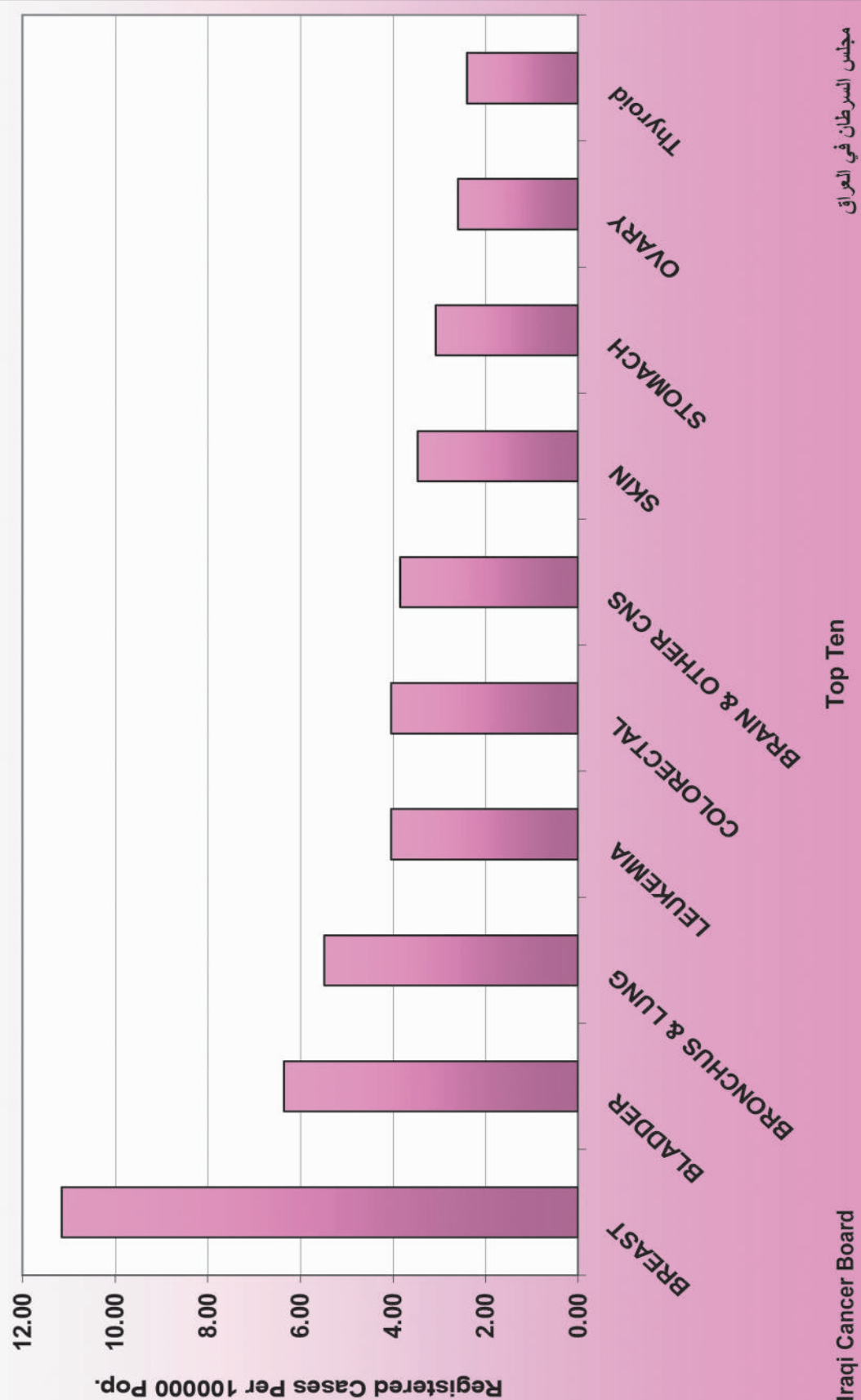


Table (24)

The Commonest Ten Cancer in Kerbala Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	KARBALLA		AIN TAMOUR		AL HINDIA		TOTAL	
	NO	%	NO	%	NO	%	NO	%
Breast	105	90.52	1	0.86	10	8.62	116	100.00
Bladder	56	84.85	0	0.00	10	15.15	66	100.00
Bronchus & Lung	44	77.19	0	0.00	13	22.81	57	100.00
Leukemia	34	80.95	2	4.76	6	14.29	42	100.00
Colorectal	38	90.48	0	0.00	4	9.52	42	100.00
Brain & Other CNS	32	80	1	2.50	7	17.50	40	100.00
Skin	27	75	0	0.00	9	25.00	36	100.00
Stomach	30	93.75	0	0.00	2	6.25	32	100.00
Ovary	22	81.48	0	0.00	4	14.81	27	100.00
Thyroid	24	96	1	4.00	1	4.00	25	100.00
Total	412	112.3	5	1.04	66	13.66	483	100.00

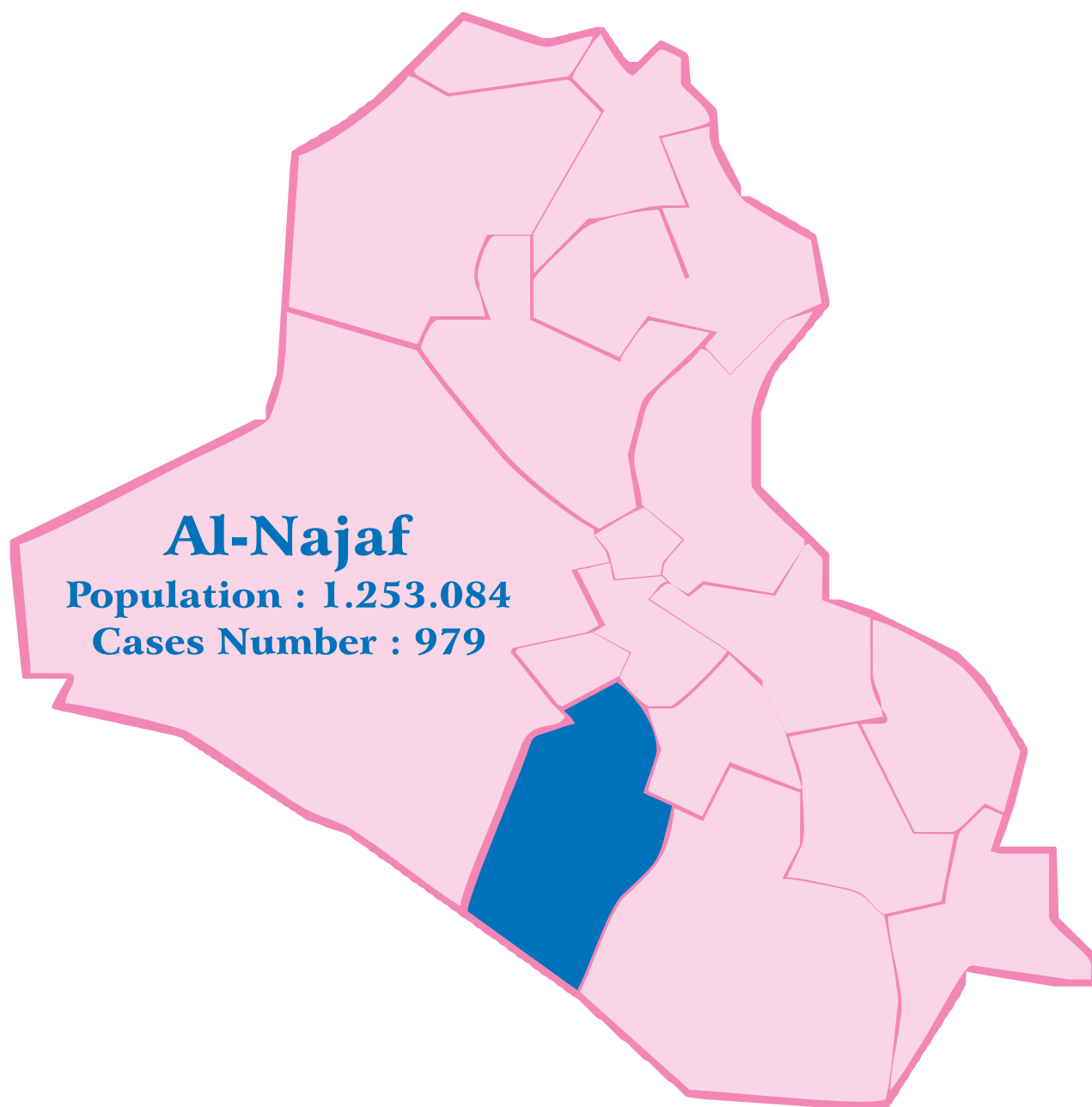


Table (25)

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	147	15.02	11.73
2- BRONCHUS & LUNG	121	12.36	9.66
3- BRAIN & OTHER CNS	64	6.54	5.11
4- BLADDER	61	6.23	4.87
5- LEUKEMIA	56	5.72	4.47
6- SKIN	52	5.31	4.15
7- COLORECTAL	51	5.21	4.07
8- NON-HODGKIN LYMPHOMA	38	3.88	3.03
9- STOMACH	33	3.37	2.63
10- THYROID	33	3.37	2.63
TOTAL TEN	656	67.01	52.35
ALL SITES	979	100.00	78.13

Population of *Al- Najaf* Governorate in - 2010 (1253084)

Figure (24) The Commonest Ten Cancers By Registered Cases Per 100000 Population in Al - Najaf

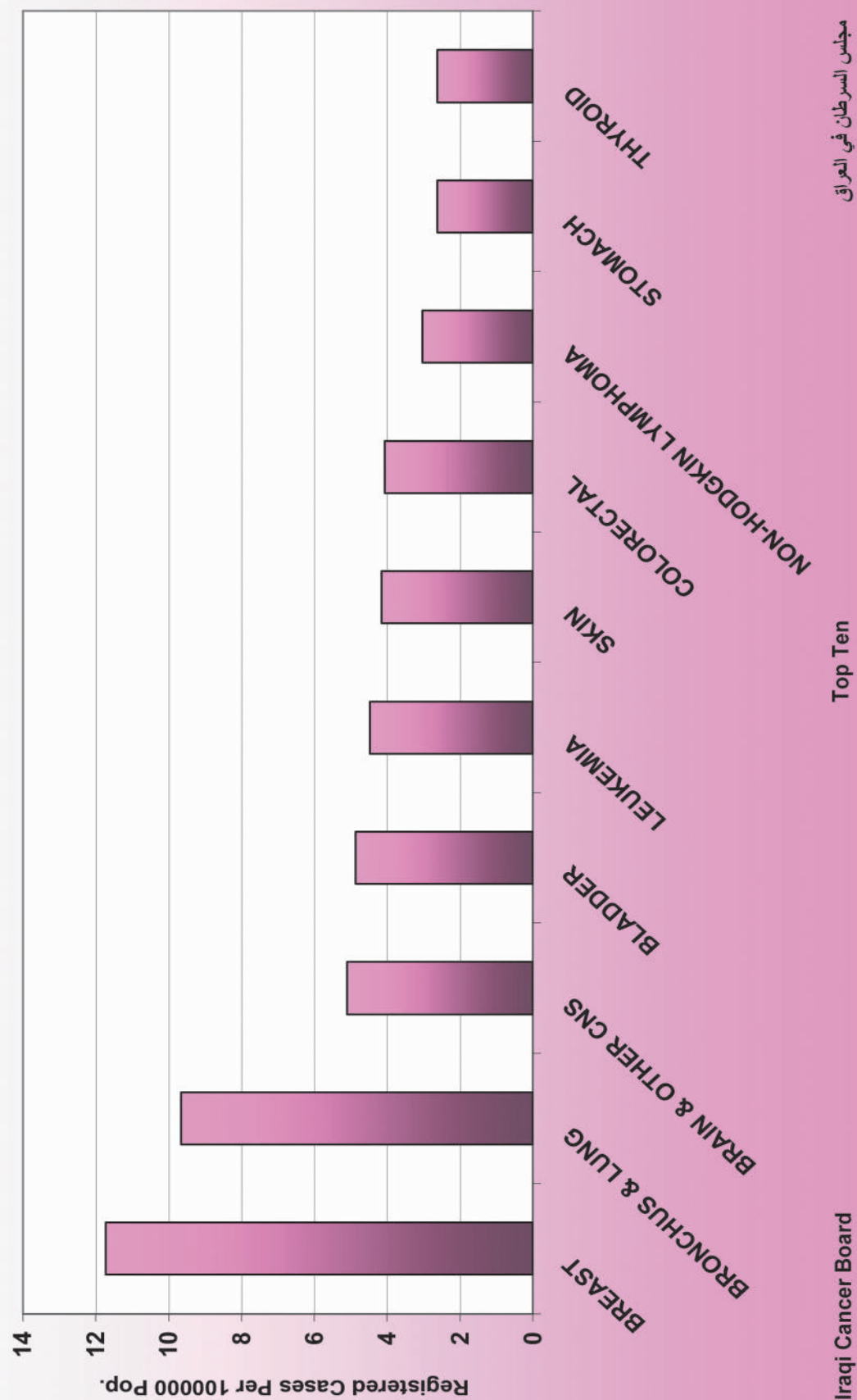


Table (26)

The Commonest Ten Cancer in AL- Najaf Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	AL NAJAF		AL KUFFA		AL MANATHRA		TOTAL	
	NO	%	NO	%	NO	%	NO	%
Breast	107	72.79	26	17.69	14	9.52	147	100.00
Bronchus & Lung	73	60.33	29	23.97	19	15.70	121	100.00
Brain & Other CNS	43	67.19	15	23.44	6	9.38	64	100.00
Bladder	44	72.13	9	14.75	8	13.11	61	100.00
Leukemia	45	80.36	6	10.71	5	8.93	56	100.00
Skin	31	59.62	11	21.15	10	19.23	52	100.00
Colorectal	35	68.63	9	17.65	7	13.73	51	100.00
Non-Hodgkin Lymphoma	19	50.00	8	21.05	11	28.95	38	100.00
Stomach	26	78.79	5	15.15	2	6.06	33	100.00
Thyroid	22	66.67	7	21.21	4	12.12	33	100.00
Total	445	67.84	125	19.05	86	13.11	656	100.00

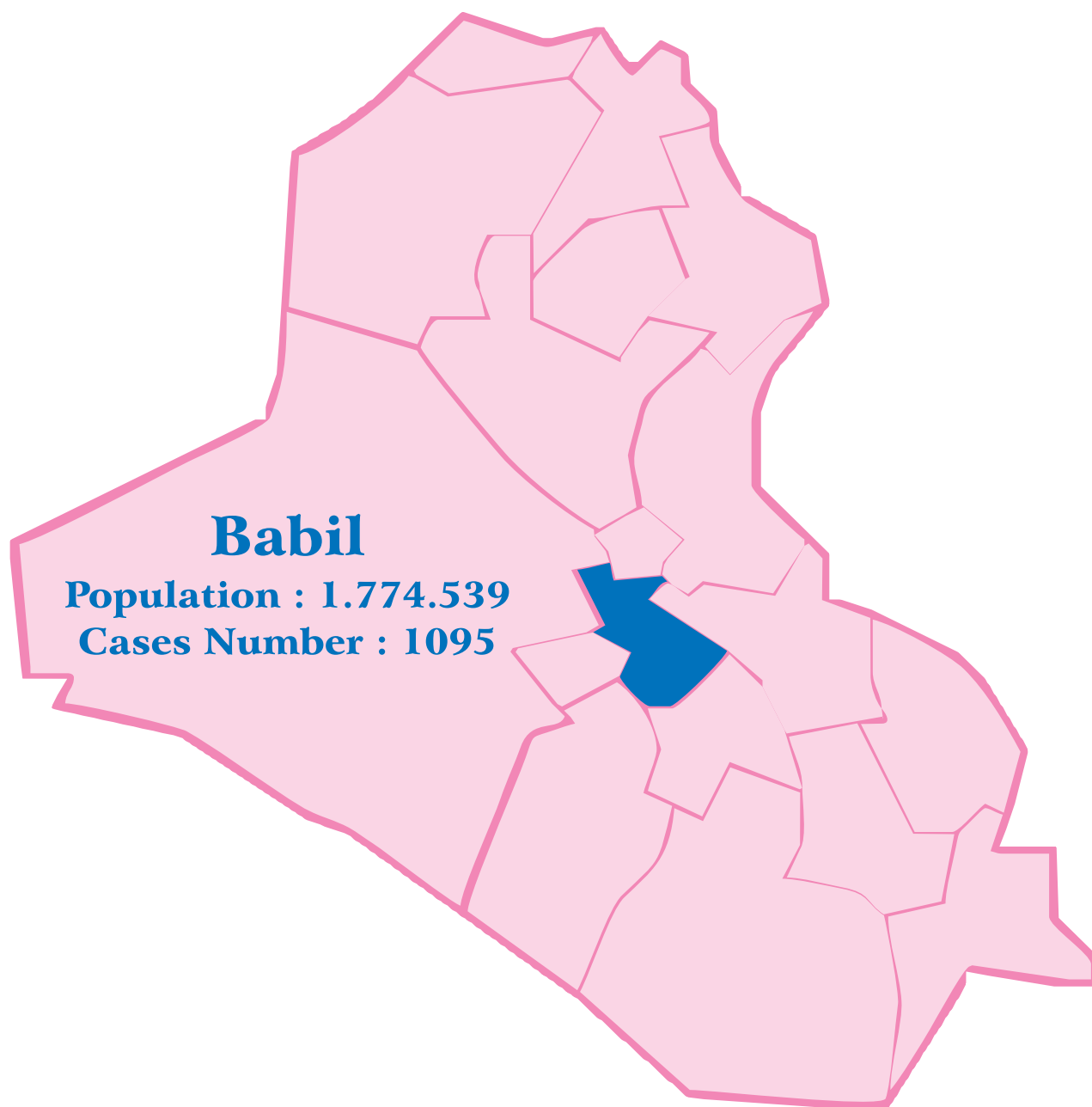


Table (27)

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	166	15.16	9.35
2- BRONCHUS & LUNG	150	13.70	8.45
3- LEUKEMIA	97	8.86	5.47
4- BLADDER	79	7.21	4.45
5- NON-HODGKIN LYMPHOMA	61	5.57	3.44
6- BRAIN & OTHER CNS	60	5.48	3.38
7- COLORECTAL	52	4.75	2.93
8- PANCREAS	35	3.20	1.97
9-STOMACH	33	3.01	1.86
10- LARYNX	30	2.74	1.69
TOTAL TEN	763	69.68	43.00
ALL site	1095	100.00	61.71

Population of *Babil* Governorate in - 2010 (1774539)

Figure (25)
The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Babil

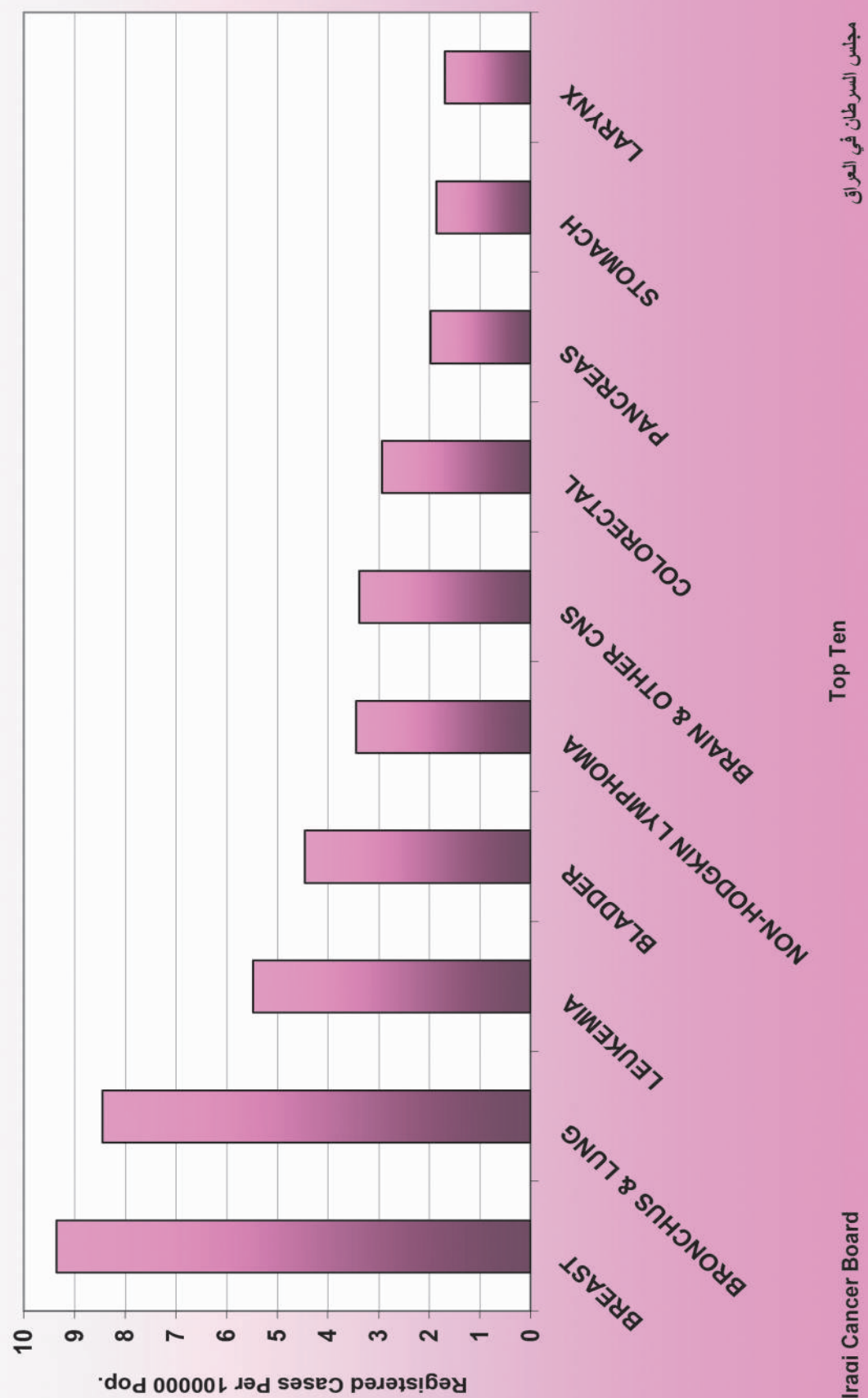


Table (28)

The Commonest Ten Cancer in Babil Districts

Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	AL HILLA		AL MAHAWEEL		AL HASHIMIAH		AL MISSAIAB		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	90	54.22	17	10.24	21	12.65	38	22.89	166	100.00
Bronchus & Lung	79	52.67	22	14.67	27	18.00	22	14.67	150	100.00
Leukemia	58	59.79	13	13.40	14	14.43	12	12.37	97	100.00
Bladder	40	50.63	11	13.92	9	11.39	19	24.05	79	100.00
Non -Hodgkin Lymphoma	32	52.46	3	4.92	14	22.95	12	19.67	61	100.00
Brain & Other CNS	31	51.67	8	13.33	7	11.67	14	23.33	60	100.00
Colorectal	23	44.23	8	15.38	4	7.69	17	32.69	52	100.00
Pancreas	20	57.14	4	11.43	7	20.00	4	11.43	35	100.00
Stomach	14	42.42	7	21.21	5	15.15	7	21.21	33	100.00
Larynx	17	56.67	5	16.67	6	20.00	2	6.67	30	100.00
Total	404	52.95	98	12.84	114	14.94	147	19.27	763	100.00

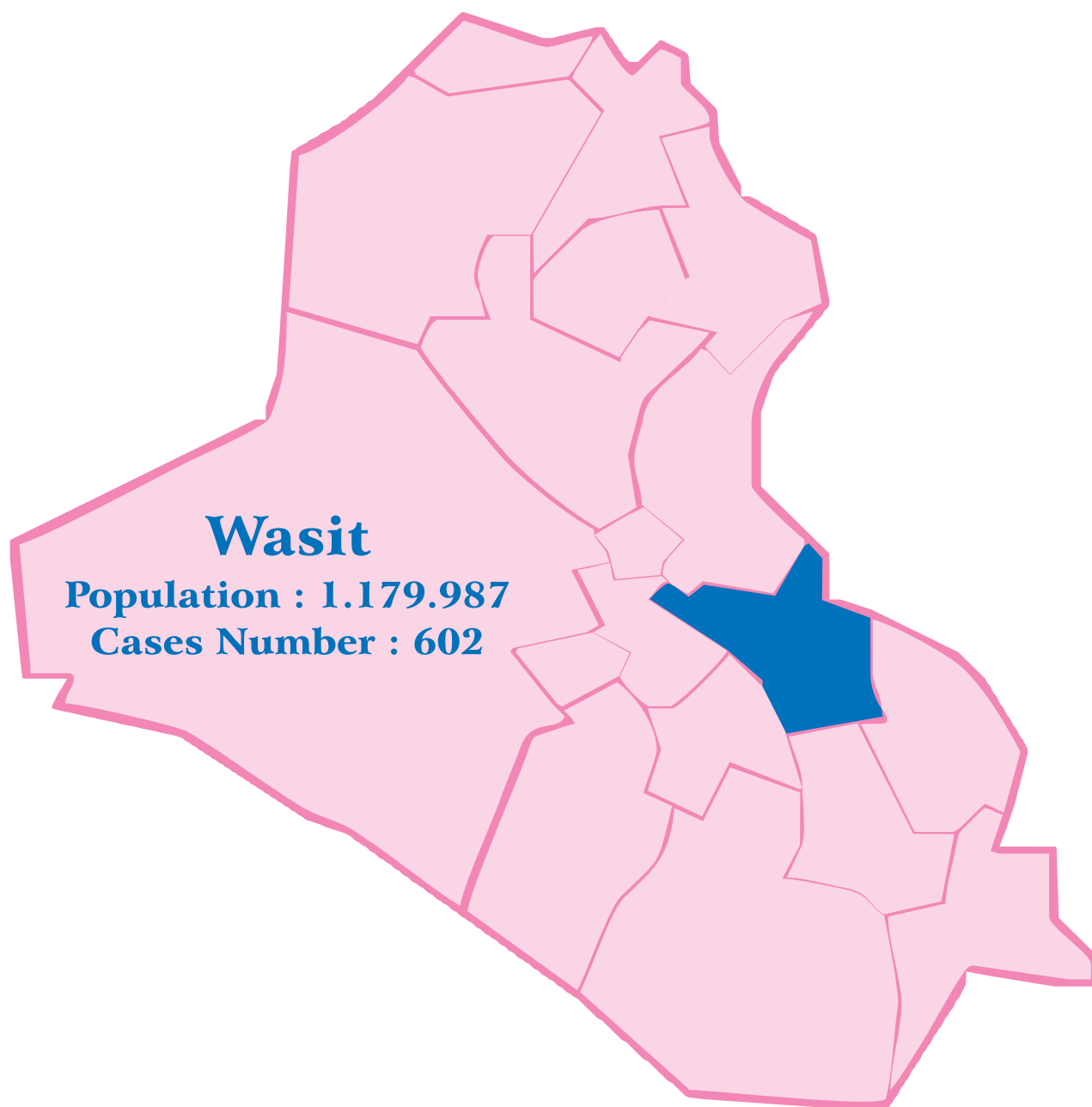


Table (29)

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- BREAST	98	16.28	8.31
2- BRONCHUS & LUNG	64	10.63	5.42
3- BLADDER	61	10.13	5.17
4- BRAIN & OTHER CNS	41	6.81	3.47
5- NON-HODGKIN LYMPHOMA	28	4.65	2.37
6- LEUKEMIA	27	4.49	2.29
7- SKIN	25	4.15	2.12
8- COLORECTAL	22	3.65	1.86
9- LARYNX	18	2.99	1.53
10- HODGKIN DISEASE	18	2.99	1.53
TOTAL TEN	402	66.78	34.07
ALL SITES	602	100.00	51.02

Population of Wasit Governorate in - 2010 (1179987)

Figure (26)
The Commonst Ten Cancers By Registered Cases per 100000 Population
in Wasit

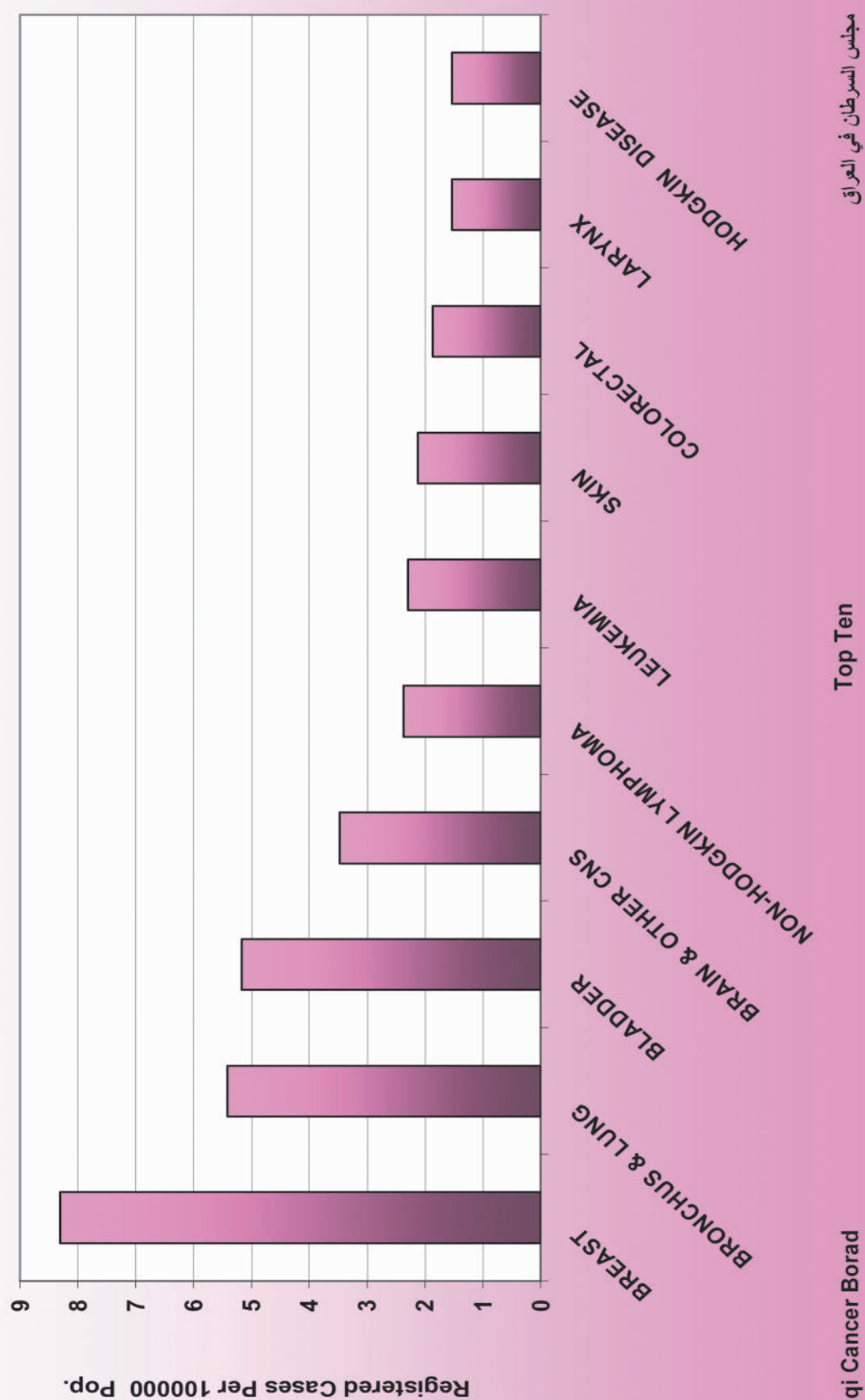


Table (30)

The Commonest Ten Cancer in Wasit Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	AL KUT		AL NUMANIAH		AL HAY		BADRA		AL SUARRAH		AL AZIYA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	59	60.20	9	9.18	6	6.12	1	1.02	23	23.47	0	0.00	98	100.00
Bronchus & Lung	30	46.88	0	0.00	11	17.19	0	0.00	23	35.94	0	0.00	64	100.00
Bladder	30	49.18	7	11.48	10	16.39	1	1.64	13	21.31	0	0.00	61	100.00
Brain & Other CNS	22	53.66	3	7.32	2	4.88	0	0.00	13	31.71	1	2.44	41	100.00
Non-Hodgkin Lymphoma	18	64.29	0	0.00	1	3.57	0	0.00	9	32.14	0	0.00	28	100.00
Leukemia	17	62.96	0	0.00	3	11.11	0	0.00	7	25.93	0	0.00	27	100.00
Skin	17	68.00	0	0.00	3	12.00	0	0.00	5	20.00	0	0.00	25	100.00
Colorectal	15	68.18	4	18.18	2	9.09	1	4.55	0	0.00	0	0.00	22	100.00
Larynx	8	44.44	3	16.67	3	16.67	2	11.11	2	11.11	0	0.00	18	100.00
Hodgkin Disease	10	55.56	1	5.56	1	5.56	0	0.00	6	33.33	0	0.00	18	100.00
Total	226	56.22	27	6.72	42	10.45	5	1.24	101	25.12	1	0.25	402	100.00

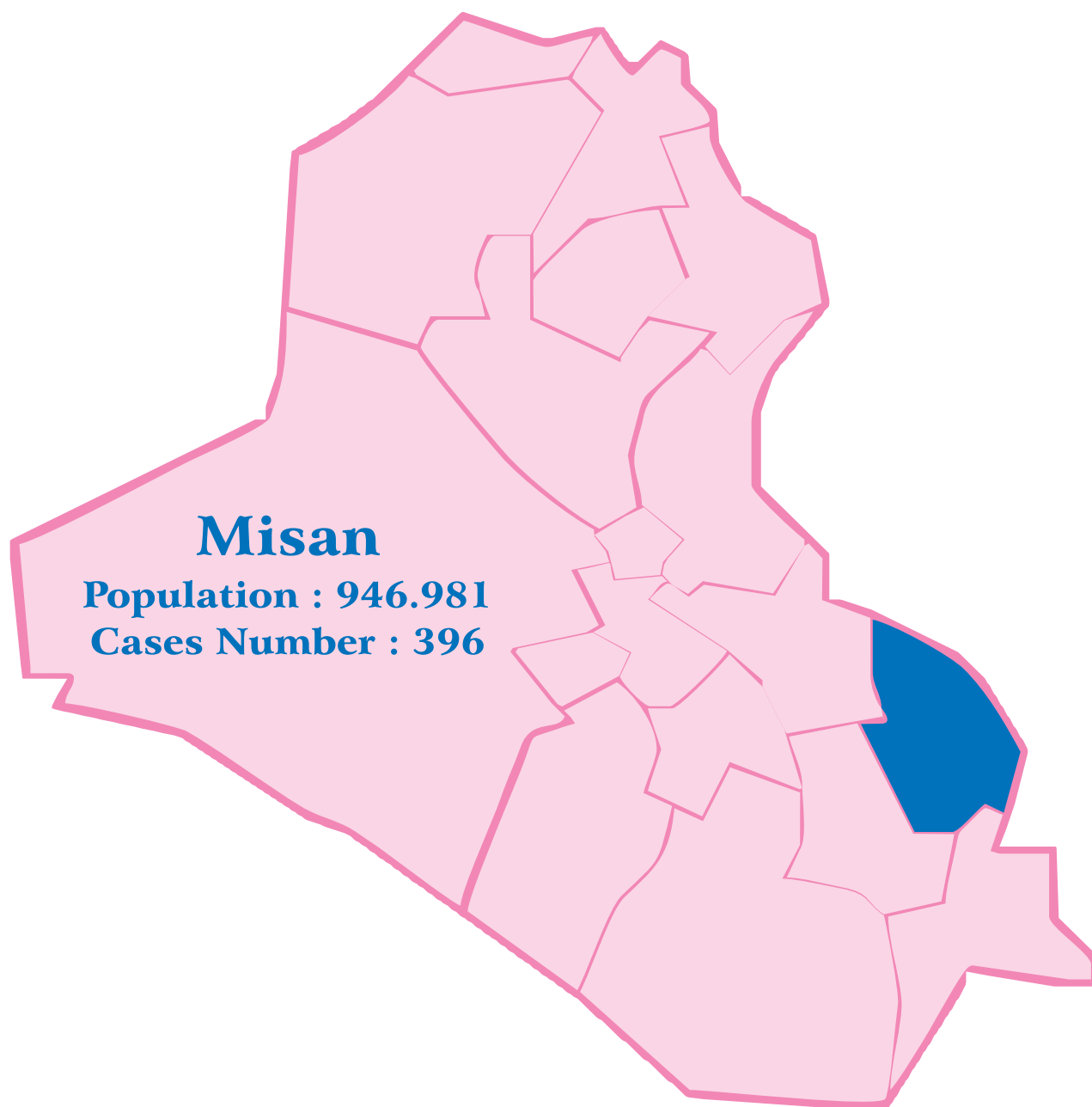


Table (31)

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	67	16.92	7.08
2-LEUKEMIA	43	10.86	4.54
3-BRONCHUS&LUNG	36	9.09	3.80
4-NON-HODGKIN LYMPHOMA	29	7.32	3.06
5-BLADDER	23	5.81	2.43
6-BRAIN & OTHER CNS	20	5.05	2.11
7-COLORECTA	17	4.29	1.80
8-LIVER	11	2.78	1.16
9-SKIN	11	2.78	1.16
10-BONE-OTHER	10	2.53	1.06
TOTAL TEN	267	67.42	28.19
ALL SITES	396	100.00	41.82

Population of *Misan* Governorate in - 2010 (946981)

Figure (27)
The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Misan

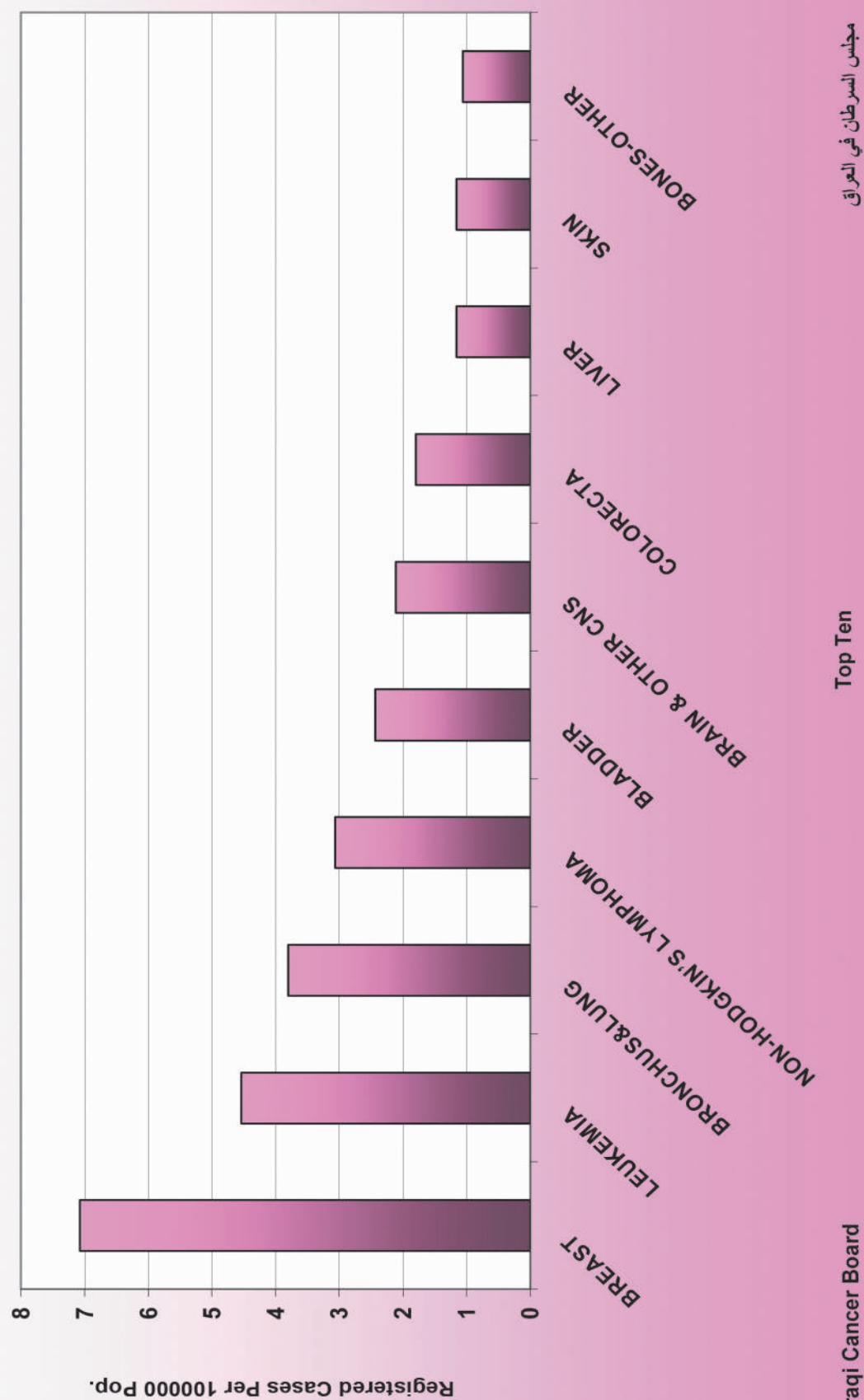


TABLE (32)
The Commonest Ten Cancer in Misan Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	AL AMMARHA		ALI ALGHARBI		AL MAYMOONA		QALAT SALIH		ALMAJAR AL KABER		AL KAHILAA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	55	82.09	2	2.99	0	0.00	4	5.97	3	4.48	3	4.48	67	100.00
Leukemia	36	83.72	0	0.00	3	6.98	2	4.65	1	2.33	1	2.33	43	100.00
Bronchus & Lung	31	86.11	0	0.00	2	5.56	1	2.78	2	5.56	0	0.00	36	100.00
Non-Hodgkin Lymphoma	17	58.62	3	10.34	1	3.45	4	13.79	3	10.34	1	3.45	29	100.00
Bladder	19	82.61	0	0.00	2	8.70	0	0.00	2	8.70	0	0.00	23	100.00
Brain & Other CNS	14	70.00	0	0.00	0	0.00	2	10.00	3	15.00	1	5.00	20	100.00
Colorectal	14	82.35	0	0.00	1	5.88	1	5.88	1	5.88	0	0.00	17	100.00
Liver	8	72.73	0	0.00	1	9.09	0	0.00	1	9.09	1	9.09	11	100.00
Skin	7	63.64	0	0.00	1	9.09	0	0.00	3	27.27	0	0.00	11	100.00
Bones-other	9	90.00	0	0.00	1	10.00	0	0.00	0	0.00	0	0.00	10	100.00
Total	210	78.65	5	1.87	12	4.49	14	5.24	19	7.12	7	2.62	267	100.00

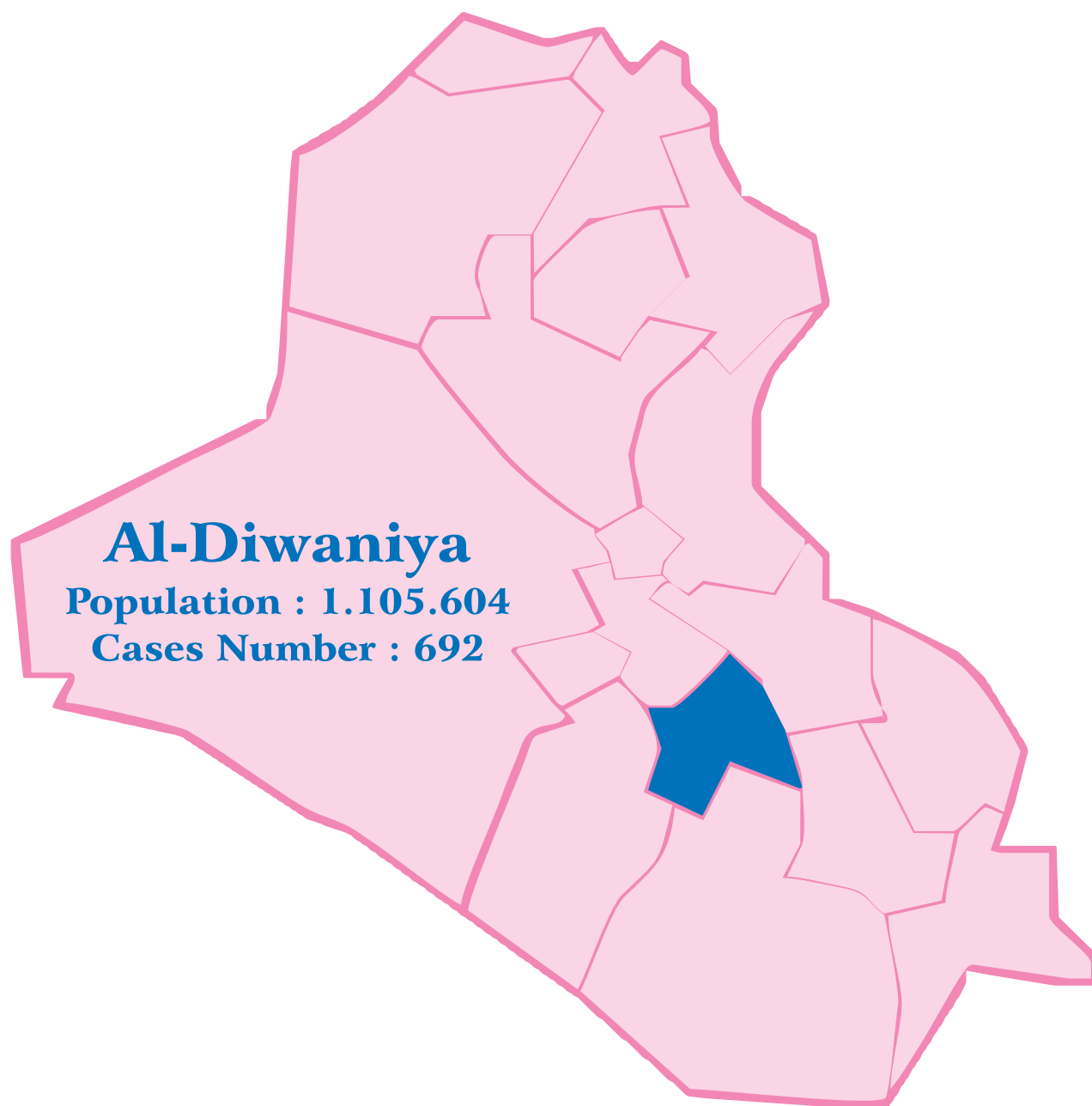


Table (33)

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	120	17.34	10.85
2- BRONCHUS&LUNG	63	9.10	5.70
3- BLADDER	60	8.67	5.43
4- LEUKEMIA	52	7.51	4.70
5- COLORECTAL	45	6.50	4.07
6- SKIN	42	6.07	3.80
7- NON-HODGKIN LYMPHOMA	39	5.64	3.53
8- BRAIN & OTHER CNS	31	4.48	2.80
9- LARYNX	27	3.90	2.44
10- STOMACH	23	3.32	2.08
TOTAL TEN	502	72.54	45.41
ALL SITES	692	100.00	62.59

Population of Diwaniya Governorate in - 2010 (1105604)

Figure (28)
The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Diwaniya

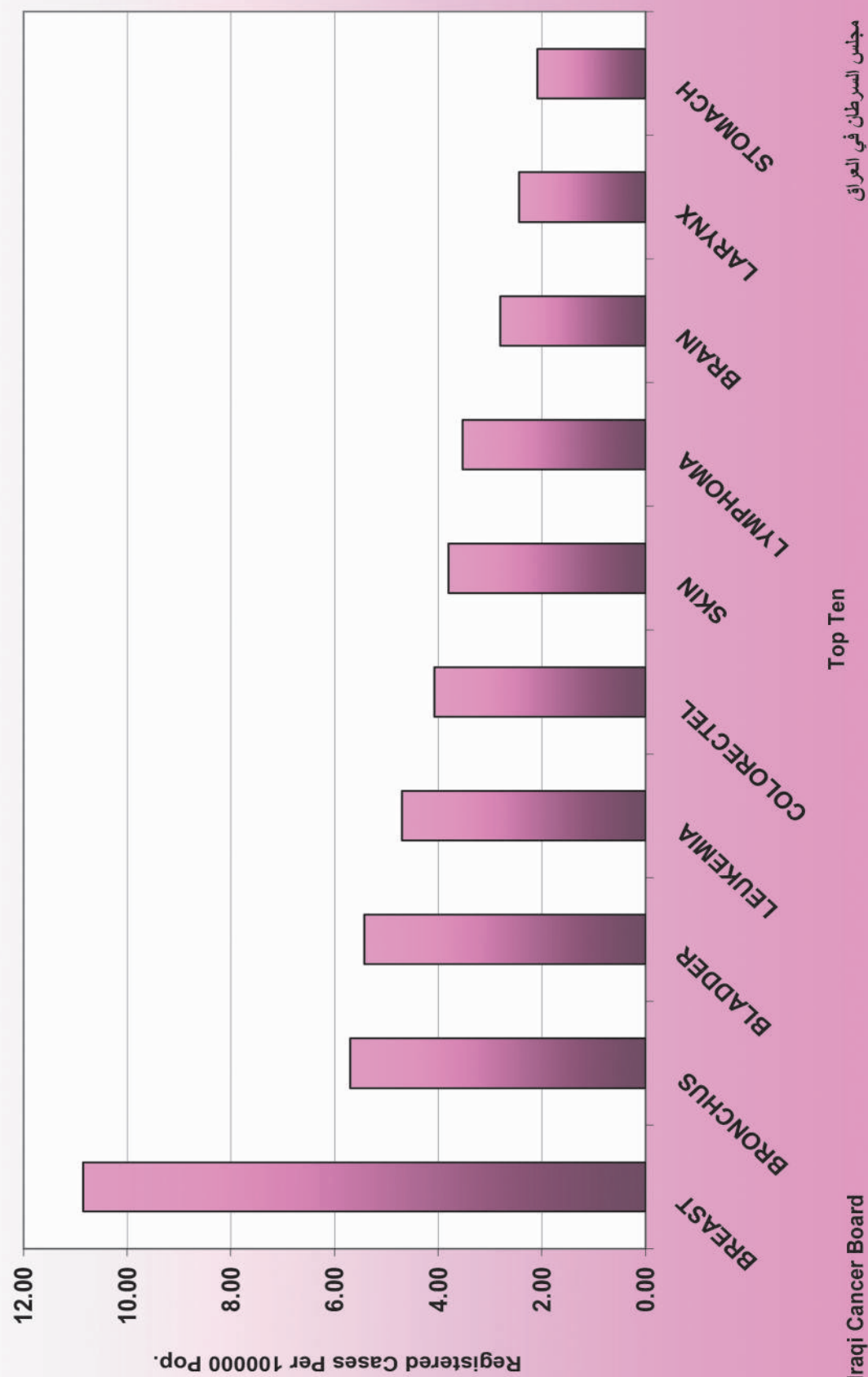


Table (34)
The Commonest Ten Cancer in AL-Diwaniya Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	AL DIWANYIA		AFFAK		AL SHAMIAH		AL HAMZA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	91	75.83	5	4.17	9	7.50	15	12.50	120	100
Bronchus & Lung	43	68.25	3	4.76	10	15.87	7	11.11	63	100
Bladder	52	86.67	3	5.00	3	5.00	2	3.33	60	100
Leukemia	40	76.92	2	3.85	5	9.62	5	9.62	52	100
Colorectal	29	64.44	4	8.89	9	20.00	3	6.67	45	100
Skin	32	76.19	2	4.76	3	7.14	5	11.90	42	100
Non-Hodgkin Lymphoma	29	74.36	2	5.13	3	7.69	5	12.82	39	100
Brain & Other	20	64.52	0	0.00	9	29.03	2	6.45	31	100
Larynx	20	74.07	0	0.00	4	14.81	3	11.11	27	100
Stomach	15	65.22	2	8.70	5	21.74	1	4.35	23	100
Total	371	73.90	23	4.58	60	11.95	48	89.86	502	100

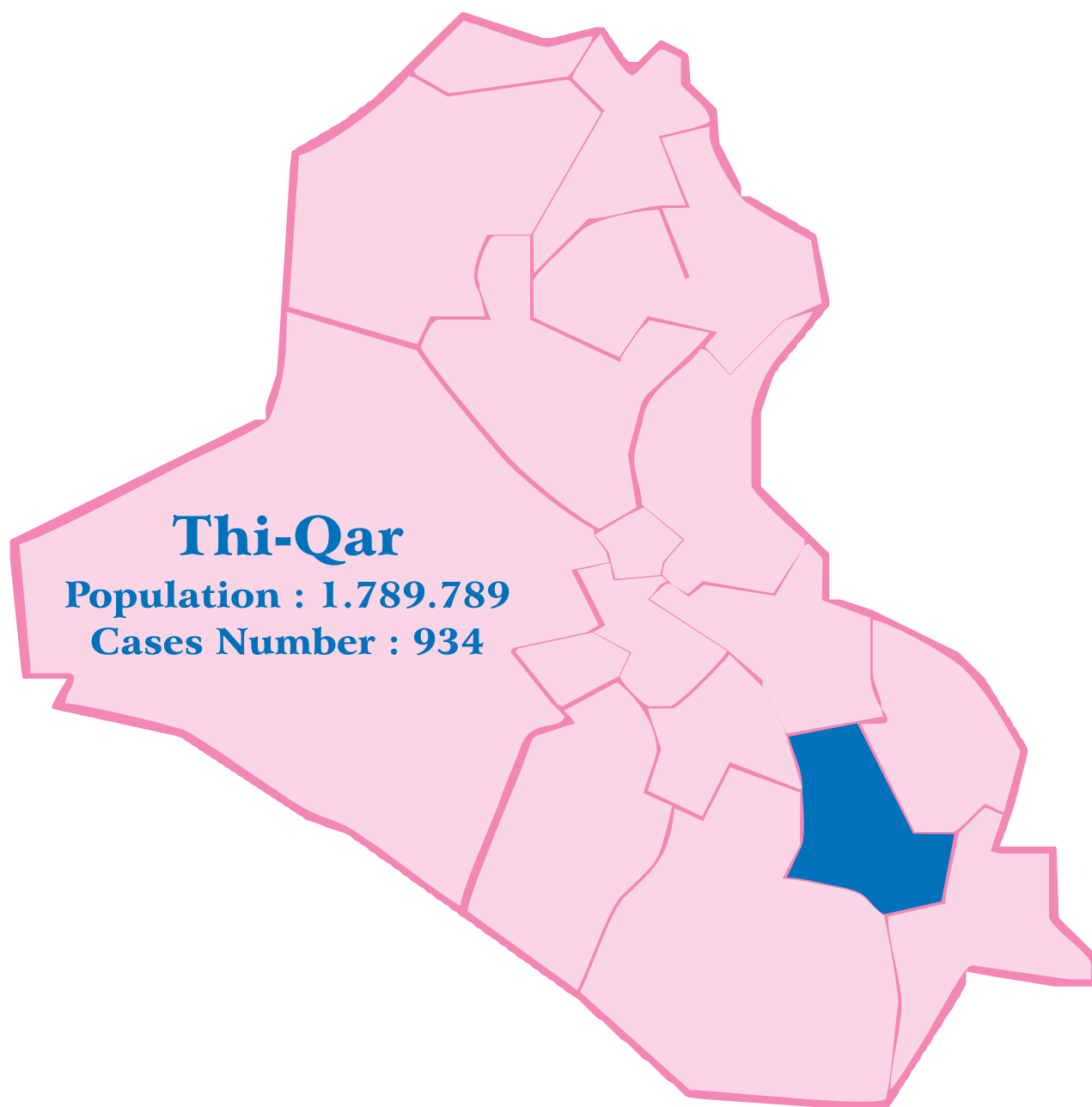


Table (35)

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 /105 POP.
1-BREAST	115	12.31	6.43
2- BLADDER	101	10.81	5.64
3- BRONCHUS&LUNG	78	8.35	4.36
4- LEUKEMIA	66	7.07	3.69
5- COLORECTAL	52	5.57	2.91
6- BRAIN & OTHER CNS	48	5.14	2.68
7- SKIN	44	4.71	2.46
8- NON-HODGKIN LYMPHOMA	43	4.60	2.40
9- THYROID GLAND	34	3.64	1.90
10- PANCREAS	26	2.78	1.45
TOTAL TEN	607	64.99	33.91
ALL SITES	934	100.00	52.18

Population of The-Qar Governorate in - 2010 (1789789)

Figure (29)
The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Thi - Qar



Table (36)

The Commonest Ten Cancer in Thi-Qar Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	AL NASSIRYIAH		AL RIFFAEY		SOOK AL SHIOOKH		AL JABAISH		AL SHATTRA		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	73	63.48	14	12.17	10	8.70	3	2.61	15	13.04	115	100.00
Bladder	54	53.47	15	14.85	12	11.88	6	5.94	14	13.86	101	100.00
Bronchus & Lung	43	55.13	8	10.26	7	8.97	4	5.13	16	20.51	78	100.00
Leukemia	35	53.03	5	7.58	6	9.09	6	9.09	14	21.21	66	100.00
Colorectal	30	57.69	5	9.62	7	13.46	2	3.85	8	15.38	52	100.00
Brain & Other CNS	23	47.92	10	20.83	4	8.33	1	2.08	10	20.83	48	100.00
Skin	30	68.18	4	9.09	2	4.55	2	4.55	6	13.64	44	100.00
Non-Hodgkin Lymphoma	17	39.53	4	9.30	12	27.91	3	6.98	7	16.28	43	100.00
Thyroid Gland	26	76.47	2	5.88	2	5.88	1	2.94	3	8.82	34	100.00
Pancreas	16	61.54	2	7.69	2	7.69	1	3.85	5	19.23	26	100.00
Total	347	57.17	69	11.37	64	10.54	29	4.78	98	16.14	607	100.00

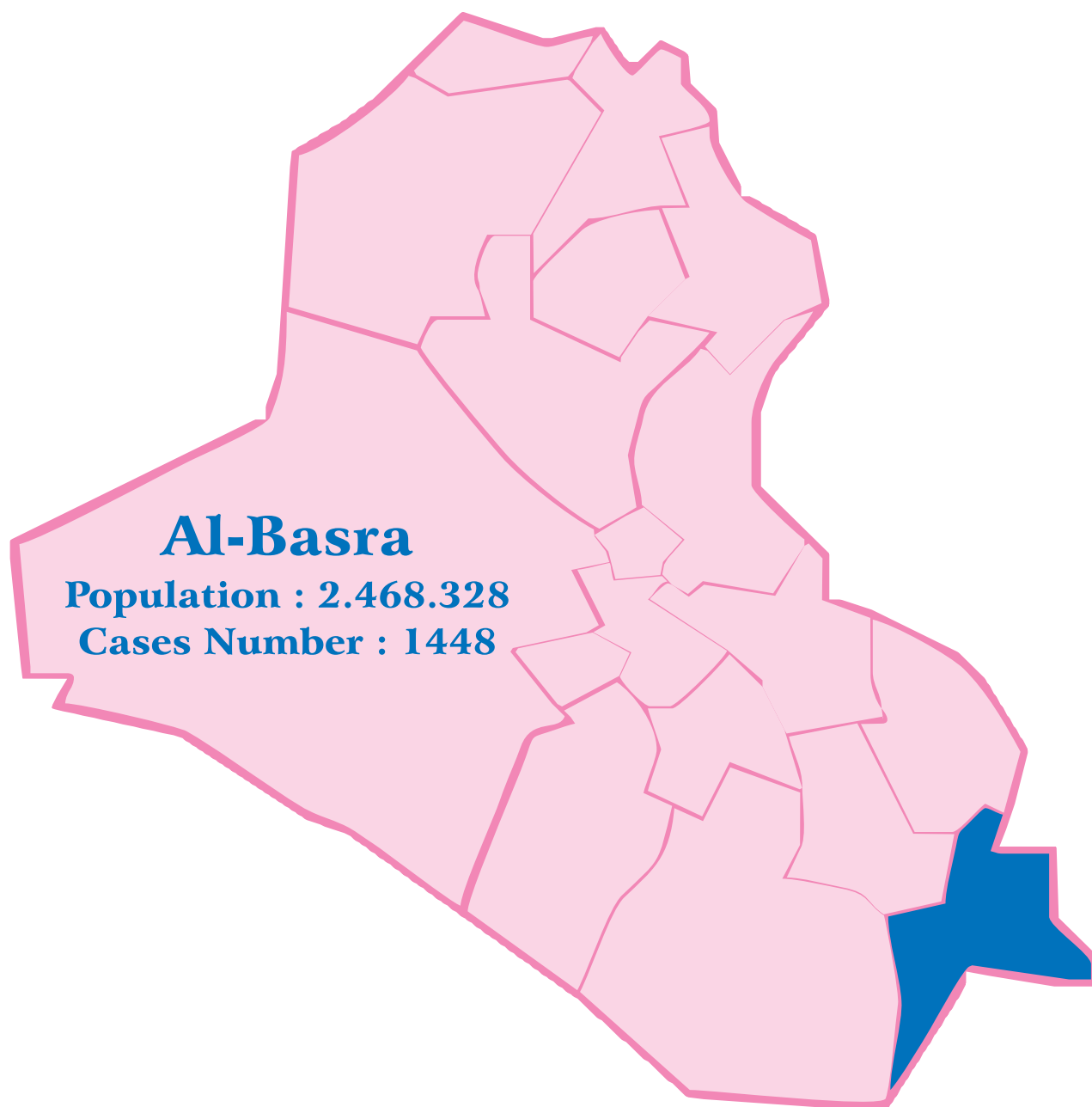


Table (37)

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	276	19.06	11.18
2- LEUKEMIA	120	8.29	4.86
3- BRONCHUS & LUNG	110	7.60	4.46
4- NON-HODGKIN LYMPHOMA	99	6.84	4.01
5- BRAIN & OTHER CNS	81	5.59	3.28
6- COLORECTAL	70	4.83	2.84
7- BLADDER	68	4.70	2.75
8- STOMACH	52	3.59	2.11
9- HODGKIN DISEASE	51	3.52	2.07
10- PANCREAS	49	3.38	1.99
TOTAL TEN	976	67.40	39.54
ALL SITES	1448	100.00	58.66

Population of AL- Basreh Governorate in - 2010 (2468328)

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

Figure (30)

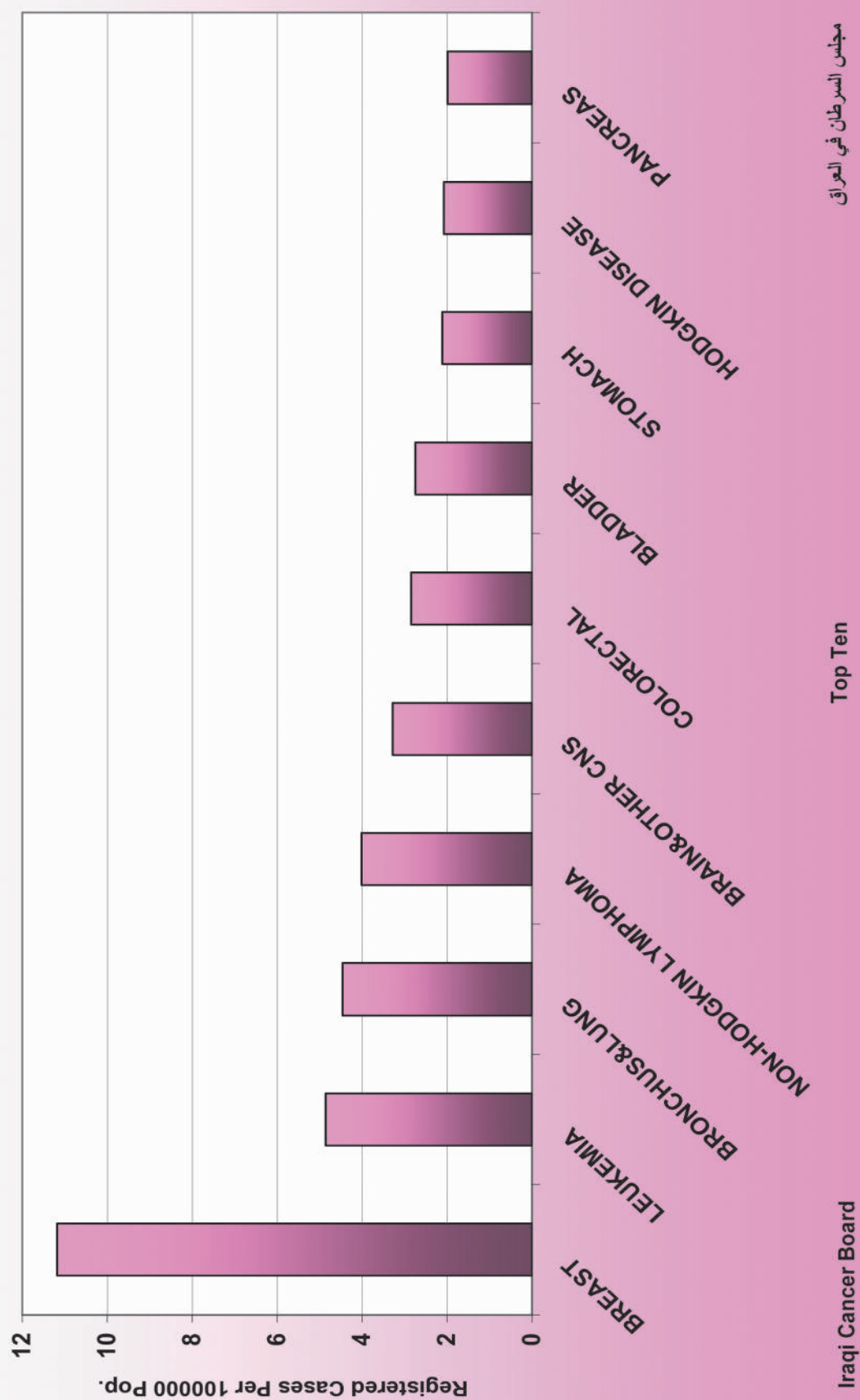


Table (38)

The Commonest Ten Cancer in Al-Basrah Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	BASRAH		ABU ALKHASSEB		AL ZUBAIR		AL QOORNA		AL - FAW		SHATT ALARAB		ALMDAINAH		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	169	61.23	34	12.32	38	13.77	14	5.07	1	0.36	5	1.81	15	5.43	276	100
Leukemia	60	50.00	23	19.17	13	10.83	8	6.67	1	0.83	2	1.67	13	10.83	120	100
Bronchus & Lung	51	46.36	10	9.09	19	17.27	7	6.36	2	1.82	6	5.45	15	13.64	110	100
Non-Hodgkin Lymphoma	45	45.45	12	12.12	15	15.15	3	3.03	4	4.04	7	7.07	13	13.13	99	100
Brain & Other CNS	44	54.32	4	4.94	19	23.46	3	3.70		0.00	3	3.70	8	9.88	81	100
Colorectal	43	61.43	9	12.86	10	14.29	4	5.71		0.00	2	2.86	2	2.86	70	100
Bladder	40	58.82	5	7.35	10	14.71	7	10.29		0.00	1	1.47	5	7.35	68	100
Stomach	38	73.08	3	5.77	3	5.769	1	1.92	1	1.92	3	5.77	3	5.77	52	100
Hodgkin Disease	25	49.02	8	15.69	4	7.843	3	5.88	1	1.96	2	3.92	8	15.69	51	100
Pancreas	25	51.02	6	12.24	4	8.163	4	8.16		0.00		0.00	10	20.41	49	100
Total	540	550.74	114	111.55	135	13.83	54	5.53	10	1.02	31	3.18	92	9.43	976	100

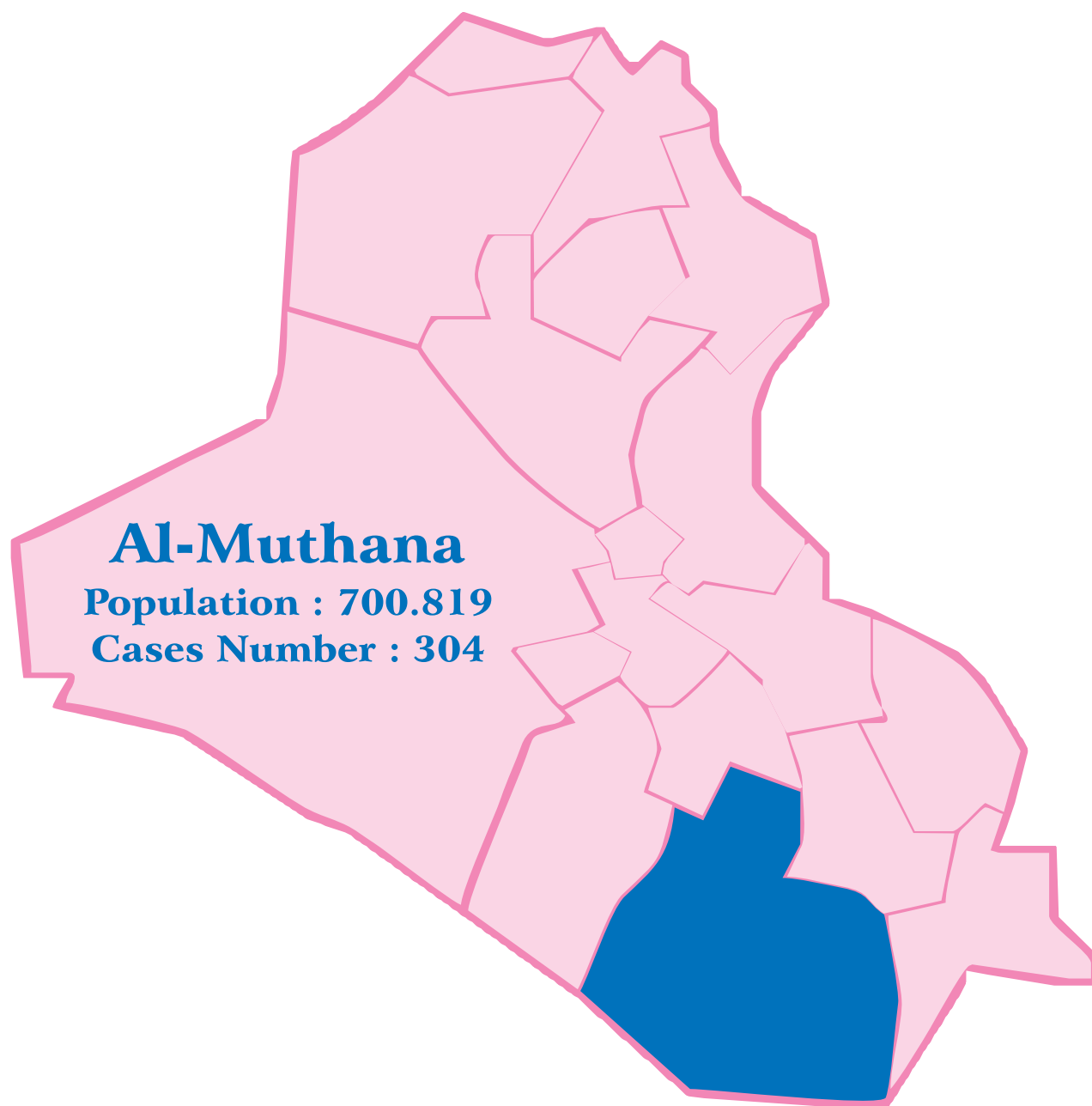


Table (39)

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- BREAST	47	15.46	6.71
2- BLADDER	34	11.18	4.85
3- BRAIN & OTHER CNS	31	10.20	4.42
4- BRONCHUS&LUNG	26	8.55	3.71
5-THYROID	15	4.93	2.14
6- LEUKEMIA	14	4.61	2.00
7- PROSTATE	12	3.95	1.71
8- COLORECTAL	11	3.62	1.57
9- LARYNX	9	2.96	1.28
10- KIDNEY	9	2.96	1.28
TOTAL TEN	208	68.42	29.68
ALL SITES	304	100.00	43.38

Population of Al-Muthana Governorate in - 2010(700819)

Figure (31)
The Commonest Ten Cancers By Registered Cases Per 100000 Population
in Al - Muthana

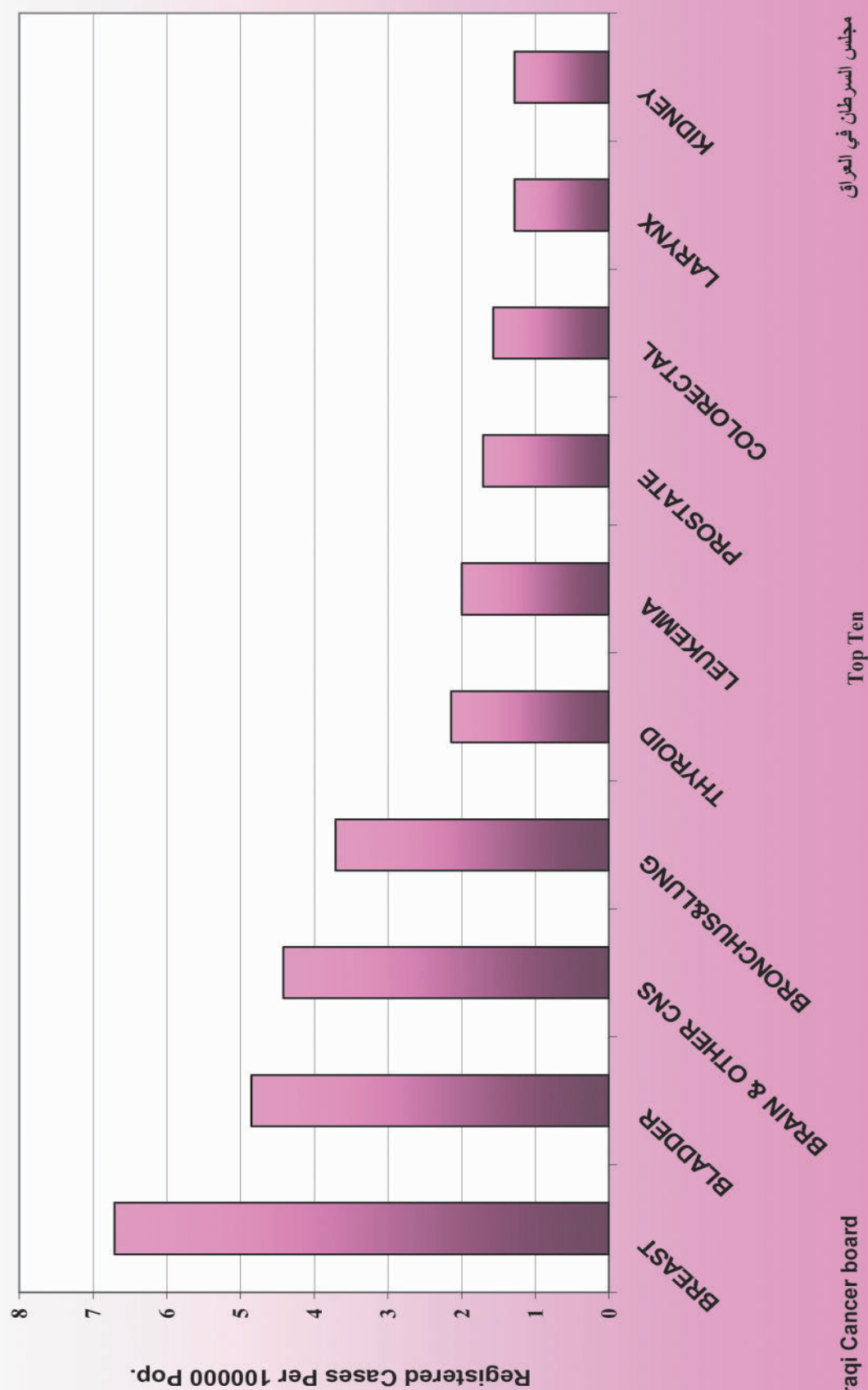


Table (40)

The Commonest Ten Cancer in AL-Muthana Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	AL SAMAWA		AL RUMAITHA		AL SALMAN		AL KHIDHIR		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	36	76.6	7	14.89	0	0	4	8.51	47	100
Bladder	25	73.53	6	17.65	0	0	3	8.82	34	100
Brain & Other CNS	17	54.84	14	45.16	0	0	0	0.00	31	100
Bronchus & Lung	16	61.54	8	30.77	0	0	2	7.69	26	100
Thyroid	10	66.67	3	20.00	0	0	2	13.33	15	100
Leukemia	9	64.29	4	28.57	0	0	1	7.14	14	100
Prostate	10	83.33	2	16.67	0	0	0	0.00	12	100
Colorectal	9	81.82	2	18.18	0	0	0	0.00	11	100
Larynx	4	44.44	4	44.44	0	0	1	11.11	9	100
Kidney	7	77.78	0	0.00	0	0	2	22.22	9	100
Total	107	51.44	50	24.04	0	0	15	7.21	208	100

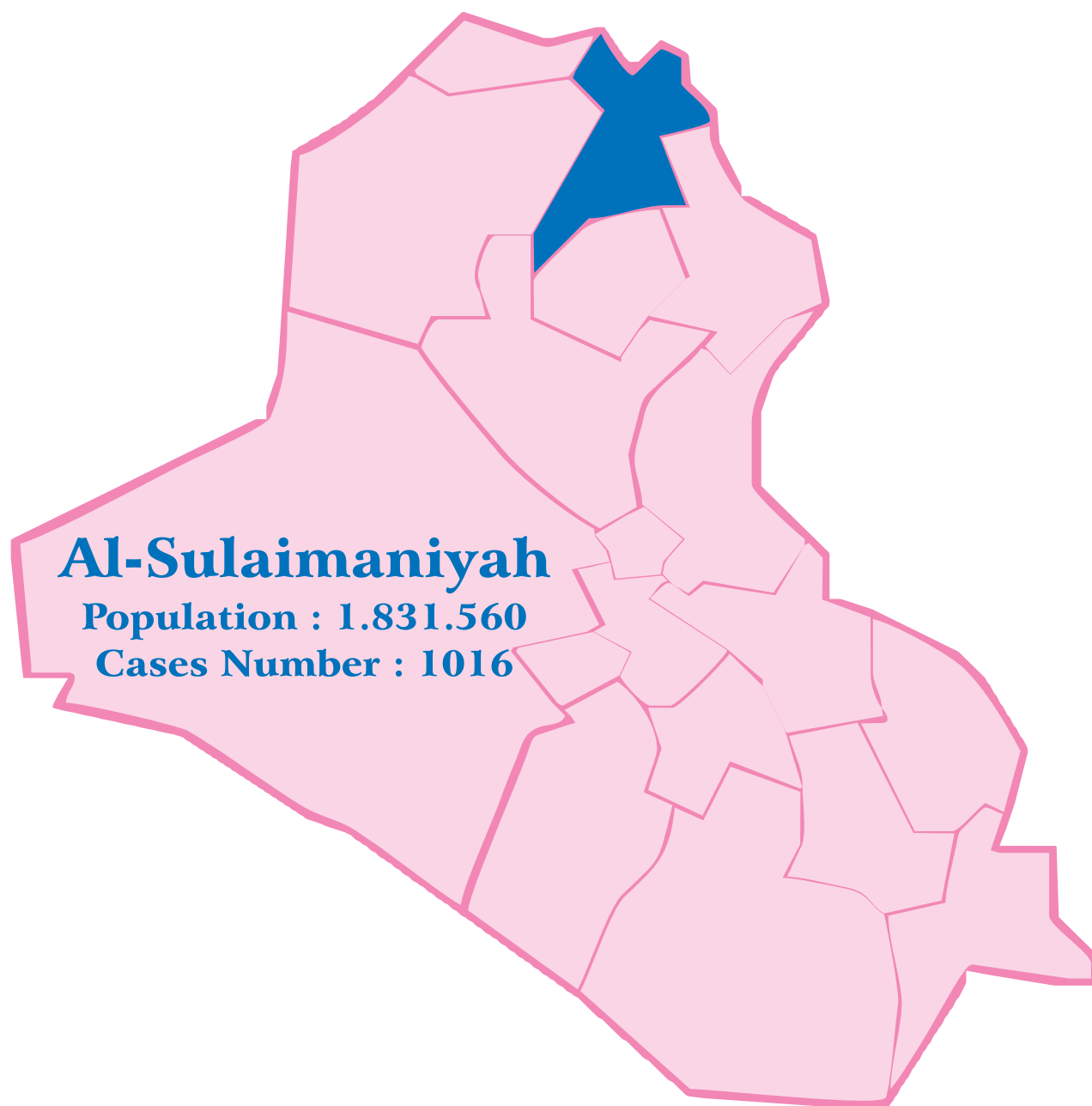


Table (41)

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	187	18.41	10.21
2- BRONCHUS&LUNG	97	9.55	5.30
3- LEUKEMIA	69	6.79	3.77
4- NON-HODGKIN LYMPHOMA	58	5.71	3.17
5- STOMACH	56	5.51	3.06
6- BRAIN & OTHER CNS	51	5.02	2.78
7- COLORECTAL	49	4.82	2.68
8- SKIN	44	4.33	2.40
9- BLADDER	43	4.23	2.35
10- HODGKIN DISEASE	30	2.95	1.64
TOTAL TEN	684	67.32	37.35
ALL SITES	1016	100.00	55.47

Population of Sulaimaniyah Governorate in - 2010 (1831560)

Figure (32) The Commonest Ten Cancers By Registered Cases Per 100000 Population in AL -Sulaimaniyah

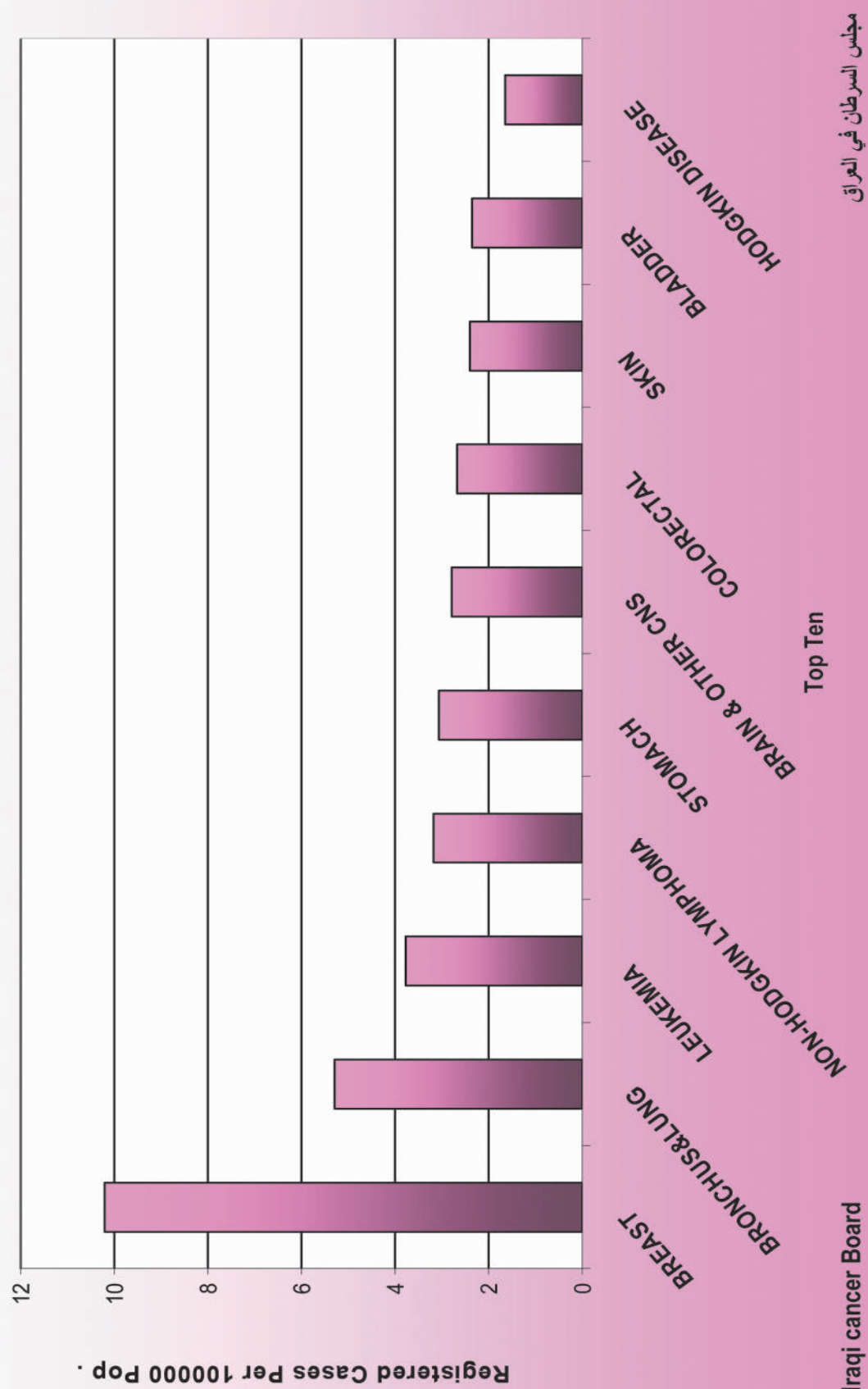


Table (42)

The Commonest Ten Cancer in Al-Sulaimaniyah Districts
Number of New Cases by Primary Site, Percentage of Total in 2010

TOP TEN	Al-Sulaimanyia		Halabja		Bashdar		Rania		Dokan		Derbandykhana		Chamchamal		Kalar		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Breast	171	91.44	2	1.07	0	0.00	2	1.07	1	0.53	0	0.00	2	1.07	9	4.81	187	100.00
Bronchus & Lung	90	92.78	1	1.03	0	0.00	0	0.00	2	2.06	0	0.00	2	2.06	2	2.06	97	100.00
Leukemia	65	94.20	1	1.45	0	0.00	0	0.00	0	0.00	1	1.45	1	1.45	1	1.45	69	100.00
Non- Hodgkin Lymphoma	51	87.93	3	5.17	0	0.00	1	1.72	1	1.72	0	0.00	0	0.00	2	3.45	58	100.00
Stomach	46	82.14	1	1.79	1	1.79	2	3.57	2	3.57	0	0.00	2	3.57	2	3.57	56	100.00
Brain & Other CNS	40	78.43	3	5.88	0	0.00	3	5.88	1	1.96	0	0.00	2	3.92	2	3.92	51	100.00
Colorectal	44	89.80	0	0.00	0	0.00	2	4.08	0	0.00	0	0.00	2	4.08	1	2.04	49	100.00
Skin	40	90.91	1	2.27	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	6.82	44	100.00
Bladder	38	88.37	3	6.98	0	0.00	1	2.33	0	0.00	0	0.00	0	0.00	1	2.33	43	100.00
Hodgkin Disease	28	93.33	1	3.33	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	3.33	30	100.00
Total	613	89.62	16	2.34	1	0.15	11	1.61	7	1.02	1	0.15	11	1.61	24	3.51	684	100.00

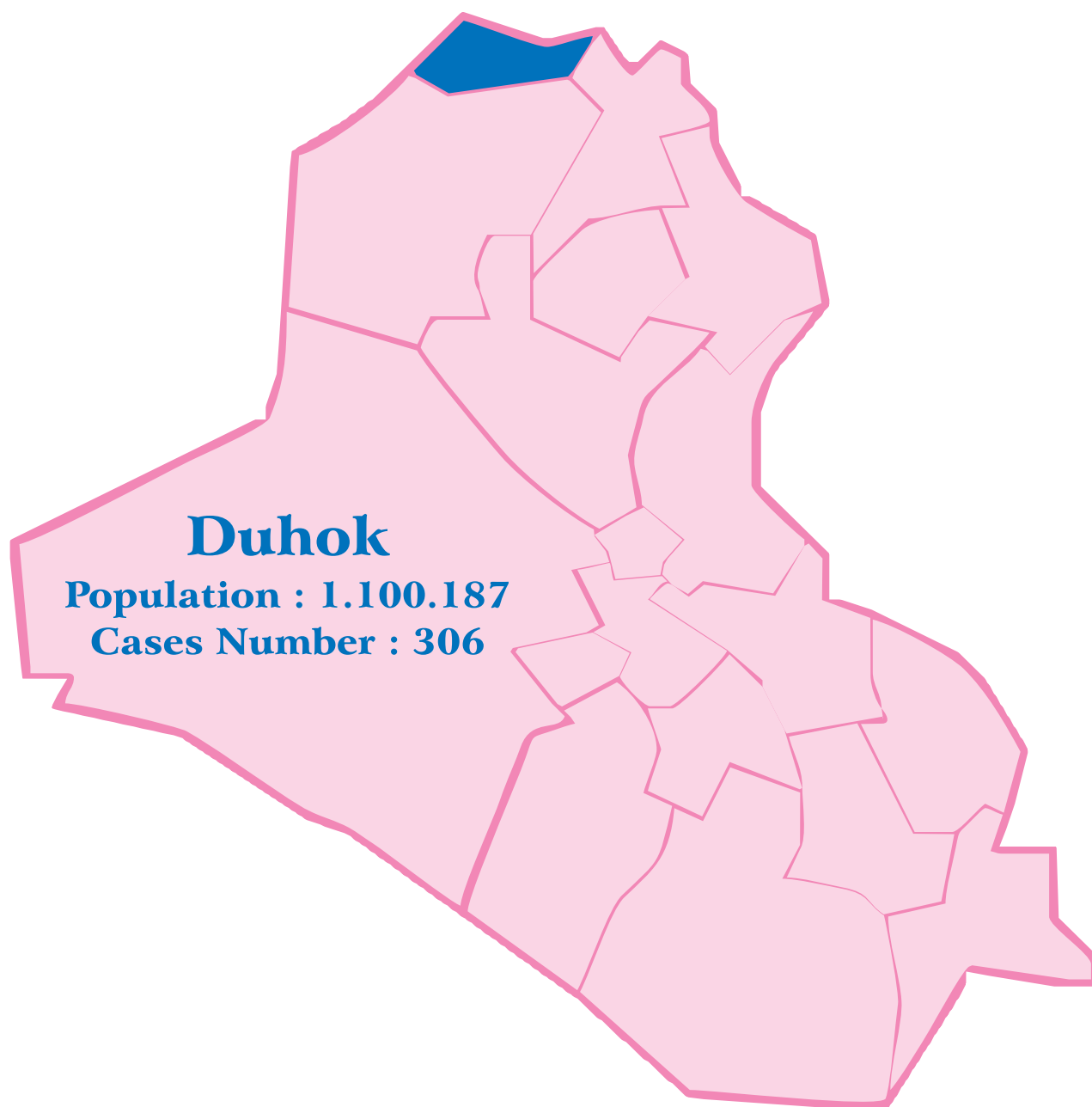


Table (43)

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	35	11.44	3.18
2-LEUKEMIA	34	11.11	3.09
3- BREAST	28	9.15	2.55
4-BLADDER	24	7.84	2.18
5-NON-HODGKIN LYMPHOMA	20	6.54	1.82
6-BRONCHUS&LUNG	17	5.56	1.55
7-COLON	16	5.23	1.45
8-BRAIN & OTHER CNS	16	5.23	1.45
9- STOMACH	12	3.92	1.09
10- PROSTATE	11	3.59	1.00
TOTAL TEN	213	69.61	19.36
ALL SITES	306	100.00	27.81

Population of Duhok Governorate in - 2010 (1100187)

Figure (33) The Commonest Ten Cancers By registered Cases Per 100000 Population in Duhok



Table (44)

The Commonest Ten Cancer in Duhok Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	Duhok		Al-Amadyia		Zakho		Smeel		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%
Skin	33	94.29	0	0	1	2.86	1	2.86	35	100.00
Leukemia	33	97.06	0	0	0	0.00	1	2.94	34	100.00
Breast	22	78.57	0	0	2	7.14	4	14.29	28	100.00
Bladder	23	95.83	0	0	1	4.17	0	0.00	24	100.00
Non- Hodgkin Lymphoma	20	100.00	0	0	0	0.00	0	0.00	20	100.00
Bronchus & Lung	14	82.35	0	0	2	11.76	1	5.88	17	100.00
Colon	14	87.50	0	0	1	6.25	1	6.25	16	100.00
Brain & Other CNS	14	87.50	0	0	1	6.25	1	6.25	16	100.00
Stomach	12	100.00	0	0	0	0.00	0	0.00	12	100.00
Prostate	10	90.91	0	0	1	9.09	0	0.00	11	100.00
Total	195	91.55	0	0	9	4.23	9	4.23	213	100.00

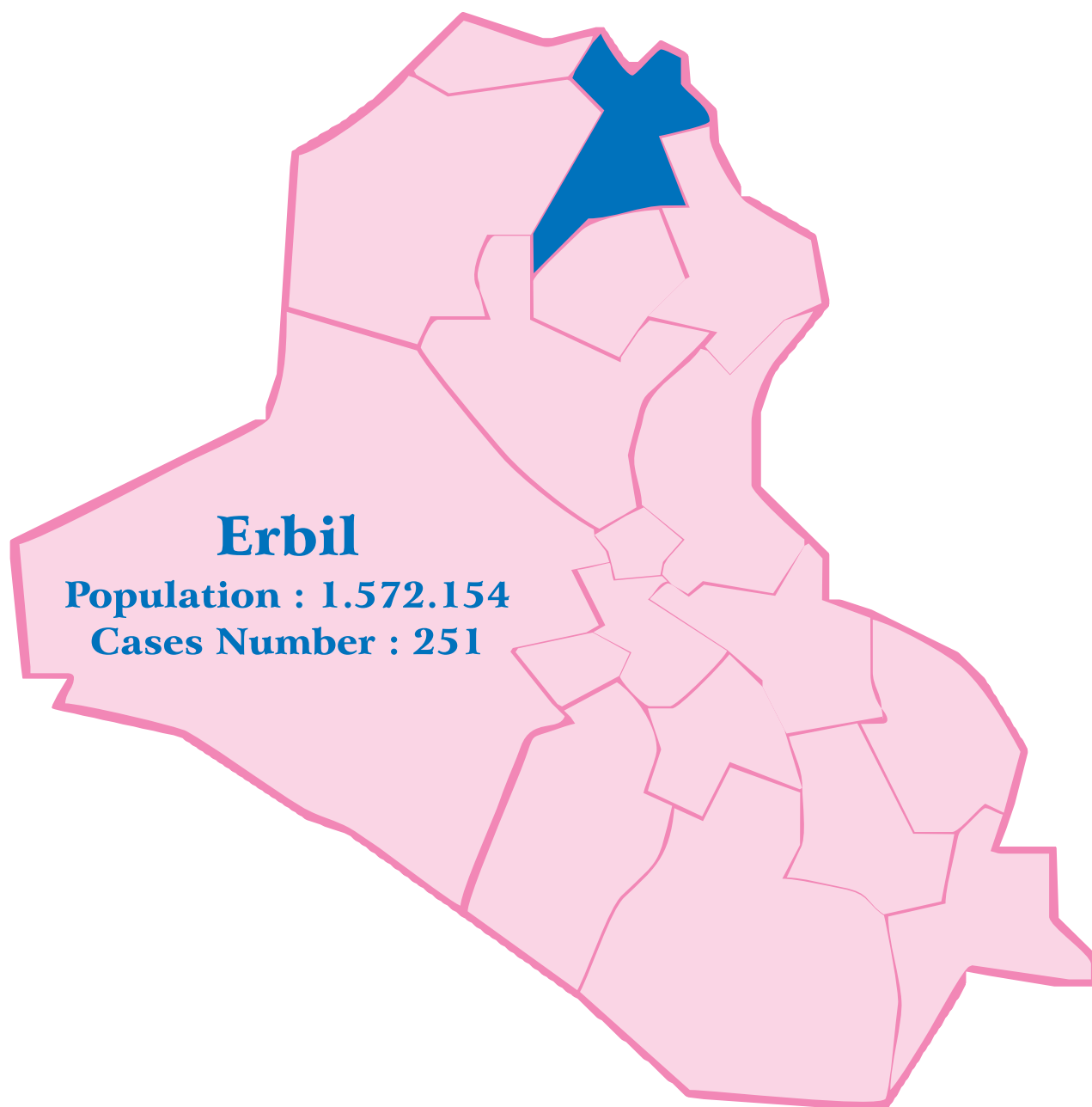


Table (45)

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- LEUKEMIA	57	22.71	3.63
2- BREAST	51	20.32	3.24
3- NON-HODGKIN LYMPHOMA	29	11.55	1.84
4- COLORECTAL	16	6.37	1.02
5- PLASMA CELL TUMOR	14	5.58	0.89
6- BRONCHUS&LUNG	12	4.78	0.76
7- HODGKIN DISEASE	12	4.78	0.76
8- BRAIN & OTHER CNS	9	3.59	0.57
9- BLADDER	7	2.79	0.45
10- SKIN	6	2.39	0.38
TOTAL TEN	213	84.86	13.55
ALL SITES	251	100.00	15.97

Population of Erbil Governorate in - 2010 (1572154)

Figure (34)
The Commonest Ten Cancers By Registered Cases Per 100000 population
in Erbil

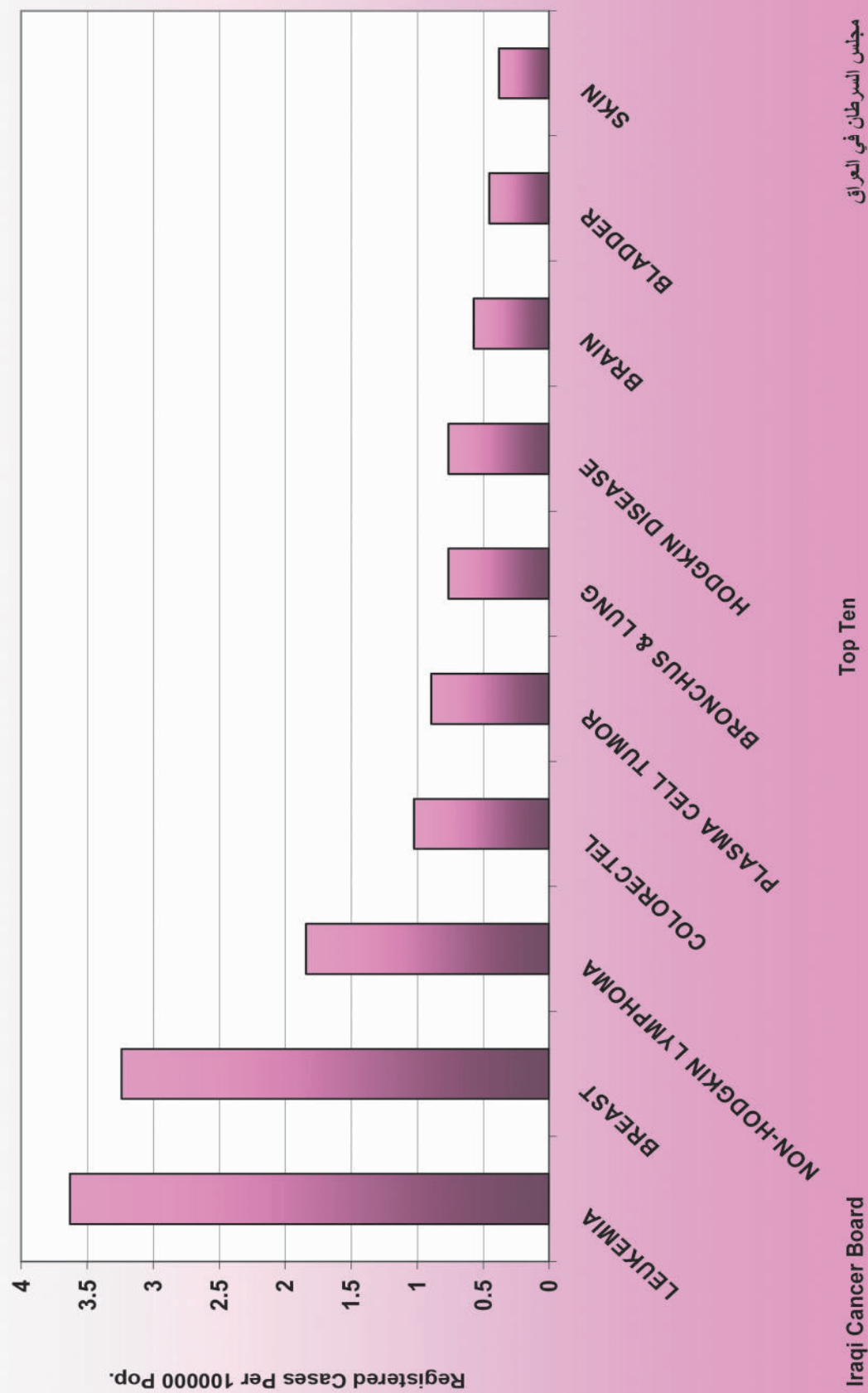


Table (46)

The Commonest Ten Cancer in Erbil Districts
Number of New Cases by Primary Site , Percentage of Total in 2010

TOP TEN	Erbil		Makhmoor		Al-Siddiq		Al-Zibbar		Shaqlawia		TOTAL	
	NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
Leukemia	56	98.25	1	1.75	0	0	0	0	0	0.00	57	100
Breast	47	92.16	3	5.88	0	0	0	0	1	1.96	51	100
Non- Hodgkin Lymphoma	27	93.10	2	6.90	0	0	0	0	0	0.00	29	100
Colorectal	15	93.75	0	0.00	0	0	0	0	1	6.25	16	100
Plasma Cell Tumor	14	100.00	0	0.00	0	0	0	0	0	0.00	14	100
Bronchus & Lung	11	91.67	1	8.33	0	0	0	0	0	0.00	12	100
Hodgkin Disease	12	100.00	0	0.00	0	0	0	0	0	0.00	12	100
Brain & Other CNS	8	88.89	1	11.11	0	0	0	0	0	0.00	9	100
Bladder	5	71.43	2	28.57	0	0	0	0	0	0.00	7	100
Skin	5	83.33	1	16.67	0	0	0	0	0	0.00	6	100
Total	200	93.90	11	5.16	0	0	0	0	2	0.94	213	100

Table (47)

**Distribution of Cancer Cases According To Gender And
Provinces in IRAQ \ 2010**

Site	ICD-O	Baghdad		Nineveh		Kirkuk		Al-Anbar		Salah-Alden		Dyala	
		M	F	M	F	M	F	M	F	M	F	M	F
Lip	C00	6	6	1	1	0	0	3	0	3	0	0	0
Tongue, base	C01	2	2	1	2	0	0	0	0	0	0	1	1
Tongue, other	C02	9	8	0	4	1	1	0	2	2	0	0	1
Gum	C03	1	0	0	0	0	0	0	0	0	0	0	0
Mouth, floor	C04	1	1	1	1	0	0	1	0	0	0	1	0
Mouth, palate	C05	0	0	1	0	0	1	0	0	0	1	0	0
Mouth, other	C06	10	8	0	0	0	1	0	0	1	0	0	2
Parotid gland	C07	9	6	2	0	0	1	2	1	1	0	2	0
Salivary glands, other	C08	4	5	0	1	0	0	0	0	1	2	0	1
Tonsil	C09	4	0	1	0	1	0	1	2	0	0	0	0
Oropharynx	C10	5	2	0	0	1	0	0	0	1	1	0	0
Nasopharynx	C11	20	9	5	5	3	2	6	2	7	1	1	1
Pyriform sinus	C12	3	0	0	0	0	0	0	0	0	0	0	0
Hypopharynx	C13	6	4	0	0	0	0	1	0	0	0	0	0
Other Lip, Oral, Pharynx	C14	3	0	0	0	0	0	0	0	1	0	0	0
Oesophagus	C15	10	8	10	2	1	2	4	2	1	0	2	3
Stomach	C16	79	66	48	45	10	10	17	6	7	1	8	6
Small intestine	C17	12	10	4	5	0	0	2	1	1	1	2	0
Colon	C18	76	74	52	41	26	10	18	12	5	6	4	9
Rectosigmoid junction	C19	9	5	0	0	0	2	1	2	2	1	0	1
Rectum	C20	54	35	13	10	5	4	1	8	3	3	1	6
Anus & anal canal	C21	9	3	0	0	0	0	0	0	0	0	0	1
Liver & bile ducts	C22	59	52	15	31	6	10	4	4	4	0	4	1
Gallbladder	C23	10	7	2	4	1	3	2	1	1	1	0	4
Biliary tract, other	C24	6	1	2	4	1	1	0	0	0	1	0	0
Pancreas	C25	40	27	21	18	9	6	6	2	2	3	1	2
Other digestive organs	C26	7	2	0	0	0	0	0	1	0	0	1	1
Nasal cavity, middle ear	C30	4	9	1	0	0	0	0	1	1	0	1	1
Accessory sinuses	C31	5	3	1	0	0	0	1	0	1	1	0	0
Larynx	C32	85	19	31	8	12	5	6	1	5	3	9	4
Trachea	C33	0	1	0	0	0	0	0	1	0	0	0	0
Bronchus & lung	C34	283	110	150	28	43	18	45	11	26	8	31	13
Thymus	C37	1	2	0	0	0	0	0	1	1	0	0	0
Heart, mediast. pleura	C38	9	7	0	0	1	1	0	0	0	1	0	1
Other respir. & thoracic	C39	0	0	1	0	0	0	1	0	0	0	1	0
Bone & cartilage, limbs	C40	17	22	1	0	1	0	6	6	2	4	2	3
Bone & cartilage, other	C41	34	38	23	3	9	5	4	7	5	1	0	2
Bon Marrow (for leukemia, see below)	C42	0	0	0	0	0	0	0	0	0	0	0	0
Skin, other	C44	103	72	21	23	16	17	18	11	37	23	18	26
Nerves, periferal & ANS	C47	3	3	0	0	1	0	0	1	0	0	1	0
Peritoneum & Retroperit.	C48	4	4	0	0	1	2	1	0	1	2	0	0
Other connect./soft tiss	C49	58	46	9	7	6	5	6	4	11	2	9	7
Breast	C50	19	1137	6	344	4	153	2	143	2	113	5	115
Vulva	C51	0	3	0	0	0	0	0	3	0	2	0	1

Vagina	C52	0	3	0	0	0	0	0	1	0	1	0	1
Cervix uteri	C53	0	54	0	7	0	7	0	6	0	4	0	5
Corpus uteri	C54	0	67	0	15	0	1	0	8	0	3	0	8
Uterus unspecified	C55	0	52	0	28	0	4	0	5	0	15	0	5
Ovary	C56	0	100	0	33	0	7	0	11	0	23	0	13
Female genital, other	C57	0	3	0	0	0	0	0	0	0	1	0	2
Placenta	C58	0	6	0	11	0	1	0	4	0	7	0	0
Penis	C60	1	0	0	0	0	0	0	0	0	0	0	0
Prostate	C61	132	0	46	0	13	0	28	0	6	0	8	0
Testis	C62	31	0	7	0	7	0	10	0	4	0	9	0
Male genital, other	C63	0	0	0	0	0	0	0	0	0	0	0	0
Kidney, not renal pelvis	C64	59	27	21	14	4	3	7	4	11	10	3	10
Renal pelvis	C65	0	1	0	0	0	0	0	0	0	0	0	0
Ureter	C66	1	0	0	0	0	0	0	0	1	0	0	0
Bladder	C67	200	75	64	11	13	2	34	9	25	4	16	6
Urinary organs, other	C68	2	0	0	0	0	0	0	0	0	0	0	0
Eye & adnexa	C69	11	3	4	2	0	1	1	1	0	2	1	1
Meninges	C70	9	16	3	2	0	1	3	3	1	5	4	3
Brain	C71	138	130	59	33	21	11	23	9	18	4	20	11
Nervous system, other	C72	6	10	10	6	1	0	0	1	1	1	0	0
Thyroid gland	C73	32	114	11	15	3	8	6	18	3	22	3	12
Adrenal gland	C74	0	7	0	2	0	0	1	0	1	2	0	0
Endocrine glands, other	C75	3	4	1	0	1	0	0	2	0	0	2	0
Unspecified sites	C76	13	16	36	32	4	3	3	0	12	8	2	1
Lymph Nodes ¹	C77	0	0	0	0	0	0	0	0	0	0	0	0
Unknown primary site	C80	77	86	13	12	5	7	7	9	5	10	18	9

Malignant Tumors Sorted By Morphology

Non-Hodgkin, lymphoma		135	135	64	37	26	22	31	17	10	18	14	9
Hodgkin diseases		59	53	33	25	8	8	25	13	10	14	13	10
Plasma cell tumor		14	6	11	4	7	2	4	2	2	2	4	0
Mast cell tumor		0	0	0	0	0	0	0	0	0	0	0	0
Immunoproliferative diseases		0	0	0	1	0	0	0	0	0	0	0	0
leukemia		156	136	82	69	30	29	22	21	18	14	26	20
Chronic myeloproliferative disorders		1	0	0	0	0	0	1	0	0	0	0	0
Myelodysplastic syndromes		0	0	0	1	1	1	0	0	0	0	0	0
Total		2159	2877	888	947	303	378	365	380	263	352	248	339

Site	ICD-O	Kerballa		Al-Najaf		Babil		Wasit		Misan		Al-Diwanyia	
Lip	C00	2	1	1	1	4	0	0	0	0	0	1	0
Tongue, base	C01	0	0	0	0	0	1	0	0	0	1	0	0
Tongue, other	C02	1	0	0	2	0	3	0	0	0	3	1	0
Gum	C03	1	0	0	0	1	2	0	1	0	0	0	0
Mouth, floor	C04	0	0	0	0	1	0	0	0	0	0	0	0
Mouth, palate	C05	1	0	1	0	0	0	1	0	0	0	0	0
Mouth, other	C06	2	0	1	1	1	4	1	2	0	0	1	1
Parotid gland	C07	2	1	0	0	0	1	2	3	0	0	1	1
Salivary glands, other	C08	0	3	0	0	1	1	0	0	0	0	1	2
Tonsil	C09	0	0	0	0	0	0	0	0	0	0	0	0
Oropharynx	C10	0	0	1	0	0	0	1	0	0	1	0	1
Nasopharynx	C11	2	0	7	3	2	3	4	4	0	1	5	1
Pyriform sinus	C12	0	0	1	0	1	0	0	0	1	1	0	0
Hypopharynx	C13	1	1	0	1	0	2	1	2	0	0	0	4
Other Lip, Oral, Pharynx	C14	0	0	0	0	1	1	2	1	0	1	0	1
Oesophagus	C15	2	0	4	4	2	3	2	1	0	0	3	2
Stomach	C16	17	15	18	15	18	15	4	5	4	3	18	5
Small intestine	C17	0	2	1	2	2	5	2	0	1	1	1	1
Colon	C18	21	9	14	18	24	15	7	9	3	2	15	14
Rectosigmoid junction	C19	2	0	0	0	0	0	0	1	0	0	2	1
Rectum	C20	5	5	10	8	6	3	2	2	5	4	8	4
Anus & anal canal	C21	0	0	1	0	2	2	1	0	2	1	1	0
Liver & bile ducts	C22	12	4	10	14	11	12	8	4	6	5	5	7
Gallbladder	C23	6	2	1	2	2	4	1	3	0	0	1	1
Biliary tract, other	C24	0	0	2	1	0	2	0	0	1	1	1	1
Pancreas	C25	2	6	19	11	19	16	7	5	0	7	5	6
Other digestive organs	C26	0	1	8	3	0	0	0	1	0	0	1	1
Nasal cavity, middle ear	C30	0	1	0	1	0	0	0	1	1	0	0	0
Accessory sinuses	C31	0	0	2	0	0	1	0	0	0	0	0	0
Larynx	C32	8	1	9	9	21	9	12	6	4	5	19	8
Trachea	C33	0	0	0	0	0	0	0	0	0	0	0	0
Bronchus & lung	C34	41	16	91	30	100	50	46	18	30	6	48	15
Thymus	C37	0	0	1	0	1	0	0	0	0	0	1	0
Heart, mediast. pleura	C38	0	0	2	0	1	2	1	0	0	0	1	2
Other respir. & thoracic	C39	1	1	0	0	1	0	0	0	0	0	0	0
Bone & cartilage, limbs	C40	4	3	0	1	7	4	3	0	0	2	2	1
Bone & cartilage, other	C41	5	4	9	3	5	6	5	4	3	7	3	3
Bon Marrow (for leukemia, see below)	C42	0	0	0	0	0	0	0	0	0	0	0	0
Skin, other	C44	17	19	27	25	5	9	12	13	7	4	24	18
Nerves, periferal & ANS	C47	0	0	0	0	0	0	1	0	0	0	0	0
Peritoneum & Retroperit.	C48	2	4	1	1	0	0	2	0	2	2	1	1
Other connect./soft tiss	C49	8	6	14	5	6	13	7	7	5	3	10	6
Breast	C50	2	114	2	145	2	164	1	97	4	63	1	119

Vulva	C51	0	4	0	0	0	1	0	1	0	0	0	0
Vagina	C52	0	0	0	1	0	0	0	0	0	0	0	1
Cervix uteri	C53	0	8	0	5	0	13	0	5	0	3	0	6
Corpus uteri	C54	0	7	0	5	0	7	0	7	0	1	0	4
Uterus unspecified	C55	0	6	0	14	0	5	0	2	0	3	0	10
Ovary	C56	0	27	0	17	0	25	0	14	0	6	0	7
Female genital, other	C57	0	0	0	0	0	0	0	0	0	0	0	0
Placenta	C58	0	1	0	4	0	0	0	0	0	0	0	0
Penis	C60	1	0	0	0	0	0	0	0	0	0	0	0
Prostate	C61	24	0	32	0	24	0	11	0	5	0	0	0
Testis	C62	3	0	5	0	8	0	6	0	2	0	12	0
Male genital, other	C63	0	0	0	0	0	0	0	0	0	0	3	0
Kidney, not renal pelvis	C64	5	7	10	13	20	9	9	5	7	0	0	0
Renal pelvis	C65	0	0	0	0	0	0	0	0	0	0	5	14
Ureter	C66	0	0	46	0	0	0	0	0	0	0	0	0
Bladder	C67	49	17	0	15	68	11	40	21	15	8	0	0
Urinary organs, other	C68	0	0	1	1	0	1	0	0	0	0	42	18
Eye & adnexa	C69	4	2	4	0	3	0	1	2	1	1	0	0
Meninges	C70	2	2	2	1	0	6	1	2	0	2	1	0
Brain	C71	15	18	32	24	26	19	17	16	12	5	1	1
Nervous system, other	C72	0	1	3	0	4	2	2	0	0	0	14	15
Thyroid gland	C73	7	18	4	29	9	9	5	8	3	6	0	0
Adrenal gland	C74	0	2	2	2	1	2	0	0	4	0	1	8
Endocrine glands, other	C75	0	2	1	1	0	3	3	0	1	0	0	0
Unspecified sites	C76	3	0	0	1	0	0	2	3	3	0	0	0
Lymph Nodes1	C77	0	0	0	0	0	0	0	0	0	0	3	4
Unknown primary site	C80	14	6	10	8	12	6	10	6	14	2	0	0

Malignant Tumors Sorted By Morphology

Non-Hodgkin, lymphoma	8	6	22	16	35	26	16	12	18	11	21	18
Hodgkin diseases	11	13	11	13	12	9	13	5	7	2	7	4
Plasma cell tumor	2	1	2	1	7	4	0	2	2	1	3	2
Mast cell tumor	0	0	0	0	0	0	0	0	0	0	1	0
Immunoproliferative diseases	0	0	0	0	0	0	0	0	0	0	0	0
leukemia	21	21	28	28	49	48	18	9	23	20	29	23
Chronic myeloproliferative disorders	0	0	0	0	2	5	2	0	2	0	0	0
Myelodysplastic syndromes	0	1	1	0	3	1	0	0	2	1	0	0
Total	336	389	474	505	530	565	292	310	200	196	327	365

Site	ICD-O	Thi-Qar		Al-Basrah		Al-Muthana		Al-Sulaimaniyeh		Duhok		Erbil	
		M	F	M	F	M	F	M	F	M	F	M	F
Lip	C00	2	4	3	2	0	0	1	1	2	0	0	0
Tongue, base	C01	1	0	0	0	0	0	0	0	0	1	0	0
Tongue, other	C02	2	2	3	1	0	0	2	0	1	0	0	0
Gum	C03	0	1	0	0	0	0	0	0	0	0	0	0
Mouth, floor	C04	1	0	0	0	0	0	0	0	0	0	0	0
Mouth, palate	C05	1	1	0	0	0	0	0	0	0	0	0	0
Mouth, other	C06	0	2	1	2	0	0	0	0	0	0	0	0
Parotid gland	C07	1	1	2	2	0	0	0	1	0	0	0	0
Salivary glands, other	C08	1	0	0	2	1	0	3	1	0	0	0	0
Tonsil	C09	1	1	1	0	1	0	0	0	0	0	0	0
Oropharynx	C10	0	1	0	1	0	0	0	0	0	0	0	0
Nasopharynx	C11	8	2	6	3	3	0	3	0	1	2	1	0
Pyriform sinus	C12	1	0	0	0	0	0	0	0	0	0	0	0
Hypopharynx	C13	1	4	2	1	0	1	0	0	0	0	0	0
Other Lip, Oral, Pharynx	C14	2	2	1	0	0	0	1	2	0	0	0	0
Oesophagus	C15	0	4	3	2	1	2	11	11	0	2	0	0
Stomach	C16	13	8	26	26	2	0	39	17	7	5	1	1
Small intestine	C17	0	2	2	1	0	0	0	0	2	0	0	0
Colon	C18	15	15	26	17	8	0	14	12	5	4	4	5
Rectosigmoid junction	C19	9	2	2	0	0	0	0	0	0	0	2	1
Rectum	C20	2	3	8	13	3	0	13	9	5	2	3	1
Anus & anal canal	C21	3	3	2	2	0	0	1	0	0	0	0	0
Liver & bile ducts	C22	12	9	32	14	4	3	5	1	2	0	1	1
Gallbladder	C23	2	0	0	1	1	0	2	6	1	1	0	1
Biliary tract, other	C24	2	3	3	3	0	0	1	0	0	1	1	0
Pancreas	C25	15	11	24	25	6	2	11	10	1	1	0	0
Other digestive organs	C26	0	0	0	0	3	0	0	4	1	0	0	0
Nasal cavity, middle ear	C30	4	0	1	6	1	0	0	0	1	0	0	0
Accessory sinuses	C31	1	0	1	2	0	0	0	0	0	0	0	0
Larynx	C32	20	4	13	2	8	1	17	2	4	0	3	1
Trachea	C33	0	0	0	0	0	0	1	0	0	0	0	0
Bronchus & lung	C34	53	25	78	32	19	7	82	15	16	1	12	0
Thymus	C37	0	0	0	0	0	0	0	0	0	0	0	1
Heart, mediast. pleura	C38	1	0	3	2	0	0	1	0	2	0	0	0
Other respir. & thoracic	C39	0	0	0	0	0	0	0	0	0	0	0	0
Bone & cartilage, limbs	C40	5	5	3	4	2	1	1	0	0	0	0	0
Bone & cartilage, other	C41	8	5	13	11	0	2	3	4	1	0	0	2
Bon Marrow (for leukemia, see below)	C42	0	0	0	0	0	0	0	0	0	0	0	0
Skin, other	C44	18	26	12	14	1	0	30	14	25	10	5	1
Nerves, periferal & ANS	C47	1	0	0	0	0	0	0	0	0	0	0	0
Peritoneum & Retroperit.	C48	1	4	2	4	1	1	0	0	0	1	0	0
Other connect./soft tiss	C49	7	1	9	3	5	1	11	11	3	4	1	2
Breast	C50	4	111	10	266	0	47	3	184	2	26	3	48
Vulva	C51	0	1	0	1	0	0	0	0	0	0	0	0
Vagina	C52	0	0	0	2	0	0	0	1	0	0	0	0

Cervix uteri	C53	0	9	0	18	0	4	0	7	0	5	0	0
Corpus uteri	C54	0	4	0	6	0	1	0	6	0	0	0	0
Uterus unspecified	C55	0	7	0	26	0	4	0	6	0	3	0	0
Ovary	C56	0	22	0	38	0	2	0	25	0	10	0	3
Female genital, other	C57	0	0	0	1	0	0	0	0	0	0	0	0
Placenta	C58	0	0	0	2	0	0	0	9	0	0	0	0
Penis	C60	0	0	0	0	0	0	1	0	1	0	0	0
Prostate	C61	12	0	21	0	12	0	25	0	11	0	2	0
Testis	C62	7	0	18	0	5	0	7	0	4	0	1	0
Male genital, other	C63	0	0	0	0	0	0	0	0	0	0	0	0
Kidney, not renal pelvis	C64	15	11	22	14	6	3	11	5	5	4	1	3
Renal pelvis	C65	0	0	0	0	0	0	0	1	0	0	0	0
Ureter	C66	1	0	0	0	0	0	0	0	0	0	0	0
Bladder	C67	67	34	47	21	28	6	34	9	20	4	6	1
Urinary organs, other	C68	0	0	0	0	0	0	1	0	0	0	0	0
Eye & adnexa	C69	2	4	0	3	1	0	4	4	0	0	0	0
Meninges	C70	2	2	2	6	1	1	0	1	0	1	0	0
Brain	C71	22	18	41	30	14	12	26	21	12	3	5	4
Nervous system, other	C72	1	1	0	1	1	0	1	0	0	0	0	0
Thyroid gland	C73	8	26	7	24	7	8	7	9	1	2	2	2
Adrenal gland	C74	2	1	4	2	0	0	0	0	0	0	0	0
Endocrine glands, other	C75	1	1	1	0	2	0	2	2	0	0	0	0
Unspecified sites	C76	12	3	3	7	2	0	1	0	1	1	1	2
Lymph Nodes ¹	C77	0	0	0	0	0	0	0	0	0	0	0	0
Unknown primary site	C80	12	7	10	7	5	5	23	25	7	1	1	1

Malignant Tumors Sorted By Morphology

Non-Hodgkin, lymphomas ³	20	23	52	47	6	6	29	29	11	9	18	11
Hodgkin diseases	14	9	30	21	3	6	20	10	6	3	0	0
Plasma cell tumor	1	2	6	2	1	0	14	9	1	3	3	11
Mast cell tumor	0	0	1	0	0	0	0	0	0	0	0	0
Immunoproliferative diseases	0	0	0	0	0	0	0	0	0	0	0	0
leukemia	38	28	73	47	11	3	34	35	22	12	33	24
Chronic myeloproliferative disorders	1	1	16	6	0	0	1	0	0	0	1	0
Myelodysplastic syndromes	1	1	3	3	0	0	0	0	0	0	1	0
Total	457	477	854	594	175	129	497	519	184	122	144	107

Table (48)

**The Number of Cases, Percentage & Incidence Rate of
All Cancers in Provinces of Iraq in 2010**

PROVINCE	NO.OF CASES	% OF TOTAL	INCIDENCE RATE
Baghdad	5036	27.25	73.22
Nineveh	1835	9.93	57.56
Kirkuk	681	3.68	50.06
Al-Anbar	745	4.03	48.95
Salah-Alden	615	3.33	44.81
Dyala	587	3.18	41.73
Kerballa	725	3.92	69.74
Al-Najaf	979	5.30	78.13
Babil	1095	5.92	61.71
Wasit	602	3.26	51.02
Misan	396	2.14	41.82
Al-Diwanyia	692	3.74	62.59
Thi-Qar	934	5.05	52.18
Al-Basrah	1448	7.83	58.66
Al-Muthana	304	1.64	43.38
Al-Sulaimaniyah	1016	5.50	55.47
Duhok	306	1.66	27.81
Erbil	251	1.36	15.97
Unknown Address	235	1.27	----
TOTAL	18482	100.00	56.89

The Incidence Rate of Cancers Cases in Iraqi Provinces / 2010

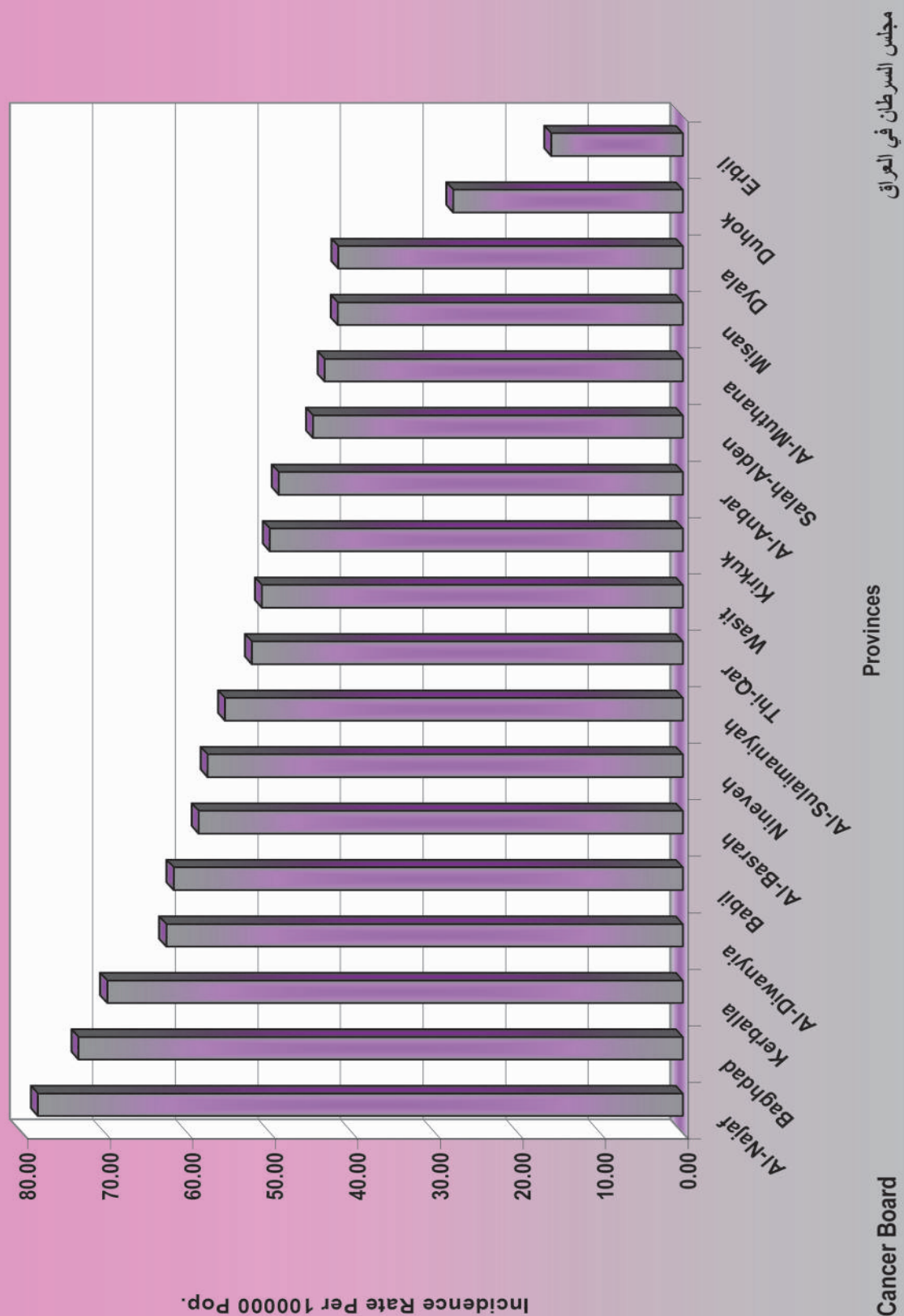


Figure (35)

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

Table (49)
Cases Registered by Site and Age Group in MALES (2010)

SITE	ICD0	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	UNK	ALL	%
LIP	C00			1		2		1				1	1	8	5	10		29	0.34
TONGUE - BASE	C01								1					2		3		6	0.07
TONGUE - OTHER	C02								2		2	3	4	2	7	2		22	0.26
GUM	C03						1									2		3	0.04
MOUTH - FLOOR	C04								1	1				3		2		7	0.08
MOUTH - PALATE	C05						1		1				1	1		1		5	0.06
MOUTH - OTHER	C06				1			1			2		2	3	7	3		19	0.22
PAROTID GLAND	C07				2	1	1			3		4	2	5	3	3		24	0.28
SALIVARY GLAND	C08					1		1			2		3	1	2	2		12	0.14
TONSILS	C09								1	1	1		1	2	2	2		10	0.12
OROPHARYNX	C10										1	3	1	2	1	1		9	0.11
NASOPHARYNX	C11			2	4	2	2	5	7	4	5	19	14	6	5	9		84	0.98
PYRIFORM SINUS	C12											1	3		2	1		7	0.08
HYPOPHARYNX	C13				1			1	1	1	1	1	1	2	1	2		12	0.14
PHARYNX	C14						2	1				1	1	3		3		11	0.13
ESOPHAGUS	C15					1	2	4		1	3	3	9	2	10	21		56	0.66
STOMACH	C16		1	1	2	3	7	7	14	27	26	30	38	49	44	92		341	3.99
SMALL INTESTIN	C17					1			4	7	3	1	4	3	2	7		32	0.37
COLON	C18					10	8	14	21	29	27	39	42	41	44	64	1	340	3.98
RECO SIGMOID JUNCTION	C19					1		4	2	1			3	8	5	5		29	0.34
RECTUM	C20					9	7	11	12	13	14	18	16	15	16	19		150	1.76
ANUS	C21							3			3	1	2	7	4	2		22	0.26
LIVER	C22	8	1		1			4	3	4	10	12	22	35	41	59		200	2.34
GALL BLADDER	C23									2	3	7	4	4	7	6		33	0.39
BILE TRACT	C24						1		2		1	2	2	3	4	5		20	0.23
PANCREAS	C25					2		3	4	8	11	14	33	37	27	49		188	2.20
OTHER DIGESTIVE ORGAN	C26					1					4		4	4	4	5		22	0.26
EAR/NOSE	C30			1	1		1		2		4	1	2	2		1		15	0.18
ACCESSORY SINUS	C31	1									1	3		1	1	5		12	0.14
GLOTTIS / LARYNX	C32		1		1	1	2	5	2	10	11	22	39	61	44	88		287	3.36
TRACHEA	C33														1			1	0.01
BRONCHUS & LUNG	C34					5	5	3	16	39	59	82	147	265	227	345	1	1194	13.97
THYMUS	C37					1		1			2				1			5	0.06
HEART & MEDIASTINUM	C38	1	1	1	1	1	1		1	1	3	1	2	2	3	3		22	0.26
OTHER RESPIRATORY TRACT	C39							1		1				1	1	2		6	0.07
BONES - LIMBS	C40		4	6	22	6	4	3	1	1	1	2	2	5	1	3		61	0.71
BONES - OTHER	C41	5	4	13	22	7	9	7	3	8	7	9	7	5	9	16		131	1.53
BONE MARROW	C42																	0	0.00
SKIN	C44	3	1	1	1	2	4	13	14	22	24	38	38	83	47	111	2	404	4.73
NERVES	C47		2			2					2	1						7	0.08
PERITONEUM	C48		3	2		1		1	1			2	4	3	1	2		20	0.23
SOFT TISSUES	C49	5	6	7	7	17	13	8	8	21	10	15	22	14	13	21		187	2.19
BREAST	C50						1	1	7	6	9	11	9	10	12	10		76	0.89
PENIS	C60								1	1						2		4	0.05
PROSTATE	C61		1					1	1		8	18	31	72	86	209	1	428	5.01
TESTIS	C62	9	2	4	9	12	28	22	15	15	9	2	3	3	3	3		139	1.63
MALE GEN -OTHER	C63																	0	0.00
KIDNEY	C64	29	9	2	1		4	4	10	22	20	27	20	26	22	28		224	2.62

SITE	ICD0	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	UNK	ALL	%
RENAL PELVIS	C65																	0	0.00
URETER	C66											2						3	0.04
BLADDER	C67	2		1	1	4	3	13	10	24	42	61	93	150	150	273		827	9.68
OTHER URINARY ORGANS	C68									1						3		4	0.05
EYE	C69	26	3	2	1			2	1		2					1		38	0.44
MENINGES	C70	3	1			1	1	2	2	1	4	8	2	3	1	3		32	0.37
BRAIN	C71	30	51	30	23	24	21	28	32	41	37	42	41	39	27	48	2	516	6.04
NERVOUS SYSTEM	C72	5	2	2			1		4	1	2	4	3	3	2	1		30	0.35
THYROID	C73				3	7	9	5	10	11	21	14	12	8	6	15		121	1.42
ADRENAL GLAND	C74	7	3			1		1		1			1	2				16	0.19
ENDOCRINE - OTHER	C75			2	2	1	2	2	4	2					2	1		18	0.21
NOS (Not Other Wise Specified)	C76	2	4	1	6		6	6	9	5	7	9	6	11	10	20	1	103	1.21
LYMPH NODES	C77																	0	0.00
UNKNOWN	C80	2	4		2	7	3	4	11	19	15	24	31	44	37	45		248	2.90
NON-HODGKIN'S LYMPHOMA		49	45	19	23	31	20	29	26	37	27	44	49	51	39	51	1	541	6.33
HODGKIN'S DISEASE		12	34	21	33	37	31	24	26	19	6	15	8	7	9	9		291	3.41
Plasma Cell Tumor					1				4	7	9	4	19	12	10	18		84	0.98
Mast Cell Tumor					1	1												2	0.02
Immunoproliferative Diseases										1								1	0.01
Leukaemia		107	87	57	64	37	32	26	30	31	24	31	37	37	38	75	2	715	8.37
Chronic Myeloproliferative Disorders				1			2	1	3	5	1	1	4	2	4	3		27	0.32
Myelodysplastic Syndromes			1		2				2		2			3	1			11	0.13
TOTAL		306	271	177	238	240	235	273	332	454	489	653	845	1173	1051	1796	11	8544	100.00

Table(50)
Cases Registered by Site and Age Group in FE MALES (2010)

SITE	ICD0	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	UNK	ALL	%
LIP	C00		1	1				1	1	3		1	1		3	4		16	0.16
TONGUE - BASE	C01						2			2		1	1		2			8	0.08
TONGUE - OTHER	C02					1	1				2	1	5	6	3	8		27	0.27
GUM	C03															4		4	0.04
MOUTH - FLOOR	C04											1				1		2	0.02
MOUTH - PALATE	C05						1								1	1		3	0.03
MOUTH - OTHER	C06							3		1	2	4	4	3	2	5		24	0.24
PAROTID GLAND	C07					1	2	1	3	3	3	1			1	3		18	0.18
SALIVARY GLAND	C08					3		1	3	1	1	1	3	2	1	2		18	0.18
TONSILS	C09		1								1					1		3	0.03
OROPHARYNX	C10											1	4		1	1		7	0.07
NASOPHARYNX	C11			1	3	4	3	4	5	4	3	4		4		4		39	0.39
PYRIFORM SINUS	C12															1		1	0.01
HYPOPHARYNX	C13								5	1		5	2	2		5		20	0.20
PHARYNX	C14				1					1		1	1			4		8	0.08
ESOPHAGUS	C15					1			5	3	4	3	10	4	7	12		49	0.49
STOMACH	C16				1	2	13	11	22	20	22	22	26	27	25	60		251	2.53
SMALL INTESTIN	C17						1	1	4	2	3	3	4	4	3	9		34	0.34
COLON	C18				1	7	8	9	15	29	26	25	45	39	28	45	1	278	2.80
RECO SIGMOID JUNCTION	C19								1	3	2	2	1	4	1	3		17	0.17
RECTUM	C20					2	6	8	9	13	12	10	11	18	13	23		125	1.26
ANUS	C21								1	1		3	3	3		1		12	0.12
LIVER	C22	2	1		1		1	4	9	9	10	12	21	25	15	62		172	1.73
GALL BLADDER	C23							1		1	4	10	3	11	2	9		41	0.41
BILE TRACT	C24							1				6	2	2	1	7		19	0.19
PANCREAS	C25					2	3	2	5	6	11	15	22	16	30	48		160	1.61
OTHER DIGESTIVE ORGAN	C26							1	1			1	3	2	2	5		15	0.15
EAR / NOSE	C30					2	1	1	3	3		2	1	3	1	3		20	0.20
ACCESSORY SINUS	C31					2					1				3	1		7	0.07
GLOTTIS / LARYNX	C32		1		1			1	3	7	5	13	8	21	14	14		88	0.89
TRACHEA	C33											1				1		2	0.02
BRONCHUS & LUNG	C34					6	4	3	9	16	28	38	49	64	61	126		404	4.07
THYMUS	C37					1		1	1			1		1				5	0.05
HEART & MEDIASTINUM	C38	1	2						1		1	3	3	1		4		16	0.16
OTHER RESPIRATORY TRACT	C39								1									1	0.01
BONES - LIMBS	C40	3	4	12	9	7	5	3	2	4	1	7	1	1				59	0.59
BONES - OTHER	C41	5	6	7	8	7	4	3	10	5	6	8	13	6	7	14		109	1.10
BONE MARROW	C42																	0	0.00
SKIN	C44	2	4	4	5	6	8	6	12	20	16	42	32	39	29	103	3	331	3.33
NERVES	C47	1			1			1						1				4	0.04
PERITONEUM	C48	3	1	1		2		3	2	4	2		2	2	2	3		27	0.27
SOFT TISSUES	C49	6	5	4	6	9	9	10	15	19	18	10	8	9	4	5		137	1.38
BREAST	C50					26	71	171	369	526	576	511	406	316	200	289	3	3464	34.86
VULVA	C51					1				4	3	1	2	2	1	4		18	0.18
VAGINA	C52	1						1		1	2		2	4	2	1		14	0.14
CERVIX	C53					2	5	8	13	27	25	22	29	17	5	15		168	1.69
CORPUS UTERI	C54					5	1	4	9	13	8	16	39	24	19	16		154	1.55
UTERUS UNSPECIFIED	C55					7	7	12	12	14	21	17	27	23	25	31		196	1.97
OVARY	C56	2	3	13	9	22	18	23	28	38	48	52	55	28	26	26		391	3.93
FEMALE GENITAL	C57							1	2	1	1	1				1		7	0.07
PLACENTA	C58			1	7	9	9	8	5	5	1							45	0.45
KIDNEY	C64	24	5	4	2	2	2	5	10	7	19	10	16	20	11	23		160	1.61

SITE	ICD0	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70+	JNK	ALL	%
RENAL PELVIS	C65										1			1				2	0.02
URETER	C66																	0	0.00
BLADDER	C67		1			3	3	7	10	7	10	22	29	58	38	86		274	2.76
OTHER URINARY ORGANS	C68												1	2				3	0.03
EYE & ADNEX	C69	14	2			1		2		1		1	1	2		2		26	0.26
MENINGES	C70	2		1		1	4	6	9	7	6	11	4	1	1	3		56	0.56
BRAIN	C71	19	25	34	17	9	23	19	29	26	19	38	33	29	22	44		386	3.88
NERVOUS SYSTEM OTHER	C72	6	1	1	1					3	5	1	3	2				23	0.23
THYROID GLAND	C73	1	1	4	9	23	44	44	40	35	28	34	23	18	12	25		341	3.43
ADRENAL GLAND	C74	6	1	1		4		1		2		1	1	2		1		20	0.20
ENDOCRINE GLANDS, OTHER	C75	1	1	1	1	1	1	2	3	1	2	1						15	0.15
NOS (Not Other Wise Specified)	C76	1	2	1		5	4	5	3	9	10	6	12	11	10	6		85	0.86
LYMPH NODES	C77																	0	0.00
UNKNOWN PRIMARY SITE	C80	1	2		1	1	6	9	12	15	17	24	27	28	28	40		211	2.12
NON-HODGKIN'S LYMPHOMA		21	17	10	10	15	19	16	31	31	26	48	47	33	25	61	2	412	4.15
HODGKIN'S DISEASE		3	4	14	19	45	35	17	18	13	12	10	9	12	3	9		223	2.24
Plasma Cell Tumor		1						1	1	1	3	10	6	8	8	15		54	0.54
Mast Cell Tumor																		0	0.00
Immunoproliferative Diseases		1																1	0.01
Leukaemia		112	66	47	35	35	21	18	31	33	31	26	30	35	11	56		587	5.91
Chronic Myeloproliferative Disorders			1						1		2		3	1	2	3		13	0.13
Myelodysplastic Syndromes										2	2	1	1		1	1		8	0.08
Total		239	158	162	148	282	345	460	784	1003	1062	1122	1095	997	712	1360	9	9938	100.00

Distribution by Age, Sex & Morphology of Top Ten Cancers

Table (51)
Distribution by Age, Sex, and
Morphology in 2010

Site: BREAST

TOTAL	MALE	FEMALE
3540	76	3464

	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	7	6	9	11	9	10	12	10		76
FEMALE					26	71	171	369	526	576	511	406	316	200	289	3	3464
TOTAL					26	72	172	376	532	585	522	415	326	212	299	3	3540

Most frequent histology

Morphology	CASES	%
Infiltrating duct carcinoma	2084	58.87
Intraductal papil. adenocarcinoma	229	6.47
Lobular carcinoma,	134	3.79
Adenocarcinoma,	85	2.40
Carcinoma ,	52	1.47
Infiltrating duct and lobular carcinoma	25	0.71
Medullary carcinoma,	21	0.59
Squamous cell carcinoma,	19	0.54
Comedocarcinoma,	17	0.48
Malignant phyllodes tumor	8	0.23
Mucinous adenocarcinoma	7	0.20
Paget's disease,mammary	9	0.25
Papillary carcinoma,	4	0.11
Carcinoma,anaplastic,	3	0.08
Cribriform carcinoma	3	0.08
P. dis. & infil. duct carc.,breast	3	0.08
Soft tissue tumor	3	0.08
Scirrhou adenocarcinoma	2	0.06
Fibrosarcoma,	2	0.06
Others	14	0.40
No. histology	816	23.05

Morphology Verified

Cases	%
2724	76.95

Table (52)
Distribution by Age, Sex, and
Morphology in 2010

Site: BRONCHUS & LUNG

TOTAL	MALE	FEMALE
1598	1194	404

	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					5	5	3	16	39	59	82	147	265	227	345	1	1194
FEMALE					6	4	3	9	16	28	38	49	64	61	126	0	404
TOTAL					11	9	6	25	55	87	120	196	329	288	471	1	1598

Most frequent histology

Morphology	CASES	%
Squamous cell carcinoma,	407	25.47
Adenocarcinoma,	167	10.45
Bronchiolo-alveolar adenocarcinoma	112	7.01
Small cell carcinoma,	110	6.88
Carcinoma ,	75	4.69
Large cell carcinoma,	16	1.00
Oat cell carcinoma	10	0.63
Alveolar adenocarcinoma	9	0.56
Small cell-large cell carcinoma	8	0.50
Sq. cell carc. ,ker. type,	7	0.44
Carcinoid tumor,	5	0.31
Mesothelioma	3	0.19
Small cell carcinoma,fusiform cell	2	0.13
Non-small cell carcinoma	2	0.13
Adeno squamous cell carcinoma	2	0.13
Others	7	0.44
No. histology	656	41.05

Morphology Verified

Cases %

942 58.95

Table (53)
Distribution by Age, Sex, and
Morphology in 2010

Site: LEUKAEMIA

TOTAL	MALE	FEMALE
1302	715	587

	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	107	87	57	64	37	32	26	30	31	24	31	37	37	38	75	2	715
FEMALE	112	66	47	35	35	21	18	31	33	31	26	30	35	11	56	0	587
TOTAL	219	153	104	99	72	53	44	61	64	55	57	67	72	49	131	2	1302

Most frequent histology

Morphology	CASES	%
Leukemia,	570	43.78
Acute myeloid leukemia	234	17.97
Lymphoid leukemia,	130	9.98
Chronic myeloid leukemia	122	9.37
Precursor cell lymphoblastic leukemia,	77	5.91
Acute leukemia,	62	4.76
Myeloid leukemia,	29	2.23
Chronic lymphoid leukemia	24	1.84
Acute promyelocytic leukemia	17	1.31
Burkitt's cell leukaemia	15	1.15
Acute monocytic leukemia	5	0.38
Acute panmyelosis	5	0.38
Hairy cell leukemia	5	0.38
Prolymphocytic leukemia,	3	0.23
Others	4	0.31

Morphology Verified
Cases %
1302 100

Table (54)
Distribution by Age, Sex, and
Morphology in 2010

Site: BLADDER

TOTAL	MALE	FEMALE
1101	827	274

	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	2		1	1	4	3	13	10	24	42	61	93	150	150	273		827
FEMALE		1			3	3	7	10	7	10	22	29	58	38	86		274
TOTAL	2	1	1	1	7	6	20	20	31	52	83	122	208	188	359		1101

Most frequent histology

Morphology	CASES	%
Transitional cell carcinoma,	574	52.13
Papillary trans. cell carc.	146	13.26
Squamous cell carcinoma,	44	4.00
Carcinoma ,	19	1.73
Adenocarcinoma,	13	1.18
Sq. cell carc. ,ker. type,	4	0.36
Trans. cell carc. spindle cell	2	0.18
Others	6	0.54
No. histology	293	26.61

Morphology Verified
Cases %
808 73.39

Table (55)
Distribution by Age, Sex, and
Morphology in 2010

Site: BRAIN AND OTHER CNS.

TOTAL	MALE	FEMALE
1072	593	479

	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	38	54	34	24	26	25	32	42	45	43	54	46	45	30	53	2	593
FEMALE	28	27	37	19	11	28	27	41	37	32	50	40	32	23	47	0	479
TOTAL	66	81	71	43	37	53	59	83	82	75	104	86	77	53	100	2	1072

Most frequent histology

Morphology	CASES	%
Astrocytoma,	110	10.26
Glioma	58	5.41
Glioblastoma,	54	5.04
Medulloblastoma,	37	3.45
Fibrillary astrocytoma	36	3.36
Meningioma	28	2.61
Transitional meningioma	24	2.24
Neuroblastoma,	23	2.15
Ependymoma,	21	1.96
Neurilemmoma	17	1.59
Oligodendroglioma,	16	1.49
Pilocytic astrocytoma	13	1.21
Meningotheliomatous meningioma	13	1.21
Metastatic Adenocarcinoma,	11	1.03
Craniopharyngioma	10	0.93
Desmoplastic medulloblastoma	8	0.75
Myxopapillary ependymoma	7	0.65
Meningeal sarcomatosis	7	0.65
Mixed glioma	6	0.56
Tumor cells	5	0.47
Papillary ependymoma	4	0.37
Primitive neuroectodermal tumor	4	0.37
Medullomyoblastoma	3	0.28
Fibrous meningioma	3	0.28
Tumor,giant cell type	2	0.19
Metastatic Carcinoma ,	2	0.19

Acidophil carcinoma – Pituitary Adenoma	2	0.19
Soft tissue tumor	2	0.19
Hemangioblastoma	2	0.19
Chordoma	2	0.19
Subependymal giant cell astrocytoma	2	0.19
Ependymoma, anaplastic	2	0.19
Astrocytoma, anaplastic	2	0.19
Gemistocytic astrocytoma	2	0.19
Hemangioblastic meningioma	2	0.19
Papillary meningioma	2	0.19
Others	9	0.84
No. histology	521	48.60

Morphology Verified

Cases

%

551

51.40

Table (56)
Distribution by Age, Sex, and
Morphology in 2010

Site: COLORECTAL

TOTAL	MALE	FEMALE
973	541	432

	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					20	15	32	35	43	44	58	63	71	69	90	1	541
FEMALE				1	9	14	17	26	46	40	40	60	64	42	72	1	432
TOTAL				1	29	29	49	61	89	84	98	123	135	111	162	2	973

Most frequent histology

Morphology	CASES	%
Adenocarcinoma,	527	54.16
Mucinous adenocarcinoma	31	3.19
Carcinoma ,	30	3.08
Adenocarcinoma,intestinal type	25	2.57
Squamous cell carcinoma,	16	1.64
Signet ring cell carcinoma	7	0.72
Adenoca. in adenoma. polyposis coli	6	0.62
Carcinoid tumor, ,except appendix	5	0.51
Leiomyosarcoma,	3	0.31
Basaloid carcinoma	2	0.21
Trabecular adenocarcinoma	2	0.21
Adenoca. in ademomatous polyp	2	0.21
Adenocarcinoma in villous adenoma	4	0.41
Mucin-producing adenocarcinoma	2	0.21
Soft tissue tumor	2	0.21
Others	8	0.82
No. histology	301	30.94

Morphology Verified
Cases %

672 69.06

Table (57)
Distribution by Age, Sex, and
Morphology in 2010

Site: NON –HODGKIN LYMPHOMA

TOTAL	MALE	FEMALE
953	541	412

	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	49	45	19	23	31	20	29	26	37	27	44	49	51	39	51	1	541
FEMALE	21	17	10	10	15	19	16	31	31	26	48	47	33	25	61	2	412
TOTAL	70	62	29	33	46	39	45	57	68	53	92	96	84	64	112	3	953

Most frequent histology

Morphology	CASES	%
Lmphoma,non-Hodgkin's,	561	58.87
Lymphoma,	343	35.99
Lymphoma,large cell,diffuse	16	1.68
Burkitt's lymphoma,	9	0.94
Lymphoma,small lymphocytic	8	0.84
Lymphoma,mixed small and large cell,diffuse	6	0.63
Mycosis fungoides	4	0.42
Lymphoma,follicular,	3	0.31
Lymphoma,mixed lymphocyt-histiocyt nod.	1	0.10
Peripheral T-cell lymphoma,	1	0.10
Large cell (Ki-1+) lymphoma	1	0.10

Morphology Verified

Cases	%
953	100.00

Table (58)
Distribution by Age, Sex, and
Morphology in 2010

Site: SKIN, OTHER

TOTAL	MALE	FEMALE
735	404	331

	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	1	1	1	2	4	13	14	22	24	38	38	83	47	111	2	404
FEMALE	2	4	4	5	6	8	6	12	20	16	42	32	39	29	103	3	331
TOTAL	5	5	5	6	8	12	19	26	42	40	80	70	122	76	214	5	735

Most frequent histology

Morphology	CASES	%
Basal cell carcinoma,	265	36.05
Squamous cell carcinoma,	217	29.52
Melanoma,	40	5.44
Basal cell carc. ,fibroepithelial	15	2.04
Dermatofibrosarcoma,	14	1.90
Carcinoma ,	12	1.63
Basosquamous carcinoma	12	1.63
Adenocarcinoma,	11	1.50
Sebaceous adenocarcinoma	10	1.36
Kaposi's sarcoma	10	1.36
Basal cell carcinoma,morphea type	8	1.09
Sweat gland adenocarcinoma	7	0.95
Fibrosarcoma,	4	0.54
Rhabdomyosarcoma,	4	0.54
Bowen's disease	3	0.41
Verrucous carcinoma,	2	0.27
Sq. cell carc. ,micro-invasive	2	0.27
Basal cell carcinoma, nodular	2	0.27
Acral lentiginous melanoma	2	0.27
Soft tissue tumor	2	0.27
Fibrous histiocytoma	2	0.27
Hemangiosarcoma	2	0.27
Others	17	2.31
No. histology	72	9.80

Morphology Verified

Cases	%
663	90.20

Table (59)
Distribution by Age, Sex, and
Morphology in 2010

Site: STOMACH

TOTAL	MALE	FEMALE
592	341	251

	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	2	3	7	7	14	27	26	30	38	49	44	92		341
FEMALE				1	2	13	11	22	20	22	22	26	27	25	60		251
TOTAL		1	1	3	5	20	18	36	47	48	52	64	76	69	152		592

Most frequent histology

Morphology	CASES	%
Adenocarcinoma,	240	40.54
Carcinoma ,	29	4.90
Adenocarcinoma,intestinal type	25	4.22
Signet ring cell carcinoma	17	2.87
Soft tissue tumor	4	0.68
Carcinoma,diffuse type	3	0.51
Mucinous adenocarcinoma	3	0.51
Squamous cell carcinoma,	2	0.34
Papillary adenocarcinoma,	2	0.34
Others	3	0.51
No. histology	264	44.59

Morphology Verified
Cases %

328 55.41

Table (60)
Distribution by Age, Sex, and
Morphology in 2010

Site: HODGKIN LYMPHOMA

TOTAL	MALE	FEMALE
514	291	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	12	34	21	33	37	31	24	26	19	6	15	8	7	9	9		291
FEMALE	3	4	14	19	45	35	17	18	13	12	10	9	12	3	9		223
TOTAL	15	38	35	52	82	66	41	44	32	18	25	17	19	12	18		514

Most frequent histology

Morphology	CASES	%
Hodgkin's disease,	365	71.01
Hodgkin's disease,nodular sclerosis,	72	14.01
H. disease,mixed cellularity	53	10.31
H. dis.,nodular scler.,lymphocyt. predom.	10	1.95
H. disease,lymphocyt. deplet.,	6	1.17
Hodgkin's dis. lymphocytic pred. nod.	4	0.78
Hodgkin's granuloma	2	0.39
H. dis.,nodular sclerosis,cellular phase	2	0.39

Morphology Verified

Cases	%
514	100.00

Children's Cancers

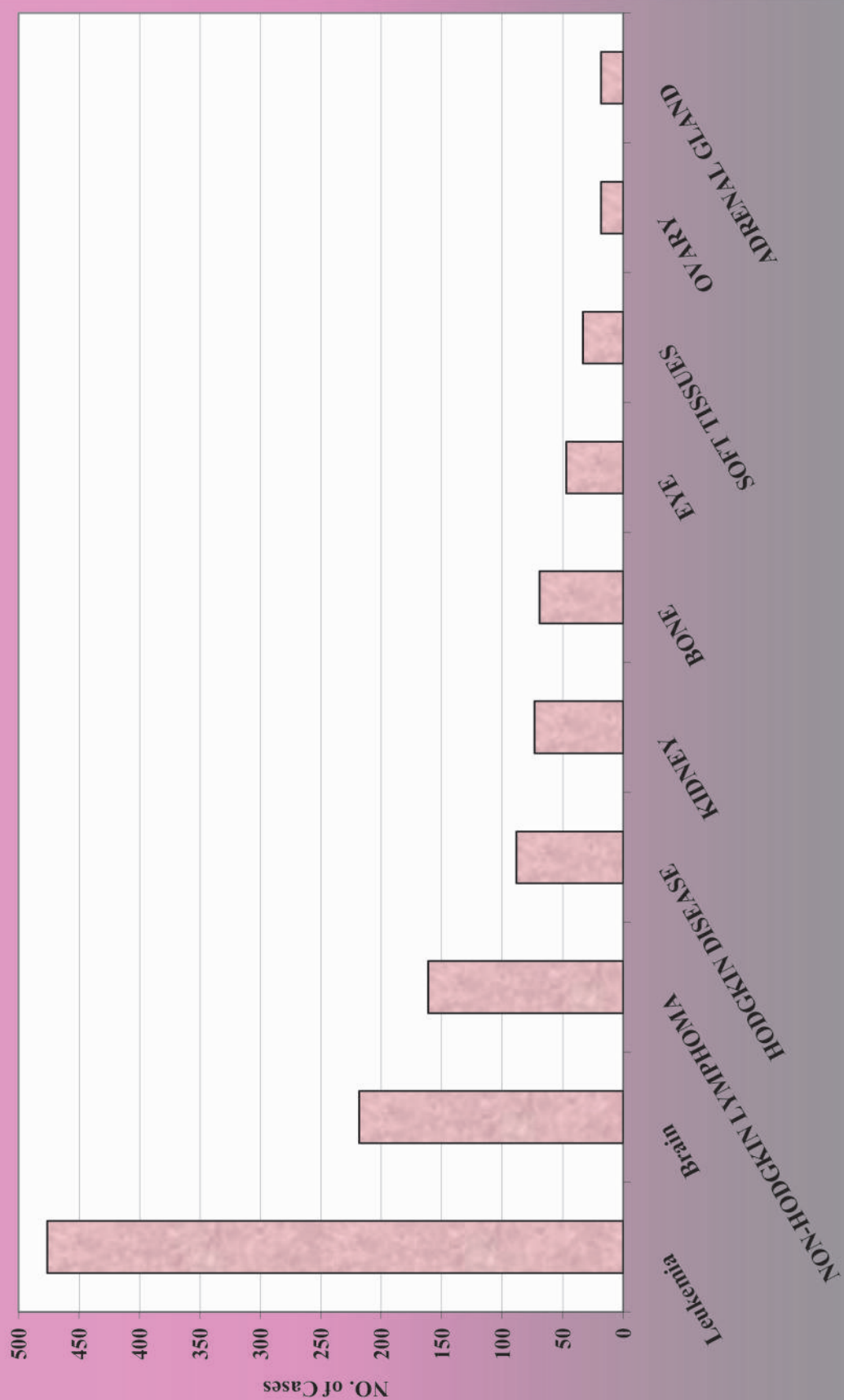
Table (61)

**Distribution of the Top Ten Cancers in Children Ranking
According to Frequency (0 – 14 Years of Age) 2010**

	SITE	TOTAL	MALE	FEMALE	% OF TOTAL
1	LEUKEMIA	476	251	225	36.25
2	BRAIN	218	126	92	16.60
3	NON –HODGKIN LYMPHOMA	161	113	48	12.26
4	HODGKIN DISEASE	88	67	21	6.70
5	KIDNEY	73	40	33	5.56
6	BONE	69	32	37	5.26
7	EYE	47	31	16	3.58
8	SOFT TISSUES	33	18	15	2.51
9	OVARY	18	0	18	1.37
10	ADRENAL GLAND	18	10	8	1.37
	Total Ten	1201	688	513	91.47
	All Site	1313	754	559	100.00

The Commonest Ten Cancers in Children (2010)

Figure (36)



مجلس السرطان في العراق

Iraqi Cancer Board

Table (62)
The Number of New Cancer Cases of Children and Percentage of
Total by primary Site, Age and Gender (2010)

MALE							FEMALE					
SITE	ICD0	0-	5-	10-	Total	%		0-	5-	10-	Total	%
LIP	C00			1	1	0.13			1	1	2	0.36
TONSILS	C09					0.00			1		1	0.18
NASOPHARYNX	C11			2	2	0.27				1	1	0.18
STOMACH	C16		1	1	2	0.27						0.00
LIVER	C22	8	1		9	1.19		2	1		3	0.54
EAR/NOSE	C30			1	1	0.13						0.00
ACCESSORY SINUS	C31	1			1	0.13						0.00
GLOTTIS / LARYNX	C32		1		1	0.13			1		1	0.18
HEART & MEDIASTINUM	C38	1	1	1	3	0.40		1	2		3	0.54
BONES - LIMBS	C40		4	6	10	1.33		3	4	12	19	3.40
BONES - OTHER	C41	5	4	13	22	2.92		5	6	7	18	3.22
SKIN	C44	3	1	1	5	0.66		2	4	4	10	1.79
NERVES	C47		2		2	0.27		1			1	0.18
PERITONEUM	C48		3	2	5	0.66		3	1	1	5	0.89
SOFT TISSUES	C49	5	6	7	18	2.39		6	5	4	15	2.68
VAGINA	C52					0.00		1			1	0.18
OVARY	C56					0.00		2	3	13	18	3.22
PLACENTA	C58					0.00				1	1	0.18
PROSTATE	C61		1		1	0.13						0.00
TESTIS	C62	9	2	4	15	1.99						0.00
MALE GEN -OTHER	C63					0.00						0.00
KIDNEY	C64	29	9	2	40	5.31		24	5	4	33	5.90
BLADDER	C67	2		1	3	0.40			1		1	0.18
EYE	C69	26	3	2	31	4.11		14	2		16	2.86
MENINGES	C70	3	1		4	0.53		2		1	3	0.54
BRAIN	C71	30	51	30	111	14.72		19	25	34	78	13.95
NERVOUS SYSTEM	C72	5	2	2	9	1.19		6	1	1	8	1.43
THYROID	C73					0.00		1	1	4	6	1.07
ADRENAL GLAND	C74	7	3		10	1.33		6	1	1	8	1.43
ENDOCRINE - OTHER	C75			2	2	0.27		1	1	1	3	0.54
NOS (Not Other Wsely Specified)	C76	2	4	1	7	0.93		1	2	1	4	0.72
UNKNOWN	C80	2	4		6	0.80		1	2		3	0.54

SITE	ICD0	0-	5-	10-	Total	%		0-	5-	10-	Total	%
NON-HODGKIN'S LYMPHOMA		49	45	19	113	14.99		21	17	10	48	8.59
HODGKIN'S DISEASE		12	34	21	67	8.89		3	4	14	21	3.76
Plasma Cell Tumor								1			1	0.18
Immunoproliferative Diseases								1			1	0.18
Leukaemia		107	87	57	251	33.29		112	66	47	225	40.25
Chronic Myeloproliferative Disorders				1	1	0.13			1		1	0.18
Myelodysplastic Syndromes			1		1	0.13						
TOTAL		306	271	177	754	100.0		239	158	162	559	100.0

Table (63)

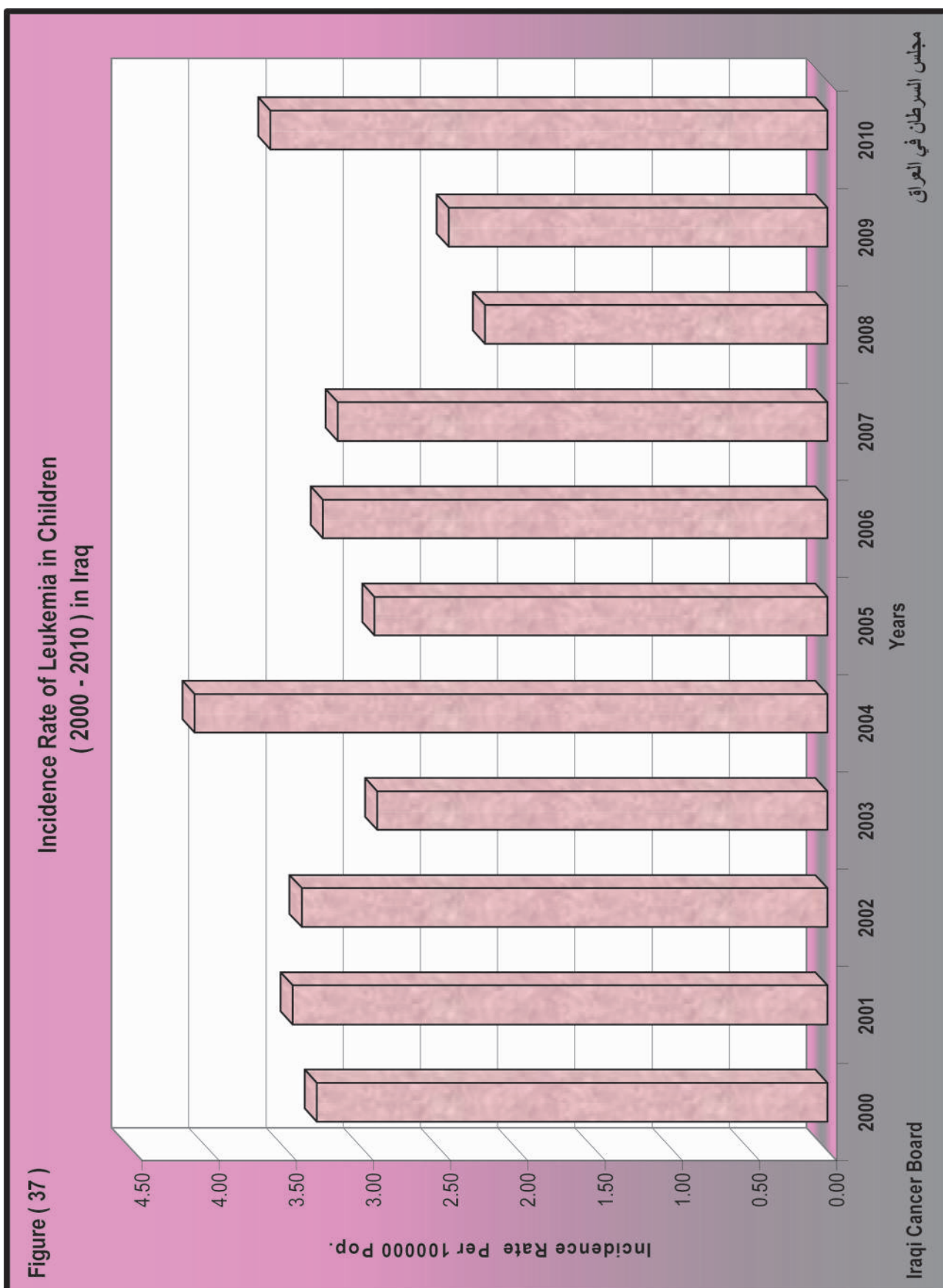
**Distribution of Child Cancers According To Age, Gender
And Provinces / 2010**

Provinces	0 - 4		5 - 9		10 - 14		Total
	M	F	M	F	M	F	
Baghdad	78	60	62	35	35	42	312
Nineveh	33	29	28	18	20	11	139
Kirkuk	14	8	9	7	5	9	52
AL- Anbar	13	7	12	15	12	5	64
Salah - Alden	8	8	14	3	9	1	43
Dyala	13	6	12	7	8	11	57
Kerballa	11	15	3	4	5	10	48
AL - Najaf	14	12	12	5	9	9	61
Babil	16	14	25	9	12	15	91
Wasit	7	6	10	2	7	8	40
Misan	14	4	4	6	2	3	33
AL- Diwanyia	13	9	6	5	10	5	48
The - Qar	12	15	13	10	10	8	68
AL - Basrah	29	18	22	10	14	14	107
AL- Muthana	7	0	6	3	5	3	24
AL Sulaimaniyeh	13	16	11	10	8	3	61
Duhok	7	1	6	2	4	4	24
Eebil	3	9	15	7	2	1	37
Others	1	2	1	0	0	0	4
Total	306	239	271	158	177	162	1313

Table (64)
Incidence Rate and Percentage of Leukemia in Children
(2000 – 2010) In Iraq

YEARS	NO. OF CASES	NO. OF LEUKEMIA CASES	%	INCIDENCE RATE
2000	800	305	38.13	3.31
2001	1032	328	31.78	3.46
2002	1092	331	30.31	3.41
2003	924	291	31.49	2.92
2004	1201	420	34.97	4.10
2005	1094	355	32.45	2.93
2006	1107	406	36.68	3.27
2007	1096	406	37.04	3.17
2008	936	305	32.59	2.22
2009	1015	309	30.44	2.45
2010	1313	476	26.25	3.61
Total	11633	3858	33.16	-----

* Children (0 – 14)



Leukemia In Iraq

Table (65)**Distribution of Leukemia in All Ages by Gender in Iraq
(1991 - 2010)**

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	535	429	6.35
2006	15226	1176	665	511	7.72
2007	14213	1226	677	549	8.6
2008	14180	960	555	405	6.77
2009	15251	908	506	402	5.95
2010	18482	1302	715	587	7.04
Total	229868	15253	8751	6502	6.64

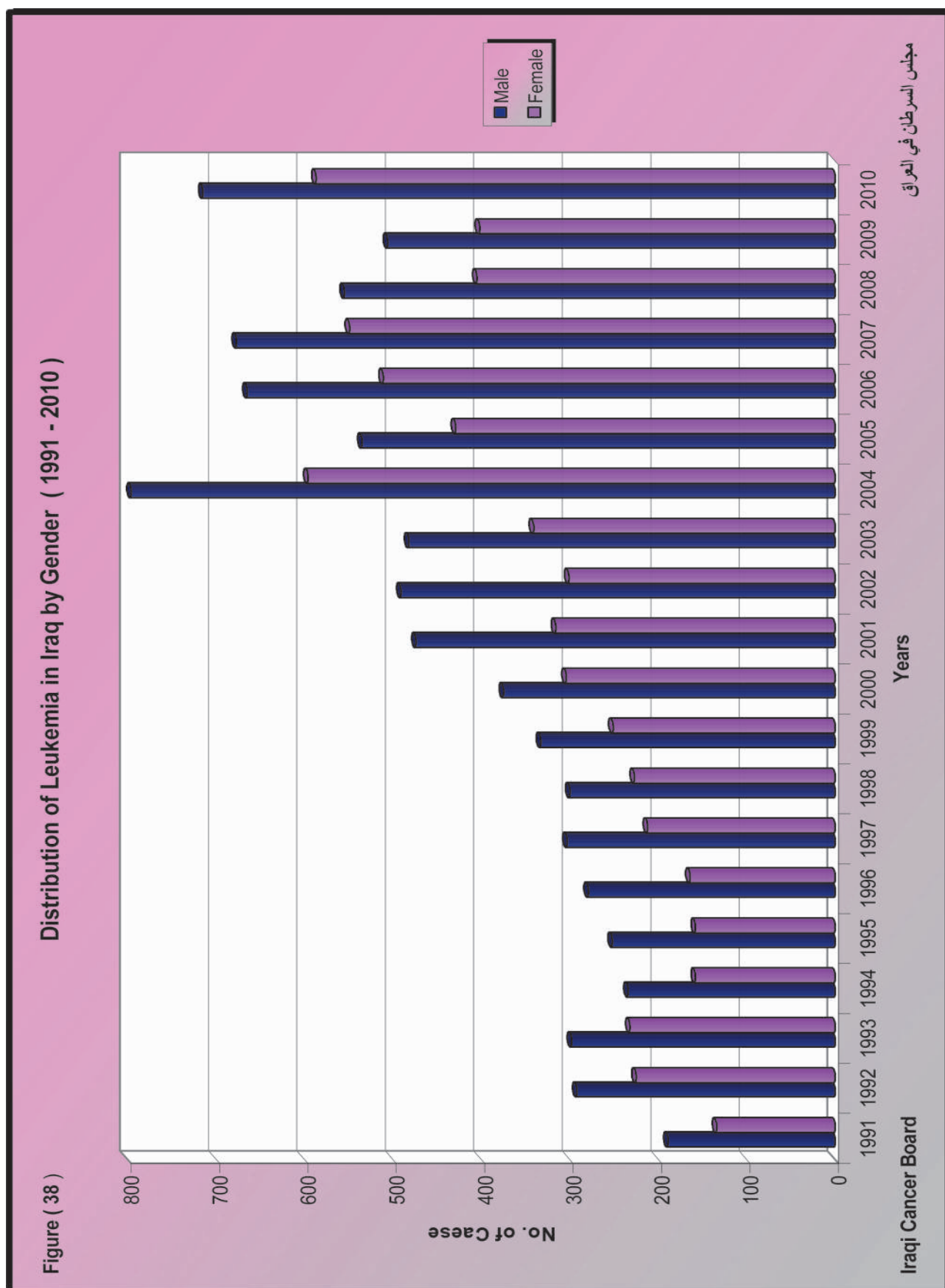
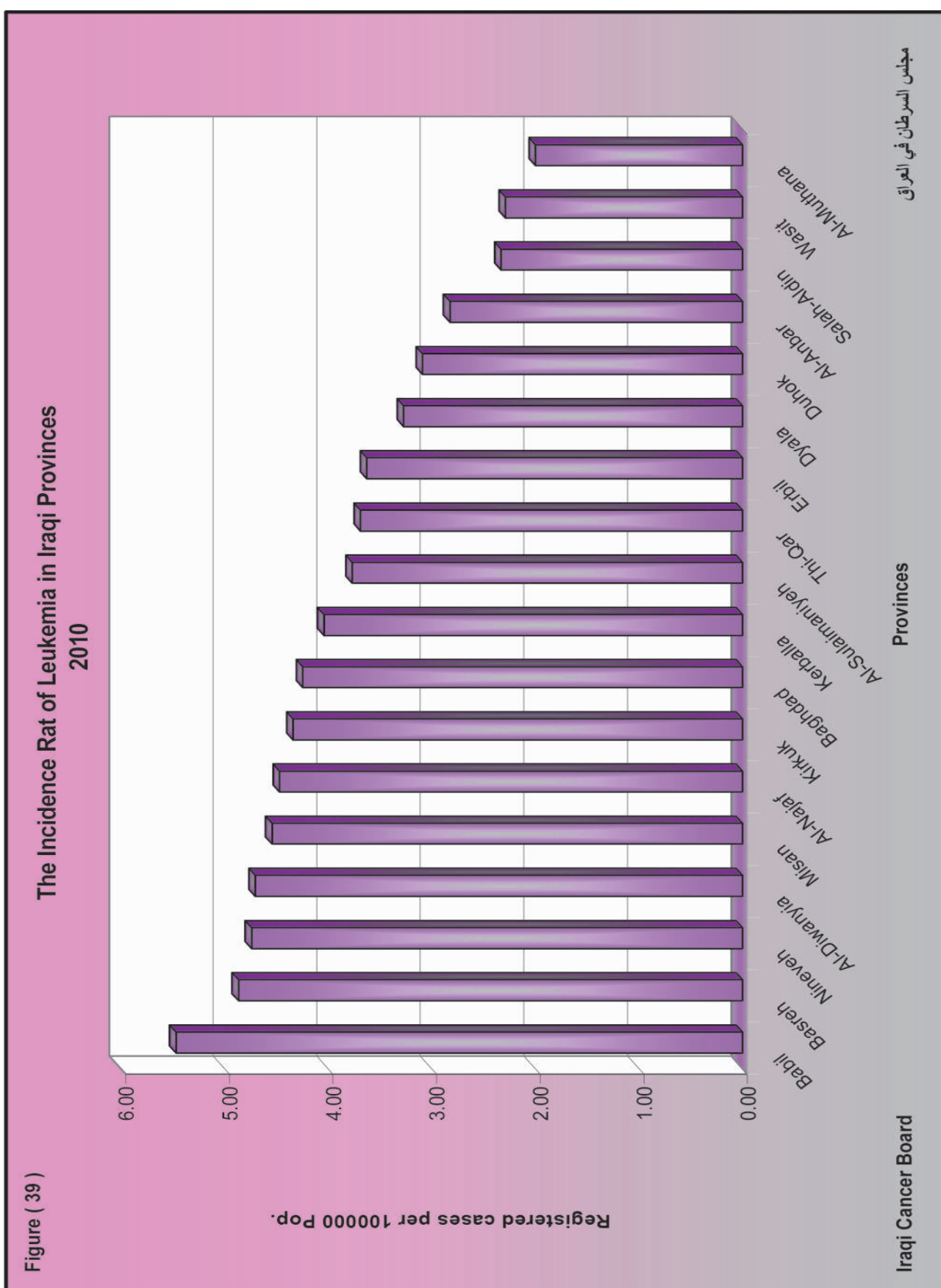


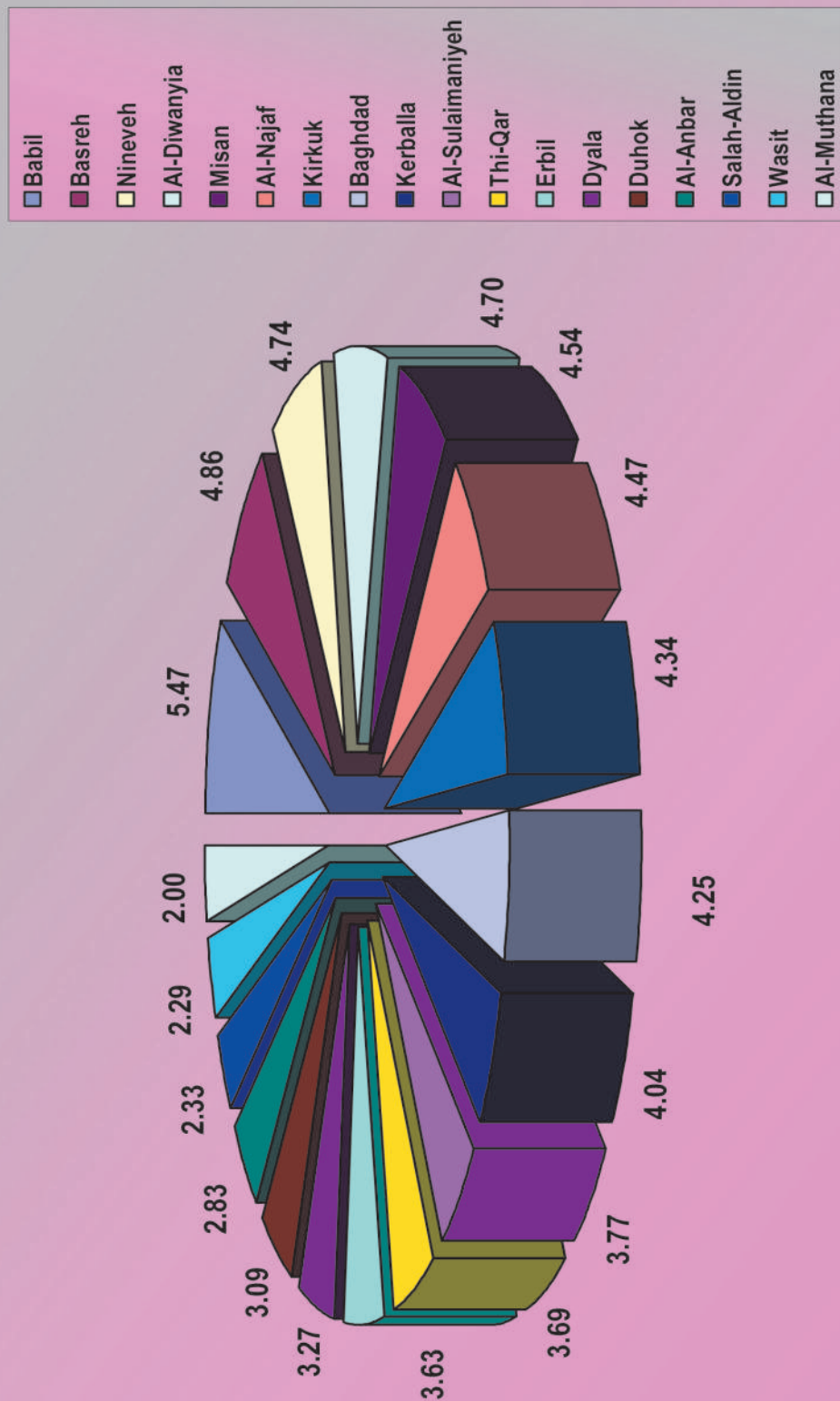
Table (66)

Percentage And Incidence Rate of Leukemia in All Provinces 2010

Province	Total Cases	No. of Leukemia cases	Leukemia %	Registered Cases of Leukemia /100000 Pop.
Baghdad	5036	292	5.80	4.25
Nineveh	1835	151	8.23	4.74
Kirkuk	681	59	8.66	4.34
Al-Anbar	745	43	5.77	2.83
Salah-Aldin	615	32	5.20	2.33
Dyala	587	46	7.84	3.27
Kerballa	725	42	5.79	4.04
Al-Najaf	979	56	5.72	4.47
Babil	1095	97	8.86	5.47
Wasit	602	27	4.49	2.29
Misan	396	43	10.86	4.54
Diwaniya	692	52	7.51	4.70
Thi-Qar	934	66	7.07	3.69
Al- Basrah	1448	120	8.29	4.86
Al-Muthana	304	14	4.61	2.00
Al-Sulaimaniyah	1016	69	6.79	3.77
Duhok	306	34	11.11	3.09
Erbil	251	57	22.71	3.63



The Incidence Rate of Leukemia In Iraqi Provinces 2010



مجلس السرطان في العراق

Iraqi Cancer Board

Cancer Mortality in 2010

Cancer Mortality in 2010:

Cancer is the fourth cause of death in Eastern Mediterranean Region and its incidence is increasing rapidly. The observed increase can be attributed to the trend of population aging, better detection and registration, and most importantly increased exposure to risk factors. The most important of these factors is smoking. Other factors include unhealthy diet, reduced physical activity, other behavioral lifestyle changes, pollution, and increased exposure to industrial and agricultural carcinogens. Cancer mortality , Based on the data from the annual mortality report for the year

2010 (health and bio-statistical department / Ministry of Health).

A total cancer deaths in Iraq is (9212), about (4884) in males&(4328)in females.

The first cancer deaths is cancer of Lung and Bronchus ,the second is Brain cancer ,the third is Breast cancer then leukemia, Liver ,Urinary Bladder, Stomach ,Colorectal ,lymph nodes and, Pancreas as shown in table (67).

In male the first ten cancer deaths are Bronchus & Lung, Brain, leukemia, Urinary Bladder ,Liver, Stomach ,Colorectal, lymph nodes, pancreas & Prostate as shown in table (68) .

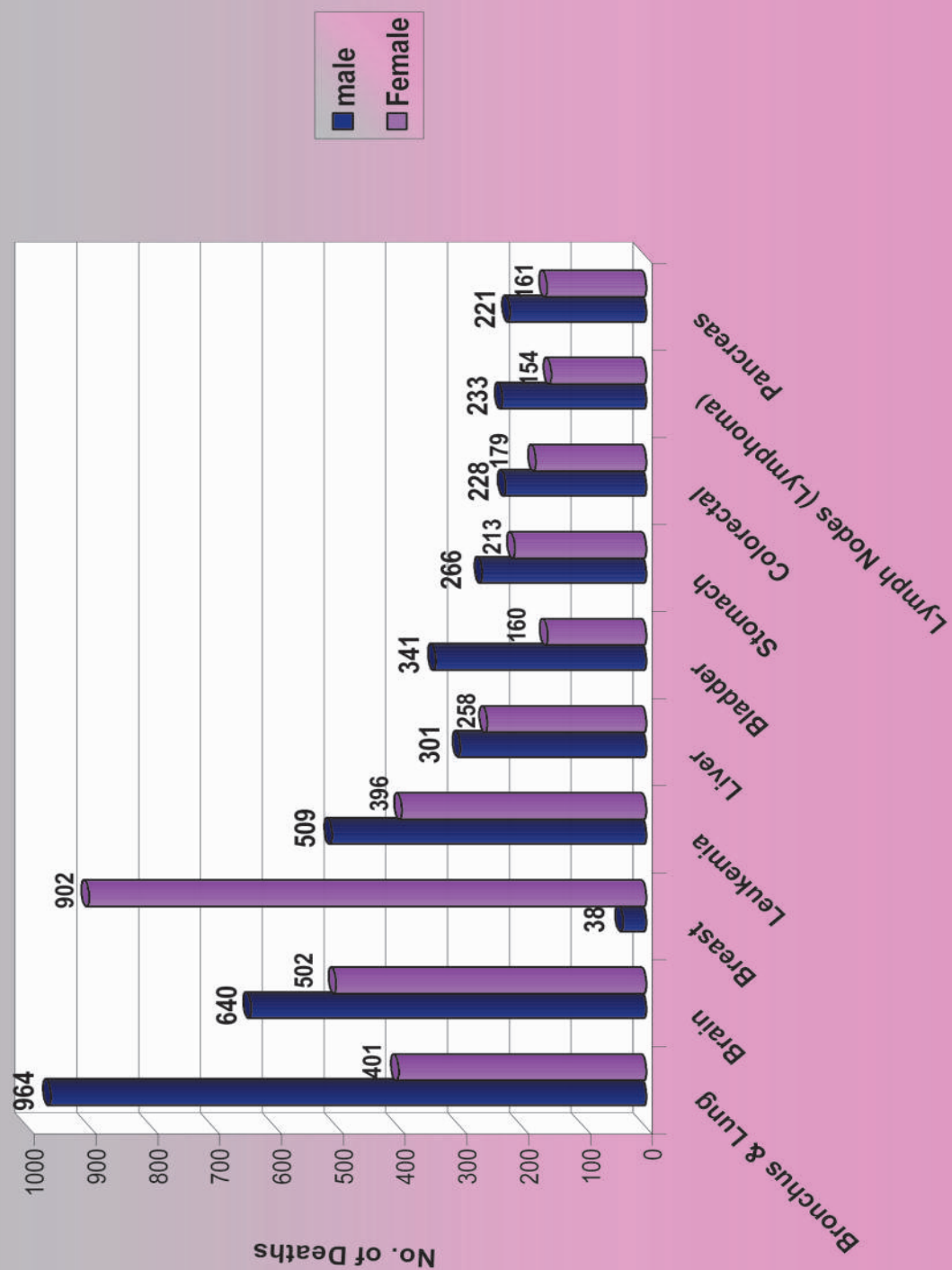
In female the first ten cancer deaths are Breast, Brain, Bronchus & Lung, leukemia, Liver, Stomach, Colorectal, Pancreas, Urinary Bladder and lymph nodes as shown in table(69) .

Table (67)

The Commonest Ten Cancer Deaths Registered By Site and Gender in Iraq – 2010

SITE	TOTAL	MALE	FEMALE	%	INCIDENCE RATE
Bronchus & Lung	1365	964	401	14.82	4.20
Brain	1142	640	502	12.40	3.51
Breast	940	38	902	10.20	2.89
Leukemia	905	509	396	9.82	2.79
Liver	559	301	258	6.07	1.72
Bladder	501	341	160	5.44	1.54
Stomach	479	266	213	5.20	1.47
Colorectal	407	228	179	4.42	1.25
Lymph Nodes (Lymphoma)	387	233	154	4.20	1.19
Pancreas	382	221	161	4.15	1.18
Total Ten	7067	3741	3326	76.72	21.75
All Cancers Deaths	9212	4884	4328	100.00	28.35

Figure (40) The Commonest Ten Cancer Deaths Registered By Site and Gender In Iraq - 2010



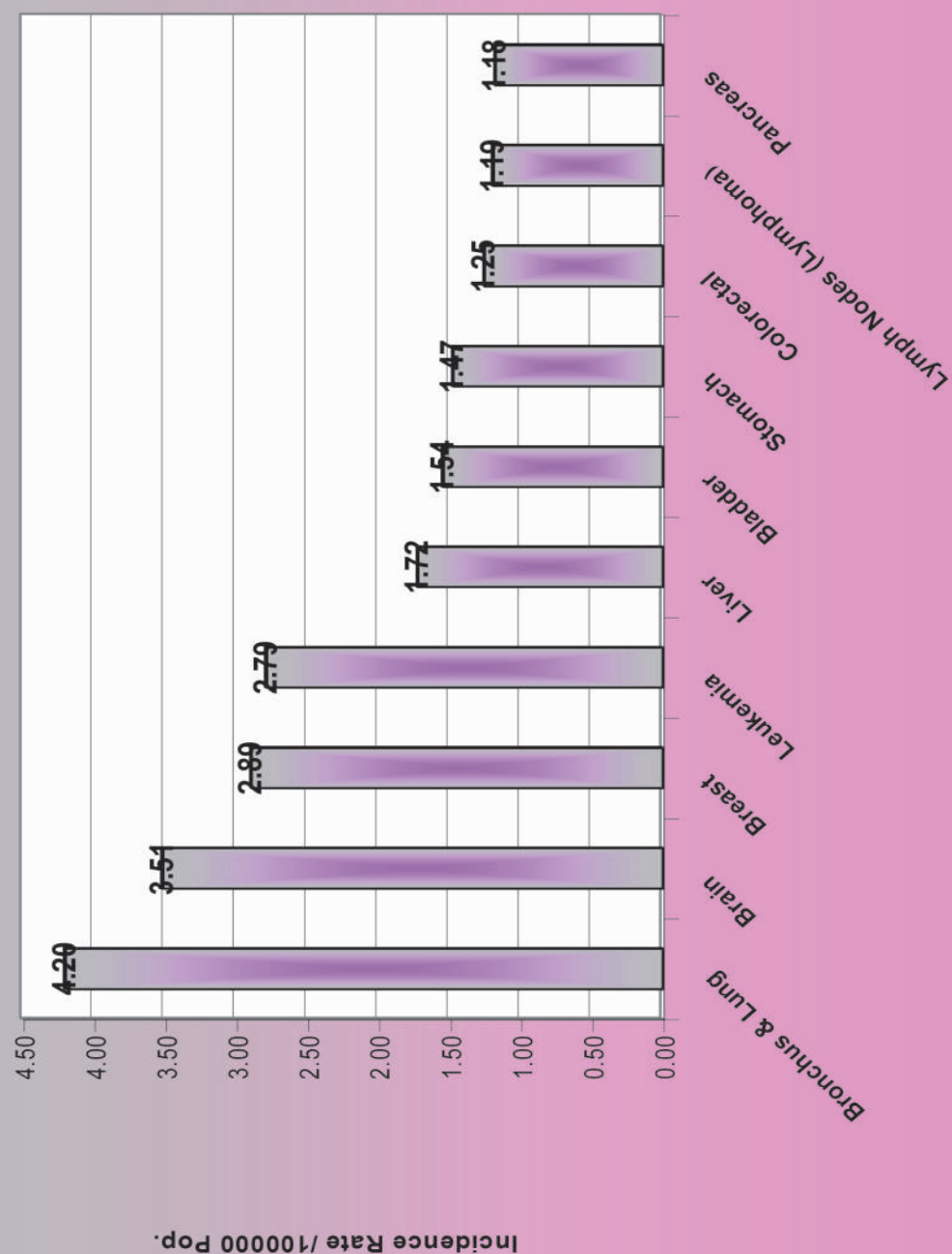
مجلس السرطان في العراق

Primary Site

Iraqi Cancer Board

Figure (41)

The Incidence Rate of Commonest Ten Cancer Deaths by Site In Iraq - 2010



Primary Site

مجلس السرطان في العراق

Iraqi Cancer Board

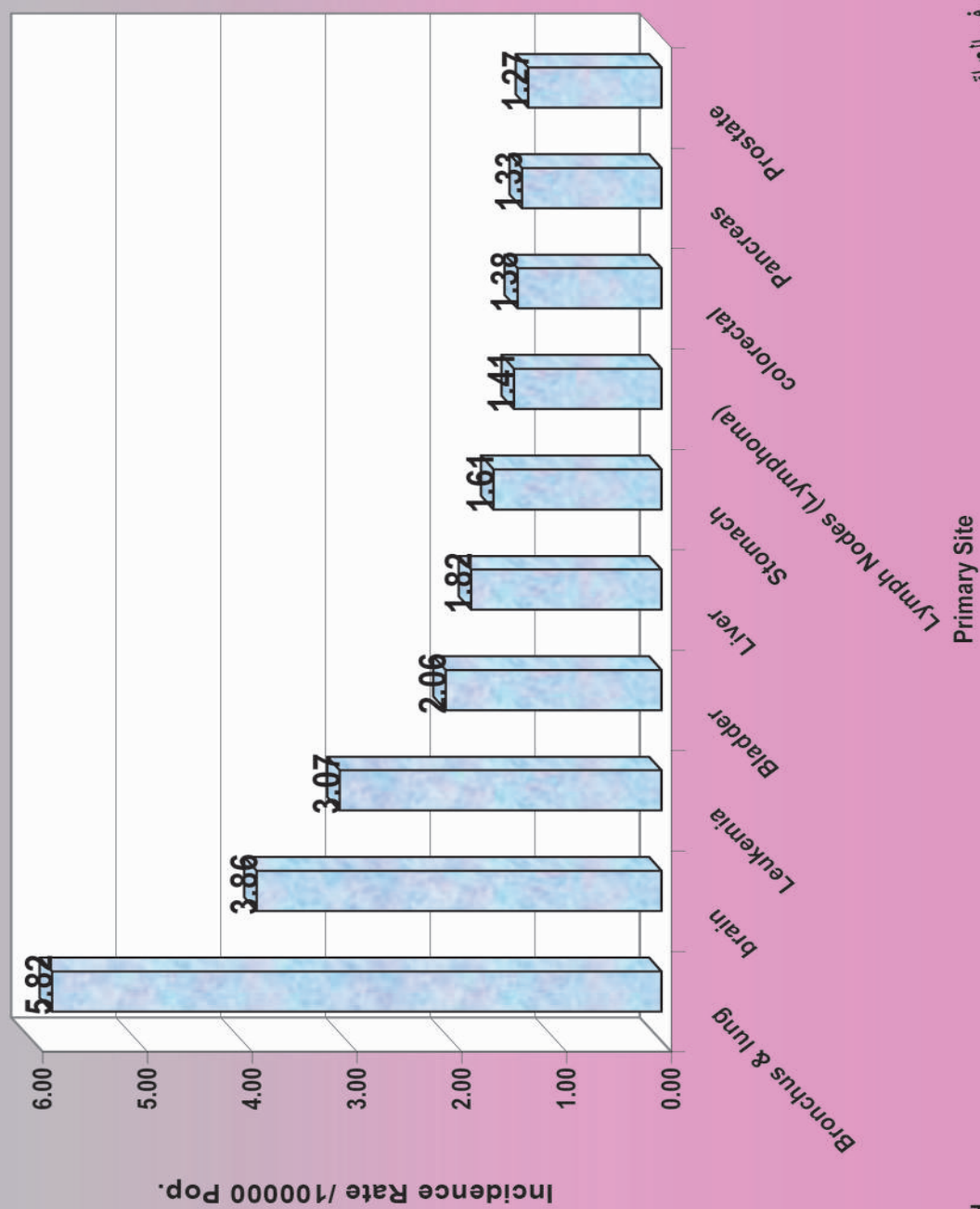
Table (68)

**The Incidence Rate of Top Ten Cancer Deaths by Site
Male - 2010**

SITE	MALE	%	INCIDENCE RATE
Bronchus & lung	964	19.74	5.82
Brain	640	13.10	3.86
Leukemia	509	10.42	3.07
Bladder	341	6.98	2.06
Liver	301	6.16	1.82
Stomach	266	5.45	1.61
Colorectal	233	4.77	1.41
Lymph Nodes (Lymphoma)	228	4.67	1.38
Pancreas	221	4.52	1.33
Prostate	211	4.32	1.27
Total Ten	3914	80.14	23.63
All Males Cancer's Deaths	4884	100.00	29.49

Figure (42)

The Incidence Rate of Commonest Ten Cancer Deaths by Site
in Male - 2010



مجلس السرطان في العراق

Primary Site

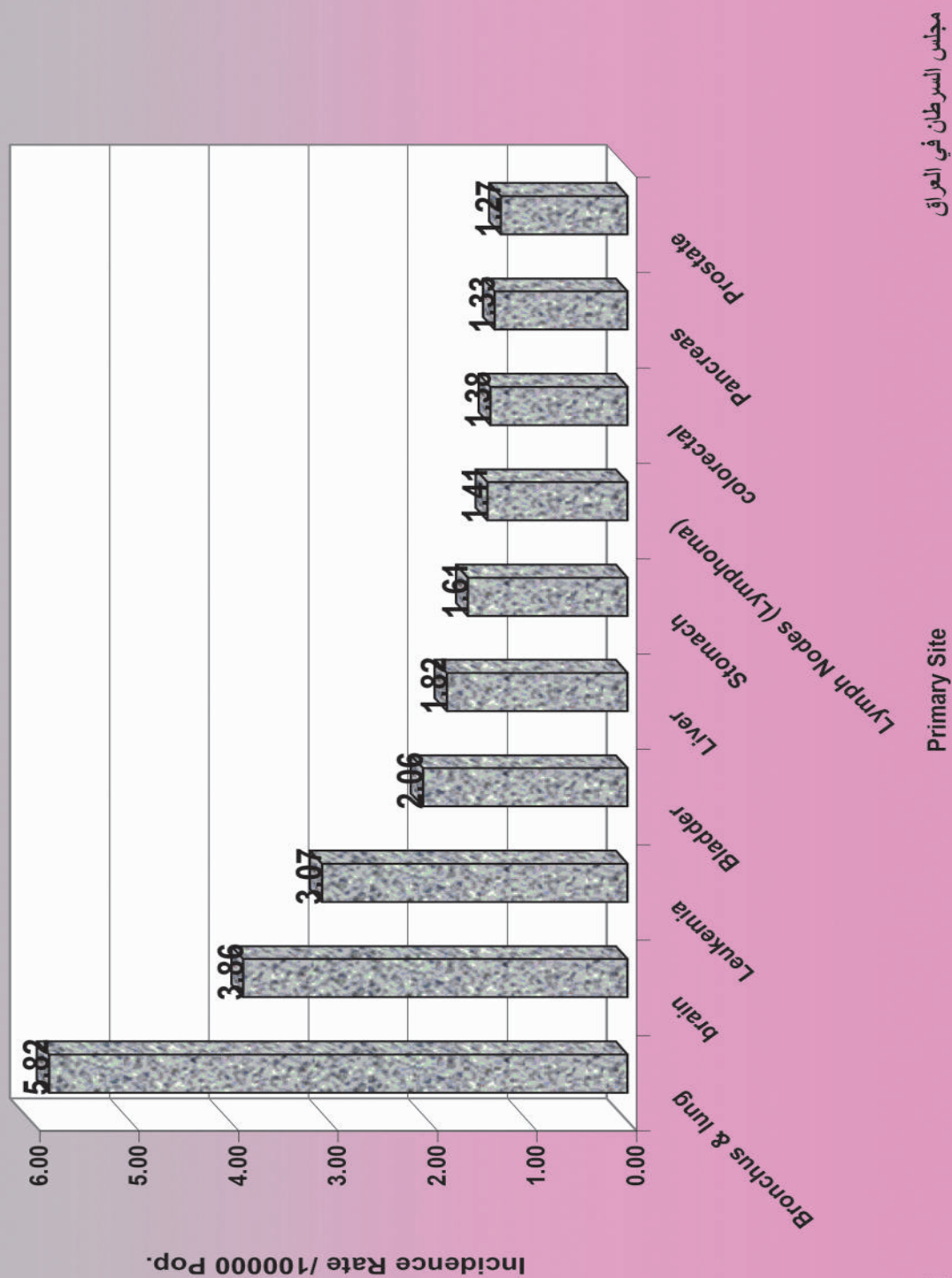
Iraqi Cancer Board

Table (69)
The Commonest Ten Cancer Deaths by Site in
Female -2010

SITE	FEMALE	%	INCIDENCE RATE
Breast	902	20.84	5.66
Brain	502	11.60	3.15
Bronchus & lung	401	9.27	2.52
Leukemia	396	9.15	2.49
Liver	258	5.96	1.62
Stomach	213	4.92	1.34
Colorectal	179	4.14	1.12
Pancreas	161	3.72	1.01
Bladder	160	3.70	1.00
Lymph Nodes (Lymphoma)	154	3.56	0.97
Total Ten	3326	76.85	20.88
All Females Cancer's Deaths	4328	100.00	27.17

Figure (42)

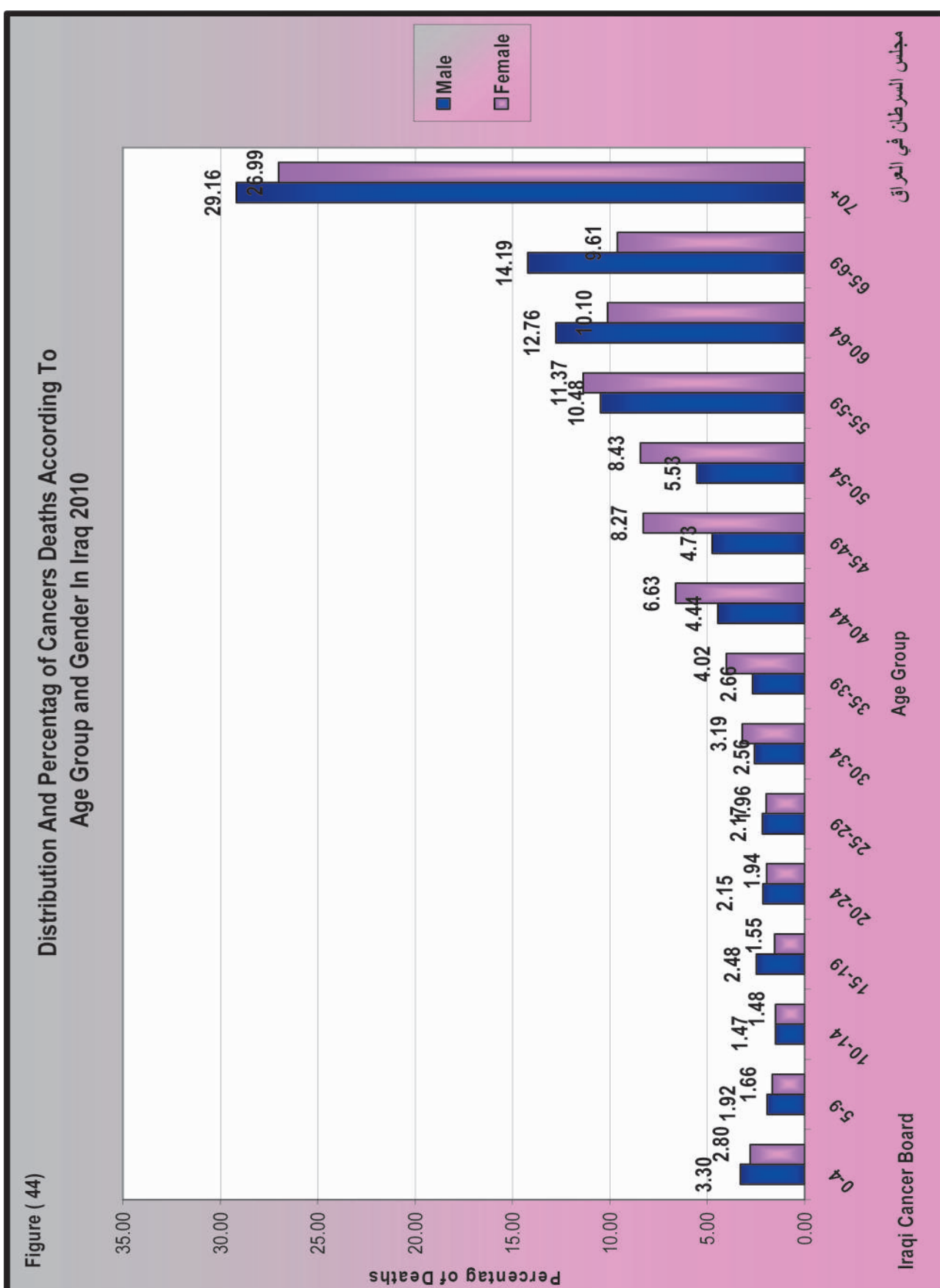
The Incidence Rate of Commonest Ten Cancer Deaths by Site
in Male - 2010



Iraqi Cancer Board

Primary Site

مجلس السرطان في العراق



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)
C44	Skin, other
C47	Nerves, periferal & ANS
C48	Peritoneum & Retroperit.
C49	Other connect./soft tissueues
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

Ministry Of Health Iraqi Cancer Registry

Can Reg-3 ☐ — ☐☐☐☐☐ ☐☐☐☐☐☐

I. Patient information

(A Baghdad , B Basrah , C Babil , D Mousl)

١. الاسم الاول :		٢. اسم الاب :	
First Name		Fathers Name	
٣. اسم العائلة :		٤. اسم الام :	
Family Name		Mothers Name	
Sex ☐ (1.Male 2.Female 3.Unknown)	Birth Date		
Age			
Nationality ☐ (1.Iraqi 2.Arab 3.Unknown)			
Address		Telephone	
(: دار : الزقاق : المحلة : المدينة : المحافظة :)			
Address Detail			
٦. المهنة : (١. ربة بيت (٢) عامل (٣) مزارع (٤) موظف (٥) معلم (٦) مهني (٧) كاسب (٨) اخرى (٩) غير موظف)			
Occupation ☐ (0.House wife 1.Manual 2.Agriculture 3.Technical 4.Office Gang 5.Trachning 6.Professional 7.Business 8.Other 9.Unknown)			
Tumour			
Diagnosis			
Basis of diagnosis ☐ (0.Death certificate 1.Clinical only 2.Clinical investigation 3.Surgery 4.Laboratory test 5.Cytology Haematological 6.Histology of Metastases 7.Histology of Primary 8.Autopsy with Histology 9.Unknown)			
Topography		Morphology	
Behaviour ☐ (0.Benign 1.Uncertain 2.In situ 3.Malignant)			
Grade ☐ (1.Grade I 2.Grade II 3.Grade III 4.Grade IV 5.T-Cell 6.B-Cell 7.Null Cell 8.Killer Cell 9.Unknown)			
Extent ☐ (1.In situ 2.Localised 3.Regional:Direct ext 4.Regional:Lymph nodes 5.Regional:Distant 6.L.N 7.Distant metastasis 8.Not applicable 9.Unknown)			
T ☐	(Advanced / Localized)		
N ☐	(+/0)	Multiple Primary	
M ☐	(+/0)	ICD - 10	
Hospital		Treatment	
Hospital	Date	No Patient	
اسم المستشفى			Surgery ☐ (1.Yes 2.No 9.Unknown)
اسم المستشفى			Radiotherapy ☐ (1.Yes 2.No 9.Unknown)
اسم المستشفى			Chemotherapy ☐ (1.Yes 2.No 9.Unknown)
Path Lab.	Date	Path Lab. No.	
اسم المستشفى			Hormonal therapy ☐ (1.Yes 2.No 9.Unknown)
اسم المستشفى			Immunotherapy ☐ (1.Yes 2.No 9.Unknown)
Follow up			
Date Last Contact or Death			
Status ☐ (1.Dead 2.Alive)			
Cause of Death ☐ (1.Cancer 2.Other 9.Unknown)			
ملاحظة : يرجى املء الحقول رقم (٨٠٧٠٦٠٥٠٤٣٠٢٠١) باللغة العربية وترك مايقابلها لمركز التسجيل السرطاني. اسم منظم الاستمارة وتوقيعه التاريخ : ٢٠١ / / الاحصائي :			

جدول (7)

السرطانات العشرة الشائعة للإناث في العراق لعام 2010

نسبة المراضة	النسبة المئوية	عدد الحالات	موقع الورم
21.75	34.86	3464	1- سرطان الثدي
3.69	5.91	587	2- سرطان الدم
3.01	4.82	479	3- سرطان الدماغ والجهاز العصبي
2.71	4.35	432	4- سرطان القولون والمستقيم
2.59	4.15	412	5- سرطان لا هودجكن
2.54	4.07	404	6- سرطان الرئة والقصبات
2.45	3.93	391	7- سرطان المبيض
2.14	3.43	341	8- سرطان الغدة الدرقية
2.08	3.33	331	9- سرطان الجلد
1.72	2.76	274	10- سرطان المثانة
44.67	71.59	7115	مجموع العشرة الشائعة
62.39	100.00	9939	المجموع الكلي

جدول (6)

السرطانات العشرة الشائعة للذكور في العراق لعام 2010

نسبة المراضة	النسبة المئوية	عدد الحالات	موقع الورم
7.21	13.97	1194	1- سرطان الرئة والقصبات
4.99	9.68	827	2- سرطان المثانة
4.32	8.37	715	3- سرطان الدم
3.58	6.94	593	4- سرطان الدماغ والجهاز العصبي
3.27	6.33	541	5- سرطان القولون والمستقيم
3.27	6.33	541	6- سرطان لا هودجكن
2.58	5.01	428	7- سرطان البروستات
2.44	4.73	404	8- سرطان الجلد
2.06	3.99	341	9- سرطان المعدة
1.76	3.41	291	10- سرطان هودجكن
35.47	68.76	5875	مجموع العشرة الشائعة
51.59	100.00	8544	المجموع الكلي

جدول (5)

السرطانات العشرة الشائعة في العراق لعام 2010

نسبة المراضة	النسبة المئوية	الأنثى	الذكور	عدد الحالات	موقع الورم
10.90	19.15	3464	76	3540	1- سرطان الثدي
4.92	8.65	404	1194	1598	2- سرطان الرئة والقصبات
4.01	7.04	587	715	1302	3- سرطان الدم
3.39	5.96	274	827	1101	4- سرطان المثانة
3.30	5.80	479	593	1072	5- الدماغ والجهاز العصبي
2.99	5.26	432	541	973	6- سرطان القولون والمستقيم
2.93	5.16	412	541	953	7- سرطان لا هودجكن
2.26	3.98	331	404	735	8- سرطان الجلد
1.82	3.20	251	341	592	9- سرطان المعدة
1.58	2.78	223	291	514	10- سرطان هودجكن
38.10	66.98	6857	5523	12380	مجموع العشرة الشائعة
56.89	100.00	9938	8544	18482	المجموع الكلي

المقدمة

تميز العراق بكونه أحد الدول الرائدة في منطقة الشرق الأوسط التي إهتمت بشكل مبكر بالبرامج الخاصة بمرض السرطان ومنها تأسيس سجل الأورام السرطانية عام 1976 . وبعد أن بدأت معدلات الإصابة بالمرض ترتفع أصبح من المهم إعداد دراسات وبحوث بشكل مُمنهج وإجراء تقييم مستمر لمشكلة السرطان بصورة علمية وتفصيلية من أجل وضع استراتيجية شاملة من ناحية التخطيط والتنفيذ للسيطرة على السرطان وقد تبلور هذا التوجه بتأسيس مجلس السرطان في العراق عام 1985 لمواجهة مشكلة السرطان التي أخذت حيزاً كبيراً من الإهتمام بإعتبارها إحدى المشاكل الصحية في العراق . ويمثل مرض السرطان أحد المشكلات والتحديات الرئيسة للصحة على مستوى العالم فقد بلغ عدد الإصابات الجديدة بالسرطان أكثر من 13 مليون سنوياً . كما بلغ عدد الوفيات 7 ملايين حالة وفاة بسبب السرطان سنوياً وهناك أكثر من 25 مليون شخص في العالم يعيشون مع مرض السرطان . وإن تضافر الجهود الطبية والإدارية والتمريضية وتقدمها هو الكفيل بعلاج مرضى السرطان في العراق وتقديم الرعاية التأهيلية لمرضاه . إن مجلس السرطان هو الجهة المركزية الرئيسة التي تمثل وزارة الصحة في التخطيط والإشراف والتنفيذ لمشاريع السيطرة على السرطان ومكافحته . إذ أولت قيادة وزارة الصحة الحالية متمثلة بمعالي وزير الصحة (رئيس مجلس السرطان) وسيادة الوكيل الفني (نائب رئيس مجلس السرطان) الإهتمام الكبير في دعم برامج السيطرة على السرطان بما فيها برنامج التسجيل السرطاني من خلال تطوير مهارات العاملين وتحديث آليات العمل والإلتزام بمطابقة البرامج للمعايير الدولية المتعمدة والتي إنعكست على الإصدارات السنوية للتسجيل السرطاني في العراق الذي أدى الى هذا الإصدار بحلته الجديدة . يعد التسجيل السرطاني من أهم البرامج التي تقدم وبصورة جلية وبائية هذا المرض وهو جزء من نظام المعلومات الصحي (عبارة عن عملية جمع وتصنيف منظمة ومنهجية مستمرة للمعلومات عن كل الحالات السرطانية للحصول على إحصائية عن حدوث وإنماط ومراحل السرطان في المجتمع من خلال تسجيل الاعداد الكلية لمرض السرطان ونسبة المراضة في المحافظات والأنواع الأكثر شيوعاً وتوزيعها بين الإناث والذكور وكذلك توزيعها بين الفئات العمرية واعداد حالات السرطان في كل محافظة . بهدف وضع إطار عملي لتقدير وتقييم حجم المرض لوضع الخطط اللازمة للسيطرة عليه) . إن إنجاز الطبعة السابعة عشر للتسجيل السرطاني (سنة 2010) لم يكن ليتحقق لولا الجهود الكبيرة التي بذلت من قبل فريق العمل في مجلس السرطان وشعب السيطرة على السرطان في دوائر الصحة في بغداد والمحافظات . إن مجلس السرطان في العراق إذ يقدم هذه الطبعة يتمنى أن يستفاد منها أطباؤنا وباحثونا والمهتمون في المجال الإحصائي بإستخدام البيانات الواردة فيه للمساهمة في الجهود المشتركة لمكافحة مرض السرطان في العراق . ختاماً نتقدم بالشكر الجزيل لكل من ساهم في إنجاز العمل ومن الله التوفيق .

مجلس السرطان في العراق



جمهورية العراق
وزارة الصحة
مجلس السرطان



التسجيل السرطاني في العراق

