

Table 30.2

Myelodysplastic Syndromes, Chronic Myeloproliferative Disorders, and
Chronic Myelomonocytic Leukemia

Age-Adjusted Incidence Rates^a for the 18 SEER Geographic Areas by Age and Race, 2011-2015

Site	Both Sexes		Males		Females	
	Rate	Count	Rate	Count	Rate	Count
Myelodysplastic Syndromes (MDS)						
By age						
Ages <40	0.1	315	0.1	152	0.1	163
Ages 40-49	0.7	416	0.7	218	0.6	198
Ages 50-59	2.2	1,349	2.5	759	1.9	590
Ages 60-69	8.6	3,634	10.7	2,158	6.6	1,476
Ages 70-79	28.3	6,469	38.1	3,888	20.4	2,581
Ages 80+	56.8	8,751	85.1	4,876	39.9	3,875
By race						
All Races	4.6	20,934	6.3	12,051	3.4	8,883
White	4.8	17,557	6.6	10,271	3.5	7,286
Black	3.9	1,639	5.0	826	3.2	813
Asian/Pacific Islander	3.2	1,388	4.3	770	2.5	618
American Indian/Alaska Native ^b	3.4	81	4.4	48	2.6	33
Hispanic ^c	3.2	1,663	4.1	896	2.6	767
Chronic Myeloproliferative Disorders (CMD)						
By age						
Ages <40	0.4	877	0.4	411	0.4	466
Ages 40-49	1.9	1,133	1.9	582	1.8	551
Ages 50-59	3.5	2,148	4.1	1,208	3.0	940
Ages 60-69	7.4	3,150	8.0	1,628	6.8	1,522
Ages 70-79	12.6	2,915	13.2	1,370	12.1	1,545
Ages 80+	16.2	2,479	17.5	1,003	15.5	1,476
By race						
All Races	2.7	12,702	2.9	6,202	2.6	6,500
White	2.8	10,250	3.0	5,058	2.6	5,192
Black	2.5	1,227	2.7	575	2.4	652
Asian/Pacific Islander	1.8	840	1.9	392	1.7	448
American Indian/Alaska Native ^b	1.6	49	1.8	27	1.4	22
Hispanic ^c	1.6	1,014	1.8	511	1.5	503
Chronic Myelomonocytic Leukemia (CMML)						
By age						
Ages <40	0.0	21	-	-	-	-
Ages 40-49	0.1	35	0.1	18	0.1	17
Ages 50-59	0.2	124	0.3	83	0.1	41
Ages 60-69	1.0	435	1.5	299	0.6	136
Ages 70-79	3.1	705	4.5	464	1.9	241
Ages 80+	4.8	722	7.4	422	3.2	300
By race						
All Races	0.5	2,042	0.7	1,297	0.3	745
White	0.5	1,748	0.7	1,128	0.3	620
Black	0.3	139	0.5	76	0.3	63
Asian/Pacific Islander	0.3	127	0.4	74	0.2	53
American Indian/Alaska Native ^b	-	-	-	-	-	-
Hispanic ^c	0.3	144	0.4	93	0.2	51

Source: SEER 18 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 and Georgia excluding ATL/RG).

^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 CHSDA (Contract Health Service Delivery Area) 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.