

## Supplemental Tables

**Supplemental Table 1. Descriptive Statistics of Subjects Excluded for Incomplete Coordinate Data**

Characteristic <sup>a</sup>	Category	Cases	Controls	<i>p</i>
n		85	502	
Birth year	1997-1999	31 (36.5%)	181 (36.1%)	0.74
	2000-2002	19 (22.4%)	129 (25.7%)	
	2003-2005	16 (18.8%)	103 (20.5%)	
	2006-2007	19 (22.4%)	89 (17.7%)	
Age at diagnosis (years)	0-1	27 (31.8%)	NA	0.86
	2-6	49 (57.6%)	NA	
	>6	9 (10.6%)	NA	
Sex	Male	49 (57.6%)	298 (59.4%)	0.27
	Female	36 (42.4%)	204 (40.6%)	
Age of mother (years)	Mean (SD)	27.74 (6.91)	26.84 (6.37)	0.56
Age of father (years)	Mean (SD)	30.31 (7.49)	29.78 (7.24)	0.88
Race/ethnicity of mother	White, non-Hispanic	31 (36.5%)	157 (31.3%)	0.49
	Hispanic	35 (41.2%)	247 (49.2%)	
	Black, NH	5 (5.9%)	24 (4.8%)	
	Asian & Pacific Islander, NH	5 (5.9%)	33 (6.6%)	
	Alaskan & Native American, NH1	1 (1.2%)	5 (1.0%)	
	Other	8 (9.4%)	36 (7.2%)	
Race/ethnicity of father	White, non-Hispanic	29 (34.1%)	130 (25.9%)	0.74
	Hispanic	29 (34.1%)	216 (43.0%)	
	Black, NH	6 (7.1%)	24 (4.8%)	
	Asian & Pacific Islander, NH	3 (3.5%)	30 (6.0%)	
	Alaskan & Native American, NH2	2 (2.4%)	6 (1.2%)	
	Other	16 (18.8%)	96 (19.1%)	

<sup>a</sup> Since these subjects could not be geocoded, we could not assign them to a block group; therefore, we do not have neighborhood census data for them (ie. median income, education or population density).

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable)

**Supplemental Table 2. Demographic Characteristics of the Lymphoid Leukemias Dataset (ICCCMDG Code: 11)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		2014	7980	NA
Birth year	1997-1999	708 (35.2%)	2797 (35.1%)	1.000
	2000-2002	601 (29.8%)	2386 (29.9%)	NA
	2003-2005	516 (25.6%)	2049 (25.7%)	NA
	2006-2007	189 (9.4%)	748 (9.4%)	NA
Age at diagnosis (years)	0-1	324 (16.1%)	NA	NA
	2-6	1444 (71.7%)	NA	NA
	>6	246 (12.2%)	NA	NA
Sex	Male	1118 (55.5%)	4437 (55.6%)	0.962
	Female	896 (44.5%)	3543 (44.4%)	NA
Age of mother (years)	Mean (SD)	28.36 (6.46)	27.89 (6.35)	0.003
Age of father (years)	Mean (SD)	31.02 (7.06)	30.73 (7.12)	0.118
Median household income	Mean (SD)	48707.66 (23697.02)	47788.51 (23718.03)	0.120
Adults without a GED	Mean (SD)	0.30 (0.22)	0.31 (0.22)	0.254
Population density	Mean (SD)	0.00386 (0.00378)	0.00415 (0.00445)	0.003
Race/ethnicity of mother	White, non-Hispanic	623 (30.9%)	2469 (30.9%)	0.949
	Hispanic	1050 (52.1%)	4125 (51.7%)	NA
	Black, NH	67 (3.3%)	272 (3.4%)	NA
	Asian & Pacific Islander, NH	205 (10.2%)	844 (10.6%)	NA
	Alaskan & Native American, NH	11 (0.5%)	32 (0.4%)	NA
	Other	58 (2.9%)	238 (3.0%)	NA
Race/ethnicity of father	White, non-Hispanic	641 (31.8%)	2369 (29.7%)	0.353
	Hispanic	968 (48.1%)	3832 (48.0%)	NA
	Black, NH	75 (3.7%)	351 (4.4%)	NA
	Asian & Pacific Islander, NH	167 (8.3%)	721 (9.0%)	NA
	Alaskan & Native American, NH	7 (0.3%)	31 (0.4%)	NA
	Other	156 (7.7%)	676 (8.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 3. Demographic Characteristics of the Lymphoid Leukemias Dataset, Ages 0 to 1 (ICCCMDG Code: 11)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		324	1285	NA
Birth year	1997-1999	99 (30.6%)	389 (30.3%)	0.999
	2000-2002	78 (24.1%)	313 (24.4%)	NA
	2003-2005	91 (28.1%)	359 (27.9%)	NA
	2006-2007	56 (17.3%)	224 (17.4%)	NA
Age at diagnosis	0-1	324 (100%)	NA	NA
	2-6	NA	NA	NA
	>6	NA	NA	NA
Sex	Male	175 (54.0%)	691 (53.8%)	0.988
	Female	149 (46.0%)	594 (46.2%)	NA
Age of mother	Mean (SD)	28.6 (6.31)	28.18 (6.31)	0.282
Age of father	Mean (SD)	31.66 (7.14)	31 (6.93)	0.145
Median household income	Mean (SD)	47366.49 (22957.93)	48305.99 (23797.2)	0.514
Adults without a GED	Mean (SD)	0.31 (0.23)	0.30 (0.22)	0.725
Population density	Mean (SD)	0.00375 (0.00368)	0.00403 (0.00440)	0.240
Race/ethnicity of mother	White, non-Hispanic	98 (30.2%)	388 (30.2%)	0.981
	Hispanic	163 (50.3%)	644 (50.1%)	NA
	Black, NH	10 (3.1%)	42 (3.3%)	NA
	Asian & Pacific Islander, NH	34 (10.5%)	136 (10.6%)	NA
	Alaskan & Native American, NH	2 (0.6%)	4 (0.3%)	NA
	Other	17 (5.2%)	71 (5.5%)	NA
Race/ethnicity of father	White, non-Hispanic	104 (32.1%)	377 (29.3%)	0.633
	Hispanic	154 (47.5%)	600 (46.7%)	NA
	Black, NH	10 (3.1%)	51 (4.0%)	NA
	Asian & Pacific Islander, NH	26 (8.0%)	118 (9.2%)	NA
	Alaskan & Native American, NH	0 (0.0%)	9 (0.7%)	NA
	Other	30 (9.3%)	130 (10.1%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 4. Demographic Characteristics of the Lymphoid Leukemias Dataset, Ages 2 to 6 (ICCCMDG Code: 11)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		1444	5720	NA
Birth year	1997-1999	453 (31.4%)	1793 (31.3%)	1.000
	2000-2002	442 (30.6%)	1748 (30.6%)	NA
	2003-2005	416 (28.8%)	1655 (28.9%)	NA
	2006-2007	133 (9.2%)	524 (9.2%)	NA
Age at diagnosis	0-1	NA	NA	NA
	2-6	1444 (100.0%)	NA	NA
	>6	NA	NA	NA
Sex	Male	804 (55.7%)	3189 (55.8%)	0.984
	Female	640 (44.3%)	2531 (44.2%)	NA
Age of mother	Mean (SD)	28.46 (0.51)	27.90 (6.35)	0.003
Age of father	Mean (SD)	31.04 (7.11)	30.73 (7.17)	0.149
Median household income	Mean (SD)	49784.83 (24071.64)	48108.61 (23901.34)	0.018
Adults without a GED	Mean (SD)	0.29 (0.21)	0.30 (0.22)	0.074
Population density	Mean (SD)	0.00384 (0.00379)	0.00411 (0.00443)	0.021
Race/ethnicity of mother	White, non-Hispanic	466 (32.3%)	1847 (32.3%)	0.997
	Hispanic	741 (51.3%)	2904 (50.8%)	NA
	Black, NH	44 (3%)	176 (3.1%)	NA
	Asian & Pacific Islander, NH	148 (10.2%)	618 (10.8%)	NA
	Alaskan & Native American, NH	5 (0.3%)	23 (0.4%)	NA
	Other	40 (2.8%)	152 (2.7%)	NA
Race/ethnicity of father	White, non-Hispanic	480 (33.2%)	1763 (30.8%)	0.594
	Hispanic	674 (46.7%)	2706 (47.3%)	NA
	Black, NH	55 (3.8%)	236 (4.1%)	NA
	Asian & Pacific Islander, NH	120 (8.3%)	518 (9.1%)	NA
	Alaskan & Native American, NH	6 (0.4%)	18 (0.3%)	NA
	Other	109 (7.5%)	479 (8.4%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 5. Demographic Characteristics of the Lymphoid Leukemias Dataset, Hispanic (ICCCMDG Code: 11)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		1050	4125	NA
Birth year	1997-1999	378 (36.0%)	1458 (35.3%)	0.974
	2000-2002	299 (28.5%)	1192 (28.9%)	NA
	2003-2005	278 (26.5%)	1108 (26.9%)	NA
	2006-2007	95 (9.0%)	367 (8.9%)	NA
Age at diagnosis	0-1	163 (15.5%)	NA	NA
	2-6	741 (70.6%)	NA	NA
	>6	146 (13.9%)	NA	NA
Sex	Male	569 (54.2%)	2274 (55.1%)	0.610
	Female	481 (45.8%)	1851 (44.9%)	NA
Age of mother	Mean (SD)	26.8 (6.34)	26.37 (6.12)	0.047
Age of father	Mean (SD)	29.35 (6.69)	29.11 (6.8)	0.327
Median household income	Mean (SD)	40268.9 (16679.6)	39234.52 (16800.83)	0.073
Adults without a GED	Mean (SD)	0.41 (0.22)	0.42 (0.21)	0.035
Population density	Mean (SD)	0.00470 (0.00438)	0.00508 (0.00487)	0.014
Race/ethnicity of mother	White, non-Hispanic	NA	NA	NA
	Hispanic	1050 (100%)	4125 (100%)	NA
	Black, NH	NA	NA	NA
	Asian & Pacific Islander, NH	NA	NA	NA
	Alaskan & Native American, NH	NA	NA	NA
	Other	NA	NA	NA
Race/ethnicity of father	White, non-Hispanic	90 (8.6%)	316 (7.7%)	0.802
	Hispanic	869 (82.8%)	3421 (82.9%)	NA
	Black, NH	15 (1.4%)	66 (1.6%)	NA
	Asian & Pacific Islander, NH	6 (0.6%)	33 (0.8%)	NA
	Alaskan & Native American, NH	2 (0.2%)	11 (0.3%)	NA
	Other	68 (6.5%)	278 (6.7%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 6. Demographic Characteristics of the Acute Myeloid Leukemias Dataset (ICCCMDG Code: 12)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		321	1290	NA
Birth year	1997-1999	91 (28.3%)	372 (28.8%)	0.973
	2000-2002	98 (30.5%)	387 (30%)	NA
	2003-2005	80 (24.9%)	311 (24.1%)	NA
	2006-2007	52 (16.2%)	220 (17.1%)	NA
Age at diagnosis	0-1	179 (55.8%)	NA	NA
	2-6	103 (32.1%)	NA	NA
	>6	39 (12.1%)	NA	NA
Sex	Male	172 (53.6%)	680 (52.7%)	0.828
	Female	149 (46.4%)	610 (47.3%)	NA
Age of mother	Mean (SD)	28.65 (6.87)	27.91 (6.15)	0.077
Age of father	Mean (SD)	31.09 (7.25)	30.75 (7.12)	0.463
Median household income	Mean (SD)	46719.69 (22578.25)	48227.48 (24300.86)	0.292
Adults without a GED	Mean (SD)	0.30 (0.21)	0.30 (0.22)	0.945
Population density	Mean (SD)	0.004 (0.00365)	0.00398 (0.00411)	0.955
Race/ethnicity of mother	White, non-Hispanic	101 (31.5%)	391 (30.3%)	0.927
	Hispanic	155 (48.3%)	633 (49.1%)	NA
	Black, NH	12 (3.7%)	52 (4.0%)	NA
	Asian & Pacific Islander, NH	36 (11.2%)	141 (10.9%)	NA
	Alaskan & Native American, NH	2 (0.6%)	5 (0.4%)	NA
	Other	15 (4.7%)	68 (5.3%)	NA
Race/ethnicity of father	White, non-Hispanic	88 (27.4%)	376 (29.1%)	0.336
	Hispanic	146 (45.5%)	584 (45.3%)	NA
	Black, NH	19 (5.9%)	53 (4.1%)	NA
	Asian & Pacific Islander, NH	37 (11.5%)	131 (10.2%)	NA
	Alaskan & Native American, NH	0 (0%)	3 (0.2%)	NA
	Other	31 (9.7%)	143 (11.1%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 7. Demographic Characteristics of the Hodgkin Lymphomas Dataset (ICCCMDG Code: 21)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		85	332	NA
Birth year	1997-1999	57 (67.1%)	221 (66.6%)	1.000
	2000-2002	17 (20.0%)	67 (20.2%)	NA
	2003-2005	10 (11.8%)	40 (12.0%)	NA
	2006-2007	1 (1.2%)	4 (1.2%)	NA
Age at diagnosis	0-1	0 (0.0%)	NA	NA
	2-6	32 (37.6%)	NA	NA
	>6	53 (62.4%)	NA	NA
Sex	Male	62 (72.9%)	241 (72.6%)	1.000
	Female	23 (27.1%)	91 (27.4%)	NA
Age of mother	Mean (SD)	26.49 (5.87)	27.38 (6.04)	0.220
Age of father	Mean (SD)	30.09 (6.89)	30.83 (7.28)	0.402
Median household income	Mean (SD)	43851.84 (19548.71)	46527.6 (23942.42)	0.285
Adults without a GED	Mean (SD)	0.33 (0.20)	0.32 (0.22)	0.798
Population density	Mean (SD)	0.00374 (0.00391)	0.0043 (0.00419)	0.250
Race/ethnicity of mother	White, non-Hispanic	23 (27.1%)	95 (28.6%)	0.919
	Hispanic	45 (52.9%)	166 (50.0%)	NA
	Black, NH	9 (10.6%)	36 (10.8%)	NA
	Asian & Pacific Islander, NH	7 (8.2%)	33 (9.9%)	NA
	Alaskan & Native American, NH	0 (0.0%)	1 (0.3%)	NA
	Other	1 (1.2%)	1 (0.3%)	NA
Race/ethnicity of father	White, non-Hispanic	22 (25.9%)	92 (27.7%)	0.864
	Hispanic	41 (48.2%)	151 (45.5%)	NA
	Black, NH	11 (12.9%)	31 (9.3%)	NA
	Asian & Pacific Islander, NH	5 (5.9%)	31 (9.3%)	NA
	Alaskan & Native American, NH	0 (0.0%)	2 (0.6%)	NA
	Other	6 (7.1%)	25 (7.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 8. Demographic Characteristics of the Non-Hodgkin Lymphomas Dataset (ICCCMDG Code: 22)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		166	651	NA
Birth year	1997-1999	74 (44.6%)	290 (44.5%)	1.000
	2000-2002	52 (31.3%)	205 (31.5%)	NA
	2003-2005	27 (16.3%)	106 (16.3%)	NA
	2006-2007	13 (7.8%)	50 (7.7%)	NA
Age at diagnosis	0-1	16 (9.6%)	NA	NA
	2-6	86 (51.8%)	NA	NA
	>6	64 (38.6%)	NA	NA
Sex	Male	103 (62.0%)	408 (62.7%)	0.953
	Female	63 (38.0%)	243 (37.3%)	NA
Age of mother	Mean (SD)	27.72 (6.46)	27.99 (0.14)	0.632
Age of father	Mean (SD)	30.64 (7.08)	30.94 (0.86)	0.651
Median household income	Mean (SD)	49354.89 (24363.07)	48940.87 (24243.47)	0.845
Adults without a GED	Mean (SD)	0.29 (0.22)	0.29 (0.22)	0.869
Population density	Mean (SD)	0.0041 (0.00355)	0.00392 (0.0036)	0.565
Race/ethnicity of mother	White, non-Hispanic	58 (34.9%)	215 (33.0%)	0.799
	Hispanic	66 (39.8%)	276 (42.4%)	NA
	Black, NH	10 (6.0%)	37 (5.7%)	NA
	Asian & Pacific Islander, NH	25 (15.1%)	95 (14.6%)	NA
	Alaskan & Native American, NH	0 (0.0%)	8 (1.2%)	NA
	Other	7 (4.2%)	20 (3.1%)	NA
Race/ethnicity of father	White, non-Hispanic	46 (27.7%)	206 (31.6%)	0.339
	Hispanic	71 (42.8%)	265 (40.7%)	NA
	Black, NH	9 (5.4%)	44 (6.8%)	NA
	Asian & Pacific Islander, NH	19 (11.4%)	84 (12.9%)	NA
	Alaskan & Native American, NH	0 (0.0%)	4 (0.6%)	NA
	Other	21 (12.7%)	48 (7.4%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)



**Supplemental Table 9. Demographic Characteristics of the Burkitt Lymphoma Dataset (ICCCMDG Code: 23)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		76	307	NA
Birth year	1997-1999	40 (52.6%)	161 (52.4%)	1.000
	2000-2002	19 (25%)	78 (25.4%)	NA
	2003-2005	13 (17.1%)	52 (16.9%)	NA
	2006-2007	4 (5.3%)	16 (5.2%)	NA
Age at diagnosis	0-1	1 (1.3%)	NA	NA
	2-6	52 (68.4%)	NA	NA
	>6	23 (30.3%)	NA	NA
Sex	Male	68 (89.5%)	275 (89.6%)	1.000
	Female	8 (10.5%)	32 (10.4%)	NA
Age of mother	Mean (SD)	28.63 (6.1)	28.98 (6.32)	0.661
Age of father	Mean (SD)	31.55 (7.5)	31.65 (7.46)	0.915
Median household income	Mean (SD)	53143.38 (24812.21)	49181.62 (23645.36)	0.211
Adults without a GED	Mean (SD)	0.26 (0.21)	0.26 (0.21)	0.952
Population density	Mean (SD)	0.00295 (0.00268)	0.00343 (0.00302)	0.176
Race/ethnicity of mother	White, non-Hispanic	43 (56.6%)	164 (53.4%)	0.978
	Hispanic	21 (27.6%)	95 (30.9%)	NA
	Black, NH	3 (3.9%)	12 (3.9%)	NA
	Asian & Pacific Islander, NH	9 (11.8%)	36 (11.7%)	NA
	Alaskan & Native American, NH	0 (0.0%)	0 (0.0%)	NA
	Other	0 (0.0%)	0 (0.0%)	NA
Race/ethnicity of father	White, non-Hispanic	42 (55.3%)	146 (47.6%)	0.615
	Hispanic	20 (26.3%)	91 (29.6%)	NA
	Black, NH	3 (3.9%)	10 (3.3%)	NA
	Asian & Pacific Islander, NH	9 (11.8%)	40 (13.0%)	NA
	Alaskan & Native American, NH	0 (0.0%)	3 (1.0%)	NA
	Other	2 (2.6%)	17 (5.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 10. Demographic Characteristics of the Miscellaneous Lymphoreticular Neoplasms Dataset (ICCCMDG Code: 24)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		73	293	NA
Birth year	1997-1999	20 (27.4%)	75 (25.6%)	0.976
	2000-2002	21 (28.8%)	81 (27.6%)	NA
	2003-2005	20 (27.4%)	85 (29%)	NA
	2006-2007	12 (16.4%)	52 (17.7%)	NA
Age at diagnosis	0-1	58 (79.5%)	NA	NA
	2-6	14 (19.2%)	NA	NA
	>6	1 (1.4%)	NA	NA
Sex	Male	33 (45.2%)	133 (45.4%)	1.000
	Female	40 (54.8%)	160 (54.6%)	NA
Age of mother	Mean (SD)	27.92 (5.66)	28 (6.18)	0.917
Age of father	Mean (SD)	30.61 (6.94)	30.95 (7.44)	0.726
Median household income	Mean (SD)	43690.59 (20178.69)	48365.95 (24173.33)	0.092
Adults without a GED	Mean (SD)	0.33 (0.23)	0.31 (0.22)	0.627
Population density	Mean (SD)	0.0043 (0.00412)	0.00418 (0.00424)	0.818
Race/ethnicity of mother	White, non-Hispanic	16 (21.9%)	62 (21.2%)	0.929
	Hispanic	41 (56.2%)	169 (57.7%)	NA
	Black, NH	0 (0.0%)	0 (0.0%)	NA
	Asian & Pacific Islander, NH	12 (16.4%)	41 (14.0%)	NA
	Alaskan & Native American, NH	1 (1.4%)	2 (0.7%)	NA
	Other	3 (4.1%)	19 (6.5%)	NA
Race/ethnicity of father	White, non-Hispanic	15 (20.5%)	58 (19.8%)	0.210
	Hispanic	42 (57.5%)	147 (50.2%)	NA
	Black, NH	3 (4.1%)	3 (1.0%)	NA
	Asian & Pacific Islander, NH	8 (11.0%)	36 (12.3%)	NA
	Alaskan & Native American, NH	0 (0.0%)	4 (1.4%)	NA
	Other	5 (6.8%)	45 (15.4%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 11. Demographic Characteristics of the Ependymomas and Choroid Plexus Tumor Dataset (ICCCMDG Code: 31)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		146	575	NA
Birth year	1997-1999	43 (29.5%)	174 (30.3%)	0.998
	2000-2002	41 (28.1%)	159 (27.7%)	NA
	2003-2005	39 (26.7%)	152 (26.4%)	NA
	2006-2007	23 (15.8%)	90 (15.7%)	NA
Age at diagnosis	0-1	57 (39%)	NA	NA
	2-6	76 (52.1%)	NA	NA
	>6	13 (8.9%)	NA	NA
Sex	Male	85 (58.2%)	337 (58.6%)	1.000
	Female	61 (41.8%)	238 (41.4%)	NA
Age of mother	Mean (SD)	28.93 (7.11)	27.83 (6.15)	0.088
Age of father	Mean (SD)	31.97 (0.42)	30.78 (6.75)	0.128
Median household income	Mean (SD)	50085.05 (29054.46)	47331.72 (23601.58)	0.291
Adults without a GED	Mean (SD)	0.27 (0.21)	0.32 (0.23)	0.017
Population density	Mean (SD)	0.0039 (0.00389)	0.00418 (0.00483)	0.465
Race/ethnicity of mother	White, non-Hispanic	49 (33.6%)	169 (29.4%)	0.836
	Hispanic	70 (47.9%)	290 (50.4%)	NA
	Black, NH	11 (7.5%)	45 (7.8%)	NA
	Asian & Pacific Islander, NH	8 (5.5%)	37 (6.4%)	NA
	Alaskan & Native American, NH	1 (0.7%)	5 (0.9%)	NA
	Other	7 (4.8%)	29 (5.0%)	NA
Race/ethnicity of father	White, non-Hispanic	42 (28.8%)	144 (25.0%)	0.829
	Hispanic	68 (46.6%)	275 (47.8%)	NA
	Black, NH	14 (9.6%)	55 (9.6%)	NA
	Asian & Pacific Islander, NH	7 (4.8%)	34 (5.9%)	NA
	Alaskan & Native American, NH	0 (0.0%)	2 (0.3%)	NA
	Other	15 (10.3%)	65 (11.3%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 12. Demographic Characteristics of the Astrocytomas Dataset (ICCCMDG Code: 32)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		535	2123	NA
Birth year	1997-1999	200 (37.4%)	803 (37.8%)	0.993
	2000-2002	177 (33.1%)	699 (32.9%)	NA
	2003-2005	112 (20.9%)	446 (21%)	NA
	2006-2007	46 (8.6%)	175 (8.2%)	NA
Age at diagnosis	0-1	108 (20.2%)	NA	NA
	2-6	314 (58.7%)	NA	NA
	>6	113 (21.1%)	NA	NA
Sex	Male	271 (50.7%)	1072 (50.5%)	0.986
	Female	264 (49.3%)	1051 (49.5%)	NA
Age of mother	Mean (SD)	28.64 (6.23)	27.9 (6.24)	0.014
Age of father	Mean (SD)	31.43 (7.24)	30.79 (6.98)	0.072
Median household income	Mean (SD)	53736.7 (27008.21)	49301.6 (24167.54)	0.001
Adults without a GED	Mean (SD)	0.25 (0.20)	0.28 (0.22)	0.000
Population density	Mean (SD)	0.00344 (0.00398)	0.00376 (0.00391)	0.100
Race/ethnicity of mother	White, non-Hispanic	242 (45.2%)	906 (42.7%)	0.937
	Hispanic	204 (38.1%)	861 (40.6%)	NA
	Black, NH	27 (5.0%)	110 (5.2%)	NA
	Asian & Pacific Islander, NH	43 (8.0%)	178 (8.4%)	NA
	Alaskan & Native American, NH	2 (0.4%)	5 (0.2%)	NA
	Other	17 (3.2%)	63 (3%)	NA
Race/ethnicity of father	White, non-Hispanic	225 (42.1%)	819 (38.6%)	0.686
	Hispanic	205 (38.3%)	830 (39.1%)	NA
	Black, NH	33 (6.2%)	129 (6.1%)	NA
	Asian & Pacific Islander, NH	34 (6.4%)	176 (8.3%)	NA
	Alaskan & Native American, NH	2 (0.4%)	10 (0.5%)	NA
	Other	36 (6.7%)	159 (7.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 13. Demographic Characteristics of the Intracranial and Intraspinal Embryonal Tumors Dataset (ICCCMDG Code: 33)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		333	1316	NA
Birth year	1997-1999	115 (34.5%)	462 (35.1%)	0.996
	2000-2002	93 (27.9%)	368 (28%)	NA
	2003-2005	82 (24.6%)	317 (24.1%)	NA
	2006-2007	43 (12.9%)	169 (12.8%)	NA
Age at diagnosis	0-1	110 (33.0%)	NA	NA
	2-6	167 (50.2%)	NA	NA
	>6	56 (16.8%)	NA	NA
Sex	Male	192 (57.7%)	750 (57%)	0.875
	Female	141 (42.3%)	566 (43%)	NA
Age of mother	Mean (SD)	28.37 (6.55)	28.03 (6.21)	0.390
Age of father	Mean (SD)	31.50 (7.23)	30.95 (6.87)	0.225
Median household income	Mean (SD)	51945.44 (25085.86)	50144.7 (27033.36)	0.250
Adults without a GED	Mean (SD)	0.25 (0.19)	0.28 (0.22)	0.011
Population density	Mean (SD)	0.0033 (0.00312)	0.00387 (0.00399)	0.005
Race/ethnicity of mother	White, non-Hispanic	138 (41.4%)	533 (40.5%)	0.867
	Hispanic	146 (43.8%)	579 (44%)	NA
	Black, NH	14 (4.2%)	55 (4.2%)	NA
	Asian & Pacific Islander, NH	26 (7.8%)	108 (8.2%)	NA
	Alaskan & Native American, NH	1 (0.3%)	3 (0.2%)	NA
	Other	8 (2.4%)	38 (2.9%)	NA
Race/ethnicity of father	White, non-Hispanic	134 (40.2%)	490 (37.2%)	0.403
	Hispanic	135 (40.5%)	529 (40.2%)	NA
	Black, NH	18 (5.4%)	73 (5.5%)	NA
	Asian & Pacific Islander, NH	22 (6.6%)	107 (8.1%)	NA
	Alaskan & Native American, NH	1 (0.3%)	4 (0.3%)	NA
	Other	23 (6.9%)	113 (8.6%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 14. Demographic Characteristics of the Other Gliomas Dataset (ICCCMDG Code: 34)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		159	637	NA
Birth year	1997-1999	69 (43.4%)	274 (43.0%)	0.998
	2000-2002	43 (27.0%)	173 (27.2%)	NA
	2003-2005	36 (22.6%)	148 (23.2%)	NA
	2006-2007	11 (6.9%)	42 (6.6%)	NA
Age at diagnosis	0-1	19 (11.9%)	NA	NA
	2-6	98 (61.6%)	NA	NA
	>6	42 (26.4%)	NA	NA
Sex	Male	74 (46.5%)	299 (46.9%)	0.999
	Female	85 (53.5%)	338 (53.1%)	NA
Age of mother	Mean (SD)	29.02 (6.53)	27.81 (6.43)	0.037
Age of father	Mean (SD)	32.22 (7.69)	30.68 (6.95)	0.028
Median household income	Mean (SD)	50961.06 (22779.61)	48837.8 (24682.22)	0.302
Adults without a GED	Mean (SD)	0.28 (0.21)	0.29 (0.22)	0.479
Population density	Mean (SD)	0.00386 (0.00303)	0.00382 (0.0039)	0.895
Race/ethnicity of mother	White, non-Hispanic	63 (39.6%)	233 (36.6%)	0.985
	Hispanic	65 (40.9%)	283 (44.4%)	NA
	Black, NH	8 (5.0%)	32 (5.0%)	NA
	Asian & Pacific Islander, NH	18 (11.3%)	70 (11.0%)	NA
	Alaskan & Native American, NH	0 (0.0%)	1 (0.2%)	NA
	Other	5 (3.1%)	18 (2.8%)	NA
Race/ethnicity of father	White, non-Hispanic	56 (35.2%)	227 (35.6%)	0.899
	Hispanic	62 (39.0%)	261 (41.0%)	NA
	Black, NH	10 (6.3%)	31 (4.9%)	NA
	Asian & Pacific Islander, NH	18 (11.3%)	67 (10.5%)	NA
	Alaskan & Native American, NH	0 (0.0%)	3 (0.5%)	NA
	Other	13 (8.2%)	48 (7.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 15. Demographic Characteristics of the Neuroblastoma and Ganglioneuroblastoma Dataset (ICCCMDG Code: 41)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		529	2096	NA
Birth year	1997-1999	148 (28.0%)	586 (28.0%)	0.997
	2000-2002	140 (26.5%)	564 (26.9%)	NA
	2003-2005	166 (31.4%)	651 (31.1%)	NA
	2006-2007	75 (14.2%)	295 (14.1%)	NA
Age at diagnosis	0-1	326 (61.6%)	NA	NA
	2-6	187 (35.3%)	NA	NA
	>6	16 (3.0%)	NA	NA
Sex	Male	306 (57.8%)	1205 (57.5%)	0.922
	Female	223 (42.2%)	891 (42.5%)	NA
Age of mother	Mean (SD)	28.11 (6.38)	28.34 (6.24)	0.457
Age of father	Mean (SD)	30.89 (7.25)	31.42 (7.2)	0.139
Median household income	Mean (SD)	50884.01 (26054.15)	49968.3 (25748.05)	0.469
Adults without a GED	Mean (SD)	0.27 (0.21)	0.28 (0.22)	0.114
Population density	Mean (SD)	0.00388 (0.00478)	0.0038 (0.00398)	0.718
Race/ethnicity of mother	White, non-Hispanic	233 (44.0%)	877 (41.8%)	0.868
	Hispanic	195 (36.9%)	826 (39.4%)	NA
	Black, NH	30 (5.7%)	117 (5.6%)	NA
	Asian & Pacific Islander, NH	46 (8.7%)	187 (8.9%)	NA
	Alaskan & Native American, NH	2 (0.4%)	3 (0.1%)	NA
	Other	23 (4.3%)	86 (4.1%)	NA
Race/ethnicity of father	White, non-Hispanic	210 (39.7%)	812 (38.7%)	0.905
	Hispanic	189 (35.7%)	781 (37.3%)	NA
	Black, NH	38 (7.2%)	122 (5.8%)	NA
	Asian & Pacific Islander, NH	40 (7.6%)	171 (8.2%)	NA
	Alaskan & Native American, NH	4 (0.8%)	13 (0.6%)	NA
	Other	48 (9.1%)	197 (9.4%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 16. Demographic Characteristics of the Retinoblastoma Dataset (ICCCMDG Code: 50)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		293	1142	NA
Birth year	1997-1999	82 (28.0%)	322 (28.2%)	1.000
	2000-2002	77 (26.3%)	301 (26.4%)	NA
	2003-2005	86 (29.4%)	335 (29.3%)	NA
	2006-2007	48 (16.4%)	184 (16.1%)	NA
Age at diagnosis	0-1	207 (70.6%)	NA	NA
	2-6	82 (28.0%)	NA	NA
	>6	4 (1.4%)	NA	NA
Sex	Male	167 (57.0%)	654 (57.3%)	0.986
	Female	126 (43.0%)	488 (42.7%)	NA
Age of mother	Mean (SD)	28.12 (6.29)	27.79 (6.52)	0.432
Age of father	Mean (SD)	31.04 (7.34)	30.77 (7.19)	0.579
Median household income	Mean (SD)	48609.37 (26731.04)	47313.37 (22817.53)	0.447
Adults without a GED	Mean (SD)	0.32 (0.22)	0.31 (0.22)	0.438
Population density	Mean (SD)	0.00432 (0.00442)	0.00405 (0.00383)	0.333
Race/ethnicity of mother	White, non-Hispanic	87 (29.7%)	325 (28.5%)	0.992
	Hispanic	148 (50.5%)	575 (50.4%)	NA
	Black, NH	14 (4.8%)	56 (4.9%)	NA
	Asian & Pacific Islander, NH	28 (9.6%)	123 (10.8%)	NA
	Alaskan & Native American, NH	2 (0.7%)	5 (0.4%)	NA
	Other	14 (4.8%)	58 (5.1%)	NA
Race/ethnicity of father	White, non-Hispanic	82 (28.0%)	319 (27.9%)	0.879
	Hispanic	136 (46.4%)	542 (47.5%)	NA
	Black, NH	15 (5.1%)	62 (5.4%)	NA
	Asian & Pacific Islander, NH	27 (9.2%)	105 (9.2%)	NA
	Alaskan & Native American, NH	2 (0.7%)	2 (0.2%)	NA
	Other	31 (10.6%)	112 (9.8%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)



**Supplemental Table 17. Demographic Characteristics of the Nephroblastoma and Other Nonepithelial Renal Tumors Dataset (ICCCMDG Code: 61)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		415	1649	NA
Birth year	1997-1999	108 (26%)	431 (26.1%)	0.998
	2000-2002	135 (32.5%)	529 (32.1%)	NA
	2003-2005	112 (27.0%)	447 (27.1%)	NA
	2006-2007	60 (14.5%)	242 (14.7%)	NA
Age at diagnosis	0-1	147 (35.4%)	NA	NA
	2-6	246 (59.3%)	NA	NA
	>6	22 (5.3%)	NA	NA
Sex	Male	201 (48.4%)	797 (48.3%)	1.000
	Female	214 (51.6%)	852 (51.7%)	NA
Age of mother	Mean (SD)	28.68 (6.33)	27.92 (6.43)	0.030
Age of father	Mean (SD)	31.55 (7.05)	30.88 (7.33)	0.095
Median household income	Mean (SD)	50185.42 (23200.77)	47910.82 (23065.5)	0.074
Adults without a GED	Mean (SD)	0.27 (0.21)	0.30 (0.22)	0.020
Population density	Mean (SD)	0.00331 (0.00295)	0.00383 (0.00344)	0.002
Race/ethnicity of mother	White, non-Hispanic	154 (37.1%)	608 (36.9%)	0.990
	Hispanic	182 (43.9%)	725 (44%)	NA
	Black, NH	40 (9.6%)	157 (9.5%)	NA
	Asian & Pacific Islander, NH	26 (6.3%)	103 (6.2%)	NA
	Alaskan & Native American, NH	2 (0.5%)	5 (0.3%)	NA
	Other	11 (2.7%)	51 (3.1%)	NA
Race/ethnicity of father	White, non-Hispanic	151 (36.4%)	555 (33.7%)	0.675
	Hispanic	171 (41.2%)	677 (41.1%)	NA
	Black, NH	41 (9.9%)	150 (9.1%)	NA
	Asian & Pacific Islander, NH	21 (5.1%)	107 (6.5%)	NA
	Alaskan & Native American, NH	1 (0.2%)	7 (0.4%)	NA
	Other	30 (7.2%)	153 (9.3%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 18. Demographic Characteristics of the Hepatoblastoma Dataset (ICCCMDG Code: 71)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		143	568	NA
Birth year	1997-1999	36 (25.2%)	142 (25.0%)	0.999
	2000-2002	36 (25.2%)	147 (25.9%)	NA
	2003-2005	44 (30.8%)	173 (30.5%)	NA
	2006-2007	27 (18.9%)	106 (18.7%)	NA
Age at diagnosis	0-1	90 (62.9%)	NA	NA
	2-6	49 (34.3%)	NA	NA
	>6	4 (2.8%)	NA	NA
Sex	Male	87 (60.8%)	341 (60.0%)	0.936
	Female	56 (39.2%)	227 (40.0%)	NA
Age of mother	Mean (SD)	29.59 (6.99)	28.32 (6.04)	0.046
Age of father	Mean (SD)	31.98 (7.46)	31.19 (7.28)	0.268
Median household income	Mean (SD)	57516.51 (32263.85)	49379.21 (25270.41)	0.006
Adults without a GED	Mean (SD)	0.28 (0.24)	0.29 (0.21)	0.648
Population density	Mean (SD)	0.00353 (0.00327)	0.00366 (0.00337)	0.681
Race/ethnicity of mother	White, non-Hispanic	54 (37.8%)	224 (39.4%)	0.988
	Hispanic	60 (42%)	236 (41.5%)	NA
	Black, NH	5 (3.5%)	21 (3.7%)	NA
	Asian & Pacific Islander, NH	16 (11.2%)	63 (11.1%)	NA
	Alaskan & Native American, NH	0 (0%)	0 (0.0%)	NA
	Other	8 (5.6%)	24 (4.2%)	NA
Race/ethnicity of father	White, non-Hispanic	53 (37.1%)	194 (34.2%)	0.798
	Hispanic	63 (44.1%)	238 (41.9%)	NA
	Black, NH	6 (4.2%)	26 (4.6%)	NA
	Asian & Pacific Islander, NH	11 (7.7%)	53 (9.3%)	NA
	Alaskan & Native American, NH	0 (0%)	3 (0.5%)	NA
	Other	10 (7%)	54 (9.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 19. Demographic Characteristics of the Osteosarcomas Dataset (ICCCMDG Code: 81)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b>p</b>
n		72	283	NA
Birth year	1997-1999	45 (62.5%)	175 (61.8%)	0.995
	2000-2002	21 (29.2%)	84 (29.7%)	NA
	2003-2005	6 (8.3%)	24 (8.5%)	NA
	2006-2007	0 (0.0%)	0 (0.0%)	NA
Age at diagnosis	0-1	1 (1.4%)	NA	NA
	2-6	21 (29.2%)	NA	NA
	>6	50 (69.4%)	NA	NA
Sex	Male	40 (55.6%)	157 (55.5%)	1.000
	Female	32 (44.4%)	126 (44.5%)	NA
Age of mother	Mean (SD)	26.81 (6.27)	27.33 (6.49)	0.532
Age of father	Mean (SD)	30.7 (0.6)	29.99 (6.42)	0.483
Median household income	Mean (SD)	45199.15 (20651.82)	46826.28 (24139.8)	0.566
Adults without a GED	Mean (SD)	0.32 (0.24)	0.33 (0.23)	0.909
Population density	Mean (SD)	0.00463 (0.00832)	0.00421 (0.00373)	0.679
Race/ethnicity of mother	White, non-Hispanic	26 (36.1%)	102 (36.0%)	0.783
	Hispanic	31 (43.1%)	121 (42.8%)	NA
	Black, NH	9 (12.5%)	35 (12.4%)	NA
	Asian & Pacific Islander, NH	6 (8.3%)	25 (8.8%)	NA
	Alaskan & Native American, NH	0 (0.0%)	0 (0%)	NA
	Other	0 (0.0%)	0 (0.0%)	NA
Race/ethnicity of father	White, non-Hispanic	25 (34.7%)	97 (34.3%)	0.341
	Hispanic	26 (36.1%)	121 (42.8%)	NA
	Black, NH	12 (16.7%)	34 (12.0%)	NA
	Asian & Pacific Islander, NH	7 (9.7%)	14 (4.9%)	NA
	Alaskan & Native American, NH	0 (0.0%)	0 (0.0%)	NA
	Other	2 (2.8%)	21 (7.4%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 20. Demographic Characteristics of the Rhabdomyosarcomas Dataset (ICCCMDG Code: 91)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		242	967	NA
Birth year	1997-1999	93 (38.4%)	366 (37.8%)	0.982
	2000-2002	68 (28.1%)	266 (27.5%)	NA
	2003-2005	47 (19.4%)	199 (20.6%)	NA
	2006-2007	34 (14%)	136 (14.1%)	NA
Age at diagnosis	0-1	72 (29.8%)	NA	NA
	2-6	128 (52.9%)	NA	NA
	>6	42 (17.4%)	NA	NA
Sex	Male	144 (59.5%)	579 (59.9%)	0.974
	Female	98 (40.5%)	388 (40.1%)	NA
Age of mother	Mean (SD)	28.28 (6.14)	27.85 (6.34)	0.336
Age of father	Mean (SD)	31.41 (7.33)	30.69 (7.22)	0.187
Median household income	Mean (SD)	50145.42 (23793.65)	47845.24 (23666.96)	0.179
Adults without a GED	Mean (SD)	0.28 (0.2)	0.30 (0.22)	0.139
Population density	Mean (SD)	0.0036 (0.00511)	0.00396 (0.00401)	0.313
Race/ethnicity of mother	White, non-Hispanic	79 (32.6%)	302 (31.2%)	0.881
	Hispanic	108 (44.6%)	435 (45.0%)	NA
	Black, NH	18 (7.4%)	77 (8.0%)	NA
	Asian & Pacific Islander, NH	25 (10.3%)	101 (10.4%)	NA
	Alaskan & Native American, NH	1 (0.4%)	13 (1.3%)	NA
	Other	11 (4.5%)	39 (4%)	NA
Race/ethnicity of father	White, non-Hispanic	83 (34.3%)	296 (30.6%)	0.825
	Hispanic	98 (40.5%)	410 (42.4%)	NA
	Black, NH	17 (7.0%)	81 (8.4%)	NA
	Asian & Pacific Islander, NH	22 (9.1%)	83 (8.6%)	NA
	Alaskan & Native American, NH	1 (0.4%)	2 (0.2%)	NA
	Other	21 (8.7%)	95 (9.8%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 21. Demographic Characteristics of the Other Specified Soft Tissue Carcinomas (Besides Rhabdomyosarcomas and Fibrous Neoplasms) Dataset (ICCCMDG Code: 94)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		85	334	NA
Birth year	1997-1999	35 (41.2%)	139 (41.6%)	1.000
	2000-2002	22 (25.9%)	85 (25.4%)	NA
	2003-2005	16 (18.8%)	63 (18.9%)	NA
	2006-2007	12 (14.1%)	47 (14.1%)	NA
Age at diagnosis	0-1	20 (23.5%)	NA	NA
	2-6	33 (38.8%)	NA	NA
	>6	32 (37.6%)	NA	NA
Sex	Male	47 (55.3%)	183 (54.8%)	1.000
	Female	38 (44.7%)	151 (45.2%)	NA
Age of mother	Mean (SD)	28.82 (5.66)	28.01 (6.44)	0.255
Age of father	Mean (SD)	31.21 (7563945)	30.7 (7.41)	0.530
Median household income	Mean (SD)	46146.68 (21909.30)	50474.46 (23350.38)	0.111
Adults without a GED	Mean (SD)	0.29 (0.22)	0.28 (0.23)	0.517
Population density	Mean (SD)	0.00444 (0.00505)	0.00405 (0.00424)	0.512
Race/ethnicity of mother	White, non-Hispanic	34 (40%)	125 (37.4%)	0.729
	Hispanic	36 (42.4%)	149 (44.6%)	NA
	Black, NH	2 (2.4%)	10 (3.0%)	NA
	Asian & Pacific Islander, NH	10 (11.8%)	35 (10.5%)	NA
	Alaskan & Native American, NH	0 (0.0%)	1 (0.3%)	NA
	Other	3 (3.5%)	14 (4.2%)	NA
Race/ethnicity of father	White, non-Hispanic	35 (41.2%)	125 (37.4%)	0.785
	Hispanic	35 (41.2%)	139 (41.6%)	NA
	Black, NH	3 (3.5%)	11 (3.3%)	NA
	Asian & Pacific Islander, NH	4 (4.7%)	30 (9.0%)	NA
	Alaskan & Native American, NH	0 (0.0%)	3 (0.9%)	NA
	Other	8 (9.4%)	26 (7.8%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 22. Demographic Characteristics of the Malignant Extracranial and Extragonadal Germ Cell Tumors Dataset (ICCCMDG Code: 102)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		87	337	NA
Birth year	1997-1999	24 (27.6%)	95 (28.2%)	0.997
	2000-2002	32 (36.8%)	126 (37.4%)	NA
	2003-2005	20 (23%)	75 (22.3%)	NA
	2006-2007	11 (12.6%)	41 (12.2%)	NA
Age at diagnosis	0-1	72 (82.8%)	NA	NA
	2-6	12 (13.8%)	NA	NA
	>6	3 (3.4%)	NA	NA
Sex	Male	34 (39.1%)	132 (39.2%)	1.000
	Female	53 (60.9%)	205 (60.8%)	NA
Age of mother	Mean (SD)	28.01 (6.9)	28.71 (6.34)	0.396
Age of father	Mean (SD)	31.38 (7.04)	31.27 (6.58)	0.906
Median household income	Mean (SD)	50016.23 (23219.66)	52096.83 (26566.12)	0.471
Adults without a GED	Mean (SD)	0.25 (0.21)	0.27 (0.22)	0.563
Population density	Mean (SD)	0.00335 (0.00296)	0.00386 (0.00406)	0.187
Race/ethnicity of mother	White, non-Hispanic	33 (37.9%)	126 (37.4%)	0.997
	Hispanic	27 (31%)	104 (30.9%)	NA
	Black, NH	5 (5.7%)	18 (5.3%)	NA
	Asian & Pacific Islander, NH	16 (18.4%)	64 (19%)	NA
	Alaskan & Native American, NH	0 (0%)	1 (0.3%)	NA
	Other	6 (6.9%)	24 (7.1%)	NA
Race/ethnicity of father	White, non-Hispanic	29 (33.3%)	114 (33.8%)	0.919
	Hispanic	27 (31%)	110 (32.6%)	NA
	Black, NH	3 (3.4%)	14 (4.2%)	NA
	Asian & Pacific Islander, NH	13 (14.9%)	55 (16.3%)	NA
	Alaskan & Native American, NH	0 (0%)	2 (0.6%)	NA
	Other	15 (17.2%)	42 (12.5%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 23. Demographic Characteristics of the Malignant Gonadal Germ Cell Tumors Dataset (ICCCMDG Code: 103)**

Characteristic	Category	Cases	Controls	<i>p</i>
n		72	291	NA
Birth year	1997-1999	29 (40.3%)	115 (39.5%)	0.994
	2000-2002	16 (22.2%)	64 (22%)	NA
	2003-2005	12 (16.7%)	47 (16.2%)	NA
	2006-2007	15 (20.8%)	65 (22.3%)	NA
Age at diagnosis	0-1	40 (55.6%)	NA	NA
	2-6	17 (23.6%)	NA	NA
	>6	15 (20.8%)	NA	NA
Sex	Male	50 (69.4%)	204 (70.1%)	1.000
	Female	22 (30.6%)	87 (29.9%)	NA
Age of mother	Mean (SD)	28.06 (5.94)	27.22 (5.91)	0.289
Age of father	Mean (SD)	30.83 (5.86)	29.8 (6.64)	0.219
Median household income	Mean (SD)	43955.82 (19377.96)	43088.76 (19301.61)	0.734
Adults without a GED	Mean (SD)	0.36 (0.24)	0.35 (0.22)	0.669
Population density	Mean (SD)	0.00512 (0.00393)	0.00441 (0.00425)	0.184
Race/ethnicity of mother	White, non-Hispanic	9 (12.5%)	41 (14.1%)	0.976
	Hispanic	44 (61.1%)	182 (62.5%)	NA
	Black, NH	4 (5.6%)	16 (5.5%)	NA
	Asian & Pacific Islander, NH	10 (13.9%)	32 (11%)	NA
	Alaskan & Native American, NH	0 (0%)	2 (0.7%)	NA
	Other	5 (6.9%)	18 (6.2%)	NA
Race/ethnicity of father	White, non-Hispanic	8 (11.1%)	50 (17.2%)	0.672
	Hispanic	39 (54.2%)	182 (62.5%)	NA
	Black, NH	5 (6.9%)	16 (5.5%)	NA
	Asian & Pacific Islander, NH	8 (11.1%)	24 (8.2%)	NA
	Alaskan & Native American, NH	0 (0%)	0 (0%)	NA
	Other	12 (16.7%)	35 (12%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)

**Supplemental Table 24. Demographic Characteristics of the Malignant Melanomas Dataset (ICCCMDG Code: 114)**

<b>Characteristic</b>	<b>Category</b>	<b>Cases</b>	<b>Controls</b>	<b><i>p</i></b>
n		50	198	NA
Birth year	1997-1999	29 (58.0%)	114 (57.6%)	1.000
	2000-2002	9 (18.0%)	36 (18.2%)	NA
	2003-2005	10 (20.0%)	40 (20.2%)	NA
	2006-2007	2 (4.0%)	8 (4.0%)	NA
Age at diagnosis	0-1	6 (12.0%)	NA	NA
	2-6	26 (52.0%)	NA	NA
	>6	18 (36.0%)	NA	NA
Sex	Male	24 (48.0%)	95 (48.0%)	1.000
	Female	26 (52%)	103 (52.0%)	NA
Age of mother	Mean (SD)	30.22 (5.28)	28.72 (6.25)	0.087
Age of father	Mean (SD)	33.06 (6.32)	31.59 (6.81)	0.155
Median household income	Mean (SD)	60853.64 (27152.46)	52660.13 (27306.11)	0.061
Adults without a GED	Mean (SD)	0.18 (0.18)	0.25 (0.21)	0.018
Population density	Mean (SD)	0.00285 (0.00257)	0.00354 (0.00385)	0.134
Race/ethnicity of mother	White, non-Hispanic	32 (64.0%)	111 (56.1%)	0.673
	Hispanic	10 (20.0%)	56 (28.3%)	NA
	Black, NH	0 (0.0%)	0 (0.0%)	NA
	Asian & Pacific Islander, NH	6 (12.0%)	23 (11.6%)	NA
	Alaskan & Native American, NH	0 (0.0%)	2 (1.0%)	NA
	Other	2 (4.0%)	6 (3.0%)	NA
Race/ethnicity of father	White, non-Hispanic	29 (58.0%)	98 (49.5%)	0.689
	Hispanic	13 (26.0%)	51 (25.8%)	NA
	Black, NH	0 (0.0%)	4 (2.0%)	NA
	Asian & Pacific Islander, NH	6 (12.0%)	26 (13.1%)	NA
	Alaskan & Native American, NH	0 (0.0%)	2 (1.0%)	NA
	Other	2 (4.0%)	17 (8.6%)	NA

Abbreviations: SD (standard deviation), NH (non-Hispanic), NA (not applicable), GED (general education diploma)