

Multiple Myeloma Cancers

Index

Title	Page
Incidence of multiple myeloma cancers in males (2007-2017)	2
Incidence of multiple myeloma cancers in females (2007-2017)	3
Mortality from multiple myeloma cancers in males (2007-2017)	4
Mortality from multiple myeloma cancers in females (2007-2017)	5

Multiple myeloma (ICD-O-3 M9732)											
Maltese Islands: trends in incidence 2007-2017											
Number of new cases, with age standardised incidence rates, by age and year of cancer registration											
Males											
	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	0	0	0	0	0	0	0	0	0	0
40-44	0	0	1	0	2	0	0	0	0	0	0
45-49	0	0	0	1	0	1	0	2	0	1	0
50-54	0	0	1	2	0	0	1	2	1	2	0
55-59	0	0	1	0	1	2	2	1	0	2	0
60-64	3	0	2	2	1	2	1	0	1	1	1
65-69	0	1	2	2	3	4	0	4	3	2	3
70-74	1	1	1	0	1	1	2	2	4	3	4
75-79	0	2	0	3	3	1	1	4	1	3	3
80-84	2	0	1	2	1	1	2	1	2	1	4
85+	2	0	1	2	0	1	1	2	1	1	4
All Ages	8	4	10	15	12	13	10	18	13	16	19
<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	6.97	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	6.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30-34	0.00	0.00	6.32	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	7.98	0.00	15.64	0.00	0.00	0.00	0.00	0.00	0.00
45-49	0.00	0.00	20.34	6.99	0.00	7.52	0.00	15.66	0.00	7.27	0.00
50-54	0.00	0.00	6.60	13.18	0.00	0.00	6.68	13.54	48.47	13.82	0.00
55-59	0.00	0.00	6.95	0.00	6.87	13.50	13.28	6.57	0.00	12.80	0.00
60-64	23.70	0.00	34.42	13.55	6.61	13.42	6.86	0.00	35.07	6.87	6.71
65-69	0.00	12.85	12.07	21.32	27.44	32.12	0.00	27.87	82.72	13.62	20.64
70-74	14.66	14.10	13.59	0.00	13.40	13.94	27.89	25.49	134.00	29.06	34.01
75-79	0.00	42.32	20.50	58.84	55.19	17.36	16.58	63.45	30.92	46.36	47.58
80-84	68.45	0.00	0.00	65.55	31.66	30.92	58.92	27.80	52.56	45.99	89.37
85+	116.41	0.00	53.56	100.25	0.00	44.64	43.20	82.47	39.65	37.77	143.11
Crude rate	3.93	1.95	5.09	7.25	5.79	6.23	4.74	8.43	6.01	6.99	8.05
- lower 95% CI	1.83	0.63	2.59	4.21	3.14	3.46	2.41	5.15	3.34	4.13	4.43
- upper 95% CI	8.09	5.37	9.70	12.26	10.43	10.95	9.02	13.61	10.58	11.62	11.66
EASR *	3.47	1.78	4.37	6.21	4.76	4.81	3.80	6.69	4.23	5.77	5.45
- lower 95% CI	3.23	1.61	4.09	5.89	4.48	4.55	3.56	6.37	4.00	5.48	5.21
- upper 95% CI	3.72	1.96	4.64	6.53	5.03	5.08	4.03	7.01	4.47	6.06	5.71
WASR **	2.17	1.09	3.07	4.17	3.28	3.32	2.37	4.41	2.76	3.79	3.21
- lower 95% CI	2.01	0.98	2.87	3.95	3.08	3.14	2.22	4.19	2.60	3.59	3.06
- upper 95% CI	2.32	1.20	3.26	4.39	3.48	3.51	2.53	4.63	2.91	3.98	3.35
* 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											

Multiple myeloma (ICD-O-3 M9732)											
Maltese Islands: trends in incidence 2007-2017											
Number of new cases, with age standardised incidence rates, by age and year of cancer registration											
Females											
	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	1	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	1
45-49	0	0	0	1	1	0	0	1	0	0	1
50-54	0	0	0	0	1	0	2	0	0	0	1
55-59	0	1	0	1	2	0	1	0	0	1	1
60-64	1	0	2	0	1	1	1	1	3	1	0
65-69	0	2	0	2	3	1	1	2	2	2	3
70-74	0	0	1	1	1	2	0	1	1	3	1
75-79	2	0	1	2	0	1	1	2	0	2	0
80-84	1	0	0	1	2	0	4	2	1	3	2
85+	0	1	1	0	2	1	1	2	1	1	0
All Ages	4	4	5	8	13	7	11	11	8	13	10
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	6.89	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	6.44
45-49	0.00	0.00	0.00	7.23	7.39	0.00	0.00	8.02	0.00	0.00	7.43
50-54	0.00	0.00	0.00	0.00	6.52	0.00	13.39	0.00	0.00	0.00	7.27
55-59	0.00	6.75	0.00	6.93	13.78	0.00	6.71	0.00	0.00	6.39	6.41
60-64	7.49	0.00	13.18	0.00	6.45	6.58	6.75	6.87	20.84	6.86	0.00
65-69	0.00	22.56	0.00	19.17	25.40	7.47	6.79	13.12	13.06	13.02	19.89
70-74	0.00	0.00	11.14	11.00	11.25	23.47	0.00	11.01	9.88	27.54	7.70
75-79	29.40	0.00	13.64	26.63	0.00	12.77	12.56	24.59	0.00	24.43	0.00
80-84	21.36	0.00	0.00	20.09	38.29	0.00	69.98	33.56	16.32	47.39	30.63
85+	0.00	28.53	26.84	0.00	46.97	22.56	21.61	41.55	19.85	18.64	0.00
Crude rate											
- lower 95% CI	1.94	1.93	2.41	3.83	6.21	3.32	5.18	5.16	3.71	5.74	4.31
- upper 95% CI	0.62	0.62	1.54	1.78	3.45	1.46	2.73	2.71	1.72	3.19	1.64
- upper 95% CI	5.35	5.31	6.11	7.87	10.92	7.18	9.58	9.54	7.62	10.11	6.98
EASR *											
- lower 95% CI	1.18	1.59	1.53	2.75	4.33	2.30	3.12	3.00	2.22	3.22	3.20
- upper 95% CI	1.06	1.43	1.40	2.54	4.08	2.12	2.92	2.81	2.06	3.04	2.98
- upper 95% CI	1.29	1.75	1.67	2.95	4.57	2.47	3.31	3.19	2.38	3.40	3.41
WASR **											
- lower 95% CI	0.70	1.09	1.02	1.87	2.99	1.75	1.99	1.99	1.60	2.05	2.36
- upper 95% CI	0.63	0.98	0.93	1.73	2.82	1.60	1.86	1.85	1.49	1.93	2.19
- upper 95% CI	0.77	1.20	1.11	2.01	3.17	1.90	2.13	2.13	1.72	2.17	2.52
* 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											

Multiple myeloma (ICD-O-3 M9732; ICD-10 C90.0)											
Residents of the Maltese Islands: trends in mortality 2007-2017											
Number of deaths attributed to multiple myeloma, with age standardised mortality rates, by age and year of death											
Males											
	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	1	0	0
55-59	0	1	0	0	0	0	2	0	0	0	0
60-64	3	2	1	1	2	0	0	0	0	0	1
65-69	0	0	1	1	1	0	0	0	2	2	1
70-74	0	1	0	0	3	1	2	0	1	1	0
75-79	0	1	2	1	2	0	0	0	0	0	0
80-84	1	0	2	0	2	1	2	1	1	1	2
85+	2	0	1	1	0	1	0	1	2	0	1
All Ages	6	5	7	4	10	3	6	2	7	4	5
<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	6.92	0.00	0.00
55-59	0.00	6.76	0.00	0.00	0.00	0.00	13.2	0.00	0.00	0.00	0.00
60-64	23.70	14.29	6.88	6.77	13.22	0.00	0.00	0.00	0.00	0.00	6.71
65-69	0.00	0.00	12.07	10.66	9.15	0.00	0.00	0.00	13.7	13.6	6.88
70-74	0.00	14.10	0.00	0.00	40.24	13.94	27.8	0.00	11.1	9.69	0.00
75-79	0.00	21.16	41.01	19.61	36.79	0.00	0.00	0.00	0.00	0.00	0.00
80-84	34.22	0.00	66.47	0.00	63.53	30.92	58.8	27.7	26.2	24.1	44.68
85+	116.41	0.00	53.56	50.13	0.00	44.64	0.00	41.1	79.0	0.00	35.78
Crude rate	2.95	2.44	3.4	1.93	4.83	1.44	2.84	0.94	3.24	1.75	2.12
- lower 95% CI	1.20	0.9	1.49	0.62	2.45	0.37	1.15	0.16	1.42	0.56	0.78
- upper 95% CI	6.77	6.05	7.35	5.32	9.2	4.58	6.52	3.78	6.99	4.80	5.52
EASR *	2.69	1.97	2.85	1.66	3.60	1.17	2.22	0.69	2.42	1.08	1.42
- lower 95% CI	2.47	1.79	2.63	1.49	3.38	1.04	2.04	0.59	2.24	0.97	1.29
- upper 95% CI	2.91	2.14	3.06	1.82	3.83	1.31	2.40	0.79	2.61	1.18	1.54
WASR **	1.70	1.34	1.65	1.04	2.29	0.66	1.38	0.34	1.51	0.72	0.88
- lower 95% CI	1.56	1.22	1.52	0.93	2.15	0.58	1.27	0.30	1.39	0.65	0.80
- upper 95% CI	1.84	1.45	1.77	1.14	2.44	0.73	1.50	0.39	1.63	0.80	0.96
* 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											

Multiple myeloma (ICD-O-3 M9732; ICD-10 C90.0)											
Residents of the Maltese Islands: trends in mortality 2007-2017											
Number of deaths attributed to multiple myeloma, with age standardised mortality rates, by age and year of death											
Females	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	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	1	0	0	0	1	0	0	0	0	0	0
50-54	0	0	0	0	0	0	1	0	0	0	0
55-59	2	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	2	2	0	1	0	0
65-69	0	1	0	1	1	1	1	1	2	0	0
70-74	2	0	1	1	2	0	0	0	0	3	0
75-79	3	1	0	0	2	0	0	3	0	1	2
80-84	1	0	1	1	0	3	1	1	1	3	3
85+	1	1	0	1	1	0	1	4	1	3	2
All Ages	10	3	2	4	7	6	6	9	5	10	7
<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	6.64	0.00	0.00	0.00	7.39	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	6.69	0.00	0.00	0.00	0.00
55-59	13.17	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	13.16	13.4	0.00	6.95	0.00	0.00
65-69	0.00	11.28	0.00	9.58	8.47	7.47	6.79	6.56	13.0	0.00	0.00
70-74	22.96	0.00	11.14	11.00	22.52	0.00	0.00	0.00	0.00	26.2	0.00
75-79	44.10	14.11	0.00	0.00	26.07	0.00	0.00	36.8	0.00	12.2	25.27
80-84	21.36	0.00	20.59	20.09	0.00	55.04	17.4	16.7	16.3	47.3	45.95
85+	30.15	28.53	0.00	24.96	23.67	0.00	21.5	82.9	19.8	55.8	35.14
Crude rate	4.86	1.45	0.96	1.91	3.35	2.85	2.83	4.21	2.32	4.42	3.02
- lower 95% CI	2.47	0.37	0.17	0.61	1.47	1.16	1.15	2.05	0.85	2.25	1.32
- upper 95% CI	9.26	4.62	3.88	5.26	7.23	6.54	6.49	8.31	5.75	8.42	6.52
EASR *	3.34	1.02	0.54	1.16	2.29	1.51	1.81	2.00	1.23	2.07	1.32
- lower 95% CI	3.13	0.9	0.46	1.05	2.11	1.38	1.65	1.87	1.12	1.93	1.22
- upper 95% CI	3.55	1.14	0.62	1.28	2.47	1.63	1.96	2.13	1.34	2.19	1.42
WASR **	2.08	0.62	0.33	0.73	1.53	1.03	1.27	1.06	0.85	1.16	0.66
- lower 95% CI	1.94	0.55	0.28	0.66	1.40	0.93	1.16	0.99	0.77	1.09	0.61
- upper 95% CI	2.22	0.7	0.37	0.81	1.65	1.12	1.38	1.14	0.93	1.24	0.71
* 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											