Table 1 Correlation Between the Number of Years on Welfare During Each Childhood Period

Childhood welfare	Bivariate Correlation Coefficients			
	(1)	(2)	(3)	(4)
(1) years on welfare, age 0-5	1.000			
(2) years on welfare, age 6-10	.700***	1.000		
(3) years on welfare, age 11-15	.573***	.776***	1.000	
(4) years on welfare, age 0-15	.842***	.934***	.888***	1.000

Source: Panel Study of Income Dynamics

Table 2 Distribution of Entrance into Welfare by Childhood Stage

Childhood stage	# of children receiving welfare in stage	% of children who started receiving welfare in stage		
		(1)	(2)	(3)
(1) Age 0-5	369	100.0	0	0
(2) Age 6-10	415	65.1	34.9	0
(3) Age 11-15	364	61.8	24.2	14.0
(4) Age 0-15	565	65.3	25.7	9.0

Source: Panel Study of Income Dynamics

Table 3 Effect of Different Measures of Parental Welfare Receipt on Children's Completed Years of Schooling by Age 23, Cross Section Estimates

Variables	Childhood Period	(1) Model 1	(2) Model 2	(3) Model 3	Childhood Period	(4) Model 1	(5) Model 2	(6) Model 3
Ever on welfare	Ages 0 to15	-.853*** (.137)	-.512*** (.136)	-.319* (.183)	Ages 0 to 5	-.493** (.194)	-.398** (.181)	-.455** (.203)
					Ages 6 to 10	-.218 (.222)	-.004 (.208)	-.072 (.222)
					Ages 11 to 15	-.572** (.221)	-.509** (.203)	-.412** (.207)
Years on welfare	Ages 0 to15	-.110*** (.017)	-.081*** (.017)	-.086*** (.023)	Ages 0 to 5	-.099 (.061)	-.094* (.057)	-.140** (.063)
					Ages 6 to 10	-.073 (.069)	-.051 (.064)	-.057 (.066)
					Ages 11 to 15	-.160** (.062)	-.104* (.057)	-.081 (.057)
Annual welfare Income (in $1,000)	Ages 0 to15	-.175*** (.029)	-.126*** (.028)	-.105*** (.034)	Ages 0 to 5	-.049 (.032)	-.039 (.030)	-.049 (.031)
					Ages 6 to 10	-.033 (.042)	-.033 (.038)	-.020 (.039)
					Ages 11 to 15	-.110** (.051)	-.059 (.047)	-.040 (.047)

N=1219, * = significant at 10% level, ** = significant at 5% level, *** = significant at 1% level, Standard errors in parentheses

Model (1) also includes race, sex, birth order, poverty status of grandparents, religion, region of residence, location of residence (SMSA or not), proportion of years when the head was disabled, the county unemployment rate, and birth cohort.
Model (2) adds parents' education, average family income and family size.
Model (3) adds mother's age at individual's birth, the number of siblings, proportion of years with one parent, proportion of years with head other than parents, proportion of years when the parent's marital status changed, father's and mother's work hours, proportion of years when the mother worked, and proportion of years when the family moved.

Table 4 Effect of Parental Welfare Receipt on Children's Educational Attainment Estimated with Sibling Sample

	Cross-section			Fixed-effect		
	(1)	(2)	(3)	(4)	(5)	(6)
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Years of completed schooling by 23						
Years on welfare	-.112***	-.088***	-.082***	-.224*	-.237*	-.298
	(.021)	(.022)	(.032)	(.124)	(.125)	(.183)
Annual welfare Income	-.167***	-.128***	-.092**	-.570***	-.596***	-.744***
(in $1,000)	(.036)	(.034)	(.043)	(.153)	(.162)	(.250)
# of cases(pairs)		813 cases			269 pairs	
High school completion by 19						
Years on welfare	-.143***	-.086***	-.086***	-.159	-.158	-.244*
	(.014)	(.017)	(.024)	(.099)	(.101)	(.147)
Annual welfare Income	-.279***	-.174***	-.144***	-.375**	-.350**	-.492**
(in $1,000)	(.036)	(.038)	(.047)	(.152)	(.165)	(.249)
# of cases (pairs)		1561 cases			218 pairs	
Years of completed schooling by 19						
Years on welfare	-.077***	-.051***	-.038**	-.092***	-.093**	-.111*
	(.009)	(.010)	(.015)	(.034)	(.037)	(.057)
Annual welfare Income	-.122***	-.077***	-.041*	-.060	-.052	-.050
(in $1,000)	(.016)	(.017)	(.021)	(.079)	(.079)	(.084)
# of cases (pairs)		1419 cases			796 pairs	

*= significant at 10% level, ** = significant at 5% level, *** = significant at 1% level,

Standard errors (Huber standard errors of fixed-effect estimates) in parentheses

Cross-sectional models also contain the same controls as the corresponding model in table 3.

Fixed-effect models:

Model 1 also includes a dummy for a female and male pair, a dummy for a first born and younger pair, and a dummy for a pair missing birth order. Region of residence during childhood,

location of residence (SMSA or not), proportion of years with head disabled, unemployment rate, and birth cohort are included in a differenced form.

Model 2 adds average family income and family size (in a differenced form).

Model 3 adds number of siblings, proportion of years with one parent, proportion of years with head other than parent, proportion of years when parent's marital status changed, father's work

hours, mother's work hours, proportion of years when mother worked, and proportion of years when family moved (in a differenced form).

Table 5 Childhood Stage-Specific Effects of Parental Welfare Receipt on Children's Educational Attainment Estimated with Sibling Sample

	Cross-section			Fixed-effect		
	(1)	(2)	(3)	(4)	(5)	(6)
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Years of completed schooling by 23						
Years on welfare						
Age 0-5	-.120 (.082)	-.121 (.077)	-.126 (.085)	-.087 (.201)	-.093 (.216)	-.205 (.268)
Age 6-10	-.028 (.085)	-.029 (.078)	-.023 (.084)	-.318*** (.113)	-.321*** (.117)	-.296* (.166)
Age 11-15	-.197*** (.072)	-.125* (.066)	-.108 (.069)	-.400** (.180)	-.411** (.178)	-.411* (.219)
Welfare Income (in $1,000)						
Age 0-5	-.048 (.040)	-.044 (.037)	-.039 (.040)	-.258*** (.080)	-.266*** (.084)	-.316***(.105)
Age 6-10	-.025 (.049)	-.037 (.044)	-.022 (.045)	-.190*** (.066)	-.194*** (.068)	-.176* (.094)
Age 11-15	-.109* (.056)	-.048 (.051)	-.034 (.053)	-.326* (.174)	-.325* (.181)	-.216 (.205)
# of cases(pairs)	813 cases			269 pairs		
High school completion by 19						
Years on welfare						
Age 0-5	-.166** (.069)	-.099 (.073)	-.069 (.083)	.108 (.189)	.159 (.180)	.191 (.232)
Age 6-10	-.076 (.074)	-.043 (.074)	-.049 (.081)	-.350** (.156)	-.322** (.162)	-.422* (.221)
Age 11-15	-.216*** (.062)	-.143** (.064)	-.112* (.067)	-.508** (.215)	-.510** (.221)	-.592** (.247)
Welfare Income (in $1,000)						
Age 0-5	-.086** (.040)	-.040 (.040)	-.030 (.042)	-.037 (.118)	-.027 (.118)	-.078 (.1.32)
Age 6-10	-.088* (.046)	-.072* (.043)	-.064 (.045)	-.214** (.087)	-.212** (.092)	-.257** (.113)

	(1)	(2)	(3)	(4)	(5)	(6)
Age 11-15	-.106** (.047)	-.056 (.044)	-.044 (.046)	-.151 (.152)	-.157 (.157)	-.187 (.166)
# of cases (pairs)		1561 cases			218 pairs	

	Years of completed schooling by 19					
Years on welfare						
Age 0-5	-.096*** (.035)	-.066* (.035)	-.048 (.039)	-.031 (.057)	-.025 (.057)	.002 (.074)
Age 6-10	-.043 (.038)	-.029 (.037)	-.021 (.039)	-.079 (.066)	-.071 (.065)	-.079 (.077)
Age 11-15	-.096*** (.033)	-.063** (.032)	-.046 (.033)	-.275*** (.086)	-.267*** (.085)	-.279*** (.088)
Welfare Income (in $1,000)						
Age 0-5	-.060*** (.018)	-.039** (.018)	-.028 (.019)	-.017 (.035)	-.013 (.036)	-.007 (.042)
Age 6-10	-.024 (.021)	-.018 (.020)	-.004 (.021)	-.011 (.033)	-.010 (.031)	-.010 (.033)
Age 11-15	-.042* (.023)	-.022 (.022)	-.013 (.022)	.027 (.061)	.025 (.060)	.031 (.061)
# of cases (pairs)		1419 cases			796 pairs	

*= significant at 10% level, ** = significant at 5% level, *** = significant at 1% level,

Standard errors (Huber standard errors of fixed-effect estimates) in parentheses

Each model contains the same controls as the corresponding model in table 4.

Table 6 Effect of Long-Term Welfare Participation and High Welfare Income on Children's Educational Attainment: Fixed Effect Estimates (Full sample)

	(1) Model 1	(2) Model 2	(3) Model 3
	Years of completed schooling by 23		
Long-term welfare (>5 yrs, n=39 pairs)	-.361** (.167)	-.371** (.171)	-.367 (.233)
High welfare income (>=$1,000, n=42 pairs) (in $1,000)	-.618*** (.174)	-.636*** (.180)	-.695*** (.244)
	High school completion by 19		
Long-term welfare (>5 yrs, n=54 pairs)	-.286* (.145)	-.282* (.150)	-.349* (.195)
High welfare income (>=$1,000, n=67) (in $1,000)	-.436** (.176)	-.410** (.189)	-.545** (.267)
	Years of completed schooling by 19		
Long-term welfare (>5 yrs, n=128 pairs)	-.192*** (.054)	-.185*** (.055)	-.223*** (.066)
High welfare income (>=$1,000, n=151) (in $1,000)	-.066 (.089)	-.056 (.087)	-.088 (.088)

*= significant at 10% level, ** = significant at 5% level, *** = significant at 1% level, Standard errors (Huber standard errors of fixed effect estimates) in parentheses

Models contain same controls as corresponding models in table 4.

Table 7 Effect of Patterns of Maternal Welfare Use and Involvement with Work on Children's Completed Years of Schooling

by 23, Cross-Section Estimates

	(1)	(2)	(3)
	Model 1	Model 2	Model 3
(Reference category: no welfare)			
0-250 hrs work and ever on welfare	-1.315*** (.199)	-.844*** (.196)	-.639*** (.238)
250-500 hrs work and ever on welfare	-1.297*** (.237)	-.928*** (.226)	-.721*** (.257)
500-750 hrs work and ever on welfare	-.391 (.280)	-.295 (.264)	-.200 (.289)
750-1000 hrs work and ever on welfare	-.269 (.271)	-.022 (.254)	.048 (.281)
1000+ hrs work and ever on welfare	.321 (.430)	.318 (.396)	.376 (.406)

N=1219, * = significant at 10% level, ** = significant at 5% level, *** = significant at 1% level
Standard errors in parentheses

Models contain same controls as corresponding models in table 4.

Table 8 Effect of Maternal Involvement with Work and Short-term Versus Long-Term Welfare Use on Children's Education,

Cross Section Estimates

	(1)	(2)	(3)
	Model 1	Model 2	Model 3
	Years of completed schooling by 23		
(Reference category: no welfare)			
More than 500 hrs work and 5 or less years on welfare	-.133 (.212)	.002 (.199)	.074 (.228)
More than 500 hrs work and 6 or more years on welfare	-.490 (.350)	-.348 (.329)	-.459 (.367)
Less than 500 hrs work and 5 or less years on welfare	-1.229*** (.248)	-.721*** (.232)	-.520** (.250)
Less than 500 hrs work and 6 or more years on welfare	-1.350*** (.195)	-.975*** (.198)	-.854*** (.262)
# of cases	1219		
	High school completion by 19		
(Reference category: no welfare)			
More than 500 hrs work and 5 or less years on welfare	-.422** (.187)	-.098 (.196)	.099 (.229)
More than 500 hrs work and 6 or more years on welfare	-.508 (.324)	-.047 (.343)	.052 (.385)
Less than 500 hrs work and 5 or less years on welfare	-1.354*** (.212)	-.854*** (.223)	-.672*** (.247)
Less than 500 hrs work and 6 or more years on welfare	-1.828*** (.171)	-1.165*** (.204)	-1.055*** (.271)
# of cases	2512		

	Years of completed schooling by 19		
(Reference category: no welfare)			
More than 500 hrs work and 5 or less years on welfare	-.298*** (.091)	-.155* (.089)	.104 (.103)
More than 500 hrs work and 6 or more years on welfare	-.282* (.156)	-.132 (.154)	-.122 (.169)
Less than 500 hrs work and 5 or less years on welfare	-.705*** (.111)	-.455*** (.109)	-.357*** (.117)
Less than 500 hrs work and 6 or more years on welfare	-.968*** (.087)	-.688*** (.095)	-.621*** (.122)
# of cases		2249	

* = significant at 10% level, ** = significant at 5% level, *** = significant at 1% level
Standard errors in parentheses

Models contain same control variables as in table 3.