

Table 30.1

Myelodysplastic Syndromes, Chronic Myeloproliferative Disorders, and Chronic Myelomonocytic Leukemia

Counts, Percents and Age-Adjusted Incidence Rates^a for the 18 SEER Geographic Areas by Subtype, 2007-2011

Site	Both Sexes			Males			Females		
	Count	Percent	Rate	Count	Percent	Rate	Count	Percent	Rate
Total	33,590	100.0%	8.0	18,269	100.0%	10.3	15,321	100.0%	6.4
Myelodysplastic Syndromes (MDS)	20,541	100.0%	4.9	11,479	100.0%	6.7	9,062	100.0%	3.8
Refractory anemia (RA), NOS	1,991	9.7%	0.5	1,032	9.0%	0.6	959	10.6%	0.4
RA with ringed sideroblasts	1,409	6.9%	0.3	784	6.8%	0.5	625	6.9%	0.3
RA with excess blasts (RAEB)	2,741	13.3%	0.7	1,617	14.1%	0.9	1,124	12.4%	0.5
RAEB in transformation	76	0.4%	0.0	47	0.4%	0.0	29	0.3%	0.0
Refractory cytopenia w/multilineage dysplasia	1,409	6.9%	0.3	917	8.0%	0.5	492	5.4%	0.2
Myelodysplastic syndrome with 5q deletion	565	2.8%	0.1	228	2.0%	0.1	337	3.7%	0.1
Therapy-related myelodysplastic syndrome	361	1.8%	0.1	193	1.7%	0.1	168	1.9%	0.1
Myelodysplastic syndrome, NOS	11,989	58.4%	2.9	6,661	58.0%	3.9	5,328	58.8%	2.2
Chronic Myeloproliferative Disorders (CMD)	11,285	100.0%	2.6	5,672	100.0%	3.0	5,613	100.0%	2.4
Polycythemia vera	4,100	36.3%	0.9	2,313	40.8%	1.2	1,787	31.8%	0.8
Chronic myeloproliferative disease, NOS	1,376	12.2%	0.3	732	12.9%	0.4	644	11.5%	0.3
Myelosclerosis with myeloid metaplasia	1,295	11.5%	0.3	795	14.0%	0.4	500	8.9%	0.2
Essential thrombocythemia	4,335	38.4%	1.0	1,717	30.3%	0.9	2,618	46.6%	1.1
Chronic neutrophilic leukemia	20	0.2%	0.0	17	0.3%	0.0	-	-	-
Hypereosinophilic syndrome	159	1.4%	0.0	98	1.7%	0.0	61	1.1%	0.0
Chronic Myelomonocytic Leukemia (CMML)	1,764	100.0%	0.4	1,118	100.0%	0.6	646	100.0%	0.3

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).

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