

## Thyroid Cancers

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<b>Cancer of the thyroid (ICD-O-3 C73)</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	1	0
15-19	0	0	0	0	0	0	0	0	0	0	0
20-24	1	0	0	1	0	1	0	0	0	0	1
25-29	0	0	0	0	1	1	0	0	1	0	1
30-34	0	1	2	2	2	2	1	1	2	0	0
35-39	0	0	0	1	0	0	0	3	2	0	0
40-44	0	1	0	2	2	2	0	1	5	1	0
45-49	1	0	0	2	2	2	3	2	1	3	1
50-54	1	1	2	1	0	3	0	3	2	2	2
55-59	0	2	1	0	4	2	3	4	1	4	2
60-64	1	1	0	2	1	0	3	2	2	2	3
65-69	0	0	0	2	1	4	1	0	1	1	5
70-74	1	0	0	0	0	0	1	1	1	3	1
75-79	0	0	0	0	2	1	1	1	2	0	1
80-84	1	0	0	0	0	0	0	0	2	0	0
85+	2	0	0	0	0	0	0	0	0	0	0
All Ages	8	6	5	13	15	18	13	18	22	17	17
<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	9.47	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	6.58	0.00	0.00	6.23	0.00	6.53	0.00	0.00	0.00	0.00	6.16
25-29	0.00	0.00	0.00	0.00	6.38	6.34	0.00	0.00	42.09	0.00	5.00
30-34	0.00	6.42	12.65	12.51	12.76	12.67	6.24	6.15	84.61	0.00	0.00
35-39	0.00	0.00	0.00	7.16	0.00	0.00	0.00	19.03	87.53	0.00	0.00
40-44	0.00	7.72	0.00	16.21	15.64	15.33	0.00	7.26	243.17	6.31	0.00
45-49	6.57	0.00	0.00	13.98	14.45	15.04	23.18	15.66	54.83	21.80	6.92
50-54	6.75	6.64	13.20	6.59	0.00	19.79	0.00	20.31	96.95	13.82	14.05
55-59	0.00	13.52	6.95	0.00	27.49	13.50	19.92	26.28	39.23	25.59	12.76
60-64	7.90	7.14	0.00	13.55	6.61	0.00	20.59	13.94	70.14	13.74	20.12
65-69	0.00	0.00	0.00	21.32	9.15	32.12	7.26	0.00	27.57	6.81	34.40
70-74	14.66	0.00	0.00	0.00	0.00	0.00	13.95	12.75	33.50	29.06	8.50
75-79	0.00	0.00	0.00	0.00	36.79	17.36	16.58	15.86	61.84	0.00	15.86
80-84	34.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.56	0.00	0.00
85+	116.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crude rate	3.93	2.93	2.55	6.28	7.24	8.62	6.16	8.43	10.18	7.42	7.20
- lower 95% CI	1.83	1.19	0.94	3.49	4.20	5.27	3.42	5.15	6.54	4.47	3.78
- upper 95% CI	8.09	6.72	6.32	11.05	12.24	13.92	16.83	13.61	15.69	12.16	10.62
EASR *	3.73	2.62	2.23	5.92	6.53	7.74	5.32	7.76	8.94	6.96	7.13
- lower 95% CI	3.47	2.41	2.03	5.59	6.19	7.38	5.03	7.40	8.56	6.62	6.78
- upper 95% CI	4.00	2.83	2.42	6.24	6.86	8.1	5.82	8.12	9.32	7.31	7.47
WASR **	2.62	2.01	1.70	5.00	5.09	6.28	4.05	5.92	7.03	5.59	5.98
- lower 95% CI	2.43	1.84	1.55	4.72	4.82	5.98	3.82	5.64	6.72	5.29	5.69
- upper 95% CI	2.81	2.17	1.85	5.28	5.36	6.58	4.28	6.21	7.34	5.88	6.27
* 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 thyroid (ICD-O-3 C73)</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
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	1	0	1	0	0	0	1
20-24	0	1	2	0	1	1	0	0	0	1	1
25-29	1	2	2	0	2	1	3	1	2	3	0
30-34	0	2	1	3	5	2	4	4	6	5	3
35-39	3	2	3	5	1	2	3	5	2	1	8
40-44	3	1	3	4	6	4	4	3	2	5	6
45-49	2	4	0	5	9	11	5	4	6	7	4
50-54	2	3	3	3	6	2	4	4	3	3	11
55-59	1	2	4	2	7	5	1	6	2	7	7
60-64	1	1	2	3	5	2	5	5	6	4	8
65-69	2	1	1	0	1	4	1	3	5	4	1
70-74	0	1	0	1	1	3	1	5	2	1	3
75-79	3	2	0	0	1	4	2	2	1	1	3
80-84	1	2	0	0	3	1	1	2	1	1	2
85+	1	0	2	1	0	1	2	1	0	1	0
All Ages	20	24	23	27	49	43	37	45	38	44	58
<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	7.79	0.00	8.26	0.00	0.00	0.00	8.91
20-24	0.00	7.07	14.00	0.00	6.99	6.89	0.00	0.00	0.00	6.86	6.84
25-29	6.82	13.38	13.31	0.00	13.64	6.87	20.52	6.95	13.08	17.29	0.00
30-34	0.00	13.90	6.84	20.24	34.23	13.54	26.61	26.38	39.16	29.65	17.05
35-39	24.30	15.86	23.19	37.33	7.23	14.14	20.82	34.06	13.37	6.21	47.51
40-44	23.36	7.99	24.46	33.02	48.59	31.90	31.31	22.83	14.67	33.73	38.66
45-49	13.29	27.05	0.00	36.15	66.50	84.19	39.29	32.07	48.62	53.87	29.72
50-54	13.72	20.30	20.09	19.89	39.12	13.17	26.77	27.43	21.20	21.37	80.02
55-59	6.59	13.49	27.55	13.85	48.21	34.06	6.71	39.64	13.06	44.74	44.87
60-64	7.49	6.80	13.18	19.61	32.27	13.16	33.73	34.34	41.68	27.45	53.97
65-69	22.09	11.28	10.68	0.00	8.47	29.87	6.79	19.68	32.64	26.05	6.63
70-74	0.00	11.30	0.00	11.00	11.25	35.21	11.85	55.03	19.75	9.18	23.11
75-79	44.10	28.22	0.00	0.00	13.03	51.09	25.12	24.59	12.12	12.22	37.91
80-84	21.36	41.55	0.00	0.00	57.44	18.35	17.49	33.56	16.32	15.80	30.63
85+	30.15	0.00	53.68	24.96	0.00	22.56	43.22	20.77	0.00	18.64	0.00
Crude rate	9.72	11.59	11.53	12.92	23.39	20.41	17.43	21.10	17.61	19.44	25.01
- lower 95% CI	6.10	7.60	7.48	8.68	17.49	14.95	12.45	15.57	12.64	14.29	18.58
- upper 95% CI	15.31	17.54	17.60	19.08	31.19	27.76	24.30	28.50	24.44	26.35	31.45
EASR *	8.75	10.31	10.41	12.66	21.70	18.33	15.98	18.05	15.68	17.79	25.68
- lower 95% CI	8.36	9.89	9.97	12.11	21.08	17.76	15.44	17.50	15.16	17.25	25.01
- upper 95% CI	9.15	10.73	10.84	13.14	22.33	18.9	16.51	18.60	16.19	18.33	26.34
WASR **	6.81	8.41	8.68	10.28	17.82	14.59	13.42	14.02	12.82	14.56	18.47
- lower 95% CI	6.49	8.05	8.30	9.88	17.29	14.12	12.95	13.58	12.39	14.10	17.97
- upper 95% CI	7.13	8.77	9.05	10.68	18.34	15.06	13.88	14.45	13.25	15.01	18.98
* 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 thyroid (ICD-10 C73)</b>											
<b>Residents of the Maltese Islands: trends in mortality 2007-2017</b>											
Number of deaths attributed to thyroid 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	1	0
50-54	0	0	0	0	0	0	0	0	0	1	0
55-59	0	0	0	0	0	1	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0
65-69	1	0	0	0	0	0	2	0	0	0	1
70-74	1	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	1	0	0	0	0	1	0
80-84	1	0	0	0	0	0	0	0	1	0	0
85+	1	0	0	1	0	0	0	0	0	0	0
All Ages	4	0	0	1	1	1	2	0	1	3	1
<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	7.27	0.00
50-54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.91	0.00
55-59	0.00	0.00	0.00	0.00	0.00	6.75	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	0.00	0.00	0.00
65-69	12.60	0.00	0.00	0.00	0.00	0.00	14.53	0.00	0.00	0.00	6.88
70-74	14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75-79	0.00	0.00	0.00	0.00	18.40	0.00	0.00	0.00	0.00	15.45	0.00
80-84	34.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.27	0.00	0.00
85+	58.21	0.00	0.00	50.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crude rate	1.97	0.00	0.00	0.48	0.48	0.48	0.95	0.00	0.46	1.31	0.42
- lower 95% CI	0.63	0.00	0.00	0.03	0.03	0.02	0.16	0.00	0.02	0.34	0.02
- upper 95% CI	5.41	0.00	0.00	3.14	3.14	3.11	3.82	0.00	3.00	4.17	2.75
EASR *	1.87	0.00	0.00	0.50	0.37	0.40	0.58	0.00	0.26	1.30	0.28
- lower 95% CI	1.68	0.00	0.00	0.40	0.30	0.33	0.50	0.00	0.21	1.15	0.22
- upper 95% CI	2.05	0.00	0.00	0.59	0.44	0.48	0.66	0.00	0.31	1.45	0.33
WASR **	1.13	0.00	0.00	0.25	0.18	0.27	0.44	0.00	0.13	0.94	0.21
- lower 95% CI	1.02	0.00	0.00	0.21	0.15	0.22	0.38	0.00	0.11	0.82	0.17
- upper 95% CI	1.25	0.00	0.00	0.29	0.22	0.32	0.50	0.00	0.16	1.05	0.25
* 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											

<b>Cancer of the thyroid (ICD-10 C73)</b>											
<b>Residents of the Maltese Islands: trends in mortality 2007-2017</b>											
Number of deaths attributed to thyroid 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	1	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	1	0	0	1	0	0	0
55-59	0	0	0	0	0	1	0	0	0	0	0
60-64	0	0	0	0	0	0	0	1	0	0	0
65-69	0	0	0	0	0	0	1	0	1	1	0
70-74	0	0	0	1	0	0	0	0	0	0	0
75-79	0	1	0	1	0	0	2	0	0	1	0
80-84	1	2	0	2	0	1	2	1	1	0	0
85+	2	0	1	0	1	1	2	2	0	0	0
All Ages	3	3	1	4	2	3	7	5	3	2	0
<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	7.33	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	6.52	0.00	0.00	6.86	0.00	0.00	0.00
55-59	0.00	0.00	0.00	0.00	0.00	6.81	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	6.87	0.00	0.00	0.00
65-69	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	6.53	6.51	0.00
70-74	0.00	0.00	0.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75-79	0.00	14.11	0.00	13.31	0.00	0.00	0.25	0.00	0.00	12.21	0.00
80-84	21.36	41.55	0.00	40.18	0.00	18.35	0.35	16.77	16.31	0.00	0.00
85+	60.30	0.00	26.84	0.00	23.67	22.56	0.43	41.49	0.00	0.00	0.00
Crude rate	1.46	1.45	0.48	1.91	0.96	1.42	3.30	2.34	1.39	0.88	0.00
- lower 95% CI	0.38	0.37	0.03	0.61	0.17	0.37	1.45	0.86	0.36	0.15	0.00
- upper 95% CI	4.65	4.62	3.13	5.26	3.86	4.54	7.12	5.80	4.43	3.56	0.00
EASR *	0.82	0.7	0.27	0.99	0.69	0.82	1.56	1.41	0.94	0.50	0.00
- lower 95% CI	0.72	0.62	0.22	0.89	0.59	0.72	1.44	1.27	0.82	0.43	0.00
- upper 95% CI	0.91	0.78	0.32	1.09	0.79	0.92	1.67	1.54	1.05	0.57	0.00
WASR **	0.41	0.35	0.13	0.55	0.44	0.48	0.85	0.91	0.72	0.32	0.00
- lower 95% CI	0.36	0.31	0.11	0.49	0.38	0.42	0.78	0.82	0.62	0.27	0.00
- upper 95% CI	0.46	0.39	0.16	0.61	0.51	0.54	0.91	1.00	0.81	0.36	0.00
* 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											