

Supplementary Table 3. Five-year relative survival rates of myeloid malignancies by age group in Korea (in detail).

ICD-O-3 code	ICD-O-3 description	Age (yr)	Year							
			1996-2000		2001-2005		2006-2010		2008-2012	
			Cases	Relative survival	Cases	Relative survival	Cases	Relative survival	Cases	Relative survival
Acute myeloid leukemia: Non-APL AML										
9840	Acute erythroid leukemia	Total	3,452	23.7	4,297	27.4	4,686	29.8	4,810	30.5
9861	AML, NOS	0-14	479	40.0	452	50.3	382	57.3	362	60.3
9867	Acute myelomonocytic leukemia	15-34	811	35.3	808	41.1	676	50.5	667	54.8
9870	Acute basophilic leukemia	35-49	823	26.5	1,010	35.8	978	43.3	931	42.4
9872	AML, minimal differentiation	50-64	812	11.7	1,046	17.3	1,158	26.7	1,218	30.4
9873	AML without maturation	65-79	485	4.3	880	6.5	1,287	6.7	1,379	7.3
9874	AML with maturation	≥80	42	0.0	101	7.1	205	0.8	253	0.0
9891	Acute monocytic leukemia	-	-	-	-	-	-	-	-	-
9910	Acute megakaryoblastic leukemia	-	-	-	-	-	-	-	-	-
9930	Myeloid sarcoma	-	-	-	-	-	-	-	-	-
9871	AML with abnormal marrow eosinophils	-	-	-	-	-	-	-	-	-
9896	AML, t(8,21) (q22,q22)	-	-	-	-	-	-	-	-	-
9897	AML, 11q23 abnormalities	-	-	-	-	-	-	-	-	-
9895	AML, with multilineage dysplasia	Total	9	37.1	118	20.1	189	20.1	211	17.8
9984	Refractory anemia with excess blasts in transformation (obsolete)	0-14	1	0.0	9	55.6	4	50.0	1	0.0
		15-34	4	50.3	15	20.1	19	40.7	11	0.0
		35-49	1	102.5	32	28.5	43	31.9	45	37.3
		50-64	1	0.0	39	13.4	69	17.9	76	14.1
		65-79	1	0.0	21	5.6	49	4.0	69	9.4
		≥80	1	0.0	2	0.0	5	0.0	9	0.0
9931	Acute panmyelosis with myelofibrosis	Total	15	46.2	38	24.9	57	20.4	66	13.9
9931	Acute panmyelosis with myelofibrosis	0-14	0	-	3	0.0	5	0.0	3	0.0
		15-34	0	-	4	75.4	6	33.4	4	50.1
		35-49	1	0.0	2	101.0	7	29.0	8	0.0
		50-64	8	39.8	15	20.7	15	0.0	21	0.0
		65-79	5	47.4	12	9.5	23	34.1	29	13.3
		≥80	1	162.7	2	0.0	1	0.0	1	0.0
Acute myeloid leukemia: APL										
9866	Acute promyelocytic leukemia t(15; 17) (q22;q11-12)	Total	340	51.6	443	66.0	643	72.2	713	69.6
9866	Acute promyelocytic leukemia t(15; 17) (q22;q11-12)	0-14	36	66.8	35	62.9	40	90.1	44	86.2
		15-34	95	62.3	131	79.6	155	77.8	150	79.6
		35-49	116	52.4	167	64.7	213	75.8	237	74.9
		50-64	67	42.2	79	61.7	169	69.2	191	64.0
		65-79	23	10.4	31	28.5	64	44.8	87	41.1
		≥80	3	0.0	0	-	2	0.0	4	0.0
Myeloproliferative neoplasms: CML^{a)}										
9863	CML, NOS	Total	-	-	980	74.5	1,844	83.7	2,016	85.5
9875	Chronic myelogenous leukemia, BCR/ABL positive	0-14	-	-	34	67.7	49	83.8	41	91.4
		15-34	-	-	228	82.7	395	92.0	421	93.1
		35-49	-	-	297	85.2	539	91.5	551	91.4
		50-64	-	-	246	72.8	469	85.3	546	87.5
		65-79	-	-	160	50.5	334	67.2	391	71.5
		≥80	-	-	15	0	58	16.8	66	20.3
Myeloproliferative neoplasms: Non-CML MPN^{a)}										
9950	Polycythemia vera	Total	-	-	396	95.5	942	98.4	1,015	99.7
9961	Myeloid metaplasia with myeloid metaplasia	Total	-	-	124	53.4	338	52.9	378	54.6
9962	Essential thrombocythemia	Total	-	-	409	93.9	1,321	92.3	1,708	90.3
9963	Chronic neutrophilic leukemia	Total	-	-	12	54.5	13	65.3	12	34.2
9964	Hypereosinophilic syndrome	Total	-	-	81	96.6	298	94.1	300	95.6
9960	Chronic myeloproliferative disease, NOS	Total	-	-	115	77.2	242	67.5	229	66.4

Supplementary Table 3. Continued.

ICD-O-3 code	ICD-O-3 description	Age(yr)	Year							
			1996-2000		2001-2005		2006-2010		2008-2012	
			Cases	Relative survival	Cases	Relative survival	Cases	Relative survival	Cases	Relative survival
Myelodysplastic syndrome ^{a)}										
9980	Refractory anemia	Total	-	-	193	60.1	318	60.8	292	65.0
9982	Refractory anemia with sideroblasts	-	-	-	-	-	-	-	-	-
9983	Refractory anemia with excess blasts	Total	-	-	226	23.7	646	20.4	809	24.3
9985	Refractory cytopenia with multilineage dysplasia	Total	-	-	108	63.5	501	52.9	706	54.4
9986	Myelodysplastic syndrome 5q deletion	Total	-	-	5	82.8	15	40.7	21	68.1
Myelodysplastic/myeloproliferative neoplasms ^{a)}										
9945	Chronic myelomonocytic leukemia	Total	-	-	69	21.3	139	23.3	195	23.2
9876	Atypical CML, BCR/ABL-1 negative	Total	-	-	3	34.9	23	14.2	45	0.0
9946	Juvenile myelomonocytic leukemia	Total	-	-	16	50.2	34	65.0	41	70.4
9975	Myelodysplastic/myeloproliferative neoplasm, unclassifiable	Total	-	-	0	-	1	0.0	9	0.0
Unknown myeloid neoplasms										
9800	Leukemia, NOS	Total	1,094	22.6	1,217	29.4	1,146	39.9	1,143	41.6
9801	Acute leukemia, NOS	0-14	119	45.5	85	55.4	61	65.7	56	73.3
		15-34	170	29.6	125	37.7	105	56.4	88	61.2
		35-49	148	27.5	141	46.0	140	66.1	132	64.8
		50-64	267	21.3	252	34.9	220	51.7	207	57.3
		65-79	332	10.2	479	19.3	433	27.3	454	30.5
		≥80	58	12.8	135	9.0	187	12.5	206	11.4
		Total	81	26.1	59	26.7	75	37.9	94	38.5
9860	Myeloid leukemia, NOS	0-14	13	30.8	3	66.8	3	100.1	4	0.0
		15-34	14	21.6	9	33.4	7	28.6	5	40.1
		35-49	12	50.7	7	57.9	14	64.9	21	66.8
		50-64	23	18.6	19	27.4	17	54.6	16	57.3
		65-79	19	19.7	20	5.7	24	14.8	31	0.0
		≥80	0	-	1	0.0	10	0.0	17	0.0
		Total	5	40.3	105	34.5	138	37.8	120	40.5
9805	Acute leukemia, ambiguous lineage	Total	5	40.3	105	34.5	138	37.8	120	40.5
All myeloid malignancies ^{b)}										
		Total	4,996	25.5	9,515	43.5	14,996	53.6	16,544	55.1
		0-14	649	42.3	729	54.1	712	66.1	682	69.6
		15-34	1,096	36.7	1,558	55.3	1,865	70.4	1,883	73.7
		35-49	1,102	29.6	2,136	55.0	3,075	68.9	3,149	69.8
		50-64	1,179	15.9	2,417	41.8	3,863	57.1	4,334	60.2
		65-79	865	7.3	2,320	26.1	4,656	36.2	5,375	38.4
		≥80	105	8.7	355	16.3	825	19.3	1,121	21.6

^{a)}Official registration employing ICD-O-3 began in 2003 at KCCR, ^{b)}ICD-O-3 codes 9920, 9740, 9741, 9742, 9987, and 9989 were included in all myeloid malignancies.

Abbreviations: same as in Supplementary Table 2.