

Table A1  
Other Variables in the Empirical Analysis

Variable Name	Eligible Sample	Ineligible Sample
Individuals-Level Variables		
Age	32.7	37.3
Less Than High School	0.30	0.07
High School Only	0.38	0.24
Some College	0.32	0.35
College Degree	0.00	0.33
African American	0.28	0.10
Asian	0.03	0.05
Other Race, Non-white	0.03	0.02
Hispanic	0.29	0.12
Rural Residence	0.19	0.20
State-Level Variables		
Unemployment Rate	0.05	0.05
Real Minimum Wage	\$6.27	\$6.28
Average Weekly Real Manufacturing Wage	\$987	\$986
Monthly Maximum Welfare Benefit	\$407	\$411
Percent of Poverty Level: Medicaid Coverage	193%	192%
Maximum Real Annual EITC Benefit (Family of 3)	\$4,792	\$4,809
N	13,047	34,771

Notes: The Eligible and Ineligible samples are defined in the notes to Table 1. All demographic variables are for the mother. All labor market and policy variables are state-specific and lagged one year. Medicaid and EITC values include state supplements in addition to federally mandated levels. Real values are as of \$2007. All means are weighted using the SIPP sample weights pooled across 1996, 2001, 2004, and 2008. All models also include state and year dummy variables.

Table A2  
Marginal Effects on other Covariates in the Unbundled Specification

	Single Parent	Biological Married	Biological Cohabiting	Unrelated Married	Unrelated Cohabiting
Sanction Waiver	0.014 (0.016)	-0.011 (0.016)	0.002 (0.007)	0.000 (0.007)	-0.005 (0.007)
Work Requirement Waiver	0.002 (0.030)	-0.002 (0.026)	0.009 (0.011)	-0.012* (0.007)	0.002 (0.007)
No Expanded Disregard Waiver	-0.023 (0.020)	0.021 (0.021)	0.009 (0.009)	-0.009 (0.006)	0.002 (0.008)
Strict TANF Sanction	-0.007 (0.006)	0.005 (0.009)	0.003 (0.006)	-0.004 (0.004)	0.004 (0.003)
Strict TANF Time Limit	-0.002 (0.019)	-0.001 (0.020)	0.005 (0.006)	0.005 (0.007)	-0.007 (0.006)
Strict TANF Work Exemption	-0.007 (0.008)	-0.003 (0.010)	0.006 (0.004)	0.001 (0.004)	0.002 (0.003)
No Expanded Disregard TANF	-0.001 (0.009)	0.000 (0.013)	0.001 (0.005)	-0.004 (0.006)	0.003 (0.004)
Family Cap	0.006 (0.008)	-0.012 (0.011)	-0.005 (0.007)	0.007 (0.005)	0.004 (0.004)
No Easing Two Parent Rules	0.008 (0.016)	-0.011 (0.022)	-0.002 (0.008)	0.014** (0.007)	-0.009 (0.007)
Stepparent Included	-0.012 (0.011)	0.002 (0.013)	0.007 (0.006)	0.011** (0.005)	-0.008 (0.005)
Lagged Maximum Benefit (\$100)	-0.022* (0.014)	0.025* (0.015)	0.001 (0.004)	-0.001 (0.005)	-0.003 (0.003)
Eligible Sample Dummy	0.154*** (0.014)	-0.158*** (0.016)	0.005 (0.008)	-0.012 (0.010)	0.011*** (0.003)
Age	-0.034*** (0.002)	0.033*** (0.003)	-0.006*** (0.001)	0.005*** (0.001)	0.002** (0.001)
Age Squared (100)	0.046*** (0.003)	-0.042*** (0.004)	0.003*** (0.001)	-0.005*** (0.001)	-0.003** (0.001)
Less Than High School	-0.006 (0.010)	0.008 (0.011)	0.004 (0.003)	-0.008* (0.004)	0.002 (0.002)
Some College	0.036*** (0.007)	-0.024*** (0.007)	-0.007*** (0.003)	-0.000 (0.002)	-0.005*** (0.001)
College Degree	-0.014* (0.007)	0.097*** (0.009)	-0.032*** (0.004)	-0.025*** (0.003)	-0.026*** (0.003)
African American	0.205*** (0.006)	-0.203*** (0.008)	0.005 (0.004)	-0.006* (0.003)	-0.002 (0.002)
Asian	-0.072*** (0.012)	0.128*** (0.023)	-0.009 (0.006)	-0.031*** (0.008)	-0.016*** (0.005)
Other Race, Not White	0.054*** (0.013)	-0.060*** (0.016)	0.015*** (0.005)	-0.011 (0.010)	0.001 (0.003)
Hispanic	-0.021** (0.010)	0.051*** (0.014)	0.004 (0.004)	-0.019*** (0.005)	-0.015*** (0.002)
Rural Residence	-0.011* (0.006)	0.000 (0.007)	0.002 (0.003)	0.008*** (0.003)	0.001 (0.002)
Unemployment Rate	0.001 (0.005)	0.000 (0.005)	-0.002 (0.001)	0.001 (0.002)	-0.000 (0.001)
Real Minimum Wage	-0.001 (0.009)	-0.003 (0.011)	-0.001 (0.004)	0.006 (0.004)	-0.000 (0.003)
Real Manufacturing Wage (\$1000)	0.035 (0.060)	-0.017 (0.071)	-0.000 (0.029)	-0.010 (0.029)	-0.008 (0.024)
Percent of Poverty Level: Medicaid Coverage	0.002 (0.023)	-0.002 (0.026)	0.005 (0.009)	0.002 (0.006)	-0.006 (0.008)
Maximum Real EITC Benefit (\$1000)	0.021** (0.010)	-0.013 (0.011)	0.007 (0.005)	-0.013*** (0.004)	-0.002 (0.002)

Notes: The policy variable marginal effects in this table are for the Ineligible sample. See Table 4 for the marginal effects of the policy variables for the Eligible sample. Standard errors are clustered at the state-level and presented in parentheses under the coefficients. N=47,818. \* p<0.1; \*\* p<0.05; \*\*\* p<0.01

Table A3  
Welfare Policies and Welfare Participation, Probit Marginal Effects

	1996-2008 SIPP Samples			1993-2008 SIPP Samples		
	Spec 1	Spec 2	Spec 3	Spec 1	Spec 2	Spec 3
<b>Work-Related Waiver Policies</b>						
Sanction Waiver	-0.047 (0.035)			-0.054** (0.026)		
Work Requirement Waiver	-0.059 (0.037)			-0.033 (0.030)		
No Expanded Disregard Waiver	-0.084** (0.036)	-0.070 (0.048)		-0.047 (0.030)	-0.035 (0.036)	
Any Work-Related Waiver Policy		-0.039 (0.031)			-0.029 (0.019)	
Number of Work-Related Waiver Policies			-0.048* (0.025)			-0.039** (0.018)
<b>Strict Work-Related TANF Policies</b>						
Strict TANF Sanction	-0.036 (0.024)			-0.046* (0.024)		
Strict TANF Time Limit	-0.052 (0.041)			-0.054 (0.040)		
Strict TANF Work Exemption	0.015 (0.020)			0.013 (0.022)		
No Expanded Disregard TANF	-0.010 (0.020)			-0.032 (0.021)		
Any Work-Related Strict TANF Policy		-0.062*** (0.016)			-0.066*** (0.022)	
Number of Work-Related Strict TANF Policies			-0.022** (0.011)			-0.027** (0.012)
<b>Family-Related TANF Policies</b>						
Family Cap	0.031 (0.025)			0.015 (0.022)		
No Easing Two Parent Rules	0.007 (0.030)			0.004 (0.027)		
Stepparent Included	-0.012 (0.032)			0.006 (0.025)		
Any Family-Related Policy		0.008 (0.026)			0.002 (0.029)	
Number of Family-Related Policies			0.011 (0.019)			0.010 (0.016)

Notes: Probits estimated on Eligible sample only (i.e. without Ineligibles as a control group). In the “any reform” specification, we break out No Expanded Disregard Waiver from the Any Work-Related Waiver policy because this is necessary for identification, i.e. all states implemented a waiver policy as we have defined them. Standard errors are clustered at the state-level and presented in parentheses under the coefficients. N = 13,047 for 1996-2008 sample. N = 15,057 for 1993-2008 sample. \* p<0.1; \*\* p<0.05; \*\*\* p<0.01.

Table A4  
Welfare Rules and the Economic Characteristics of Eligible Mothers

Welfare Policy	Employed	Log Real Earnings	Log Real Income
“Any Reform” Specification			
Any Work-Related Waiver Policy	-0.005 (0.026)	0.028 (0.064)	0.074 (0.103)
No Expanded Disregard Waiver	0.002 (0.024)	0.185*** (0.044)	0.115 (0.084)
Any Strict Work-Related TANF Policy	-0.005 (0.016)	0.086*** (0.022)	0.023 (0.059)
Any Family-Related Policy	0.001 (0.012)	0.016 (0.032)	0.075 (0.073)
“Number of Reforms” Specification			
Number of Work-Related Waiver Policies	0.015 (0.017)	0.123*** (0.033)	0.174*** (0.063)
Number of Strict Work-Related TANF Policies	0.006 (0.007)	0.035*** (0.012)	0.049 (0.031)
Number of Family-Related Policies	-0.009 (0.009)	-0.028 (0.030)	-0.039 (0.055)
N	47,818	30,986	41,262

Notes: The table presents OLS estimates from specifications identical to Equation (1), except the Outcome variable is the mother’s employment (N=47,818), real non-zero log earnings (N=30,986) and real non-zero log income (N=41,262). Both earnings and income are individual values, and the specifications exclude outliers: monthly earnings or income greater than \$15,000. No expanded disregard is estimated separately from the Any Work-Related Waiver policy because this is necessary for identification. The estimates use sample weights and standard errors are clustered at the state. \* p<0.1; \*\* p<0.05; \*\*\* p<0.01.

Table A5

## Welfare Policies and Family Structure, “Any Reform” Specification Year-by-year Estimates

	Single Parent	Biological Married	Biological Cohabiting	Unrelated Married	Unrelated Cohabiting
Specification using 1996 and 2001 Data					
Any Work-Related Waiver Policy	-0.008 (0.021)	-0.009 (0.015)	0.008* (0.005)	0.009 (0.009)	-0.001 (0.004)
No Expanded Disregard Waiver	0.058*** (0.019)	-0.051*** (0.018)	-0.003 (0.007)	0.001 (0.009)	-0.006 (0.005)
Any Strict Work-Related TANF	0.034** (0.016)	-0.034** (0.017)	-0.002 (0.007)	0.001 (0.010)	0.002 (0.004)
Any Family-Related Policy	-0.001 (0.015)	0.005 (0.022)	-0.000 (0.010)	-0.005 (0.012)	0.001 (0.003)
Specification using 1996 and 2004 Data					
Any Work-Related Waiver Policy	-0.001 (0.021)	-0.024 (0.016)	0.012** (0.005)	0.015* (0.008)	-0.002 (0.005)
No Expanded Disregard Waiver	0.079*** (0.017)	-0.082*** (0.015)	0.003 (0.006)	0.006 (0.009)	-0.005 (0.005)
Any Strict Work-Related TANF	0.048*** (0.018)	-0.054*** (0.015)	0.002 (0.005)	0.007 (0.009)	-0.003 (0.005)
Any Family-Related Policy	-0.026 (0.016)	-0.012 (0.016)	0.005 (0.006)	0.029*** (0.009)	0.004 (0.004)
Specification using 1996 and 2008 Data					
Any Work-Related Waiver Policy	0.021 (0.024)	-0.041* (0.022)	0.014** (0.006)	0.009 (0.007)	-0.003 (0.006)
No Expanded Disregard Waiver	0.089*** (0.034)	-0.099*** (0.029)	0.006 (0.007)	0.013 (0.010)	-0.009 (0.007)
Any Strict Work-Related TANF	0.051 (0.035)	-0.083*** (0.030)	0.006 (0.007)	0.027** (0.012)	-0.001 (0.005)
Any Family-Related Policy	0.007 (0.024)	-0.017 (0.025)	-0.006 (0.009)	0.008 (0.011)	0.008** (0.003)

Notes: We break out No Expanded Disregard Waiver from Any Work-Related Waiver Policy because this is necessary for identification, i.e. all states implemented a waiver policy as we have defined them. The marginal effects for the other control variables for the full 1996-2008 sample from the unbundled specifications are shown in Online Appendix Table A2. Standard errors are clustered at the state-level and presented in parentheses under the coefficients. N=22,133 for 1996/2001 sample. N=26,096 for 1996/2004 sample. N=24,593 for 1996/2008 sample. \* p<0.1; \*\* p<0.05; \*\*\* p<0.01.

Table A6  
Robustness Tests for the “Any Reform” Specification

	Single Parent	Biological Married	Biological Cohabiting	Unrelated Married	Unrelated Cohabiting
<b>II: Standard Difference-in-Differences (as opposed to DDD)</b>					
Any Work-Related Waiver Policy	0.023 (0.043)	-0.030 (0.040)	0.012 (0.012)	0.007 (0.009)	-0.012 (0.014)
No Expanded Disregard Waiver	0.042 (0.050)	-0.057 (0.040)	0.031 (0.019)	-0.014 (0.014)	-0.002 (0.022)
Any Strict Work-Related TANF Policy	-0.023 (0.018)	-0.018 (0.017)	0.035*** (0.011)	0.006 (0.009)	0.000 (0.005)
Any Family-Related Policy	-0.002 (0.019)	0.016 (0.024)	-0.027* (0.015)	0.002 (0.006)	0.012* (0.007)
<b>III: Expand “Eligible” Group by removing car ownership restriction</b>					
Any Work-Related Waiver Policy	0.011 (0.016)	-0.039*** (0.014)	0.021** (0.008)	0.009 (0.006)	-0.001 (0.004)
No Expanded Disregard Waiver	0.067*** (0.014)	-0.089*** (0.014)	0.022*** (0.008)	0.010** (0.005)	-0.010** (0.005)
Any Strict Work-Related TANF Policy	0.037*** (0.012)	-0.056*** (0.013)	0.011** (0.004)	0.014*** (0.003)	-0.005 (0.003)
Any Family-Related Policy	-0.015 (0.011)	0.006 (0.014)	0.003 (0.005)	0.004 (0.004)	0.002 (0.002)
<b>IV: Drop College Graduates from “Ineligible” Sample</b>					
Any Work-Related Waiver Policy	0.001 (0.021)	-0.021 (0.015)	0.012* (0.007)	0.012 (0.009)	-0.003 (0.006)
No Expanded Disregard Waiver	0.077*** (0.018)	-0.074*** (0.017)	0.005 (0.009)	0.002 (0.010)	-0.009* (0.005)
Any Strict Work-Related TANF Policy	0.039*** (0.013)	-0.045*** (0.011)	0.001 (0.005)	0.005 (0.008)	-0.001 (0.003)
Any Family-Related Policy	0.007 (0.013)	-0.016 (0.016)	-0.001 (0.008)	0.005 (0.010)	0.005* (0.003)
<b>V: Include State-Specific Time Trends</b>					
Any Work-Related Waiver Policy	0.005 (0.019)	-0.024* (0.014)	0.012** (0.006)	0.009 (0.007)	-0.003 (0.005)
No Expanded Disregard Waiver	0.074*** (0.016)	-0.075*** (0.016)	0.004 (0.007)	0.005 (0.008)	-0.008** (0.004)
Any Strict Work-Related TANF Policy	0.043*** (0.011)	-0.054*** (0.011)	0.003 (0.004)	0.010 (0.007)	-0.002 (0.002)
Any Family-Related Policy	0.004 (0.012)	-0.011 (0.015)	-0.002 (0.006)	0.003 (0.008)	0.006*** (0.002)
<b>VI: Include Blended Households in Unrelated Households</b>					
Any Work-Related Waiver Policy	0.006 (0.020)	-0.022 (0.018)	0.009* (0.005)	0.006 (0.009)	0.001 (0.005)
No Expanded Disregard Waiver	0.072*** (0.016)	-0.084*** (0.019)	0.010 (0.006)	0.017 (0.012)	-0.014*** (0.005)
Any Strict Work-Related TANF Policy	0.043*** (0.011)	-0.053*** (0.012)	0.005 (0.004)	0.009 (0.007)	-0.004* (0.002)
Any Family-Related Policy	0.004 (0.012)	-0.006 (0.016)	-0.002 (0.005)	-0.002 (0.007)	0.005* (0.003)
<b>VII: Limit Sample to White/Non-Hispanic Mothers</b>					
Any Work-Related Waiver Policy	0.021 (0.021)	-0.026 (0.021)	0.015** (0.008)	-0.004 (0.010)	-0.005 (0.008)
No Expanded Disregard Waiver	0.016 (0.024)	-0.024 (0.023)	0.011 (0.009)	0.002 (0.009)	-0.006 (0.005)
Any Strict Work-Related TANF Policy	0.013 (0.022)	-0.021 (0.022)	0.009 (0.007)	0.000 (0.009)	-0.002 (0.003)
Any Family-Related Policy	0.013 (0.011)	-0.037* (0.021)	-0.003 (0.005)	0.020* (0.012)	0.006** (0.003)

Notes: We break out No Expanded Disregard Waiver from Any Work-Related Waiver Policy because this is necessary for identification, i.e. all states implemented a waiver policy as we have defined them. Standard errors are clustered at the state-level and presented in parentheses under the coefficients. N = 47,818 for all specifications, with the following exceptions: the traditional difference-in-differences, which only uses the Eligible sample (N=13,047), the estimates that drop college-educated mothers from the Ineligible sample (N=36,390), and estimates on the white/non-Hispanic sample (N=30,767). \* p<0.1; \*\* p<0.05; \*\*\* p<0.01.