

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, 2012-2016

Site	Both Sexes		Males		Females	
	Rate	Count	Rate	Count	Rate	Count
Myelodysplastic Syndromes (MDS)						
By age						
Ages <40	0.1	438	0.1	222	0.1	216
Ages 40-49	0.7	549	0.7	280	0.7	269
Ages 50-59	2.1	1,764	2.5	1,010	1.8	754
Ages 60-69	8.2	4,868	10.5	2,920	6.2	1,948
Ages 70-79	26.9	8,579	36.4	5,154	19.3	3,425
Ages 80+	55.4	11,940	83.8	6,688	38.5	5,252
By race						
All Races	4.5	28,138	6.2	16,274	3.3	11,864
White	4.7	23,870	6.5	14,017	3.4	9,853
Black	3.6	2,206	4.7	1,129	2.9	1,077
Asian/Pacific Islander	3.0	1,632	4.0	904	2.3	728
American Indian/Alaska Native ^b	2.7	80	3.8	51	1.9	29
Hispanic ^c	3.2	2,183	4.1	1,158	2.6	1,025
Chronic Myeloproliferative Disorders (CMD)						
By age						
Ages <40	0.5	1,500	0.5	705	0.5	795
Ages 40-49	2.3	1,787	2.5	958	2.1	829
Ages 50-59	4.1	3,338	4.7	1,861	3.6	1,477
Ages 60-69	8.3	4,939	9.0	2,530	7.7	2,409
Ages 70-79	14.3	4,594	14.8	2,126	13.9	2,468
Ages 80+	18.6	3,937	19.2	1,524	18.2	2,413
By race						
All Races	3.1	20,095	3.3	9,704	3.0	10,391
White	3.2	16,325	3.4	7,912	3.1	8,413
Black	2.8	2,001	3.0	933	2.7	1,068
Asian/Pacific Islander	1.9	1,140	2.1	566	1.8	574
American Indian/Alaska Native ^b	1.7	60	1.8	31	1.6	29
Hispanic ^c	2.0	1,697	2.1	834	1.9	863
Chronic Myelomonocytic Leukemia (CMML)						
By age						
Ages <40	0.0	30	-	-	0.0	19
Ages 40-49	0.1	47	0.1	20	0.1	27
Ages 50-59	0.2	177	0.3	117	0.1	60
Ages 60-69	1.1	655	1.6	451	0.7	204
Ages 70-79	3.2	1,020	4.6	657	2.1	363
Ages 80+	4.9	1,032	7.5	598	3.3	434
By race						
All Races	0.5	2,961	0.7	1,854	0.3	1,107
White	0.5	2,535	0.7	1,613	0.3	922
Black	0.4	229	0.5	123	0.3	106
Asian/Pacific Islander	0.3	163	0.4	96	0.2	67
American Indian/Alaska Native ^b	-	-	-	-	-	-
Hispanic ^c	0.3	206	0.4	124	0.2	82

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.