

# Descriptive

Shadi

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**Table 1: Baseline Characteristics for states**

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Table 1: Baseline Comparison of States

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

<sup>1</sup> Mean (SD)

<sup>2</sup>  $p < 0.05$ ;  $p < 0.01$ ;  $p < 0.001$

**Table 2: Baseline Characteristics by Nativity**

Table 2 provides a comprehensive summary of the demographic characteristics, insurance rates, and Medicaid coverage of the low-income adult sample prior to the implementation of the Affordable Care Act. It includes the pre-expansion means for age and proportions of various variables, specifically distinguishing between foreign-born and US-born individuals in states that expanded their Medicaid later and non-expansion states that did not expand their Medicaid until 2019.

Significant differences were observed across all demographic characteristics between foreign-born and US-born adults. However, while substantial disparities were found between native and foreign-born individuals in both expansion and non-expansion states, the discrepancies between native-born individuals in expansion and non-expansion states were relatively smaller in magnitude. The same trend was observed for foreign-born individuals.

For example, in the expansion state, the proportion of foreign-born individuals who identified as Hispanic was 68%, compared to 76% in non-expansion states. This reveals that the non-expansion states had approximately 6.7% more foreign-born Hispanics compared to the expansion state. Additionally, the proportion of US-born Hispanics in the expansion state was 11%, while this population was only 1% lower in non-expansion states. Notably, within both expansion and non-expansion states, the disparities between foreign-born and US-born individuals were more pronounced. Specifically, approximately 66% of the foreign-born population in the expansion state identified as Hispanic, while only 9.7% of the US-born population shared this heritage, resulting in a significant difference of about 57%.

Table 2: Baseline Characteristics by Nativity

Characteristic	expansion			Non-expansion		
	Foregin-born, 11592215	US-born, 34946509	p-value	Foregin-born, 7113051	US-born, 26041282	p-value
<b>Uninsured</b>	6,473,288 (56%)	11,893,979 (34%)	<0.001***	4,995,253 (70%)	10,833,686 (42%)	<0.001***
<b>Medicaid coverage</b>	2,880,034 (25%)	13,241,734 (38%)	<0.001***	871,138 (12%)	7,688,863 (30%)	<0.001***
<b>Age</b>	41 (34, 50)	43 (33, 53)	<0.001***	40 (33, 49)	43 (33, 53)	<0.001***
<b>Sex</b>			<0.001***			<0.001***
Female	6,323,790 (55%)	19,813,110 (57%)		3,819,350 (54%)	15,057,504 (58%)	
Male	5,268,425 (45%)	15,133,399 (43%)		3,293,701 (46%)	10,983,778 (42%)	
<b>Disability</b>	1,136,618 (9.8%)	9,432,288 (27%)	<0.001***	663,792 (9.3%)	7,060,627 (27%)	<0.001***
<b>Current employment status</b>			<0.001***			<0.001***
Employed	6,188,727 (53%)	13,125,180 (38%)		4,037,034 (57%)	10,335,124 (40%)	
Not in labor force	4,083,199 (35%)	16,444,592 (47%)		2,376,172 (33%)	11,975,810 (46%)	
Unemployed	1,320,289 (11%)	5,376,737 (15%)		699,845 (9.8%)	3,730,348 (14%)	
<b>Marital status</b>	6,457,264 (56%)	9,635,900 (28%)	<0.001***	4,094,355 (58%)	8,063,391 (31%)	<0.001***
<b>Education</b>			<0.001***			<0.001***
College degree	797,858 (6.9%)	2,860,619 (8.2%)		470,230 (6.6%)	1,884,546 (7.2%)	
Graduate and beyond	319,853 (2.8%)	994,271 (2.8%)		172,679 (2.4%)	577,787 (2.2%)	
High school	2,822,810 (24%)	12,647,283 (36%)		1,833,018 (26%)	9,500,208 (36%)	
Less than high school	5,866,533 (51%)	6,839,940 (20%)		3,557,536 (50%)	5,819,385 (22%)	
Some college or Associate degree	1,785,161 (15%)	11,604,396 (33%)		1,079,588 (15%)	8,259,356 (32%)	
<b>Race/ethnicity</b>			<0.001***			<0.001***
Asian	1,704,788 (15%)	264,742 (0.8%)		518,213 (7.3%)	54,950 (0.2%)	
Black	501,427 (4.3%)	6,817,804 (20%)		563,959 (7.9%)	7,362,213 (28%)	
Hispanic	7,914,764 (68%)	3,998,364 (11%)		5,382,119 (76%)	2,731,265 (10%)	
Other	207,897 (1.8%)	1,512,924 (4.3%)		106,083 (1.5%)	838,658 (3.2%)	
White	1,263,339 (11%)	22,352,675 (64%)		542,677 (7.6%)	15,054,196 (58%)	
<b>Federal poverty</b>			<0.001***			<0.001***
Income 100 to 138% poverty	4,257,006 (37%)	10,820,459 (31%)		2,563,949 (36%)	8,447,926 (32%)	
Income below 100% poverty	7,335,209 (63%)	24,126,050 (69%)		4,549,102 (64%)	17,593,356 (68%)	
<b>Citizenship status</b>			<0.001***			<0.001***
Born in US states	0 (0%)	34,498,962 (99%)		0 (0%)	25,729,677 (99%)	
Born in US Territories	0 (0%)	447,547 (1.3%)		0 (0%)	311,605 (1.2%)	
Naturalized-citizen	3,527,306 (30%)	0 (0%)		1,870,512 (26%)	0 (0%)	
Non-citizen	7,709,364 (67%)	0 (0%)		4,975,148 (70%)	0 (0%)	
US-citizen Born abroad	355,545 (3.1%)	0 (0%)		267,391 (3.8%)	0 (0%)	
<b>Lifetime in US</b>			<0.001***			<0.001***
<25%	2,074,736 (18%)	104,908 (23%)		1,476,453 (21%)	108,020 (35%)	
>25%	9,517,479 (82%)	342,639 (77%)		5,636,598 (79%)	203,585 (65%)	
<b>Self-rated English proficiency</b>			<0.001***			<0.001***
Not at all	1,867,518 (16%)	67,420 (0.2%)		1,192,569 (17%)	64,202 (0.2%)	
Not well	3,749,138 (32%)	232,892 (0.7%)		2,211,497 (31%)	183,085 (0.7%)	
Only english	1,047,881 (9.0%)	31,537,870 (90%)		758,922 (11%)	23,561,819 (90%)	
Very well	2,307,127 (20%)	2,677,630 (7.7%)		1,436,201 (20%)	1,883,887 (7.2%)	
Well	2,620,551 (23%)	430,697 (1.2%)		1,513,862 (21%)	348,289 (1.3%)	
<b>Cultural clusters</b>			<0.001***			<0.001***
African-Islamic	881,988 (7.6%)	0 (0%)		354,779 (5.0%)	0 (0%)	
Catholic Europe	211,276 (1.8%)	0 (0%)		68,188 (1.0%)	0 (0%)	
Confucian	719,929 (6.2%)	0 (0%)		172,880 (2.4%)	0 (0%)	
English-speaking	228,492 (2.0%)	34,946,509 (100%)		118,375 (1.7%)	26,041,282 (100%)	
Latin America	8,399,447 (72%)	0 (0%)		5,924,207 (83%)	0 (0%)	
Orthodox	257,099 (2.2%)	0 (0%)		70,909 (1.0%)	0 (0%)	
Protestant Europe	150,035 (1.3%)	0 (0%)		129,210 (1.8%)	0 (0%)	
South Asian	743,949 (6.4%)	0 (0%)		274,503 (3.9%)	0 (0%)	
<b>Country/Region of birth</b>			<0.001***			<0.001***
Canada	87,977 (0.8%)	0 (0%)		50,896 (0.7%)	0 (0%)	

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

Characteristic	expansion			Non-expansion		
	Foregin-born, 11592215	US-born, 34946509	p-value	Foregin-born, 7113051	US-born, 26041282	p-value
Eastern Asia	586,211 (5.1%)	0 (0%)		145,699 (2.0%)	0 (0%)	
Eastern Europe	273,831 (2.4%)	0 (0%)		72,756 (1.0%)	0 (0%)	
Latin America	8,152,177 (70%)	0 (0%)		5,872,570 (83%)	0 (0%)	
Middle East	442,380 (3.8%)	0 (0%)		129,256 (1.8%)	0 (0%)	
Oceania and at Sea	67,785 (0.6%)	0 (0%)		16,732 (0.2%)	0 (0%)	
South & Central Asia	307,477 (2.7%)	0 (0%)		138,250 (1.9%)	0 (0%)	
South East Asia	954,859 (8.2%)	0 (0%)		279,316 (3.9%)	0 (0%)	
Sub-Saharan Africa	338,734 (2.9%)	0 (0%)		158,722 (2.2%)	0 (0%)	
United States	0 (0%)	34,946,509 (100%)		0 (0%)	26,041,282 (100%)	
Western Europe	380,784 (3.3%)	0 (0%)		248,854 (3.5%)	0 (0%)	
<sup>1</sup> n (%); Median (IQR)						
<sup>2</sup> $p < 0.05$ ; $p < 0.01$ ; $p < 0.001$						

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__								
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%

(continued)

Characteristic	Uninsured Rate				Medicaid Coverage			
	Expansion		Non-expansion		Expansion		Non-expansion	
	Pre	Post	Pre	Post	Pre	Post	Pre	Post
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 & Central 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 Coverage Rate by Socio-Demographic Factors, Across Citizenship Status

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 59%	Medicaid 23%	Uninsured 28%	Medicaid 39%	Uninsured 30%	Medicaid 35%	Uninsured 27%	Medicaid 42%	Uninsured 22%	Medicaid 52%
<b>Sex</b>										
Female	57%	26%	27%	41%	28%	38%	24%	45%	20%	57%
Male	62%	19%	30%	37%	32%	32%	30%	37%	27%	45%
<b>Disability</b>	42%	43%	17%	59%	19%	55%	16%	61%	11%	71%
<b>Current employment status</b>										
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%
<b>Married</b>	59%	22%	27%	39%	27%	33%	24%	36%	21%	47%
<b>Education</b>										
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%
Some college or Associate degree	51%	23%	26%	39%	27%	36%	25%	41%	23%	46%
<b>Race/ethnicity</b>										
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%
<b>Federal poverty</b>										
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%
<b>Lifetime in US</b>										
<25%	58%	21%	28%	42%	33%	33%	NA%	NA%	24%	51%
>25%	60%	23%	28%	39%	29%	35%	NA%	NA%	22%	53%
<b>Self-rated English proficiency</b>										
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%

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

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%
Very well	50%	22%	27%	35%	31%	33%	31%	42%	23%	48%
Well	59%	21%	28%	40%	35%	35%	37%	40%	22%	53%
<b>Cultural clusters</b>										
African-Islamic	38%	35%	23%	50%	26%	40%	NA%	NA%	NA%	NA%
Catholic Europe	43%	25%	24%	32%	27%	32%	NA%	NA%	NA%	NA%
Confucian	37%	26%	24%	37%	25%	34%	NA%	NA%	NA%	NA%
English-speaking	34%	23%	22%	31%	28%	35%	27%	42%	22%	52%
Latin America	63%	21%	32%	36%	36%	32%	NA%	NA%	NA%	NA%
Orthodox	40%	35%	23%	47%	26%	35%	NA%	NA%	NA%	NA%
Protestant Europe	34%	23%	21%	32%	28%	37%	NA%	NA%	NA%	NA%
South Asian	33%	35%	22%	45%	23%	38%	NA%	NA%	NA%	NA%
<b>Country/Region of birth</b>										
Canada	31%	21%	24%	29%	30%	34%	NA%	NA%	NA%	NA%
Eastern Asia	37%	25%	24%	37%	25%	34%	NA%	NA%	NA%	NA%
Eastern Europe	46%	29%	25%	42%	29%	33%	NA%	NA%	NA%	NA%
Latin America	64%	21%	33%	36%	38%	31%	NA%	NA%	NA%	NA%
Middle East	35%	41%	21%	54%	23%	44%	NA%	NA%	NA%	NA%
Oceania and at Sea	32%	30%	17%	42%	32%	28%	NA%	NA%	NA%	NA%
South & Central	37%	27%	23%	43%	23%	43%	NA%	NA%	NA%	NA%
Asia										
South East Asia	33%	37%	21%	44%	25%	36%	NA%	NA%	NA%	NA%
Sub-Saharan Africa	41%	29%	24%	43%	28%	32%	NA%	NA%	NA%	NA%
United States	NA%	NA%	NA%	NA%	NA%	NA%	27%	42%	22%	52%
Western Europe	36%	24%	23%	32%	28%	36%	NA%	NA%	NA%	NA%