

Table 30.1

## Myelodysplastic Syndromes, Chronic Myeloproliferative Disorders, and Chronic Myelomonocytic Leukemia

Counts, Percents and Age-Adjusted Incidence Rates<sup>a</sup> for the 21 SEER Geographic Areas by Subtype, 2013-2017

Site	Both Sexes			Males			Females		
	Count	Percent	Rate	Count	Percent	Rate	Count	Percent	Rate
Total	52,474	100.0%	8.1	28,465	100.0%	10.2	24,009	100.0%	6.6
Myelodysplastic Syndromes (MDS)	28,032	100.0%	4.3	16,238	100.0%	6.0	11,794	100.0%	3.2
Refractory anemia (RA), NOS	1,300	4.6%	0.2	710	4.4%	0.3	590	5.0%	0.2
RA with ringed sideroblasts	1,574	5.6%	0.2	898	5.5%	0.3	676	5.7%	0.2
RA with excess blasts (RAEB)	4,582	16.3%	0.7	2,815	17.3%	1.0	1,767	15.0%	0.5
RAEB in transformation	-	-	-	-	-	-	-	-	-
Refractory cytopenia w/multilineage dysplasia	2,172	7.7%	0.3	1,425	8.8%	0.5	747	6.3%	0.2
Myelodysplastic syndrome with 5q deletion	1,076	3.8%	0.2	429	2.6%	0.2	647	5.5%	0.2
Therapy-related myelodysplastic syndrome	-	-	-	-	-	-	-	-	-
Myelodysplastic syndrome, NOS	17,328	61.8%	2.7	9,961	61.3%	3.7	7,367	62.5%	2.0
Chronic Myeloproliferative Disorders (CMD)	21,268	100.0%	3.3	10,222	100.0%	3.4	11,046	100.0%	3.1
Polycythemia vera	8,718	41.0%	1.3	4,886	47.8%	1.6	3,832	34.7%	1.1
Chronic myeloproliferative disease, NOS	-	-	-	-	-	-	-	-	-
Myelosclerosis with myeloid metaplasia	2,375	11.2%	0.4	1,399	13.7%	0.5	976	8.8%	0.3
Essential thrombocythemia	9,940	46.7%	1.5	3,789	37.1%	1.3	6,151	55.7%	1.8
Chronic neutrophilic leukemia	54	0.3%	0.0	33	0.3%	0.0	21	0.2%	0.0
Hypereosinophilic syndrome	181	0.9%	0.0	115	1.1%	0.0	66	0.6%	0.0
Chronic Myelomonocytic Leukemia (CMML)	3,174	100.0%	0.5	2,005	100.0%	0.7	1,169	100.0%	0.3

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).

<sup>a</sup> 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.