

Table 30.2

Myelodysplastic Syndromes, Chronic Myeloproliferative Disorders, and
Chronic Myelomonocytic Leukemia

Age-Adjusted Incidence Rates^a for the 21 SEER Geographic Areas by Age and Race, 2013-2017

Site	Both Sexes		Males		Females	
	Rate	Count	Rate	Count	Rate	Count
Myelodysplastic Syndromes (MDS)						
By age						
Ages <40	0.1	441	0.1	229	0.1	212
Ages 40-49	0.7	507	0.7	259	0.6	248
Ages 50-59	2.0	1,694	2.4	971	1.7	723
Ages 60-69	8.1	4,899	10.2	2,932	6.1	1,967
Ages 70-79	26.3	8,693	35.7	5,262	18.7	3,431
Ages 80+	54.2	11,798	81.1	6,585	38.1	5,213
By race						
All Races	4.3	28,032	6.0	16,238	3.2	11,794
White	4.6	23,735	6.3	13,954	3.3	9,781
Black	3.5	2,225	4.5	1,123	2.9	1,102
Asian/Pacific Islander	2.9	1,663	3.9	932	2.2	731
American Indian/Alaska Native ^b	2.4	71	3.5	47	1.5	24
Hispanic ^c	3.1	2,204	3.8	1,139	2.6	1,065
Chronic Myeloproliferative Disorders (CMD)						
By age						
Ages <40	0.5	1,602	0.5	754	0.5	848
Ages 40-49	2.4	1,870	2.5	975	2.3	895
Ages 50-59	4.3	3,467	4.8	1,900	3.8	1,567
Ages 60-69	8.6	5,243	9.2	2,680	8.0	2,563
Ages 70-79	14.8	4,944	15.2	2,284	14.4	2,660
Ages 80+	19.3	4,142	20.2	1,629	18.8	2,513
By race						
All Races	3.3	21,268	3.4	10,222	3.1	11,046
White	3.4	17,215	3.5	8,332	3.2	8,883
Black	3.1	2,199	3.2	1,000	3.0	1,199
Asian/Pacific Islander	1.9	1,194	2.1	590	1.8	604
American Indian/Alaska Native ^b	1.6	60	1.7	30	1.5	30
Hispanic ^c	2.0	1,794	2.2	882	1.9	912
Chronic Myelomonocytic Leukemia (CMML)						
By age						
Ages <40	0.0	32	-	-	0.0	19
Ages 40-49	0.1	41	0.0	18	0.1	23
Ages 50-59	0.2	181	0.3	123	0.1	58
Ages 60-69	1.1	700	1.7	487	0.7	213
Ages 70-79	3.3	1,090	4.8	705	2.1	385
Ages 80+	5.3	1,130	8.1	659	3.5	471
By race						
All Races	0.5	3,174	0.7	2,005	0.3	1,169
White	0.5	2,707	0.8	1,731	0.3	976
Black	0.4	243	0.5	134	0.3	109
Asian/Pacific Islander	0.3	184	0.5	116	0.2	68
American Indian/Alaska Native ^b	-	-	-	-	-	-
Hispanic ^c	0.3	227	0.4	131	0.2	96

Source: SEER 21 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b Incidence data for American Indian/Alaska Native are based on the PRCDA (Purchased/Referred Care Delivery Areas) counties.

^c Hispanics are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

- Statistic not shown due to fewer than 16 cases during the time period.