

On-Line Appendix

Tables with Complete Set of Estimates

Used in

**The Impact of Regulations on the
Supply and Quality of Care in Child Care Markets**

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Definitions of Variable Names used in Tables

Variable Name	Definition
<i>Regulation Variables & their Interactions</i>	
scrat0dc	Min. Staff-Child Ratio, Infants
no_scrat0dc	No Min. Staff-Child Ratio Imposed
scrat0dc_incm	Min. Staff-Child Ratio, Infants \times Median Income
no_scrat0dc_incm	No Standard Imposed \times Median Income
edddc	Min. Educ. Requirement, Directors
no_edddc	No Min. Educ. Requirement Imposed
edddc_incm	Min. Educ. Require., Directors \times Median Income
no_edddc_incm	No Standard Imposed \times Median Income
scrat	Ave. of Min. Staff-Child Ratio Standards
no_scrat	No Standards Imposed
scrat_incm	Ave. of Min. Staff-Child Ratio \times Median Income
no_scrat_incm	No Standards Imposed \times Median Income
educ	Ave. of Min. Educ. Requirements
no_educ	No Standards Imposed
educ_incm	Ave. of Min. Educ. Requirement \times Median Income
no_educ_incm	No Standards Imposed \times Median Income
<i>Other Control Variables:</i>	
pct_black	% of Population that is Black
pct_hisp	% of Population that is Hispanic
hh_size	Average Household Size
ln_m_inc	Log of Median Household Income
college	% of Population over Age 25 with some College Education
ln_under5	Log of Population under Age 5
pct_fh_c	% Female-headed households with children
pct_f_nwork	% Female over age 16 not working
pct_unemploy	% in labor force that are unemployed
pct_whome	% Working population over age 16 working at home
long_comm	% Working population over age 16 spending more than 40
pct_rural	% Population living in rural areas
year1992	Year = 1992
year1997	Year = 1997
inspdc	The number of annual inspections conducted by the licensing agency. Does not include inspections by other

Variable Name	Definition
visitdc	<p>departments such as fire marshals and sanitation specialists.</p> <p>0 if no inspections are conducted or no number is indicated in the regulations.</p> <p>Do regulations specify that parents be allowed free access to their children and the facility during operating hours? Does not apply if parents must make an appointment in advance or can visit only during certain hours.</p> <p>1 if parents have free access to children and facility.</p> <p>0 if otherwise or no regulation.</p>
aiddc	<p>Is first-aid certification required for one or more staff members at a day care center? May include first-aid certification or infant/child CPR training. Must be certification, not simply informal training in first-aid techniques.</p>
crimdc	<p>Is a criminal background check required for any employees at a day care center? Refers to official criminal background checks, fingerprinting, and FBI records check. Does not refer to child abuse records check or self-disclosure of criminal record. Criminal check must be required of all applicants, not just certain individuals such as new residents of the state.</p>
cdhrsddc	<p>Minimum hours of child development coursework required for director of day care center in clock hours. <i>Does not</i> include informal training offered by the licensing agencies. (1 semester hour = 15 hours, 1 quarter hour = 10 hours)</p> <p>0 if no child development coursework required.</p>
expddc	<p>Childcare employment experience required for director of day care center in years.</p> <p>0 if no employment experience required.</p>
ongoddc	<p>Is annual ongoing training required for director of day care center?</p> <p>1 if ongoing training required.</p> <p>0 if otherwise.</p>
ongohddc	<p>Amount of annual on going training required for director of day care center in hours.</p> <p>1 if ongoing training is required but number of hours is not specified.</p> <p>0 if no ongoing training is required.</p>

Table C-7: Estimated Effects of State Regulations on the Number of Child Care Center Establishments per Market

Variable	Panel A: The Effects of Single Measures of Child Care Center Regulations					Panel B: The Effects of Averaged Measures of Child Care Center Regulations				
	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)
scrat0dc	-3.519	-3.297	-1.898	-5.617	-11.693					
	(1.095)***	(1.035)***	(1.582)	(2.144)***	(2.668)***					
<i>no_scrat0dc</i>	-1.024	-0.690	-0.629	-1.202	-2.306					
	(0.416)**	(0.413)*	(0.362)*	(0.480)**	(0.570)***					
scrat0dc_incm					0.276					
					(0.057)***					
<i>no_scrat0dc_incm</i>					0.047					
					(0.022)**					
edddc	-0.055	-0.051	-0.210	-0.129	0.062					
	(0.041)	(0.028)*	(0.061)***	(0.049)***	(0.085)					
<i>no_edddc</i>	-0.113	0.044	-3.069	-1.501	1.859					
	(0.589)	(0.425)	(0.816)***	(0.654)**	(1.310)					
edddc_incm					-0.002					
					(0.002)					
<i>no_edddc_incm</i>					-0.052					
					(0.026)**					
scrat						-8.017	-7.059	-5.226	-6.771	-19.992
						(1.829)***	(1.615)***	(5.397)	(7.046)	(5.570)***
<i>no_scrat</i>						-0.764	-0.433	-0.301	-0.424	-2.217
						(0.360)**	(0.362)	(0.508)	(0.673)	(0.622)***
scrat_incm										0.501
										(0.082)***
<i>no_scrat_incm</i>										0.053
										(0.025)**
educ						-0.051	-0.044	-0.010	-0.019	-0.015
						(0.022)**	(0.019)**	(0.026)	(0.027)	(0.038)
<i>no_educ</i>						-0.348	-0.099	-0.515	-0.119	0.835
						(0.291)	(0.272)	(0.257)**	(0.234)	(0.547)
educ_incm										-0.0004
										(0.001)
<i>no_educ_incm</i>										-0.030
										(0.017)*
pct_black	2.261	2.348	1.913	1.984	1.770	2.117	2.213	1.921	1.991	1.689
	(0.253)***	(0.237)***	(0.223)***	(0.231)***	(0.226)***	(0.265)***	(0.250)***	(0.224)***	(0.232)***	(0.227)***
pct_hisp	-2.169	-2.485	-2.731	-3.205	-3.239	-2.211	-2.489	-2.740	-3.204	-3.290
	(0.479)***	(0.443)***	(0.524)***	(0.543)***	(0.489)***	(0.457)***	(0.422)***	(0.523)***	(0.544)***	(0.496)***
hh_size	-1.145	-0.961	-1.068	-0.868	-0.852	-1.159	-0.987	-1.063	-0.870	-0.864

Variable	Panel A: The Effects of Single Measures of Child Care Center Regulations					Panel B: The Effects of Averaged Measures of Child Care Center Regulations				
	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)
ln_m_inc	(0.114)*** 0.011	(0.112)*** 0.002	(0.114)*** 0.014	(0.108)*** 0.003	(0.104)*** -0.034	(0.114)*** 0.012	(0.113)*** 0.003	(0.113)*** 0.014	(0.108)*** 0.003	(0.108)*** -0.064
college	(0.004)*** 3.666	(0.004) 3.693	(0.004)*** 2.988	(0.004) 3.134	(0.025) 3.610	(0.004)*** 3.526	(0.004) 3.623	(0.004)*** 2.993	(0.004) 3.121	(0.019)*** 3.756
ln_under5	(0.493)*** 1.736	(0.494)*** 1.759	(0.506)*** 1.765	(0.515)*** 1.787	(0.474)*** 1.799	(0.518)*** 1.740	(0.514)*** 1.762	(0.507)*** 1.765	(0.517)*** 1.786	(0.488)*** 1.805
pct_fh_c	(0.099)*** -2.692	(0.098)*** -5.459	(0.099)*** -2.849	(0.099)*** -5.423	(0.100)*** -5.174	(0.099)*** -2.609	(0.097)*** -5.131	(0.099)*** -2.905	(0.099)*** -5.428	(0.100)*** -4.686
pct_f_nwork	(1.303)** -2.443	(1.211)*** -2.607	(1.105)** -2.951	(1.121)*** -2.997	(1.071)*** -3.087	(1.296)** -2.667	(1.225)*** -2.775	(1.107)*** -2.953	(1.121)*** -3.007	(1.074)*** -3.075
pct_unemploy	(0.432)*** -0.367	(0.427)*** -0.301	(0.459)*** 0.356	(0.467)*** 0.205	(0.455)*** 0.031	(0.410)*** 0.256	(0.406)*** 0.242	(0.460)*** 0.338	(0.469)*** 0.200	(0.451)*** 0.204
ptc_whome	(0.738) -0.189	(0.683) -0.185	(0.618) 1.139	(0.607) 1.291	(0.592) 1.496	(0.741) 0.116	(0.683) 0.052	(0.622) 1.126	(0.607) 1.255	(0.557) 1.670
long_comm	(0.548) -2.155	(0.553) -2.133	(0.567)** -2.353	(0.581)** -2.356	(0.566)*** -2.274	(0.611) -2.121	(0.584) -2.108	(0.571)* -2.361	(0.587)** -2.364	(0.569)*** -2.258
pct_rural	(0.220)*** -0.557	(0.215)*** -0.686	(0.178)*** -0.729	(0.175)*** -0.853	(0.184)*** -0.861	(0.226)*** -0.582	(0.223)*** -0.690	(0.177)*** -0.729	(0.176)*** -0.850	(0.185)*** -0.839
year1992	(0.122)***	(0.123)*** 0.549	(0.111)***	(0.112)*** 0.489	(0.114)*** 0.502	(0.122)***	(0.120)*** 0.530	(0.111)***	(0.112)*** 0.492	(0.117)*** 0.494
year1997		(0.113)*** 0.762		(0.059)*** 0.768	(0.055)*** 0.805		(0.112)*** 0.715		(0.062)*** 0.748	(0.056)*** 0.785
Constant		(0.118)*** 6.547		(0.064)*** 7.841	(0.059)*** 6.510		(0.117)*** 6.149		(0.064)*** 5.955	(0.059)*** 7.495
R-squared	(0.733)*** 0.44	(0.668)*** 0.44	(1.039)*** 0.45	(0.921)*** 0.46	(1.168)*** 0.46	(0.528)*** 0.44	(0.534)*** 0.44	(0.791)*** 0.45	(0.990)*** 0.46	(0.870)*** 0.46
State Fixed Effects	No	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Observations	39674	39674	39674	39674	39674	39674	39674	39674	39674	39674
Unit of Observations	Zip code					Zip code				

Notes: For Tables C-7 to C-12, state-year clustered robust standard errors are reported in parentheses for all tables.

* significant at 10%; ** significant at 5%; *** significant at 1%.

Table C-8: Differences in Estimated Marginal and Average Effects of State Regulations by Median Income of Local Market

	(1)		(2)		(3)		(4)		(5)	
	Number of Establishments per Market		Market Entry Rate		Market Exit Rate		Ann. Revenue per Non-Employer Establishments		Market Accreditation Rate	
	<i>Marg. Effect</i>	<i>Ave. Eff.</i>	<i>Marg. Effect</i>	<i>Ave. Eff.</i>	<i>Marg. Effect</i>	<i>Ave. Eff.</i>	<i>Marg. Effect</i>	<i>Ave. Eff.</i>	<i>Marg. Effect</i>	<i>Ave. Eff.</i>
Panel A: The Effects of Single Measures of Child Care Center Regulations										
Min. Staff-Child Ratio, Infants										
2 Std. Dev. above Median	<i>3.829</i>	<i>0.528</i>	<i>-2.801</i>	n.a.	<i>1.687</i>	<i>0.170</i>	<i>29.356</i>	<i>5.672</i>	0.610	0.018
2 Std. Dev. below Median	<i>-10.135</i>	<i>-0.250</i>	<i>-1.587</i>	n.a.	<i>1.737</i>	<i>-0.122</i>	<i>2.374</i>	<i>-4.274</i>	0.712	-0.009
Min. Educ. Require., Directors										
2 Std. Dev. above Median	<i>-0.050</i>	<i>0.375</i>	<i>-0.002</i>	<i>-0.584</i>	0.013	0.011	<i>-0.203</i>	<i>-0.059</i>	<i>-0.018</i>	0.041
2 Std. Dev. below Median	<i>0.051</i>	<i>-0.872</i>	0.010	<i>-0.571</i>	0.014	0.013	<i>-0.456</i>	0.125	<i>-0.013</i>	<i>-0.0001</i>
Panel B: The Effects of Averaged Measures of Child Care Center Regulations										
Ave. Min. Staff-Child Ratio										
2 Std. Dev. above Median	<i>8.185</i>	<i>0.325</i>	<i>-9.487</i>	n.a.	<i>1.585</i>	<i>0.152</i>	<i>47.266</i>	<i>9.653</i>	1.698	0.058
2 Std. Dev. below Median	<i>-17.163</i>	<i>-0.365</i>	<i>-7.919</i>	n.a.	<i>1.535</i>	<i>-0.108</i>	<i>-5.180</i>	<i>-6.789</i>	1.800	-0.021
Ave. Min. Educ. Requirement										
2 Std. Dev. above Median	<i>-0.038</i>	<i>0.407</i>	<i>0.005</i>	<i>-0.620</i>	<i>-0.006</i>	<i>-0.006</i>	0.052	0.286	<i>-0.0003</i>	<i>0.001</i>
2 Std. Dev. below Median	<i>-0.017</i>	<i>-0.867</i>	<i>0.022</i>	<i>-0.627</i>	<i>-0.006</i>	<i>-0.007</i>	<i>-0.050</i>	<i>-0.078</i>	<i>-0.005</i>	<i>-0.009</i>
Based on Estimates in:	Table C-7, Col. (5)		Table C-9b, Col. (2)		Table C-9c, Col. (4)		Table C-11, Col. (4)		Table C-12, Col. (2)	

Note: Estimates in *italics* are statistically significant, based on significance of coefficients on regulation × median household income interactions.

Table C-9a: Estimated Effects of State Regulations on the Number of Child Care Center Establishments per Market: Robustness Checks

Alternative Variable Specifications

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations			Panel B: Effects of Averaged Measures of Child Care Center Regulations		
	(1)	(2)	(3)	(1)	(2)	(3)
scrat0dc	-6.216 (2.009)***		-5.998 (1.885)***			
no_scrat0dc	-0.921 (0.519)*		-1.102 (0.473)**			
scrat0dc_incm						
no_scrat0dc_incm						
edddc		-0.128 (0.039)***	-0.193 (0.075)**			
no_edddc		-1.485 (0.548)***	-2.123 (0.968)**			
edddc_incm						
no_edddc_incm						
scrat				-8.750 (5.194)*		-12.120 (6.400)*
no_scrat				-0.561 (0.562)		-0.626 (0.604)
scrat_incm						
no_scrat_incm						
educ					-0.033 (0.020)	-0.044 (0.034)
no_educ					-0.123 (0.264)	-0.249 (0.332)
educ_incm						
no_educ_incm						
inspdc			0.317 (0.058)***			0.365 (0.068)***
visitdc			-0.201 (0.100)**			-0.169 (0.108)
aiddc			0.328 (0.138)**			0.334 (0.144)**
crimdc			-0.063 (0.092)			0.038 (0.095)
cdhrsddc			0.018 (0.024)			0.050 (0.021)**
expddc			0.078 (0.050)			0.106 (0.053)**
ongoddc			-0.121 (0.199)			-0.538 (0.210)**
ongohddc			0.016 (0.010)*			0.037 (0.011)***
pct_black	1.986 (0.231)***	1.991 (0.233)***	1.995 (0.231)***	1.992 (0.231)***	1.992 (0.232)***	2.002 (0.231)***

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations			Panel B: Effects of Averaged Measures of Child Care Center Regulations		
	(1)	(2)	(3)	(1)	(2)	(3)
pct_hisp	-3.204 (0.544)***	-3.205 (0.544)***	-3.208 (0.550)***	-3.203 (0.544)***	-3.204 (0.544)***	-3.205 (0.551)***
hh_size	-0.867 (0.108)***	-0.871 (0.109)***	-0.870 (0.110)***	-0.869 (0.108)***	-0.870 (0.108)***	-0.870 (0.110)***
ln_m_inc	0.003 (0.004)	0.003 (0.004)	0.002 (0.004)	0.003 (0.004)	0.003 (0.004)	0.002 (0.004)
college	3.135 (0.515)***	3.113 (0.519)***	3.165 (0.512)***	3.119 (0.517)***	3.115 (0.519)***	3.157 (0.513)***
ln_under5	1.787 (0.099)***	1.787 (0.099)***	1.788 (0.099)***	1.787 (0.099)***	1.787 (0.099)***	1.788 (0.099)***
pct_fh_c	-5.426 (1.122)***	-5.431 (1.120)***	-5.406 (1.133)***	-5.435 (1.121)***	-5.432 (1.121)***	-5.422 (1.133)***
pct_f_nwork	-3.002 (0.467)***	-3.017 (0.472)***	-2.996 (0.473)***	-3.010 (0.468)***	-3.010 (0.472)***	-3.005 (0.474)***
pct_unemploy	0.227 (0.607)	0.186 (0.606)	0.082 (0.600)	0.202 (0.607)	0.206 (0.607)	0.066 (0.601)
pct_whome	1.284 (0.582)**	1.233 (0.593)**	1.198 (0.589)**	1.256 (0.587)**	1.233 (0.593)**	1.165 (0.594)*
long_comm	-2.361 (0.175)***	-2.365 (0.176)***	-2.347 (0.175)***	-2.366 (0.175)***	-2.367 (0.176)***	-2.354 (0.176)***
pct_rural	-0.851 (0.112)***	-0.850 (0.113)***	-0.847 (0.112)***	-0.850 (0.112)***	-0.850 (0.113)***	-0.844 (0.112)***
year1992	0.483 (0.055)***	0.489 (0.062)***	0.465 (0.066)***	0.485 (0.056)***	0.495 (0.063)***	0.466 (0.068)***
year1997	0.758 (0.061)***	0.739 (0.066)***	0.714 (0.078)***	0.741 (0.060)***	0.744 (0.067)***	0.692 (0.079)***
Constant	6.238 (0.729)***	6.582 (0.747)***	8.348 (1.183)***	6.001 (0.923)***	5.210 (0.562)***	6.370 (1.018)***
R-squared	0.46	0.46	0.46	0.46	0.46	0.46
State Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Includes Add. Regulations	No	No	Yes	No	No	Yes
Observations	39674	39674	39674	39674	39674	39674

Alternative Market Definitions

Zip Code Bundle as Market Definition

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(4)	(5)	(4)	(5)
scrat0dc	-37.945 (6.766)***	-44.980 (10.308)***		
no_scrat0dc	-6.221 (2.282)***	-9.435 (3.061)***		
scrat0dc_incm		0.388 (0.216)*		
no_scrat0dc_incm		0.148 (0.098)		
edddc	-0.464 (0.329)	-0.566 (0.356)		
no_edddc	-6.403 (4.225)	-6.972 (5.056)		
edddc_incm		0.006 (0.005)		
no_edddc_incm		0.057 (0.076)		
scrat			-39.198 (32.459)	-41.049 (26.695)
no_scrat			-1.803 (3.172)	-7.728 (3.100)**
scrat_incm				0.332 (0.320)
no_scrat_incm				0.247 (0.093)***
educ			-0.338 (0.178)*	-0.438 (0.201)**
no_educ			-3.636 (2.020)*	-1.706 (2.529)
educ_incm				0.002 (0.003)
no_educ_incm				-0.071 (0.057)
pct_black	28.092 (3.830)***	27.920 (3.861)***	28.104 (3.819)***	27.943 (3.817)***
pct_hisp	27.212 (3.569)***	27.094 (3.590)***	27.106 (3.547)***	27.015 (3.537)***
hh_size	-4.541 (0.927)***	-4.606 (0.928)***	-4.506 (0.925)***	-4.586 (0.927)***
ln_m_incm	0.028 (0.010)***	-0.147 (0.088)*	0.028 (0.010)***	-0.036 (0.066)
college	53.827 (3.330)***	54.428 (3.395)***	53.849 (3.340)***	54.275 (3.398)***
ln_under5	-0.035 (0.178)	-0.020 (0.176)	-0.033 (0.178)	-0.016 (0.177)
pct_fh_c	48.971 (17.285)***	50.323 (17.247)***	49.278 (17.291)***	50.098 (17.261)***
pct_f_nwork	16.781 (3.703)***	16.500 (3.690)***	16.471 (3.731)***	16.526 (3.676)***

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(4)	(5)	(4)	(5)
pct_unemploy	18.917 (11.296)*	18.620 (11.176)*	18.985 (11.307)*	18.656 (11.116)*
pct_whome	37.058 (7.634)***	37.288 (7.612)***	36.824 (7.591)***	36.906 (7.688)***
long_comm	28.718 (2.058)***	28.750 (2.064)***	28.678 (2.049)***	28.687 (2.049)***
pct_rural	-24.538 (1.016)***	-24.452 (1.012)***	-24.478 (1.025)***	-24.418 (1.024)***
year1992	0.399 (0.282)	0.417 (0.267)	0.442 (0.286)	0.450 (0.275)
year1997	-6.010 (0.594)***	-5.997 (0.592)***	-6.072 (0.594)***	-6.052 (0.598)***
Constant	15.330 (5.118)***	18.363 (6.017)***	9.480 (4.293)**	10.819 (4.088)***
R-squared	0.68	0.68	0.68	0.68
State Fixed Effects	Yes	Yes	Yes	Yes
Includes Add. Regulations	No	No	No	No
Observations	38286	38286	38286	38286

County as Market Definition

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(4)	(5)	(4)	(5)
scrat0dc	-41.984 (17.617)**	-153.375 (51.822)***		
no_scrat0dc	-7.887 (3.436)**	-14.943 (8.069)*		
edddc	-1.447 (0.714)**	1.120 (2.451)		
no_edddc	-18.521 (10.414)*	9.761 (36.039)		
scrat0dc_incm		3.717 (1.207)***		
no_scrat0dc_incm		0.114 (0.433)		
edddc_incm		-0.063 (0.076)		
no_edddc_incm		-0.614 (1.127)		
scrat			-16.978 (37.027)	-146.223 (53.542)***
no_scrat			0.660 (4.374)	-14.390 (6.459)**
educ			-0.337 (0.212)	-0.056 (0.594)
no_educ			-2.488 (2.708)	6.503 (8.615)
scrat_incm				5.198 (1.835)***
no_scrat_incm				0.558 (0.327)*
educ_incm				-0.008 (0.023)
no_educ_incm				-0.350 (0.330)
pct_black	19.752 (4.959)***	17.500 (4.703)***	19.821 (4.962)***	16.814 (4.562)***
pct_hisp	-0.575 (4.642)	-2.595 (4.741)	-0.544 (4.645)	-1.480 (4.492)
Average household size	-17.075 (2.643)***	-17.195 (2.663)***	-17.056 (2.645)***	-17.347 (2.629)***
ln_m_inc	0.533 (0.168)***	0.524 (1.147)	0.537 (0.169)***	-0.048 (0.421)
college	34.323 (10.175)***	36.453 (10.095)***	34.485 (10.187)***	37.921 (9.914)***
ln_under5	1.839 (0.138)***	1.839 (0.139)***	1.839 (0.138)***	1.839 (0.138)***
pct_fh_c	-22.733 (23.344)	-18.962 (22.422)	-22.963 (23.370)	-16.019 (22.662)
pct_f_nwork	-17.445 (6.990)**	-18.364 (7.039)***	-17.499 (6.998)**	-17.694 (7.051)**
pct_unemploy	54.795 (16.950)***	52.313 (17.306)***	55.342 (16.967)***	55.212 (16.775)***

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(4)	(5)	(4)	(5)
pct_whome	58.535 (14.567)***	64.338 (15.629)***	57.655 (14.468)***	67.438 (15.479)***
long_comm	13.211 (7.672)*	13.399 (7.575)*	12.994 (7.660)*	13.761 (7.690)*
pct_rural	-15.971 (3.388)***	-16.201 (3.430)***	-15.843 (3.378)***	-16.235 (3.446)***
year1992	4.311 (0.615)***	4.230 (0.607)***	4.338 (0.612)***	4.278 (0.593)***
year1997	-3.944 (1.647)**	-3.814 (1.734)**	-4.095 (1.644)**	-4.151 (1.655)**
Constant	61.943 (13.487)***	52.658 (36.411)	38.923 (10.068)***	52.059 (13.259)***
R-squared	0.87	0.87	0.87	0.87
State Fixed Effects	Yes	Yes	Yes	Yes
Includes Add. Regulations	No	No	No	No
Observations	8225	8225	8225	8225

Table C-9b: Estimated Effects of State Regulations on Entry Rates of Child Care Centers in Local Markets

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(1)	(2)	(1)	(2)
scrat0dc	-2.107 (0.192)***	-1.451 (0.321)***		
no_scrat0dc				
scrat0dc_incm		-0.024 (0.007)***		
no_scrat0dc_incm				
edddc	0.013 (0.004)***	0.011 (0.007)*		
no_edddc	0.807 (0.049)***	0.720 (0.078)***		
edddc_incm		-0.0002 (0.0002)		
no_edddc_incm		-0.003 (0.003)		
scrat			-8.185 (0.618)***	-7.744 (1.200)***
no_scrat				
scrat_incm				-0.031 (0.012)**
no_scrat_incm				
educ			0.016 (0.001)***	0.024 (0.005)***
no_educ			0.821 (0.015)***	0.906 (0.059)***
educ_incm				-0.0003 (0.0002)**
no_educ_incm				-0.004 (0.003)
pct_black	-0.108 (0.058)*	-0.088 (0.058)	-0.108 (0.058)*	-0.088 (0.060)
pct_hisp	-0.189 (0.098)*	-0.180 (0.100)*	-0.189 (0.098)*	-0.183 (0.100)*
hh_size	0.051 (0.026)*	0.050 (0.026)*	0.051 (0.026)*	0.050 (0.026)*
ln_m_inc	0.000 (0.001)	0.009 (0.004)**	0.000 (0.001)	0.009 (0.003)***
college	0.088 (0.114)	0.043 (0.112)	0.089 (0.113)	0.036 (0.112)
ln_under5	0.032 (0.007)***	0.030 (0.007)***	0.032 (0.007)***	0.030 (0.007)***
pct_fh_c	0.193 (0.277)	0.140 (0.287)	0.194 (0.277)	0.126 (0.294)
pct_f_nwork	-0.133 (0.106)	-0.123 (0.106)	-0.133 (0.106)	-0.119 (0.106)

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(1)	(2)	(1)	(2)
pct_unemploy	-0.336 (0.182)*	-0.313 (0.181)*	-0.335 (0.182)*	-0.300 (0.176)*
pct_whome	-1.708 (0.236)***	-1.722 (0.235)***	-1.707 (0.236)***	-1.696 (0.240)***
long_comm	0.008 (0.057)	-0.001 (0.057)	0.008 (0.057)	-0.003 (0.057)
pct_rural	-0.103 (0.026)***	-0.104 (0.027)***	-0.104 (0.026)***	-0.104 (0.026)***
year1992	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
year1997	-0.011 (0.017)	-0.015 (0.017)	-0.011 (0.017)	-0.016 (0.017)
Constant	0.905 (0.117)***	0.791 (0.136)***	1.520 (0.113)***	1.359 (0.165)***
R-squared	0.03	0.03	0.03	0.03
State Fixed Effects	Yes	Yes	Yes	Yes
Units of Observation	Zip Code	Zip Code	Zip Code	Zip Code
Observations	22890	22890	22890	22890

Table C-9c: Estimated Effects of State Regulations on Exit Rates of Child Care Centers in Local Markets

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(3)	(4)	(3)	(4)
scrat0dc	2.239 (0.555)***	1.743 (0.526)***		
no_scrat0dc	0.499 (0.126)***	0.549 (0.118)***		
scrat0dc_incm00		-0.001 (0.004)		
no_scrat0dc_incm00		-0.006 (0.002)***		
edddc	0.013 (0.011)	0.014 (0.013)		
no_edddc	0.179 (0.150)	0.178 (0.184)		
edddc_incm00		-0.00002 (0.0001)		
no_edddc_incm00		-0.0003 (0.002)		
scrat			1.688 (0.697)**	1.529 (0.724)**
no_scrat			0.232 (0.085)***	0.340 (0.106)***
scrat_incm00				0.001 (0.008)
no_scrat_incm00				-0.005 (0.002)***
educ			-0.006 (0.004)	-0.006 (0.005)
no_educ			-0.065 (0.036)*	-0.063 (0.057)
educ_incm00				-4.35E-06 (0.00007)
no_educ_incm00				-0.00005 (0.001)
pct_black00	-0.062 (0.030)**	-0.063 (0.029)**	-0.062 (0.030)**	-0.065 (0.029)**
pct_hisp00	-0.102 (0.040)**	-0.100 (0.040)**	-0.102 (0.040)**	-0.101 (0.039)**
hh_size00	0.002 (0.008)	0.002 (0.008)	0.002 (0.008)	0.002 (0.008)
ln_m_inc00	-0.001 (0.000)***	0.000 (0.002)	-0.001 (0.000)***	-0.001 (0.002)
college00	-0.112 (0.041)***	-0.112 (0.042)***	-0.107 (0.040)***	-0.103 (0.043)**
ln_under500	0.002 (0.002)	0.002 (0.002)	0.002 (0.002)	0.002 (0.002)
pct_fh_c00	0.107 (0.146)	0.100 (0.145)	0.106 (0.146)	0.106 (0.146)
pct_f_nwork00	0.001 (0.040)	-0.002 (0.040)	0.003 (0.040)	0.000 (0.039)
pct_unemploy00	-0.100 (0.102)	-0.106 (0.102)	-0.093 (0.102)	-0.099 (0.102)

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(3)	(4)	(3)	(4)
pct_whome00	-0.352 (0.097)***	-0.352 (0.097)***	-0.350 (0.096)***	-0.347 (0.097)***
long_comm00	-0.014 (0.022)	-0.013 (0.023)	-0.013 (0.022)	-0.012 (0.023)
pct_rural00	0.022 (0.011)*	0.021 (0.011)*	0.022 (0.011)**	0.022 (0.011)*
year1992	0.015 (0.006)**	0.014 (0.006)**	0.015 (0.006)**	0.015 (0.006)**
Constant	-0.230 (0.207)	-0.121 (0.224)	0.304 (0.092)***	0.323 (0.106)***
R-squared	0.04	0.04	0.04	0.04
State Fixed Effects	Yes	Yes	Yes	Yes
Units of Observation	Zip Code	Zip Code	Zip Code	Zip Code
Observations	24541	24541	24541	24541

Table C-10: Estimated Effects of State Regulations on Number of Employees per Child Care Center

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations				Panel B: Effects of Averaged Measures of Child Care Center Regulations			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
scrat0dc	-2.725 (2.596)	10.992 (3.632)***	1.842 (2.687)	5.552 (5.320)				
no_scrat0dc	1.074 (0.669)	4.106 (1.595)**	0.069 (0.774)	-0.680 (1.655)				
scrat0dc_incm		-0.395 (0.077)***		-0.054 (0.176)				
no_scrat0dc_incm		-0.103 (0.052)**		0.038 (0.061)				
edddc	0.219 (0.098)**	0.280 (0.155)*	0.172 (0.133)	-0.064 (0.262)				
no_edddc	2.308 (1.365)*	4.032 (2.248)*	2.737 (1.826)	0.117 (3.808)				
edddc_incm		-0.003 (0.003)		0.006 (0.005)				
no_edddc_incm		-0.073 (0.040)*		0.064 (0.064)				
scrat					-5.791 (8.365)	19.386 (8.357)**	-9.161 (10.077)	-5.068 (11.934)
no_scrat					0.290 (0.972)	3.891 (2.014)*	-1.506 (1.096)	-0.882 (1.577)
scrat_incm						-0.736 (0.127)***		-0.136 (0.231)
no_scrat_incm						-0.126 (0.061)**		-0.020 (0.043)
educ					0.022 (0.055)	0.037 (0.065)	-0.026 (0.066)	-0.075 (0.081)
no_educ					-0.156 (0.592)	1.073 (0.814)	0.004 (0.735)	-0.615 (0.996)
educ_incm						-0.001 (0.002)		0.001 (0.002)
no_educ_incm						-0.046 (0.026)*		0.018 (0.027)
inc	4.008 (0.218)***	4.013 (0.217)***	1.123 (0.197)***	1.130 (0.197)***	4.005 (0.218)***	4.008 (0.217)***	1.119 (0.196)***	1.125 (0.197)***
individual	-2.128 (0.372)***	-2.104 (0.371)***	0.841 (0.259)***	0.846 (0.256)***	-2.134 (0.371)***	-2.104 (0.371)***	0.844 (0.258)***	0.849 (0.258)***

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations				Panel B: Effects of Averaged Measures of Child Care Center Regulations			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
partnership	-0.247 (0.312)	-0.239 (0.311)	0.644 (0.496)	0.648 (0.495)	-0.252 (0.311)	-0.239 (0.311)	0.646 (0.498)	0.644 (0.498)
if_tax_xpt	2.465 (0.324)***	2.470 (0.324)***	1.252 (0.242)***	1.250 (0.244)***	2.464 (0.324)***	2.472 (0.324)***	1.250 (0.243)***	1.254 (0.243)***
partyear	-5.590 (0.169)***	-5.593 (0.170)***	-5.250 (0.309)***	-5.243 (0.311)***	-5.592 (0.169)***	-5.593 (0.170)***	-5.244 (0.309)***	-5.242 (0.309)***
chain	2.072 (0.212)***	2.058 (0.211)***	-2.761 (0.624)***	-2.762 (0.625)***	2.070 (0.212)***	2.055 (0.211)***	-2.761 (0.628)***	-2.759 (0.628)***
pct_black	-1.600 (0.605)***	-1.316 (0.601)**	3.873 (1.540)**	3.965 (1.587)**	-1.594 (0.604)***	-1.190 (0.612)*	3.779 (1.550)**	3.832 (1.561)**
pct_hisp	3.219 (1.002)***	3.419 (0.952)***	3.008 (1.946)	3.021 (1.937)	3.221 (1.002)***	3.476 (0.949)***	2.973 (1.944)	2.875 (1.931)
hh_size	-0.603 (0.255)**	-0.624 (0.250)**	-1.031 (0.273)***	-1.017 (0.270)***	-0.605 (0.255)**	-0.639 (0.254)**	-1.022 (0.273)***	-1.027 (0.273)***
ln_m_inc	0.032 (0.006)***	0.181 (0.045)***	0.036 (0.011)***	-0.029 (0.075)	0.032 (0.006)***	0.157 (0.036)***	0.035 (0.012)***	0.036 (0.042)
college	8.347 (0.669)***	7.563 (0.684)***	1.315 (2.213)	1.179 (2.080)	8.354 (0.668)***	7.337 (0.671)***	1.525 (2.198)	1.364 (2.157)
ln_under5	0.131 (0.056)**	0.115 (0.056)**	0.313 (0.109)***	0.308 (0.111)***	0.131 (0.056)**	0.110 (0.056)*	0.309 (0.109)***	0.304 (0.110)***
pct_fh_c	11.885 (3.752)***	10.902 (3.536)***	-2.264 (5.110)	-2.522 (5.098)	11.877 (3.754)***	10.343 (3.512)***	-1.890 (5.133)	-2.024 (5.139)
pct_f_nwork	-0.073 (0.924)	-0.056 (0.921)	0.786 (1.478)	0.820 (1.453)	-0.059 (0.925)	-0.064 (0.912)	0.910 (1.475)	0.827 (1.484)
pct_unemploy	13.977 (1.996)***	14.298 (1.990)***	1.031 (3.271)	1.047 (3.283)	13.911 (1.992)***	14.208 (1.973)***	1.257 (3.245)	1.168 (3.228)
pct_whome	-4.645 (2.069)**	-4.589 (2.049)**	2.108 (3.308)	2.084 (3.326)	-4.674 (2.066)**	-4.908 (2.061)**	2.471 (3.333)	2.216 (3.366)
long_comm	0.602 (0.568)	0.404 (0.545)	-1.561 (1.387)	-1.586 (1.401)	0.603 (0.568)	0.305 (0.526)	-1.426 (1.407)	-1.477 (1.422)
pct_rural	-3.181 (0.188)***	-3.196 (0.189)***	0.026 (0.325)	0.051 (0.318)	-3.180 (0.189)***	-3.200 (0.192)***	0.000 (0.324)	-0.014 (0.318)
year1992	0.489 (0.161)***	0.476 (0.157)***	1.082 (0.171)***	1.082 (0.168)***	0.475 (0.163)***	0.478 (0.159)***	1.067 (0.174)***	1.064 (0.173)***
year1997	0.252 (0.223)	0.167 (0.216)	2.213 (0.327)***	2.191 (0.343)***	0.239 (0.221)	0.153 (0.215)	2.240 (0.327)***	2.240 (0.328)***
Constant	0.665 (1.610)	-3.201 (2.416)	5.797 (1.867)***	8.089 (3.333)**	3.517 (1.213)***	0.231 (1.440)	9.959 (1.390)***	10.123 (1.590)***
R-squared	0.11	0.11	0.05	0.05	0.11	0.12	0.05	0.05

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations				Panel B: Effects of Averaged Measures of Child Care Center Regulations			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
State Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Establishment Fixed Eff.	No	No	Yes	Yes	No	No	Yes	Yes
Units of Observation	Establish.	Establish.	Establish.	Establish.	Establish.	Establish.	Establish.	Establish.
Observations	149102	149102	93063	93063	149102	149102	93063	93063
No. of Establishments			38936	38936			38936	38936

Table C-11: Estimated Effects of State Regulations on the Family Home Day Care (Non-Employer) Sector

Variable	Number of Non-Employer Establishments per 1,000 Children under Age 5				Annual Revenue (in millions of 1997\$) per Non-Employer Establishment			
	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations		Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
scrat0dc	40.76 (49.631)	-36.717 (84.553)			27.028 (7.063)***	-0.690 (11.163)		
no_scrat0dc	13.293 (10.821)	-10.940 (16.946)			5.894 (1.699)***	5.247 (2.250)**		
scrat0dc_incm		2.891 (1.607)*				0.533 (0.259)**		
no_scrat0dc_incm		0.887 (0.616)				-0.076 (0.067)		
edddc	-1.976 (1.190)*	-4.144 (2.541)			-0.445 (0.129)***	-0.485 (0.298)		
no_edddc	-27.476 (17.632)	-53.699 (35.674)			-6.006 (1.763)***	-6.777 (4.197)		
edddc_incm		0.072 (0.061)				0.005 (0.008)		
no_edddc_incm		0.894 (0.859)				0.072 (0.109)		
scrat			38.847 (106.939)	-156.298 (153.126)			23.838 (8.727)***	-11.135 (17.260)
no_scrat			5.842 (11.274)	14.897 (17.149)			3.637 (1.402)**	7.175 (2.136)***
scrat_incm				6.242 (2.840)**				1.036 (0.513)**
no_scrat_incm				-0.519 (0.443)				-0.187 (0.060)***
educ			-0.224 (0.769)	-0.903 (1.115)			0.056 (0.097)	-0.061 (0.125)
no_educ			0.327 (6.711)	-14.060 (12.904)			0.595 (1.092)	-0.588 (1.710)
educ_incm				0.017 (0.028)				0.002 (0.004)
no_educ_incm				0.423 (0.369)				0.016 (0.061)
pct_black	203.335	213.383	193.095	153.245	30.125	26.123	30.487	23.568

Variable	Number of Non-Employer Establishments per 1,000 Children under Age 5				Annual Revenue (in millions of 1997\$) per Non-Employer Establishment			
	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations		Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
pct_hisp	(98.015)**	(95.660)**	(105.915)*	(97.467)	(14.985)**	(14.652)*	(18.989)	(15.801)
hh_size	119.339	110.691	104.478	102.350	-1.601	-2.334	-15.510	-17.802
ln_m_inc	(97.369)	(100.391)	(99.785)	(97.069)	(17.107)	(15.659)	(16.516)	(15.751)
college	-53.053	-45.363	-50.978	-44.151	-2.397	-1.077	1.407	2.975
ln_under5	(28.325)*	(30.248)	(30.512)*	(32.670)	(4.135)	(4.032)	(4.379)	(4.104)
pct_fh_c	-0.912	-2.931	-0.818	-2.188	0.190	-0.103	0.164	-0.087
pct_f_nwork	(0.579)	(1.296)**	(0.606)	(0.991)**	(0.089)**	(0.176)	(0.089)*	(0.144)
pct_unemploy	-22.281	17.053	-19.086	62.978	15.073	27.058	14.258	29.747
pct_whome	(85.809)	(90.893)	(88.775)	(88.861)	(11.896)	(11.754)**	(13.000)	(13.148)**
long_comm	-0.027	-0.014	-0.025	-0.008	-0.002	0.001	0.000	0.004
Year 1992	(0.021)	(0.021)	(0.021)	(0.023)	(0.004)	(0.004)	(0.003)	(0.004)
Year 1997	-590.006	-680.674	-542.303	-470.780	-8.348	-18.844	-3.352	-2.929
Constant	(287.901)**	(285.626)**	(321.298)*	(329.229)	(41.234)	(37.323)	(43.193)	(42.610)
R-squared	97.507	113.274	96.494	80.679	13.467	9.368	4.655	3.935
State Fixed Effects	(60.971)	(59.447)*	(66.305)	(65.383)	(10.834)	(9.678)	(11.279)	(9.921)
Units of Observation	-49.584	-57.242	-49.161	-66.633	-3.520	-5.913	11.830	6.983
Observations	(86.267)	(93.419)	(82.339)	(78.756)	(14.605)	(12.225)	(16.321)	(13.701)
	-296.714	-284.983	-296.703	-175.599	-38.230	-28.311	-31.730	-12.327
	(164.401)*	(172.895)	(166.147)*	(168.811)	(22.759)*	(24.915)	(21.627)	(24.664)
	-105.359	-81.893	-81.309	-62.564	-4.401	3.197	4.531	6.670
	(91.983)	(89.538)	(91.453)	(85.485)	(13.337)	(12.610)	(14.092)	(13.455)
	-30.686	-22.918	-30.451	-17.740	0.488	1.943	1.958	3.759
	(25.706)	(23.862)	(26.673)	(25.954)	(3.556)	(3.148)	(3.693)	(3.332)
	18.659	18.786	18.921	18.810	-0.496	-0.477	-0.454	-0.469
	(1.245)***	(1.266)***	(1.249)***	(1.269)***	(0.145)***	(0.144)***	(0.154)***	(0.153)***
	27.483	31.429	25.799	25.189	-1.888	-1.209	-1.015	-0.485
	(10.164)***	(11.649)***	(11.675)**	(13.354)*	(1.671)	(1.620)	(1.672)	(1.730)
	243.037	253.790	205.262	191.459	0.069	1.406	-13.981	-16.280
	(82.936)***	(87.299)***	(86.437)**	(83.982)**	(12.355)	(12.344)	(12.927)	(11.390)
	0.96	0.96	0.96	0.96	0.93	0.94	0.92	0.94
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	State	State	State	State	State	State	State	State
	153	153	153	153	153	153	153	153

Table C-12: Estimated Effects of State Regulations on the Accreditation of Child Care Centers

Accreditation Rates in Zip Code Markets

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(5)	(6)	(5)	(6)
scrat0dc	0.639 (0.117)***	0.723 (0.152)***		
no_scrat0dc	0.139 (0.027)***	0.176 (0.037)***		
scrat0dc_incm		-0.002 (0.003)		
no_scrat0dc_incm		-0.001 (0.001)		
edddc	-0.017 (0.007)**	-0.013 (0.008)		
no_edddc	-0.244 (0.120)**	-0.173 (0.124)		
edddc_incm		-0.00009 (0.00001)		
no_edddc_incm		-0.002 (0.001)		
scrat			1.735 (0.572)***	1.811 (0.620)***
no_scrat			0.208 (0.060)***	0.224 (0.059)***
scrat_incm				-0.002 (0.004)
no_scrat_incm				-0.001 (0.001)
educ			-0.003 (0.002)	-0.006 (0.002)***
no_educ			-0.029 (0.023)	-0.060 (0.025)**
educ_incm				0.0001 (0.00003)***
no_educ_incm				0.001 (0.001)*
pct_black	0.038	0.038	0.038	0.038

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations		Panel B: Effects of Averaged Measures of Child Care Center Regulations	
	(5)	(6)	(5)	(6)
pct_hisp	(0.011)*** 0.060	(0.011)*** 0.062	(0.011)*** 0.060	(0.012)*** 0.062
hh_size	(0.012)*** -0.023	(0.012)*** -0.023	(0.012)*** -0.023	(0.011)*** -0.023
ln_m_inc	(0.005)*** 0.001	(0.005)*** 0.002	(0.005)*** 0.001	(0.005)*** 0.000
college	(0.000)*** 0.071	(0.001)* 0.069	(0.000)*** 0.072	(0.001) 0.073
ln_under5	(0.026)*** 0.000	(0.026)*** 0.000	(0.026)*** 0.000	(0.026)*** 0.000
pct_fh_c	(0.001) -0.073	(0.001) -0.078	(0.001) -0.071	(0.001) -0.071
pct_f_nwork	(0.055) 0.007	(0.055) 0.007	(0.055) 0.007	(0.057) 0.005
pct_unemploy	(0.018) 0.204	(0.017) 0.204	(0.018) 0.203	(0.017) 0.195
pct_whome	(0.051)*** 0.100	(0.051)*** 0.102	(0.051)*** 0.100	(0.051)*** 0.091
long_comm	(0.046)** -0.054	(0.046)** -0.055	(0.046)** -0.054	(0.046)* -0.054
pct_rural	(0.011)*** -0.031	(0.012)*** -0.031	(0.011)*** -0.031	(0.011)*** -0.031
year1992	(0.004)*** 0.026	(0.004)*** 0.026	(0.004)*** 0.029	(0.004)*** 0.029
year1997	(0.004)*** 0.051	(0.004)*** 0.051	(0.003)*** 0.055	(0.004)*** 0.055
Constant	(0.005)*** 0.113	(0.005)*** 0.039	(0.005)*** -0.169	(0.005)*** -0.138
R-squared	(0.118) 0.09	(0.121) 0.09	(0.067)** 0.09	(0.072)* 0.09
State Fixed Effects	Yes	Yes	Yes	Yes
Units of Observation	Zip Code	Zip Code	Zip Code	Zip Code
Observations	39527	39527	39527	39527

Accreditation Status of Establishments

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations				Panel B: Effects of Averaged Measures of Child Care Center Regulations			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
scrat0dc	0.135 (0.058)**	0.123 (0.076)	0.232 (0.086)***	0.007 (0.184)				
no_scrat0dc	0.032 (0.014)**	0.027 (0.020)	0.040 (0.021)*	-0.006 (0.039)				
scrat0dc_incm		0.001 (0.001)		0.008 (0.005)*				
no_scrat0dc_incm		0.0003 (0.0004)		0.002 (0.001)				
edddc	-0.011 (0.004)***	-0.009 (0.004)**	-0.010 (0.007)	-0.001 (0.006)				
no_edddc	-0.153 (0.061)**	-0.113 (0.060)*	-0.139 (0.094)	0.005 (0.091)				
edddc_incm		-0.00003 (0.00005)		-0.0002 (0.0001)*				
no_edddc_incm		-0.001 (0.001)		-0.003 (0.002)*				
scrat					0.679 (0.213)***	0.629 (0.235)***	0.847 (0.234)***	0.258 (0.353)
no_scrat					0.086 (0.025)***	0.077 (0.023)***	0.099 (0.026)***	0.047 (0.037)
scrat_incm						0.003 (0.002)		0.018 (0.008)**
no_scrat_incm						0.0003 (0.00004)		0.002 (0.001)*
educ					-0.002 (0.001)**	-0.005 (0.001)***	-0.003 (0.001)**	-0.008 (0.002)***
no_educ					-0.026 (0.012)**	-0.048 (0.013)***	-0.024 (0.016)	-0.091 (0.023)***
educ_incm						0.0001 (0.00002)***		0.0001 (0.00004)***
no_educ_incm						0.001 (0.000)**		0.002 (0.001)***
inc	0.013 (0.003)***	0.013 (0.003)***	0.002 (0.004)	0.002 (0.004)	0.013 (0.003)***	0.013 (0.003)***	0.002 (0.004)	0.002 (0.004)
individual	0.006 (0.003)*	0.006 (0.003)*	-0.004 (0.006)	-0.004 (0.006)	0.006 (0.003)*	0.006 (0.003)*	-0.004 (0.006)	-0.003 (0.006)

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations				Panel B: Effects of Averaged Measures of Child Care Center Regulations			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
partnership	0.009 (0.003)***	0.009 (0.003)***	-0.008 (0.007)	-0.008 (0.007)	0.009 (0.003)***	0.009 (0.003)***	-0.008 (0.007)	-0.007 (0.007)
if_tax_xpt	0.027 (0.003)***	0.027 (0.003)***	-0.003 (0.005)	-0.003 (0.005)	0.027 (0.003)***	0.027 (0.003)***	-0.003 (0.005)	-0.003 (0.005)
partyear	-0.004 (0.002)**	-0.004 (0.002)**	0.003 (0.002)	0.002 (0.002)	-0.004 (0.002)*	-0.004 (0.002)**	0.003 (0.003)	0.002 (0.003)
chain	0.019 (0.004)***	0.019 (0.004)***	0.005 (0.009)	0.006 (0.009)	0.019 (0.004)***	0.019 (0.004)***	0.005 (0.009)	0.006 (0.009)
pct_black	0.017 (0.005)***	0.016 (0.005)***	0.048 (0.018)***	0.041 (0.018)**	0.017 (0.005)***	0.015 (0.005)***	0.049 (0.019)***	0.049 (0.019)***
pct_hisp	0.018 (0.006)***	0.018 (0.006)***	0.044 (0.032)	0.049 (0.031)	0.019 (0.006)***	0.019 (0.006)***	0.046 (0.032)	0.057 (0.032)*
hh_size	-0.018 (0.004)***	-0.018 (0.004)***	-0.028 (0.008)***	-0.027 (0.007)***	-0.019 (0.004)***	-0.018 (0.004)***	-0.028 (0.008)***	-0.026 (0.007)***
ln_m_inc	0.001 (0.000)***	0.001 (0.001)	0.002 (0.000)***	0.003 (0.002)	0.001 (0.000)***	0.000 (0.000)	0.002 (0.000)***	-0.002 (0.001)*
college	-0.016 (0.014)	-0.011 (0.014)	-0.230 (0.039)***	-0.211 (0.036)***	-0.017 (0.014)	-0.009 (0.014)	-0.228 (0.040)***	-0.200 (0.039)***
ln_under5	0.000 (0.001)	0.000 (0.001)	-0.003 (0.002)	-0.003 (0.002)	0.000 (0.001)	0.000 (0.001)	-0.003 (0.002)	-0.003 (0.002)
pct_fh_c	-0.096 (0.032)***	-0.094 (0.032)***	-0.152 (0.083)*	-0.155 (0.083)*	-0.094 (0.032)***	-0.086 (0.034)**	-0.151 (0.084)*	-0.163 (0.083)*
pct_f_nwork	-0.033 (0.009)***	-0.034 (0.009)***	0.006 (0.029)	0.002 (0.026)	-0.034 (0.009)***	-0.033 (0.009)***	0.007 (0.029)	0.003 (0.028)
pct_unemploy	0.162 (0.031)***	0.160 (0.031)***	0.076 (0.069)	0.078 (0.067)	0.161 (0.031)***	0.154 (0.031)***	0.076 (0.069)	0.071 (0.064)
pct_whome	0.117 (0.034)***	0.118 (0.034)***	0.126 (0.065)*	0.129 (0.060)**	0.115 (0.034)***	0.110 (0.032)***	0.125 (0.064)*	0.120 (0.062)*
long_comm	-0.035 (0.007)***	-0.033 (0.007)***	-0.032 (0.032)	-0.031 (0.030)	-0.035 (0.007)***	-0.032 (0.007)***	-0.030 (0.032)	-0.031 (0.032)
pct_rural	-0.013 (0.003)***	-0.013 (0.003)***	0.001 (0.008)	0.002 (0.007)	-0.013 (0.003)***	-0.012 (0.003)***	0.001 (0.008)	0.005 (0.007)
year1992	0.013 (0.002)***	0.013 (0.002)***	0.020 (0.003)***	0.020 (0.003)***	0.014 (0.002)***	0.014 (0.002)***	0.021 (0.003)***	0.021 (0.003)***
year1997	0.021 (0.003)***	0.022 (0.003)***	0.032 (0.004)***	0.034 (0.005)***	0.022 (0.003)***	0.023 (0.003)***	0.033 (0.004)***	0.035 (0.005)***
Constant	0.139 (0.062)**	0.111 (0.063)*	0.182 (0.102)*	0.097 (0.097)	-0.037 (0.030)	-0.002 (0.031)	0.015 (0.038)	0.139 (0.059)**
R-squared	0.04	0.04	0.05	0.05	0.04	0.04	0.05	0.05

Variable	Panel A: Effects of Single Measures of Child Care Center Regulations				Panel B: Effects of Averaged Measures of Child Care Center Regulations			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
State Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Establishment Fixed Eff.	No	No	Yes	Yes	No	No	Yes	Yes
Units of Observation	Establish.	Establish.	Establish.	Establish.	Establish.	Establish.	Establish.	Establish.
Observations	149102	149102	93063	93063	149102	149102	93063	93063
No. of Establishments			38936	38936			38936	38936