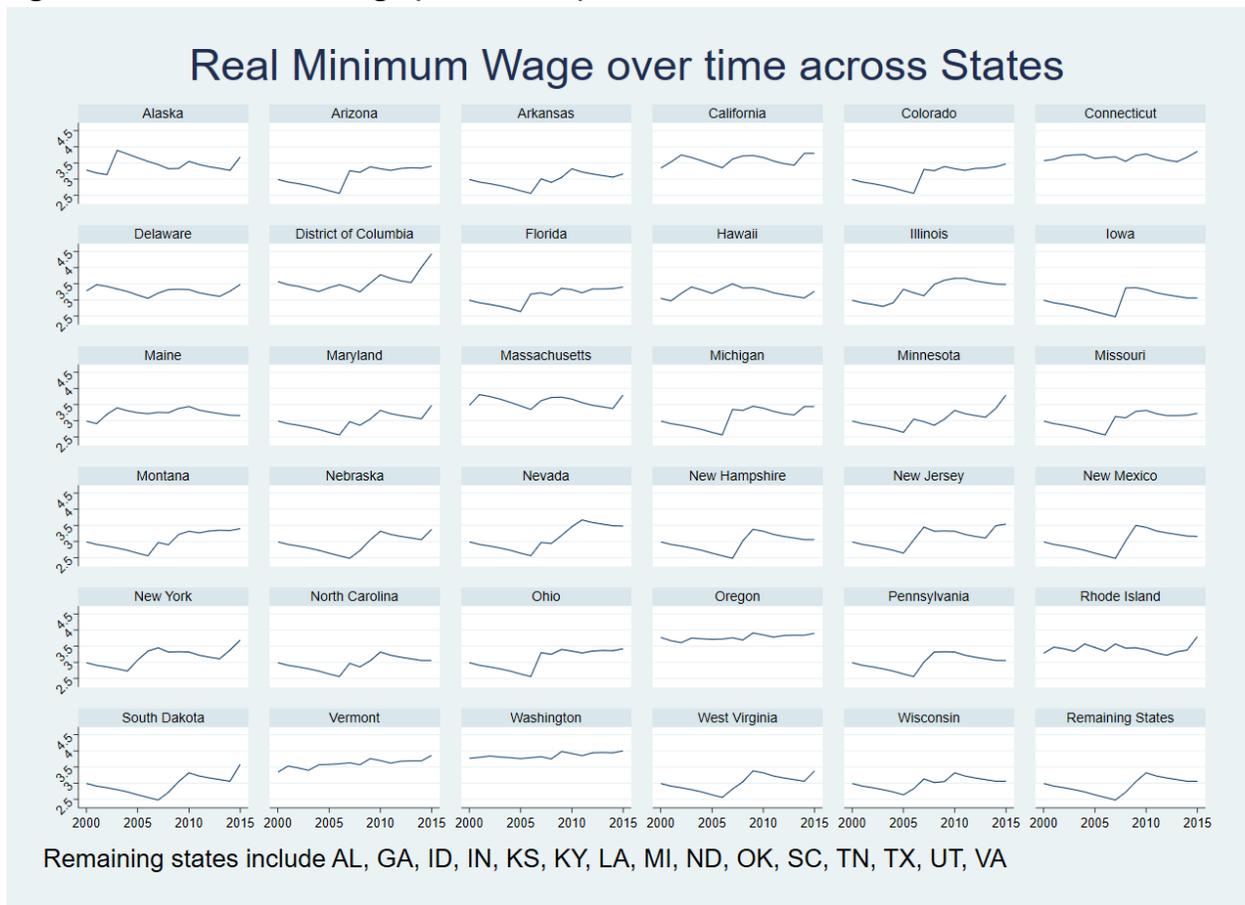


Appendix

Figure 1: Average Real Minimum Wage across Time



Figure 2: Real Minimum Wage (\$1982-1984) over time & across States



Note: The remaining states have a real minimum wage that does not differ from the Federal minimum wage.

Table 1: Weighted Means of Minimum Wage and State Level Policy Control Variables

	Parent native		Parent foreign born		Parent naturalized		Parent noncitizen	
	Mean	SD	Mean	SD	Mean	SD	Mean	SD
<i>State Policy variables</i>								
Real minimum wage	3.071	.004	3.261	.008	3.270	.008	3.256	.010
poverty rate	13.505	.033	13.899	.049	13.729	.059	13.982	.059
unemployment rate	6.364	.017	6.793	.032	6.830	.044	6.776	.039
union membership represented by unions	11.280	.068	12.615	.129	13.362	.151	12.254	.154
AFDC/TANF benefit family of three (\$)	402.028	1.861	499.708	3.776	516.120	4.516	491.777	4.521
Medicaid (cutoff for eligibility)	190.477	.327	198.199	.534	198.145	.713	198.225	.623
Mental health parity law	.373	.005	.398	.007	.400	.010	.397	.009
State cigarette tax (cents)	100.748	.871	117.999	1.678	123.621	2.068	115.283	2.043
Dependent coverage mandate	.474	.005	.558	.008	.556	.011	.559	.009
E-verify law	.249	.005	.215	.010	.182	.010	.231	.012
Public health insurance for unauthorized immigrant adults	.001	.001	.001	.000	.001	.000	.001	.000
State provided TANF post PRWORA	.325	.006	.492	.010	.506	.011	.485	.012
State food assistance for lawful permanent resident children during five-year bar	.924	.002	.960	.002	.956	.004	.962	.002
Public health insurance for lawful permanent resident	.216	.004	.416	.009	.450	.011	.339	.010
Secure communities law	.351	.004	.401	.006	.403	.099	.401	.008
Food assistance for lawful permanent resident adults during five-year bar	.136	.004	.343	.010	.344	.010	.342	.012
Public health insurance for unauthorized immigrant children	.102	.003	.147	.009	.168	.009	.136	.109
State expanded Medicaid after 2010	.078	.002	.164	.006	.176	.007	.158	.007
Sample Size	55,363		34,409		10,451		23,958	

Notes: Nativity status refers to the household head, who is usually a parent.

Table 2: DDD Effects of Contemporaneous Minimum Wage on Health Outcomes in Past 12 Months for Children Ages 0-17 of Parents with HS or Less Education

Parent nativity		Health=1 if exc/vg	Health=1 if fair/poor	# times ER last year	had 3 or more ear infections	frequent or severe headaches	had freq diarrhea last year	had a cold past two weeks	stomach pblm/diarrhea past two weeks
Native N= 103579	Real min. wage	0.0154	-0.00727	-0.00727	0.00470	-0.00194	-0.00147	0.00673	0.00218
	* low educ	(1.76)	(-0.40)	(-0.77)	(0.71)	(-0.29)	(-0.37)	(0.61)	(0.33)
Foreign born N= 46773	Real min. wage	-0.0112	0.00266	0.00135	0.0153	-0.00305	-0.00623	0.00158	0.0109
	* low educ	(-0.71)	(0.66)	(0.09)	(1.80)	(-0.33)	(-1.50)	(0.10)	(1.23)
Naturalized N= 18315	Real min. wage	0.0132	-0.00231	-0.0195	0.000263	0.000918	-0.00653	-0.00988	0.000575
	* low educ	(0.55)	(-0.40)	(-0.90)	(0.02)	(0.07)	(-1.05)	(-0.40)	(0.04)
Noncitizen N= 28458	Real min. wage	-0.0202	-0.00108	0.0259	0.0361**	0.00554	-0.00713	0.0000122	0.0151
	* low educ	(-0.93)	(-0.17)	(1.18)	(2.68)	(0.41)	(-1.33)	(0.00)	(1.15)

t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.001, ** p<0.01, * p<0.05. Observations refer to the full unweighted sample size. Actual observations may vary by outcome.

Table 3: Effects of Contemporaneous Minimum Wage on Health Outcomes in Past 12 Months for Children Ages 0-17 of Parents with HS or Less Education with Inclusion of Health Insurance as a Control Variable

Parent nativity		Health=1 if exc/vg	Health=1 if fair/poor	# times ER last year	had 3 or more ear infections	frequent or severe headaches	had freq diarrhea last year	had a cold past two weeks	stomach problem/diarrhea past two weeks
Native N=55363	Real min. wage	-0.0178	0.00285	-0.0200	-0.0147	0.00556	-0.00268	0.0312	0.000548
		(-0.90)	(0.50)	(-1.14)	(-1.25)	(0.37)	(-0.54)	(1.59)	(0.05)
	Has health insurance	0.0208**	-0.00244	0.00554	0.00290	-0.00771	-0.000587	-	-0.00354
		(2.72)	(-1.06)	(0.76)	(0.64)	(-1.37)	(-0.24)	(-2.07)	(-0.72)
Foreign born N=34409	Real min. wage	-0.0383	0.0108	0.0209	0.0156	0.0132	-0.00638	0.0258	0.0101
		(-1.28)	(1.00)	(0.99)	(1.15)	(0.79)	(-1.10)	(1.19)	(0.76)
	Has health insurance	0.00962	-0.00156	0.0226***	0.00382	0.00620	0.00320	-	0.00262
		(1.07)	(-0.55)	(3.44)	(0.78)	(1.20)	(1.48)	(-1.16)	(0.60)
Naturalized N=10451	Real min. wage	-0.0108	0.00986	0.0414	-0.0130	0.0225	0.00272	0.00641	0.00781
		(-0.22)	(0.58)	(1.23)	(-0.61)	(0.88)	(0.38)	(0.16)	(0.35)
	Has health insurance	0.00200	-0.00759	0.00910	0.000321	0.0108	0.00681*	0.00134	0.00387
		(0.13)	(-1.21)	(0.81)	(0.04)	(1.28)	(2.17)	(0.10)	(0.44)
Noncitizen N=23958	Real min. wage	-0.0591	0.0110	0.0155	0.0331*	0.0113	-0.0108	0.0404	0.0105
		(-1.62)	(0.80)	(0.57)	(2.03)	(0.54)	(-1.34)	(1.49)	(0.65)
	Has health insurance	0.0106	0.00128	0.0288***	0.00628	0.00185	0.00194	-0.0133	0.00190
		(1.02)	(0.36)	(3.49)	(1.06)	(0.30)	(0.69)	(-1.43)	(0.40)

t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.001, ** p<0.01, * p<0.05. Observations refer to the full unweighted sample size. Actual observations may vary by outcome.

Table 4. Effects of Ratio on Health Outcomes in Past 12 Months for Children Ages 0-17 of Parents with HS or Less Education

Parent nativity		Health=1 if exc/vg	Health=1 if fair/poor	# times ER last year	had 3 or more ear infections	frequent or severe headaches	had freq diarrhea last year	had a cold past weeks	stomach pblm/diarrhea past two weeks
Native N=55363	Ratio of state minimum wage to average state wage	-0.126	0.0000952	-0.0290	-0.0795	-0.0218	-0.0152	0.0899	-0.00213
		(-1.13)	(0.00)	(-0.26)	(-1.01)	(-0.26)	(-0.48)	(0.80)	(-0.03)
Foreign born N=34409	Ratio	-0.199	0.0707	0.172	0.198*	-0.0450	-0.0528	0.103	0.0277
		(-0.95)	(0.71)	(1.13)	(2.09)	(-0.39)	(-1.30)	(0.67)	(0.27)
Naturalized N=10451	Ratio	0.0803	0.0414	0.529*	-0.0424	0.175	0.0331	0.141	0.205
		(0.25)	(0.33)	(2.23)	(-0.29)	(1.16)	(0.72)	(0.47)	(1.14)
Noncitizen N=23958	Ratio	-0.386	0.0941	0.0256	0.325*	-0.122	-0.0997	0.145	-0.0790
		(-1.49)	(0.73)	(0.14)	(2.56)	(-0.75)	(-1.68)	(0.77)	(-0.64)

t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.001, ** p<0.01, * p<0.05. Observations refer to the full unweighted sample size. Actual observations may vary by outcome.

Table 5: Effects of Minimum Wage on Health Outcomes in Past 12 Months for Children Ages 0-17 when Both Parents have HS or Less Education

Parent nativity		Health=1 if exc/vg	Health=1 if fair/poor	# times ER last year	had 3 or more ear infections	frequent or severe headaches	had freq diarrhea last year	had a cold past two weeks	stomach pblm/diarrhea past two weeks
Native N=21075	Real min. wage	0.0113	-0.00703	0.0121	-0.0289	-0.00844	-0.00572	0.0727*	0.0154
		(0.33)	(-0.94)	(0.44)	(-1.65)	(-0.35)	(-0.89)	(2.36)	(0.88)
Foreign born N=20912	Real min. wage	-0.0985*	0.0135	0.0279	0.00615	0.0111	0.00399	0.00364	0.00980
		(-2.34)	(0.98)	(1.00)	(0.36)	(0.52)	(0.52)	(0.13)	(0.61)
Naturalized N=6324	Real min. wage	-0.0491	0.0106	0.0799	-0.00878	0.0172	-0.000687	-0.0161	-0.00896
		(-0.80)	(0.39)	(1.93)	(-0.35)	(0.54)	(-0.10)	(-0.31)	(-0.36)
Noncitizen N=14588	Real min. wage	-0.131*	0.0154	0.00588	0.0146	0.0140	0.00596	0.0231	0.0219
		(-2.51)	(1.04)	(0.16)	(0.64)	(0.51)	(0.51)	(0.69)	(1.07)

t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.001, ** p<0.01, * p<0.05. Observations refer to the full unweighted sample size. Actual observations may vary by outcome.

Table 6: Effects of Contemporaneous Minimum Wage on Health Outcomes in Past 12 Months for Children Ages 0-17 of Hispanic Immigrant Parents with HS or Less Education

Parent nativity		Health=1 if exc/vg	Health=1 if fair/poor	# times ER last year	had 3 or more ear infections	frequent or severe headaches	had freq diarrhea last year	had a cold past two weeks	stomach pblm/diarrhea past two weeks
Native N=12294	Real min. wage	0.00920	0.0117	-0.0268	-0.0364	0.00147	-0.0103	0.00439	0.00488
		(0.21)	(0.74)	(-0.66)	(-1.42)	(0.06)	(-1.01)	(0.10)	(0.22)
Foreign born N=28808	Real min. wage	-0.0594	0.0284*	0.0379	0.0264	0.0136	-0.00641	0.0264	0.00891
		(-1.77)	(2.13)	(1.66)	(1.63)	(0.69)	(-0.89)	(1.04)	(0.54)
Naturalized N=7287	Real min. wage	-0.00335	0.0313	0.0689	-0.0305	0.00417	0.0106	-0.0201	-0.0319
		(-0.05)	(1.13)	(1.54)	(-1.05)	(0.11)	(1.18)	(-0.42)	(-1.01)
Noncitizen N=21521	Real min. wage	-0.0792*	0.0288	0.0320	0.0472**	0.0190	-0.0112	0.0393	0.0189
		(-1.98)	(1.85)	(1.15)	(2.62)	(0.80)	(-1.23)	(1.30)	(1.04)

t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.001, ** p<0.01, * p<0.05. Observations refer to the full unweighted sample size. Actual observations may vary by outcome.

Table 7: Effects of Lagged Minimum Wages on Health Outcomes

Parent nativity		Health=1 if exc/vg	Health=1 if fair/poor	# times ER last year	had 3 or more ear infections	frequent or severe headaches	had freq diarrhea last year	had a cold past two weeks	stomach prblm/diarrhea past two weeks
Native N=55363	Real min. wage	-0.0166	-0.000974	-0.00905	-0.0209	-0.0112	-0.0152*	-0.0136	0.000704
		(-0.88)	(-0.17)	(-0.48)	(-1.68)	(-0.70)	(-2.42)	(-0.65)	(0.05)
Foreign born N=34409	Real min. wage	-0.0549	0.000487	0.0290	-0.0107	0.0211	0.00362	0.0408	0.0152
		(-1.65)	(0.05)	(1.27)	(-0.76)	(1.43)	(0.49)	(1.77)	(1.25)
Naturalized N=10451	Real min. wage	-0.0575	0.0153	0.0217	-0.0433*	0.0445	0.00595	0.0117	0.00998
		(-1.13)	(1.53)	(0.58)	(-2.03)	(1.89)	(0.61)	(0.32)	(0.42)
Non-citizen N=23958	Real min. wage	-0.0633	-0.00449	0.0387	0.00494	0.00908	0.00283	0.0571*	0.0164
		(-1.57)	(-0.33)	(1.34)	(0.28)	(0.47)	(0.31)	(1.99)	(1.20)

t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.001, ** p<0.01, * p<0.05. Observations refer to the full unweighted sample size. Actual observations may vary by outcome.

Table 8: Endogeneity of Location

	Column A The share of immigrants with children and working living in the state	Column B The share of immigrants with children and working and low educated living in the state	Column C The share of immigrants with children and working and low educated living in the state
Lagged Real minimum wage	0.00552	0.00249	-0.000278
	(1.67)	(1.01)	(-0.15)
N	816	816	816

Outcome is the share of immigrants with children living in the state (column A), the share of immigrants with children and working living in the state (column B) and the share of immigrants with children and working and low educated living in the state (column C). The independent variable of interest is the lag of the real minimum wage. Unit of observation is a state in year. t statistics in parentheses. All models include full set of covariates and state and year fixed effects. All models are estimated using OLS and Stata's svy program to account for complex survey design. *** p<0.01, ** p<0.05, * p<0.10.