

Table 30.1

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

Counts, Percents and Age-Adjusted Incidence Rates<sup>a</sup> for the 18 SEER Geographic Areas by Subtype, 2011-2015

Site	Both Sexes			Males			Females		
	Count	Percent	Rate	Count	Percent	Rate	Count	Percent	Rate
Total	35,678	100.0%	7.8	19,550	100.0%	9.9	16,128	100.0%	6.3
Myelodysplastic Syndromes (MDS)	20,934	100.0%	4.6	12,051	100.0%	6.3	8,883	100.0%	3.4
Refractory anemia (RA), NOS	1,361	6.5%	0.3	756	6.3%	0.4	605	6.8%	0.2
RA with ringed sideroblasts	1,283	6.1%	0.3	717	5.9%	0.4	566	6.4%	0.2
RA with excess blasts (RAEB)	3,364	16.1%	0.7	2,057	17.1%	1.1	1,307	14.7%	0.5
RAEB in transformation	-	-	-	-	-	-	-	-	-
Refractory cytopenia w/multilineage dysplasia	1,638	7.8%	0.4	1,099	9.1%	0.6	539	6.1%	0.2
Myelodysplastic syndrome with 5q deletion	739	3.5%	0.2	282	2.3%	0.1	457	5.1%	0.2
Therapy-related myelodysplastic syndrome	-	-	-	-	-	-	-	-	-
Myelodysplastic syndrome, NOS	12,549	59.9%	2.8	7,140	59.2%	3.8	5,409	60.9%	2.0
Chronic Myeloproliferative Disorders (CMD)	12,702	100.0%	2.7	6,202	100.0%	2.9	6,500	100.0%	2.6
Polycythemia vera	5,332	42.0%	1.1	2,985	48.1%	1.4	2,347	36.1%	0.9
Chronic myeloproliferative disease, NOS	-	-	-	-	-	-	-	-	-
Myelosclerosis with myeloid metaplasia	1,641	12.9%	0.4	974	15.7%	0.5	667	10.3%	0.3
Essential thrombocythemia	5,557	43.7%	1.2	2,141	34.5%	1.0	3,416	52.6%	1.4
Chronic neutrophilic leukemia	40	0.3%	0.0	22	0.4%	0.0	18	0.3%	0.0
Hypereosinophilic syndrome	132	1.0%	0.0	80	1.3%	0.0	52	0.8%	0.0
Chronic Myelomonocytic Leukemia (CMML)	2,042	100.0%	0.5	1,297	100.0%	0.7	745	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).

<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.