

**Table S1.** Population Characteristics Variable Descriptions

<b>Gender</b>	Female, male
<b>Race</b>	Black, white, other ()
<b>Ethnicity</b>	Hispanic, Non-Hispanic
<b>Age</b>	< 19, 19-45, 45-65, and > 65 years old
<b>Marital Status</b>	Married, single
<b>Education</b>	Highest degree obtained High school diploma or below, some college, Bachelor's or above
<b>Healthcare Insurance</b>	Public, private, none, other ()
<b>Self-Rated Health</b>	Self-reported overall health Poor, fair, good (includes very good and excellent)
<b>Income</b>	Total combined family income for the past 12 months ≥ \$40,000, < \$40,000
<b>First Time Infection</b>	Is this a first-time infection? Yes, No
<b>Crowding Life Environment</b>	Do they live, work, or spend time in a crowded environment, such as a bedroom with at least one other person, dormitory, prison, daycare center, nursing home, contact sports, or international travel in the past month? Yes, No
<b>Healthcare Exposure</b>	Have they worked or spent time in a healthcare facility or correctional facility in the past month? Yes, No
<b>Contact Animal</b>	Have they worked or spent time with animals (including pets) in the past month? Yes, No
<b>Had Wounds</b>	Have they had surgery or a wound in the past month? Yes, No
<b>Social Network</b>	Does anyone in their household have a risk factor for <i>S. aureus</i> infection, such as recent surgery, work in the healthcare field, or recent SSTI in the past month? Yes, No
<b>Household Crowding</b>	Number of people (excluding newborns) that live in a household <2 people, ≥2 People
<b>Personal Hygiene</b>	Do they share personal hygiene products (towels, unwashed clothes, razors) with another person or re-wear clothing? Yes, No
<b>Washing Hands</b>	How many times a day do they wash their hands? < 10 times/day, > 10 times/day

Table S2. MRSA v MSSA in all study population.

	MRSA (N=67)	MSSA (N=60)	Total (N=127)	P-value
<b>Gender, n (%)</b>				0.10 <sup>†</sup>
Female	32 (47.8%)	20 (33.3%)	52 (40.9%)	
Male	35 (52.2%)	40 (66.7%)	75 (59.1%)	
<b>Race, n (%)</b>				0.98 <sup>†</sup>
Black	15 (36.6%)	15 (37.5%)	30 (37.0%)	
White	12 (29.3%)	11 (27.5%)	23 (28.4%)	
Other Race	14 (34.1%)	14 (35.0%)	28 (34.6%)	
Missing	26	20	46	
<b>Ethnicity, n (%)</b>				0.78 <sup>†</sup>
Hispanic	43 (67.2%)	33 (64.7%)	76 (66.1%)	
Non-Hispanic	21 (32.8%)	18 (35.3%)	39 (33.9%)	
Missing	3	9	12	
<b>Age (Years), n (%)</b>				0.37 <sup>†</sup>
< 19	6 (9.0%)	4 (6.7%)	10 (7.9%)	
19-45	43 (64.2%)	31 (51.7%)	74 (58.3%)	
45-65	16 (23.9%)	22 (36.7%)	38 (29.9%)	
> 65	2 (3.0%)	3 (5.0%)	5 (3.9%)	
<b>Birthplace, n (%)</b>				0.11 <sup>†</sup>
US Born	47 (70.1%)	34 (56.7%)	81 (63.8%)	
Non-US Born	20 (29.9%)	26 (43.3%)	46 (36.2%)	
<b>Marital Status, n (%)</b>				0.77 <sup>†</sup>
Couple	24 (36.4%)	20 (33.9%)	44 (35.2%)	
Single	42 (63.6%)	39 (66.1%)	81 (64.8%)	
Missing	1	1	2	
<b>Education, n (%)</b>				0.43 <sup>†</sup>
High School or lower	41 (62.1%)	43 (72.9%)	84 (67.2%)	
College	15 (22.7%)	9 (15.3%)	24 (19.2%)	
Bachelor or higher	10 (15.2%)	7 (11.9%)	17 (13.6%)	
Missing	1	1	2	
<b>Health Insurance, n (%)</b>				0.68 <sup>†</sup>
Private or Other	14 (21.2%)	10 (16.9%)	24 (19.2%)	
Public (Medicare or Medicaid)	39 (59.1%)	34 (57.6%)	73 (58.4%)	
None	13 (19.7%)	15 (25.4%)	28 (22.4%)	
Missing	1	1	2	
<b>Health Quality, n (%)</b>				0.79 <sup>†</sup>
Good	44 (69.8%)	38 (64.4%)	82 (67.2%)	
Fair	16 (25.4%)	17 (28.8%)	33 (27.0%)	
Poor	3 (4.8%)	4 (6.8%)	7 (5.7%)	
Missing	4	1	5	

<b>Income, n (%)</b>				0.58 <sup>†</sup>
≥\$40,000	5 (10.0%)	6 (13.6%)	11 (11.7%)	
< \$40,000	45 (90.0%)	38 (86.4%)	83 (88.3%)	
Missing	17	16	33	
<b>First Time Infection, n (%)</b>				0.58 <sup>†</sup>
No	18 (28.6%)	14 (24.1%)	32 (26.4%)	
Yes	45 (71.4%)	44 (75.9%)	89 (73.6%)	
Missing	4	2	6	
<b>Crowding Life Environment, n (%)</b>				0.03 <sup>†</sup>
Yes	46 (76.7%)	34 (57.6%)	80 (67.2%)	
No	14 (23.3%)	25 (42.4%)	39 (32.8%)	
Missing	7	1	8	
<b>Healthcare Exposure, n (%)</b>				0.80 <sup>†</sup>
Yes	21 (34.4%)	22 (36.7%)	43 (35.5%)	
No	40 (65.6%)	38 (63.3%)	78 (64.5%)	
Missing	6	0	6	
<b>Animal Contact, n (%)</b>				0.08 <sup>†</sup>
Yes	26 (41.9%)	44 (73.3%)	80 (65.6%)	
No	36 (58.1%)	16 (26.7%)	42 (34.4%)	
Missing	5	0	5	
<b>Had Wounds, n (%)</b>				0.08 <sup>†</sup>
Yes	16 (25.4%)	24 (40.0%)	40 (32.5%)	
No	47 (74.6%)	36 (60.0%)	83 (67.5%)	
Missing	4	0	4	
<b>Social Network, n (%)</b>				0.40 <sup>†</sup>
Yes	15 (24.6%)	11 (18.3%)	26 (21.5%)	
No	46 (75.4%)	49 (81.7%)	95 (78.5%)	
Missing	6	0	6	
<b>Household Crowding, n (%)</b>				0.94 <sup>†</sup>
<2 People	17 (30.9%)	16 (30.2%)	33 (30.6%)	
>2 People	38 (69.1%)	37 (69.8%)	75 (69.4%)	
Missing	12	7	19	
<b>Personal Hygiene, n (%)</b>				0.06 <sup>†</sup>
Not Sharing	29 (52.7%)	18 (34.6%)	47 (43.9%)	
Sharing	26 (47.3%)	34 (65.4%)	60 (56.1%)	
Missing	12	8	20	
<b>Hand Washing, n (%)</b>				0.11 <sup>†</sup>
<10 Times/Day	40 (63.5%)	46 (76.7%)	86 (69.9%)	
>10 Times/Day	23 (36.5%)	14 (23.3%)	37 (30.1%)	
Missing	4	0	4	
<b><i>S. aureus</i> Genotype, n (%)</b>				0.0001 <sup>†</sup>
USA300	39 (58.2%)	12 (20.0%)	51 (40.2%)	

Non-USA300	28 (41.8%)	48 (80.0%)	76 (59.8%)	
<b>mecA Gene from <i>S. aureus</i> Wound, n (%)</b>				<.0001 <sup>1</sup>
Positive	60 (90.9%)	0 (0.0%)	60 (48.8%)	
Negative	6 (9.1%)	53 (93.0%)	59 (48.0%)	
Not Determined	0 (0.0%)	4 (7.0%)	4 (3.3%)	
Missing	1	3	4	
<b>ACME Gene from <i>S. aureus</i> Wound, n (%)</b>				<.0001 <sup>1</sup>
Negative	27 (40.9%)	51 (89.5%)	78 (63.4%)	
Type I	38 (57.6%)	2 (3.5%)	40 (32.5%)	
Type III	1 (1.5%)	0 (0.0%)	1 (0.8%)	
Not Determined	0 (0.0%)	4 (7.0%)	4 (3.3%)	
Missing	1	3	4	
<b>SCCmec Gene from <i>S. aureus</i> Wound, n (%)</b>				<.0001 <sup>1</sup>
Negative	1 (1.5%)	1 (1.8%)	2 (1.6%)	
IVa	52 (78.8%)	0 (0.0%)	52 (42.3%)	
IVb	1 (1.5%)	0 (0.0%)	1 (0.8%)	
IVc	3 (4.5%)	0 (0.0%)	3 (2.4%)	
IVg	1 (1.5%)	0 (0.0%)	1 (0.8%)	
IVh	1 (1.5%)	0 (0.0%)	1 (0.8%)	
Not Determined	5 (7.6%)	56 (98.2%)	61 (49.6%)	
Novel Type	2 (3.0%)	0 (0.0%)	2 (1.6%)	
Missing	1	3	4	
<b>PVL Gene from <i>S. aureus</i> Wound, n (%)</b>				0.0001 <sup>1</sup>
Positive	50 (75.8%)	20 (35.1%)	70 (56.9%)	
Negative	16 (24.2%)	33 (57.9%)	49 (39.8%)	
Not Determined	0 (0.0%)	4 (7.0%)	4 (3.3%)	
Missing	1	3	4	

<sup>1</sup>Chi-Square p-value;

**Table S3.** USA300 v non-USA300 in all study population.

	<b>USA300 (n=51)</b>	<b>Non- USA300 (n=76)</b>	<b>Total (n=127)</b>	<b>P-value</b>
<b>Gender, n (%)</b>				0.68 <sup>1</sup>
Female	22 (43.1%)	30 (39.5%)	52 (40.9%)	
Male	29 (56.9%)	46 (60.5%)	75 (59.1%)	
<b>Race, n (%)</b>				0.84 <sup>1</sup>
Black	13 (40.6%)	17 (34.7%)	30 (37.0%)	
White	9 (28.1%)	14 (28.6%)	23 (28.4%)	
Other Race	10 (31.3%)	18 (36.7%)	28 (34.6%)	
Missing	19	27	46	
<b>Ethnicity, n (%)</b>				0.88 <sup>1</sup>
Hispanic	32 (65.3%)	44 (66.7%)	76 (66.1%)	
Non-Hispanic	17 (34.7%)	22 (33.3%)	39 (33.9%)	
Missing	2	10	12	
<b>Age (Years), n (%)</b>				0.91 <sup>1</sup>
< 19	3 (5.9%)	7 (9.2%)	10 (7.9%)	
19-45	31 (60.8%)	43 (56.6%)	74 (58.3%)	
45-65	15 (29.4%)	23 (30.3%)	38 (29.9%)	
> 65	2 (3.9%)	3 (3.9%)	5 (3.9%)	
<b>Birthplace, n (%)</b>				0.04 <sup>1</sup>
US Born	38 (74.5%)	43 (56.6%)	46 (35.2%)	
Non-US Born	13 (25.5%)	33 (43.4%)	81 (63.8%)	
<b>Marital Status, n (%)</b>				0.54 <sup>1</sup>
Couple	16 (32.0%)	28 (37.3%)	44 (35.2%)	
Single	34 (68.0%)	47 (62.7%)	81 (64.8%)	
Missing	1	1	2	
<b>Education, n (%)</b>				0.40 <sup>1</sup>
High School or lower	33 (66.0%)	51 (68.0%)	84 (67.2%)	
College	12 (24.0%)	12 (16.0%)	24 (19.2%)	
Bachelor or higher	5 (10.0%)	12 (16.0%)	17 (13.6%)	
Missing	1	1	2	
<b>Health Insurance, n (%)</b>				0.52 <sup>1</sup>
Private or Other	12 (24.0%)	12 (16.0%)	24 (19.2%)	
Public (Medicare or Medicaid)	28 (56.0%)	45 (60.0%)	73 (58.4%)	
None	10 (20.0%)	18 (24.0%)	28 (22.4%)	
Missing	1	1	2	
<b>Health Quality, n (%)</b>				0.58 <sup>1</sup>
Good	31 (63.3%)	51 (69.9%)	82 (67.2%)	
Fair	14 (28.6%)	19 (26.0%)	33 (27.0%)	
Poor	4 (8.2%)	3 (4.1%)	7 (5.7%)	

Missing	2	3	5	
<b>Income, n (%)</b>				0.66 <sup>1</sup>
≥\$40,000	4 (10.0%)	7 (13.0%)	11 (11.7%)	
< \$40,000	36 (90.0%)	47 (87.0%)	83 (88.3%)	
Missing	11	22	33	
<b>First Time Infection, n (%)</b>				0.66 <sup>1</sup>
No	14 (28.6%)	18 (25.0%)	32 (26.4%)	
Yes	35 (71.4%)	54 (75.0%)	89 (73.6%)	
Missing	2	4	6	
<b>Crowding Life Environment, n (%)</b>				0.10 <sup>1</sup>
Yes	35 (76.1%)	45 (61.6%)	80 (67.2%)	
No	11 (23.9%)	28 (38.4%)	39 (32.8%)	
Missing	5	3	8	
<b>Healthcare Exposure, n (%)</b>				0.51 <sup>1</sup>
Yes	15 (31.9%)	28 (37.8%)	43 (35.5%)	
No	32 (68.1%)	46 (62.2%)	78 (64.5%)	
Missing	4	2	6	
<b>Animal Contact, n (%)</b>				0.03 <sup>1</sup>
Yes	22 (45.8%)	20 (27.0%)	42 (34.4%)	
No	26 (54.2%)	54 (73.0%)	80 (65.6%)	
Missing	3	2	5	
<b>Had Wounds, n (%)</b>				0.25 <sup>1</sup>
Yes	13 (26.5%)	27 (36.5%)	40 (32.5%)	
No	36 (73.5%)	47 (63.5%)	83 (67.5%)	
Missing	2	2	4	
<b>Social Network, n (%)</b>				0.30 <sup>1</sup>
Yes	8 (16.7%)	18 (24.7%)	26 (21.5%)	
No	40 (83.3%)	55 (75.3%)	95 (78.5%)	
Missing	3	3	6	
<b>Household Crowding, n (%)</b>				0.18 <sup>1</sup>
<2 People	10 (23.3%)	23 (35.4%)	33 (30.6%)	
>2 People	33 (76.7%)	42 (64.6%)	75 (69.4%)	
Missing	8	11	19	
<b>Personal Hygiene, n (%)</b>				0.10 <sup>1</sup>
Not Sharing	23 (53.5%)	24 (37.5%)	47 (43.9%)	
Sharing	20 (46.5%)	40 (62.5%)	60 (56.1%)	
Missing	8	12	20	
<b>Hand Washing, n (%)</b>				0.92 <sup>1</sup>
<10 Times/Day	34 (69.4%)	52 (70.3%)	86 (69.9%)	
>10 Times/Day	15 (30.6%)	22 (29.7%)	37 (30.1%)	
Missing	2	2	4	
<b>mecA Gene from <i>S. aureus</i> Wound, n (%)</b>				<0.0001 <sup>1</sup>

Positive	39 (78.0%)	21 (28.8%)	60 (48.8%)
Negative	11 (22.0%)	48 (65.8%)	59 (48.0%)
Not Determined	0 (0.0%)	4 (5.5%)	4 (3.3%)
Missing	1	3	4
<b>ACME Gene from <i>S. aureus</i> Wound, n (%)</b>			<0.0001 <sup>1</sup>
Negative	14 (28.0%)	64 (87.7%)	78 (63.4%)
Type I	35 (70.0%)	5 (6.8%)	40 (32.5%)
Type III	1 (2.0%)	0 (0.0%)	1 (0.8%)
Not Determined	0 (0.0%)	4 (5.5%)	4 (3.3%)
Missing	1	3	4
<b>SCCmec Gene from <i>S. aureus</i> Wound, n (%)</b>			<0.0001 <sup>1</sup>
Negative	1 (2.0%)	1 (1.4%)	2 (1.6%)
IVa	38 (76.0%)	14 (19.2%)	52 (42.3%)
IVb	0 (0.0%)	1 (1.4%)	1 (0.8%)
IVc	1 (2.0%)	2 (2.7%)	3 (2.4%)
IVg	0 (0.0%)	1 (1.4%)	1 (0.8%)
IVh	0 (0.0%)	1 (1.4%)	1 (0.8%)
Not Determined	10 (20.0%)	51 (69.9%)	61 (49.6%)
Novel Type	0 (0.0%)	2 (2.7%)	2 (1.6%)
Missing	1	3	4
<b>PVL Gene from <i>S. aureus</i> Wound, n (%)</b>			<0.0001 <sup>1</sup>
Positive	41 (82.0%)	29 (39.7%)	70 (56.9%)
Negative	9 (18.0%)	40 (54.8%)	49 (39.8%)
Not Determined	0 (0.0%)	4 (5.5%)	4 (3.3%)
Missing	1	3	4

<sup>1</sup>Chi-Square p-value

**Table S4.** Population Characteristics of patients with *S. aureus* isolated from wound cultures.

	MRSA				MSSA			
	US Born (N=47)	Non- US Born (N=20)	Total (N=67)	P- value	US Born (N=34)	Non- US Born (N=26)	Total (N=61)	P- value
<b>Gender, n (%)</b>	0.77 <sup>1</sup>				0.85 <sup>1</sup>			
Female	23 (48.9%)	9 (45.0%)	32 (47.8%)		11 (32.4%)	9 (34.6%)	20 (33.3%)	
Male	24 (51.1%)	11 (55.0%)	35 (52.2%)		23 (67.6%)	17 (65.4%)	40 (66.7%)	
<b>Race, n (%)</b>	0.009 <sup>2</sup>				0.24 <sup>1</sup>			
Black	15 (45.5%)	0 (0.0%)	15 (36.6%)		12 (46.2%)	3 (21.4%)	15 (37.5%)	
White	10 (30.3%)	2 (25.0%)	12 (29.3%)		7 (26.9%)	4 (28.6%)	11 (27.5%)	
Other	8 (24.2%)	6 (75.0%)	14 (34.1%)		7 (26.9%)	7 (50.0%)	14 (35.0%)	
Missing	14	12	26		8	12	20	
<b>Ethnicity, n (%)</b>	0.06 <sup>1</sup>				0.04 <sup>1</sup>			
Hispanic	27 (60.0%)	16 (84.2%)	43 (67.2%)		16 (53.3%)	17 (81.0%)	33 (64.7%)	
Non-Hispanic	18 (40.0%)	3 (15.8%)	21 (32.8%)		14 (46.7%)	4 (19.0%)	18 (35.3%)	
Missing	2	1	3		4	5	9	
<b>Age, n (%)</b>	0.35 <sup>2</sup>				0.11 <sup>2</sup>			
<19 Years	6 (12.8%)	0 (0.0%)	6 (9.0%)		4 (11.8%)	0 (0.0%)	4 (6.7%)	
19-45 Years	28 (59.6%)	15 (75.0%)	43 (64.2%)		15 (44.1%)	16 (61.5%)	31 (51.7%)	
45-65 Years	11 (23.4%)	5 (25.0%)	16 (23.9%)		12 (35.3%)	10 (38.5%)	22 (36.7%)	
> 65 Years	2 (4.3%)	0 (0.0%)	2 (3.0%)		3 (8.8%)	0 (0.0%)	3 (5.0%)	
<b>Marital Status, n (%)</b>	0.0006 <sup>1</sup>				0.0003 <sup>1</sup>			
Couple	11 (23.4%)	13 (68.4%)	24 (36.4%)		5 (14.7%)	15 (60.0%)	20 (33.9%)	
Single	36 (76.6%)	6 (31.6%)	42 (63.6%)		29 (85.3%)	10 (40.0%)	39 (66.1%)	
Missing	0	1	1		0	1	1	
<b>Education, n (%)</b>	0.003 <sup>2</sup>				0.14 <sup>2</sup>			
High School or Below	30 (63.8%)	11 (57.9%)	41 (62.1%)		24 (72.7%)	19 (73.1%)	43 (72.9%)	
College	14 (29.8%)	1 (5.3%)	15 (22.7%)		7 (21.2%)	2 (7.7%)	9 (15.3%)	

Bachelor or Above	3 (6.4%)	7 (36.8%)	10 (15.2%)	2 (6.1%)	5 (19.2%)	7 (11.9%)	
Missing	0	1	1	1	0	1	
<b>Health Insurance, n (%)</b>				0.001 <sup>1</sup>			0.002 <sup>1</sup>
Private or Other	10 (21.3%)	4 (21.1%)	14 (21.2%)	4 (11.8%)	6 (24.0%)	10 (16.9%)	
Public	33 (70.2%)	6 (31.6%)	39 (59.1%)	26 (76.5%)	8 (32.0%)	34 (57.6%)	
None	4 (8.5%)	9 (47.4%)	13 (19.7%)	4 (11.8%)	11 (44.0%)	15 (25.4%)	
Missing	0	1	1	0	1	1	
<b>Health Quality, n (%)</b>				0.25 <sup>2</sup>			0.92 <sup>2</sup>
Good	28 (63.6%)	16 (84.2%)	44 (69.8%)	22 (66.7%)	16 (61.5%)	38 (64.4%)	
Fair	13 (29.5%)	3 (15.8%)	16 (25.4%)	9 (27.3%)	8 (30.8%)	17 (28.8%)	
Poor	3 (6.8%)	0 (0.0%)	3 (4.8%)	2 (6.1%)	2 (7.7%)	4 (6.8%)	
Missing	3	1	4	1	0	1	
<b>Income, n (%)</b>				0.38 <sup>1</sup>			0.81 <sup>1</sup>
≥\$40,000	3 (7.9%)	2 (16.7%)	5 (10.0%)	3 (12.5%)	3 (15.0%)	6 (13.6%)	
< \$40,000	35 (92.1%)	10 (83.3%)	45 (90.0%)	21 (87.5%)	17 (85.0%)	38 (86.4%)	
Missing	9	8	17	10	6	16	
<b>First Time Infection, n (%)</b>				0.79 <sup>1</sup>			0.16 <sup>1</sup>
No	13 (29.5%)	5 (26.3%)	18 (28.6%)	10 (31.3%)	4 (15.4%)	14 (24.1%)	
Yes	31 (70.5%)	14 (73.7%)	45 (71.4%)	22 (68.8%)	22 (84.6%)	44 (75.9%)	
Missing	3	1	4	2	0	2	
<b>Crowding Life Environment, n (%)</b>				0.78 <sup>1</sup>			0.11 <sup>1</sup>
Yes	31 (75.6%)	15 (78.9%)	46 (76.7%)	16 (48.5%)	18 (69.2%)	34 (57.6%)	
no	10 (24.4%)	4 (21.1%)	14 (23.3%)	17 (51.5%)	8 (30.8%)	25 (42.4%)	
Missing	6	1	7	1	0	1	
<b>Healthcare Exposure, n (%)</b>				0.37 <sup>1</sup>			0.41 <sup>1</sup>
No	26 (61.9%)	14 (73.7%)	40 (65.6%)	20 (58.8%)	18 (69.2%)	38 (63.3%)	

Yes	16 (38.1%)	5 (26.3%)	21 (34.4%)	14 (41.2%)	8 (30.8%)	22 (36.7%)
Missing	5	1	6	0	0	0
<b>Contact Animal, n (%)</b>	0.27 <sup>1</sup>			0.58 <sup>1</sup>		
No	23 (53.5%)	13 (68.4%)	36 (58.1%)	24 (70.6%)	20 (76.9%)	44 (73.3%)
Yes	20 (46.5%)	6 (31.6%)	26 (41.9%)	10 (29.4%)	6 (23.1%)	16 (26.7%)
Missing	4	1	5	0	0	0
<b>Had Wounds, n (%)</b>	0.25 <sup>1</sup>			0.20 <sup>1</sup>		
No	31 (70.5%)	16 (84.2%)	47 (74.6%)	18 (52.9%)	18 (69.2%)	36 (60.0%)
Yes	13 (29.5%)	3 (15.8%)	16 (25.4%)	16 (47.1%)	8 (30.8%)	24 (40.0%)
Missing	3	1	4			
<b>Social Network, n (%)</b>	0.28 <sup>1</sup>			0.41 <sup>1</sup>		
No	30 (71.4%)	16 (84.2%)	46 (75.4%)	29 (85.3%)	20 (76.9%)	49 (81.7%)
Yes	12 (28.6%)	3 (15.8%)	15 (24.6%)	5 (14.7%)	6 (23.1%)	11 (18.3%)
Missing	5	1	6	0	0	0
<b>Household Crowding, n (%)</b>	0.08 <sup>1</sup>			0.57 <sup>1</sup>		
< 2 People	15 (37.5%)	2 (13.3%)	17 (30.9%)	10 (33.3%)	6 (26.1%)	16 (30.2%)
>2 People	25 (62.5%)	13 (86.7%)	38 (69.1%)	20 (66.7%)	17 (73.9%)	37 (69.8%)
Missing	7	5	12	4	3	7
<b>Personal Hygiene, n (%)</b>	0.06 <sup>1</sup>			0.98 <sup>1</sup>		
Not Sharing	18 (45.0%)	11 (73.3%)	29 (52.7%)	10 (34.5%)	8 (34.8%)	18 (34.6%)
Sharing	22 (55.0%)	4 (26.7%)	26 (47.3%)	19 (65.5%)	15 (65.2%)	34 (65.4%)
Missing	7	5	12	5	3	8
<b>Hand Washing, n (%)</b>	0.97 <sup>1</sup>			0.51 <sup>1</sup>		
<10 times/day	28 (63.6%)	12 (63.2%)	40 (63.5%)	25 (73.5%)	21 (80.8%)	46 (76.7%)
>10 times/day	16 (36.4%)	7 (36.8%)	23 (36.5%)	9 (26.5%)	5 (19.2%)	14 (23.3%)
Missing	3	1	4	0	0	0

<sup>1</sup>Chi-Square p-value; <sup>2</sup>Fisher Exact p-value

Table S5. Population Characteristics based on birthplace and USA300 Genotype.

	USA300			P-value	Non-USA300			P-value
	US Born (N=38)	Non-US Born (N=13)	Total (N=51)		US Born (N=43)	Non-US Born (N=33)	Total (N=76)	
<b>Gender, n (%)</b>				0.69 <sup>1</sup>				0.99 <sup>1</sup>
Female	17 (44.7%)	5 (38.5%)	22 (43.1%)		17 (39.5%)	13 (39.4%)	30 (39.5%)	
Male	21 (55.3%)	8 (61.5%)	29 (56.9%)		26 (60.5%)	20 (60.6%)	46 (60.5%)	
<b>Race, n (%)</b>				0.03 <sup>2</sup>				0.12 <sup>2</sup>
Black	13 (50.0%)	0 (0.0%)	13 (40.6%)		14 (42.4%)	3 (18.8%)	17 (34.7%)	
White	7 (26.9%)	2 (33.3%)	9 (28.1%)		10 (30.3%)	4 (25.0%)	14 (28.6%)	
Other	6 (23.1%)	4 (66.7%)	10 (31.3%)		9 (27.3%)	9 (56.3%)	18 (36.7%)	
Missing	12	7	19		10	17	27	
<b>Ethnicity, n (%)</b>				0.50 <sup>2</sup>				0.01 <sup>2</sup>
Hispanic	22 (61.1%)	10 (76.9%)	32 (65.3%)		21 (53.8%)	23 (85.2%)	44 (66.7%)	
Non-Hispanic	14 (38.9%)	3 (23.1%)	17 (34.7%)		18 (46.2%)	4 (14.8%)	22 (33.3%)	
Missing	2	0	2		4	6	10	
<b>Age, n (%)</b>				0.93 <sup>2</sup>				0.02 <sup>2</sup>
<19 Years	3 (7.9%)	0 (0.0%)	3 (5.9%)		7 (16.3%)	0 (0.0%)	7 (9.2%)	
19-45 Years	22 (57.9%)	9 (69.2%)	31 (60.8%)		21 (48.8%)	22 (66.7%)	43 (56.6%)	
45-65 Years	11 (28.9%)	4 (30.8%)	15 (29.4%)		12 (27.9%)	11 (33.3%)	23 (30.3%)	
> 65 Years	2 (5.3%)	0 (0.0%)	2 (3.9%)		3 (7.0%)	0 (0.0%)	3 (3.9%)	
<b>Marital Status, n (%)</b>				0.01 <sup>2</sup>				0.0001 <sup>1</sup>

Couple	8 (21.1%)	8 (66.7%)	16 (32.0%)	8 (18.6%)	20 (62.5%)	28 (37.3%)	
Single	30 (78.9%)	4 (33.3%)	34 (68.0%)	35 (81.4%)	12 (37.5%)	47 (62.7%)	
Missing	0	1	1	0	1	1	
<b>Education, n (%)</b>						0.03 <sup>2</sup>	0.03 <sup>2</sup>
High School or Below	24 (63.2%)	9 (75.0%)	33 (66.0%)	30 (71.4%)	21 (63.6%)	51 (68.0%)	
College	12 (31.6%)	0 (0.0%)	12 (24.0%)	9 (21.4%)	3 (9.1%)	12 (16.0%)	
Bachelor or Above	2 (5.3%)	3 (25.0%)	5 (10.0%)	3 (7.1%)	9 (27.3%)	12 (16.0%)	
Missing	0	1	1	1	0	1	
<b>Healthcare Insurance, n (%)</b>						0.0004 <sup>2</sup>	0.002 <sup>1</sup>
Private or other	9 (23.7%)	3 (25.0%)	12 (24.0%)	5 (11.6%)	7 (21.9%)	12 (16.0%)	
Public	26 (68.4%)	2 (16.7%)	28 (56.0%)	33 (76.7%)	12 (37.5%)	45 (60.0%)	
none	3 (7.9%)	7 (58.3%)	10 (20.0%)	5 (11.6%)	13 (40.6%)	18 (24.0%)	
Missing	0	1	1	0	1	1	
<b>Self-Rated Health, n (%)</b>						0.68 <sup>2</sup>	0.83 <sup>2</sup>
Fair	11 (29.7%)	3 (25.0%)	14 (28.6%)	11 (27.5%)	8 (24.2%)	19 (26.0%)	
Good	22 (59.5%)	9 (75.0%)	31 (63.3%)	28 (70.0%)	23 (69.7%)	51 (69.9%)	
Poor	4 (10.8%)	0 (0.0%)	4 (8.2%)	1 (2.5%)	2 (6.1%)	3 (4.1%)	
Missing	1	1	2	3	0	3	
<b>Income, n (%)</b>						0.21 <sup>2</sup>	1.00 <sup>2</sup>
=>\$40,000	2 (6.5%)	2 (22.2%)	4 (10.0%)	4 (12.9%)	3 (13.0%)	7 (13.0%)	
< \$40,000	29 (93.5%)	7 (77.8%)	36 (90.0%)	27 (87.1%)	20 (87.0%)	47 (87.0%)	

Missing	7	4	11	12	10	22	
<b>First Time Infection, n (%)</b>				0.47 <sup>2</sup>			0.49 <sup>1</sup>
No	12 (32.4%)	2 (16.7%)	14 (28.6%)	11 (28.2%)	7 (21.2%)	18 (25.0%)	
Yes	25 (67.6%)	10 (83.3%)	35 (71.4%)	28 (71.8%)	26 (78.8%)	54 (75.0%)	
Missing	1	1	2	4	0	4	
<b>Crowding Life Environment, n (%)</b>				0.70 <sup>2</sup>			0.20 <sup>1</sup>
Yes	25 (73.5%)	10 (83.3%)	35 (76.1%)	22 (55.0%)	23 (69.7%)	45 (61.6%)	
No	9 (26.5%)	2 (16.7%)	11 (23.9%)	18 (45.0%)	10 (30.3%)	28 (38.4%)	
Missing	4	1	5	3	0	3	
<b>Healthcare Exposure, N (%)</b>				0.73 <sup>2</sup>			0.23 <sup>1</sup>
Yes	12 (34.3%)	3 (25.0%)	15 (31.9%)	18 (43.9%)	10 (30.3%)	28 (37.8%)	
No	23 (65.7%)	9 (75.0%)	32 (68.1%)	23 (56.1%)	23 (69.7%)	46 (62.2%)	
Missing	3	1	4	2	0	2	
<b>Contact Animal, n (%)</b>				0.74 <sup>1</sup>			0.12 <sup>1</sup>
Yes	16 (44.4%)	6 (50.0%)	22 (45.8%)	14 (34.1%)	6 (18.2%)	20 (27.0%)	
No	20 (55.6%)	6 (50.0%)	26 (54.2%)	27 (65.9%)	27 (81.8%)	54 (73.0%)	
Missing	2	1	3	2	0	2	
<b>Had Wounds, n (%)</b>				0.47 <sup>2</sup>			0.14 <sup>1</sup>
Yes	11 (29.7%)	2 (16.7%)	13 (26.5%)	18 (43.9%)	9 (27.3%)	27 (36.5%)	
No	26 (70.3%)	10 (83.3%)	36 (73.5%)	23 (56.1%)	24 (72.7%)	47 (63.5%)	

Missing	1	1	2	2	0	2
<b>Social Network, n (%)</b>	1.00 <sup>2</sup>					0.54 <sup>1</sup>
Yes	6 (16.7%)	2 (16.7%)	8 (16.7%)	11 (27.5%)	7 (21.2%)	18 (24.7%)
No	30 (83.3%)	10 (83.3%)	40 (83.3%)	29 (72.5%)	26 (78.8%)	55 (75.3%)
Missing	2	1	3	3	0	3
<b>Household Crowding, n (%)</b>	0.41 <sup>2</sup>					0.13 <sup>1</sup>
<2 People	9 (27.3%)	1 (10.0%)	10 (23.3%)	16 (43.2%)	7 (25.0%)	23 (35.4%)
>2 People	24 (72.7%)	9 (90.0%)	33 (76.7%)	21 (56.8%)	21 (75.0%)	42 (64.6%)
Missing	5	3	8	6	5	11
<b>Personal Hygiene, n (%)</b>	0.29 <sup>2</sup>					0.44 <sup>1</sup>
Not Sharing	16 (48.5%)	7 (70.0%)	23 (53.5%)	12 (33.3%)	12 (42.9%)	24 (37.5%)
Sharing	17 (51.5%)	3 (30.0%)	20 (46.5%)	24 (66.7%)	16 (57.1%)	40 (62.5%)
Missing	5	3	8	7	5	12
<b>Washing Hands, n (%)</b>	0.30 <sup>2</sup>					0.92 <sup>1</sup>
<10 times/day	24 (64.9%)	10 (83.3%)	34 (69.4%)	29 (70.7%)	23 (69.7%)	52 (70.3%)
>10 times/day	13 (35.1%)	2 (16.7%)	15 (30.6%)	12 (29.3%)	10 (30.3%)	22 (29.7%)
Missing	1	1	2	2	0	2

<sup>1</sup>Chi-Square p-value; <sup>2</sup>Fisher Exact p-value

**Table S6.** Molecular characteristics of wound identified as *Staphylococcus aureus* by birthplace and type.

	MRSA			P-value <sup>1</sup>	MSSA			P-value <sup>1</sup>
	US born (N=47)	Non-US born (N=20)	Total (N=67)		US born (N=34)	Non-US born (N=26)	Total (N=60)	
<b>mecA Gene from <i>S. aureus</i> Wound, n (%)</b>				1.00				0.62
Positive	42 (91.3%)	18 (90.0%)	60 (90.9%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
Negative	4 (8.7%)	2 (10.0%)	6 (9.1%)		27 (87.1%)	25 (92.6%)	52 (89.7%)	
Not Determined	0 (0.0%)	0 (0.0%)	0 (0.0%)		3 (9.7%)	1 (3.8%)	4 (7.0%)	
Missing	1	0	1		3	0	3	
<b>ACME Gene from <i>S. aureus</i> Wound, n (%)</b>				0.25				0.44
Negative	16 (34.8%)	11 (55.0%)	27 (40.9%)		26 (83.9%)	25 (96.2%)	51 (89.5%)	
Type I	29 (63.0%)	9 (45.0%)	38 (57.6%)		2 (6.5%)	0 (0.0%)	2 (3.5%)	
Type III	1 (2.2%)	0 (0.0%)	1 (1.5%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
Not Determined					3 (9.7%)	1 (3.8%)	4 (7.0%)	
Missing	1	0	1		3	0	3	
<b>SCCmec Gene from <i>S. aureus</i> Wound, n (%)</b>				0.90				1.00
Negative	0 (0.0%)	1 (5.0%)	1 (1.5%)		1 (3.2%)	0 (0.0%)	1 (1.8%)	
Iva	35 (76.1%)	17 (85.0%)	52 (78.8%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
IVb	1 (2.2%)	0 (0.0%)	1 (1.5%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
IVc	2 (4.3%)	1 (5.0%)	3 (4.5%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
IVg	1 (2.2%)	0 (0.0%)	1 (1.5%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
IVh	1 (2.2%)	0 (0.0%)	1 (1.5%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
Not Determined	4 (8.7%)	1 (5.0%)	5 (7.6%)		30 (96.8%)	26 (100.0%)	56 (98.2%)	
Novel Type	2 (4.3%)	0 (0.0%)	2 (3.0%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
Missing	1	0	1		3	0	3	
<b>PVL Gene from <i>S. aureus</i> Wound, n (%)</b>				0.54				0.77
Positive	36 (78.3%)	14 (70.0%)	50 (75.8%)		11 (35.5%)	9 (34.6%)	20 (35.1%)	
Negative	10 (21.7%)	6 (30.0%)	16 (24.2%)		17 (54.8%)	16 (61.5%)	33 (57.9%)	
Not Determined	0 (0.0%)	0 (0.0%)	0 (0.0%)		3 (9.7%)	1 (3.8%)	4 (7.0%)	
Missing	1	0	1		3	0	3	

<sup>1</sup>Fisher Exact p-value

**Table S7.** Molecular characteristics for genotype by birthplace and *Staphylococcus aureus*.

	USA300			P-value	Non-USA300			P-value
	US Born (N=38)	Non-US Born (N=13)	Total (N=51)		US Born (N=43)	Non-US Born (N=33)	Total (N=76)	
<b>mecA Gene from <i>S. aureus</i> Wound, n (%)</b>				0.44 <sup>2</sup>				0.73 <sup>2</sup>
Positive	30 (81.1%)	9 (69.2%)	39 (78.0%)		12 (30.0%)	9 (27.3%)	21 (28.8%)	
Negative	7 (18.9%)	4 (30.8%)	11 (22.0%)		25 (62.5%)	23 (69.7%)	48 (65.8%)	
Not Determined	0 (0.0%)	0 (0.0%)	0 (0.0%)		3 (7.5%)	1 (3.0%)	4 (5.5%)	
Missing	1	0	1		3	0	3	
<b>ACME Gene from <i>S. aureus</i> Wound, n (%)</b>				0.23 <sup>2</sup>				0.76 <sup>2</sup>
Negative	8 (21.6%)	6 (46.2%)	14 (28.0%)		34 (85.0%)	30 (90.9%)	64 (87.7%)	
Not Determined	0 (0.0%)	0 (0.0%)	0 (0.0%)		3 (7.5%)	1 (3.0%)	4 (5.5%)	
Type I	28 (75.7%)	7 (53.8%)	35 (70.0%)		3 (7.5%)	2 (6.1%)	5 (6.8%)	
Type III	1 (2.7%)	0 (0.0%)	1 (2.0%)		0 (0.0%)	0 (0.0%)	0 (0.0%)	
Missing	1	0	1		3	0	3	
<b>SCCmec Gene from <i>S. aureus</i> Wound, n (%)</b>				0.69 <sup>2</sup>				0.70 <sup>2</sup>
Negative	1 (2.7%)	0 (0.0%)	1 (2.0%)		0 (0.0%)	1 (3.0%)	1 (1.4%)	
Iva	29 (78.4%)	9 (69.2%)	38 (76.0%)		6 (15.0%)	8 (24.2%)	14 (19.2%)	
IVb	0 (0.0%)	0 (0.0%)	0 (0.0%)		1 (2.5%)	0 (0.0%)	1 (1.4%)	
IVc	1 (2.7%)	0 (0.0%)	1 (2.0%)		1 (2.5%)	1 (3.0%)	2 (2.7%)	
IVg	0 (0.0%)	0 (0.0%)	0 (0.0%)		1 (2.5%)	0 (0.0%)	1 (1.4%)	
IVh	0 (0.0%)	0 (0.0%)	0 (0.0%)		1 (2.5%)	0 (0.0%)	1 (1.4%)	
Not Determined	6 (16.2%)	4 (30.8%)	10 (20.0%)		28 (70.0%)	23 (69.7%)	51 (69.9%)	
Novel Type	0 (0.0%)	0 (0.0%)	0 (0.0%)		2 (5.0%)	0 (0.0%)	2 (2.7%)	
Missing	1	0	1		3	0	3	
<b>PVL Gene from <i>S. aureus</i> Wound, n (%)</b>				0.21 <sup>2</sup>				0.74 <sup>2</sup>
Positive	32 (86.5%)	9 (69.2%)	41 (82.0%)		15 (37.5%)	14 (42.4%)	29 (39.7%)	

Negative	5 (13.5%)	4 (30.8%)	9 (18.0%)	22 (55.0%)	18 (54.5%)	40 (54.8%)
Not Determined	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (7.5%)	1 (3.0%)	4 (5.5%)
Missing	1	0	1	3	0	3

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<sup>1</sup>Chi-Square p-value; <sup>2</sup>Fisher Exact p-value

**Table S8.** Ethnic community neighborhoods by race and ethnicity stratified by US-born and non-US born

Community Neighborhood	US Born					Non-US Born				
	Patient Race and Ethnicity					Patient Race and Ethnicity				
	Black (N=27)	White (N=17)	Other (N=15)	Hispanic <sup>1</sup> (N=43)	Missing (N=22)	Black (N=3)	White (N=6)	Other (N=13)	Hispanic <sup>1</sup> (N=33)	Missing (N=24)
Americas	0 (0.0%)	0 (0.0%)	2 (15.4%)	2 (4.9%)	0	0 (0.0%)	0 (0.0%)	1 (8.3%)	3 (9.4%)	2
Asia	0 (0.0%)	1 (5.9%)	0 (0.0%)	0 (0.0%)	0	0 (0.0%)	1 (16.7%)	0 (0.0%)	2 (6.3%)	2
Black	15 (55.6%)	5 (29.4%)	5 (38.5%)	9 (22.0%)	4	2 (100.0%)	1 (16.7%)	1 (8.3%)	3 (9.4%)	3
Europe	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1	0 (0.0%)	1 (16.7%)	0 (0.0%)	0 (0.0%)	0
Hispanic	9 (33.3%)	4 (23.5%)	6 (46.2%)	26 (63.4%)	15	0 (0.0%)	3 (50.0%)	8 (66.7%)	19 (59.4%)	12
White	3 (11.1%)	7 (41.2%)	0 (0.0%)	4 (9.8%)	2	0 (0.0%)	0 (0.0%)	2 (16.7%)	5 (15.6%)	5
Missing	0	0	2	2	0	1	0	1	1	0

<sup>1</sup>Patients who reported Hispanic ethnicity are not excluded in race counts

**Table S9.** Distribution of ESRI tapestry segment name by methicillin susceptibility stratified by US-born and non-US born.

Life Mode Group	Neighborhood Segment Name	Description	US Born			Non-US Born		
			MRSA N (%)	MSSA N (%)	p-value	MRSA N (%)	MSSA N (%)	p-value
Upscale Avenues	Enterprising Professionals	White, College Degree	1 (2.2%)	0 (0%)	0.32	0 (0%)	0 (0.0%)	0.29
	Pacific Heights	Asian/Pacific Islander, College Degree	0 (0%)	0 (0%)		1 (5.3%)	0 (0.0%)	
Uptown Individuals	Laptops and Lattes	White, College Degree	0 (0%)	0 (0%)		0 (0%)	1 (4.0%)	
	Trendsetters	White, College Degree	0 (0%)	0 (0%)		0 (0%)	1 (4.0%)	
Middle Ground	City Lights	White, College Degree	2 (4.4%)	0 (0%)		0 (0%)	0 (0.0%)	
	Downtown Melting Pot	White/Asian / Pacific Islander, College Degree	5 (10.9%)	5 (15.2%)		2 (10.5%)	7 (28.0%)	
Senior Styles	Golden Years	White, College Degree	0 (0%)	0 (0%)		1 (5.3%)	0 (0.0%)	
	Social Security Set	White/Black, HS Diploma Only	0 (0%)	1 (3.0%)		0 (0%)	0 (0.0%)	
Midtown Singles	City Strivers	Black, HS Diploma Only	4 (8.7%)	6 (18.2%)		2 (10.5%)	3 (12.0%)	
Hometown	Family Foundations	Black, HS Diploma Only	0 (0%)	0 (0%)		1 (5.3%)	0 (0.0%)	
Next Wave	High Rise Renters	Hispanic, No HS Diploma	31 (67.4%)	21 (63.6%)		9 (47.4%)	8 (32.0%)	
	International Marketplace	Hispanic, No HS Diploma	3 (6.5%)	0 (0%)		1 (5.3%)	5 (20.0%)	

	Las Casas	Hispanic, No HS Diploma	0 (0%)	0 (0%)	1 (5.3%)	0 (0.0%)
	NeWest Residents	Hispanic, No HS Diploma	0 (0%)	0 (0%)	1 (5.3%)	0 (0.0%)
Missing	Unclassified	Insufficient data for classification	0	0	1	1