Descriptive

Shadi

2023-06-20

Table 1: Baseline Characteristics for states

Table 1: **Table 1. Baseline Comparison of States**

Group	Variable	Non Expansion	Expansion	Difference	p-value
Pre-ACA	State's Political Liberalism	0.24 (0.09)	0.45 (0.17)	0.22	<0.001***
	Immigration Policy Climate	-3 (1)	-1 (2)	2.1	<0.001***
	State's Unemployment Rate	7.16 (2.02)	8.60 (1.64)	1.4	<0.001***
Post-ACA	State's Political Liberalism	0.23 (0.10)	0.47 (0.22)	0.24	<0.001***
	Immigration Policy Climate	-3 (1)	0 (3)	2.8	<0.001***
	State's Unemployment Rate	4.50 (1.15)	5.00 (1.14)	0.50	<0.001***

[1] Mean (SD)

[2] Welch Two Sample t-test

[3] *p<0.05; **p<0.01;** p<0.001*

Table 2: Baseline Characteristics by Nativity

Table 2: **Table 2.Baseline Characteristics by Nativity**

	Non-expansion			expansion		
Characteristic	**Foregin-born**, N = 7,113,051	**US-born**, N = 26,041,282	**p-value**	**Foregin-born**, N = 11,592,215	**US-born**, N = 34,946,509	**p-value**
Uninsured	4,995,253 (70%)	10,833,686 (42%)	<0.001***	6,473,288 (56%)	11,893,979 (34%)	<0.001***
Medicaid coverage	871,138 (12%)	7,688,863 (30%)	<0.001***	2,880,034 (25%)	13,241,734 (38%)	<0.001***
Age	40 (33, 49)	43 (33, 53)	<0.001***	41 (34, 50)	43 (33, 53)	<0.001***
Sex			<0.001***			<0.001***
Female	3,819,350 (54%)	15,057,504 (58%)		6,323,790 (55%)	19,813,110 (57%)	
Male	3,293,701 (46%)	10,983,778 (42%)		5,268,425 (45%)	15,133,399 (43%)	
Disability	663,792 (9.3%)	7,060,627 (27%)	<0.001***	1,136,618 (9.8%)	9,432,288 (27%)	<0.001***
Current employment status			<0.001***			<0.001***
Employed	4,037,034 (57%)	10,335,124 (40%)		6,188,727 (53%)	13,125,180 (38%)	
Not in labor force	2,376,172 (33%)	11,975,810 (46%)		4,083,199 (35%)	16,444,592 (47%)	
Unemployed	699,845 (9.8%)	3,730,348 (14%)		1,320,289 (11%)	5,376,737 (15%)	
Marital status	4,094,355 (58%)	8,063,391 (31%)	<0.001***	6,457,264 (56%)	9,635,900 (28%)	<0.001***
Education			<0.001***			<0.001***
College degree	470,230 (6.6%)	1,884,546 (7.2%)		797,858 (6.9%)	2,860,619 (8.2%)	
Graduate and beyond	172,679 (2.4%)	577,787 (2.2%)		319,853 (2.8%)	994,271 (2.8%)	
High school	1,833,018 (26%)	9,500,208 (36%)		2,822,810 (24%)	12,647,283 (36%)	
Less than high school	3,557,536 (50%)	5,819,385 (22%)		5,866,533 (51%)	6,839,940 (20%)	
Some college or Associate degree	1,079,588 (15%)	8,259,356 (32%)		1,785,161 (15%)	11,604,396 (33%)	
Race/ethnicity			<0.001***			<0.001***
Asian	518,213 (7.3%)	54,950 (0.2%)		1,704,788 (15%)	264,742 (0.8%)	
Black	563,959 (7.9%)	7,362,213 (28%)		501,427 (4.3%)	6,817,804 (20%)	
Hispanic	5,382,119 (76%)	2,731,265 (10%)		7,914,764 (68%)	3,998,364 (11%)	
Other	106,083 (1.5%)	838,658 (3.2%)		207,897 (1.8%)	1,512,924 (4.3%)	
White	542,677 (7.6%)	15,054,196 (58%)		1,263,339 (11%)	22,352,675 (64%)	
Federal poverty			<0.001***			<0.001***
Income 100 to 138% poverty	2,563,949 (36%)	8,447,926 (32%)		4,257,006 (37%)	10,820,459 (31%)	
Income below 100% poverty	4,549,102 (64%)	17,593,356 (68%)		7,335,209 (63%)	24,126,050 (69%)	
Citizenship status			<0.001***			<0.001***
Born in US states	0 (0%)	25,729,677 (99%)		0 (0%)	34,498,962 (99%)	
Born in US Territories	0 (0%)	311,605 (1.2%)		0 (0%)	447,547 (1.3%)	
Naturalized-citizen	1,870,512 (26%)	0 (0%)		3,527,306 (30%)	0 (0%)	

Table 2: **Table 2.Baseline Characteristics by Nativity** *(continued)*

| Characteristic | Non-expansion | | | expansion | | |
	Foregin-born, N = 7,113,051	**US-born**, N = 26,041,282	**p-value**	**Foregin-born**, N = 11,592,215	**US-born**, N = 34,946,509	**p-value**
Non-citizen	4,975,148 (70%)	0 (0%)		7,709,364 (67%)	0 (0%)	
US-citizen Born abroad	267,391 (3.8%)	0 (0%)		355,545 (3.1%)	0 (0%)	
Lifetime in US			<0.001***			<0.001***
<25%	1,476,453 (21%)	108,020 (35%)		2,074,736 (18%)	104,908 (23%)	
>25%	5,636,598 (79%)	203,585 (65%)		9,517,479 (82%)	342,639 (77%)	
Self-rated English proficiency			<0.001***			<0.001***
Not at all	1,192,569 (17%)	64,202 (0.2%)		1,867,518 (16%)	67,420 (0.2%)	
Not well	2,211,497 (31%)	183,085 (0.7%)		3,749,138 (32%)	232,892 (0.7%)	
Only english	758,922 (11%)	23,561,819 (90%)		1,047,881 (9.0%)	31,537,870 (90%)	
Very well	1,436,201 (20%)	1,883,887 (7.2%)		2,307,127 (20%)	2,677,630 (7.7%)	
Well	1,513,862 (21%)	348,289 (1.3%)		2,620,551 (23%)	430,697 (1.2%)	
Cultural clusters			<0.001***			<0.001***
African-Islamic	354,779 (5.0%)	0 (0%)		881,988 (7.6%)	0 (0%)	
Catholic Europe	68,188 (1.0%)	0 (0%)		211,276 (1.8%)	0 (0%)	
Confucian	172,880 (2.4%)	0 (0%)		719,929 (6.2%)	0 (0%)	
English-speaking	118,375 (1.7%)	26,041,282 (100%)		228,492 (2.0%)	34,946,509 (100%)	
Latin America	5,924,207 (83%)	0 (0%)		8,399,447 (72%)	0 (0%)	
Orthodox	70,909 (1.0%)	0 (0%)		257,099 (2.2%)	0 (0%)	
Protestant Europe	129,210 (1.8%)	0 (0%)		150,035 (1.3%)	0 (0%)	
South Asian	274,503 (3.9%)	0 (0%)		743,949 (6.4%)	0 (0%)	
Country/Region of birth			<0.001***			<0.001***
Canada	50,896 (0.7%)	0 (0%)		87,977 (0.8%)	0 (0%)	
Eastern Asia	145,699 (2.0%)	0 (0%)		586,211 (5.1%)	0 (0%)	
Eastern Europe	72,756 (1.0%)	0 (0%)		273,831 (2.4%)	0 (0%)	
Latin America	5,872,570 (83%)	0 (0%)		8,152,177 (70%)	0 (0%)	
Middle East	129,256 (1.8%)	0 (0%)		442,380 (3.8%)	0 (0%)	
Oceania and at Sea	16,732 (0.2%)	0 (0%)		67,785 (0.6%)	0 (0%)	
South & Centeral Asia	138,250 (1.9%)	0 (0%)		307,477 (2.7%)	0 (0%)	
South East Asia	279,316 (3.9%)	0 (0%)		954,859 (8.2%)	0 (0%)	
Sub-Saharan Africa	158,722 (2.2%)	0 (0%)		338,734 (2.9%)	0 (0%)	
United States	0 (0%)	26,041,282 (100%)		0 (0%)	34,946,509 (100%)	
Western Europe	248,854 (3.5%)	0 (0%)		380,784 (3.3%)	0 (0%)	

[1] n (%); Median (IQR)

[2] *p<0.05;* **p<0.01;** p<0.001

Table 3: Uninsured and Medicaid coverage rate before and after ACA for expansion and non-expansion state by characteristics

| Characteristic | Uninsured Rate | | | | Medicaid Coverage | | | |
| | Expansion | | Non-expansion | | Expansion | | Non-expansion | |
	Pre	Post	Pre	Post	Pre	Post	Pre	Post
Citizenship status								
Born in US states	15%	33%	30%	40%	55%	38%	34%	30%
Born in US Territories	12%	23%	27%	36%	68%	57%	39%	37%
Naturalized-citizen	15%	35%	33%	50%	54%	35%	24%	21%
Non-citizen	45%	63%	67%	76%	36%	22%	11%	9.7%
US-citizen Born abroad	17%	36%	34%	45%	49%	31%	25%	23%
Lifetime in US								
<25%	31%	56%	49%	70%	45%	26%	19%	12%
>25%	32%	51%	53%	65%	44%	28%	17%	15%
Unknown	88,065	106,526	127,764	97,425	316,536	122,694	145,240	74,807
Race/ethnicity								
Asian	16%	37%	30%	51%	48%	31%	19%	14%
Black	15%	31%	27%	37%	60%	46%	40%	36%
Hispanic	31%	51%	52%	64%	47%	30%	20%	18%
Other	22%	37%	37%	45%	58%	43%	35%	32%
White	15%	33%	30%	40%	53%	35%	32%	27%
Sex								
Female	16%	34%	32%	42%	56%	40%	34%	30%
Male	22%	42%	37%	48%	48%	30%	27%	23%
Current employment status								

Characteristic	Uninsured Rate				Medicaid Coverage			
	Expansion		Non-expansion		Expansion		Non-expansion	
	Pre	Post	Pre	Post	Pre	Post	Pre	Post
Employed	22%	43%	38%	50%	43%	23%	18%	14%
Not in labor force	15%	28%	28%	34%	60%	47%	43%	41%
Unemployed	26%	52%	50%	63%	58%	33%	29%	23%
Marital status	19%	37%	34%	45%	48%	31%	25%	22%
Education								
College degree	14%	32%	24%	37%	39%	21%	19%	15%
Graduate and beyond	13%	26%	20%	31%	32%	16%	16%	13%
High school	19%	38%	35%	45%	55%	36%	32%	28%
Less than high school	27%	44%	44%	52%	57%	41%	35%	32%
Some college or Associate degree	15%	33%	29%	40%	54%	36%	31%	26%
Federal poverty								
Income 100 to 138% poverty	19%	37%	30%	41%	45%	27%	24%	21%
Income below 100% poverty	19%	38%	36%	46%	57%	40%	34%	31%
Self-rated English proficiency								
Not at all	45%	62%	68%	77%	43%	28%	16%	14%
Not well	37%	56%	61%	73%	46%	29%	16%	14%
Only english	15%	33%	29%	39%	55%	37%	34%	30%
Very well	21%	40%	39%	51%	51%	34%	24%	22%
Well	30%	49%	49%	63%	46%	29%	19%	16%
Country/Region of birth								
Canada	18%	34%	31%	42%	39%	20%	19%	16%
Eastern Asia	18%	45%	31%	52%	44%	23%	15%	12%
Eastern Europe	22%	42%	37%	50%	48%	31%	20%	16%
Latin America	42%	61%	60%	72%	39%	24%	15%	12%
Middle East	14%	33%	32%	50%	63%	44%	29%	26%
Oceania and at Sea	18%	31%	42%	49%	43%	35%	12%	9.6%
South & Centeral Asia	16%	36%	33%	57%	52%	35%	18%	13%
South East Asia	14%	33%	29%	48%	53%	38%	23%	18%
Sub-Saharan Africa	20%	37%	36%	51%	51%	35%	22%	16%
United States	15%	33%	30%	40%	55%	38%	34%	30%
Western Europe	17%	36%	30%	43%	44%	25%	24%	21%
Disability	8.6%	20%	20%	26%	71%	58%	53%	51%
Cultural clusters								
African-Islamic	16%	35%	35%	53%	59%	42%	25%	20%
Catholic Europe	22%	41%	30%	44%	41%	23%	19%	17%
Confucian	18%	43%	32%	51%	44%	24%	15%	12%
English-speaking	15%	33%	30%	40%	55%	38%	34%	30%
Latin America	41%	60%	60%	71%	40%	24%	15%	12%
Orthodox	17%	37%	36%	52%	55%	39%	23%	19%
Protestant Europe	15%	35%	29%	42%	47%	28%	27%	23%
South Asian	14%	33%	29%	52%	56%	41%	21%	17%

Table 4: Uninsured/Medicaid Rate by Socio-Demographic Factors, Across Citizenship Status

Characteristic	Non-citizen		Naturalized-citizen		Citizen born abroad		Born in US states		Born in territories	
	Uninsured	Medicaid	Uninsured	Medicaid	Uninsured	Medicaid	Uninsured	Medicaid	Uninsured	Medicaid
	59%	23%	28%	39%	30%	35%	27%	42%	22%	52%
Sex										
Female	57%	26%	27%	41%	28%	38%	24%	45%	20%	57%
Male	62%	19%	30%	37%	32%	32%	30%	37%	27%	45%
Disability	42%	43%	17%	59%	19%	55%	16%	61%	11%	71%
Current employment status										
Employed	61%	18%	29%	33%	32%	26%	30%	29%	28%	36%
Not in labor force	56%	29%	24%	47%	24%	45%	20%	52%	15%	65%
Unemployed	64%	25%	40%	39%	45%	33%	44%	39%	37%	49%
Married	59%	22%	27%	39%	27%	33%	24%	36%	21%	47%
Education										
College degree	48%	19%	25%	32%	24%	26%	21%	27%	22%	33%
Graduate and beyond	35%	15%	22%	27%	20%	21%	17%	22%	22%	28%
High school	59%	22%	30%	39%	33%	37%	29%	43%	24%	52%
Less than high school	63%	23%	30%	44%	38%	41%	30%	52%	20%	65%

Characteristic	Non-citizen		Naturalized-citizen		Citizen born abroad		Born in US states		Born in territories	
	Uninsured 59%	Medicaid 23%	Uninsured 28%	Medicaid 39%	Uninsured 30%	Medicaid 35%	Uninsured 27%	Medicaid 42%	Uninsured 22%	Medicaid 52%
Some college or Associate degree	51%	23%	26%	39%	27%	36%	25%	41%	23%	46%
Race/ethnicity										
Asian	35%	30%	22%	41%	25%	35%	22%	31%	21%	30%
Black	46%	25%	28%	37%	29%	36%	26%	47%	33%	35%
Hispanic	64%	21%	33%	37%	38%	32%	30%	43%	22%	54%
Other	43%	27%	25%	42%	27%	39%	31%	48%	21%	44%
White	41%	27%	23%	43%	27%	35%	26%	40%	27%	38%
Federal poverty										
Income 100 to 138% poverty	57%	20%	27%	34%	27%	29%	25%	34%	23%	40%
Income below 100% poverty	61%	24%	29%	42%	31%	38%	28%	46%	22%	58%
Lifetime in US							NA%	NA%		
<25%	58%	21%	28%	42%	33%	33%			24%	51%
>25%	60%	23%	28%	39%	29%	35%			22%	53%
Self-rated English proficiency										
Not at all	65%	25%	31%	50%	44%	37%	49%	35%	18%	69%
Not well	63%	23%	29%	47%	42%	34%	36%	41%	21%	63%
Only english	48%	23%	26%	32%	27%	36%	26%	42%	26%	42%
Very well	50%	22%	27%	35%	31%	33%	31%	42%	23%	48%
Well	59%	21%	28%	40%	35%	35%	37%	40%	22%	53%
Cultural clusters										
African-Islamic	38%	35%	23%	50%	26%	40%				
Catholic Europe	43%	25%	24%	32%	27%	32%				
Confucian	37%	26%	24%	37%	25%	34%				
English-speaking	34%	23%	22%	31%	28%	35%	27%	42%	22%	52%
Latin America	63%	21%	32%	36%	36%	32%				
Orthodox	40%	35%	23%	47%	26%	35%				
Protestant Europe	34%	23%	21%	32%	28%	37%				
South Asian	33%	35%	22%	45%	23%	38%				
Country/Region of birth										
Canada	31%	21%	24%	29%	30%	34%				
Eastern Asia	37%	25%	24%	37%	25%	34%				
Eastern Europe	46%	29%	25%	42%	29%	33%				
Latin America	64%	21%	33%	36%	38%	31%				
Middle East	35%	41%	21%	54%	23%	44%				
Oceania and at Sea	32%	30%	17%	42%	32%	28%				
South & Central Asia	37%	27%	23%	43%	23%	43%				
South East Asia	33%	37%	21%	44%	25%	36%				
Sub-Saharan Africa	41%	29%	24%	43%	28%	32%				
Western Europe	36%	24%	23%	32%	28%	36%				
United States							27%	42%	22%	52%

[1] %