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**Ministry of Health
Sultanate of Oman**

Cancer Incidence in Oman 2012



**Department of Non-Communicable Diseases
Directorate General of Primary Health Care**

Table 6: Age-adjusted Incidence Rates in Omanis, 1999-2012, males

SITE	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Lip	0.7	0.5	0.4	0.2	0	0.8	0.3	0.5	0	0.1	0	0.3	0.4	0.1
Tongue	1.2	1.3	0.9	0.7	0.9	0.8	1	1.5	1.3	1.2	0.7	0.8	0.9	0.7
Mouth	1	0.8	0.4	1.5	0.9	3	1.9	0.3	1.1	1.3	1.7	0.7	1.7	1.2
Salivary glands	0	0.2	0.3	0.5	0.1	1.5	0	0	0.1	0.3	0.2	0.5	0	0.3
Tonsil	0.2	0	0.3	0	0	0.7	0.8	0.4	0	0.3	0.2	0.2	0.4	0
Other Oropharynx	0	0.5	0	0	0.7	0.8	0.8	0.4	0	0.3	0.2	0.2	0.4	0
Nasopharynx	0.4	1.6	1.3	0.3	0.4	0.7	1	0.6	0.9	1.5	1.1	0.8	0.8	0.3
Hypopharynx	0.4	0.2	0.1	0.7	0.2	1.9	0	0	0	0.3	0.2	0	0.2	0
Pharynx unspec.	0	0	0	0	0.3	0.3	0	0	0.3	0	0.2	0	0.2	0
Oesophagus	2.6	2.4	2.6	2.8	2.1	3.1	3.5	3.2	2.6	1.3	2.1	4	2.4	1.8
Stomach	14	12.9	13.2	12	7.8	10.6	16	12.7	9.7	8.8	12.9	7.3	13.4	11.2
Small intestine	0.3	0.2	0.4	0.6	0	0	0.4	0	0.5	0	0.5	0.3	0.8	0.4
Colon	1.5	2.8	2.4	2.7	2.9	4.3	5.5	5.2	5	4.2	4.8	6.1	6.3	6.3
Rectum	1.8	1.1	3	1.6	3.1	1.6	4.5	3.7	3	2.4	4.5	2	5.5	3.9
Anus	0.9	0.3	1.2	0.8	0.7	0.6	0.3	0.3	0.5	0.5	0.2	0.3	0.7	0.4
Liver	9.5	5.9	6.8	3	5	8	9.8	4.5	4.5	8	4.5	3.5	6.2	4.4
Gallbladder etc.	0.8	1.2	0.5	0.7	0.7	1.1	2.3	0.5	1.8	0.9	1	1.3	1.9	0.3
Pancreas	1.7	2.3	3	0.5	1.4	4.1	2.3	1.9	1.2	2.3	2.3	3.4	3.7	2.7
Nose, sinuses etc.	0.7	0.5	0	0	0.1	0.8	0.6	0.4	0.9	0.1	0.2	0.2	0.7	0
Larynx	1.3	1.2	0.4	0.4	1.7	2.6	2.6	2.5	1.3	1.1	0.8	2.5	1.6	0.9
X Trachea, Bronchus, Lung	12.9	8.8	10	6.8	6.9	9.6	8.3	7.9	11.6	7.5	7.7	6.1	10.7	4.8
Other Thoracic organs	0.2	0.6	0.5	0.2	0.1	0.4	0.1	0.6	0.3	0.1	0.7	0	1.3	0
Bone	0.8	0.7	0.2	0.7	0.9	1.3	0.9	0.3	0.5	0.3	1	1.4	1.8	0.7
Melanoma of Skin	0	0.2	1	0.4	0.3	1.1	0.3	0	0.3	0.5	0.8	0.6	0.7	0.4
Other Skin	3.1	3.4	4	5.4	4.1	5.3	5.4	5.1	5.9	5.8	6.2	5.4	4.8	3.7
Mesothelioma	0.4	0.2	0.2	0	0.3	0	0	0.3	0.3	0	0	0	0.9	0.1
Kaposi sarcoma	1.3	0.2	0.5	1.2	0.7	0	0.5	0.7	0.5	0.5	0.5	0.3	1.4	0.1
Connective,Soft tissue	1	2	1.3	0.9	1.3	1.7	0.8	0.6	0.4	1.4	0.7	2	0.9	0.7
Breast	0.7	0.7	1.4	0.8	1.1	0.7	1.7	1.8	0.9	0.1	1.4	2	1.3	1.4
Penis	0	0	0	0	0	0	0.2	0	0	0.3	0	0.3	0	0
Prostate	12	9	10.6	7.4	6.9	8.5	12.3	8.2	15.5	11.7	12	12.5	16	12
Testis	0.5	0.2	0.7	0.9	0.6	1	0.5	0.7	0.4	0.7	0.4	0.5	0.6	0.3
Other male genital	0	0	0	0	0	0.2	0	0	0	0.1	0.1	0	0	0
Kidney	1.6	2.5	1.2	1.1	2.6	1.7	2.2	1.2	1.1	1.7	3.6	3.5	2.3	1.9
Renal Pelvis	0	0.2	0	0	0	0	0	0	0.7	0	0	0	0	0
Ureter	0	0	0.3	0	0	0	0	0.3	0	0	0	0	0	0.2
Bladder	6.6	3.8	4.4	4.1	4.8	5.2	7.3	7.5	7.9	6.9	7	8.3	8.1	5.2
Other Urinary organs	0.3	0.1	0	0.2	0	0	0	0.6	0	0	0	0	0	0
Eye	0.6	0.3	0.3	0	0.8	0.9	1	0.5	1.1	0.3	0.1	0	0.2	0
Brain, Nervous system	2.8	3	4.4	3.2	3.2	4.1	2.8	1.5	2.4	1.8	3.1	2.6	2.8	3.5
Thyroid	1.7	1.1	2.8	1.6	3.2	1.6	2	0.8	1.4	1.6	1.6	0.6	2.1	2.1
Adrenal gland	0.1	0.2	0.1	0	0.3	0.2	0.2	0.4	0.1	0	0.3	0.7	0.3	0.7
Other Endocrine	0.1	0	0.2	0	0	0.3	0	0.1	0.1	0	0.1	0	0	0
Hodgkin disease	2.2	2.7	3	2.4	2.5	2.8	2.3	2.2	1.6	2.9	1.7	1.7	3.5	2.4
Non-Hodgkin lymphoma	9	8.1	7.3	7.1	9.7	10.6	9	7.8	7.1	9.3	7.1	7.2	10.4	7.1
Immunoproliferative dis.	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0
Multiple Myeloma	1.6	2.4	2.1	1.4	0.8	3.1	3.5	1.2	2.9	2.5	2.2	1.8	1.8	2.1
Lymphoid Leukaemia	2.6	2.5	2.6	2.4	3.3	3.5	2.2	2.5	1.4	2.5	3.4	2.4	4.5	1.6
Myeloid Leukaemia	2.2	2.9	1.8	1.9	3.1	1.9	2.6	3.5	3.8	3.3	1.6	2.1	4.3	2.3
Leukaemia unspec.	0.6	0.6	1.2	1.2	1.1	0.6	0.4	0.1	0.4	0.2	0.3	0.2	0.3	0.2
Other & unspecified	5.2	6.8	5	5.3	4.2	7.6	4.6	5.8	5.6	4.4	5	2.5	6.8	3.6
All sites Total	109.1	99.3	104.3	85.4	92.3	120.4	124.5	100.7	109.8	101.8	107.1	98.9	135.2	92.1
All sites but C44	106	95.9	100.3	80	88.2	115.1	119.1	95.6	103.9	96	100.9	93.5	130.4	88.4

Table 7: Age-adjusted Incidence Rates in Omanis, 1999-2012, Females

SITE	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Lip	0	0	0	0	0.2	0.2	0	0.3	0.4	0.5	0	0	0	0.2
Tongue	0.9	0.5	0	0.1	0.4	0.3	0.2	0.4	0.5	0.3	0.3	0.8	1	0.5
Mouth	1	0.4	0.4	0.1	0.7	0.6	0.6	0.3	1.3	0.8	1.5	0.9	0.7	0.6
Salivary glands	0.4	0.2	0.3	0	1.2	0.8	0.4	0.7	0.4	0.2	0.3	0.2	0.6	0.1
Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Oropharynx	0	0	0	0	0.6	0.3	0.7	0	0.3	0	0	0	0	0
Nasopharynx	0.8	0.2	0	0.6	0.7	0.1	0	0.2	0.2	1	0.6	0.4	0.6	0.3
Hypopharynx	0.4	0.2	0.4	0.2	0.5	0.5	0	0.7	0.3	0.3	0	0	0	0
Pharynx unspec.	0	0	0.3	0	0	0	0	0	0.1	0.3	0	0	0.2	0
Oesophagus	3.3	2.1	1.7	1.1	0.9	1.5	1.9	2	3.1	1.7	2.4	1.2	1.2	1.4
Stomach	7	5.9	4.4	6.8	4	9.7	10.1	6.8	5.1	4.1	6	5.7	5.2	4.6
Small intestine	0	0	0.7	0.5	0	0.6	0.4	0.3	0	0.6	0.3	0.2	0.5	0.5
Colon	1	2.2	2.4	2.1	2.4	3.4	3.4	3	4.7	4.3	4.5	2.7	4.2	6.3
Rectum	0	2	1.5	2.2	2.6	1.9	1.2	2.7	2.6	1.9	2.6	3.9	3.2	2.2
Anus	0	0.2	0	0.1	0.5	0.4	0.7	0.5	0.6	0.3	0.3	0.6	0.4	0
Liver	4.1	3.1	2.5	1.7	1.9	1.9	2.2	2.4	1.2	1.7	3.8	3.6	2	1.8
Gallbladder etc.	1.4	0.8	1.4	0.3	0.5	1.2	1.1	1.8	1.3	1.5	1.4	0.6	1.1	1.3
Pancreas	1.2	1.2	1.8	0.7	0.8	2.7	2	1	0.3	1.6	1	1.3	1.9	1.1
Nose, sinuses etc.	0	0	0.1	0.8	0.3	0	0.4	0	0.3	0	1.1	0.3	0.2	0
Larynx	0	0.4	0.5	0.4	0.3	0.2	0.2	0.8	0.3	0	0.8	0.1	0	0.2
Trachea,Bronchus,Lung	2.1	2	3.2	1	2.2	3.1	2.4	3.6	1.6	3	3.7	1.8	3.6	3.2
Other Thoracic organs	0.1	0	0	0	0.3	0	0.1	0	0.4	0.5	0	0.1	0.1	0.2
Bone	0.6	0.4	0.4	0.2	0.3	0.8	0.7	0.8	0.1	0.4	0.1	0.3	0.7	0.8
Melanoma of Skin	0.1	0.9	0	0.1	0.2	0.5	0	0.1	0.5	0.5	0.4	0.4	0.6	0.2
Other Skin	5.5	4.8	3.3	1.5	2.5	3.7	4	4.1	2.1	4.7	4.8	5.3	3.9	3.4
Mesothelioma	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0
Kaposi sarcoma	0.9	0.4	0	0.2	0.6	0	0	0	0.2	0.7	0.4	0.3	0	0
Connective,Soft tissue	1.1	1.5	0.7	1	0.3	1.4	0.7	0.8	0.7	0.7	0.2	0.3	0.2	1.2
Breast	13.8	15.1	16	14.8	13.6	22.9	21.8	22.9	22.2	24.1	21.9	24	27.5	22.4
Vulva	0.4	0.3	0.3	0.2	0.8	1	0	1	0.3	0	0	0.2	0	0.3
Vagina	0	0.6	0.2	0.5	0	0.4	0.1	1.5	0	0.8	0	0	0.1	0.5
Cervix Uteri	6.3	7	5.7	3.8	7.6	7.6	7.4	6.4	5.7	6.8	2.6	7.4	6.1	4
Corpus Uteri	0.2	0.8	1.5	1.8	1.7	3.1	2.2	2.3	2.8	3.2	3.5	3.2	6	2.4
Uterus unspec.	1.8	0.5	1.4	0.7	0.6	0.6	0.4	0.5	0.8	1.6	0.4	0.7	1.2	0.7
Ovary	7	6	4.5	3.7	3.6	3.1	5.3	4.9	5.5	3.4	2.5	3.2	3.7	3
Other Female Genital	0	0	0	0.2	0	0.1	0	0.5	0.8	0	0	0	0	0
Placenta	0	0.6	0.3	0	0.1	0.1	0	0.2	0.1	0	0.2	0	0.2	0.1
Kidney	1	1.8	2	0.7	2.2	0.6	1.9	0.8	1.2	3.7	1.7	1.5	2.7	1
Renal Pelvis	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0
Ureter	0	0	0.2	0	0	0	0.3	0	0	0	0	0.2	0	0.3
Bladder	3.4	1.5	2.1	2.8	2	3.6	2.9	4.8	2.7	2.8	2	1.5	2	1.4
Other Urinary organs	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0.2
Eye	0.9	0.2	0.2	0.3	0.2	0.2	0.5	0.3	0.4	0.2	0.3	0.4	0.4	0.2
Brain, Nervous system	2.4	1.9	3.2	1.1	1.2	2.5	1.4	2.2	1.7	1.9	1.4	3	2.1	0.8
Thyroid	5.9	4	7	6.1	5.9	4.8	6.4	6.6	5.6	4.8	6.7	5	8.8	7.6
Adrenal gland	0.2	0.5	0.3	0.1	0.3	0.1	0	0.3	0	0.4	0.1	0	0.4	0.3
Other Endocrine	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1
Hodgkin disease	2	1.9	0.7	1.3	1.6	0.6	1.7	0.7	1.5	1.8	1.8	1.4	3.2	0.8
Non-Hodgkin lymphoma	3.3	5.4	5.1	4.5	5.2	8.7	6	4.5	6	5.5	5.7	7.9	7.2	4.3
Immunoproliferative dis.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multiple Myeloma	2.5	2.7	0.5	0.2	1.5	1.9	1.5	2.3	0.8	0.9	1.6	1.5	1	1.6
Lymphoid Leukaemia	1	1.3	1.7	1.3	1.7	2	1.8	1.9	1.3	2.4	1.1	1.5	1.5	1.8
Myeloid Leukaemia	1.9	2.5	1.8	0.9	2.1	1.8	1.3	1.3	1.7	2.1	2.1	2.9	1.8	1.4
Leukaemia unspec.	0.4	0.7	1.2	1.6	1.8	0.7	0.1	0.2	1.2	0.5	0.5	0	0.3	0
Other & unspecified	6.6	4.5	3.6	5.5	4.4	6.2	6.5	6.6	7.2	2.6	2.9	1.8	3.8	1.6
All sites Total	92.7	89.4	85.9	73.6	82.8	108.8	103.4	106	98.2	101.1	95.6	98.3	112.1	86.7
All sites but C44	87.2	84.6	82.6	72.1	80.3	105.1	99.4	102	96.2	96.4	90.8	93	108.2	83.3