

Appendix 1: The 13-year trends of Kidney Cancer and Ureter cancer incidence rate (per 100,000 population) by regional centers in Iran, 2004-2016

regional centers	2004		2005		2006		2007		2008		2009		2010	
	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer
Tehran	0.5	0.01	0.9	0.03	0.7	0.03	0.9	0.01	2.4	0.05	2.5	0.1	2.2	0.07
Mashhad	0.6	0.04	0.9	0.06	1.1	0.03	1.4	0.06	1.3	0.06	1.6	0.07	1.9	0.03
Tabriz	0.6	0.05	0.72	0.01	0.8	0.03	1.4	0.01	1.4	0.03	1.7	0.03	1.3	0.02
Kermanshah	0.8	0.03	0.7	0	1.2	0	1.7	0	1.6	0.03	1.9	0.03	1.8	0.03
Hamedan	0.7	0	0.9	0	10.8	0.88	15.4	0.58	14.8	0.87	17.8	0.58	15.8	0.86
Ahwaz	0.7	0.12	1	0	1.3	0.02	1.5	0.02	2.5	0.07	1.4	0.02	1.9	0.02
Kerman	0.3	0.02	0.4	0.02	0.7	0	0.6	0	0.7	0.02	1.2	0.02	1.2	0.02
Esfahan	1.2	0.03	1.2	0.08	1.4	0.09	2	0.02	1.6	0.08	2.4	0.14	2.2	0.09
Rasht	0.5	0.04	0.8	0.13	1.1	0.04	1.1	0.04	1.4	0.08	1.6	0.08	1.5	0.04
Sari	5.1	0.12	5.8	0.28	6	0.23	4.4	0.19	1.1	0.02	1.1	0.04	0.9	0.11
Qom	0.6	0	0.6	0	0.6	0.04	0.9	0	1.2	0	1.6	0	1.3	0.04
Shiraz	0.7	0.04	1.3	0.04	1.7	0.04	2.1	0.03	1.6	0.03	1.8	0.03	2.3	0.04

  

regional centers	2011		2012		2013		2014		2015		2016	
	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer
Tehran	1.3	0.03	1.2	0.06	2.6	0.14	3.2	0.09	2.7	0.05	2.6	0.12
Mashhad	2.5	0.04	2	0.04	1.3	0	2.8	0.03	2.4	0.10	2.6	0.07
Tabriz	1.6	0.01	1.6	0.07	1.9	0.04	2.5	0.06	2.6	0.06	3.3	0.04
Kermanshah	1.4	0.05	1	0.05	0.8	0	1.9	0.05	2.3	0.02	2.3	0.05
Hamedan	22.5	0.28	26.9	1.41	28.6	1.40	18.7	1.12	16.9	2.49	21.5	0.28
Ahwaz	2.4	0.11	2.3	0.13	3.1	0.15	2.6	0.04	2.8	0.10	3.2	0.06
Kerman	1.2	0.04	1.3	0	1.1	0.02	1.4	0.07	1.6	0.08	1.7	0.05
Esfahan	2.7	0.06	2.2	0.12	2.7	0.17	3	0.09	3.5	0.06	3.7	0.11
Rasht	2.3	0.20	2.3	0	3	0.16	2.3	0.08	2.8	0.08	2.5	0.16
Sari	1.8	0.07	1.8	0.13	1.4	0.07	2.3	0.14	2.2	0.10	2.7	0.05
Qom	1.1	0	2.15	0.12	1.3	0.08	0.7	0.04	1.5	0.07	2.2	0.11
Shiraz	2.7	0.04	3.16	0.08	3.1	0.04	2.8	0.06	3.4	0.05	2.9	0.06

Appendix 2: The 13-year trends of Ureter cancer and Kidney Cancer incidence rate (per 100,000 population) by tumor grades in Iran, 2004-2016

tumor grades	2004		2005		2006		2007		2008		2009		2010	
	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer
<b>1</b>	0.09	0.01	0.12	0.01	0.16	0.01	0.21	0.01	0.21	0.001	0.16	0.02	0.19	0.01
<b>2</b>	0.21	0.02	0.22	0.00	0.23	0.01	0.29	0.004	0.28	0.01	0.33	0.01	0.34	0.01
<b>3</b>	0.10	0.01	0.08	0.01	0.12	0.02	0.14	0.01	0.15	0.001	0.22	0.03	0.21	0.02
<b>4</b>	0.01	0.00	0.01	0	0.03	0.00	0.04	0	0.03	0	0.03	0.00	0.04	0.00
<b>unknown</b>	0.60	0.01	0.59	0.02	1.01	0.01	1	0.006	0.96	0.02	1.18	0.01	1.09	0.01

  

tumor grades	2011		2012		2013		2014		2015		2016	
	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer	Kidney Cancer	Ureter cancer
<b>1</b>	0.21	0.02	0.21	0.02	0.18	0.02	0.22	0.02	0.23	0.01	0.30	0.01
<b>2</b>	0.38	0.01	0.30	0.01	0.41	0.02	0.46	0.01	0.42	0.01	0.60	0.02
<b>3</b>	0.26	0.02	0.20	0.02	0.25	0.03	0.24	0.02	0.25	0.02	0.38	0.03
<b>4</b>	0.05	0	0.06	0	0.05	0.00	0.06	0.00	0.08	0.01	0.06	0.00
<b>unknown</b>	1.62	0.02	1.57	0.04	1.60	0.03	1.71	0.03	1.72	0.03	1.86	0.02