

## **Larynx Cancers**

### **Index**

<b>Title</b>	<b>Page</b>
Incidence of larynx cancers in males (2007-2017)	2
Incidence of larynx cancers in females (2007-2017)	3
Mortality from larynx cancers in males (2007-2017)	4
Mortality from larynx cancers in females (2007-2017)	5

<b>Cancer of the larynx (ICD-O-3 C32)</b>											
<b>Maltese Islands: trends in incidence 2007-2017</b>											
Number of new cases, with age standardised incidence rates, by age and year of cancer registration											
<b>Males</b>											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Under 5	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	1	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	1	0	0	0
40-44	1	1	0	0	1	0	0	0	0	0	1
45-49	0	2	0	0	1	1	0	1	0	0	2
50-54	1	0	0	3	0	2	0	1	2	1	0
55-59	3	3	4	2	2	4	1	3	3	5	5
60-64	1	1	3	6	3	2	3	4	1	6	5
65-69	1	3	3	3	5	3	3	4	2	4	2
70-74	3	4	3	0	6	2	3	4	4	1	3
75-79	1	1	2	4	3	3	2	2	2	2	0
80-84	1	5	2	0	1	0	0	3	0	2	2
85+	1	1	0	0	1	0	1	0	0	1	2
All Ages	13	21	17	19	23	17	13	23	14	22	22
<i>Rates per 100,000</i>											
Under 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-34	0.00	0.00	0.00	6.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35-39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.34	0.00	0.00	0.00
40-44	7.46	7.72	0.00	0.00	7.82	0.00	0.00	0.00	0.00	0.00	5.97
45-49	0.00	13.28	0.00	0.00	7.22	7.52	0.00	7.83	0.00	0.00	13.84
50-54	6.75	0.00	0.00	19.77	0.00	13.20	0.00	6.77	96.95	6.91	0.00
55-59	19.81	20.28	27.82	14.08	13.74	26.99	6.64	19.71	117.69	31.99	31.90
60-64	7.90	7.14	20.65	40.64	19.82	13.42	20.59	27.88	35.07	41.22	33.53
65-69	12.60	38.56	36.21	31.99	45.73	24.09	21.79	27.87	55.15	27.23	13.76
70-74	43.99	56.42	40.78	0.00	80.40	27.87	41.84	50.99	134.00	9.69	25.51
75-79	21.95	21.16	41.01	78.45	55.19	52.08	33.16	31.73	61.84	30.91	0.00
80-84	34.22	167.45	66.47	0.00	31.66	0.00	0.00	83.41	0.00	91.98	44.68
85+	58.21	55.62	0.00	0.00	45.96	0.00	43.20	0.00	0.00	37.77	71.56
Crude rate	6.39	10.24	8.66	9.18	11.10	8.14	6.16	10.77	6.48	9.61	9.32
- lower 95% CI	3.55	6.51	5.21	5.69	7.20	4.90	3.42	6.99	3.69	6.17	5.42
- upper 95% CI	11.25	15.95	14.18	14.63	16.94	13.33	10.83	16.44	11.16	14.81	13.21
EASR *	5.77	8.93	6.86	7.55	8.99	6.58	4.65	8.16	5.01	7.76	7.46
- lower 95% CI	5.45	8.55	6.53	7.21	8.62	6.27	4.39	7.82	4.74	7.43	7.14
- upper 95% CI	6.08	9.32	7.19	7.89	9.36	6.9	4.91	8.50	5.27	8.09	7.77
WASR **	3.92	5.97	4.58	5.29	6.16	4.53	3.13	5.68	3.37	5.24	5.31
- lower 95% CI	3.70	5.70	4.36	5.05	5.91	4.31	2.95	5.44	3.19	5.02	5.08
- upper 95% CI	4.14	6.24	4.81	5.54	6.42	8.64	3.30	5.93	3.56	5.47	5.54
* EASR = Age-standardised rates using European Standard Population/ 100,000 population											
** WASR = Age-standardised rates using World Standard Population/ 100,000 population											
Source: Malta National Cancer Registry, Department of Health Information, Malta											
Data extracted August 2019											

<b>Cancer of the larynx (ICD-O-3 C32)</b>											
<b>Maltese Islands: trends in incidence 2007-2017</b>											
Number of new cases, with age standardised incidence rates, by age and year of cancer registration											
<b>Females</b>											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Under 5	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	1	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0
35-39	0	2	0	0	1	1	0	0	1	0	0
40-44	0	1	2	1	1	0	1	1	0	0	0
45-49	2	2	1	1	3	2	0	2	2	2	0
50-54	3	2	1	9	2	5	5	3	5	5	0
55-59	3	2	7	3	9	7	6	5	7	8	0
60-64	5	4	5	5	7	10	4	4	6	9	1
65-69	2	3	4	8	5	9	5	13	7	15	0
70-74	6	5	3	7	7	10	5	9	17	7	0
75-79	3	2	6	7	8	10	5	7	5	7	0
80-84	1	2	4	5	7	7	7	5	4	3	0
85+	0	3	2	3	2	5	4	2	0	4	0
All Ages	25	28	35	50	52	66	42	51	54	60	1
<b>Rates per 100,000</b>											
Under 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-29	0.00	0.00	0.00	6.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35-39	0.00	15.86	0.00	0.00	7.23	7.07	0.00	0.00	6.68	0.00	0.00
40-44	0.00	7.99	16.31	8.25	8.10	0.00	7.83	7.61	0.00	0.00	0.00
45-49	13.29	13.53	6.98	7.23	22.17	15.31	0.00	16.03	16.21	15.39	0.00
50-54	20.58	13.53	6.70	59.66	13.04	32.92	33.46	20.57	35.33	35.61	0.00
55-59	19.76	13.49	48.21	20.78	61.99	47.68	40.25	33.04	45.71	51.13	0.00
60-64	37.45	27.20	32.96	32.69	45.18	65.78	26.99	27.47	41.68	61.77	6.75
65-69	22.09	33.84	42.71	76.67	42.34	67.21	33.94	85.29	45.70	97.68	0.00
70-74	68.87	56.52	33.42	76.98	78.75	117.36	59.27	99.05	167.88	64.26	0.00
75-79	44.10	28.22	81.82	93.20	104.26	127.71	62.79	86.05	60.61	85.51	0.00
80-84	21.36	41.55	82.37	100.46	134.02	128.42	122.46	83.89	65.26	47.39	0.00
85+	0.00	85.59	53.68	74.89	46.97	112.82	86.45	41.55	0.00	74.55	0.00
Crude rate	12.15	13.53	16.86	23.92	24.82	31.32	19.79	23.91	25.03	26.51	0.43
- lower 95% CI	8.04	9.16	8.12	17.94	18.73	24.42	14.44	17.99	18.98	20.40	-0.417
- upper 95% CI	18.23	19.84	36.06	31.80	32.82	40.11	27.02	31.70	32.91	34.37	128
EASR *	9.47	10.62	12.35	17.60	17.47	21.20	13.14	15.81	17.63	18.49	0.34
- lower 95% CI	9.1	10.21	11.92	17.09	16.97	20.67	12.72	15.35	17.14	18.00	0.27
- upper 95% CI	9.85	11.02	12.77	18.10	17.96	21.73	13.55	16.26	18.12	18.98	0.40
WASR **	6.7	7.61	8.43	12.23	11.98	14.37	8.71	10.90	12.30	12.90	0.27
- lower 95% CI	6.43	7.31	8.12	11.86	11.63	14.00	8.42	10.57	11.94	12.55	0.22
- upper 95% CI	6.98	7.91	8.73	12.60	12.34	14.75	9.00	11.22	12.65	13.25	0.32
* EASR = Age-standardised rates using European Standard Population/ 100,000 population											
** WASR = Age-standardised rates using World Standard Population/ 100,000 population											
Source: Malta National Cancer Registry, Department of Health Information, Malta											
Data extracted August 2019											

<b>Cancer of the larynx (ICD-10 C32)</b>											
<b>Residents of the Maltese Islands: trends in mortality 2007-2017</b>											
Number of deaths attributed to laryngeal cancer, with age standardised mortality rates, by age and year of death											
<b>Males</b>	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Under 5	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0
50-54	1	0	0	0	0	0	0	0	0	1	0
55-59	0	1	0	1	1	1	1	0	0	1	1
60-64	0	0	0	2	3	2	0	0	2	0	0
65-69	0	2	1	0	0	1	1	1	0	0	0
70-74	3	0	1	0	0	1	3	2	1	2	1
75-79	3	0	0	0	1	1	1	1	2	1	1
80-84	2	0	1	1	3	0	0	1	0	0	1
85+	0	0	0	0	0	1	0	0	0	2	0
All Ages	9	3	3	4	8	7	6	5	5	7	4
<i>Rates per 100,000</i>											
Under 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35-39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40-44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45-49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50-54	6.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.91	0.00
55-59	0.00	6.76	0.00	7.04	6.87	6.75	6.64	0.00	0.00	6.40	6.38
60-64	0.00	0.00	0.00	13.55	19.82	13.42	0.00	0.00	14.0	0.00	0.00
65-69	0.00	25.71	12.07	0.00	0.00	8.03	7.26	6.97	0.00	0.00	0.00
70-74	43.99	0.00	13.59	0.00	0.00	13.94	41.8	25.4	11.1	19.3	8.50
75-79	65.86	0.00	0.00	0.00	18.40	17.36	16.5	15.8	30.9	15.4	15.86
80-84	68.45	0.00	33.23	32.78	95.30	0.00	0.00	27.7	0.00	0.00	22.34
85+	0.00	0.00	0.00	0.00	0.00	44.64	0.00	0.00	0.00	75.3	0.00
Crude rate	4.43	1.46	1.46	1.93	3.86	3.35	2.84	2.34	2.31	3.06	1.69
- lower 95% CI	2.16	0.38	0.38	0.62	1.80	1.47	1.15	0.86	0.85	1.34	0.54
- upper 95% CI	8.73	4.66	4.65	5.32	7.94	7.24	6.52	5.81	5.74	6.60	4.66
EASR *	3.79	1.43	1.22	1.43	2.72	2.61	2.28	1.64	1.65	2.51	1.18
- lower 95% CI	3.54	1.27	1.08	1.29	2.53	2.41	2.09	1.49	1.51	2.32	1.06
- upper 95% CI	4.04	1.6	1.36	1.57	2.91	2.80	2.46	1.78	1.80	2.70	1.30
WASR **	2.22	1.04	0.8	0.99	1.73	1.72	1.49	1.02	1.09	1.52	0.70
- lower 95% CI	2.07	0.92	0.71	0.89	1.61	1.59	1.37	0.92	0.99	1.40	0.62
- upper 95% CI	2.37	1.16	0.89	1.09	1.85	1.85	1.61	1.11	1.19	1.64	0.77
* EASR = Age-standardised rates using European Standard Population/ 100,000											
** WASR = Age-standardised rates using World Standard Population/ 100,000 population											
Source: National Mortality Registry, Department of Health Information, Malta											
Data extracted August 2019											

<b>Cancer of the larynx (ICD-10 C32)</b>											
<b>Residents of the Maltese Islands: trends in mortality 2007-2017</b>											
Number of deaths attributed to laryngeal cancer, with age standardised mortality rates, by age and year of death											
<b>Females</b>	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Under 5	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	1	0	0
65-69	0	1	1	0	0	0	0	0	1	0	0
70-74	0	0	1	1	0	1	0	0	0	1	0
75-79	0	0	0	0	0	0	0	0	0	1	0
80-84	0	1	0	0	0	1	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	2
All Ages	0	2	2	1	0	2	0	0	2	2	2
<i>Rates per 100,000</i>											
Under 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35-39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40-44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45-49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50-54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55-59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60-64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.95	0.00	0.00
65-69	0.00	11.28	10.68	0.00	0.00	0.00	0.00	0.00	6.53	0.00	0.00
70-74	0.00	0.00	11.14	11.00	0.00	11.74	0.00	0.00	0.00	8.74	0.00
75-79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.21	0.00
80-84	0.00	20.77	0.00	0.00	0.00	18.35	0.00	0.00	0.00	0.00	0.00
85+	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.14
					0.00						
Crude rate	0.00	0.97	0.96	0.48	0.00	0.95	0.00	0.00	0.93	0.88	0.86
- lower 95% CI	0.00	0.17	0.17	0.02	0.00	0.16	0.00	0.00	0.16	0.15	0.15
- upper 95% CI	0.00	3.9	3.38	3.11	0.00	3.83	0.00	0.00	3.74	3.56	3.48
EASR *	0.00	0.66	0.76	0.33	0.00	0.54	0.00	0.00	0.61	0.51	0.35
- lower 95% CI	0.00	0.56	0.65	0.026	0.00	0.46	0.00	0.00	0.52	0.44	0.30
- upper 95% CI	0.00	0.76	0.87	0.39	0.00	0.61	0.00	0.00	0.69	0.58	0.40
WASR **	0.00	0.44	0.54	0.22	0.00	0.33	0.00	0.00	47.00	0.30	0.18
- lower 95% CI	0.00	0.37	0.47	0.18	0.00	0.28	0.00	0.00	0.41	0.26	0.15
- upper 95% CI	0.00	0.51	0.62	0.26	0.00	0.38	0.00	0.00	0.54	0.34	0.20
* EASR = Age-standardised rates using European Standard Population/ 100,000 population											
** WASR = Age-standardised rates using World Standard Population/ 100,000 population											
Source: National Mortality Registry, Department of Health Information, Malta											
Data extracted August 2019											