

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, 2008-2012

Site	Both Sexes		Males		Females	
	Rate	Count	Rate	Count	Rate	Count
Myelodysplastic Syndromes (MDS)						
By age						
Ages <40	0.2	377	0.2	189	0.2	188
Ages 40-49	0.8	483	0.8	238	0.8	245
Ages 50-59	2.5	1,462	2.8	788	2.2	674
Ages 60-69	9.7	3,619	11.8	2,093	7.7	1,526
Ages 70-79	30.4	6,435	40.7	3,793	22.4	2,642
Ages 80+	59.1	8,680	89.6	4,778	41.6	3,902
By race						
All Races	5.0	21,056	6.8	11,879	3.7	9,177
White	5.1	17,771	7.0	10,171	3.8	7,600
Black	4.1	1,575	5.2	758	3.5	817
Asian/Pacific Islander	3.8	1,384	5.2	782	2.8	602
American Indian/Alaska Native ^b	3.3	70	3.7	37	2.8	33
Hispanic ^c	3.6	1,624	4.5	841	3.0	783
Chronic Myeloproliferative Disorders (CMD)						
By age						
Ages <40	0.4	811	0.3	397	0.4	414
Ages 40-49	1.7	1,055	1.8	551	1.6	504
Ages 50-59	3.2	1,863	3.7	1,055	2.7	808
Ages 60-69	7.0	2,646	7.9	1,413	6.2	1,233
Ages 70-79	12.6	2,684	14.0	1,320	11.5	1,364
Ages 80+	17.2	2,522	19.6	1,047	15.9	1,475
By race						
All Races	2.6	11,581	2.9	5,783	2.4	5,798
White	2.7	9,276	2.9	4,647	2.4	4,629
Black	2.7	1,174	2.9	548	2.5	626
Asian/Pacific Islander	1.9	797	2.3	409	1.7	388
American Indian/Alaska Native ^b	1.8	47	2.3	25	1.5	22
Hispanic ^c	1.7	926	2.0	475	1.5	451
Chronic Myelomonocytic Leukemia (CMML)						
By age						
Ages <40	0.0	21	0.0	16	-	-
Ages 40-49	0.1	40	0.1	20	0.1	20
Ages 50-59	0.2	121	0.3	95	0.1	26
Ages 60-69	1.0	354	1.3	226	0.7	128
Ages 70-79	2.9	612	4.4	413	1.7	199
Ages 80+	4.4	646	6.9	370	3.0	276
By race						
All Races	0.4	1,794	0.6	1,140	0.3	654
White	0.4	1,542	0.7	983	0.3	559
Black	0.3	114	0.4	62	0.2	52
Asian/Pacific Islander	0.3	112	0.5	77	0.2	35
American Indian/Alaska Native ^b	-	-	-	-	-	-
Hispanic ^c	0.3	137	0.5	87	0.2	50

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.