

Supplementary Table 1: Number of Leukemia and Ischemic Heart Disease–Related Deaths, Stratified by Sex and Race in the United States (1999–2020)

Year	Deaths					
	Overall	Male	Female	NH Black or African American	NH White	Hispanic or Latino
1999	2464	1508	956	123	2252	58
2000	2496	1540	956	150	2247	67
2001	2381	1475	906	123	2155	67
2002	2432	1489	943	124	2220	48
2003	2477	1557	920	137	2228	69
2004	2423	1573	850	117	2201	72
2005	2471	1604	867	131	2227	84
2006	2400	1560	840	135	2180	57
2007	2410	1553	857	135	2180	69
2008	2403	1591	812	135	2159	63
2009	2308	1505	803	132	2081	62
2010	2449	1648	801	115	2198	97
2011	2382	1621	761	131	2143	70
2012	2339	1595	744	125	2078	77
2013	2373	1634	739	128	2092	92
2014	2423	1721	702	124	2173	77
2015	2316	1650	666	127	2049	89
2016	2305	1629	676	114	2056	94
2017	2394	1703	691	141	2107	82
2018	2452	1751	701	140	2164	96
2019	2568	1827	741	141	2241	118
2020	2937	2102	835	167	2567	141

Supplementary Table 2: Annual Percent Change (APC) and Average Annual Percent Change (AAPC) of Leukemia and Ischemic Heart Disease–Related Age-Adjusted Mortality Rates per 100,000 among U.S. Adults (1999–2020)

Year Interval	APC (95% CI)	Year Interval	AAPC(95% CI)
Overall			
1999-2018	-2.19(-2.40 to -1.98)	1999-2020	-1.30(-1.90 to -0.68)
2018-2020	7.62(0.68 to 15.03)		
Female			
1999-2009	-2.88(-3.48 to -2.26)	1999-2020	-2.35(-3.15 to -1.55)
2009-2017	-4.50(-5.67 to -3.31)		
2017-2020	5.47(0.42 to 10.77)		
Male			
1999-2018	-1.88(-2.16 to -1.60)	1999-2020	-1.11(-1.89 to -0.32)
2018-2020	6.53(-2.25 to 16.09)		
NH Black or African American			
1999-2020	-2.55(-3.12 to -1.98)	1999-2020	-2.55(-3.12 to -1.98)
NH White			
1999-2018	-1.90(-2.10 to -1.71)	1999-2020	-1.02(-1.65 to -0.38)
2018-2020	7.82(0.50 to 15.67)		
Hispanic or Latino			
1999-2020	-2.34(-3.46 to -1.21)	1999-2020	-2.34(-3.46 to -1.21)
45-64 Years			
1999-2020	-1.39(-1.96 to -0.82)	1999-2020	-1.39(-1.96 to -0.82)
65+ Years			
1999-2018	-2.22(-2.45 to -1.99)	1999-2020	-1.36(-2.04 to -0.67)
2018-2020	7.20(-0.60 to 15.61)		
Northeast			
1999-2020	-2.57(-2.94 to -2.20)	1999-2020	-2.57(-2.94 to -2.20)
Midwest			
1999-2017	-2.35(-2.83 to -1.88)	1999-2020	-1.52(-2.54 to -0.48)
2017-2020	3.65(-3.65 to 11.51)		
South			
1999-2018	-1.82(-2.08 to -1.56)	1999-2020	-0.67(-1.40 to 0.07)
2018-2020	10.99(2.48 to 20.20)		
West			
1999-2020	-1.77(-2.10 to -1.43)	1999-2020	-1.77(-2.10 to -1.43)
Urban or Metropolitan			
1999-2018	-2.33(-2.50 to -2.16)	1999-2020	-1.44(-1.93 to -0.95)
2018-2020	7.41(1.78 to 13.34)		
Rural or Non-Metropolitan			
1999-2018	-1.75(-2.21 to -1.30)	1999-2020	-0.66(-1.99 to 0.69)
2018-2020	10.38(-4.65 to 27.78)		

Supplementary Table 3: Leukemia and Ischemic Heart Disease–Related Age-Adjusted Mortality Rates per 100,000, Stratified by Sex in the United States (1999–2020)

Year	Age-Adjusted Rate (95% CI)		
	Female	Male	Overall
1999	0.84(0.79 - 0.9)	2.22(2.11 - 2.34)	1.39(1.33 - 1.44)
2000	0.85(0.79 - 0.9)	2.25(2.14 - 2.37)	1.39(1.34 - 1.44)
2001	0.8(0.74 - 0.85)	2.13(2.02 - 2.24)	1.3(1.24 - 1.35)
2002	0.82(0.77 - 0.88)	2.11(2 - 2.22)	1.33(1.27 - 1.38)
2003	0.76(0.71 - 0.81)	2.17(2.06 - 2.28)	1.33(1.28 - 1.38)
2004	0.72(0.67 - 0.76)	2.13(2.02 - 2.23)	1.27(1.22 - 1.32)
2005	0.72(0.68 - 0.77)	2.16(2.05 - 2.27)	1.27(1.22 - 1.32)
2006	0.68(0.64 - 0.73)	2.01(1.91 - 2.11)	1.22(1.17 - 1.27)
2007	0.69(0.64 - 0.73)	1.96(1.86 - 2.06)	1.21(1.16 - 1.26)
2008	0.66(0.61 - 0.71)	1.96(1.86 - 2.06)	1.18(1.13 - 1.23)
2009	0.64(0.6 - 0.69)	1.81(1.72 - 1.9)	1.11(1.06 - 1.15)
2010	0.62(0.58 - 0.67)	1.95(1.85 - 2.04)	1.15(1.11 - 1.2)
2011	0.59(0.54 - 0.63)	1.85(1.75 - 1.94)	1.09(1.04 - 1.13)
2012	0.53(0.49 - 0.57)	1.77(1.68 - 1.86)	1.05(1.01 - 1.09)
2013	0.55(0.51 - 0.6)	1.77(1.68 - 1.85)	1.03(0.99 - 1.07)
2014	0.49(0.45 - 0.53)	1.81(1.72 - 1.9)	1.04(1 - 1.08)
2015	0.48(0.45 - 0.52)	1.65(1.57 - 1.73)	0.96(0.92 - 1)
2016	0.46(0.43 - 0.5)	1.59(1.51 - 1.67)	0.94(0.9 - 0.98)
2017	0.46(0.43 - 0.5)	1.63(1.55 - 1.7)	0.97(0.93 - 1.01)
2018	0.47(0.44 - 0.51)	1.62(1.54 - 1.7)	0.95(0.91 - 0.99)
2019	0.47(0.43 - 0.5)	1.63(1.56 - 1.71)	0.98(0.94 - 1.02)
2020	0.53(0.5 - 0.57)	1.85(1.77 - 1.93)	1.09(1.05 - 1.12)
Average Age-Adjusted Rate	0.63(0.59 - 0.67)	1.91(1.82 - 2.01)	1.15(1.10 - 1.19)

Supplementary Table 4: Leukemia and Ischemic Heart Disease–Related Age-Adjusted Mortality Rates per 100,000, Stratified by Race in the United States (1999–2020)

Year	Age-Adjusted Rate (95% CI)		
	NH Black or African American	NH White	Hispanic or Latino
1999	0.88(0.72 - 1.04)	1.49(1.43 - 1.55)	0.74(0.55 - 0.96)
2000	1.02(0.86 - 1.19)	1.47(1.41 - 1.53)	0.79(0.6 - 1.02)
2001	0.83(0.68 - 0.98)	1.40(1.34 - 1.46)	0.75(0.58 - 0.96)
2002	0.84(0.69 - 0.99)	1.44(1.38 - 1.50)	0.56(0.41 - 0.74)
2003	0.94(0.78 - 1.10)	1.42(1.36 - 1.48)	0.74(0.58 - 0.95)
2004	0.76(0.62 - 0.91)	1.40(1.34 - 1.45)	0.63(0.48 - 0.8)
2005	0.84(0.70 - 0.99)	1.38(1.32 - 1.43)	0.78(0.61 - 0.97)
2006	0.81(0.67 - 0.95)	1.33(1.28 - 1.39)	0.5(0.37 - 0.65)
2007	0.80(0.66 - 0.94)	1.32(1.27 - 1.38)	0.6(0.46 - 0.76)
2008	0.83(0.68 - 0.97)	1.27(1.21 - 1.32)	0.49(0.37 - 0.63)
2009	0.76(0.62 - 0.89)	1.22(1.17 - 1.27)	0.47(0.35 - 0.6)
2010	0.64(0.52 - 0.76)	1.28(1.22 - 1.33)	0.7(0.57 - 0.86)
2011	0.71(0.58 - 0.83)	1.22(1.17 - 1.27)	0.46(0.36 - 0.59)
2012	0.65(0.53 - 0.77)	1.16(1.11 - 1.21)	0.43(0.33 - 0.55)
2013	0.63(0.52 - 0.74)	1.13(1.08 - 1.18)	0.54(0.44 - 0.67)
2014	0.57(0.46 - 0.67)	1.15(1.10 - 1.20)	0.4(0.31 - 0.5)
2015	0.60(0.49 - 0.71)	1.08(1.04 - 1.13)	0.47(0.37 - 0.58)
2016	0.51(0.41 - 0.61)	1.05(1.01 - 1.10)	0.47(0.38 - 0.58)
2017	0.59(0.49 - 0.69)	1.09(1.04 - 1.14)	0.39(0.3 - 0.48)
2018	0.58(0.48 - 0.68)	1.08(1.03 - 1.13)	0.43(0.35 - 0.53)
2019	0.59(0.49 - 0.69)	1.10(1.05 - 1.14)	0.49(0.4 - 0.59)
2020	0.64(0.54 - 0.74)	1.25(1.20 - 1.30)	0.57(0.47 - 0.67)
Average Age-Adjusted Rate	0.73(0.60 - 0.86)	1.26(1.21 - 1.31)	0.56(0.44 - 0.71)

Supplementary Table 5: Leukemia and Ischemic Heart Disease–Related Age-Adjusted Mortality Rates per 100,000, Stratified by Census in the United States (1999–2020)

Year	Age-Adjusted Rate (95% CI)			
	Northeast	Midwest	South	West
1999	1.57(1.45 - 1.7)	1.6(1.48 - 1.72)	1.2(1.12 - 1.29)	1.28(1.16 - 1.4)
2000	1.53(1.4 - 1.65)	1.61(1.49 - 1.73)	1.23(1.14 - 1.32)	1.3(1.18 - 1.42)
2001	1.34(1.22 - 1.45)	1.41(1.3 - 1.52)	1.17(1.09 - 1.26)	1.34(1.22 - 1.46)
2002	1.39(1.28 - 1.51)	1.55(1.44 - 1.67)	1.13(1.05 - 1.21)	1.28(1.17 - 1.4)
2003	1.38(1.26 - 1.5)	1.62(1.5 - 1.74)	1.17(1.08 - 1.25)	1.18(1.07 - 1.29)
2004	1.3(1.18 - 1.41)	1.44(1.33 - 1.55)	1.16(1.08 - 1.24)	1.26(1.15 - 1.37)
2005	1.37(1.26 - 1.49)	1.39(1.28 - 1.5)	1.18(1.1 - 1.26)	1.23(1.12 - 1.34)
2006	1.26(1.15 - 1.37)	1.35(1.24 - 1.45)	1.14(1.06 - 1.22)	1.13(1.03 - 1.24)
2007	1.22(1.11 - 1.32)	1.39(1.28 - 1.5)	1.08(1.01 - 1.16)	1.16(1.05 - 1.26)
2008	1.3(1.19 - 1.42)	1.45(1.34 - 1.56)	1.02(0.94 - 1.09)	1.06(0.96 - 1.16)
2009	1.11(1.01 - 1.21)	1.34(1.24 - 1.45)	1.01(0.94 - 1.08)	1.03(0.93 - 1.12)
2010	1.23(1.12 - 1.34)	1.28(1.18 - 1.39)	1.06(0.99 - 1.14)	1.11(1.01 - 1.21)
2011	1.13(1.03 - 1.23)	1.23(1.14 - 1.33)	1.02(0.95 - 1.1)	1.02(0.93 - 1.12)
2012	1.05(0.95 - 1.14)	1.17(1.07 - 1.26)	0.95(0.88 - 1.02)	1.1(1 - 1.19)
2013	0.98(0.89 - 1.07)	1.15(1.06 - 1.25)	0.99(0.92 - 1.06)	1.09(0.99 - 1.18)
2014	1.02(0.93 - 1.11)	1.26(1.16 - 1.36)	0.92(0.86 - 0.99)	0.99(0.9 - 1.08)
2015	0.95(0.86 - 1.05)	1.08(0.99 - 1.17)	0.91(0.85 - 0.97)	0.96(0.88 - 1.05)
2016	0.97(0.87 - 1.06)	1.05(0.96 - 1.14)	0.89(0.82 - 0.95)	0.91(0.83 - 0.99)
2017	0.9(0.82 - 0.99)	1.05(0.96 - 1.14)	0.9(0.84 - 0.96)	0.94(0.85 - 1.02)
2018	0.96(0.87 - 1.05)	1.11(1.02 - 1.2)	0.89(0.83 - 0.95)	0.88(0.8 - 0.95)
2019	0.87(0.79 - 0.95)	1.11(1.02 - 1.2)	0.95(0.89 - 1.01)	0.94(0.86 - 1.02)
2020	1.02(0.93 - 1.11)	1.23(1.14 - 1.32)	1.09(1.03 - 1.16)	1(0.92 - 1.08)
Average Age-Adjusted Rate	1.18(1.07 - 1.28)	1.31(1.21 - 1.42)	1.05(0.98 - 1.12)	1.10(1.00 - 1.20)

Supplementary Table 6: Leukemia and Ischemic Heart Disease–Related Age-Adjusted Mortality Rates per 100,000, Stratified by States in the United States (1999–2020)

State	Age-Adjusted Rate (95% CI)
	1999-2020
Alabama	0.9(0.83 - 0.97)
Alaska	0.72(0.51 - 0.98)
Arizona	0.76(0.71 - 0.82)
Arkansas	1.07(0.97 - 1.16)
California	1.21(1.18 - 1.24)
Colorado	1.01(0.93 - 1.09)
Connecticut	1.08(1 - 1.16)
Delaware	1.15(0.98 - 1.33)
District of Columbia	0.78(0.6 - 0.99)
Florida	0.95(0.92 - 0.98)
Georgia	0.67(0.63 - 0.72)
Hawaii	0.66(0.55 - 0.77)
Idaho	1.2(1.05 - 1.34)
Illinois	1.11(1.06 - 1.16)
Indiana	1.24(1.17 - 1.31)
Iowa	1.4(1.31 - 1.5)
Kansas	1.13(1.03 - 1.23)
Kentucky	1.28(1.19 - 1.36)
Louisiana	0.71(0.65 - 0.78)
Maine	1.18(1.05 - 1.32)
Maryland	1.17(1.09 - 1.24)
Massachusetts	0.9(0.84 - 0.96)
Michigan	1.24(1.19 - 1.29)
Minnesota	1.47(1.39 - 1.55)
Mississippi	0.97(0.88 - 1.07)
Missouri	1.21(1.14 - 1.28)
Montana	0.96(0.81 - 1.11)
Nebraska	1.42(1.29 - 1.56)
Nevada	0.56(0.48 - 0.63)
New Hampshire	1.17(1.02 - 1.32)
New Jersey	1.14(1.08 - 1.19)
New Mexico	0.82(0.72 - 0.92)
New York	1.11(1.07 - 1.15)
North Carolina	1.04(0.99 - 1.09)
North Dakota	1.78(1.54 - 2.02)
Ohio	1.5(1.44 - 1.55)
Oklahoma	1.51(1.41 - 1.62)
Oregon	1.19(1.1 - 1.27)
Pennsylvania	1.32(1.27 - 1.36)

Rhode Island	1.69(1.5 - 1.87)
South Carolina	0.9(0.83 - 0.97)
South Dakota	1.43(1.23 - 1.62)
Tennessee	1.23(1.16 - 1.3)
Texas	1.15(1.11 - 1.19)
Utah	0.8(0.7 - 0.91)
Vermont	1.83(1.58 - 2.09)
Virginia	0.8(0.75 - 0.85)
Washington	1.21(1.14 - 1.28)
West Virginia	1.79(1.64 - 1.93)
Wisconsin	1.24(1.17 - 1.31)
Wyoming	1.19(0.97 - 1.46)

Supplementary Table 7: Leukemia and Ischemic Heart Disease–Related Age-Adjusted Mortality Rates per 100,000 in Urban and Rural Areas in the United States (1999–2020)

Year	Age-Adjusted Rate (95% CI)	
	Urban or Metropolitan	Rural or Non-Metropolitan
1999	1.38(1.32 - 1.44)	1.50(1.37 - 1.63)
2000	1.33(1.27 - 1.38)	1.67(1.53 - 1.81)
2001	1.28(1.22 - 1.34)	1.41(1.28 - 1.54)
2002	1.29(1.23 - 1.35)	1.49(1.36 - 1.62)
2003	1.26(1.20 - 1.32)	1.58(1.45 - 1.71)
2004	1.23(1.18 - 1.29)	1.50(1.38 - 1.63)
2005	1.23(1.17 - 1.28)	1.51(1.38 - 1.63)
2006	1.18(1.12 - 1.23)	1.42(1.30 - 1.54)
2007	1.16(1.11 - 1.21)	1.45(1.32 - 1.58)
2008	1.13(1.08 - 1.18)	1.43(1.31 - 1.55)
2009	1.05(1.00 - 1.10)	1.39(1.28 - 1.51)
2010	1.10(1.05 - 1.15)	1.39(1.28 - 1.51)
2011	1.04(0.99 - 1.09)	1.34(1.23 - 1.46)
2012	1.00(0.95 - 1.05)	1.23(1.12 - 1.35)
2013	1.01(0.97 - 1.06)	1.16(1.06 - 1.27)
2014	0.98(0.94 - 1.03)	1.27(1.16 - 1.38)
2015	0.94(0.90 - 0.98)	1.14(1.04 - 1.25)
2016	0.88(0.84 - 0.92)	1.21(1.11 - 1.32)
2017	0.90(0.86 - 0.95)	1.23(1.12 - 1.33)
2018	0.90(0.86 - 0.94)	1.15(1.05 - 1.25)
2019	0.94(0.90 - 0.98)	1.17(1.07 - 1.27)
2020	1.02(0.98 - 1.07)	1.46(1.34 - 1.57)
Average Age-Adjusted Rate	1.10(1.05 - 1.15)	1.37(1.25 - 1.49)

Supplementary Table 8: Number of Leukemia and Ischemic Heart Disease–Related Deaths, Stratified by Place of Death in the United States (1999–2020)

Place of Death	Deaths	% of Total Deaths
Medical Facility - Inpatient	22014	41.07%
Medical Facility - Outpatient or ER	3031	5.65%
Medical Facility - Dead on Arrival	222	0.41%
Medical Facility - Status unknown	38	0.07%
Decedent's home	14919	27.83%
Hospice facility	2280	4.25%
Nursing home/long term care	9130	17.03%
Other	1870	3.49%
Place of death unknown	99	0.18%