

Multiple Myeloma Cancers

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Multiple myeloma (ICD-O-2 M9732)											
Maltese Islands: trends in incidence 2004-2014											
Number of new cases, with age standardised incidence rates, by age and year of cancer registration											
Males	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	1	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	1	0	2	0	0	0
45-49	0	1	0	0	0	0	1	0	1	0	2
50-54	0	1	0	0	0	1	2	0	0	1	2
55-59	0	0	1	0	0	1	0	1	2	2	1
60-64	1	2	2	3	0	2	2	1	2	1	0
65-69	0	0	1	0	1	2	2	3	4	0	4
70-74	3	1	1	1	1	1	0	1	1	2	2
75-79	1	2	0	0	2	0	3	3	1	1	4
80-84	2	1	0	2	0	1	2	1	1	2	1
85+	0	0	0	2	0	1	2	0	1	1	2
All Ages	7	8	5	8	4	10	15	12	13	10	18
<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	6.97	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	6.15	0.00	0.00	0.00	0.00
30-34	0.00	0.00	0.00	0.00	0.00	6.32	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	7.98	0.00	15.6	0.00	0.00	0.00
45-49	0.00	6.56	0.00	0.00	0.00	20.34	6.99	0.00	7.52	0.00	15.6
50-54	0.00	6.93	0.00	0.00	0.00	6.60	13.18	0.00	0.00	6.68	13.5
55-59	0.00	0.00	6.52	0.00	0.00	6.95	0.00	6.87	13.5	13.2	6.57
60-64	11.43	20.30	17.85	23.70	0.00	34.42	13.55	6.61	13.4	6.86	0.00
65-69	0.00	0.00	12.16	0.00	12.85	12.07	21.32	27.4	32.1	0.00	27.8
70-74	50.98	16.48	15.32	14.66	14.10	13.59	0.00	13.4	13.9	27.8	25.4
75-79	23.43	46.81	0.00	0.00	42.32	20.50	58.84	55.1	17.3	16.5	63.4
80-84	75.56	36.93	0.00	68.45	0.00	0.00	65.55	31.6	30.9	58.9	27.8
85+	0.00	0.00	0.00	116.41	0.00	53.56	100.2	0.00	44.6	43.2	82.4
Crude rate	3.52	4.00	2.48	3.93	1.95	5.09	7.25	5.79	6.23	4.74	8.43
- lower 95% CI	1.55	1.86	0.91	1.83	0.63	2.59	4.21	3.14	3.46	2.41	5.15
- upper 95% CI	7.66	8.22	6.15	8.09	5.37	9.70	12.26	10.4	10.9	9.02	13.6
EASR *	3.32	3.76	2.23	3.47	1.78	4.37	6.21	4.76	4.81	3.80	6.69
- lower 95% CI	3.08	3.50	2.03	3.23	1.61	4.09	5.89	4.48	4.55	3.56	6.37
- upper 95% CI	3.57	4.02	2.43	3.72	1.96	4.64	6.53	5.03	5.08	4.03	7.01
WASR **	2.09	2.53	1.65	2.17	1.09	3.07	4.17	3.28	3.32	2.37	4.41
- lower 95% CI	1.93	2.35	1.50	2.01	0.98	2.87	3.95	3.08	3.14	2.22	4.19
- upper 95% CI	2.25	2.72	1.79	2.32	1.20	3.26	4.39	3.48	3.51	2.53	4.63
* EASR = Age-standardised rates using European Standard Population/ 100,000											
** WASR = Age-standardised rates using World Standard Population/ 100,000											
Source: Malta National Cancer Registry, Department of Health Information, Malta											
Data extracted: July 2016											

Multiple myeloma (ICD-O-2 M9732)											
Maltese Islands: trends in incidence 2004-2014											
Number of new cases, with age standardised incidence rates, by age and year of cancer registration											
Females	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	1	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	1	1	0	0	0	0	0	0	0	0	0
45-49	0	0	1	0	0	0	1	1	0	0	1
50-54	0	0	0	0	0	0	0	1	0	2	0
55-59	0	0	1	0	1	0	1	2	0	1	0
60-64	1	1	0	1	0	2	0	1	1	1	1
65-69	0	1	2	0	2	0	2	3	1	1	2
70-74	0	2	2	0	0	1	1	1	2	0	1
75-79	1	1	4	2	0	1	2	0	1	1	2
80-84	1	0	0	1	0	0	1	2	0	4	2
85+	0	0	1	0	1	1	0	2	1	1	2
All Ages	4	6	11	4	4	5	8	13	7	11	11
Rates per 100,000											
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	6.89	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	6.97	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45-49	0.00	0.00	6.59	0.00	0.00	0.00	7.23	7.39	0.00	0.00	8.02
50-54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52	0.00	13.3	0.00
55-59	0.00	0.00	6.46	0.00	6.75	0.00	6.93	13.7	0.00	6.71	0.00
60-64	10.4	9.40	0.00	7.49	0.00	13.18	0.00	6.45	6.58	6.75	6.87
65-69	0.00	10.60	21.27	0.00	22.56	0.00	19.1	25.4	7.47	6.79	13.1
70-74	0.00	24.35	23.37	0.00	0.00	11.14	11.0	11.2	23.4	0.00	11.0
75-79	16.3	16.17	60.82	29.40	0.00	13.64	26.6	0.00	12.7	12.5	24.5
80-84	23.8	0.00	0.00	21.36	0.00	0.00	20.0	38.2	0.00	69.9	33.5
85+	0.00	0.00	32.23	0.00	28.53	26.84	0.00	46.9	22.5	21.6	41.5
Crude rate	1.98	2.95	5.37	1.94	1.93	2.41	3.83	6.21	3.32	5.18	5.16
- lower 95% CI	0.63	1.20	2.83	0.62	0.62	1.54	1.78	3.45	1.46	2.73	2.71
- upper 95% CI	5.43	6.77	9.94	5.35	5.31	6.11	7.87	10.9	7.18	9.58	9.54
EASR *	1.58	2.45	3.94	1.18	1.59	1.53	2.75	4.33	2.30	3.12	3.00
- lower 95% CI	1.41	2.25	3.70	1.06	1.43	1.40	2.54	4.08	2.12	2.92	2.81
- upper 95% CI	1.74	2.65	4.18	1.29	1.75	1.67	2.95	4.57	2.47	3.31	3.19
WASR **	1.12	1.77	2.53	0.70	1.09	1.02	1.87	2.99	1.75	1.99	1.99
- lower 95% CI	1.00	1.63	2.37	0.63	0.98	0.93	1.73	2.82	1.60	1.86	1.85
- upper 95% CI	1.24	1.92	2.69	0.77	1.20	1.11	2.01	3.17	1.90	2.13	2.13
* EASR = Age-standardised rates using European Standard Population/ 100,000											
** WASR = Age-standardised rates using World Standard Population/ 100,000 population											
Source: Malta National Cancer Registry, Department of Health Information, Malta											
Data extracted: July 2016											

Multiple myeloma (ICD-O-2 M9732; ICD-10 C90.0)											
Residents of the Maltese Islands: trends in mortality 2004-2014											
Number of deaths attributed to multiple myeloma, with age standardised mortality rates, by age and year of death											
Males											
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	0	0
55-59	1	0	0	0	1	0	0	0	0	2	0
60-64	1	1	2	3	2	1	1	2	0	0	0
65-69	1	1	1	0	0	1	1	1	0	0	0
70-74	1	2	2	0	1	0	0	3	1	2	0
75-79	0	2	1	0	1	2	1	2	0	0	0
80-84	3	0	1	1	0	2	0	2	1	2	1
85+	0	0	0	2	0	1	1	0	1	0	1
All Ages	8	6	7	6	5	7	4	10	3	6	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	6.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55-59	6.71	0.00	0.00	0.00	6.76	0.00	0.00	0.00	0.00	13.28	0.00
60-64	11.43	10.15	19.19	23.70	14.29	6.88	6.77	13.22	0.00	0.00	0.00
65-69	12.55	12.36	12.42	0.00	0.00	12.07	10.66	9.15	0.00	0.00	0.00
70-74	16.99	32.97	32.52	0.00	14.10	0.00	0.00	40.24	13.94	27.89	0.00
75-79	0.00	46.81	23.25	0.00	21.16	41.01	19.61	36.79	0.00	0.00	0.00
80-84	113.34	0.00	37.04	34.22	0.00	66.47	0.00	63.53	30.92	58.88	27.79
85+	0.00	0.00	0.00	116.41	0.00	53.56	50.13	0.00	44.64	0.00	41.14
Crude rate	4.02	3.00	3.49	2.95	2.44	3.4	1.93	4.83	1.44	2.84	0.94
- lower 95% CI	1.87	1.22	1.53	1.20	0.9	1.49	0.62	2.45	0.37	1.15	0.16
- upper 95% CI	8.27	6.88	7.54	6.77	6.05	7.35	5.32	9.2	4.58	6.52	3.78
EASR *	3.60	2.93	3.27	2.69	1.97	2.85	1.66	3.60	1.17	2.22	0.69
- lower 95% CI	3.35	2.69	3.02	2.47	1.79	2.63	1.49	3.38	1.04	2.04	0.59
- upper 95% CI	3.85	3.16	3.51	2.91	2.14	3.06	1.82	3.83	1.31	2.40	0.79
WASR **	2.35	1.90	2.21	1.70	1.34	1.65	1.04	2.29	0.66	1.38	0.34
- lower 95% CI	2.18	1.75	2.04	1.56	1.22	1.52	0.93	2.15	0.58	1.27	0.30
- upper 95% CI	2.52	2.06	2.38	1.84	1.45	1.77	1.14	2.44	0.73	1.50	0.39
* 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: July 2016											

Multiple myeloma (ICD-O-2 M9732; ICD-10 C90.0)											
Residents of the Maltese Islands: trends in mortality 2004-2014											
Number of deaths attributed to multiple myeloma, with age standardised mortality rates, by age and year of death											
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Females											
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	1	0	0	0	0	0	0	0	0	0
45-49	0	0	1	1	0	0	0	1	0	0	0
50-54	0	0	0	0	0	0	0	0	0	1	0
55-59	0	0	0	2	0	0	0	0	0	0	0
60-64	1	1	0	0	0	0	0	0	2	2	0
65-69	1	1	1	0	1	0	1	1	1	1	1
70-74	2	1	0	2	0	1	1	2	0	0	0
75-79	1	0	1	3	1	0	0	2	0	0	3
80-84	1	0	0	1	0	1	1	0	3	1	1
85+	0	0	1	1	1	0	1	1	0	1	4
All Ages	6	4	4	10	3	2	4	7	6	6	9
<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	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45-49	0.00	0.00	6.58	6.64	0.00	0.00	0.00	7.39	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	6.69	0.00
55-59	0.00	0.00	0.00	13.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60-64	10.44	9.40	0.00	0.00	0.00	0.00	0.00	0.00	13.16	13.49	0.00
65-69	10.66	10.60	10.67	0.00	11.28	0.00	9.58	8.47	7.47	6.79	6.56
70-74	24.72	12.18	0.00	22.96	0.00	11.14	11.00	22.52	0.00	0.00	0.00
75-79	16.39	0.00	15.92	44.10	14.11	0.00	0.00	26.07	0.00	0.00	36.87
80-84	23.82	0.00	0.00	21.36	0.00	20.59	20.09	0.00	55.04	17.49	16.77
85+	0.00	0.00	31.86	30.15	28.53	0.00	24.96	23.67	0.00	21.58	82.99
Crude rate	2.96	1.97	1.96	4.86	1.45	0.96	1.91	3.35	2.85	2.83	4.21
- lower 95% CI	1.20	0.63	0.63	2.47	0.37	0.17	0.61	1.47	1.16	1.15	2.05
- upper 95% CI	6.80	5.41	5.40	9.26	4.62	3.88	5.26	7.23	6.54	6.49	8.31
EASR *	2.26	1.76	1.52	3.34	1.02	0.54	1.16	2.29	1.51	1.81	2.00
- lower 95% CI	2.07	1.59	1.37	3.13	0.9	0.46	1.05	2.11	1.38	1.65	1.87
- upper 95% CI	2.44	1.94	1.68	3.55	1.14	0.62	1.28	2.47	1.63	1.96	2.13
WASR **	1.51	1.37	1.03	2.08	0.62	0.33	0.73	1.53	1.03	1.27	1.06
- lower 95% CI	1.38	1.23	0.92	1.94	0.55	0.28	0.66	1.40	0.93	1.16	0.99
- upper 95% CI	1.64	1.51	1.14	2.22	0.7	0.37	0.81	1.65	1.12	1.38	1.14
* 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: July 2016											

