

Table 6A.B.2.3: Frequency and Survivorship of Rhabdomyosarcoma Subtype Soft Tissue Cancer, by Age, United States 2004-2015

Histology[2]	Age group	Frequency Count	Percent of Total Frequency	Probability of Survival at Stated Interval [1]			
				24 Month		60 Month	
				Survival Distribution		Survival Distribution	
				Function (SDF) Estimate	SDF 95% Confidence Interval	Function (SDF) Estimate	SDF 95% Confidence Interval
Rhabdomyosarcoma, NOS							
	0 - 5	104	3.51	0.80	0.70-0.87	0.67	0.56-0.76
	6 - 10	49	1.65	0.85	0.70-0.93	0.65	0.45-0.79
	11 - 15	56	1.89	0.73	0.59-0.83	0.40	0.26-0.54
	16 - 20	66	2.23	0.67	0.54-0.78	0.34	0.21-0.47
	21 - 25	32	1.08	0.53	0.34-0.69	0.38	0.20-0.55
	26+	323	10.90	0.37	0.31-0.42	0.25	0.20-0.31
Embryonal rhabdomyosarcoma, NOS							
	0 - 5	344	11.61	0.86	0.82-0.90	0.79	0.73-0.83
	6 - 10	134	4.52	0.91	0.84-0.95	0.84	0.75-0.90
	11 - 15	91	3.07	0.77	0.66-0.84	0.57	0.45-0.67
	16 - 20	87	2.94	0.81	0.70-0.88	0.68	0.55-0.77
	21 - 25	38	1.28	0.62	0.44-0.76	0.45	0.27-0.61
	26+	134	4.52	0.50	0.41-0.59	0.36	0.27-0.45
Spindle cell rhabdomyosarcoma							
	0 - 5	24	0.81	0.82	0.59-0.93	0.82	0.59-0.93
	6 - 10	5	0.17	1.00	.-.	0.80	0.20-0.97
	11 - 15	4	0.13	0.75	0.13-0.96	0.75	0.13-0.96
	16 - 20	12	0.40	1.00	.-.	0.61	0.26-0.83
	21 - 25	8	0.27	0.50	0.15-0.77	0.50	0.15-0.77
	26+	78	2.63	0.61	0.49-0.71	0.37	0.25-0.49
Alveolar rhabdomyosarcoma							
	0 - 5	206	6.95	0.80	0.74-0.85	0.67	0.59-0.73
	6 - 10	125	4.22	0.82	0.73-0.88	0.48	0.37-0.57
	11 - 15	197	6.65	0.63	0.55-0.69	0.36	0.29-0.44
	16 - 20	169	5.70	0.64	0.56-0.71	0.31	0.24-0.39
	21 - 25	54	1.82	0.58	0.43-0.70	0.27	0.14-0.40
	26+	147	4.96	0.34	0.26-0.42	0.17	0.11-0.25

[1] Example: The probability of survival at 24 months from diagnosis for Rhabdomyosarcoma, NOS, age 0-5, is 80% (95% confidence interval 70% to 87%) and at 60 months, it is 67% (95% confidence interval 56% to 76%).

[2] Diagnostic groups with fewer than 14 cases in at least 5 of the 6 age groups is excluded from table due to insufficient data to be meaningful (Pleomorphic adult, Mixed, and RMS with ganglionic differentiation)

Source: The National Cancer Data Base (NCDB) of the American College of Surgeons (ACS), 2004-2015.