



**Ministry of Health
Sultanate of Oman**

Cancer Incidence in Oman 2014



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

Trends of Cancer

Table 7: Age-adjusted Incidence Rates in Omani Males, 2002-2014

SITE	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lip	0.2	0	0.8	0.3	0.5	0	0.1	0	0.3	0.4	0.1	0.2	0
Tongue	0.7	0.9	0.8	1	1.5	1.3	1.2	0.7	0.8	0.9	0.7	1.9	0.6
Mouth	1.5	0.9	3	1.9	0.3	1.1	1.3	1.6	0.7	1.7	1.2	0.6	1.3
Salivary glands	0.5	0.1	1.5	0	0	0.1	0.3	0.2	0.5	0	0.3	0.4	0.2
Tonsil	0	0	0.3	0.2	0.5	0.6	0.2	0	0.2	0	0	0.1	0
Other oropharynx	0	0.7	0.8	0.8	0.4	0	0.3	0.2	0.2	0.4	0	0.2	0.2
Nasopharynx	0.3	0.4	0.7	1	0.6	0.9	1.5	1	0.8	0.8	0.3	0.3	0.8
Hypopharynx	0.7	0.2	1.9	0	0	0	0.3	0.7	0	0	0	0	0
Pharynx unspecified	0	0.3	0.3	0	0	0.3	0	0.2	0	0.2	0	0.1	0.1
Oesophagus	2.8	2.1	3.1	3.5	3.2	2.6	1.3	1.7	4	2.3	1.8	1.5	2.2
Stomach	12	7.8	10.6	16	13	9.7	8.8	9.9	7.3	13.7	11.3	8.1	8.3
Small intestine	0.6	0	0	0.4	0	0.5	0	0.4	0.4	1.1	0.4	0.6	0.7
Colon	2.7	2.9	4.3	5.5	5.2	5	4.4	4.2	6.3	6.8	7.3	6.7	6.1
Rectum	1.6	3.1	1.6	4.5	3.7	3	2.4	3.7	2	5.5	3.9	4.4	3.1
Anus	0.8	0.7	0.6	0.3	0.3	0.5	0.5	0.2	0.3	0.7	0.6	0.6	0.3
Liver	3	5	8	9.8	4.5	4.5	8	3.7	3.8	6.4	5.1	4.5	7.7
Gallbladder etc.	0.7	0.7	1.1	2.3	0.5	1.8	0.9	0.9	1.3	1.9	0.3	0.6	0.5
Pancreas	0.5	1.4	4.1	2.3	1.9	1.2	2.3	2.1	3.4	3.7	2.7	3.6	1.9
Nose, sinuses etc.	0	0.1	0.8	0.6	0.5	0.9	0.1	0.2	0.2	0.7	0	0	0
Larynx	0.4	1.7	2.6	2.6	2.5	1.3	1.1	0.8	2.5	1.6	0.9	1.2	0.4
Trachea, bronchus and lung	6.8	6.9	9.6	8.3	8.2	11.6	7.6	6.4	6.3	11.2	5	7.3	8
Other thoracic organs	0.2	0.1	0.4	0.1	0.6	0.3	0.1	0.4	0	1.3	0	0.2	0.4
Bone	0.7	0.9	1.3	0.9	0.3	0.5	0.3	1.1	1.4	1.8	0.7	0.7	0.5
Melanoma of skin	0.4	0.3	1.1	0.3	0	0.3	0.5	0.6	0.6	0.7	0.4	0.7	0.2
Other skin	5.4	4.1	5.3	5.4	5.1	5.9	5.7	4.8	5.2	4.8	3.7	4.5	3.2
Mesothelioma	0	0.3	0	0	0.3	0.3	0.3	0	0	0.9	0.1	0.2	0.3
Kaposi sarcoma	1.2	0.7	0	0.5	0.7	0.5	0.5	0.4	0.3	1.4	0.1	0.6	0
Connective and soft tissue	0.9	1.3	1.7	0.8	0.6	0.4	1.2	0.4	1.4	0.9	0.7	0.9	0.9
Breast	0.8	1.1	0.7	1.7	1.8	0.9	0.1	0.9	2	1.3	1.4	0.8	1.8
Penis	0	0	0	0.2	0	0	0.3	0	0.3	0	0	0	0.1
Prostate	7.4	6.9	8.5	12.3	8.2	15.2	12.3	9.4	12.8	16.3	13.2	13.4	11.4
Testis	0.9	0.6	1	0.5	0.7	0.4	0.7	0.4	0.5	0.6	0.3	0.6	0.6
Other male genital organs	0	0	0.2	0	0	0	0.1	0.1	0	0	0	0	0
Kidney	1.1	2.6	1.7	2.2	1.2	1.1	1.7	2.8	3.8	2.3	1.9	2.2	3.1
Renal pelvis	0	0	0	0	0	0.7	0	0	0	0	0	0	0
Ureter	0	0	0	0	0.3	0	0	0	0	0	0.2	0	0
Bladder	4.1	4.8	5.2	7.3	7.5	7.6	6.9	4.7	8.6	8.7	6	7.7	6.1
Other urinary organs	0.2	0	0	0	0.6	0	0	0	0	0	0	0	0
Eye	0	0.8	0.9	1	0.5	1.1	0.3	0.1	0	0.2	0	0.2	0
Brain, nervous system	3.2	3.2	4.1	2.8	1.5	2.3	1.8	3	2.6	2.8	3.4	2.2	2.7
Thyroid	1.6	3.2	1.6	2	0.8	1.4	2	1.5	0.6	2.2	2.1	2.4	3
Adrenal gland	0	0.3	0.2	0.2	0.4	0.1	0	0.3	0.7	0.3	0.7	0.3	0.4
Other endocrine	0	0	0.3	0	0.1	0.1	0	0.1	0	0	0	0.1	0.2
Hodgkin disease	2.4	2.5	2.8	2	2.2	1.6	2.9	1.8	1.7	3.5	2.8	1.7	1.6
Non-Hodgkin lymphoma	7.1	9.7	10.6	9	7.8	6.9	9.7	6.3	7.2	10.6	7.5	6.9	7.8
Immunoproliferative diseases	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0
Multiple myeloma	1.4	0.8	3.1	3.5	1.2	2.6	2.5	1.8	1.8	1.8	2.2	2.1	1.5
Lymphoid leukaemia	2.4	3.3	3.5	2.2	2.5	1.3	2.5	3.1	2.4	4.9	1.6	1.6	2.9
Myeloid leukaemia	1.9	3.1	1.9	2.6	3.5	3.8	3.3	1.8	2.1	4.3	2.3	1.8	2.1
Leukaemia unspecified	1.2	1.1	0.6	0.4	0.1	0.4	0.2	0.2	0.2	0.3	0.2	0.7	0.1
Myeloproliferative disorders	0	0	0	0	0	0	0.3	0.2	0.5	0.1	0	0	0
Myelodysplastic syndromes	0	0	0	0	0	0	0	0	0.6	0	0	0	0
Other and unspecified	5.3	4.2	7.6	4.6	5.8	5.6	4.1	4	3.1	5.9	4	2.7	1
All sites	85.4	92.3	120.4	124.2	101.3	108.5	103.2	89.2	101.5	138.2	97.1	98.2	94.4
All sites but C44	80	88.2	115.1	118.7	96.2	102.6	97.5	84.4	96.3	133.4	93.5	93.7	92.4

Trends of Cancer

Table 8: Age-adjusted Incidence Rates in Omani Females, 2002-2014

SITE	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lip	0	0.2	0.2	0	0.3	0.4	0.5	0	0	0	0.3	0	0
Tongue	0.1	0.4	0.3	0.2	0.4	0.5	0.3	0.3	0.8	1	0.5	0.2	1
Mouth	0.1	0.7	0.6	0.6	0.3	1.3	0.8	1.1	0.9	0.7	0.5	0.9	0.6
Salivary glands	0	1.2	0.8	0.4	0.7	0.4	0.2	0.3	0.2	0.6	0.1	0.2	0.2
Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	0
Other oropharynx	0	0.6	0.3	0.7	0	0.3	0	0	0	0	0	0.1	0
Nasopharynx	0.6	0.7	0.1	0	0.2	0.2	1	0.6	0.4	0.6	0.3	0.1	0.3
Hypopharynx	0.2	0.5	0.5	0	0.7	0.3	0.3	0	0	0	0	0	0.1
Pharynx unspecified	0	0	0	0	0	0.1	0.3	0	0	0.2	0	0.1	0
Oesophagus	1.1	0.9	1.5	1.9	2	3.1	1.7	1.6	1.1	1.2	1.4	0.4	0.5
Stomach	6.8	4	9.7	10.1	6.8	5.1	4.1	4.9	5.7	5.1	4.8	4.5	5
Small intestine	0.5	0	0.6	0.4	0.3	0	0.6	0.2	0.2	0.5	0.5	0.3	0
Colon	2.1	2.4	3.4	3.4	3	4.7	4.3	4.1	2.8	4.6	7	4	6.7
Rectum	2.2	2.6	1.9	1.2	2.7	2.6	1.9	2.2	4.1	3.2	2.3	3.3	3.4
Anus	0.1	0.5	0.4	0.7	0.5	0.6	0.3	0.2	0.6	0.4	0	0	0.3
Liver	1.7	1.9	1.9	2.2	2.4	1.2	1.7	3.2	3.6	2	2.2	2.7	4.6
Gallbladder etc.	0.3	0.5	1.2	1.1	1.8	1.3	1.5	1.2	0.6	1.1	1.3	0.7	1
Pancreas	0.7	0.8	2.7	2	1	0.3	1.6	0.7	1.3	1.9	1.5	2.7	1.8
Nose, sinuses etc.	0.8	0.3	0	0.4	0	0.3	0	0.9	0.3	0.2	0	0	0
Larynx	0.4	0.3	0.2	0.2	0.8	0.3	0	0.7	0.1	0	0.2	0.4	0.2
Trachea, bronchus and lung	1	2.2	3.1	2.4	3.6	1.6	3	2.9	1.8	3.6	3.6	2.9	2.4
Other thoracic organs	0	0.3	0	0.1	0	0.4	0.5	0	0.1	0.1	0.2	0	0.1
Bone	0.2	0.3	0.8	0.7	0.8	0.1	0.1	0.1	0.3	0.7	1	1.2	0.4
Melanoma of skin	0.1	0.2	0.5	0	0.1	0.5	0.5	0.4	0.4	0.6	0.2	0.2	0
Other skin	1.5	2.5	3.7	4	4.1	2.1	5	3.8	5.2	3.9	3.4	3.9	3
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Kaposi sarcoma	0.2	0.6	0	0	0	0.2	0.7	0.3	0.3	0	0	0.2	0
Connective and soft tissue	1	0.3	1.4	0.7	0.8	0.7	0.7	0.2	0.3	0.2	1.2	0.7	0.5
Breast	14.8	13.6	22.9	21.8	22.6	22.1	25	20.4	24.3	27.9	24	24.3	21.8
Vulva	0.2	0.8	1	0	1	0.3	0	0	0.2	0	0.3	0.1	0
Vagina	0.5	0	0.4	0.1	1.5	0	0.8	0	0	0.1	0.7	0.1	0.7
Cervix uteri	3.8	7.6	7.6	7.4	6.4	5.7	6.8	2.3	7.4	6.1	4	3.8	4.3
Corpus uteri	1.8	1.7	3.1	2.2	2.2	2.8	3.2	2.8	3.2	6	2.4	2.6	2.5
Uterus unspecified	0.7	0.6	0.6	0.4	0.5	0.8	1.6	0.4	0.7	1.2	0.7	0.7	1.1
Ovary	3.7	3.6	3.1	5.3	4.9	5.5	3.4	2.3	3.6	3.7	3.2	3.4	4.3
Other female genital organs	0.2	0	0.1	0	0.5	0.8	0	0	0	0	0	0.3	0
Placenta	0	0.1	0.1	0	0.2	0.1	0	0.2	0	0.4	0.1	0	0
Kidney	0.7	2.2	0.6	1.8	0.8	1.2	3.7	1.5	1.5	2.7	1.2	2.1	1.9
Renal pelvis	0	0	0	0.3	0	0	0	0	0	0	0	0	0
Ureter	0	0	0	0.3	0	0	0	0	0.2	0	0.2	0	0
Bladder	2.8	2	3.6	2.9	4.8	2.1	2.8	1.7	1.8	2	1.5	1.4	1.9
Other urinary organs	0	0	0	0	0	0.2	0	0	0	0	0.2	0	0
Eye	0.3	0.2	0.2	0.5	0.3	0.4	0.2	0.2	0.4	0.4	0.2	0	0.1
Brain, nervous system	1.1	1.2	2.5	1.4	2.2	1.7	1.9	1.3	2.8	2.2	0.9	1.2	1.7
Thyroid	6.1	5.9	4.8	6.4	6.3	5.6	4.9	6.7	5.2	9.1	7.6	12.1	10.1
Adrenal gland	0.1	0.3	0.1	0	0.3	0	0.4	0.1	0	0.4	0.3	0.1	0.1
Other endocrine	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1
Hodgkin disease	1.3	1.6	0.6	1.7	0.7	1.5	2.3	1.5	1.4	3.2	1	2.2	1.1
Non-Hodgkin lymphoma	4.5	5.2	8.7	6	4.5	6	5.5	4.7	7.9	7.2	4.3	4.8	3.9
Immunoproliferative diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Multiple myeloma	0.2	1.5	1.9	1.5	2.3	0.8	0.9	1.3	1.5	1	1.6	1.4	0.9
Lymphoid leukaemia	1.3	1.7	2	1.8	1.9	1	2.4	1.1	1.6	1.5	1.9	1.6	2.1
Myeloid leukaemia	0.9	2.1	1.8	1.3	1.3	1.5	2.1	1.9	2.9	2	1.7	1.6	2.1
Leukaemia unspecified	1.6	1.8	0.7	0.1	0.2	1.2	0.5	0.4	0	0.3	0	0.2	0.5
Myeloproliferative disorders	0	0	0	0	0	0	0	0	0	0	0	0	0
Myelodysplastic syndromes	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified	5.5	4.4	6.2	6.5	6.6	6.9	2.6	2.6	2	3.7	1.5	2.6	2.3
All sites	73.6	82.7	108.8	103.3	105.3	97.1	103.3	83.2	99.5	113.5	91.9	96.4	95.4
All sites but C44	72.1	80.3	105.1	99.3	101.2	95.1	98.4	79.3	94.3	109.7	88.5	92.6	92.4