

Appendix E-IV-1. Standardized Core Logit Models Predicting Childhood Diagnosis of Asthma

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.34 *	(0.16)	0.21 *	(0.13)	0.29 *	(0.15)	0.22 *	(0.14)
Latino male	0.19 **	(0.10)	0.12 **	(0.09)	0.18 **	(0.11)	0.15 *	(0.12)
African American female	0.53	(0.27)	0.52	(0.36)	0.56	(0.46)	0.75	(0.54)
First born in family (omitted=no)	0.80	(0.30)	1.37	(0.72)	1.01	(0.52)	1.13	(0.69)
Child was low birthweight or extremely premature (omitted=no)	2.79 *	(1.29)	1.74	(1.34)	3.64	(2.74)	10.10 **	(8.44)
Caregiver and Household Characteristics								
Number of siblings in household	0.79	(0.16)	0.67	(0.23)	0.79	(0.23)	0.95	(0.29)
Caregiver reported depressive symptomatology (omitted=no)	0.99	(0.37)	0.75	(0.41)	0.66	(0.35)	0.49	(0.29)
Caregiver age	0.21 **	(0.06)	0.27 **	(0.10)	0.26 **	(0.09)	0.12 **	(0.07)
Caregiver immigrant status (omitted=no)	0.62	(0.49)	0.92	(0.85)	0.91	(0.99)	0.56	(0.57)
Caregiver history of substance abuse (omitted=no)	0.80	(0.36)	0.21 *	(0.14)	0.29	(0.20)	0.61	(0.37)
Caregiver disability status (omitted=not disabled)	5.17 **	(2.66)	14.10 **	(13.50)	3.88	(2.88)	23.20 **	(20.90)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	2.85 *	(1.26)	1.98	(1.22)	1.97	(1.18)	4.91 *	(3.32)
Post-H.S. technical certificate or college degree	0.63	(0.34)	0.51	(0.35)	0.31	(0.24)	0.29	(0.27)
Caregiver married/partnered (omitted=not married/partnered)	8.15 **	(5.06)	31.80 **	(31.40)	7.57	(8.27)	57.00 **	(66.50)
Natural log of caregiver earnings (in dollars)	0.68	(0.26)	0.94	(0.42)	0.98	(0.53)	0.62	(0.33)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.47	(0.36)	0.65	(0.57)	0.96	(1.12)	0.62	(0.71)
Household stressor scale	0.91	(0.17)	0.78	(0.25)	0.95	(0.25)	0.81	(0.25)
Household had health insurance (omitted=no)	0.65	(0.26)	1.03	(0.57)	1.20	(0.71)	1.49	(1.13)
Total number of moves from birth to diagnosis	0.62	(0.21)	0.62	(0.19)	0.60	(0.19)	0.24 *	(0.17)
Resided in conventional public housing (omitted=no)	0.83	(0.53)	-- ^a	-- ^a	2.59	(2.55)	0.76	(0.68)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.50	(0.61)	1.73	(1.00)	2.72	(1.86)	2.35	(1.18)
Social capital index	1.15	(0.21)	1.23	(0.32)	1.43	(0.36)	1.33	(0.34)
Social problems index	1.13	(0.29)	1.79 *	(0.51)	1.57	(0.53)	1.08	(0.43)
Social vulnerability score	0.52	(0.27)	0.04 **	(0.04)	0.19 *	(0.15)	0.37	(0.27)
Percent African American residents	0.83	(0.23)	0.40 *	(0.18)	0.33 *	(0.15)	0.93	(0.38)
Percent Latino residents	1.79	(0.96)	1.12	(0.92)	0.77	(0.60)	1.98	(1.74)
Occupational prestige score	0.54	(0.22)	0.01 **	(0.01)	0.19 **	(0.10)	0.60	(0.30)

Percent foreign born residents	0.35 *	(0.16)	0.08 **	(0.06)	0.18 *	(0.12)	0.26 *	(0.18)
Percent of residents who moved in preceding 12 months	1.50	(0.37)	1.68	(1.04)	2.85 *	(1.32)	3.08 **	(1.29)
Living in neighborhood with hospitals and clinics (omitted=no)	2.33	(1.38)	15.10 *	(17.30)	3.14	(2.60)	4.25	(4.74)
Resource factor score	0.54 *	(0.17)	0.31 *	(0.15)	0.36 *	(0.16)	0.39 *	(0.16)
Age of housing stock								
Percent of housing built before 1940	1.04	(0.30)	1.24	(0.58)	1.11	(0.44)	1.32	(0.49)
Percent of housing built between 1940-1969	0.98	(0.26)	0.22 **	(0.11)	1.26	(0.49)	2.04	(0.81)
Violent crime rate per 1,000	0.60	(0.29)	0.04 **	(0.03)	0.28 *	(0.17)	0.50	(0.31)
Property crime rate per 1,000	4.04 **	(1.17)	449.70 **	(498.70)	6.58 **	(3.60)	5.61 **	(2.28)
Child abuse and neglect rate per 1,000	0.23 **	(0.07)	0.02 **	(0.01)	0.21 **	(0.10)	0.20 **	(0.08)
Neurological hazards index (rescaled by 100)	1.59	(0.51)	7.97 *	(7.59)	7.64 **	(5.35)	1.75	(0.69)
Respiratory hazards index	1.04	(0.35)	0.32	(0.20)	0.29 *	(0.14)	0.85	(0.31)
Number of observations	814		549		471		548	
Number of clusters	448		317		275		316	
Log-Likelihood	-151.61		-88.26		-93.50		-77.24	
Chi-square	128.38 ***		130.74 ***		130.16 ***		124.10 ***	
Pseudo-R ²	0.36		0.60		0.46		0.51	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aResiding in conventional public housing was not included in the models for the Currently in DHA (all were in conventional public housing) or the Majority in DHA (conventional public housing was perfectly predictive) samples.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-2. Standardized Core Cox Models Predicting Hazard of Childhood Diagnosis of Asthma

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.40 *	(0.15)	0.38 **	(0.13)	0.35 **	(0.13)	0.43	(0.21)
Latino male	0.32 **	(0.12)	0.33 *	(0.15)	0.31 **	(0.14)	0.29 *	(0.18)
African American female	0.45 *	(0.18)	0.67	(0.25)	0.37	(0.22)	0.70	(0.41)
First born in family (omitted=no)	0.41 **	(0.14)	0.66	(0.19)	0.68	(0.27)	0.58	(0.27)
Child was low birthweight or extremely premature (omitted=no)	2.60 **	(0.87)	2.45 *	(0.86)	2.25	(1.13)	2.74	(1.54)
Caregiver and Household Characteristics								
Number of siblings in household	0.64 **	(0.10)	0.71 *	(0.12)	0.75	(0.15)	0.82	(0.16)
Caregiver reported depressive symptomatology (omitted=no)	1.13	(0.35)	1.08	(0.34)	0.98	(0.38)	0.77	(0.39)
Caregiver age	0.10 ***	(0.04)	0.24 ***	(0.06)	0.18 ***	(0.06)	0.14 ***	(0.06)
Caregiver immigrant status (omitted=no)	0.92	(0.67)	0.72	(0.56)	0.84	(0.70)	0.66	(0.77)
Caregiver history of substance abuse (omitted=no)	1.39	(0.49)	0.82	(0.35)	1.04	(0.52)	1.73	(0.86)
Caregiver disability status (omitted=not disabled)	5.49 ***	(2.12)	3.89 **	(1.88)	4.93 **	(2.68)	9.60 ***	(5.82)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	2.72 **	(0.93)	1.32	(0.37)	1.99	(0.97)	3.28 *	(1.77)
Post-H.S. technical certificate or college degree	0.82	(0.37)	0.83	(0.29)	0.52	(0.31)	0.51	(0.40)
Caregiver married/partnered (omitted=not married/partnered)	3.30 **	(1.51)	3.87 **	(1.77)	4.27 *	(3.07)	6.99 **	(5.07)
Natural log of caregiver earnings (in dollars)	0.57	(0.24)	0.78	(0.34)	0.78	(0.41)	0.70	(0.45)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.28	(0.26)	0.47	(0.46)	0.61	(0.71)	0.59	(0.82)
Household stressor scale	0.76	(0.12)	0.71 *	(0.10)	0.76	(0.14)	0.73	(0.19)
Household had health insurance (omitted=no)	0.63	(0.21)	0.92	(0.32)	1.32	(0.73)	1.01	(0.63)
Total number of moves from birth to diagnosis	0.41 **	(0.13)	0.49 **	(0.13)	0.39 **	(0.12)	0.17 **	(0.10)
Resided in conventional public housing (omitted=no)	1.27	(0.62)	1.00	-- ^a	2.33	(1.90)	0.91	(0.61)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.80	(0.66)	1.87	(0.78)	3.39 *	(1.97)	3.22	(2.01)
Social capital index	1.14	(0.16)	1.14	(0.18)	1.20	(0.23)	1.26	(0.28)
Social problems index	1.00	(0.23)	1.25	(0.29)	1.12	(0.30)	0.93	(0.28)
Social vulnerability score	0.50	(0.22)	0.24 *	(0.17)	0.26 *	(0.15)	0.37	(0.22)
Percent African American residents	0.75	(0.18)	0.60	(0.16)	0.47 *	(0.17)	0.88	(0.31)
Percent Latino residents	0.93	(0.36)	0.83	(0.37)	0.60	(0.40)	1.10	(0.89)
Occupational prestige score	0.38 **	(0.12)	0.15 ***	(0.07)	0.23 ***	(0.10)	0.35 *	(0.15)

Percent foreign born residents	0.44 *	(0.16)	0.28 ***	(0.10)	0.27 *	(0.15)	0.35	(0.23)
Percent of residents who moved in preceding 12 months	1.56 *	(0.34)	1.97 **	(0.48)	3.15 **	(1.27)	2.45 *	(1.04)
Living in neighborhood with hospitals and clinics (omitted=no)	1.57	(0.72)	1.41	(0.80)	1.90	(1.33)	2.24	(2.15)
Resource factor score	0.62	(0.16)	0.67	(0.19)	0.50 *	(0.16)	0.48	(0.22)
Age of housing stock								
Percent of housing built before 1940	1.07	(0.26)	1.10	(0.24)	1.18	(0.38)	1.32	(0.59)
Percent of housing built between 1940-1969	1.10	(0.24)	0.74	(0.23)	1.61	(0.60)	1.92	(0.76)
Violent crime rate per 1,000	0.72	(0.29)	0.42	(0.20)	0.45	(0.20)	0.64	(0.39)
Property crime rate per 1,000	1.95 **	(0.45)	2.72 ***	(0.72)	1.95 *	(0.63)	1.94 *	(0.55)
Child abuse and neglect rate per 1,000	0.44 **	(0.12)	0.42 **	(0.13)	0.55	(0.22)	0.56	(0.23)
Neurological hazards index (rescaled by 100)	1.91 **	(0.42)	2.14	(0.96)	4.22 *	(2.45)	1.85 *	(0.54)
Respiratory hazards index	1.05	(0.28)	0.73	(0.32)	0.47	(0.19)	0.86	(0.36)
Number of observations	814		549		471		548	
Number of clusters	448		317		275		316	
Number of failures	70		75		56		46	
Time at risk	10224		4970		4767		6851	
Log-Likelihood	-316.55		-316.27		-223.81		-177.20	
Chi-square	326.74 ***		452.32 ***		369.34 ***		446.38 ***	
Global PH test Chi-square	41.78		37.35		44.57		48.40	
Global PH test df	38		37		38		38	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aResiding in conventional public housing was not included in the models for the Currently in DHA (all were in conventional public housing) or the Majority in DHA (conventional public housing was perfectly predictive) samples.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-3. Standardized Core Logit Models Predicting Childhood Diagnosis of Neurodevelopmental Disorders

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.18 **	(0.10)	0.10 *	(0.09)	0.08 **	(0.07)	-- ^a	-- ^a
Latino male	0.80	(0.38)	0.49	(0.29)	0.66	(0.39)	1.69	(1.08)
African American female	0.62	(0.31)	0.41	(0.21)	0.60	(0.36)	0.99	(0.70)
First born in family (omitted=no)	0.48 *	(0.18)	0.63	(0.28)	0.53	(0.25)	0.66	(0.38)
Child was low birthweight or extremely premature (omitted=no)	1.82	(0.79)	1.05	(0.57)	0.88	(0.53)	1.22	(0.80)
Caregiver and Household Characteristics								
Number of siblings in household	0.71	(0.17)	0.67	(0.17)	0.87	(0.26)	0.94	(0.34)
Caregiver reported depressive symptomatology (omitted=no)	1.43	(0.70)	1.98	(1.05)	2.31	(1.27)	0.91	(0.74)
Caregiver age	0.24 ***	(0.07)	0.57 *	(0.15)	0.44 *	(0.14)	0.34 *	(0.17)
Caregiver immigrant status (omitted=no)	1.74	(1.18)	1.25	(1.20)	0.94	(0.98)	0.37	(0.35)
Caregiver history of substance abuse (omitted=no)	1.28	(0.80)	1.17	(0.60)	1.47	(1.08)	1.31	(1.39)
Caregiver disability status (omitted=not disabled)	0.97	(0.83)	2.05	(2.15)	1.09	(1.08)	1.94	(1.95)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	2.05	(1.12)	1.26	(0.74)	1.02	(0.72)	2.26	(1.82)
Post-H.S. technical certificate or college degree	2.28	(1.38)	1.91	(1.33)	1.66	(1.26)	1.51	(1.27)
Caregiver married/partnered (omitted=not married/partnered)	1.07	(0.45)	1.62	(0.88)	1.45	(0.86)	1.63	(1.03)
Natural log of caregiver earnings (in dollars)	0.87	(0.35)	0.83	(0.39)	0.65	(0.41)	0.58	(0.48)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.78	(0.67)	0.50	(0.45)	0.40	(0.56)	0.24	(0.44)
Household stressor scale	0.95	(0.19)	0.80	(0.21)	0.88	(0.25)	0.75	(0.22)
Household had health insurance (omitted=no)	0.71	(0.35)	0.89	(0.45)	0.40	(0.21)	0.17 **	(0.11)
Total number of moves from birth to diagnosis	0.87	(0.22)	1.08	(0.32)	0.83	(0.29)	0.62	(0.36)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.96	(0.42)	0.71	(0.38)	0.77	(0.48)	0.45	(0.30)
Social capital index	0.81	(0.14)	0.87	(0.16)	0.80	(0.17)	0.88	(0.22)
Social problems index	1.38	(0.36)	1.65	(0.46)	1.50	(0.49)	1.84	(0.65)
Social vulnerability score	3.49	(2.94)	3.35	(5.78)	2.16	(2.27)	8.77 **	(7.01)
Percent African American residents	0.79	(0.25)	0.41 *	(0.18)	0.47	(0.19)	1.61	(0.79)
Percent Latino residents	1.69	(0.96)	1.24	(1.10)	0.78	(0.55)	4.50	(3.92)
Occupational prestige score	0.33 *	(0.17)	0.03 **	(0.04)	0.10 **	(0.08)	0.55	(0.35)
Percent foreign born residents	0.32 **	(0.14)	0.12 ***	(0.07)	0.21 **	(0.11)	0.25 *	(0.16)

Percent of residents who moved in preceding 12 months	1.18	(0.37)	1.30	(0.86)	1.58	(0.70)	0.83	(0.33)
Living in neighborhood with hospitals and clinics (omitted=no)	2.16	(1.18)	5.30 *	(4.16)	2.47	(1.61)	1.38	(1.17)
Resource factor score	0.83	(0.30)	0.49	(0.26)	0.78	(0.36)	0.93	(0.48)
Age of housing stock								
Percent of housing built before 1940	1.06	(0.35)	1.07	(0.45)	1.42	(0.51)	0.85	(0.28)
Percent of housing built between 1940-1969	0.78	(0.19)	0.33 *	(0.16)	0.69	(0.26)	0.54	(0.19)
Violent crime rate per 1,000	0.09 ***	(0.05)	0.00 ***	(0.01)	0.03 ***	(0.03)	0.06 ***	(0.04)
Property crime rate per 1,000	2.98 ***	(0.97)	31.17 ***	(30.41)	5.30 ***	(2.20)	2.36 *	(0.96)
Child abuse and neglect rate per 1,000	0.30 ***	(0.11)	0.09 ***	(0.05)	0.28 ***	(0.11)	0.18 **	(0.11)
Neurological hazards index (rescaled by 100)	1.88	(0.66)	5.70 **	(3.57)	4.51 *	(2.65)	1.95	(0.84)
Respiratory hazards index	0.82	(0.25)	0.46	(0.21)	0.53	(0.21)	1.27	(0.56)
Number of observations	841		566		498		411	
Number of clusters	442		312		284		263	
Log-Likelihood	-137.51		-93.53		-90.52		-69.86	
Chi-square	110.26 ***		103.09 ***		103.97 ***		113.89 ***	
Pseudo-R ²	0.33		0.49		0.43		0.39	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aResiding in conventional public housing was not included in the models for the Currently in DHA (all were in conventional public housing) or the Majority in DHA (conventional public housing was perfectly predictive) samples.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-4. Standardized Core AFT Frailty Models Predicting Timing of Childhood Diagnosis of Neurodevelopmental Di

	Ever in DHA		Currently in DHA		Majority in DHA		Most
	TmR	SE	TmR	SE	TmR	SE	TmR
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>							
Child Characteristics							
Gender and ethnicity of child (omitted=African American male)							
Latina female	1.85 **	(0.36)	1.60 **	(0.28)	1.93 ***	(0.35)	21.26
Latino male	1.14	(0.17)	1.06	(0.13)	1.23	(0.18)	0.95
African American female	1.35	(0.21)	1.22	(0.16)	1.30	(0.20)	1.13
First born in family (omitted=no)	1.67 ***	(0.19)	1.38 ***	(0.13)	1.48 ***	(0.17)	1.49
Child was low birthweight or extremely premature (omitted=no)	0.73 *	(0.11)	0.78 *	(0.10)	0.84	(0.13)	0.92
Caregiver and Household Characteristics							
Number of siblings in household	1.23 **	(0.09)	1.19 **	(0.07)	1.12	(0.08)	1.14
Caregiver reported depressive symptomatology (omitted=no)	0.93	(0.13)	0.89	(0.09)	0.82	(0.10)	0.99
Caregiver age	2.29 ***	(0.17)	1.49 ***	(0.08)	1.72 ***	(0.14)	1.86
Caregiver immigrant status (omitted=no)	0.87	(0.18)	1.08	(0.22)	1.11	(0.23)	1.37
Caregiver history of substance abuse (omitted=no)	0.84	(0.14)	0.89	(0.11)	0.75	(0.12)	0.79
Caregiver disability status (omitted=not disabled)	0.78	(0.17)	0.62 **	(0.10)	0.72	(0.14)	0.63
Caregiver educational attainment (omitted=no degree)							
H.S. diploma	0.84	(0.12)	0.91	(0.11)	1.12	(0.17)	0.89
Post-H.S. technical certificate or college degree	0.75	(0.13)	0.82	(0.11)	1.00	(0.17)	0.90
Caregiver married/partnered (omitted=not married/partnered)	1.06	(0.14)	0.98	(0.10)	1.02	(0.13)	1.03
Natural log of caregiver earnings (in dollars)	1.07	(0.13)	1.11	(0.12)	1.20	(0.17)	1.08
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.02	(0.26)	1.21	(0.25)	1.42	(0.44)	1.35
Household stressor scale	1.03	(0.06)	1.05	(0.05)	1.04	(0.06)	1.07
Household had health insurance (omitted=no)	1.26	(0.18)	1.21	(0.13)	1.43 **	(0.18)	1.61
Total number of moves from birth to diagnosis	1.26 *	(0.12)	1.12	(0.07)	1.29 **	(0.11)	1.49
Neighborhood Characteristics							
Living in neighborhood with negative peers (omitted=no)	1.03	(0.14)	1.17	(0.13)	1.09	(0.15)	1.19
Social capital index	1.04	(0.06)	1.03	(0.05)	1.04	(0.06)	0.98
Social problems index	0.89	(0.06)	0.87 *	(0.05)	0.87	(0.06)	0.83
Social vulnerability score	0.72	(0.16)	0.87	(0.19)	0.87	(0.21)	0.56
Percent African American residents	1.09	(0.09)	1.11	(0.07)	1.06	(0.09)	0.94

Percent Latino residents	0.90	(0.16)	0.91	(0.13)	0.93	(0.15)	0.69
Occupational prestige score	1.39 **	(0.17)	1.73 ***	(0.22)	1.47 **	(0.21)	1.13
Percent foreign born residents	1.34 *	(0.18)	1.48 ***	(0.15)	1.42 **	(0.19)	1.39
Percent of residents who moved in preceding 12 months	0.95	(0.09)	0.91	(0.08)	0.85	(0.08)	1.02
Living in neighborhood with hospitals and clinics (omitted=no)	0.89	(0.14)	0.96	(0.14)	1.10	(0.16)	0.91
Resource factor score	0.95	(0.10)	0.93	(0.08)	0.89	(0.09)	0.98
Age of housing stock							
Percent of housing built before 1940	0.95	(0.08)	0.95	(0.07)	0.91	(0.08)	1.02
Percent of housing built between 1940-1969	1.01	(0.08)	1.10	(0.10)	0.97	(0.08)	1.05
Violent crime rate per 1,000	1.86 ***	(0.34)	2.17 ***	(0.37)	1.99 ***	(0.35)	2.00
Property crime rate per 1,000	0.80 *	(0.08)	0.69 ***	(0.06)	0.74 **	(0.07)	0.95
Child abuse and neglect rate per 1,000	1.28 **	(0.11)	1.26 **	(0.10)	1.18 *	(0.10)	1.26
Neurological hazards index (rescaled by 100)	0.86	(0.08)	0.78 *	(0.08)	0.83	(0.11)	0.87
Respiratory hazards index	1.03	(0.08)	1.18 *	(0.08)	1.06	(0.11)	0.91
Number of observations	841		566		498		571
Number of clusters	442		312		284		325
Number of failures	56		56		48		33
Time at risk	10363		5161		4952		7055
sigma	0.66		0.48		0.52		0.58
Log-Likelihood	-135.29		-92.16		-85.23		-68.24
Chi-square	503.52 ***		326.98 ***		333.92 ***		430.23

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

sorders
ly in DHA
SE

***	(9.81)
	(0.16)
	(0.19)
**	(0.20)
	(0.15)
	(0.11)
	(0.16)
***	(0.19)
	(0.33)
	(0.14)
*	(0.13)
	(0.15)
	(0.19)
	(0.15)
	(0.21)
	(0.54)
	(0.06)
**	(0.26)
**	(0.22)
	(0.21)
	(0.07)
*	(0.07)
*	(0.14)
	(0.11)

(0.17)
(0.15)
(0.25)
(0.11)
(0.20)
(0.14)

(0.09)
(0.09)
(0.33)
(0.09)
(0.14)
(0.09)
(0.10)

*

Appendix E-IV-5. Standardized Core Logit Models Predicting Childhood Diagnosis of Obesity

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.70	(1.05)	1.41	(1.13)	1.26	(1.04)	3.80	(3.18)
Latino male	0.93	(0.64)	0.37	(0.33)	0.64	(0.57)	1.91	(1.84)
African American female	2.32	(1.39)	1.93	(1.74)	1.26	(0.98)	3.05	(2.26)
First born in family (omitted=no)	0.50	(0.21)	0.67	(0.37)	0.49	(0.35)	0.66	(0.43)
Caregiver and Household Characteristics								
Number of siblings in household	0.49 **	(0.13)	0.48 *	(0.17)	0.49 *	(0.18)	0.45 *	(0.18)
Caregiver reported depressive symptomatology (omitted=no)	0.80	(0.35)	0.34	(0.30)	1.09	(0.73)	2.45	(1.42)
Caregiver age	0.28 ***	(0.10)	0.33 *	(0.14)	0.52	(0.19)	0.51	(0.22)
Caregiver immigrant status (omitted=no)	2.86	(1.87)	8.01 *	(6.79)	9.08 **	(6.32)	5.96 *	(4.41)
Caregiver history of substance abuse (omitted=no)	0.87	(0.49)	0.92	(0.67)	1.52	(1.20)	0.80	(0.59)
Caregiver disability status (omitted=not disabled)	2.35	(1.42)	3.43	(3.35)	0.98	(0.78)	1.25	(0.99)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	1.16	(0.65)	0.55	(0.41)	2.58	(1.85)	8.04 *	(6.87)
Post-H.S. technical certificate or college degree	4.20 *	(2.40)	3.50	(2.25)	9.03 ***	(5.89)	23.63 ***	(20.39)
Caregiver married/partnered (omitted=not married/partnered)	31.12 ***	(19.93)	613.72 ***	(733.23)	38.44 ***	(30.25)	62.41 ***	(47.01)
Natural log of caregiver earnings (in dollars)	0.81	(0.26)	0.26 *	(0.17)	0.53	(0.26)	0.71	(0.30)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.74	(0.50)	0.08 *	(0.10)	0.29	(0.32)	0.37	(0.31)
Household stressor scale	1.47	(0.32)	1.52	(0.41)	2.28 **	(0.71)	1.31	(0.36)
Household had health insurance (omitted=no)	1.43	(0.76)	0.93	(0.54)	1.05	(0.66)	1.42	(0.94)
Total number of moves from birth to diagnosis	0.98	(0.25)	1.24	(0.35)	0.96	(0.29)	0.49	(0.22)
Resided in conventional public housing (omitted=no)	2.78	(1.78)	-- ^a	-- ^a	-- ^a	-- ^a	1.96	(1.63)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.45	(0.23)	0.87	(0.46)	0.64	(0.37)	0.35	(0.23)
Social capital index	1.26	(0.30)	1.50	(0.46)	1.24	(0.34)	1.25	(0.39)
Social problems index	1.26	(0.34)	0.98	(0.37)	1.27	(0.38)	0.85	(0.33)
Social vulnerability score	2.67	(2.21)	1.06	(1.52)	2.42	(3.58)	21.22 *	(26.68)
Percent African American residents	0.90	(0.29)	0.28 *	(0.15)	0.33 *	(0.17)	1.07	(0.48)
Percent Latino residents	0.77	(0.47)	0.37	(0.24)	0.14 **	(0.09)	0.27 *	(0.17)
Occupational prestige score	0.74	(0.36)	0.12 *	(0.11)	0.15 *	(0.13)	0.17 **	(0.09)
Percent foreign born residents	0.85	(0.33)	0.26 *	(0.15)	1.02	(0.44)	1.54	(0.80)

Percent of residents who moved in preceding 12 months	0.79	(0.28)	1.62	(0.95)	0.79	(0.35)	0.48	(0.22)
Living in neighborhood with hospitals and clinics (omitted=no)	4.21	(3.10)	18.54 **	(18.45)	4.65	(3.76)	41.70 ***	(46.84)
Resource factor score	0.71	(0.25)	0.28 *	(0.15)	0.46	(0.21)	0.93	(0.54)
Age of housing stock								
Percent of housing built before 1940	1.30	(0.41)	1.68	(0.70)	2.15 *	(0.82)	1.95	(0.87)
Percent of housing built between 1940-1969	1.05	(0.44)	1.02	(0.47)	1.63	(0.68)	0.99	(0.44)
Violent crime rate per 1,000	0.40	(0.30)	0.04 *	(0.05)	0.19	(0.23)	0.06 **	(0.06)
Property crime rate per 1,000	1.14	(0.35)	8.60 **	(6.93)	1.87	(0.99)	0.87	(0.48)
Child abuse and neglect rate per 1,000	0.36 *	(0.18)	0.11 ***	(0.07)	0.71	(0.34)	0.78	(0.38)
Neurological hazards index (rescaled by 100)	1.60	(0.60)	22.34 ***	(20.06)	3.06	(2.26)	1.00	(0.46)
Respiratory hazards index	1.38	(0.44)	0.17 **	(0.11)	0.80	(0.49)	2.35 *	(0.90)
Number of observations	896		591		509		603	
Number of clusters	468		326		289		337	
Log-Likelihood	-120.73		-70.36		-74.42		-69.25	
Chi-square	125.25 ***		111.32 ***		134.37 ***		139.97 ***	
Pseudo-R ²	0.31		0.50		0.38		0.43	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aResiding in conventional public housing was not included in the models for the Currently in DHA (all were in conventional public housing) or the Majority in DHA (conventional public housing was perfectly predictive) samples.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-6. Standardized Core Cox Models Predicting Hazard of Childhood Diagnosis of Obesity

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.21	(0.72)	1.36	(0.95)	0.94	(0.75)	1.13	(0.89)
Latino male	0.71	(0.45)	0.72	(0.53)	0.49	(0.43)	0.59	(0.53)
African American female	1.83	(1.04)	1.73	(1.28)	1.33	(1.01)	1.80	(1.21)
First born in family (omitted=no)	0.31 *	(0.15)	0.67	(0.31)	0.46	(0.31)	0.41	(0.25)
Caregiver and Household Characteristics								
Number of siblings in household	0.44 **	(0.12)	0.48 *	(0.16)	0.53 *	(0.17)	0.48	(0.21)
Caregiver reported depressive symptomatology (omitted=no)	0.54	(0.29)	0.35	(0.27)	0.56	(0.50)	2.21	(1.59)
Caregiver age	0.08 ***	(0.04)	0.22 **	(0.10)	0.24 ***	(0.10)	0.20 **	(0.12)
Caregiver immigrant status (omitted=no)	1.84	(1.23)	1.15	(0.96)	5.57 *	(4.01)	4.99 *	(3.62)
Caregiver history of substance abuse (omitted=no)	1.27	(0.69)	1.65	(0.87)	3.07	(2.63)	1.32	(1.14)
Caregiver disability status (omitted=not disabled)	3.42 *	(1.81)	3.13	(2.06)	1.68	(1.27)	1.46	(1.13)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	1.20	(0.64)	0.90	(0.47)	2.05	(1.47)	6.21 *	(4.76)
Post-H.S. technical certificate or college degree	3.65 *	(1.89)	2.75	(1.46)	4.69 *	(2.98)	11.79 **	(10.19)
Caregiver married/partnered (omitted=not married/partnered)	11.61 ***	(6.18)	11.30 **	(8.35)	8.67 ***	(5.32)	14.03 ***	(9.59)
Natural log of caregiver earnings (in dollars)	0.77	(0.30)	0.55	(0.26)	0.54	(0.36)	0.49	(0.35)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)								
	0.73	(0.57)	0.39	(0.35)	0.31	(0.44)	0.28	(0.40)
Household stressor scale	1.18	(0.21)	1.22	(0.25)	1.76	(0.59)	1.04	(0.27)
Household had health insurance (omitted=no)	0.91	(0.56)	0.61	(0.34)	0.76	(0.48)	0.90	(0.63)
Total number of moves from birth to diagnosis	0.57	(0.18)	0.59 *	(0.16)	0.65	(0.20)	0.32 **	(0.14)
Resided in conventional public housing (omitted=no)	3.44 *	(1.74)	-- ^a	-- ^a	-- ^a	-- ^a	1.73	(1.01)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.36	(0.20)	0.27 *	(0.16)	0.28	(0.27)	0.41	(0.32)
Social capital index	1.06	(0.21)	1.21	(0.28)	0.99	(0.24)	0.86	(0.24)
Social problems index	1.31	(0.37)	1.34	(0.41)	1.63	(0.68)	0.84	(0.28)
Social vulnerability score	1.58	(1.18)	0.64	(0.69)	1.45	(2.12)	7.33	(8.59)
Percent African American residents	0.87	(0.26)	0.58	(0.23)	0.46	(0.25)	0.96	(0.36)
Percent Latino residents	0.98	(0.49)	0.59	(0.33)	0.35	(0.23)	0.44	(0.26)
Occupational prestige score	0.61	(0.28)	0.23	(0.19)	0.23	(0.21)	0.20 *	(0.13)
Percent foreign born residents	0.53	(0.18)	0.38 *	(0.15)	0.61	(0.26)	0.83	(0.44)

Percent of residents who moved in preceding 12 months	1.04	(0.32)	1.36	(0.61)	1.09	(0.42)	0.76	(0.29)
Living in neighborhood with hospitals and clinics (omitted=no)	2.89	(2.02)	2.33	(1.56)	2.85	(2.02)	27.64 **	(31.37)
Resource factor score	0.78	(0.25)	0.70	(0.30)	0.67	(0.27)	0.99	(0.54)
Age of housing stock								
Percent of housing built before 1940	1.13	(0.28)	1.34	(0.40)	1.52	(0.53)	1.27	(0.47)
Percent of housing built between 1940-1969	0.83	(0.26)	0.69	(0.32)	1.16	(0.42)	0.87	(0.27)
Violent crime rate per 1,000	0.44	(0.29)	0.34	(0.30)	0.30	(0.28)	0.13 *	(0.12)
Property crime rate per 1,000	0.79	(0.30)	1.13	(0.70)	0.95	(0.58)	0.44	(0.24)
Child abuse and neglect rate per 1,000	0.53	(0.25)	0.55	(0.24)	1.26	(0.55)	1.43	(0.75)
Neurological hazards index (rescaled by 100)	1.92	(0.81)	4.78 **	(2.85)	2.18	(1.25)	1.42	(0.85)
Respiratory hazards index	1.23	(0.40)	0.45	(0.23)	0.91	(0.37)	2.12 *	(0.80)
Number of observations	896		591		509		603	
Number of clusters	468		326		289		337	
Number of failures	44		38		32		31	
Time at risk	10558		5613		5050		6952	
Log-Likelihood	-200.24		-151.32		-129.00		-118.01	
Chi-square	366.85 ***		371.97 ***		230.21 ***		367.23 ***	
Global PH test Chi-square	29.83		27.44		46.22		34.15	
Global PH test df	37		36		36		37	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aResiding in conventional public housing was not included in the models for the Currently in DHA (all were in conventional public housing) or the Majority in DHA (conventional public housing was perfectly predictive) samples.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-7. Standardized Core Logit Models Predicting Childhood Diagnosis of Internalizing Behaviors

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.75	(0.64)	0.40	(0.49)	0.23	(0.51)	0.92	(1.43)
Latino male	1.24	(0.90)	0.73	(0.97)	0.93	(1.04)	1.02	(1.21)
African American female	0.89	(0.49)	0.16	(0.23)	2.09	(1.48)	1.05	(1.05)
First born in family (omitted=no)	0.75	(0.31)	5.18 *	(3.61)	0.54	(0.33)	0.37	(0.24)
Caregiver and Household Characteristics								
Number of siblings in household	1.19	(0.32)	2.44	(1.23)	1.23	(0.70)	0.93	(0.41)
Caregiver reported depressive symptomatology (omitted=no)	0.28	(0.20)	0.20	(0.21)	0.17	(0.38)	0.11	(0.20)
Caregiver age	0.15 ***	(0.06)	0.31	(0.19)	0.09 *	(0.09)	0.16 **	(0.11)
Caregiver immigrant status (omitted=no)	2.99	(3.21)	18.12 *	(25.20)	3.48	(5.18)	6.66	(11.61)
Caregiver history of substance abuse (omitted=no)	0.77	(0.73)	0.44	(0.63)	0.65	(1.81)	0.90	(1.46)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	5.48 *	(4.54)	1.33	(1.85)	2.53	(3.24)	3.74	(4.50)
Post-H.S. technical certificate or college degree	2.08	(2.23)	5.69	(5.70)	0.40	(0.50)	1.46	(1.88)
Caregiver married/partnered (omitted=not married/partnered)	8.15 ***	(4.55)	205.54 **	(338.58)	22.44 ***	(19.26)	10.03 **	(8.27)
Natural log of caregiver earnings (in dollars)	1.20	(0.74)	0.60	(0.42)	0.45	(0.49)	2.70	(1.98)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.37	(1.50)	0.52	(0.79)	0.24	(0.47)	1.72	(2.43)
Household stressor scale	2.07 *	(0.62)	1.91	(0.99)	3.32	(2.09)	3.25 *	(1.51)
Household had health insurance (omitted=no)	5.29	(5.55)	12.15	(21.80)	1.33	(2.17)	6.96	(19.25)
Total number of moves from birth to diagnosis	1.02	(0.25)	1.22	(0.72)	1.06	(0.51)	0.85	(0.42)
Neighborhood Characteristics								
Social capital index	1.11	(0.43)	1.68	(0.83)	0.98	(0.49)	1.22	(0.93)
Social problems index	2.21 *	(0.73)	3.34 **	(1.41)	5.16	(5.16)	4.05	(3.31)
Social vulnerability score	0.27 *	(0.16)	0.14	(0.15)	0.40	(0.37)	1.04	(1.06)
Percent African American residents	1.48	(0.82)	1.31	(0.88)	0.78	(0.69)	0.42	(0.42)
Percent Latino residents	3.06	(2.50)	1.79	(2.83)	2.29	(3.24)	2.97	(3.16)
Occupational prestige score	0.62	(0.33)	0.08 **	(0.06)	0.54	(0.84)	1.08	(0.90)
Percent foreign born residents	0.28 *	(0.18)	0.07	(0.10)	0.10	(0.14)	0.22	(0.17)
Percent of residents who moved in preceding 12 months	1.39	(0.39)	0.38	(0.35)	3.11	(1.81)	2.34 **	(0.73)
Resource factor score	0.96	(0.47)	0.60	(0.38)	0.74	(0.49)	0.95	(0.61)
Violent crime rate per 1,000	1.23	(0.76)	0.07 **	(0.06)	0.21	(0.21)	0.38	(0.39)

Property crime rate per 1,000	3.32 ***	(1.18)	197.96 ***	(304.21)	3.22 **	(1.42)	2.62	(1.59)
Child abuse and neglect rate per 1,000	0.36 **	(0.13)	0.08	(0.11)	0.40	(0.23)	0.33	(0.24)
Number of observations	691		361		298		459	
Number of clusters	393		241		178		259	
Log-Likelihood	-79.45		-35.96		-40.66		-39.36	
Chi-square	79.68 ***		128.84 ***		82.39 ***		97.65 ***	
Pseudo-R ²	0.37		0.64		0.48		0.37	

Notes:
Exponentiated coefficients; robust standard errors in parentheses.
Internalizing behaviors is defined to include diagnoses of depressive disorders, PTSD, and other anxiety disorders.
Below output table appeared--Note: 1 failure and 0 successes completely determined.
* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-8. Standardized Core AFT Frailty Models Predicting Timing of Childhood Diagnosis of Internalizing Behaviors

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of diagnosis unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.15	(0.19)	1.10	(0.16)	1.25	(0.28)	1.17	(0.20)
Latino male	1.07	(0.17)	1.09	(0.16)	0.96	(0.16)	1.07	(0.14)
African American female	1.04	(0.13)	1.12	(0.13)	0.79 *	(0.10)	0.97	(0.10)
First born in family (omitted=no)	1.26 **	(0.10)	1.07	(0.08)	1.49 ***	(0.13)	1.40 ***	(0.08)
Caregiver and Household Characteristics								
Number of siblings in household	1.00	(0.06)	0.93	(0.05)	0.97	(0.07)	1.02	(0.06)
Caregiver reported depressive symptomatology (omitted=no)	1.37 *	(0.20)	1.17	(0.12)	1.38	(0.25)	1.52 **	(0.22)
Caregiver age	1.93 ***	(0.17)	1.43 ***	(0.10)	1.96 ***	(0.24)	1.74 ***	(0.15)
Caregiver immigrant status (omitted=no)	0.83	(0.16)	0.80	(0.13)	0.90	(0.19)	0.80	(0.15)
Caregiver history of substance abuse (omitted=no)	0.99	(0.19)	1.20	(0.18)	1.05	(0.27)	0.92	(0.12)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.71 *	(0.10)	1.00	(0.11)	1.01	(0.16)	0.87	(0.11)
Post-H.S. technical certificate or college degree	0.84	(0.16)	0.78 *	(0.09)	1.63 *	(0.31)	1.11	(0.15)
Caregiver married/partnered (omitted=not married/partnered)	0.63 ***	(0.08)	0.58 ***	(0.08)	0.55 ***	(0.08)	0.67 ***	(0.08)
Natural log of caregiver earnings (in dollars)	0.99	(0.11)	1.06	(0.08)	1.15	(0.17)	0.85	(0.08)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.95	(0.21)	1.05	(0.17)	1.35	(0.39)	1.01	(0.19)
Household stressor scale	0.87 **	(0.04)	0.95	(0.04)	0.81 ***	(0.05)	0.82 ***	(0.04)
Household had health insurance (omitted=no)	0.76	(0.15)	0.69 *	(0.10)	0.94	(0.17)	0.83	(0.15)
Total number of moves from birth to diagnosis	1.04	(0.06)	1.02	(0.05)	1.04	(0.07)	1.07	(0.07)
Neighborhood Characteristics								
Social capital index	0.98	(0.06)	0.94	(0.05)	1.02	(0.07)	0.99	(0.07)
Social problems index	0.84 **	(0.05)	0.84 ***	(0.04)	0.73 ***	(0.07)	0.75 ***	(0.05)
Social vulnerability score	1.33 *	(0.17)	1.45 ***	(0.15)	1.33	(0.21)	1.03	(0.11)
Percent African American residents	0.95	(0.09)	1.05	(0.06)	0.94	(0.10)	1.15	(0.12)
Percent Latino residents	0.85	(0.12)	1.23	(0.15)	0.74	(0.15)	0.71 *	(0.11)
Occupational prestige score	1.11	(0.11)	1.55 ***	(0.12)	1.02	(0.13)	0.93	(0.09)
Percent foreign born residents	1.21	(0.15)	1.16	(0.13)	1.63 **	(0.30)	1.43 ***	(0.15)
Percent of residents who moved in preceding 12 months	0.95	(0.06)	1.10	(0.10)	0.80 **	(0.06)	0.82 ***	(0.04)
Resource factor score	1.00	(0.08)	1.10	(0.08)	1.06	(0.10)	1.02	(0.07)

Violent crime rate per 1,000	0.95	(0.10)	1.20 **	(0.07)	1.33 *	(0.16)	1.23 *	(0.11)
Property crime rate per 1,000	0.73 ***	(0.06)	0.59 ***	(0.05)	0.73 ***	(0.06)	0.83 *	(0.06)
Child abuse and neglect rate per 1,000	1.24 **	(0.09)	1.14 *	(0.07)	1.17	(0.12)	1.23 *	(0.10)
Number of observations	691		361		298		459	
Number of clusters	393		241		178		259	
Number of failures	31		29		22		14	
Time at risk	10113		4540		4193		6885	
sigma	0.47		0.27		0.36		0.33	
Log-Likelihood	-70.17		-25.25		-33.02		-27.45	
Chi-square	200.44 ***		727.40 ***		182.75 ***		294.16 ***	

Notes:
Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.
Internalizing behaviors is defined to include diagnoses of depressive disorders, PTSD, and other anxiety disorders.
* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-9. Standardized Core Logit Models Predicting Childhood Behavioral Health Service Use

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.40	(0.20)	0.26	(0.20)	0.22 *	(0.16)	0.26	(0.19)
Latino male	0.36 *	(0.17)	0.21 *	(0.16)	0.24 *	(0.16)	0.43	(0.28)
African American female	0.60	(0.22)	0.34 *	(0.16)	0.39	(0.23)	0.42	(0.26)
First born in family (omitted=no)	0.67	(0.21)	1.72	(0.79)	0.62	(0.27)	0.22 **	(0.12)
Caregiver and Household Characteristics								
Number of siblings in household	0.82	(0.16)	1.01	(0.23)	0.79	(0.26)	0.86	(0.29)
Caregiver reported depressive symptomatology (omitted=no)	1.62	(0.66)	2.40	(1.48)	0.66	(0.43)	1.84	(1.27)
Caregiver age	0.21 ***	(0.08)	0.56	(0.22)	0.16 ***	(0.07)	0.10 ***	(0.04)
Caregiver immigrant status (omitted=no)	2.13	(1.11)	1.90	(1.34)	1.45	(0.99)	0.87	(0.72)
Caregiver history of substance abuse (omitted=no)	0.36 *	(0.18)	0.56	(0.30)	0.29	(0.26)	0.14 *	(0.13)
Caregiver disability status (omitted=not disabled)	4.66 *	(2.87)	4.73	(4.95)	9.23 **	(7.70)	13.42 *	(13.53)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	3.33 **	(1.55)	3.70 *	(2.32)	1.74	(1.13)	5.24 *	(4.01)
Post-H.S. technical certificate or college degree	1.95	(0.99)	3.58	(2.50)	1.29	(0.93)	2.11	(1.51)
Caregiver married/partnered (omitted=not married/partnered)	6.24 ***	(2.67)	13.91 ***	(9.03)	8.28 ***	(4.98)	8.76 **	(6.19)
Natural log of caregiver earnings (in dollars)	1.78	(0.59)	0.82	(0.29)	1.31	(0.67)	2.30	(1.14)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.79	(1.07)	0.52	(0.31)	0.95	(0.95)	3.52	(3.55)
Household stressor scale	1.18	(0.24)	1.46	(0.48)	1.68	(0.54)	1.19	(0.37)
Household had health insurance (omitted=no)	1.67	(0.82)	1.00	(0.66)	0.54	(0.37)	2.97	(2.80)
Total number of moves from birth to onset	0.79	(0.12)	1.01	(0.18)	1.03	(0.24)	0.78	(0.19)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.38	(0.61)	1.53	(1.05)	0.59	(0.45)	0.25 *	(0.16)
Social capital index	0.89	(0.15)	1.23	(0.28)	1.04	(0.27)	0.73	(0.21)
Social problems index	1.07	(0.21)	0.95	(0.29)	1.56	(0.58)	1.59	(0.49)
Social vulnerability score	0.28 **	(0.12)	0.07 ***	(0.05)	0.13 *	(0.11)	0.12 **	(0.09)
Percent African American residents	0.97	(0.26)	0.41 **	(0.12)	0.42 *	(0.15)	1.61	(0.64)
Percent Latino residents	1.29	(0.60)	0.53	(0.27)	0.46	(0.32)	2.90	(1.93)
Occupational prestige score	0.25 ***	(0.09)	0.04 ***	(0.02)	0.05 ***	(0.03)	0.09 ***	(0.05)
Percent foreign born residents	0.30 ***	(0.11)	0.14 **	(0.10)	0.16 **	(0.09)	0.13 ***	(0.07)
Percent of residents who moved in preceding 12 months	1.60 **	(0.29)	1.82	(0.57)	2.34 **	(0.73)	2.95 ***	(0.79)

Living in neighborhood with hospitals and clinics (omitted=no)	0.84	(0.39)	0.67	(0.41)	0.33	(0.22)	0.53	(0.41)
Resource factor score	0.80	(0.23)	0.54	(0.27)	0.91	(0.41)	0.88	(0.39)
Percent of housing built before 1940	1.31	(0.28)	1.65	(0.58)	2.44 **	(0.73)	2.07 *	(0.71)
Violent crime rate per 1,000	0.62	(0.23)	0.11 **	(0.08)	0.23 *	(0.17)	0.38	(0.24)
Property crime rate per 1,000	1.97 *	(0.53)	20.51 ***	(15.10)	3.06 ***	(1.01)	2.85 *	(1.28)
Child abuse and neglect rate per 1,000	0.69	(0.22)	0.36	(0.20)	0.58	(0.26)	0.75	(0.33)
Neurological hazards index (rescaled by 100)	1.62	(0.58)	8.63 ***	(5.41)	4.38 **	(2.25)	1.52	(0.62)
Respiratory hazards index	1.27	(0.35)	0.38 *	(0.15)	0.53	(0.20)	1.44	(0.62)
Observations	584		368		297		374	
Number of clusters	353		248		190		232	
Log-Likelihood	-178.81		-100.85		-88.61		-84.76	
Chi-square	69.15 ***		90.66 ***		92.28 ***		83.77 ***	
Pseudo-R ²	0.31		0.52		0.44		0.39	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IV-10. Standardized Core Cox Models Predicting Hazard of Childhood Behavioral Health Service Use

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.41 *	(0.17)	0.51	(0.23)	0.31 *	(0.16)	0.22 **	(0.13)
Latino male	0.40 *	(0.16)	0.45	(0.19)	0.33 *	(0.17)	0.49	(0.25)
African American female	0.63	(0.22)	0.58	(0.18)	0.70	(0.30)	0.44	(0.29)
First born in family (omitted=no)	0.48 **	(0.13)	0.76	(0.20)	0.48 *	(0.17)	0.27 **	(0.13)
Caregiver and Household Characteristics								
Number of siblings in household	0.83	(0.16)	0.89	(0.16)	0.89	(0.21)	0.79	(0.28)
Caregiver reported depressive symptomatology (omitted=no)	1.16	(0.45)	2.20 *	(0.69)	0.71	(0.35)	1.45	(1.07)
Caregiver age	0.15 ***	(0.05)	0.42 ***	(0.11)	0.18 ***	(0.06)	0.10 ***	(0.04)
Caregiver immigrant status (omitted=no)	1.94	(0.80)	1.51	(0.66)	1.14	(0.51)	1.18	(0.68)
Caregiver history of substance abuse (omitted=no)	0.69	(0.33)	1.00	(0.40)	0.78	(0.47)	0.55	(0.47)
Caregiver disability status (omitted=not disabled)	2.85 *	(1.29)	2.57 *	(1.20)	4.18 **	(1.93)	3.58 *	(2.09)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	2.31 *	(0.80)	3.12 **	(1.25)	1.16	(0.59)	2.83 *	(1.50)
Post-H.S. technical certificate or college degree	1.74	(0.72)	2.93 *	(1.25)	1.15	(0.52)	1.74	(1.07)
Caregiver married/partnered (omitted=not married/partnered)	2.90 *	(1.21)	2.54 **	(0.77)	3.40 *	(1.83)	3.28	(3.15)
Natural log of caregiver earnings (in dollars)	1.49	(0.39)	1.20	(0.27)	1.21	(0.48)	1.93	(0.68)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.69	(0.83)	1.22	(0.50)	1.36	(1.06)	4.16	(3.16)
Household stressor scale	1.15	(0.18)	1.23	(0.21)	1.41	(0.27)	1.30	(0.33)
Household had health insurance (omitted=no)	1.35	(0.60)	1.01	(0.33)	0.86	(0.39)	2.37	(2.14)
Total number of moves from birth to onset	0.70 *	(0.11)	0.79 *	(0.09)	0.78	(0.13)	0.62 *	(0.14)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.26	(0.49)	1.64	(0.80)	0.54	(0.35)	0.24 *	(0.15)
Social capital index	0.86	(0.11)	1.07	(0.13)	0.97	(0.16)	0.85	(0.19)
Social problems index	1.00	(0.17)	0.80	(0.14)	1.27	(0.41)	1.38	(0.44)
Social vulnerability score	0.36 **	(0.12)	0.34 ***	(0.11)	0.22 ***	(0.10)	0.11 ***	(0.07)
Percent African American residents	0.95	(0.17)	0.84	(0.15)	0.81	(0.20)	1.44	(0.50)
Percent Latino residents	1.06	(0.36)	0.75	(0.25)	0.91	(0.46)	3.02	(1.93)
Occupational prestige score	0.32 ***	(0.09)	0.15 ***	(0.04)	0.19 ***	(0.06)	0.19 ***	(0.10)
Percent foreign born residents	0.40 **	(0.12)	0.37 **	(0.12)	0.23 **	(0.11)	0.16 ***	(0.08)
Percent of residents who moved in preceding 12 months	1.48 **	(0.20)	1.37	(0.28)	1.65 **	(0.31)	2.27 ***	(0.54)

Living in neighborhood with hospitals and clinics (omitted=no)	1.07	(0.41)	0.70	(0.25)	1.25	(0.69)	1.01	(0.58)
Resource factor score	0.85	(0.21)	0.95	(0.23)	0.86	(0.32)	0.88	(0.34)
Percent of housing built before 1940	1.17	(0.20)	1.35	(0.24)	1.62 *	(0.39)	1.94 *	(0.52)
Violent crime rate per 1,000	0.69	(0.20)	0.27 ***	(0.08)	0.53	(0.20)	0.66	(0.36)
Property crime rate per 1,000	1.52	(0.35)	2.81 ***	(0.63)	1.36	(0.33)	1.82	(0.68)
Child abuse and neglect rate per 1,000	0.95	(0.21)	1.06	(0.21)	1.26	(0.35)	1.27	(0.49)
Neurological hazards index (rescaled by 100)	1.50	(0.34)	2.30 **	(0.70)	2.34 *	(0.89)	1.31	(0.39)
Respiratory hazards index	1.15	(0.23)	0.72	(0.13)	0.70	(0.19)	1.17	(0.40)
Number of observations	584		368		297		374	
Number of clusters	353		248		190		232	
Number of failures	94		94		66		46	
Time at risk	7972		4399		3841		5203	
Log-Likelihood	-465.20		-399.05		-277.75		-189.45	
Chi-square	202.36 ***		283.95 ***		278.74 ***		272.18 ***	
Global PH test Chi-square	27.99		19.02		34.96		52.14	
Global PH test df	36		36		36		36	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-1. Standardized Core Logit Models Predicting Witnessing Neighborhood Violence During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.63	(0.24)	0.69	(0.32)	0.58	(0.28)	0.70	(0.48)
Latino male	0.54	(0.22)	0.69	(0.31)	0.38 *	(0.18)	0.59	(0.38)
African American female	1.14	(0.44)	0.98	(0.40)	0.86	(0.38)	1.92	(1.42)
First born in family (omitted=no)	0.83	(0.19)	1.15	(0.31)	0.87	(0.31)	0.48	(0.21)
Caregiver and Household Characteristics								
Number of siblings in household	0.74	(0.11)	0.73	(0.12)	0.68 *	(0.13)	0.35 ***	(0.11)
Caregiver reported depressive symptomatology (omitted=no)	1.57	(0.59)	1.35	(0.61)	0.66	(0.30)	1.03	(0.75)
Caregiver age	0.30 ***	(0.07)	0.52 **	(0.11)	0.38 ***	(0.08)	0.17 ***	(0.05)
Caregiver immigrant status (omitted=no)	1.54	(0.68)	1.77	(0.87)	1.72	(0.92)	0.91	(0.70)
Caregiver history of substance abuse (omitted=no)	0.69	(0.26)	0.76	(0.36)	0.90	(0.40)	0.83	(0.54)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.99	(0.34)	1.36	(0.53)	0.82	(0.33)	0.65	(0.35)
Post-H.S. technical certificate or college degree	1.07	(0.40)	0.90	(0.40)	0.85	(0.37)	1.30	(0.75)
Caregiver married/partnered (omitted=not married/partnered)	1.56	(0.49)	2.04 *	(0.74)	1.79	(0.74)	0.91	(0.51)
Natural log of caregiver earnings (in dollars)	1.12	(0.29)	1.08	(0.30)	1.19	(0.34)	2.16 *	(0.78)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.96	(0.48)	0.80	(0.42)	1.07	(0.64)	1.97	(1.40)
Household stressor scale	1.31 *	(0.17)	1.43 *	(0.23)	1.60 **	(0.25)	1.23	(0.25)
Household had health insurance (omitted=no)	1.29	(0.46)	1.51	(0.60)	1.15	(0.52)	1.16	(0.67)
Total number of moves from birth to time of first occurrence	0.91	(0.12)	1.06	(0.16)	0.97	(0.16)	0.47 **	(0.12)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.69	(0.57)	1.47	(0.63)	0.84	(0.39)	4.26 *	(2.53)
Social capital index	1.07	(0.14)	1.11	(0.17)	1.20	(0.20)	1.46	(0.32)
Social problems index	2.10 ***	(0.40)	2.06 ***	(0.45)	2.68 ***	(0.68)	1.65	(0.48)
Social vulnerability score	0.42 *	(0.15)	0.20 **	(0.10)	0.17 ***	(0.08)	0.42	(0.21)
Percent African American residents	0.67	(0.16)	0.53 *	(0.16)	0.61	(0.18)	0.70	(0.24)
Percent Latino residents	0.41 *	(0.15)	0.35 *	(0.16)	0.41 *	(0.18)	0.50	(0.27)
Occupational prestige score	0.21 ***	(0.06)	0.07 ***	(0.03)	0.10 ***	(0.04)	0.18 ***	(0.08)
Percent foreign born residents	0.91	(0.24)	0.74	(0.27)	0.69	(0.26)	0.79	(0.36)
Percent of residents who moved in preceding 12 months	1.05	(0.20)	1.29	(0.27)	1.30	(0.29)	1.45	(0.33)
Resource factor score	1.43	(0.32)	1.60	(0.43)	1.63	(0.46)	1.56	(0.46)

Percent of housing built before 1940	1.58 **	(0.25)	2.22 **	(0.56)	2.26 ***	(0.48)	1.87 *	(0.49)
Violent crime rate per 1,000	0.55	(0.18)	0.24 **	(0.12)	0.42 *	(0.18)	0.37 *	(0.17)
Property crime rate per 1,000	7.10 ***	(1.99)	63.74 ***	(32.78)	18.84 ***	(8.42)	7.16 ***	(2.64)
Child abuse and neglect rate per 1,000	0.47 ***	(0.10)	0.22 ***	(0.07)	0.42 **	(0.13)	0.85	(0.26)
Number of observations	781		630		520		334	
Number of clusters	404		333		290		187	
Log-Likelihood	-311.24		-233.57		-191.53		-102.10	
Chi-square	184.70 ***		158.95 ***		154.82 ***		116.74 ***	
Pseudo-R ²	0.40		0.47		0.47		0.48	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-2. Standardized Core AFT Frailty Models Predicting Timing of Witnessing Neighborhood Violence During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.06	(0.09)	1.03	(0.09)	1.02	(0.10)	1.10	(0.10)
Latino male	1.13	(0.10)	1.13	(0.10)	1.18	(0.11)	1.08	(0.09)
African American female	0.94	(0.08)	0.90	(0.08)	0.82 *	(0.08)	0.90	(0.07)
First born in family (omitted=no)	1.34 ***	(0.07)	1.41 ***	(0.08)	1.29 ***	(0.07)	1.23 ***	(0.06)
Caregiver and Household Characteristics								
Number of siblings in household	1.10 **	(0.04)	1.11 **	(0.04)	1.07	(0.04)	1.13 ***	(0.04)
Caregiver reported depressive symptomatology (omitted=no)	0.87	(0.07)	0.89	(0.07)	1.00	(0.08)	1.06	(0.08)
Caregiver age	1.69 ***	(0.08)	1.60 ***	(0.08)	1.57 ***	(0.07)	1.43 ***	(0.05)
Caregiver immigrant status (omitted=no)	0.83	(0.09)	0.88	(0.10)	0.87	(0.09)	0.98	(0.10)
Caregiver history of substance abuse (omitted=no)	1.04	(0.09)	1.01	(0.11)	1.00	(0.09)	1.01	(0.07)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.91	(0.06)	0.80 **	(0.06)	0.96	(0.07)	0.94	(0.07)
Post-H.S. technical certificate or college degree	0.91	(0.07)	0.84	(0.08)	1.00	(0.08)	0.92	(0.06)
Caregiver married/partnered (omitted=not married/partnered)	0.99	(0.06)	0.92	(0.07)	1.00	(0.07)	1.00	(0.06)
Natural log of caregiver earnings (in dollars)	1.04	(0.06)	1.00	(0.08)	1.04	(0.07)	1.00	(0.05)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.03	(0.12)	0.98	(0.17)	1.02	(0.12)	1.01	(0.10)
Household stressor scale	0.96	(0.03)	0.96	(0.03)	0.95 *	(0.03)	0.99	(0.03)
Household had health insurance (omitted=no)	0.81 **	(0.06)	0.81 *	(0.07)	0.82 *	(0.07)	0.93	(0.06)
Total number of moves from birth to time of first occurrence	1.30 ***	(0.05)	1.28 ***	(0.05)	1.29 ***	(0.04)	1.16 ***	(0.04)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.96	(0.07)	0.99	(0.09)	1.10	(0.09)	0.90	(0.07)
Social capital index	1.00	(0.03)	1.01	(0.03)	1.00	(0.03)	1.01	(0.03)
Social problems index	0.85 ***	(0.03)	0.83 ***	(0.04)	0.84 ***	(0.03)	0.95	(0.03)
Social vulnerability score	1.07	(0.08)	1.08	(0.11)	1.19 *	(0.10)	1.09	(0.06)
Percent African American residents	1.08	(0.05)	1.07	(0.06)	1.02	(0.05)	1.07	(0.05)
Percent Latino residents	1.18 *	(0.09)	1.07	(0.09)	1.06	(0.08)	1.09	(0.09)
Occupational prestige score	1.26 ***	(0.07)	1.24 **	(0.08)	1.26 ***	(0.07)	1.16 **	(0.06)
Percent foreign born residents	1.03	(0.06)	1.08	(0.08)	1.09	(0.06)	1.01	(0.06)
Percent of residents who moved in preceding 12 months	0.96	(0.04)	0.96	(0.05)	0.90 **	(0.03)	0.94 *	(0.03)

Resource factor score	0.96	(0.04)	0.95	(0.04)	0.95	(0.04)	1.00	(0.03)
Percent of housing built before 1940	0.96	(0.04)	0.98	(0.04)	0.95	(0.04)	0.95	(0.03)
Violent crime rate per 1,000	1.05	(0.06)	1.07	(0.07)	1.08	(0.07)	1.05	(0.05)
Property crime rate per 1,000	0.85 **	(0.04)	0.85 **	(0.05)	0.86 **	(0.05)	0.89 **	(0.04)
Child abuse and neglect rate per 1,000	1.07	(0.04)	1.09	(0.06)	1.05	(0.05)	1.01	(0.03)
Number of observations	781		630		520		334	
Number of clusters	404		333		290		187	
Number of failures	290		309		237		93	
Time at risk	8009		5227		4405		4360	
sigma	0.46		0.52		0.43		0.27	
Log-Likelihood	-317.86		-338.77		-211.59		-64.87	
Chi-square	553.50 ***		365.23 ***		550.67 ***		474.34 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-3. Standardized Core Logit Models Predicting Being Victimized in Neighborhood During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.19 ***	(0.08)	0.10 ***	(0.05)	0.10 ***	(0.06)	0.15 **	(0.09)
Latino male	0.46 *	(0.17)	0.52	(0.26)	0.44	(0.23)	0.42	(0.25)
African American female	0.23 ***	(0.09)	0.13 **	(0.09)	0.21 *	(0.13)	0.18 **	(0.11)
First born in family (omitted=no)	1.06	(0.28)	2.92 **	(1.10)	1.04	(0.44)	0.55	(0.28)
Caregiver and Household Characteristics								
Number of siblings in household	0.93	(0.19)	1.33	(0.37)	0.98	(0.26)	1.04	(0.29)
Caregiver reported depressive symptomatology (omitted=no)	0.75	(0.27)	0.62	(0.31)	0.38	(0.20)	0.65	(0.44)
Caregiver age	0.31 ***	(0.07)	0.74	(0.16)	0.39 **	(0.12)	0.29 ***	(0.10)
Caregiver immigrant status (omitted=no)	1.93	(1.08)	1.63	(1.16)	2.88	(1.84)	3.51	(3.19)
Caregiver history of substance abuse (omitted=no)	0.52	(0.24)	0.43	(0.26)	0.48	(0.32)	0.63	(0.57)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	1.72	(0.59)	1.11	(0.58)	2.08	(1.13)	4.22 *	(2.70)
Post-H.S. technical certificate or college degree	1.22	(0.49)	1.00	(0.53)	1.61	(0.89)	3.89	(2.82)
Caregiver married/partnered (omitted=not married/partnered)	1.67	(0.51)	1.40	(0.65)	0.89	(0.44)	1.14	(0.51)
Natural log of caregiver earnings (in dollars)	1.07	(0.36)	1.27	(0.47)	1.07	(0.49)	0.50	(0.22)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.54	(0.37)	0.68	(0.47)	0.70	(0.63)	0.16 *	(0.15)
Household stressor scale	1.44 *	(0.22)	1.30	(0.26)	1.55 *	(0.31)	1.79 *	(0.45)
Household had health insurance (omitted=no)	1.50	(0.55)	5.66 ***	(2.90)	2.71	(1.38)	1.43	(0.89)
Total number of moves from birth to time of first occurrence	1.35 *	(0.17)	1.45 *	(0.24)	1.54 *	(0.28)	1.04	(0.26)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	2.96 *	(1.34)	2.05	(1.20)	1.26	(0.83)	2.04	(1.52)
Social capital index	1.00	(0.16)	0.99	(0.20)	1.10	(0.22)	1.24	(0.29)
Social problems index	1.65 *	(0.32)	2.15 **	(0.51)	2.43 **	(0.67)	1.93 *	(0.53)
Social vulnerability score	0.47	(0.20)	0.09 **	(0.08)	0.29	(0.26)	1.17	(0.77)
Percent African American residents	1.05	(0.26)	0.88	(0.28)	0.97	(0.31)	1.58	(0.60)
Percent Latino residents	0.98	(0.44)	1.02	(0.73)	1.19	(0.77)	1.56	(1.03)
Occupational prestige score	0.34 ***	(0.11)	0.04 ***	(0.02)	0.24 ***	(0.10)	0.69	(0.31)
Percent foreign born residents	0.47 *	(0.17)	0.21 **	(0.12)	0.33	(0.19)	0.55	(0.32)
Percent of residents who moved in preceding 12 months	1.27	(0.22)	1.67	(0.46)	1.25	(0.29)	1.11	(0.29)
Resource factor score	0.72	(0.16)	0.82	(0.25)	0.70	(0.22)	0.67	(0.24)

Percent of housing built before 1940	1.56 *	(0.29)	3.47 ***	(0.89)	1.90 **	(0.43)	1.50	(0.39)
Violent crime rate per 1,000	0.49 *	(0.16)	0.14 **	(0.09)	0.40	(0.31)	0.21 **	(0.12)
Property crime rate per 1,000	4.84 ***	(1.19)	129.84 ***	(88.52)	8.59 ***	(3.23)	4.26 ***	(1.32)
Child abuse and neglect rate per 1,000	0.50 ***	(0.10)	0.16 ***	(0.06)	0.41 **	(0.12)	0.75	(0.20)
Number of observations	932		629		536		478	
Number of clusters	457		331		294		251	
Log-Likelihood	-215.78		-124.93		-120.92		-96.05	
Chi-square	178.41 ***		169.52 ***		173.72 ***		102.30 ***	
Pseudo-R ²	0.34		0.53		0.43		0.38	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-4. Standardized Core AFT Frailty Models Predicting Timing of Neighborhood Victimization During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.46 ***	(0.14)	1.57 ***	(0.16)	1.70 ***	(0.21)	1.36 **	(0.14)
Latino male	1.22 *	(0.11)	1.25 **	(0.11)	1.37 **	(0.15)	1.21 *	(0.12)
African American female	1.29 **	(0.13)	1.38 **	(0.17)	1.42 *	(0.20)	1.26 *	(0.12)
First born in family (omitted=no)	1.20 **	(0.07)	1.11	(0.07)	1.22 **	(0.09)	1.21 **	(0.08)
Caregiver and Household Characteristics								
Number of siblings in household	1.10 *	(0.05)	1.09 *	(0.05)	1.11 *	(0.06)	1.03	(0.04)
Caregiver reported depressive symptomatology (omitted=no)	1.03	(0.08)	0.98	(0.08)	1.11	(0.11)	1.08	(0.11)
Caregiver age	1.68 ***	(0.10)	1.43 ***	(0.08)	1.63 ***	(0.11)	1.37 ***	(0.06)
Caregiver immigrant status (omitted=no)	0.80 *	(0.09)	0.84	(0.10)	0.80	(0.11)	0.83	(0.09)
Caregiver history of substance abuse (omitted=no)	1.10	(0.11)	1.16	(0.13)	1.10	(0.13)	1.01	(0.11)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.86 *	(0.07)	0.94	(0.08)	0.86	(0.09)	0.81 *	(0.08)
Post-H.S. technical certificate or college degree	0.92	(0.07)	0.94	(0.08)	0.88	(0.10)	0.80 *	(0.08)
Caregiver married/partnered (omitted=not married/partnered)	0.97	(0.06)	1.00	(0.08)	1.09	(0.10)	1.02	(0.07)
Natural log of caregiver earnings (in dollars)	0.98	(0.08)	0.92	(0.06)	0.98	(0.09)	1.15 *	(0.08)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.12	(0.18)	1.02	(0.13)	1.07	(0.19)	1.35 *	(0.20)
Household stressor scale	0.97	(0.03)	1.00	(0.03)	0.96	(0.03)	0.95	(0.03)
Household had health insurance (omitted=no)	0.91	(0.07)	0.78 **	(0.08)	0.81 *	(0.09)	1.01	(0.07)
Total number of moves from birth to time of first occurrence	1.11 **	(0.04)	1.11 **	(0.04)	1.11 **	(0.04)	1.11 *	(0.05)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.84 *	(0.07)	0.96	(0.11)	1.03	(0.12)	0.87	(0.09)
Social capital index	0.99	(0.03)	0.99	(0.03)	0.96	(0.04)	0.98	(0.03)
Social problems index	0.91 *	(0.04)	0.88 **	(0.04)	0.85 **	(0.04)	0.91 *	(0.04)
Social vulnerability score	0.95	(0.08)	1.01	(0.12)	1.05	(0.14)	1.01	(0.08)
Percent African American residents	1.04	(0.05)	1.08	(0.06)	1.06	(0.07)	0.97	(0.05)
Percent Latino residents	1.07	(0.09)	1.10	(0.11)	1.04	(0.12)	0.95	(0.08)
Occupational prestige score	1.21 **	(0.08)	1.39 ***	(0.12)	1.23 *	(0.10)	1.03	(0.06)
Percent foreign born residents	1.13	(0.07)	1.16 *	(0.08)	1.15	(0.10)	1.07	(0.08)
Percent of residents who moved in preceding 12 months	1.00	(0.03)	1.03	(0.04)	1.03	(0.04)	1.00	(0.03)

Resource factor score	1.09	(0.05)	1.06	(0.06)	1.11	(0.07)	1.03	(0.06)
Percent of housing built before 1940	0.92	(0.04)	0.89 *	(0.05)	0.89 *	(0.05)	0.95	(0.03)
Violent crime rate per 1,000	1.16 *	(0.08)	1.16	(0.10)	1.13	(0.13)	1.19 **	(0.08)
Property crime rate per 1,000	0.84 ***	(0.04)	0.79 ***	(0.04)	0.79 ***	(0.05)	0.83 ***	(0.03)
Child abuse and neglect rate per 1,000	1.10 *	(0.04)	1.10 *	(0.05)	1.09	(0.05)	1.01	(0.04)
Number of observations	932		629		536		478	
Number of clusters	457		331		294		251	
Number of failures	105		94		73		47	
Time at risk	10999		6092		5350		6664	
sigma	0.41		0.39		0.39		0.29	
Log-Likelihood	-161.18		-113.64		-92.46		-62.31	
Chi-square	279.32 ***		196.02 ***		272.49 ***		324.30 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-5. Standardized Core Logit Models Predicting Witnessing School Violence During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.40 *	(0.15)	0.39 *	(0.18)	0.29 **	(0.14)	0.38	(0.21)
Latino male	0.32 ***	(0.11)	0.31 **	(0.14)	0.18 ***	(0.08)	0.28 *	(0.15)
African American female	0.80	(0.20)	0.76	(0.25)	0.78	(0.25)	0.65	(0.24)
First born in family (omitted=no)	0.82	(0.16)	1.12	(0.29)	0.87	(0.25)	0.37 **	(0.12)
Caregiver and Household Characteristics								
Number of siblings in household	0.88	(0.12)	1.04	(0.17)	1.03	(0.18)	0.79	(0.14)
Caregiver reported depressive symptomatology (omitted=no)	1.55	(0.45)	1.25	(0.46)	0.85	(0.34)	1.29	(0.58)
Caregiver age	0.70	(0.14)	1.19	(0.19)	0.97	(0.20)	0.53 **	(0.11)
Caregiver immigrant status (omitted=no)	1.16	(0.53)	1.11	(0.59)	0.86	(0.49)	0.94	(0.62)
Caregiver history of substance abuse (omitted=no)	0.52	(0.20)	0.67	(0.36)	0.33	(0.19)	0.41	(0.22)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	1.43	(0.42)	1.47	(0.49)	0.82	(0.30)	1.79	(0.77)
Post-H.S. technical certificate or college degree	0.97	(0.34)	1.12	(0.51)	0.75	(0.32)	1.47	(0.68)
Caregiver married/partnered (omitted=not married/partnered)	2.06 **	(0.53)	2.20 *	(0.73)	2.01 *	(0.71)	1.61	(0.59)
Natural log of caregiver earnings (in dollars)	1.08	(0.30)	0.88	(0.26)	1.09	(0.41)	0.90	(0.31)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.97	(0.53)	0.80	(0.45)	1.77	(1.38)	0.98	(0.66)
Household stressor scale	1.23	(0.15)	1.22	(0.18)	1.30	(0.21)	1.28	(0.21)
Household had health insurance (omitted=no)	1.70	(0.51)	2.48 *	(0.91)	2.44 *	(1.02)	2.47 *	(1.12)
Total number of moves from birth to time of first occurrence	1.08	(0.13)	1.41 *	(0.19)	1.27	(0.20)	0.82	(0.16)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.40	(0.47)	1.23	(0.57)	0.94	(0.46)	1.75	(0.87)
Social capital index	1.14	(0.15)	1.11	(0.19)	1.23	(0.22)	1.55 *	(0.29)
Social problems index	1.51 *	(0.24)	1.60 *	(0.32)	2.02 **	(0.43)	1.43	(0.33)
Social vulnerability score	0.54	(0.19)	0.14 ***	(0.08)	0.14 ***	(0.08)	0.84	(0.38)
Percent African American residents	0.96	(0.19)	0.76	(0.20)	0.78	(0.19)	1.22	(0.31)
Percent Latino residents	0.80	(0.30)	0.69	(0.34)	0.72	(0.33)	1.24	(0.62)
Occupational prestige score	0.42 **	(0.12)	0.11 ***	(0.04)	0.21 ***	(0.08)	0.73	(0.24)
Percent foreign born residents	0.59 *	(0.15)	0.34 **	(0.13)	0.39 **	(0.14)	0.53	(0.20)
Percent of residents who moved in preceding 12 months	1.16	(0.19)	1.64 *	(0.40)	1.54	(0.35)	1.03	(0.22)
Resource factor score	0.89	(0.18)	0.79	(0.18)	0.78	(0.18)	0.62	(0.18)

Percent of housing built before 1940	1.42 *	(0.21)	2.19 ***	(0.51)	2.00 ***	(0.40)	1.09	(0.21)
Violent crime rate per 1,000	0.48 *	(0.14)	0.21 ***	(0.10)	0.55	(0.25)	0.47 *	(0.18)
Property crime rate per 1,000	3.04 ***	(0.64)	31.28 ***	(14.85)	5.78 ***	(1.92)	2.10 **	(0.51)
Child abuse and neglect rate per 1,000	0.57 **	(0.11)	0.23 ***	(0.08)	0.60 *	(0.16)	0.78	(0.19)
Number of observations	814		612		495		416	
Number of clusters	417		336		273		237	
Log-Likelihood	-382.25		-240.45		-210.46		-181.96	
Chi-square	102.12 ***		135.71 ***		104.15 ***		67.41 ***	
Pseudo-R ²	0.21		0.40		0.31		0.22	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-6. Standardized Core AFT Frailty Models Predicting Timing of Witnessing School Violence During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.28 ***	(0.09)	1.19 **	(0.07)	1.31 ***	(0.10)	1.26 ***	(0.07)
Latino male	1.33 ***	(0.09)	1.26 ***	(0.08)	1.49 ***	(0.11)	1.26 ***	(0.08)
African American female	1.09	(0.06)	1.06	(0.06)	1.06	(0.07)	1.07	(0.05)
First born in family (omitted=no)	1.18 ***	(0.04)	1.15 ***	(0.05)	1.19 ***	(0.05)	1.26 ***	(0.05)
Caregiver and Household Characteristics								
Number of siblings in household	1.07 *	(0.03)	1.06 *	(0.03)	1.06	(0.03)	1.06 *	(0.03)
Caregiver reported depressive symptomatology (omitted=no)	0.88 *	(0.05)	0.92	(0.05)	0.93	(0.07)	0.93	(0.06)
Caregiver age	1.24 ***	(0.06)	1.14 ***	(0.04)	1.18 ***	(0.06)	1.25 ***	(0.03)
Caregiver immigrant status (omitted=no)	0.91	(0.08)	0.91	(0.07)	0.96	(0.11)	0.97	(0.08)
Caregiver history of substance abuse (omitted=no)	1.08	(0.07)	1.03	(0.07)	1.16	(0.11)	1.08	(0.08)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.92	(0.05)	0.93	(0.05)	0.99	(0.07)	0.90	(0.05)
Post-H.S. technical certificate or college degree	0.99	(0.07)	1.00	(0.06)	1.05	(0.09)	0.89 *	(0.05)
Caregiver married/partnered (omitted=not married/partnered)	0.88 *	(0.05)	0.90 *	(0.05)	0.90	(0.06)	0.97	(0.05)
Natural log of caregiver earnings (in dollars)	1.02	(0.06)	1.03	(0.05)	1.07	(0.08)	1.05	(0.05)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.03	(0.12)	1.03	(0.10)	1.07	(0.15)	1.03	(0.11)
Household stressor scale	0.97	(0.02)	0.98	(0.02)	0.98	(0.03)	0.99	(0.02)
Household had health insurance (omitted=no)	0.90	(0.06)	0.87 *	(0.05)	0.91	(0.07)	0.91	(0.06)
Total number of moves from birth to time of first occurrence	1.11 ***	(0.03)	1.07 ***	(0.02)	1.13 ***	(0.03)	1.14 ***	(0.03)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.97	(0.06)	1.01	(0.06)	1.06	(0.08)	0.95	(0.06)
Social capital index	1.00	(0.03)	1.02	(0.03)	1.00	(0.03)	0.94 **	(0.02)
Social problems index	0.93 **	(0.02)	0.94 *	(0.03)	0.89 ***	(0.03)	0.95 *	(0.03)
Social vulnerability score	1.00	(0.05)	1.11	(0.06)	1.13	(0.09)	1.00	(0.06)
Percent African American residents	0.99	(0.04)	0.99	(0.04)	1.00	(0.05)	0.98	(0.03)
Percent Latino residents	1.02	(0.06)	1.02	(0.06)	1.01	(0.08)	0.96	(0.06)
Occupational prestige score	1.07	(0.05)	1.13 **	(0.05)	1.17 **	(0.07)	1.01	(0.04)
Percent foreign born residents	1.06	(0.05)	1.06	(0.04)	1.14 *	(0.07)	1.07	(0.05)
Percent of residents who moved in preceding 12 months	0.98	(0.03)	0.96	(0.03)	0.95	(0.04)	1.00	(0.03)

Resource factor score	0.99	(0.03)	0.99	(0.03)	1.03	(0.04)	1.06	(0.04)
Percent of housing built before 1940	0.99	(0.02)	1.01	(0.02)	0.96	(0.03)	0.99	(0.02)
Violent crime rate per 1,000	1.08 *	(0.04)	1.08 *	(0.04)	1.13 **	(0.05)	1.12 **	(0.05)
Property crime rate per 1,000	0.91 ***	(0.03)	0.86 ***	(0.02)	0.86 ***	(0.03)	0.95	(0.03)
Child abuse and neglect rate per 1,000	1.03	(0.03)	1.04	(0.03)	1.00	(0.03)	0.97	(0.03)
Number of observations	814		612		495		416	
Number of clusters	417		336		273		237	
Number of failures	229		220		153		104	
Time at risk	9267		6045		4970		5398	
sigma	0.34		0.30		0.32		0.25	
Log-Likelihood	-240.01		-138.33		-126.49		-88.00	
Chi-square	254.72 ***		176.94 ***		269.64 ***		301.51 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-7. Standardized Core Logit Models Predicting Being Victimized at School During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE	OR	SE
Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.43	(0.23)	0.66	(0.37)	0.29 *	(0.17)	0.56	(0.49)
Latino male	0.72	(0.32)	0.93	(0.54)	0.41	(0.24)	0.95	(0.70)
African American female	0.69	(0.28)	0.42	(0.24)	0.32	(0.21)	0.43	(0.30)
First born in family (omitted=no)	0.75	(0.24)	0.99	(0.49)	0.47	(0.21)	0.38	(0.23)
Caregiver and Household Characteristics								
Number of siblings in household	0.68	(0.15)	0.93	(0.24)	0.69	(0.22)	0.79	(0.24)
Caregiver reported depressive symptomatology (omitted=no)	2.73 **	(0.93)	2.15	(1.04)	2.93 *	(1.38)	2.66 *	(1.29)
Caregiver age	0.41 ***	(0.10)	1.16	(0.31)	0.52 *	(0.16)	0.32 **	(0.14)
Caregiver immigrant status (omitted=no)	2.42	(1.24)	0.92	(0.63)	2.10	(1.29)	0.76	(0.90)
Caregiver history of substance abuse (omitted=no)	0.27 *	(0.18)	0.30	(0.20)	0.06 **	(0.06)	0.13	(0.16)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	1.75	(0.73)	1.79	(1.11)	1.89	(1.30)	2.27	(1.77)
Post-H.S. technical certificate or college degree	1.27	(0.64)	3.59	(2.41)	4.48	(3.74)	2.28	(1.75)
Caregiver married/partnered (omitted=not married/partnered)	1.44	(0.48)	1.10	(0.55)	1.55	(0.81)	1.51	(0.71)
Natural log of caregiver earnings (in dollars)	1.12	(0.53)	1.53	(0.67)	1.44	(0.70)	0.56	(0.54)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.76	(0.74)	1.68	(1.36)	2.50	(2.78)	0.24	(0.50)
Household stressor scale	0.87	(0.16)	0.90	(0.19)	0.54	(0.19)	0.77	(0.24)
Household had health insurance (omitted=no)	1.43	(0.64)	4.11	(3.06)	9.54 *	(9.67)	0.92	(0.61)
Total number of moves from birth to time of first occurrence	1.01	(0.19)	1.18	(0.28)	0.98	(0.22)	0.88	(0.29)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.98	(0.47)	1.20	(0.83)	1.49	(0.87)	1.79	(0.99)
Social capital index	1.03	(0.18)	1.18	(0.26)	1.13	(0.23)	1.41	(0.44)
Social problems index	1.86 **	(0.44)	2.48 **	(0.85)	2.55 *	(1.02)	1.61	(0.53)
Social vulnerability score	0.46	(0.21)	0.09 *	(0.09)	0.06 **	(0.06)	0.84	(0.48)
Percent African American residents	0.85	(0.22)	0.38 *	(0.15)	0.79	(0.32)	1.21	(0.48)
Percent Latino residents	0.44	(0.20)	0.10 *	(0.10)	0.48	(0.41)	0.61	(0.39)
Occupational prestige score	0.15 ***	(0.08)	0.01 ***	(0.01)	0.01 ***	(0.02)	0.39	(0.24)
Percent foreign born residents	0.52	(0.18)	0.43	(0.33)	0.13 **	(0.10)	0.53	(0.25)
Percent of residents who moved in preceding 12 months	1.39	(0.26)	1.78	(0.61)	3.77 ***	(1.28)	1.46	(0.35)
Resource factor score	0.85	(0.22)	0.89	(0.36)	0.50 *	(0.16)	0.54	(0.20)
Percent of housing built before 1940	1.78 **	(0.36)	3.74 ***	(1.48)	4.35 **	(2.11)	1.51	(0.50)

Violent crime rate per 1,000	0.48	(0.22)	0.15 *	(0.12)	0.17	(0.16)	0.46	(0.34)
Property crime rate per 1,000	2.28 ***	(0.57)	24.61 ***	(13.96)	4.40 ***	(1.81)	1.66	(0.71)
Child abuse and neglect rate per 1,000	0.80	(0.20)	0.45	(0.22)	1.25	(0.44)	0.63	(0.21)
Number of observations	913		572		487		506	
Number of clusters	466		323		272		275	
Log-Likelihood	-175.46		-94.01		-77.87		-84.37	
Chi-square	74.38 ***		111.42 ***		62.25 ***		53.91 **	
Pseudo-R ²	0.24		0.48		0.42		0.22	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-8. Standardized Core AFT Frailty Models Predicting Timing of School Victimization During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.30 *	(0.15)	1.19	(0.13)	1.42 **	(0.19)	1.32	(0.19)
Latino male	1.17	(0.11)	1.04	(0.11)	1.24	(0.15)	1.13	(0.14)
African American female	1.23 *	(0.12)	1.38 ***	(0.13)	1.41 **	(0.17)	1.25	(0.16)
First born in family (omitted=no)	1.16 *	(0.08)	1.07	(0.09)	1.33 **	(0.14)	1.25 *	(0.13)
Caregiver and Household Characteristics								
Number of siblings in household	1.17 ***	(0.05)	1.09 *	(0.05)	1.18 **	(0.06)	1.12 *	(0.05)
Caregiver reported depressive symptomatology (omitted=no)	0.80 *	(0.08)	0.84	(0.09)	0.78 *	(0.09)	0.89	(0.09)
Caregiver age	1.50 ***	(0.09)	1.15 **	(0.06)	1.53 ***	(0.11)	1.47 ***	(0.10)
Caregiver immigrant status (omitted=no)	0.80 *	(0.09)	0.90	(0.11)	0.78	(0.11)	0.99	(0.17)
Caregiver history of substance abuse (omitted=no)	1.30 *	(0.17)	1.32	(0.19)	1.74 **	(0.33)	1.47 *	(0.25)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.88	(0.08)	0.84	(0.08)	0.96	(0.13)	0.95	(0.13)
Post-H.S. technical certificate or college degree	0.93	(0.09)	0.80 *	(0.08)	0.81	(0.12)	0.91	(0.12)
Caregiver married/partnered (omitted=not married/partnered)	0.99	(0.08)	1.04	(0.10)	0.96	(0.09)	0.94	(0.10)
Natural log of caregiver earnings (in dollars)	0.99	(0.10)	0.98	(0.08)	0.97	(0.10)	1.10	(0.15)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.06	(0.22)	0.95	(0.16)	0.94	(0.21)	1.17	(0.33)
Household stressor scale	1.01	(0.04)	1.00	(0.05)	1.08	(0.07)	1.08	(0.06)
Household had health insurance (omitted=no)	0.91	(0.09)	0.71 **	(0.09)	0.62 **	(0.10)	1.03	(0.11)
Total number of moves from birth to time of first occurrence	1.12 *	(0.06)	1.07	(0.06)	1.15 **	(0.06)	1.13 *	(0.06)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.96	(0.08)	0.87	(0.08)	1.00	(0.12)	0.84	(0.08)
Social capital index	0.98	(0.03)	0.96	(0.04)	0.97	(0.04)	0.95	(0.05)
Social problems index	0.92	(0.04)	0.91	(0.05)	0.91	(0.07)	0.94	(0.06)
Social vulnerability score	1.07	(0.10)	1.22	(0.14)	1.32	(0.23)	1.03	(0.10)
Percent African American residents	1.01	(0.05)	1.08	(0.07)	0.91	(0.07)	0.97	(0.07)
Percent Latino residents	1.13	(0.10)	1.31 *	(0.16)	0.94	(0.13)	1.05	(0.14)
Occupational prestige score	1.36 ***	(0.11)	1.67 ***	(0.18)	1.56 ***	(0.20)	1.15	(0.12)
Percent foreign born residents	1.14	(0.08)	1.08	(0.11)	1.38 *	(0.18)	1.13	(0.11)
Percent of residents who moved in preceding 12 months	0.94	(0.04)	0.96	(0.05)	0.82 ***	(0.04)	0.95	(0.04)
Resource factor score	1.11 *	(0.06)	1.05	(0.07)	1.17 **	(0.07)	1.17 *	(0.07)

Percent of housing built before 1940	0.88 **	(0.04)	0.88 **	(0.04)	0.83 **	(0.05)	0.93	(0.06)
Violent crime rate per 1,000	1.11	(0.10)	1.15	(0.12)	1.36	(0.25)	1.15	(0.12)
Property crime rate per 1,000	0.94	(0.05)	0.76 ***	(0.05)	0.87	(0.07)	0.95	(0.09)
Child abuse and neglect rate per 1,000	1.04	(0.06)	1.09	(0.07)	0.94	(0.06)	1.07	(0.06)
Number of observations	913		572		487		506	
Number of clusters	466		323		272		275	
Number of failures	64		55		38		28	
Time at risk	11385		5824		5294		7154	
sigma	0.45		0.39		0.41		0.43	
Log-Likelihood	-135.74		-74.99		-62.09		-67.37	
Chi-square	213.59 ***		141.25 ***		329.92 ***		229.36 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-V-9. Standardized Core Logit Models Predicting Witnessing Violence at Home During Childhood

	Ever in DHA ^a		Currently in DHA		Majority in DHA ^b		Mostly in DHA ^c	
	OR	SE	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	0.60	(0.38)	0.44	(0.26)	0.43	(0.30)	5.81	(8.64)
Latino male	0.67	(0.48)	0.43	(0.32)	0.46	(0.34)	10.21	(12.69)
African American female	1.48	(0.75)	0.76	(0.33)	1.70	(0.93)	2.10	(3.73)
First born in family (omitted=no)	0.77	(0.27)	0.86	(0.31)	0.70	(0.33)	0.33	(0.28)
Caregiver and Household Characteristics								
Number of siblings in household	1.18	(0.37)	1.28	(0.40)	1.49	(0.74)	0.36 *	(0.17)
Caregiver reported depressive symptomatology (omitted=no)	2.34	(1.13)	1.72	(0.96)	1.84	(0.99)	0.67	(0.66)
Caregiver age	0.05 ***	(0.04)	0.15 **	(0.10)	0.06 **	(0.06)	0.02 ***	(0.02)
Caregiver immigrant status (omitted=no)	1.71	(1.69)	0.80	(0.83)	0.94	(1.44)	5.37	(6.97)
Caregiver history of substance abuse (omitted=no)	1.19	(0.80)	1.13	(0.79)	1.03	(0.79)	4.75	(4.75)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	1.60	(1.07)	0.99	(0.69)	0.75	(0.70)	3.09	(4.32)
Post-H.S. technical certificate or college degree	2.47	(1.48)	1.53	(0.88)	2.12	(1.42)	2.68	(2.83)
Caregiver married/partnered (omitted=not married/partnered)	2.05	(1.01)	3.14 *	(1.70)	1.99	(0.98)	0.89	(0.48)
Natural log of caregiver earnings (in dollars)	1.09	(0.48)	1.13	(0.56)	0.87	(0.39)	1.72	(2.12)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.46	(0.40)	0.47	(0.47)	0.34	(0.31)	0.37	(0.64)
Household stressor scale	1.18	(0.29)	1.29	(0.35)	1.17	(0.31)	1.92	(1.29)
Household had health insurance (omitted=no)	0.63	(0.38)	0.70	(0.47)	0.52	(0.37)	2.75	(3.75)
Total number of moves from birth to time of first occurrence	0.61	(0.20)	0.73	(0.20)	0.67	(0.19)	0.33	(0.36)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	0.64	(0.46)	0.54	(0.45)	0.24	(0.25)	1.22	(1.30)
Social capital index	1.55	(0.44)	1.50	(0.43)	1.78	(0.70)	1.51	(0.95)
Social problems index	1.94	(0.71)	1.90	(0.71)	2.71 *	(1.34)	1.31	(0.54)
Social vulnerability score	0.12 *	(0.10)	0.05 **	(0.05)	0.04 **	(0.04)	244.12 ***	(392.42)
Percent African American residents	0.35 *	(0.15)	0.29 **	(0.13)	0.46	(0.18)	0.00 ***	(0.00)
Percent Latino residents	0.29	(0.19)	0.12 **	(0.10)	0.41	(0.28)	0.42	(0.49)
Occupational prestige score	0.06 ***	(0.04)	0.02 ***	(0.02)	0.04 ***	(0.04)	0.27	(0.23)
Percent foreign born residents	0.71	(0.38)	0.59	(0.38)	0.41	(0.27)	0.22	(0.18)
Percent of residents who moved in preceding 12 months	1.21	(0.43)	1.43	(0.59)	0.97	(0.45)	0.37	(0.29)
Resource factor score	2.54 **	(0.87)	2.50 *	(1.02)	3.14 *	(1.41)	0.86	(0.50)

Percent of housing built before 1940	1.46	(0.41)	2.87 *	(1.21)	1.90	(0.68)	1.27	(0.71)
Violent crime rate per 1,000	0.44	(0.24)	0.18 *	(0.15)	0.26	(0.19)	0.43	(0.60)
Property crime rate per 1,000	12.39 ***	(7.46)	89.08 ***	(75.94)	41.33 ***	(43.67)	9.50 *	(8.59)
Child abuse and neglect rate per 1,000	0.70	(0.18)	0.35 **	(0.14)	0.60	(0.18)	0.47	(0.18)
Number of observations	745		495		426		398	
Number of clusters	392		282		243		220	
Log-Likelihood	-112.09		-99.23		-76.89		-32.89	
Chi-square	89.16 ***		81.33 ***		89.36 ***		86.78 ***	
Pseudo-R ²	0.51		0.54		0.56		0.61	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

^aNote at bottom of table: 3 failures and 0 successes completely determined.

^bNote at bottom of table: 2 failures and 0 successes completely determined.

^cNote at bottom of table: 105 failures and 0 successes completely determined. This suggests a potential problem with the model, but there are no other notes in the output that indicate which variables might be involved. It may simply be the case that the % with the outcome is just too small (5.5% in analysis sample) for a model with this many predictors.

Appendix E-V-10. Standardized Core AFT Frailty Models Predicting Timing of Witnessing Violence at Home During Childhood

	Ever in DHA		Currently in DHA		Majority in DHA		Mostly in DHA	
	TmR	SE	TR	SE	TR	SE	TR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>								
Child Characteristics								
Gender and ethnicity of child (omitted=African American male)								
Latina female	1.12	(0.15)	1.13	(0.19)	1.16	(0.17)	0.74	(0.13)
Latino male	1.03	(0.15)	1.11	(0.20)	1.12	(0.18)	0.72 *	(0.12)
African American female	0.96	(0.11)	1.00	(0.15)	0.92	(0.13)	0.89	(0.17)
First born in family (omitted=no)	1.57 ***	(0.13)	1.64 ***	(0.15)	1.56 ***	(0.14)	1.42 ***	(0.10)
Caregiver and Household Characteristics								
Number of siblings in household	1.08	(0.07)	1.11	(0.08)	1.04	(0.07)	1.17 *	(0.08)
Caregiver reported depressive symptomatology (omitted=no)	0.78 *	(0.09)	0.78	(0.10)	0.79 *	(0.09)	1.06	(0.12)
Caregiver age	2.85 ***	(0.27)	2.61 ***	(0.34)	2.37 ***	(0.22)	2.05 ***	(0.21)
Caregiver immigrant status (omitted=no)	0.81	(0.17)	1.16	(0.35)	0.81	(0.17)	0.81	(0.14)
Caregiver history of substance abuse (omitted=no)	0.85	(0.12)	0.92	(0.15)	0.81	(0.13)	0.78 *	(0.10)
Caregiver educational attainment (omitted=no degree)								
H.S. diploma	0.73 *	(0.11)	0.80	(0.14)	0.83	(0.13)	0.71 *	(0.10)
Post-H.S. technical certificate or college degree	0.70 **	(0.09)	0.66 **	(0.10)	0.75 *	(0.11)	0.78	(0.12)
Caregiver married/partnered (omitted=not married/partnered)	0.93	(0.08)	0.87	(0.11)	0.95	(0.10)	1.10	(0.08)
Natural log of caregiver earnings (in dollars)	1.02	(0.10)	1.03	(0.13)	1.08	(0.12)	1.00	(0.09)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.24	(0.23)	1.28	(0.31)	1.40	(0.27)	1.33	(0.21)
Household stressor scale	0.97	(0.05)	0.95	(0.06)	0.95	(0.05)	0.95	(0.05)
Household had health insurance (omitted=no)	1.00	(0.12)	1.05	(0.16)	1.02	(0.13)	1.09	(0.12)
Total number of moves from birth to time of first occurrence	1.40 ***	(0.13)	1.41 **	(0.15)	1.42 ***	(0.11)	1.22 *	(0.12)
Neighborhood Characteristics								
Living in neighborhood with negative peers (omitted=no)	1.09	(0.16)	1.29	(0.25)	1.26	(0.19)	1.04	(0.15)
Social capital index	0.97	(0.05)	1.02	(0.07)	0.99	(0.06)	1.01	(0.07)
Social problems index	0.86 *	(0.06)	0.82 *	(0.07)	0.84 *	(0.06)	0.90	(0.06)
Social vulnerability score	1.45 *	(0.24)	1.95 **	(0.41)	1.68 **	(0.29)	0.71	(0.18)
Percent African American residents	1.32 **	(0.11)	1.24 *	(0.13)	1.10	(0.08)	2.72	(1.51)
Percent Latino residents	1.49 **	(0.21)	1.66 **	(0.31)	1.20	(0.16)	1.19	(0.18)
Occupational prestige score	1.80 ***	(0.22)	2.18 ***	(0.38)	1.55 ***	(0.17)	1.36 **	(0.15)
Percent foreign born residents	1.07	(0.13)	1.14	(0.17)	1.18	(0.16)	1.19	(0.13)
Percent of residents who moved in preceding 12 months	0.92	(0.06)	0.90	(0.08)	0.94	(0.07)	1.08	(0.06)

Resource factor score	0.84 *	(0.07)	0.75 **	(0.08)	0.82 *	(0.07)	0.99	(0.07)
Percent of housing built before 1940	0.92	(0.06)	0.82 *	(0.09)	0.94	(0.07)	0.88 *	(0.06)
Violent crime rate per 1,000	1.11	(0.13)	1.12	(0.17)	1.15	(0.15)	1.29	(0.20)
Property crime rate per 1,000	0.69 ***	(0.07)	0.64 ***	(0.07)	0.64 ***	(0.07)	0.99	(0.08)
Child abuse and neglect rate per 1,000	1.02	(0.07)	1.03	(0.07)	1.04	(0.08)	0.96	(0.06)
Number of observations	745		495		426		398	
Number of clusters	392		282		243		220	
Number of failures	69		79		60		22	
Time at risk	8969		4764		4409		5585	
sigma	0.50		0.60		0.47		0.31	
Log-Likelihood	-110.78		-128.48		-82.15		-27.17	
Chi-square	384.74 ***		345.62 ***		366.18 ***		363.05 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-1. Standardized Core Logit Models Predicting Childhood Onset of Smoking

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	2.26	(1.02)	1.84	(0.91)	1.78	(1.31)
Latino male	2.60 *	(1.04)	2.31 *	(0.98)	1.81	(1.03)
African American female	1.71	(0.70)	1.24	(0.57)	2.65	(1.47)
First born in family (omitted=no)	1.18	(0.33)	1.05	(0.32)	0.78	(0.35)
Early onset of puberty (omitted=on time, late, or not yet)	0.96	(0.53)	1.18	(0.76)	1.02	(0.68)
Caregiver and Household Characteristics						
Number of siblings in household	0.64 *	(0.11)	0.58 **	(0.11)	0.78	(0.20)
Caregiver reported depressive symptomatology (omitted=no)	2.15 *	(0.77)	2.11	(0.85)	1.34	(0.69)
Caregiver age	1.12	(0.15)	1.10	(0.16)	1.53 *	(0.29)
Caregiver immigrant status (omitted=no)	0.77	(0.41)	0.86	(0.45)	0.75	(0.69)
Caregiver history of substance abuse (omitted=no)	1.20	(0.48)	1.45	(0.64)	0.71	(0.39)
Caregiver disability status (omitted=not disabled)	1.38	(0.67)	1.53	(0.82)	1.10	(0.59)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.07	(0.36)	1.06	(0.40)	1.44	(0.78)
Post-H.S. technical certificate	0.44	(0.21)	0.50	(0.25)	0.91	(0.61)
College degree	0.44	(0.22)	0.58	(0.30)	0.79	(0.62)
Caregiver married/partnered (omitted=not married/partnered)	1.37	(0.40)	1.62	(0.53)	1.03	(0.41)
Natural log of caregiver earnings (in dollars)	0.98	(0.31)	1.14	(0.40)	0.90	(0.31)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.36	(0.24)	0.44	(0.33)	0.65	(0.46)
Household stressor scale	0.99	(0.16)	0.96	(0.20)	1.15	(0.21)
Household had health insurance (omitted=no)	1.34	(0.42)	1.32	(0.45)	1.45	(0.92)
Total number of moves from birth to onset	1.00	(0.13)	1.05	(0.15)	1.31	(0.23)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.20	(0.46)	1.20	(0.52)	1.32	(0.69)
Social capital index	0.73 *	(0.11)	0.76	(0.13)	1.17	(0.27)
Social problems index	1.54 *	(0.30)	1.33	(0.32)	1.78	(0.57)
Social vulnerability score	1.16	(0.54)	0.79	(0.41)	0.99	(0.72)
Percent African American residents	1.15	(0.25)	1.05	(0.23)	0.97	(0.33)
Percent Latino residents	0.74	(0.32)	0.84	(0.42)	1.06	(0.70)

Occupational prestige score	0.69	(0.21)	0.64	(0.22)	1.15	(0.56)
Percent foreign born residents	0.89	(0.28)	0.84	(0.31)	1.04	(0.52)
Living in neighborhood with hospitals and clinics (omitted=no)	0.92	(0.42)	0.83	(0.42)	0.57	(0.37)
Resource factor score	1.02	(0.24)	0.89	(0.26)	1.82 *	(0.52)
Percent of housing built before 1940	0.90	(0.19)	0.99	(0.23)	0.82	(0.26)
Violent crime rate per 1,000	0.43 *	(0.16)	0.49	(0.22)	0.60	(0.36)
Property crime rate per 1,000	3.12 ***	(0.72)	3.96 ***	(1.05)	2.67 ***	(0.74)
Child abuse and neglect rate per 1,000	0.69	(0.13)	0.73	(0.15)	0.74	(0.26)
Respiratory hazards index	0.94	(0.16)	0.91	(0.18)	0.62	(0.19)
Number of observations	760		590		465	
Number of clusters	402		328		261	
Log-Likelihood	-237.17		-187.72		-119.35	
Chi-square	88.26 ***		73.87 ***		64.44 ***	
Pseudo-R ²	0.20		0.22		0.21	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-2. Standardized Core Cox Models Predicting Hazard of Smoking During Childhood

	Ever in DHA		Currently in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE
Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	2.13	(0.87)	1.78	(0.78)	1.20	(0.78)
Latino male	2.20 *	(0.80)	1.66	(0.64)	1.55	(0.82)
African American female	1.22	(0.41)	0.89	(0.32)	1.87	(0.90)
First born in family (omitted=no)	0.90	(0.21)	0.89	(0.23)	0.54	(0.23)
Early onset of puberty (omitted=on time, late, or not yet)	1.13	(0.55)	1.58	(0.79)	0.95	(0.77)
Caregiver and Household Characteristics						
Number of siblings in household	0.62 **	(0.10)	0.57 ***	(0.09)	0.82	(0.20)
Caregiver reported depressive symptomatology (omitted=no)	1.80	(0.57)	1.97 *	(0.63)	0.94	(0.52)
Caregiver age	0.66 *	(0.12)	0.57 **	(0.12)	0.92	(0.23)
Caregiver immigrant status (omitted=no)	1.31	(0.55)	1.60	(0.65)	1.18	(0.92)
Caregiver history of substance abuse (omitted=no)	1.22	(0.50)	1.71	(0.73)	1.20	(0.73)
Caregiver disability status (omitted=not disabled)	1.38	(0.63)	1.52	(0.79)	1.36	(0.70)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.13	(0.33)	1.25	(0.39)	1.35	(0.81)
Post-H.S. technical certificate	0.62	(0.23)	0.83	(0.36)	1.03	(0.57)
College degree	0.50	(0.24)	0.73	(0.31)	1.38	(1.14)
Caregiver married/partnered (omitted=not married/partnered)	1.12	(0.27)	1.26	(0.32)	0.91	(0.36)
Natural log of caregiver earnings (in dollars)	0.87	(0.24)	0.94	(0.30)	0.60	(0.27)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.38	(0.22)	0.46	(0.29)	0.28	(0.25)
Household stressor scale	0.99	(0.13)	1.00	(0.18)	0.96	(0.18)
Household had health insurance (omitted=no)	1.34	(0.34)	1.36	(0.41)	1.59	(0.93)
Total number of moves from birth to onset	0.82	(0.09)	0.79 *	(0.09)	0.83	(0.15)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.17	(0.35)	1.11	(0.36)	1.53	(0.80)
Social capital index	0.84	(0.11)	0.92	(0.13)	1.09	(0.23)
Social problems index	1.51 **	(0.24)	1.35	(0.26)	1.46	(0.43)
Social vulnerability score	1.13	(0.37)	0.97	(0.36)	1.06	(0.59)
Percent African American residents	1.18	(0.21)	1.18	(0.21)	0.86	(0.28)
Percent Latino residents	0.81	(0.29)	0.99	(0.40)	0.81	(0.45)
Occupational prestige score	1.12	(0.28)	1.06	(0.33)	1.23	(0.46)

Percent foreign born residents	1.20	(0.31)	1.22	(0.32)	1.39	(0.54)
Living in neighborhood with hospitals and clinics (omitted=no)	0.99	(0.39)	0.80	(0.34)	0.50	(0.30)
Resource factor score	1.05	(0.23)	1.06	(0.25)	1.57	(0.47)
Percent of housing built before 1940	0.79	(0.13)	0.84	(0.15)	0.81	(0.21)
Violent crime rate per 1,000	0.84	(0.22)	0.82	(0.26)	0.83	(0.39)
Property crime rate per 1,000	1.60 **	(0.27)	1.72 *	(0.38)	1.62 *	(0.36)
Child abuse and neglect rate per 1,000	1.00	(0.13)	1.08	(0.16)	1.26	(0.40)
Respiratory hazards index	0.96	(0.12)	0.98	(0.12)	0.67	(0.16)
Number of observations	760		590		465	
Number of clusters	402		328		261	
Number of failures	100		84		46	
Time at risk	10878		8338		6443	
Log-Likelihood	-545.33		-429.88		-222.08	
Chi-square	101.00 ***		109.10 ***		62.24 ***	
Global PH Chi-square	35.34		36.89		36.73	
Global PH df	35		35		35	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-3. Standardized Core Logit Models Predicting Childhood Onset of Alcohol Consumption

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	2.18	(1.16)	1.09	(0.91)	8.88 *	(9.12)
Latino male	3.19 *	(1.64)	2.37	(1.85)	8.21 *	(8.53)
African American female	1.96	(0.93)	3.43	(2.72)	6.70 *	(6.09)
First born in family (omitted=no)	0.87	(0.25)	1.69	(0.95)	0.78	(0.32)
Early onset of puberty (omitted=on time, late, or not yet)	0.80	(0.39)	1.16	(0.88)	0.21	(0.20)
Caregiver and Household Characteristics						
Number of siblings in household	0.61 **	(0.11)	0.79	(0.20)	0.69	(0.19)
Caregiver reported depressive symptomatology (omitted=no)	1.88	(0.74)	3.81 *	(2.07)	4.51 *	(2.70)
Caregiver age	0.62 *	(0.13)	1.26	(0.32)	0.95	(0.34)
Caregiver immigrant status (omitted=no)	0.52	(0.32)	0.39	(0.36)	0.19	(0.23)
Caregiver history of substance abuse (omitted=no)	1.23	(0.58)	2.18	(1.38)	0.41	(0.34)
Caregiver disability status (omitted=not disabled)	1.04	(0.51)	0.49	(0.45)	1.22	(0.90)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.44	(0.55)	1.29	(0.72)	1.94	(1.28)
Post-H.S. technical certificate	1.24	(0.56)	1.05	(0.77)	3.53	(2.74)
College degree	1.15	(0.63)	1.76	(1.93)	0.67	(0.53)
Caregiver married/partnered (omitted=not married/partnered)	0.98	(0.31)	1.03	(0.53)	0.78	(0.42)
Natural log of caregiver earnings (in dollars)	0.83	(0.36)	0.29 *	(0.14)	1.53	(0.67)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.38	(0.33)	0.07 **	(0.07)	2.20	(1.92)
Household stressor scale	1.03	(0.18)	0.61	(0.16)	1.20	(0.33)
Household had health insurance (omitted=no)	1.29	(0.53)	0.40	(0.27)	0.66	(0.46)
Total number of moves from birth to onset	1.13	(0.15)	1.42	(0.31)	1.15	(0.24)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.93	(0.42)	0.90	(0.56)	1.36	(1.02)
Social capital index	0.71 *	(0.12)	0.96	(0.28)	0.96	(0.24)
Social problems index	1.31	(0.32)	1.30	(0.44)	1.15	(0.43)

Social vulnerability score	2.74 *	(1.31)	5.36 *	(4.45)	2.03	(1.29)
Percent African American residents	0.62	(0.16)	0.42	(0.20)	0.68	(0.32)
Percent Latino residents	0.44	(0.20)	0.68	(0.52)	0.67	(0.48)
Occupational prestige score	0.38 **	(0.12)	0.06 ***	(0.04)	1.02	(0.48)
Percent foreign born residents	0.89	(0.30)	0.24 *	(0.16)	1.09	(0.60)
Living in neighborhood with hospitals and clinics (omitted=no)	0.72	(0.34)	1.41	(0.91)	0.24	(0.19)
Resource factor score	0.93	(0.28)	0.43 *	(0.18)	1.26	(0.61)
Percent of housing built before 1940	1.40	(0.30)	2.17 *	(0.71)	0.94	(0.37)
Violent crime rate per 1,000	0.19 ***	(0.09)	0.01 ***	(0.01)	0.29	(0.20)
Property crime rate per 1,000	2.24 **	(0.58)	62.69 ***	(44.36)	3.30 **	(1.22)
Child abuse and neglect rate per 1,000	0.64 *	(0.13)	0.10 ***	(0.05)	0.73	(0.19)
Respiratory hazards index	0.85	(0.14)	0.97	(0.37)	0.59 *	(0.14)
Number of observations	733		443		465	
Number of clusters	395		270		253	
Log-Likelihood	-201.24		-85.79		-85.86	
Chi-square	80.23 ***		147.70 ***		127.60 ***	
Pseudo-R ²	0.22		0.55		0.29	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-4. Standardized Core Cox Models Predicting Hazard of Alcohol Consumption During Childhood

	Ever in DHA		Currently in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.70	(0.78)	0.98	(0.45)	3.66	(3.85)
Latino male	1.85	(0.79)	1.02	(0.47)	4.78	(4.97)
African American female	1.49	(0.63)	1.45	(0.57)	3.90	(3.83)
First born in family (omitted=no)	0.62	(0.16)	0.94	(0.31)	0.35 *	(0.17)
Early onset of puberty (omitted=on time, late, or not yet)	1.12	(0.49)	2.28	(1.40)	0.22	(0.21)
Caregiver and Household Characteristics						
Number of siblings in household	0.60 ***	(0.09)	1.04	(0.18)	0.60	(0.17)
Caregiver reported depressive symptomatology (omitted=no)	1.56	(0.54)	2.80 **	(1.09)	3.87	(2.93)
Caregiver age	0.22 ***	(0.07)	0.49 **	(0.13)	0.23 *	(0.15)
Caregiver immigrant status (omitted=no)	1.10	(0.48)	0.63	(0.42)	0.51	(0.47)
Caregiver history of substance abuse (omitted=no)	1.36	(0.60)	1.39	(0.53)	0.89	(0.73)
Caregiver disability status (omitted=not disabled)	1.74	(0.83)	2.25	(1.24)	2.07	(2.01)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.64	(0.51)	0.88	(0.29)	3.91	(3.10)
Post-H.S. technical certificate	1.80	(0.70)	2.02	(1.14)	8.49 *	(8.28)
College degree	1.36	(0.68)	2.48 *	(1.15)	3.15	(3.05)
Caregiver married/partnered (omitted=not married/partnered)	0.77	(0.23)	0.53	(0.22)	0.44	(0.30)
Natural log of caregiver earnings (in dollars)	0.96	(0.44)	0.68	(0.30)	1.36	(0.65)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.76	(0.73)	0.59	(0.50)	2.07	(1.79)
Household stressor scale	0.91	(0.12)	0.70 *	(0.13)	0.88	(0.22)
Household had health insurance (omitted=no)	0.86	(0.29)	0.30 **	(0.13)	0.41	(0.24)
Total number of moves from birth to onset	0.87	(0.10)	0.89	(0.13)	0.59 **	(0.10)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.13	(0.40)	1.81	(0.72)	1.14	(0.93)
Social capital index	0.96	(0.14)	0.94	(0.16)	1.19	(0.33)
Social problems index	1.23	(0.27)	0.92	(0.22)	0.83	(0.27)
Social vulnerability score	1.61	(0.59)	0.93	(0.55)	1.82	(1.19)
Percent African American residents	0.67	(0.14)	0.57 *	(0.16)	0.73	(0.37)
Percent Latino residents	0.55	(0.20)	0.92	(0.36)	0.62	(0.43)

Occupational prestige score	0.58	(0.17)	0.29 *	(0.12)	1.11	(0.53)
Percent foreign born residents	1.05	(0.30)	0.49 *	(0.17)	1.66	(0.95)
Living in neighborhood with hospitals and clinics (omitted=no)	0.63	(0.23)	0.72	(0.22)	0.23	(0.18)
Resource factor score	0.96	(0.24)	1.21	(0.31)	1.17	(0.52)
Percent of housing built before 1940	1.22	(0.22)	1.12	(0.25)	0.84	(0.29)
Violent crime rate per 1,000	0.48	(0.16)	0.25 *	(0.15)	0.32 *	(0.18)
Property crime rate per 1,000	1.35	(0.32)	1.91 **	(0.48)	3.09 *	(1.59)
Child abuse and neglect rate per 1,000	1.03	(0.14)	1.07	(0.20)	1.22	(0.34)
Respiratory hazards index	0.89	(0.11)	1.08	(0.15)	0.65 *	(0.13)
Number of observations	733		443		465	
Number of clusters	395		270		253	
Number of failures	82		69		34	
Time at risk	10492		5779		6681	
Log-Likelihood	-421.09		-273.20		-147.26	
Chi-square	161.53 ***		176.76 ***		140.68 ***	
Global PH Chi-square	46.74		48.90		46.74	
Global PH df	35		35		35	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-5. Standardized Core Logit Models Predicting Childhood Onset of Marijuana Use

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.89	(0.96)	2.62	(2.01)	2.38	(1.67)
Latino male	2.89 *	(1.29)	3.54	(2.49)	4.60 *	(2.84)
African American female	1.12	(0.47)	2.16	(1.60)	1.46	(0.97)
First born in family (omitted=no)	0.53 *	(0.17)	1.76	(1.04)	0.36 *	(0.17)
Early onset of puberty (omitted=on time, late, or not yet)	1.51	(0.78)	3.06	(2.31)	1.21	(0.80)
Caregiver and Household Characteristics						
Number of siblings in household	0.72	(0.13)	0.99	(0.26)	0.72	(0.18)
Caregiver reported depressive symptomatology (omitted=no)	1.62	(0.66)	3.78	(2.60)	2.13	(0.93)
Caregiver age	0.40 ***	(0.09)	0.79	(0.19)	0.36 ***	(0.10)
Caregiver immigrant status (omitted=no)	0.79	(0.43)	1.14	(0.84)	0.75	(0.53)
Caregiver history of substance abuse (omitted=no)	1.72	(0.72)	2.44	(1.45)	0.74	(0.40)
Caregiver disability status (omitted=not disabled)	1.70	(0.93)	0.88	(0.64)	2.37	(1.58)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.48	(0.57)	1.05	(0.58)	2.89	(1.72)
Post-H.S. technical certificate	0.40	(0.25)	0.65	(0.51)	0.46	(0.40)
College degree	0.55	(0.35)	0.20	(0.24)	0.94	(0.85)
Caregiver married/partnered (omitted=not married/partnered)	1.37	(0.46)	1.14	(0.54)	1.35	(0.64)
Natural log of caregiver earnings (in dollars)	0.62	(0.32)	0.17	(0.15)	0.90	(0.37)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.20	(0.22)	0.01 *	(0.03)	0.52	(0.47)
Household stressor scale	0.76	(0.13)	0.66	(0.18)	0.72	(0.16)
Household had health insurance (omitted=no)	0.39 *	(0.16)	0.34	(0.23)	0.22 *	(0.13)
Total number of moves from birth to onset	1.35 *	(0.17)	1.60 *	(0.31)	1.47	(0.34)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.76	(0.36)	0.46	(0.33)	0.56	(0.35)
Social capital index	1.29	(0.25)	1.82 *	(0.55)	1.84 *	(0.48)
Social problems index	2.24 ***	(0.51)	3.30 **	(1.20)	2.65 **	(0.81)
Social vulnerability score	2.05	(1.04)	11.51 **	(8.57)	1.78	(1.14)

Percent African American residents	1.08	(0.27)	0.57	(0.17)	1.22	(0.39)
Percent Latino residents	0.63	(0.30)	0.98	(0.72)	0.51	(0.34)
Occupational prestige score	0.56	(0.20)	0.16 ***	(0.08)	0.64	(0.28)
Percent foreign born residents	0.68	(0.24)	0.26 *	(0.16)	0.89	(0.42)
Living in neighborhood with hospitals and clinics (omitted=no)	0.82	(0.44)	3.50	(2.67)	1.02	(0.70)
Resource factor score	0.87	(0.24)	0.89	(0.43)	0.70	(0.25)
Percent of housing built before 1940	1.70 *	(0.38)	1.91 *	(0.53)	1.28	(0.34)
Violent crime rate per 1,000	0.22 ***	(0.10)	0.00 ***	(0.00)	0.26 *	(0.14)
Property crime rate per 1,000	2.00 **	(0.50)	50.19 ***	(38.79)	2.47 **	(0.76)
Child abuse and neglect rate per 1,000	0.58 *	(0.14)	0.06 ***	(0.04)	0.63	(0.16)
Respiratory hazards index	0.69 *	(0.13)	0.64	(0.19)	0.66 *	(0.13)
Number of observations	746		444		473	
Number of clusters	393		267		256	
Log-Likelihood	-189.38		-85.81		-100.44	
Chi-square	92.59 ***		114.03 ***		88.69 ***	
Pseudo-R ²	0.24		0.50		0.30	

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-6. Standardized Core Cox Models Predicting Hazard of Marijuana Use During Childhood

	Ever in DHA		Currently in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.22	(0.57)	1.88	(0.84)	0.84	(0.80)
Latino male	2.09	(0.80)	1.10	(0.49)	2.36	(1.59)
African American female	0.79	(0.28)	0.60	(0.25)	1.43	(1.07)
First born in family (omitted=no)	0.32 ***	(0.08)	0.76	(0.22)	0.27 **	(0.12)
Early onset of puberty (omitted=on time, late, or not yet)	2.32	(1.09)	2.20	(1.25)	2.23	(1.66)
Caregiver and Household Characteristics						
Number of siblings in household	0.55 **	(0.11)	0.70	(0.24)	0.56	(0.19)
Caregiver reported depressive symptomatology (omitted=no)	1.13	(0.36)	2.59 *	(1.25)	1.50	(0.78)
Caregiver age	0.09 ***	(0.03)	0.22 ***	(0.10)	0.08 ***	(0.03)
Caregiver immigrant status (omitted=no)	1.35	(0.73)	0.98	(0.54)	1.82	(1.30)
Caregiver history of substance abuse (omitted=no)	1.30	(0.50)	1.25	(0.45)	1.20	(0.75)
Caregiver disability status (omitted=not disabled)	4.57 ***	(1.91)	3.76 **	(1.88)	5.91 ***	(3.05)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.31	(0.40)	1.54	(0.55)	2.91	(1.86)
Post-H.S. technical certificate	0.63	(0.29)	1.63	(0.84)	0.56	(0.47)
College degree	0.63	(0.40)	1.22	(0.67)	1.90	(2.14)
Caregiver married/partnered (omitted=not married/partnered)	1.39	(0.38)	1.27	(0.33)	1.24	(0.50)
Natural log of caregiver earnings (in dollars)	0.90	(0.57)	0.39	(0.27)	1.21	(0.58)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.61	(0.79)	0.21	(0.29)	1.20	(1.25)
Household stressor scale	0.73 **	(0.09)	0.61 **	(0.10)	0.68 **	(0.09)
Household had health insurance (omitted=no)	0.41 **	(0.12)	0.38	(0.19)	0.28 **	(0.13)
Total number of moves from birth to onset	0.95	(0.10)	0.76	(0.13)	0.90	(0.21)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.15	(0.45)	1.00	(0.50)	1.44	(0.77)
Social capital index	1.39	(0.25)	1.23	(0.22)	2.34 ***	(0.57)
Social problems index	1.80 **	(0.38)	1.66	(0.59)	1.60	(0.45)
Social vulnerability score	2.35 *	(0.85)	2.67 *	(1.26)	2.13	(1.04)
Percent African American residents	1.04	(0.22)	0.77	(0.18)	1.07	(0.28)
Percent Latino residents	0.60	(0.21)	0.52	(0.22)	0.55	(0.31)

Occupational prestige score	0.75	(0.21)	0.39 *	(0.16)	0.90	(0.33)
Percent foreign born residents	1.01	(0.29)	1.13	(0.40)	1.13	(0.37)
Living in neighborhood with hospitals and clinics (omitted=no)	1.06	(0.41)	2.21	(0.94)	0.87	(0.48)
Resource factor score	0.79	(0.23)	1.18	(0.35)	0.54	(0.20)
Percent of housing built before 1940	1.46 *	(0.26)	1.62 *	(0.36)	1.22	(0.29)
Violent crime rate per 1,000	0.30 ***	(0.09)	0.14 ***	(0.06)	0.34 *	(0.17)
Property crime rate per 1,000	1.43	(0.28)	3.07 ***	(0.83)	1.72 *	(0.41)
Child abuse and neglect rate per 1,000	1.15	(0.17)	0.77	(0.23)	1.24	(0.26)
Respiratory hazards index	0.68 ***	(0.08)	0.84	(0.11)	0.62 **	(0.11)
Number of observations	746		444		473	
Number of clusters	393		267		256	
Number of failures	78		58		43	
Time at risk	10648		5753		6767	
Log-Likelihood	-370.80		-217.89		-176.27	
Chi-square	215.75 ***		207.09 ***		235.04 ***	
Global PH Chi-square	39.07		26.22		34.71	
Global PH df	35		35		35	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-7. Standardized Core Logit Models Predicting Childhood Onset of Running Away from Home

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.64	(0.81)	0.92	(0.70)	14.03 **	(13.50)
Latino male	0.52	(0.29)	0.59	(0.50)	2.62	(2.86)
African American female	0.51	(0.22)	0.05 **	(0.05)	0.50	(0.28)
First born in family (omitted=no)	0.73	(0.27)	2.61	(1.49)	0.88	(0.40)
Early onset of puberty (omitted=on time, late, or not yet)	1.45	(0.66)	9.57 *	(10.24)	1.56	(1.03)
Caregiver and Household Characteristics						
Number of siblings in household	1.39	(0.26)	2.17 *	(0.72)	1.90 *	(0.57)
Caregiver reported depressive symptomatology (omitted=no)	2.11	(0.88)	9.15 *	(8.44)	2.40	(1.25)
Caregiver age	0.36 ***	(0.10)	1.30	(0.46)	0.37 **	(0.13)
Caregiver immigrant status (omitted=no)	0.65	(0.35)	0.50	(0.49)	0.12 *	(0.13)
Caregiver history of substance abuse (omitted=no)	1.68	(0.86)	1.55	(1.39)	0.39	(0.40)
Caregiver disability status (omitted=not disabled)	0.40	(0.28)	0.09	(0.12)	0.36	(0.43)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	3.42 *	(2.14)	4.41 **	(2.46)	3.57	(2.64)
Post-H.S. technical certificate	3.07	(2.05)	6.95 *	(6.11)	11.27 ***	(7.60)
College degree	2.41	(1.93)	0.57	(0.88)	7.19 *	(5.88)
Caregiver married/partnered (omitted=not married/partnered)	0.92	(0.33)	0.58	(0.35)	1.50	(0.84)
Natural log of caregiver earnings (in dollars)	2.21 *	(0.78)	6.61 **	(4.83)	4.66 **	(2.58)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	3.00	(2.02)	6.21	(6.36)	20.69 ***	(18.55)
Household stressor scale	1.03	(0.23)	0.99	(0.27)	1.12	(0.35)
Household had health insurance (omitted=no)	0.65	(0.25)	0.70	(0.50)	1.49	(0.92)
Total number of moves from birth to onset	1.18	(0.20)	1.40	(0.31)	1.44	(0.43)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.55	(0.96)	1.10	(0.71)	1.77	(1.30)
Social capital index	1.38	(0.24)	1.79	(0.58)	2.05 *	(0.64)
Social problems index	1.85 *	(0.50)	4.03 *	(2.62)	1.57	(0.52)
Social vulnerability score	1.49	(0.75)	5.15	(5.14)	2.78	(2.09)

Percent African American residents	0.76	(0.22)	0.34 *	(0.17)	1.79	(0.76)
Percent Latino residents	1.03	(0.63)	0.24	(0.34)	2.94	(2.00)
Occupational prestige score	0.14 ***	(0.07)	0.01 ***	(0.01)	0.20 **	(0.12)
Percent foreign born residents	0.28 *	(0.16)	0.31	(0.21)	0.15 **	(0.09)
Living in neighborhood with hospitals and clinics (omitted=no)	0.17 **	(0.12)	0.30	(0.21)	0.07 **	(0.06)
Resource factor score	0.83	(0.28)	0.88	(0.43)	0.71	(0.34)
Percent of housing built before 1940	1.58	(0.41)	3.04 *	(1.71)	2.19	(0.89)
Violent crime rate per 1,000	0.07 ***	(0.05)	0.00 ***	(0.00)	0.03 ***	(0.02)
Property crime rate per 1,000	2.27 **	(0.62)	27.23 *	(36.12)	1.27	(0.80)
Child abuse and neglect rate per 1,000	1.16	(0.30)	0.76	(0.54)	1.52	(0.52)
Respiratory hazards index	1.12	(0.31)	0.58	(0.18)	1.02	(0.38)
Number of observations	810		472		526	
Number of clusters	421		278		273	
Log-Likelihood	-141.08		-57.37		-62.16	
Chi-square	70.25 ***		69.33 ***		59.98 **	
Pseudo-R ²	0.31		0.60		0.40	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-8. Standardized Core AFT Frailty Models Predicting Timing of Running Away from Home During Childhood

	Ever in DHA		Currently in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.03	(0.04)	1.00	(0.04)	0.87 **	(0.05)
Latino male	1.08	(0.05)	0.99	(0.04)	0.90	(0.05)
African American female	1.08 *	(0.04)	1.15 ***	(0.05)	1.04	(0.03)
First born in family (omitted=no)	1.07 *	(0.03)	1.00	(0.02)	1.06 *	(0.03)
Early onset of puberty (omitted=on time, late, or not yet)	0.98	(0.04)	0.92 *	(0.03)	1.02	(0.04)
Caregiver and Household Characteristics						
Number of siblings in household	0.99	(0.01)	0.99	(0.01)	0.97	(0.01)
Caregiver reported depressive symptomatology (omitted=no)	0.95	(0.04)	0.88 **	(0.03)	0.97	(0.04)
Caregiver age	1.27 ***	(0.04)	1.09 ***	(0.02)	1.21 ***	(0.03)
Caregiver immigrant status (omitted=no)	1.00	(0.05)	1.15 *	(0.07)	1.23 *	(0.11)
Caregiver history of substance abuse (omitted=no)	0.90 **	(0.03)	0.99	(0.04)	0.89 **	(0.03)
Caregiver disability status (omitted=not disabled)	1.04	(0.05)	1.09	(0.06)	1.03	(0.04)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	0.90 *	(0.04)	0.91 **	(0.03)	0.89 **	(0.04)
Post-H.S. technical certificate	0.91 *	(0.05)	0.89 **	(0.03)	0.80 ***	(0.04)
College degree	0.91	(0.06)	0.93	(0.05)	0.77 ***	(0.04)
Caregiver married/partnered (omitted=not married/partnered)	1.04	(0.03)	1.08 **	(0.03)	1.01	(0.03)
Natural log of caregiver earnings (in dollars)	0.95	(0.03)	0.91 ***	(0.02)	0.92 **	(0.03)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.91	(0.05)	0.87 ***	(0.04)	0.81 ***	(0.04)
Household stressor scale	1.01	(0.02)	1.03 *	(0.01)	1.02	(0.02)
Household had health insurance (omitted=no)	1.09 *	(0.04)	1.18 ***	(0.05)	0.96	(0.03)
Total number of moves from birth to onset	1.03	(0.02)	1.01	(0.02)	1.04	(0.02)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.93	(0.04)	1.00	(0.04)	0.95	(0.04)
Social capital index	0.96 **	(0.01)	0.97 *	(0.01)	0.95 *	(0.02)
Social problems index	0.95 *	(0.02)	0.94 *	(0.03)	0.97 *	(0.02)
Social vulnerability score	1.00	(0.04)	0.96	(0.05)	0.94	(0.04)
Percent African American residents	1.04 *	(0.02)	1.05 *	(0.02)	0.97	(0.02)

Percent Latino residents	1.03	(0.04)	1.06	(0.04)	0.96	(0.03)
Occupational prestige score	1.14 ***	(0.03)	1.17 ***	(0.04)	1.05	(0.03)
Percent foreign born residents	1.08 *	(0.03)	1.02	(0.03)	1.09 *	(0.04)
Living in neighborhood with hospitals and clinics (omitted=no)	1.14 **	(0.05)	1.07	(0.04)	1.14 **	(0.05)
Resource factor score	1.03	(0.03)	1.03	(0.02)	1.04	(0.03)
Percent of housing built before 1940	0.98	(0.02)	0.97	(0.02)	0.97	(0.02)
Violent crime rate per 1,000	1.20 ***	(0.05)	1.30 ***	(0.07)	1.25 ***	(0.05)
Property crime rate per 1,000	0.94 **	(0.02)	0.93 **	(0.02)	0.99	(0.04)
Child abuse and neglect rate per 1,000	0.96 **	(0.02)	0.95 ***	(0.01)	0.94 ***	(0.02)
Respiratory hazards index	0.98	(0.02)	1.01	(0.01)	0.98	(0.02)
Number of observations	810		472		526	
Number of clusters	421		278		273	
Number of failures	56		42		26	
Time at risk	11325		5801		7447	
sigma	0.15		0.09		0.09	
Log-Likelihood	-38.60		22.20		-2.60	
Chi-square	375.92 ***		348.62 ***		428.22 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-9. Standardized Core Logit Models Predicting Childhood Onset of Violent Behavior

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.33 *	(0.15)	0.24 *	(0.14)	0.46	(0.28)
Latino male	0.79	(0.31)	0.76	(0.43)	0.83	(0.40)
African American female	0.87	(0.28)	0.72	(0.33)	0.97	(0.45)
First born in family (omitted=no)	0.61	(0.18)	1.31	(0.56)	0.31 **	(0.13)
Early onset of puberty (omitted=on time, late, or not yet)	1.36	(0.55)	2.48	(1.51)	2.58 *	(1.07)
Caregiver and Household Characteristics						
Number of siblings in household	0.75	(0.12)	0.70	(0.14)	1.02	(0.21)
Caregiver reported depressive symptomatology (omitted=no)	3.31 ***	(1.06)	4.00 **	(1.78)	1.95	(0.89)
Caregiver age	0.18 ***	(0.05)	0.46 *	(0.15)	0.17 ***	(0.05)
Caregiver immigrant status (omitted=no)	0.54	(0.28)	0.30	(0.20)	0.32	(0.21)
Caregiver history of substance abuse (omitted=no)	0.74	(0.29)	0.41	(0.20)	0.61	(0.42)
Caregiver disability status (omitted=not disabled)	4.15 **	(2.08)	3.29	(2.44)	4.93 *	(3.67)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.05	(0.36)	0.76	(0.33)	1.05	(0.55)
Post-H.S. technical certificate	0.95	(0.36)	0.61	(0.34)	1.03	(0.52)
College degree	0.28 *	(0.17)	0.24	(0.22)	0.13 *	(0.13)
Caregiver married/partnered (omitted=not married/partnered)	1.20	(0.38)	1.19	(0.53)	1.11	(0.47)
Natural log of caregiver earnings (in dollars)	0.81	(0.31)	0.29 **	(0.13)	1.04	(0.53)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.26	(0.20)	0.03 ***	(0.03)	0.33	(0.35)
Household stressor scale	1.12	(0.16)	1.26	(0.29)	1.29	(0.23)
Household had health insurance (omitted=no)	1.38	(0.44)	3.17 **	(1.35)	1.67	(0.78)
Total number of moves from birth to onset	1.00	(0.14)	1.17	(0.19)	1.11	(0.22)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.80	(0.64)	1.05	(0.51)	1.95	(0.97)
Social capital index	1.26	(0.20)	1.49 *	(0.28)	1.33	(0.31)
Social problems index	1.18	(0.21)	1.04	(0.28)	1.02	(0.23)
Social vulnerability score	0.60	(0.21)	0.12 **	(0.08)	0.74	(0.33)
Percent African American residents	1.07	(0.21)	0.52	(0.18)	1.13	(0.33)
Percent Latino residents	0.44 *	(0.16)	0.14 **	(0.09)	0.54	(0.27)

Occupational prestige score	0.43 **	(0.13)	0.04 ***	(0.02)	0.61	(0.23)
Percent foreign born residents	0.80	(0.22)	0.77	(0.39)	0.73	(0.28)
Living in neighborhood with hospitals and clinics (omitted=no)	0.83	(0.39)	1.09	(0.85)	0.87	(0.49)
Resource factor score	0.82	(0.22)	0.89	(0.32)	0.84	(0.30)
Percent of housing built before 1940	1.47 *	(0.25)	3.04 ***	(0.80)	1.85 **	(0.40)
Violent crime rate per 1,000	1.05	(0.32)	0.64	(0.38)	1.15	(0.45)
Property crime rate per 1,000	3.43 ***	(0.87)	56.70 ***	(34.58)	2.48 **	(0.75)
Child abuse and neglect rate per 1,000	0.46 ***	(0.10)	0.21 ***	(0.08)	0.57 *	(0.16)
Respiratory hazards index	1.27	(0.21)	1.11	(0.23)	0.86	(0.20)
Number of observations	739		440		473	
Number of clusters	398		272		257	
Log-Likelihood	-226.16		-126.14		-121.66	
Chi-square	133.85 ***		131.26 ***		96.36 ***	
Pseudo-R ²	0.36		0.51		0.38	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VI-10. Standardized Core Cox Models Predicting Hazard of Engaging in Violent Behavior During Childhood

	Ever in DHA		Currently in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of onset unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.42 **	(0.14)	0.47 *	(0.18)	0.48	(0.24)
Latino male	0.70	(0.20)	0.76	(0.25)	0.77	(0.31)
African American female	0.82	(0.17)	0.87	(0.23)	0.96	(0.30)
First born in family (omitted=no)	0.46 ***	(0.08)	0.84	(0.17)	0.30 ***	(0.07)
Early onset of puberty (omitted=on time, late, or not yet)	1.03	(0.27)	1.22	(0.38)	1.20	(0.39)
Caregiver and Household Characteristics						
Number of siblings in household	0.78 *	(0.10)	0.78 *	(0.09)	0.89	(0.17)
Caregiver reported depressive symptomatology (omitted=no)	1.67 *	(0.37)	1.93 **	(0.48)	1.81	(0.70)
Caregiver age	0.12 ***	(0.03)	0.29 ***	(0.07)	0.11 ***	(0.03)
Caregiver immigrant status (omitted=no)	0.74	(0.26)	0.41 *	(0.14)	0.48	(0.33)
Caregiver history of substance abuse (omitted=no)	1.00	(0.25)	0.70	(0.19)	1.13	(0.60)
Caregiver disability status (omitted=not disabled)	3.20 ***	(0.90)	2.47 **	(0.84)	2.61	(1.41)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.06	(0.24)	0.84	(0.23)	0.92	(0.37)
Post-H.S. technical certificate	1.07	(0.30)	0.93	(0.26)	0.94	(0.38)
College degree	0.43	(0.20)	0.41	(0.21)	0.34	(0.27)
Caregiver married/partnered (omitted=not married/partnered)	1.02	(0.21)	0.86	(0.20)	0.85	(0.30)
Natural log of caregiver earnings (in dollars)	0.81	(0.21)	0.63	(0.22)	1.07	(0.41)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.42	(0.22)	0.25 *	(0.17)	0.53	(0.43)
Household stressor scale	1.02	(0.10)	1.05	(0.11)	1.10	(0.15)
Household had health insurance (omitted=no)	1.09	(0.29)	2.05 **	(0.50)	1.30	(0.47)
Total number of moves from birth to onset	0.82 *	(0.08)	0.80 *	(0.08)	0.81	(0.13)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.65	(0.46)	1.37	(0.46)	1.80	(0.75)
Social capital index	1.18	(0.12)	1.28 *	(0.14)	1.32	(0.22)
Social problems index	1.04	(0.14)	0.83	(0.15)	1.00	(0.19)
Social vulnerability score	0.85	(0.17)	0.58 *	(0.15)	0.91	(0.27)
Percent African American residents	0.96	(0.14)	0.89	(0.18)	0.98	(0.24)

Percent Latino residents	0.55 *	(0.14)	0.55 *	(0.16)	0.62	(0.25)
Occupational prestige score	0.45 **	(0.11)	0.22 ***	(0.06)	0.60	(0.20)
Percent foreign born residents	0.82	(0.17)	0.74	(0.19)	0.76	(0.26)
Living in neighborhood with hospitals and clinics (omitted=no)	0.48 *	(0.15)	0.44 *	(0.18)	0.82	(0.37)
Resource factor score	1.02	(0.17)	1.24	(0.21)	0.71	(0.19)
Percent of housing built before 1940	1.41 *	(0.21)	1.64 ***	(0.24)	1.48 *	(0.29)
Violent crime rate per 1,000	0.78	(0.15)	0.65 *	(0.12)	0.78	(0.24)
Property crime rate per 1,000	1.59 ***	(0.19)	2.82 ***	(0.41)	1.63 *	(0.33)
Child abuse and neglect rate per 1,000	0.81	(0.11)	0.72 *	(0.10)	0.78	(0.21)
Respiratory hazards index	1.23	(0.15)	0.98	(0.10)	0.99	(0.17)
Number of observations	739		440		473	
Number of clusters	398		272		257	
Number of failures	136		119		69	
Time at risk	10458		5484		6820	
Log-Likelihood	-692.28		-539.07		-310.19	
Chi-square	352.83 ***		342.29 ***		282.02 ***	
Global PH Chi-square	31.91		23.37		22.52	
Global PH df	35		35		35	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-1. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Placement into Gifted/Advanced Classes

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.96	(0.49)	2.55	(2.23)	0.57	(0.42)
Latino male	0.57	(0.30)	0.65	(0.61)	0.57	(0.40)
African American female	2.72 *	(1.20)	6.37 *	(5.11)	4.32 *	(2.62)
First born in family (omitted=no)	1.06	(0.35)	1.75	(1.04)	0.92	(0.41)
Caregiver and Household Characteristics						
Number of siblings in household	0.90	(0.17)	1.23	(0.42)	0.75	(0.17)
Caregiver reported depressive symptomatology (omitted=no)	0.51	(0.23)	0.17	(0.16)	0.58	(0.32)
Caregiver age at time of child's birth	0.86	(0.19)	0.91	(0.34)	1.07	(0.24)
Caregiver immigrant status (omitted=no)	1.19	(0.66)	1.07	(0.96)	2.35	(1.53)
Caregiver history of substance abuse (omitted=no)	0.70	(0.38)	0.13	(0.17)	0.80	(0.55)
Caregiver disability status (omitted=not disabled)	0.89	(0.52)	0.66	(0.77)	0.23	(0.20)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	2.74 *	(1.20)	1.77	(1.34)	4.61 **	(2.63)
Post-H.S. technical certificate	0.83	(0.46)	1.38	(1.24)	0.94	(0.67)
College degree	2.68	(1.59)	2.42	(2.65)	4.59 *	(3.37)
Caregiver married/partnered (omitted=not married/partnered)	0.55	(0.21)	1.06	(0.71)	0.43	(0.21)
Log of caregiver earnings (in dollars)	1.04	(0.35)	0.54	(0.36)	1.41	(0.53)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.50	(0.32)	0.10	(0.14)	1.25	(0.88)
Household stressor scale	1.10	(0.19)	0.57	(0.20)	1.34	(0.29)
Household had health insurance (omitted=no)	0.68	(0.27)	1.20	(0.87)	2.40	(1.43)
Total number of moves from birth to time of first occurrence	0.97	(0.16)	1.27	(0.38)	0.92	(0.19)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	0.36 **	(0.14)	0.10 **	(0.08)	0.21 **	(0.10)
Last school attended was a nonpublic school (omitted=no)	1.07	(0.49)	0.92	(0.80)	1.09	(0.59)
Global indicator of teacher/counselor influence	1.25	(0.22)	1.51	(0.48)	1.13	(0.23)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	2.06	(0.97)	1.17	(1.09)	1.81	(1.08)
Social capital index	1.61 *	(0.31)	1.83	(0.66)	1.80 *	(0.42)

Social problems index	1.13	(0.26)	2.89 *	(1.48)	1.05	(0.29)
Social vulnerability score	1.94	(1.01)	0.16	(0.23)	1.18	(0.73)
Percent African American residents	0.74	(0.20)	0.39	(0.22)	0.51	(0.19)
Percent Latino residents	0.70	(0.32)	0.41	(0.39)	0.77	(0.45)
Occupational prestige score	0.45 *	(0.18)	0.02 **	(0.02)	0.30 *	(0.15)
Percent foreign born residents	0.81	(0.28)	0.13 *	(0.11)	0.57	(0.23)
Percent of residents who moved in preceding 12 months	1.06	(0.24)	2.04	(0.97)	1.56	(0.39)
Living in neighborhood with hospitals and clinics (omitted=no)	0.61	(0.30)	0.38	(0.37)	0.62	(0.34)
Resource factor score	0.84	(0.24)	1.32	(0.72)	0.74	(0.24)
Percent of housing built before 1940	1.52	(0.34)	3.97 *	(2.18)	1.60	(0.45)
Violent crime rate per 1,000	0.43 *	(0.19)	0.05 *	(0.06)	0.38	(0.21)
Property crime rate per 1,000	1.33	(0.39)	32.49 **	(36.91)	1.54	(0.62)
Child abuse and neglect rate per 1,000	0.63	(0.18)	0.20 *	(0.14)	0.88	(0.29)
Neurological hazards index (rescaled by 100)	0.78	(0.27)	2.26	(1.74)	0.73	(0.34)
Respiratory hazards index (rescaled by 100)	1.18	(0.34)	0.66	(0.37)	0.99	(0.36)
Number of observations	769		480		446	
Log-Likelihood	-227.36		-120.22		-106.23	
Chi-square	40.48		19.70		52.83	
Log-Likelihood (for basic logistic model)	-230.80		-124.70		-106.20	
LR Chi-square (XTME vs. Logistic)	6.98 **		8.90 **		0.00	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-2. Standardized Core AFT Frailty Models Predicting Timing of Placement into Gifted/Advanced Classes

	Ever in DHA		Currently in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.01	(0.12)	0.78 *	(0.09)	1.19	(0.19)
Latino male	1.18	(0.14)	1.00	(0.12)	1.11	(0.17)
African American female	0.83 *	(0.08)	0.79 *	(0.09)	0.73 **	(0.09)
First born in family (omitted=no)	0.98	(0.07)	0.95	(0.07)	1.00	(0.08)
Caregiver and Household Characteristics						
Number of siblings in household	1.06	(0.05)	1.03	(0.05)	1.14 *	(0.06)
Caregiver reported depressive symptomatology (omitted=no)	1.16	(0.11)	1.19	(0.12)	0.99	(0.10)
Caregiver age at time of child's birth	1.05	(0.05)	1.03	(0.05)	1.03	(0.06)
Caregiver immigrant status (omitted=no)	0.97	(0.11)	1.07	(0.11)	0.93	(0.10)
Caregiver history of substance abuse (omitted=no)	1.04	(0.11)	1.24	(0.17)	0.97	(0.12)
Caregiver disability status (omitted=not disabled)	0.97	(0.12)	1.09	(0.18)	1.30	(0.21)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	0.78 *	(0.08)	0.90	(0.09)	0.74 **	(0.08)
Post-H.S. technical certificate	1.00	(0.13)	0.92	(0.11)	1.08	(0.17)
College degree	0.80	(0.11)	0.83	(0.11)	0.71 *	(0.11)
Caregiver married/partnered (omitted=not married/partnered)	1.15	(0.10)	1.01	(0.08)	1.18	(0.12)
Log of caregiver earnings (in dollars)	1.03	(0.07)	1.09	(0.07)	0.98	(0.07)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.20	(0.16)	1.40 *	(0.19)	1.00	(0.14)
Household stressor scale	1.00	(0.04)	1.05	(0.05)	0.96	(0.05)
Household had health insurance (omitted=no)	1.06	(0.09)	0.95	(0.10)	0.84	(0.11)
Total number of moves from birth to time of first occurrence	1.11 *	(0.05)	1.04	(0.04)	1.14 **	(0.05)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	1.21 *	(0.10)	1.26 *	(0.12)	1.38 ***	(0.13)
Last school attended was a nonpublic school (omitted=no)	1.02	(0.09)	1.10	(0.12)	1.03	(0.10)
Global indicator of teacher/counselor influence	0.94	(0.04)	0.93	(0.04)	0.97	(0.04)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.87	(0.09)	0.99	(0.12)	0.87	(0.11)
Social capital index	0.94	(0.04)	0.98	(0.04)	0.92	(0.05)

Social problems index	0.96	(0.04)	0.89 *	(0.05)	1.02	(0.06)
Social vulnerability score	0.83	(0.09)	1.18	(0.19)	0.91	(0.10)
Percent African American residents	1.05	(0.06)	1.05	(0.06)	1.10	(0.08)
Percent Latino residents	1.07	(0.10)	1.08	(0.12)	1.02	(0.12)
Occupational prestige score	1.13	(0.08)	1.52 ***	(0.17)	1.27 **	(0.11)
Percent foreign born residents	1.02	(0.08)	1.26 **	(0.10)	1.17	(0.10)
Percent of residents who moved in preceding 12 months	1.01	(0.05)	0.94	(0.05)	0.93	(0.04)
Living in neighborhood with hospitals and clinics (omitted=no)	1.09	(0.11)	1.09	(0.13)	1.02	(0.10)
Resource factor score	1.06	(0.07)	1.02	(0.07)	1.13	(0.08)
Percent of housing built before 1940	0.90 *	(0.04)	0.86 **	(0.05)	0.88 *	(0.05)
Violent crime rate per 1,000	1.18	(0.12)	1.45 ***	(0.16)	1.25 *	(0.14)
Property crime rate per 1,000	1.00	(0.07)	0.72 ***	(0.05)	0.98	(0.10)
Child abuse and neglect rate per 1,000	0.99	(0.06)	1.06	(0.07)	0.99	(0.06)
Neurological hazards index (rescaled by 100)	1.13	(0.08)	0.96	(0.08)	1.08	(0.10)
Respiratory hazards index (rescaled by 100)	0.92	(0.05)	1.03	(0.07)	0.96	(0.06)
Number of observations	769		480		446	
Number of clusters	418		295		254	
Number of failures	87		63		47	
Time at risk	10395		5706		5838	
sigma	0.53		0.41		0.42	
Log-Likelihood	-196.60		-98.24		-83.67	
Chi-square	98.29 ***		172.90 ***		147.20 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-3. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Placement into Special Education Classes

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.26 **	(0.11)	0.17 **	(0.11)	0.13 **	(0.09)
Latino male	0.64	(0.24)	0.46	(0.25)	0.70	(0.36)
African American female	0.37 *	(0.15)	0.59	(0.32)	0.56	(0.32)
First born in family (omitted=no)	0.65	(0.19)	0.56	(0.25)	0.58	(0.26)
Caregiver and Household Characteristics						
Number of siblings in household	0.84	(0.12)	0.87	(0.19)	1.01	(0.20)
Caregiver reported depressive symptomatology (omitted=no)	1.44	(0.45)	2.38	(1.07)	1.80	(0.82)
Caregiver age at time of child's birth	0.85	(0.13)	0.77	(0.19)	0.87	(0.19)
Caregiver immigrant status (omitted=no)	0.54	(0.26)	0.11 *	(0.10)	0.27	(0.22)
Caregiver history of substance abuse (omitted=no)	0.86	(0.33)	0.49	(0.27)	1.71	(0.85)
Caregiver disability status (omitted=not disabled)	1.52	(0.67)	1.72	(1.31)	0.97	(0.66)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.08	(0.35)	0.32 *	(0.16)	3.08 *	(1.58)
Post-H.S. technical certificate	1.62	(0.63)	1.28	(0.67)	2.02	(1.15)
College degree	0.72	(0.37)	0.11 *	(0.12)	1.02	(0.94)
Caregiver married/partnered (omitted=not married/partnered)	1.62	(0.47)	2.15	(1.06)	0.73	(0.30)
Log of caregiver earnings (in dollars)	0.82	(0.20)	0.58	(0.23)	0.67	(0.23)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.59	(0.78)	0.93	(0.72)	1.31	(0.93)
Household stressor scale	1.09	(0.15)	1.19	(0.25)	0.71	(0.14)
Household had health insurance (omitted=no)	1.00	(0.32)	0.98	(0.44)	0.71	(0.32)
Total number of moves from birth to time of first occurrence	0.74	(0.12)	1.06	(0.22)	0.46 **	(0.11)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	1.45	(0.54)	2.40	(1.28)	1.28	(0.71)
Last school attended was a nonpublic school (omitted=no)	1.34	(0.49)	1.49	(0.83)	2.47	(1.29)
Global indicator of teacher/counselor influence	1.13	(0.15)	0.84	(0.16)	1.64 *	(0.34)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.62	(0.58)	0.82	(0.45)	2.09	(1.06)
Social capital index	1.18	(0.17)	0.90	(0.19)	1.47	(0.30)

Social problems index	0.88	(0.16)	1.23	(0.35)	1.04	(0.26)
Social vulnerability score	1.26	(0.54)	0.77	(0.65)	1.80	(1.14)
Percent African American residents	1.20	(0.26)	0.59	(0.19)	1.09	(0.35)
Percent Latino residents	1.67	(0.61)	1.31	(0.82)	2.10	(1.18)
Occupational prestige score	0.63	(0.19)	0.17 **	(0.11)	0.28 **	(0.13)
Percent foreign born residents	0.57 *	(0.16)	0.27 **	(0.14)	0.41 *	(0.18)
Percent of residents who moved in preceding 12 months	0.65 *	(0.14)	1.16	(0.33)	0.48 *	(0.16)
Living in neighborhood with hospitals and clinics (omitted=no)	0.91	(0.38)	1.04	(0.69)	1.02	(0.58)
Resource factor score	0.75	(0.18)	1.04	(0.37)	0.82	(0.26)
Percent of housing built before 1940	1.27	(0.27)	2.06 *	(0.73)	1.63	(0.52)
Violent crime rate per 1,000	0.42 *	(0.15)	0.07 ***	(0.05)	0.10 ***	(0.05)
Property crime rate per 1,000	2.31 ***	(0.54)	21.34 ***	(14.21)	6.83 ***	(2.55)
Child abuse and neglect rate per 1,000	0.77	(0.17)	0.17 ***	(0.07)	0.48 *	(0.16)
Neurological hazards index (rescaled by 100)	1.09	(0.27)	3.84 **	(1.84)	0.95	(0.33)
Respiratory hazards index (rescaled by 100)	0.80	(0.18)	0.27 ***	(0.11)	0.78	(0.23)
Number of observations	756		473		435	
Log-Likelihood	-260.75		-139.10		-117.50	
Chi-square	45.60		38.61		61.36 *	
Log-Likelihood (for basic logistic model)	-261.00		-139.40		-117.50	
LR Chi-square (XTME vs. Logistic)	0.59		0.70		0.00	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-4. Standardized Core AFT Frailty Models Predicting Timing of Placement into Special Education Classes

	Ever in DHA		Currently in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.50 **	(0.19)	1.31 *	(0.17)	1.86 ***	(0.25)
Latino male	1.09	(0.13)	1.09	(0.13)	1.08	(0.13)
African American female	1.32 *	(0.15)	1.06	(0.12)	1.15	(0.13)
First born in family (omitted=no)	1.15	(0.10)	1.16	(0.09)	1.07	(0.11)
Caregiver and Household Characteristics						
Number of siblings in household	1.07	(0.05)	1.09	(0.05)	1.02	(0.04)
Caregiver reported depressive symptomatology (omitted=no)	0.90	(0.09)	0.86	(0.08)	0.83	(0.09)
Caregiver age at time of child's birth	1.08	(0.06)	1.12 *	(0.06)	1.03	(0.06)
Caregiver immigrant status (omitted=no)	1.22	(0.17)	1.52 **	(0.20)	1.43 *	(0.23)
Caregiver history of substance abuse (omitted=no)	0.93	(0.11)	1.04	(0.12)	0.69 **	(0.09)
Caregiver disability status (omitted=not disabled)	0.84	(0.12)	1.04	(0.18)	1.00	(0.18)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.00	(0.11)	1.26 *	(0.14)	0.80	(0.10)
Post-H.S. technical certificate	0.83	(0.11)	0.94	(0.12)	0.81	(0.12)
College degree	1.05	(0.19)	1.52	(0.38)	0.82	(0.18)
Caregiver married/partnered (omitted=not married/partnered)	0.85	(0.08)	0.87	(0.08)	1.11	(0.11)
Log of caregiver earnings (in dollars)	1.05	(0.09)	1.15	(0.09)	1.06	(0.09)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.82	(0.14)	1.12	(0.18)	0.81	(0.14)
Household stressor scale	0.99	(0.04)	0.99	(0.04)	1.15 **	(0.05)
Household had health insurance (omitted=no)	0.97	(0.11)	0.98	(0.10)	1.09	(0.13)
Total number of moves from birth to time of first occurrence	1.26 ***	(0.07)	1.17 ***	(0.06)	1.40 ***	(0.08)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	0.92	(0.11)	0.87	(0.09)	0.96	(0.13)
Last school attended was a nonpublic school (omitted=no)	0.99	(0.11)	0.95	(0.12)	0.87	(0.11)
Global indicator of teacher/counselor influence	0.96	(0.05)	1.00	(0.05)	0.86 **	(0.04)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.84	(0.10)	1.11	(0.13)	0.81	(0.11)
Social capital index	0.99	(0.05)	1.07	(0.06)	0.96	(0.05)

Social problems index	1.04	(0.07)	0.94	(0.06)	0.98	(0.07)
Social vulnerability score	0.87	(0.11)	1.04	(0.18)	0.85	(0.12)
Percent African American residents	0.98	(0.07)	1.04	(0.09)	1.08	(0.09)
Percent Latino residents	0.90	(0.10)	0.89	(0.10)	0.96	(0.13)
Occupational prestige score	1.19	(0.11)	1.49 ***	(0.15)	1.49 ***	(0.16)
Percent foreign born residents	1.14	(0.10)	1.42 ***	(0.12)	1.23	(0.15)
Percent of residents who moved in preceding 12 months	1.16 *	(0.07)	0.94	(0.05)	1.18 *	(0.08)
Living in neighborhood with hospitals and clinics (omitted=no)	1.03	(0.13)	0.97	(0.12)	1.00	(0.12)
Resource factor score	1.11	(0.08)	0.99	(0.07)	1.10	(0.08)
Percent of housing built before 1940	0.95	(0.06)	0.89	(0.06)	0.88	(0.07)
Violent crime rate per 1,000	1.33 **	(0.14)	1.73 ***	(0.23)	1.70 ***	(0.20)
Property crime rate per 1,000	0.83 **	(0.06)	0.69 ***	(0.05)	0.71 ***	(0.06)
Child abuse and neglect rate per 1,000	0.98	(0.07)	1.14	(0.08)	1.08	(0.09)
Neurological hazards index (rescaled by 100)	0.99	(0.08)	0.81 *	(0.08)	0.96	(0.09)
Respiratory hazards index (rescaled by 100)	1.03	(0.09)	1.26 ***	(0.09)	1.07	(0.08)
Number of observations	756		473		435	
Number of clusters	420		286		256	
Number of failures	106		81		60	
Time at risk	10170		5536		5626	
sigma	0.66		0.49		0.49	
Log-Likelihood	-254.04		-136.98		-107.70	
Chi-square	111.13 ***		254.67 ***		185.50 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-5. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Suspensions and Expulsions from School

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.66	(0.26)	1.05	(0.56)	0.45	(0.22)
Latino male	0.71	(0.27)	0.65	(0.35)	0.75	(0.34)
African American female	0.56	(0.19)	0.87	(0.41)	0.44	(0.19)
First born in family (omitted=no)	0.80	(0.22)	0.89	(0.33)	0.53	(0.20)
Caregiver and Household Characteristics						
Number of siblings in household	0.91	(0.13)	1.06	(0.22)	0.82	(0.14)
Caregiver reported depressive symptomatology (omitted=no)	2.38 *	(0.81)	2.71 *	(1.30)	2.17 *	(0.84)
Caregiver age at time of child's birth	0.87	(0.14)	0.67	(0.16)	0.81	(0.15)
Caregiver immigrant status (omitted=no)	0.57	(0.27)	0.81	(0.48)	0.64	(0.33)
Caregiver history of substance abuse (omitted=no)	1.30	(0.53)	1.10	(0.62)	0.93	(0.46)
Caregiver disability status (omitted=not disabled)	0.71	(0.34)	0.28	(0.21)	1.13	(0.56)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.01	(0.34)	0.54	(0.26)	1.03	(0.42)
Post-H.S. technical certificate	1.11	(0.46)	1.05	(0.56)	0.76	(0.36)
College degree	1.07	(0.50)	1.10	(0.75)	1.31	(0.71)
Caregiver married/partnered (omitted=not married/partnered)	1.11	(0.33)	1.71	(0.73)	0.84	(0.29)
Log of caregiver earnings (in dollars)	1.27	(0.35)	1.21	(0.45)	1.27	(0.38)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.71	(0.38)	0.62	(0.45)	0.58	(0.34)
Household stressor scale	1.21	(0.17)	1.41	(0.28)	1.25	(0.20)
Household had health insurance (omitted=no)	0.84	(0.27)	1.64	(0.76)	0.89	(0.35)
Total number of moves from birth to time of first occurrence	1.00	(0.14)	1.31	(0.26)	0.85	(0.14)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	1.14	(0.39)	0.94	(0.42)	1.54	(0.63)
Last school attended was a nonpublic school (omitted=no)	1.08	(0.41)	1.01	(0.52)	1.76	(0.79)
Global indicator of teacher/counselor influence	1.01	(0.14)	1.17	(0.23)	1.06	(0.17)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.74	(0.64)	0.90	(0.49)	1.12	(0.49)
Social capital index	1.47 *	(0.24)	1.41	(0.30)	1.55 *	(0.29)

Social problems index	1.10	(0.21)	1.57	(0.45)	1.13	(0.25)
Social vulnerability score	1.34	(0.55)	0.52	(0.35)	1.12	(0.53)
Percent African American residents	1.31	(0.29)	0.60	(0.20)	1.48	(0.40)
Percent Latino residents	1.03	(0.37)	0.42	(0.23)	1.84	(0.81)
Occupational prestige score	0.84	(0.26)	0.11 ***	(0.07)	0.70	(0.26)
Percent foreign born residents	0.93	(0.25)	0.49	(0.19)	0.52 *	(0.17)
Percent of residents who moved in preceding 12 months	1.20	(0.21)	1.37	(0.35)	1.39	(0.28)
Living in neighborhood with hospitals and clinics (omitted=no)	0.68	(0.30)	1.31	(0.84)	0.55	(0.27)
Resource factor score	1.33	(0.31)	1.17	(0.39)	1.35	(0.36)
Percent of housing built before 1940	1.32	(0.23)	2.29 **	(0.69)	2.06 **	(0.48)
Violent crime rate per 1,000	0.43 *	(0.15)	0.09 ***	(0.06)	0.37 *	(0.16)
Property crime rate per 1,000	2.12 **	(0.52)	23.64 ***	(16.89)	2.34 **	(0.70)
Child abuse and neglect rate per 1,000	0.72	(0.15)	0.25 ***	(0.10)	0.69	(0.17)
Neurological hazards index (rescaled by 100)	0.91	(0.23)	3.19 *	(1.51)	0.60	(0.17)
Respiratory hazards index (rescaled by 100)	1.13	(0.26)	0.39 *	(0.16)	1.13	(0.30)
Number of observations	768		513		437	
Log-Likelihood	-360.00		-210.70		-196.50	
Chi-square	46.89		33.50		38.61	
Log-Likelihood (for basic logistic model)	-366.70		-213.00		-197.00	
LR Chi-square (XTME vs. Logistic)	13.33 ***		4.51 *		1.04	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-6. Standardized Core AFT Frailty Models Predicting Timing of Suspensions and Expulsions from School

	Ever in DHA		Currently in DHA		Mostly in DHA	
	TmR	SE	TmR	SE	TmR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.14 *	(0.07)	0.99	(0.06)	1.32 **	(0.11)
Latino male	1.08	(0.07)	1.04	(0.06)	1.15	(0.10)
African American female	1.08	(0.07)	0.96	(0.06)	1.15	(0.09)
First born in family (omitted=no)	1.00	(0.05)	1.02	(0.05)	1.05	(0.07)
Caregiver and Household Characteristics						
Number of siblings in household	1.01	(0.02)	1.01	(0.02)	1.04	(0.03)
Caregiver reported depressive symptomatology (omitted=no)	0.87 *	(0.05)	0.87 **	(0.04)	0.82 *	(0.07)
Caregiver age at time of child's birth	1.04	(0.03)	1.08 *	(0.03)	1.05	(0.04)
Caregiver immigrant status (omitted=no)	1.05	(0.09)	1.02	(0.07)	1.05	(0.10)
Caregiver history of substance abuse (omitted=no)	0.92	(0.06)	1.03	(0.06)	0.88	(0.07)
Caregiver disability status (omitted=not disabled)	1.00	(0.06)	1.12	(0.07)	0.98	(0.07)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	0.99	(0.06)	1.07	(0.05)	0.98	(0.07)
Post-H.S. technical certificate	0.98	(0.08)	0.96	(0.06)	0.99	(0.10)
College degree	0.99	(0.08)	0.99	(0.07)	0.87	(0.09)
Caregiver married/partnered (omitted=not married/partnered)	1.00	(0.05)	0.96	(0.04)	1.06	(0.07)
Log of caregiver earnings (in dollars)	0.97	(0.05)	0.97	(0.04)	0.98	(0.06)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.05	(0.10)	1.05	(0.09)	1.12	(0.13)
Household stressor scale	0.98	(0.02)	0.98	(0.02)	1.01	(0.03)
Household had health insurance (omitted=no)	1.04	(0.06)	0.96	(0.05)	1.03	(0.08)
Total number of moves from birth to time of first occurrence	1.09 ***	(0.03)	1.09 ***	(0.02)	1.15 ***	(0.04)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	0.99	(0.06)	1.01	(0.05)	0.95	(0.07)
Last school attended was a nonpublic school (omitted=no)	1.02	(0.06)	1.06	(0.06)	0.97	(0.07)
Global indicator of teacher/counselor influence	1.01	(0.03)	0.99	(0.03)	0.98	(0.03)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.92	(0.06)	1.08	(0.07)	0.98	(0.08)
Social capital index	0.97	(0.02)	1.00	(0.02)	0.94 *	(0.03)

Social problems index	1.01	(0.04)	0.96	(0.03)	1.00	(0.04)
Social vulnerability score	0.89	(0.06)	0.92	(0.06)	0.95	(0.07)
Percent African American residents	0.95	(0.03)	0.99	(0.04)	0.95	(0.05)
Percent Latino residents	0.98	(0.06)	1.02	(0.06)	0.90	(0.07)
Occupational prestige score	0.96	(0.05)	1.18 **	(0.06)	1.02	(0.06)
Percent foreign born residents	0.97	(0.04)	1.07	(0.05)	1.10	(0.06)
Percent of residents who moved in preceding 12 months	1.00	(0.03)	0.99	(0.03)	0.95	(0.03)
Living in neighborhood with hospitals and clinics (omitted=no)	1.07	(0.07)	0.96	(0.06)	1.06	(0.08)
Resource factor score	0.95	(0.04)	0.96	(0.04)	0.99	(0.05)
Percent of housing built before 1940	0.97	(0.03)	0.94 *	(0.03)	0.90 **	(0.04)
Violent crime rate per 1,000	1.11	(0.07)	1.36 ***	(0.08)	1.14	(0.08)
Property crime rate per 1,000	0.96	(0.04)	0.83 ***	(0.02)	0.94	(0.04)
Child abuse and neglect rate per 1,000	0.96	(0.03)	1.00	(0.03)	0.97	(0.04)
Neurological hazards index (rescaled by 100)	1.05	(0.04)	0.95	(0.04)	1.07	(0.05)
Respiratory hazards index (rescaled by 100)	0.95	(0.03)	1.06	(0.04)	0.98	(0.04)
Number of observations	768		513		437	
Number of clusters	429		312		260	
Number of failures	174		137		102	
Time at risk	10213		6120		5609	
sigma	0.38		0.28		0.34	
Log-Likelihood	-252.39		-107.57		-126.30	
Chi-square	93.21 ***		146.16 ***		82.72 ***	

Notes:

Exponentiated coefficients; robust standard errors in parentheses. TmR=Time ratio.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-7. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Repeating a Grade

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.42	(0.22)	0.30	(0.43)	0.20	(0.23)
Latino male	1.16	(0.52)	0.61	(0.82)	0.25	(0.30)
African American female	1.00	(0.46)	4.42	(4.79)	1.11	(1.05)
First born in family (omitted=no)	1.11	(0.37)	0.74	(0.64)	0.49	(0.38)
Caregiver and Household Characteristics						
Number of siblings in household	0.73	(0.13)	0.75	(0.41)	0.61	(0.25)
Caregiver reported depressive symptomatology (omitted=no)	1.70	(0.64)	0.63	(0.77)	4.73	(4.98)
Caregiver age at time of child's birth	0.90	(0.16)	0.70	(0.36)	0.70	(0.31)
Caregiver immigrant status (omitted=no)	1.40	(0.72)	2.52	(3.80)	2.98	(3.49)
Caregiver history of substance abuse (omitted=no)	0.57	(0.30)	0.09	(0.15)	0.75	(0.85)
Caregiver disability status (omitted=not disabled)	0.53	(0.36)	0.20	(0.41)	0.11	(0.19)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.46	(0.57)	2.01	(2.37)	1.45	(1.27)
Post-H.S. technical certificate	1.33	(0.68)	2.73	(4.06)	1.80	(1.96)
College degree	0.92	(0.56)	1.12	(2.03)	0.67	(0.93)
Caregiver married/partnered (omitted=not married/partnered)	1.52	(0.52)	9.46	(11.90)	0.90	(0.72)
Log of caregiver earnings (in dollars)	0.89	(0.30)	0.52	(0.48)	0.50	(0.38)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.62	(0.41)	0.29	(0.54)	0.22	(0.35)
Household stressor scale	1.11	(0.19)	1.86	(1.00)	1.15	(0.46)
Household had health insurance (omitted=no)	1.54	(0.63)	5.29	(6.92)	1.23	(1.14)
Total number of moves from birth to time of first occurrence	0.79	(0.14)	0.90	(0.42)	0.86	(0.31)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	1.01	(0.43)	1.79	(2.14)	0.32	(0.30)
Last school attended was a nonpublic school (omitted=no)	0.64	(0.33)	0.21	(0.31)	0.41	(0.45)
Global indicator of teacher/counselor influence	0.96	(0.16)	1.07	(0.55)	2.07	(0.94)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.70	(0.32)	0.20	(0.28)	0.16	(0.20)
Social capital index	0.78	(0.13)	1.44	(0.74)	1.45	(0.56)
Social problems index	1.48	(0.35)	5.29 *	(4.40)	3.87	(2.79)

Social vulnerability score	4.43 **	(2.47)	34.37	(93.61)	5.78	(7.92)
Percent African American residents	1.09	(0.30)	0.17	(0.16)	0.81	(0.49)
Percent Latino residents	1.81	(0.84)	1.02	(1.67)	2.46	(2.49)
Occupational prestige score	0.83	(0.31)	0.00 **	(0.01)	0.28	(0.27)
Percent foreign born residents	0.52	(0.18)	0.02 **	(0.03)	0.14 *	(0.14)
Percent of residents who moved in preceding 12 months	0.68	(0.17)	2.27	(1.52)	0.91	(0.43)
Living in neighborhood with hospitals and clinics (omitted=no)	0.92	(0.50)	7.76	(15.45)	1.60	(2.06)
Resource factor score	1.62	(0.49)	2.51	(2.38)	1.66	(1.10)
Percent of housing built before 1940	1.33	(0.32)	4.88	(4.10)	2.34	(1.49)
Violent crime rate per 1,000	0.17 ***	(0.08)	0.00 ***	(0.00)	0.04 *	(0.05)
Property crime rate per 1,000	2.61 ***	(0.73)	6.67E+03 **	1.79E+04	5.19 *	(3.38)
Child abuse and neglect rate per 1,000	0.72	(0.18)	0.01 **	(0.01)	0.76	(0.38)
Neurological hazards index (rescaled by 100)	0.99	(0.29)	12.00	(16.19)	0.77	(0.49)
Respiratory hazards index (rescaled by 100)	0.83	(0.26)	0.11 *	(0.12)	0.86	(0.51)
Number of observations	754		472		439	
Log-Likelihood	-198.60		-100.01		-96.79	
Chi-square	48.32		15.54		13.19	
Log-Likelihood (for basic logistic model)	-199.10		-103.30		-99.45	
LR Chi-square (XTME vs. Logistic)	0.86		6.59 **		5.32 *	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-8. Standardized Core Cox Models Predicting Hazard of Repeating a Grade

	Ever in DHA		Currently in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE
Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.46	(0.21)	0.46	(0.26)	0.31	(0.21)
Latino male	1.03	(0.42)	0.81	(0.35)	0.62	(0.42)
African American female	1.02	(0.43)	1.92	(0.96)	0.93	(0.54)
First born in family (omitted=no)	1.12	(0.30)	0.81	(0.24)	0.80	(0.33)
Caregiver and Household Characteristics						
Number of siblings in household	0.79	(0.11)	0.77	(0.14)	0.69	(0.20)
Caregiver reported depressive symptomatology (omitted=no)	1.52	(0.49)	1.08	(0.37)	1.96	(1.12)
Caregiver age at time of child's birth	0.95	(0.13)	0.83	(0.13)	0.73	(0.19)
Caregiver immigrant status (omitted=no)	1.39	(0.53)	1.04	(0.55)	1.60	(1.21)
Caregiver history of substance abuse (omitted=no)	0.76	(0.31)	0.52	(0.27)	1.31	(0.80)
Caregiver disability status (omitted=not disabled)	0.65	(0.27)	0.41	(0.19)	0.48	(0.35)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	1.43	(0.48)	1.51	(0.48)	1.60	(0.88)
Post-H.S. technical certificate	1.29	(0.56)	1.37	(0.57)	1.38	(1.09)
College degree	1.00	(0.65)	1.00	(0.80)	2.54	(2.02)
Caregiver married/partnered (omitted=not married/partnered)	1.33	(0.36)	1.96 *	(0.59)	1.17	(0.46)
Log of caregiver earnings (in dollars)	0.97	(0.27)	0.87	(0.22)	0.71	(0.34)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.79	(0.43)	0.69	(0.37)	0.44	(0.44)
Household stressor scale	1.11	(0.16)	1.26	(0.19)	0.94	(0.22)
Household had health insurance (omitted=no)	1.50	(0.54)	1.59	(0.53)	1.27	(0.75)
Total number of moves from birth to time of first occurrence	0.72	(0.13)	0.87	(0.13)	0.54 *	(0.17)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	0.83	(0.31)	1.23	(0.47)	0.52	(0.30)
Last school attended was a nonpublic school (omitted=no)	0.57	(0.20)	0.59	(0.25)	0.62	(0.34)
Global indicator of teacher/counselor influence	0.97	(0.15)	1.27	(0.22)	1.51	(0.32)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	0.96	(0.40)	0.74	(0.32)	0.58	(0.42)
Social capital index	0.80	(0.12)	0.85	(0.16)	1.10	(0.29)
Social problems index	1.18	(0.21)	1.23	(0.28)	1.53	(0.52)

Social vulnerability score	3.63 **	(1.65)	4.02	(3.75)	2.61	(1.86)
Percent African American residents	1.11	(0.29)	0.61	(0.17)	0.87	(0.41)
Percent Latino residents	1.79	(0.64)	1.26	(0.50)	1.45	(0.88)
Occupational prestige score	1.03	(0.31)	0.25 *	(0.14)	0.51	(0.28)
Percent foreign born residents	0.64	(0.16)	0.27 ***	(0.10)	0.48	(0.20)
Percent of residents who moved in preceding 12 months	0.62	(0.16)	1.11	(0.28)	0.90	(0.34)
Living in neighborhood with hospitals and clinics (omitted=no)	0.82	(0.43)	0.47	(0.33)	0.94	(0.61)
Resource factor score	1.58	(0.41)	1.48	(0.42)	1.13	(0.45)
Percent of housing built before 1940	1.17	(0.23)	1.26	(0.36)	1.46	(0.37)
Violent crime rate per 1,000	0.29 **	(0.12)	0.06 ***	(0.03)	0.24 *	(0.14)
Property crime rate per 1,000	1.68 **	(0.32)	2.55 ***	(0.61)	1.69 *	(0.40)
Child abuse and neglect rate per 1,000	0.99	(0.19)	0.71	(0.16)	1.24	(0.27)
Neurological hazards index (rescaled by 100)	1.01	(0.21)	3.25 **	(1.24)	0.95	(0.26)
Respiratory hazards index (rescaled by 100)	0.88	(0.23)	0.44 **	(0.13)	0.93	(0.39)
Number of observations	754		472		439	
Number of clusters	422		291		259	
Number of failures	78		75		41	
Time at risk	10103		5486		5708	
Log-Likelihood	-437.00		-337.64		-191.15	
Chi-square	117.30 ***		277.84 ***		251.02 ***	
Global PH Chi-square	52.45		43.11		38.54	
Global PH df	36		36		36	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-9. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Leaving School Without a Diploma

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	1.04	(0.60)	1.11	(1.00)	1.60	(2.17)
Latino male	0.85	(0.48)	1.20	(1.05)	1.97	(2.46)
African American female	0.50	(0.28)	0.56	(0.50)	0.57	(0.50)
First born in family (omitted=no)	0.92	(0.36)	0.78	(0.45)	0.34	(0.26)
Caregiver and Household Characteristics						
Number of siblings in household	1.12	(0.23)	1.11	(0.38)	1.70	(0.68)
Caregiver reported depressive symptomatology (omitted=no)	3.12 **	(1.37)	4.42	(3.40)	5.79	(5.80)
Caregiver age at time of child's birth	0.95	(0.21)	0.85	(0.30)	0.63	(0.28)
Caregiver immigrant status (omitted=no)	0.23 *	(0.17)	0.16	(0.17)	0.05	(0.09)
Caregiver history of substance abuse (omitted=no)	1.33	(0.67)	1.09	(0.90)	0.19	(0.23)
Caregiver disability status (omitted=not disabled)	1.44	(0.85)	2.61	(2.81)	1.14	(1.26)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	0.91	(0.42)	0.76	(0.56)	1.74	(1.75)
Post-H.S. technical certificate	0.91	(0.57)	1.28	(1.26)	1.18	(1.40)
College degree	0.41	(0.31)	0.11	(0.18)	0.38	(0.51)
Caregiver married/partnered (omitted=not married/partnered)	1.92	(0.79)	1.23	(0.80)	2.23	(1.55)
Log of caregiver earnings (in dollars)	2.02 *	(0.71)	2.20	(1.31)	1.42	(0.87)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	2.97	(1.98)	2.68	(3.04)	6.60	(8.47)
Household stressor scale	0.95	(0.20)	0.63	(0.24)	1.46	(0.53)
Household had health insurance (omitted=no)	1.13	(0.55)	0.65	(0.49)	47.31 *	(74.09)
Total number of moves from birth to time of first occurrence	0.99	(0.19)	1.37	(0.40)	1.16	(0.47)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	3.52 *	(2.12)	4.85	(4.46)	2.13	(2.68)
Last school attended was a nonpublic school (omitted=no)	0.49	(0.27)	0.45	(0.37)	0.38	(0.34)
Global indicator of teacher/counselor influence	0.72	(0.13)	0.69	(0.21)	0.75	(0.28)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.37	(0.72)	1.83	(1.63)	1.85	(1.67)
Social capital index	1.02	(0.22)	0.84	(0.30)	2.96 *	(1.27)

Social problems index	1.45	(0.37)	1.08	(0.53)	0.65	(0.30)
Social vulnerability score	0.95	(0.45)	0.62	(0.49)	0.42	(0.42)
Percent African American residents	0.66	(0.21)	0.57	(0.28)	1.23	(0.78)
Percent Latino residents	0.31 *	(0.18)	0.23	(0.22)	0.45	(0.43)
Occupational prestige score	0.16 ***	(0.08)	0.08 **	(0.07)	0.09 *	(0.09)
Percent foreign born residents	0.62	(0.23)	0.42	(0.25)	0.28	(0.22)
Percent of residents who moved in preceding 12 months	1.09	(0.26)	1.01	(0.39)	3.44 *	(1.65)
Living in neighborhood with hospitals and clinics (omitted=no)	0.50	(0.29)	0.28	(0.28)	0.15	(0.16)
Resource factor score	1.02	(0.34)	0.88	(0.47)	1.67	(1.21)
Percent of housing built before 1940	2.14 **	(0.62)	2.66 *	(1.21)	3.06 *	(1.67)
Violent crime rate per 1,000	0.25 ***	(0.10)	0.14 **	(0.10)	0.07 **	(0.06)
Property crime rate per 1,000	3.26 ***	(1.03)	5.72 **	(3.34)	4.53 **	(2.46)
Child abuse and neglect rate per 1,000	0.99	(0.29)	1.02	(0.48)	1.44	(0.75)
Neurological hazards index (rescaled by 100)	0.86	(0.30)	1.40	(0.87)	1.20	(0.71)
Respiratory hazards index (rescaled by 100)	0.87	(0.25)	0.44	(0.21)	0.98	(0.48)
Number of observations	571		429		320	
Log-Likelihood	-156.30		-107.40		-54.41	
Chi-square	45.14		24.29		35.36	
Log-Likelihood (for basic logistic model)	-157.00		-110.90		-54.41	
LR Chi-square (XTME vs. Logistic)	1.50		6.95 **		0.00	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VII-10. Standardized Core Cox Models Predicting Hazard of Leaving School Without a Diploma

	Ever in DHA		Currently in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values measured at time of first occurrence unless otherwise noted)</i>						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.98	(0.37)	1.23	(0.59)	1.07	(1.28)
Latino male	0.75	(0.30)	0.81	(0.40)	0.85	(0.78)
African American female	0.61	(0.23)	0.56	(0.32)	0.59	(0.40)
First born in family (omitted=no)	1.07	(0.29)	0.85	(0.23)	0.43	(0.22)
Caregiver and Household Characteristics						
Number of siblings in household	1.02	(0.16)	1.04	(0.20)	1.29	(0.53)
Caregiver reported depressive symptomatology (omitted=no)	2.13 *	(0.64)	2.41 *	(0.93)	2.36	(1.37)
Caregiver age at time of child's birth	1.04	(0.15)	0.87	(0.16)	0.96	(0.33)
Caregiver immigrant status (omitted=no)	0.41 *	(0.19)	0.39 *	(0.19)	0.18	(0.18)
Caregiver history of substance abuse (omitted=no)	1.30	(0.45)	1.23	(0.64)	0.37	(0.30)
Caregiver disability status (omitted=not disabled)	1.30	(0.48)	1.50	(0.86)	1.39	(1.25)
Caregiver educational attainment (omitted=no degree)						
H.S. diploma	0.95	(0.28)	0.87	(0.30)	1.72	(1.33)
Post-H.S. technical certificate	1.52	(0.84)	1.90	(1.27)	2.05	(1.68)
College degree	0.50	(0.26)	0.34	(0.29)	0.78	(1.17)
Caregiver married/partnered (omitted=not married/partnered)	1.53	(0.45)	1.06	(0.36)	1.51	(0.76)
Log of caregiver earnings (in dollars)	1.66 **	(0.31)	1.22	(0.33)	1.87	(1.36)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	2.85 *	(1.26)	1.35	(0.77)	7.26	(10.03)
Household stressor scale	0.94	(0.15)	0.84	(0.20)	1.43	(0.39)
Household had health insurance (omitted=no)	1.21	(0.56)	0.81	(0.39)	11.41	(14.18)
Total number of moves from birth to time of first occurrence	0.92	(0.12)	1.04	(0.16)	0.99	(0.23)
School Characteristics						
Last school attended was a neighborhood school (omitted=no)	2.72 *	(1.37)	2.59	(1.36)	3.51	(7.09)
Last school attended was a nonpublic school (omitted=no)	0.54	(0.23)	0.62	(0.37)	0.44	(0.27)
Global indicator of teacher/counselor influence	0.78	(0.14)	0.82	(0.16)	0.74	(0.31)
Neighborhood Characteristics						
Living in neighborhood with negative peers (omitted=no)	1.32	(0.47)	1.43	(0.77)	1.47	(0.93)
Social capital index	1.06	(0.16)	0.99	(0.16)	2.63 **	(0.90)
Social problems index	1.39	(0.31)	1.00	(0.31)	0.94	(0.25)

Social vulnerability score	0.89	(0.33)	0.91	(0.51)	0.57	(0.38)
Percent African American residents	0.77	(0.16)	0.86	(0.25)	0.92	(0.51)
Percent Latino residents	0.51	(0.21)	0.60	(0.35)	0.70	(0.51)
Occupational prestige score	0.48 *	(0.15)	0.41 *	(0.18)	0.34	(0.25)
Percent foreign born residents	0.97	(0.26)	0.86	(0.31)	0.63	(0.33)
Percent of residents who moved in preceding 12 months	1.32	(0.26)	1.05	(0.27)	3.29 *	(1.54)
Living in neighborhood with hospitals and clinics (omitted=no)	0.94	(0.48)	0.70	(0.44)	0.33	(0.27)
Resource factor score	0.91	(0.31)	0.88	(0.35)	1.44	(0.97)
Percent of housing built before 1940	1.20	(0.22)	1.35	(0.32)	1.98	(0.92)
Violent crime rate per 1,000	0.59	(0.20)	0.52	(0.26)	0.29 *	(0.14)
Property crime rate per 1,000	1.54 *	(0.29)	1.73 *	(0.40)	1.76	(0.75)
Child abuse and neglect rate per 1,000	1.06	(0.22)	1.10	(0.30)	1.03	(0.43)
Neurological hazards index (rescaled by 100)	0.89	(0.22)	1.05	(0.37)	0.79	(0.54)
Respiratory hazards index (rescaled by 100)	1.07	(0.23)	0.88	(0.25)	1.29	(0.70)
Number of observations	571		429		320	
Number of clusters	329		253		196	
Number of failures	75		55		33	
Time at risk	8991		6716		4946	
Log-Likelihood	-387.50		-267.00		-131.60	
Chi-square	161.00 ***		102.30 ***		365.60 ***	
Global PH Chi-square	37.87		-- ^a		-- ^a	
Global PH df	36		36		36	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aGlobal PH Chi-square tests in these samples were not statistically significant; exact values available from the authors.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VIII-1. Standardized Core Logit Models Predicting Teen Employment

	Ever in DHA		Currently in DHA		Mostly in DHA	
	OR	SE	OR	SE	OR	SE
Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage)						
Child Characteristics						
Gender and ethnicity of child (omitted=African American male)						
Latina female	0.69	(0.30)	0.60	(0.36)	0.69	(0.38)
Latino male	0.47	(0.20)	0.45	(0.25)	0.51	(0.27)
African American female	0.52	(0.17)	0.39	(0.20)	0.46	(0.21)
First born in family (omitted=no)	1.37	(0.35)	1.59	(0.48)	1.56	(0.46)
Age of child when first worked during H.S. (omitted=age 14)						
Age 15	0.09 **	(0.07)	0.11 **	(0.09)	0.09 **	(0.08)
Age 16	0.29 **	(0.13)	0.44	(0.23)	0.35 *	(0.18)
Age 17	0.82	(0.30)	0.64	(0.31)	0.60	(0.28)
Caregiver and Household Characteristics						
Number of siblings in household	0.81	(0.14)	0.79	(0.15)	0.83	(0.16)
Caregiver reported depressive symptomatology (omitted=no)	1.19	(0.39)	1.35	(0.49)	1.31	(0.46)
Caregiver age at time of child's birth	0.81	(0.14)	0.78	(0.16)	0.79	(0.16)
Caregiver immigrant status (omitted=no)	0.87	(0.34)	0.91	(0.37)	0.87	(0.35)
Caregiver history of substance abuse (omitted=no)	0.93	(0.38)	0.82	(0.34)	0.76	(0.31)
Proportion of H.S. stage when caregiver was disabled	0.88	(0.11)	0.85	(0.16)	0.84	(0.14)
Caregiver educational attainment when child first worked (omitted=no degree)						
H.S. diploma	0.97	(0.31)	1.01	(0.34)	0.92	(0.31)
Post-H.S. technical degree	0.75	(0.34)	0.54	(0.30)	0.45	(0.24)
College degree	0.79	(0.37)	0.78	(0.38)	0.76	(0.36)
Proportion of H.S. stage with two caregivers present in household	0.86	(0.11)	0.96	(0.15)	0.96	(0.14)
Log of average caregiver earnings (in dollars)	1.81 *	(0.45)	1.35	(0.36)	1.39	(0.37)
Availability of caregiver to monitor/supervise children FT/PT during H.S. stage (omitted=not available)	1.64	(0.76)	0.84	(0.42)	0.94	(0.48)
Household stressor scale	0.78	(0.11)	0.62 **	(0.11)	0.62 **	(0.11)
Proportion of H.S. stage when household had health insurance	1.10	(0.14)	1.08	(0.15)	1.06	(0.15)
Total number of moves during H.S. stage	0.89	(0.10)	0.99	(0.14)	0.93	(0.13)
Macroeconomic Characteristics						
Annual growth rate in U.S. GDP during year when child first worked	1.01	(0.11)	1.06	(0.14)	1.05	(0.14)
Neighborhood Characteristics						

Proportion of H.S. stage spent in neighborhood with negative peers	1.07	(0.18)	1.15	(0.25)	1.22	(0.26)
Social capital index	1.16	(0.16)	1.16	(0.18)	1.14	(0.18)
Social problems index	1.25	(0.24)	1.25	(0.31)	1.23	(0.29)
Social vulnerability score	0.79	(0.24)	0.55	(0.22)	0.59	(0.22)
Percent African American residents	0.74	(0.16)	0.84	(0.26)	0.86	(0.25)
Percent Latino residents	0.56	(0.20)	0.71	(0.31)	0.73	(0.30)
Occupational prestige score	0.66	(0.18)	0.74	(0.23)	0.76	(0.23)
Percent foreign born residents	1.06	(0.26)	0.89	(0.26)	0.88	(0.25)
Percent of residents who moved in preceding 12 months	1.17	(0.20)	1.32	(0.30)	1.35	(0.30)
Proportion of H.S. stage living in neighborhood with hospitals and clinics	1.28	(0.18)	1.03	(0.19)	1.14	(0.20)
Resource factor score	0.81	(0.19)	1.17	(0.33)	1.02	(0.29)
Percent of housing built before 1940	1.23	(0.19)	1.56 *	(0.33)	1.49 *	(0.29)
Violent crime rate per 1,000	0.55	(0.17)	0.73	(0.29)	0.73	(0.27)
Property crime rate per 1,000	1.78 *	(0.43)	2.09 *	(0.60)	1.78 *	(0.49)
Child abuse and neglect rate per 1,000	1.50 *	(0.30)	1.41	(0.32)	1.48	(0.33)
Number of observations	444		339		352	
Number of clusters	272		218		226	
Log-Likelihood	-244.50		-176.00		-185.40	
Chi-square	82.44 ***		77.86 ***		81.38 ***	
Pseudo-R ²	0.20		0.24		0.23	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

[illegible]

Proportion of H.S. stage spent in neighborhood with negative peers	1.28	(0.23)	1.21	(0.30)	1.32	(0.33)
Social capital index	1.07	(0.15)	1.09	(0.18)	1.10	(0.18)
Social problems index	0.88	(0.19)	0.86	(0.24)	0.82	(0.21)
Social vulnerability score	0.77	(0.22)	0.77	(0.28)	0.79	(0.28)
Percent African American residents	0.76	(0.18)	0.80	(0.25)	0.81	(0.23)
Percent Latino residents	0.74	(0.29)	1.21	(0.57)	1.19	(0.54)
Occupational prestige score	0.56	(0.17)	0.60	(0.21)	0.57	(0.19)
Percent foreign born residents	0.85	(0.23)	0.57	(0.20)	0.54	(0.18)
Percent of residents who moved in preceding 12 months	1.28	(0.23)	2.19 **	(0.56)	2.19 **	(0.56)
Proportion of H.S. stage living in neighborhood with hospitals and clinics	1.27	(0.18)	1.11	(0.22)	1.19	(0.23)
Resource factor score	0.87	(0.20)	1.03	(0.33)	0.89	(0.28)
Percent of housing built before 1940	1.08	(0.18)	1.35	(0.30)	1.39	(0.30)
Violent crime rate per 1,000	0.59	(0.17)	0.41 *	(0.15)	0.40 *	(0.15)
Property crime rate per 1,000	1.30	(0.32)	1.12	(0.37)	1.02	(0.32)
Child abuse and neglect rate per 1,000	1.17	(0.27)	1.33	(0.35)	1.40	(0.36)
Number of observations	399		300		313	
Number of clusters	244		195		203	
Log-Likelihood	-217.4		-145.1		-152.3	
Chi-square	43.32		50.82		49.22	
<i>p</i> value	0.22		0.0646		0.0862	
Pseudo-R ²	0.112		0.197		0.193	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

^aAge 15 was excluded from the analysis because it was perfectly predictive of the outcome.

* *p* < 0.05; ** *p* < 0.01; *** *p* < 0.001.

Appendix E-VIII-3. Standardized CoreTobit Models Predicting Teen Weekly Hours Worked

[illegible]

Proportion of H.S. stage spent in neighborhood w/ negative peers	2.08	(1.52)	1.71	(1.71)	2.45	(1.73)
Social capital index	0.83	(1.30)	0.60	(1.33)	0.65	(1.35)
Social problems index	0.58	(1.71)	0.36	(1.92)	0.01	(1.92)
Social vulnerability score	-3.73	(2.88)	-4.32	(3.17)	-3.92	(3.23)
Percent African American residents	-3.24	(2.05)	-1.86	(2.44)	-1.66	(2.47)
Percent Latino residents	-5.76	(3.18)	-2.55	(3.56)	-2.88	(3.61)
Occupational prestige score	-5.54 *	(2.34)	-3.25	(2.57)	-3.73	(2.59)
Percent foreign born residents	0.47	(2.24)	-0.63	(2.54)	-0.85	(2.56)
Percent of residents who moved in preceding 12 months	1.83	(1.67)	3.21	(1.89)	3.19	(1.94)
Proportion of H.S. stage living in neighborhood with hospitals and clinics	2.38	(1.29)	0.10	(1.53)	0.78	(1.50)
Resource factor score	-2.21	(2.13)	1.55	(2.35)	0.23	(2.39)
Percent of housing built before 1940	2.67	(1.42)	4.00 *	(1.67)	4.17 *	(1.69)
Violent crime rate per 1,000	-5.54 *	(2.55)	-4.11	(2.77)	-4.50	(2.83)
Property crime rate per 1,000	4.35	(2.29)	3.72	(2.45)	2.76	(2.48)
Child abuse and neglect rate per 1,000	4.80 *	(1.99)	4.72 *	(2.07)	5.25 *	(2.13)
Constant	4.80 *	(1.99)	6.57	(4.75)	6.19	(4.71)
Ancillary parameter	19.60 ***	(1.14)	18.31 ***	(1.21)	18.88 ***	(1.23)
Number of observations	442		337		350	
Log-Likelihood	-981.17		-740.64		-767.44	
Chi-square	115.68 ***		104.08 ***		102.98 ***	
Pseudo-R ²	0.06		0.07		0.06	

Notes:

Tobit coefficients presented; standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VIII-4. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Full-Time Employment Among Young Adults

	Ever in DHA		Majority in DHA	
	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	2.24	(1.30)	3.91	(3.55)
Latino male	3.35 *	(1.91)	6.56 *	(5.92)
African American female	1.04	(0.52)	2.30	(1.82)
First born in family (omitted=no)	0.51	(0.19)	0.64	(0.31)
Age when first worked since turning 18	3.31 ***	(0.99)	6.56 ***	(3.40)
Caregiver and Household Characteristics				
Number of siblings in household	0.93	(0.17)	0.92	(0.25)
Caregiver reported depressive symptomatology (omitted=no)	0.83	(0.35)	0.67	(0.40)
Caregiver age at time of child's birth	0.85	(0.17)	0.96	(0.27)
Caregiver immigrant status (omitted=no)	1.45	(0.79)	1.87	(1.34)
Caregiver history of substance abuse (omitted=no)	1.27	(0.59)	1.04	(0.75)
Proportion of H.S. stage that caregiver was disabled	0.78	(0.14)	0.78	(0.20)
Caregiver educational attainment when child was age 18 (omitted=no degree)				
H.S. diploma	0.90	(0.36)	0.42	(0.24)
Post-H.S. technical certificate or college degree				
Post-H.S. technical degree	0.65	(0.41)	1.16	(1.16)
College degree	0.92	(0.54)	0.44	(0.37)
Proportion of H.S. stage with two caregivers present in household	0.85	(0.15)	0.83	(0.21)
Log of average caregiver earnings (in dollars)	1.74	(0.58)	1.56	(0.69)
Availability of caregiver to monitor/supervise children FT/PT during H.S. stage (omitted=not available)	1.71	(1.07)	1.20	(1.06)
Household stressor scale	0.90	(0.18)	1.28	(0.39)
Proportion of H.S. stage when household had health insurance	1.11	(0.20)	1.18	(0.31)
Total number of moves during H.S. stage	1.04	(0.18)	1.35	(0.40)
Macroeconomic Characteristics				
Annual growth rate in U.S. GDP during year when child turned 18	0.78	(0.14)	0.77	(0.18)
Neighborhood Characteristics				
Proportion of H.S. stage spent in neighborhood with negative peers	1.54	(0.36)	1.85	(0.63)
Social capital index	1.21	(0.24)	1.20	(0.30)
Social problems index	1.32	(0.30)	1.26	(0.42)
Social vulnerability score	0.63	(0.23)	0.55	(0.29)

Percent African American residents	0.80	(0.26)	1.14	(0.63)
Percent Latino residents	0.31 *	(0.16)	0.18 *	(0.14)
Occupational prestige score	0.79	(0.30)	1.22	(0.72)
Percent foreign born residents	2.69 **	(1.02)	5.58 **	(3.20)
Percent of residents who moved in preceding 12 months	0.91	(0.21)	0.80	(0.27)
Proportion of H.S. stage living in neighborhood with hospitals and clinics	1.29	(0.24)	1.36	(0.36)
Resource factor score	0.40 **	(0.14)	0.76	(0.35)
Percent of housing built before 1940	1.28	(0.29)	1.02	(0.35)
Violent crime rate per 1,000	1.52	(0.62)	2.21	(1.57)
Property crime rate per 1,000	1.32	(0.44)	1.41	(0.73)
Child abuse and neglect rate per 1,000	0.88	(0.31)	1.07	(0.55)
Number of observations	323		235	
Log-Likelihood	-169.66		-112.11	
Chi-square	36.61		26.45	
Log-Likelihood (basic logistic model)	-169.90		-112.50	
LR Chi-square (XTME vs. Logistic)	0.38		0.76	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VIII-5. Standardized Core Multilevel Mixed-Effects Logistic Models Predicting Post-Secondary Education Among Young Adults

	Ever in DHA		Mostly in DHA	
	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	4.22 *	(3.09)	3.39	(3.34)
Latino male	0.78	(0.61)	0.40	(0.40)
African American female	3.40	(2.19)	1.81	(1.76)
First born in family (omitted=no)	2.77 *	(1.42)	2.38	(1.69)
Age when first worked since turning 18	0.62	(0.25)	0.35	(0.22)
Caregiver and Household Characteristics				
Number of siblings in household	0.90	(0.23)	0.90	(0.33)
Caregiver reported depressive symptomatology (omitted=no)	1.26	(0.70)	1.18	(0.96)
Caregiver age at time of child's birth	1.78 *	(0.44)	1.51	(0.49)
Caregiver immigrant status (omitted=no)	0.93	(0.64)	0.97	(0.94)
Caregiver history of substance abuse (omitted=no)	1.00	(0.61)	0.42	(0.47)
Proportion of H.S. stage caregiver was disabled	0.98	(0.22)	1.02	(0.37)
Caregiver educational attainment when child was age 18 (omitted=no degree)				
H.S. diploma	1.15	(0.61)	1.21	(0.86)
Post-H.S. technical certificate or college degree				
Post-H.S. technical degree	1.19	(1.07)	1.00	(1.66)
College degree	1.33	(0.96)	4.68	(4.52)
Proportion of H.S. stage with two caregivers present in household	0.65	(0.17)	0.64	(0.24)
Log of average caregiver earnings (in dollars)	0.57	(0.25)	0.82	(0.47)
Availability of caregiver to monitor/supervise children FT/PT during H.S. stage (omitted=not available)	0.33	(0.29)	0.85	(1.04)
Household stressor scale	1.07	(0.25)	0.50	(0.21)
Proportion of H.S. stage when household had health insurance	0.70	(0.17)	0.68	(0.22)
Total number of moves during H.S. stage	1.22	(0.31)	1.27	(0.53)
Macroeconomic Characteristics				
Annual growth rate in U.S. GDP during year when child turned 18	1.14	(0.28)	1.88	(0.76)
Neighborhood Characteristics				
Proportion of H.S. stage spent in neighborhood w/ negative peers	1.05	(0.30)	1.34	(0.61)
Social capital index	1.15	(0.29)	1.41	(0.49)
Social problems index	1.14	(0.31)	1.71	(0.75)
Social vulnerability score	3.91 *	(2.23)	6.29 *	(5.32)
Percent African American residents	0.92	(0.41)	0.56	(0.42)
Percent Latino residents	0.68	(0.46)	0.27	(0.27)
Occupational prestige score	2.25	(1.34)	1.46	(1.11)
Percent foreign born residents	2.69 *	(1.19)	3.27	(2.12)
Percent of residents who moved in preceding 12 months	0.69	(0.22)	0.50	(0.26)
Proportion of H.S. stage living in neighborhood with hospitals and clinics	1.22	(0.32)	0.91	(0.34)
Resource factor score	1.23	(0.54)	0.65	(0.39)
Percent of housing built before 1940	0.54	(0.19)	0.81	(0.38)
Violent crime rate per 1,000	6.12 **	(4.03)	3.45	(3.04)
Property crime rate per 1,000	0.29 *	(0.17)	0.22	(0.20)
Child abuse and neglect rate per 1,000	0.21 *	(0.15)	0.41	(0.42)
Number of observations	323		235	
Log-Likelihood	-88.38		-51.07	
Chi-square	37.70		28.46	
Log-Likelihood (basic logistic model)	-88.38		-51.07	
LR Chi-square (XTME vs. Logistic)	0.00		0.00	

Notes:
 Exponentiated coefficients; robust standard errors in parentheses.
 * p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-VIII-6. Standardized Core Logit Models Predicting Young Adult was Neither in School Nor Employed

	Ever in DHA		Majority in DHA	
	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	0.16 *	(0.12)	0.19	(0.22)
Latino male	0.22 *	(0.15)	0.33	(0.34)
African American female	0.50	(0.34)	0.87	(0.84)
First born in family (omitted=no)	0.82	(0.36)	0.34	(0.21)
Age when first worked since turning 18	0.46 **	(0.14)	0.23 **	(0.12)
Caregiver and Household Characteristics				
Number of siblings in household	1.07	(0.23)	0.80	(0.27)
Caregiver reported depressive symptomatology (omitted=no)	1.54	(0.79)	3.73	(2.58)
Caregiver age at time of child's birth	0.65	(0.17)	0.48	(0.25)
Caregiver immigrant status (omitted=no)	0.47	(0.31)	0.31	(0.24)
Caregiver history of substance abuse (omitted=no)	0.31	(0.23)	0.54	(0.42)
Proportion of H.S. stage caregiver was disabled	0.99	(0.26)	1.17	(0.32)
Caregiver educational attainment when child was age 18 (omitted=no degree)				
H.S. diploma	0.73	(0.30)	0.69	(0.45)
Post-H.S. technical degree	2.30	(1.56)	2.74	(2.98)
College degree	1.08	(0.77)	0.15	(0.15)
Proportion of H.S. stage with two caregivers present in household	0.78	(0.16)	0.50 *	(0.17)
Log of average caregiver earnings (in dollars)	0.39 **	(0.13)	0.25 **	(0.13)
Availability of caregiver to monitor/supervise children FT/PT during H.S. stage (omitted=not available)	0.67	(0.42)	0.35	(0.27)
Household stressor scale	0.84	(0.20)	0.93	(0.30)
Proportion of H.S. stage when household had health insurance	0.89	(0.18)	0.81	(0.24)
Total number of moves during H.S. stage	0.94	(0.25)	0.83	(0.31)
Macroeconomic Characteristics				
Annual growth rate of U.S. GDP during year when child turned 18	0.69	(0.14)	0.41 **	(0.12)
Neighborhood Characteristics				
Proportion of H.S. stage spent in neighborhood w/ negative peers	1.02	(0.23)	0.67	(0.18)
Social capital index	1.14	(0.21)	1.82 *	(0.45)
Social problems index	0.60	(0.18)	0.38 **	(0.14)
Social vulnerability score	0.66	(0.33)	1.07	(0.81)
Percent African American residents	1.14	(0.42)	3.53	(2.86)
Percent Latino residents	4.11 *	(2.41)	32.66 ***	(31.25)
Occupational prestige score	0.49	(0.21)	0.50	(0.44)
Percent foreign born residents	0.36 *	(0.17)	0.15 **	(0.09)
Percent of residents who moved in preceding 12 months	1.56	(0.52)	2.94 **	(1.24)
Proportion of H.S. stage living in neighborhood with hospitals and clinics	0.86	(0.22)	0.50	(0.18)
Resource factor score	1.45	(0.61)	1.60	(1.02)
Percent of housing built before 1940	0.99	(0.25)	0.76	(0.43)
Violent crime rate per 1,000	0.19 **	(0.11)	0.08 **	(0.07)
Property crime rate per 1,000	1.65	(0.57)	1.56	(0.79)
Child abuse and neglect rate per 1,000	2.34 *	(0.87)	1.72	(0.72)
Number of observations	323		235	
Number of clusters	194		154	
Log-Likelihood	-108.69		-64.57	
Chi-square	76.35 ***		66.42 **	
Pseudo-R ²	0.25		0.42	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

Logistic models were used for this outcome because of convergence problems with multilevel mixed-effects logistic models.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IX-1. Standardized Core Logit Models Predicting Marriage or Cohabitation Between the Ages of 15 and 24

	Ever in DHA		Mostly in DHA	
	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage unless otherwise noted)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	3.04	(1.97)	18.89 *	(22.50)
Latino male	1.35	(0.89)	2.52	(3.19)
African American female	1.18	(0.58)	6.71 *	(6.13)
First born in family (omitted=no)	1.79	(0.68)	1.05	(0.80)
Had a child prior to marriage/cohabitation (omitted=no)	13.50 ***	(5.26)	87.09 ***	(94.03)
Caregiver and Household Characteristics				
Number of siblings in household	1.08	(0.22)	0.80	(0.22)
Caregiver reported depressive symptomatology (omitted=no)	1.14	(0.39)	0.59	(0.36)
Caregiver age at time of child's birth	0.79	(0.24)	0.58	(0.19)
Caregiver immigrant status (omitted=no)	0.99	(0.50)	0.59	(0.67)
Caregiver educational attainment (omitted=no degree)				
H.S. diploma	0.72	(0.26)	0.39	(0.25)
Post-H.S. technical certificate or college degree	2.13	(1.01)	1.53	(1.07)
Lived in household with two caregivers for 50% or more of H.S. stage (omitted=no)	1.72	(0.56)	1.36	(0.83)
Natural log of average caregiver earnings (in dollars)	1.12	(0.32)	0.84	(0.50)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.84	(0.37)	0.54	(0.50)
Household stressor scale	0.93	(0.19)	1.17	(0.40)
Household had health insurance during all of H.S. stage (omitted=no)	1.89	(0.64)	2.87	(1.94)
Total number of moves	1.19	(0.17)	1.27	(0.38)
Neighborhood Characteristics				
Lived in neighborhood with negative peers for 50% or more of H.S. stage (omitted=no)	0.85	(0.36)	1.77	(1.17)
Social capital index	1.21	(0.22)	1.40	(0.40)
Social problems index	1.54	(0.41)	1.38	(0.53)
Social vulnerability score	0.47	(0.21)	0.59	(0.51)
Percent African American residents	0.59	(0.20)	0.30 *	(0.15)
Percent Latino residents	0.42	(0.25)	0.15 *	(0.14)
Occupational prestige score	0.20 **	(0.10)	0.04 ***	(0.03)
Percent foreign born residents	0.71	(0.24)	0.81	(0.41)
Percent of residents who moved in preceding 12 months	1.07	(0.23)	0.99	(0.37)

Resource factor score	1.03	(0.30)	1.00	(0.47)
Percent of housing built before 1940	2.10 *	(0.62)	4.62 ***	(2.03)
Violent crime rate per 1,000	0.32 ***	(0.10)	0.04 ***	(0.03)
Property crime rate per 1,000	4.08 ***	(1.33)	15.88 ***	(10.36)
Number of observations	488		245	
Number of clusters	289		157	
Log-Likelihood	-153.96		-53.52	
Chi-square	91.44 ***		119.00 ***	
Pseudo-R ²	0.41		0.59	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IX-2. Standardized Core Cox Models Predicting Hazard of Marriage or Cohabitation Between the Ages of 15 and 24

	Ever in DHA		Mostly in DHA	
	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage unless otherwise noted)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	2.24 *	(0.90)	7.02 **	(4.95)
Latino male	1.29	(0.49)	1.14	(0.80)
African American female	0.98	(0.33)	1.85	(1.15)
First born in family (omitted=no)	1.10	(0.30)	0.63	(0.29)
Had a child prior to marriage/cohabitation (omitted=no)	3.73 ***	(0.87)	5.30 ***	(1.77)
Caregiver and Household Characteristics				
Number of siblings in household	1.02	(0.12)	0.99	(0.16)
Caregiver reported depressive symptomatology (omitted=no)	1.27	(0.28)	0.98	(0.36)
Caregiver age at time of child's birth	0.82	(0.19)	0.72	(0.13)
Caregiver immigrant status (omitted=no)	1.52	(0.60)	2.48	(1.36)
Caregiver educational attainment (omitted=no degree)				
H.S. diploma	1.00	(0.25)	0.90	(0.34)
Post-H.S. technical certificate or college degree	1.74	(0.52)	1.73	(0.87)
Lived in household with two caregivers for 50% or more of H.S. stage (omitted=no)	1.50	(0.36)	1.13	(0.49)
Natural log of average caregiver earnings (in dollars)	1.15	(0.21)	0.82	(0.19)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.95	(0.30)	0.76	(0.36)
Household stressor scale	1.03	(0.11)	1.15	(0.23)
Household had health insurance during all of H.S. stage (omitted=no)	1.26	(0.33)	1.87	(0.80)
Total number of moves	1.21	(0.13)	1.17	(0.23)
Neighborhood Characteristics				
Lived in neighborhood with negative peers for 50% or more of H.S. stage (omitted=no)	1.06	(0.28)	2.45	(1.19)
Social capital index	1.21	(0.16)	1.33	(0.32)
Social problems index	1.32	(0.19)	1.16	(0.22)
Social vulnerability score	1.00	(0.27)	1.60	(0.84)
Percent African American residents	0.80	(0.15)	0.58	(0.18)

Percent Latino residents	0.71	(0.22)	0.40	(0.20)
Occupational prestige score	0.80	(0.15)	0.41 *	(0.16)
Percent foreign born residents	1.35	(0.32)	1.51	(0.53)
Percent of residents who moved in preceding 12 months	0.81	(0.15)	0.66	(0.19)
Resource factor score	0.97	(0.21)	0.76	(0.26)
Percent of housing built before 1940	1.37 **	(0.16)	2.12 ***	(0.42)
Violent crime rate per 1,000	0.66 *	(0.14)	0.24 ***	(0.09)
Property crime rate per 1,000	1.71 ***	(0.18)	2.55 ***	(0.44)
Number of observations	488		245	
Number of clusters	289		157	
Number of failures	111		54	
Time at risk	9186		4544	
Log-Likelihood	-544.97		-203.41	
Chi-square	169.91 ***		199.53 ***	
Global PH Chi-square	41.21		32.45	
Global PH df	30		30	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IX-3. Standardized Core Logit Models Predicting Giving Birth or Fathering a Child Between the Ages of 15 and 18

	Ever in DHA		Majority in DHA	
	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage unless otherwise noted)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	5.07 **	(2.75)	4.42 *	(2.89)
Latino male	0.81	(0.46)	0.76	(0.51)
African American female	2.02	(0.96)	1.80	(1.29)
First born in family (omitted=no)	0.75	(0.25)	0.74	(0.32)
Early onset of puberty (omitted=on time, late, or not yet)	1.36	(0.65)	1.22	(0.78)
Caregiver and Household Characteristics				
Number of siblings in household	0.96	(0.17)	1.00	(0.21)
Caregiver reported depressive symptomatology (omitted=no)	1.15	(0.47)	1.10	(0.54)
Caregiver age at time of child's birth	0.66	(0.17)	0.77	(0.24)
Caregiver immigrant status (omitted=no)	0.48	(0.27)	0.47	(0.30)
Caregiver history of substance abuse (omitted=no)	0.68	(0.35)	0.64	(0.42)
Caregiver was disabled during all or part of H.S. stage (omitted=no)	1.37	(1.33)	0.47	(0.46)
Caregiver educational attainment (omitted=no degree)				
H.S. diploma	0.39 *	(0.14)	0.36 *	(0.16)
Post-H.S. technical certificate or college degree	0.36 *	(0.18)	0.55	(0.31)
Lived in household with two caregivers for 50% or more of H.S. stage (omitted=no)	0.80	(0.26)	0.80	(0.31)
Natural log of average caregiver earnings (in dollars)	1.00	(0.32)	0.90	(0.30)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.72	(0.45)	0.60	(0.37)
Household stressor scale	1.18	(0.20)	1.35	(0.26)
Household had health insurance during all of H.S. stage (omitted=no)	0.75	(0.27)	0.73	(0.30)
Total number of moves	1.14	(0.16)	0.98	(0.19)
Caregiver gave birth to this child during teen years (omitted=no)	1.12	(0.48)	2.14	(1.07)
Neighborhood Characteristics				
Lived in neighborhood with negative peers for 50% or more of H.S. stage (omitted=no)	0.70	(0.30)	0.57	(0.29)
Social capital index	1.15	(0.20)	1.10	(0.22)
Social problems index	1.51	(0.37)	1.47	(0.42)
Social vulnerability score	0.77	(0.26)	0.89	(0.39)
Percent African American residents	0.73	(0.20)	0.49 *	(0.15)
Percent Latino residents	0.34 ***	(0.11)	0.25 ***	(0.10)

Occupational prestige score	0.44 **	(0.14)	0.40 *	(0.17)
Percent of residents who moved in preceding 12 months	1.20	(0.25)	1.14	(0.25)
Lived in neighborhood with hospitals and clinics during all of H.S. stage (omitted=no)	0.82	(0.40)	1.01	(0.62)
Resource factor score	0.98	(0.30)	1.08	(0.43)
Percent of housing built before 1940	1.41	(0.26)	1.28	(0.30)
Violent crime rate per 1,000	0.54	(0.17)	0.43	(0.21)
Property crime rate per 1,000	2.29 ***	(0.54)	2.64 **	(0.87)
Percent of teen births	1.25	(0.24)	1.63	(0.42)
Number of observations	471		365	
Number of clusters	285		229	
Log-Likelihood	-163.74		-116.65	
Chi-square	85.83 ***		101.50 ***	
Pseudo-R ²	0.24		0.29	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IX-4. Standardized Core Cox Models Predicting Hazard of Giving Birth or Fathering a Child Between the Ages of 15 and 18

	Ever in DHA		Majority in DHA	
	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage unless otherwise noted)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	3.56 **	(1.41)	3.13 *	(1.80)
Latino male	0.75	(0.33)	0.67	(0.40)
African American female	1.58	(0.59)	1.39	(0.87)
First born in family (omitted=no)	0.75	(0.21)	0.77	(0.29)
Early onset of puberty (omitted=on time, late, or not yet)	1.51	(0.58)	1.41	(0.76)
Caregiver and Household Characteristics				
Number of siblings in household	0.98	(0.12)	0.98	(0.16)
Caregiver reported depressive symptomatology (omitted=no)	1.14	(0.34)	1.27	(0.44)
Caregiver age at time of child's birth	0.73	(0.16)	0.78	(0.23)
Caregiver immigrant status (omitted=no)	0.70	(0.36)	0.81	(0.45)
Caregiver history of substance abuse (omitted=no)	0.61	(0.27)	0.58	(0.34)
Caregiver was disabled during all or part of H.S. stage (omitted=no)	1.28	(0.99)	0.65	(0.61)
Caregiver educational attainment (omitted=no degree)				
H.S. diploma	0.53 *	(0.15)	0.53 *	(0.17)
Post-H.S. technical certificate or college degree	0.55	(0.21)	0.75	(0.35)
Lived in household with two caregivers for 50% or more of H.S. stage (omitted=no)	0.82	(0.19)	0.78	(0.24)
Natural log of average caregiver earnings (in dollars)	0.95	(0.26)	0.80	(0.21)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	0.77	(0.42)	0.68	(0.36)
Household stressor scale	1.15	(0.13)	1.22	(0.20)
Household had health insurance during all of H.S. stage (omitted=no)	0.71	(0.20)	0.63	(0.20)
Total number of moves	1.00	(0.11)	0.85	(0.13)
Caregiver gave birth to this child during teen years (omitted=no)	1.18	(0.43)	1.81	(0.78)
Neighborhood Characteristics				
Lived in neighborhood with negative peers for 50% or more of H.S. stage (omitted=no)	0.85	(0.28)	0.80	(0.30)
Social capital index	1.11	(0.15)	1.05	(0.17)
Social problems index	1.29	(0.23)	1.25	(0.27)
Social vulnerability score	0.96	(0.22)	1.32	(0.45)
Percent African American residents	0.90	(0.20)	0.62	(0.16)
Percent Latino residents	0.57 *	(0.14)	0.38 **	(0.12)

Occupational prestige score	0.69	(0.14)	0.60	(0.18)
Percent of residents who moved in preceding 12 months	1.26	(0.22)	1.30	(0.22)
Lived in neighborhood with hospitals and clinics during all of H.S. stage (omitted=no)	1.00	(0.41)	1.04	(0.57)
Resource factor score	0.88	(0.21)	1.09	(0.35)
Percent of housing built before 1940	1.17	(0.15)	1.24	(0.19)
Violent crime rate per 1,000	0.71	(0.16)	0.60	(0.21)
Property crime rate per 1,000	1.44 *	(0.24)	1.21	(0.35)
Percent of teen births	1.21	(0.20)	1.53	(0.37)
Number of observations	471		365	
Number of clusters	285		229	
Number of failures	80		61	
Time at risk	8111		6271	
Log-Likelihood	-427.85		-300.79	
Chi-square	128.90 ***		108.30 ***	
Global PH Chi-square	42.30		40.13	
Global PH df	34		34	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IX-5. Standardized Core Logit Models Predicting Nonmarital Births Occurring Between the Ages of 18 and 24

	Ever in DHA		Majority in DHA	
	OR	SE	OR	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage unless otherwise noted)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	1.18	(0.60)	1.30	(0.81)
Latino male	1.07	(0.52)	1.07	(0.62)
African American female	1.58	(0.63)	1.62	(0.86)
First born in family (omitted=no)	0.50 *	(0.16)	0.61	(0.22)
Caregiver and Household Characteristics				
Older sibling had a nonmarital birth (omitted=no)	1.06	(0.49)	0.82	(0.49)
Number of siblings in household	0.96	(0.18)	1.11	(0.27)
Caregiver reported depressive symptomatology (omitted=no)	0.79	(0.26)	0.73	(0.30)
Caregiver age at time of child's birth	0.56 **	(0.10)	0.79	(0.14)
Caregiver immigrant status (omitted=no)	0.34	(0.20)	0.30	(0.21)
Caregiver history of substance abuse (omitted=no)	0.94	(0.36)	1.46	(0.64)
Caregiver was disabled during all or part of H.S. stage (omitted=no)	0.65	(0.39)	0.59	(0.47)
Caregiver educational attainment (omitted=no degree)				
H.S. diploma	0.60	(0.20)	0.66	(0.27)
Post-H.S. technical certificate or college degree	0.44	(0.20)	0.55	(0.30)
Lived in household with two caregivers for 50% or more of H.S. stage (omitted=no)	0.79	(0.25)	0.75	(0.31)
Natural log of average caregiver earnings (in dollars)	1.88 *	(0.52)	1.81	(0.55)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	2.14	(1.10)	2.91	(1.71)
Household stressor scale	0.96	(0.15)	0.94	(0.16)
Household had health insurance during all of H.S. stage (omitted=no)	1.81	(0.66)	1.35	(0.52)
Total number of moves	1.04	(0.14)	1.06	(0.19)
Caregiver gave birth to this child outside of marriage (omitted=no)	1.17	(0.35)	1.38	(0.52)
Neighborhood Characteristics				
Lived in neighborhood with negative peers for 50% or more of H.S. stage (omitted=no)	0.61	(0.23)	0.59	(0.30)
Social capital index	1.34	(0.23)	1.27	(0.25)
Social problems index	1.27	(0.22)	1.17	(0.25)
Social vulnerability score	0.63	(0.17)	0.56	(0.19)
Percent African American residents	1.08	(0.28)	0.81	(0.22)
Percent Latino residents	0.72	(0.27)	0.66	(0.28)

Occupational prestige score	0.50 **	(0.12)	0.46 **	(0.13)
Percent foreign born residents	0.73	(0.19)	0.65	(0.22)
Percent of residents who moved in preceding 12 months	1.32	(0.23)	1.51 *	(0.30)
Lived in neighborhood with hospitals and clinics during all of H.S. stage (omitted=no)	0.51	(0.18)	0.61	(0.28)
Resource factor score	0.91	(0.27)	1.09	(0.36)
Percent of housing built before 1940	1.60 **	(0.28)	1.65 *	(0.34)
Violent crime rate per 1,000	0.72	(0.23)	0.73	(0.28)
Property crime rate per 1,000	1.44	(0.34)	1.62	(0.52)
Child abuse and neglect rate per 1,000	0.77	(0.20)	0.69	(0.21)
Number of observations	367		282	
Number of clusters	216		181	
Log-Likelihood	-172.66		-126.64	
Chi-square	72.86 ***		60.61 **	
Pseudo-R ²	0.17		0.17	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.

Appendix E-IX-6. Standardized Core Cox Models Predicting Hazard of Nonmarital Births Occurring Between the Ages of 18 and 24

	Ever in DHA		Majority in DHA	
	Hazard	SE	Hazard	SE
<i>Predictor Measures (All continuous variables reflect standardized values calculated as an average of measures taken during high school stage unless otherwise noted)</i>				
Child Characteristics				
Gender and ethnicity of child (omitted=African American male)				
Latina female	1.24	(0.47)	1.34	(0.68)
Latino male	1.03	(0.39)	1.11	(0.53)
African American female	1.67	(0.58)	1.74	(0.85)
First born in family (omitted=no)	0.52 **	(0.13)	0.64	(0.19)
Caregiver and Household Characteristics				
Older sibling had a nonmarital birth (omitted=no)	1.12	(0.41)	0.95	(0.44)
Number of siblings in household	0.99	(0.15)	1.11	(0.25)
Caregiver reported depressive symptomatology (omitted=no)	0.71	(0.20)	0.69	(0.26)
Caregiver age at time of child's birth	0.68 **	(0.10)	0.91	(0.14)
Caregiver immigrant status (omitted=no)	0.40	(0.19)	0.35	(0.19)
Caregiver history of substance abuse (omitted=no)	1.00	(0.30)	1.34	(0.48)
Caregiver was disabled during all or part of H.S. stage (omitted=no)	0.60	(0.30)	0.52	(0.35)
Caregiver educational attainment (omitted=no degree)				
H.S. diploma	0.64	(0.16)	0.71	(0.22)
Post-H.S. technical certificate or college degree	0.45 *	(0.15)	0.51	(0.22)
Lived in household with two caregivers for 50% or more of H.S. stage (omitted=no)	0.92	(0.25)	0.84	(0.29)
Natural log of average caregiver earnings (in dollars)	1.71 *	(0.37)	1.69 *	(0.39)
Caregiver was available to monitor/supervise children FT/PT (omitted=not available)	1.87	(0.78)	2.13	(0.95)
Household stressor scale	1.08	(0.14)	1.06	(0.17)
Household had health insurance during all of H.S. stage (omitted=no)	1.58	(0.47)	1.32	(0.45)
Total number of moves	1.08	(0.12)	1.11	(0.16)
Caregiver gave birth to this child outside of marriage (omitted=no)	1.44	(0.35)	1.61	(0.52)
Neighborhood Characteristics				
Lived in neighborhood with negative peers for 50% or more of H.S. stage (omitted=no)	0.62	(0.19)	0.57	(0.24)
Social capital index	1.27	(0.17)	1.23	(0.19)
Social problems index	1.15	(0.15)	1.10	(0.18)
Social vulnerability score	0.71	(0.17)	0.64	(0.20)
Percent African American residents	1.12	(0.22)	0.98	(0.20)
Percent Latino residents	0.88	(0.28)	0.90	(0.31)

Occupational prestige score	0.76	(0.15)	0.72	(0.17)
Percent foreign born residents	0.96	(0.20)	0.77	(0.21)
Percent of residents who moved in preceding 12 months	1.12	(0.18)	1.29	(0.21)
Lived in neighborhood with hospitals and clinics during all of H.S. stage (omitted=no)	0.60	(0.16)	0.71	(0.27)
Resource factor score	1.05	(0.24)	1.18	(0.30)
Percent of housing built before 1940	1.28	(0.18)	1.29	(0.22)
Violent crime rate per 1,000	0.85	(0.21)	0.81	(0.22)
Property crime rate per 1,000	1.32	(0.26)	1.41	(0.38)
Child abuse and neglect rate per 1,000	0.80	(0.17)	0.76	(0.17)
Number of observations	367		282	
Number of clusters	216		181	
Number of failures	93		65	
Time at risk	7649		5899	
Log-Likelihood	-481.30		-320.80	
Chi-square	71.53 ***		58.98 **	
Global PH Chi-square	37.35		36.88	
Global PH df	35		35	

Notes:

Exponentiated coefficients; robust standard errors in parentheses.

* p < 0.05; ** p < 0.01; *** p < 0.001.