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, 2008-2012

Site	Both Sexes			Males			Females		
	Count	Percent	Rate	Count	Percent	Rate	Count	Percent	Rate
Total	34,431	100.0%	8.0	18,802	100.0%	10.3	15,629	100.0%	6.4
Myelodysplastic Syndromes (MDS)	21,056	100.0%	5.0	11,879	100.0%	6.8	9,177	100.0%	3.7
Refractory anemia (RA), NOS	1,856	8.8%	0.4	968	8.1%	0.6	888	9.7%	0.4
RA with ringed sideroblasts	1,378	6.5%	0.3	782	6.6%	0.4	596	6.5%	0.2
RA with excess blasts (RAEB)	2,871	13.6%	0.7	1,717	14.5%	0.9	1,154	12.6%	0.5
RAEB in transformation	54	0.3%	0.0	34	0.3%	0.0	20	0.2%	0.0
Refractory cytopenia w/multilineage dysplasia	1,482	7.0%	0.4	975	8.2%	0.5	507	5.5%	0.2
Myelodysplastic syndrome with 5q deletion	634	3.0%	0.1	261	2.2%	0.1	373	4.1%	0.2
Therapy-related myelodysplastic syndrome	291	1.4%	0.1	156	1.3%	0.1	135	1.5%	0.1
Myelodysplastic syndrome, NOS	12,490	59.3%	2.9	6,986	58.8%	4.0	5,504	60.0%	2.2
Chronic Myeloproliferative Disorders (CMD)	11,581	100.0%	2.6	5,783	100.0%	2.9	5,798	100.0%	2.4
Polycythemia vera	4,406	38.0%	1.0	2,461	42.6%	1.2	1,945	33.5%	0.8
Chronic myeloproliferative disease, NOS	1,011	8.7%	0.2	547	9.5%	0.3	464	8.0%	0.2
Myelosclerosis with myeloid metaplasia	1,447	12.5%	0.3	878	15.2%	0.5	569	9.8%	0.2
Essential thrombocythemia	4,539	39.2%	1.0	1,781	30.8%	0.9	2,758	47.6%	1.2
Chronic neutrophilic leukemia	30	0.3%	0.0	23	0.4%	0.0	-	-	-
Hypereosinophilic syndrome	148	1.3%	0.0	93	1.6%	0.0	55	0.9%	0.0
Chronic Myelomonocytic Leukemia (CMML)	1,794	100.0%	0.4	1,140	100.0%	0.6	654	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.