The NYC-Cure survey was developed to measure changes in violence-related attitudes and other important predictors of proclivity towards violence, such as lack of social ties, distrust in formal institutions, neighborhood violence, perceptions of safety, experiences of victimization, and personal risk factors. The instrument also included items to measure each person’s exposure to the Cure Violence program in treatment neighborhoods.

To measure violence-related attitudes, the research team constructed 17 hypothetical scenarios where participants selected from 10 hypothetical reactions. These reactions ranged from “ignore” to past using a weapon. The scenarios included events involving competition over intimate partners, retaliation, debts or stolen property, challenges to social identity or status, disrespect, protection of others, and territorial disputes. Key survey constructs demonstrated acceptable metric properties.

The John Jay research team borrowed and adapted items from survey instruments used in prior evaluation studies of the Cure Violence model, including the Survey of Attitudes about Guns and Violence (SAGAS) and the Save Our Streets (S.O.S.) Community Survey. SAGAS was used as part of a John Hopkins University study of Baltimore’s Safe Streets program (Webster et al. 2012), and the S.O.S. Community Survey was used by researchers at the Center for Court Innovation as part of a study of a Cure Violence program in Crown Heights (Brooklyn, New York).

All surveys were administered using tablet computers (iPads). This allowed the research team to access data quickly for preparation and inspection. This method permitted each survey respondent to engage with the survey questionnaire privately, which helped maintain the confidentiality of their responses. The survey was offered in English, Spanish, and Arabic. A total of 6,417 surveys were collected between 2014 and 2016. The following pages provide a description of each construct and screenshots of the survey instrument.

### NYC-Cure hypothetical scenarios

<table>
<thead>
<tr>
<th>#</th>
<th>SUBCONSTRUCT</th>
<th>HYPOTHETICAL SCENARIO</th>
<th># OF ITEMS</th>
<th>SOURCE</th>
<th>RESPONSE SCALE</th>
<th>LATENT FACTORS</th>
<th>RELIABILITY</th>
<th>VALIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Challenge to social identity or status (material attacks)</td>
<td>Somebody shows up at a party wearing the jacket everyone knows he took from you</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>You are on your way to a party outside of your hood. You bump a guy and he swings at you</td>
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<td></td>
<td></td>
<td>A guy takes a swing at you at a party in another neighborhood</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Defense of others</td>
<td>You are hanging out with a friend and a guy tries to smack your friend around.</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Money, debts or stolen property</td>
<td>You see a guy who has not paid you the $100 he owes you.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>You see a guy who owes you $200 and you think he is trying to play you</td>
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<td></td>
<td></td>
<td>The guy at the bodega cheated you at the cash register</td>
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<td></td>
<td></td>
<td>You won a bet (e.g., dice, craps) and the loser refused to pay you</td>
<td></td>
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<td></td>
<td>Retaliation</td>
<td>You see a guy on the street who beat up your brother last week</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Disrespect</td>
<td>Somebody disrespects you in front of your friends</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>You are with your friends and a guy steps on your new Jordans</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Somebody talked shit about you on Facebook</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Territory</td>
<td>Some guys you and your friends don’t know try to take over the basketball court</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Competing for females by violent means</td>
<td>You are at a club talking to a girl when a guy comes and tells you she’s his girl</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>You are at a club talking to a girl and a guy tries to get her number</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Your girl and you broke up one week ago. You see her with a new guy on the street.</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>Your ex’s new boyfriend is playing her</td>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

Note: The violence index, including the two latent factors, demonstrates acceptable internal consistency and validity.

*Peer violence index: Each participant was asked to predict their referrer’s response to each scenario.
<table>
<thead>
<tr>
<th>#</th>
<th>CONSTRUCT</th>
<th>ITEM</th>
<th># OF ITEMS</th>
<th>SOURCE</th>
<th>RESPONSE SCALE</th>
<th>RELIABILITY</th>
<th>VALIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Social ties</td>
<td>How many of your neighbors do you speak with on a daily basis?</td>
<td>4</td>
<td>REC</td>
<td>0------10+</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>When was the last time you helped a neighbor?</td>
<td></td>
<td>REC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>When was the last time a neighbor helped you?</td>
<td></td>
<td>REC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>When was the last time you had a conflict with a neighbor?</td>
<td></td>
<td>REC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Confidence in Public Safety Institutions</td>
<td>When violence breaks out can you and your neighbors count on - Police/Fire Department/ Ambulance to help? /If you saw someone being beaten up or shot at, would you call the police to report the crime?</td>
<td>4</td>
<td>REC</td>
<td>yes definitely yes probably not sure no probably no definitely</td>
<td>Cronbach's Alpha: 0.6166</td>
<td>SEM Goodness of Fit Indices: RMSEA- 0.047 CFI- 0.974 SMRM- 0.022</td>
</tr>
<tr>
<td>3</td>
<td>Confidence in Community Institutions</td>
<td>When violence breaks out can you and your neighbors count on -Community leaders (e.g. politicians, etc.)/local programs (e.g. social service programs/teachers and other school personnel - to help?</td>
<td>3</td>
<td>Adapted from CBVP Survey</td>
<td></td>
<td>Cronbach's Alpha: 0.6794</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>In the last 12 months, how many times have you attended anti-violence events (e.g. marches and/or rallies) in your neighborhood?</td>
<td></td>
<td>Item adapted from Brownsville Community Survey (CCI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Exposure to the program</td>
<td>In the following screen I will show you pictures of people who have been helping with anti-violence efforts in the community. Do you know this person? [Show pictures of CV staff] Yes/no/. IF Yes, in the last 12 months how many times have you communicated with this person?</td>
<td>3</td>
<td>REC</td>
<td>0------10+</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Have you seen these anti-violence images in your neighborhood? If Yes, in the last 12 months, how many times have you seen the following images in your neighborhood?</td>
<td></td>
<td>REC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total sample size n=6,417 (unique observations n=5,143)

Blue indicates acceptable by metric properties
<table>
<thead>
<tr>
<th>#</th>
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<th>SOURCE</th>
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<th>RELIABILITY</th>
<th>VALIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Exposure to social media violence</td>
<td>Which social media platform do you use to keep in touch with your friends and associates in the neighborhood? Facebook, Twitter, Instagram, Snapchat, Youtube, Vine, Other, None. If using any, have you ever seen someone getting threatened on the following social media sites? Yes/no. If Yes, In the last 12 months, how many times have you seen someone getting threatened on the following social media sites?</td>
<td>7</td>
<td>REC</td>
<td>0-----10+</td>
<td>Cronbach's Alpha: 0.7213</td>
<td>SEM Goodness of Fit Indices: RMSEA- 0.198 CFI- 0.858 SMRM- 0.066</td>
</tr>
<tr>
<td>6</td>
<td>Exposure to gun violence</td>
<td>In the last 12 months, how many guns have you seen on your block?</td>
<td></td>
<td>REC</td>
<td>0-----10+</td>
<td>Cronbach's Alpha: 0.7213</td>
<td>SEM Goodness of Fit Indices: RMSEA- 0.000 CFI- 1.000 SMRM- 0.000</td>
</tr>
<tr>
<td></td>
<td>In the last 12 months, how many times have you heard of someone who was threatened with a gun in your neighborhood?</td>
<td></td>
<td>3</td>
<td>Adapted from Brownsville Community Survey (CCI)</td>
<td>0-----10+</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>In the last 12 months, how many times have you heard gunshots in your neighborhood?</td>
<td></td>
<td></td>
<td>Brownsville Community Survey (CCI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Is it common for people to belong to street gangs, crews or sets in the neighborhood?</td>
<td></td>
<td>1</td>
<td>Adapted from Brownsville Community Survey (CCI)</td>
<td>yes definitely not sure yes probably no probably no definitely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Perceptions of safety</td>
<td>Do you feel safe at home during the night?</td>
<td>4</td>
<td>Adapted from Brownsville Community Survey (CCI)</td>
<td></td>
<td>Cronbach's Alpha: 0.8114</td>
<td>SEM Goodness of Fit Indices: RMSEA- 0.392 CFI- 0.806 SMRM- 0.082</td>
</tr>
</tbody>
</table>

Total sample size n=6,417 (unique observations n=5,143)

Blue indicates acceptable by metric properties
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<tr>
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<th>RELIABILITY</th>
<th>VALIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td>What is the highest level of education you completed?</td>
<td>9</td>
<td>REC</td>
<td>Less than High school&lt;br&gt;High School or GED&lt;br&gt;Some college&lt;br&gt;2-year college or technical school&lt;br&gt;4-year college or higher</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Characteristics and Risk factor</td>
<td>In the last 12 months, how many times have you been stopped and/or frisked by the police?</td>
<td>10</td>
<td>REC</td>
<td>0------10+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>On an average day, how many hours do you spend outside the neighborhood?</td>
<td>11</td>
<td>REC</td>
<td>1------24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>How old are you?</td>
<td>12</td>
<td>SAGAS  (Webster, 2012)</td>
<td>18 to 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>On an average day, what time do you normally go to sleep?</td>
<td>13</td>
<td>REC</td>
<td>12 am - 11 pm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>What is your current employment status?</td>
<td>14</td>
<td>REC</td>
<td>unemployed&lt;br&gt;part-time&lt;br&gt;full-time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>Have you ever been shot at (even if you weren't hit)? If so, how many times have you been shot at?</td>
<td>15</td>
<td>SAGAS  (Webster, 2012)</td>
<td>Yes/No &amp; 0------10+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>Have you ever been stabbed? If so, how many times have you been stabbed?</td>
<td>16</td>
<td>REC</td>
<td>Yes/No &amp; 0------10+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Scan QR code from coupon using camera

Welcome!

Are you between 18 and 30 years old?

NO

YES

Scan QR code from coupon using camera

Start
Do you live in this area? (Refer to map on coupon)

YES  NO

Consent and introduction

participating in this study may increase general knowledge of the effectiveness of community efforts to reduce violence, which aims at reducing violence in the streets. If you have any questions or concerns after completing this interview, you can contact Dr. Jeffrey Butts, Principal Investigator, at 212-237-8302 or rec@jjay.cuny.edu. If you have any questions regarding your rights as a research participant, you can contact the John Jay Institutional Review Board Office at 212-237-8961 or jj-irb@jjay.cuny.edu. This contact information will be provided to you in hard copy for your records.
Do you agree to participate in this interview?

Decline  I Accept

What is the highest level of education you completed?

- Less than High School
- High School or GED
- Some college
- Degree: 2-year college or technical school
- Degree: 4-year college or higher
- Not sure/Decline

When was the last time you helped a neighbor?

- Within the last week
- Between a week and a month ago
- More than a month ago
- Never
- Not sure/Decline
When was the last time you had a conflict with a neighbor?

- Within the last week
- Between a week and a month ago
- More than a month ago
- Never
- Not sure/Decline

How many times have you been shot at?

- 0
- 5
- Not sure/Decline

Have you ever been shot at (even if you weren't hit)?

- NO
- YES
- Not sure/Decline
Have you ever been stabbed?

- **YES**
- **NO**

How many times have you been stabbed?

- **2**
- Not sure/Decline

How many of your neighbors do you speak with on a daily basis?

- **6**
- Not sure/Decline

In the last 12 months, how many guns have you seen on your block?

- **2**
- Not sure/Decline
NYCure

In the last 12 months, how many times have you heard of someone who was threatened with a gun in your neighborhood?

2

Not sure/Decline

NYCure

In the last 12 months, how many times have you heard gunshots in your neighborhood?

5

Not sure/Decline

NYCure

In the last 12 months, how many times have you been stopped and/or frisked by the police?

Not sure/Decline

For this section of the survey we will go over a list of hypothetical scenarios, and we would like to know how far you would be willing to take each situation.

On a scale from 1-10, 1 being "ignore" and 10 "the furthest you'd be willing to take it". How far on this scale are you willing to go?

Answer choices: Ignore, react verbally, get physical, pull a weapon, use a weapon, not sure/decline
You and your girl broke up one week ago. You see her with a new guy on the street.

1 (Ignore)  

You are on your way to a party outside of your hood. You bump a guy and he swings at you.

1 (Ignore)  

A guy takes a swing at you at a party in another neighborhood.

1 (Ignore)
You are hanging out with a friend and a guy tries to smack your friend around.

7 (Pull a weapon)
1 (Ignore)

You're ex's new boyfriend is playing her

9 (Use a weapon)
1 (Ignore)

You see a guy who owes you $200 and you think he is trying to play you.

8
1 (Ignore)

You are with your friends and a guy steps on your new Jordans.

6
1 (Not sure/Decline)
Some guys you and your friends don’t know try to take over the basketball court.

Somebody disrespects you in front of your friends.

Somebody talked shit about you on a social media site (e.g., Facebook, Instagram).

You are at a club talking to a girl when a guy comes up and tells you: “That’s my girl.”
You see a guy who has not paid you the $100 he owes you.

3 (React verbally)

1 (Ignore)

The guy at the bodega cheated you at the cash register.

5 (Get Physical)

1 (Ignore)

You won a bet and the loser refuses to pay you.

1 (Ignore)

Somebody shows up at a party wearing the jacket everyone knows he took from you.

1 (Ignore)

11 (Not sure/Decline)
You see a guy on the street who beat up your brother last week.

7 (Pull a weapon)

1 (Ignore) 11 (Not sure/Decline)

How old do you think you will live to be?

18

18 Not sure/decline

For this section of the survey, think about the person who gave you the coupon to participate in this study. How far do you think he'd be willing to take each of the same situations we just discussed.

On a scale from 1-10, how well do you know the person who gave you the coupon?

10 (Very well)

On a scale from 1-10, 1 being "Ignore" and 10 "The furthest he'd be willing to take it", we'd like to like to how far is he willing to go.

1 (Don't know him) 10 (Very well)
His ex's new boyfriend is playing her.

Somebody disrespects him in front of his friends.

He won a bet and the loser refuses to pay him.

A guy takes a swing at him at a party in another neighborhood.
He sees a guy on the street who beat up his brother last week.

5 (Get Physical)

1 (Ignore) 11 (Not sure/Decline)

He is at a club talking to a girl when a guy comes up and tells him: "That's my girl"

6

1 (Ignore) 11 (Not sure/Decline)

He and his girl broke up one week ago. He sees her with a new guy on the street.

7 (Pull a weapon)

1 (Ignore) 11 (Not sure/Decline)

He is on his way to a party outside of his hood. He bumps a guy and the guy swings at him.

8

1 (Ignore) 11 (Not sure/Decline)
Somebody shows up at a party wearing the jacket everyone knows he took from him.

9 (Use a weapon)

1 (Ignore) 11 (Not sure/Decline)

Some guys he and his friends don't know try to take over the basketball court.

10

1 (Ignore) 11 (Not sure/Decline)

The guy at the bodega cheated him at the cash register.

11 (Not sure/Decline)

He is hanging out with a friend and a guy tries to smack his friend around.

1 (Ignore)

1 (Ignore) 11 (Not sure/Decline)
He is at a club talking to a girl and a guy tries to get her number.

3 (React verbally)
1 [Ignore]

He sees a guy who has not paid him the $100 he owes him.

2
1 [Ignore]

Somebody talked shit about him on a social media site (e.g. Facebook, Instagram).

6
1 [Ignore]

He is with his friends and a guy steps on his new Jordans.

6
1 [Ignore]

X
He sees a guy who owes him $200 and he thinks the guy is trying to play him.

6

1 (Ignore)  11 (Not sure/Decline)

How old do you think he will live to be?

Not sure/decline

On this section of the survey I am going to ask you about neighborhood safety and your level of confidence in formal institutions.

When violence breaks out can you and your neighbors count on the POLICE to help?

No definitely

Answer choices: yes definitely, yes probably, not sure, no probably, no definitely

Yes definitely  No definitely
When violence breaks out can you and your neighbors count on the NYC FIRE DEPARTMENT to help?

No probably

When violence breaks out can you and your neighbors count on an AMBULANCE showing up quickly if called?

Not sure

When violence breaks out can you and your neighbors count on COMMUNITY LEADERS (e.g. politicians, etc.) to help?

Yes probably

When violence breaks out can you and your neighbors count on LOCAL PROGRAMS to help (e.g. social service programs)?

Yes definitely
When violence breaks out can you and your neighbors count on TEACHERS and other SCHOOL PERSONNEL to help?

Not sure

Is it common for people to belong to street gangs, crews or sets in the neighborhood?

No definitely

If you saw someone being beaten up or shot at, would you call the police to report the crime?

No probably

Do you feel safe at home during the night?

Not sure
Do you feel safe at home during the day?

Yes probably

Yes definitely | No definitely

Do you feel safe in your neighborhood during the night?

Yes definitely | No definitely

Do you feel safe in your neighborhood during the day?

Yes probably

Which social media platforms do you use to keep in touch with your friends and associates in the neighborhood? Please select all that apply.

Facebook | Twitter | Instagram | Snapchat | YouTube | Vine | Other | None
In the last 12 months, how many times have you seen someone getting threatened on INSTAGRAM?

1

Not sure/Decline

In the following screens I will ask you about anti-violence efforts in your area.

In the last 12 months, how many times have you seen someone getting threatened on FACEBOOK?

3

Not sure/Decline

In the last 12 months, how many times have you seen someone getting threatened on SNAPCHAT?

0
In the last 12 months, how many times have you attended anti-violence events (e.g. marches and/or rallies) in your neighborhood?

0

Not sure/Decline

In the last 12 months, how many times have you seen this image around your neighborhood?

3

0

Not sure/Declining

Have you seen this image around your neighborhood?

NO

STOP SHOOTING
START LIVING
IT STARTS WITH YOU!

SAVE OUR STREETS
S.O.S.
Have you seen this image around your neighborhood?

![Image 1]

NO

Have you seen this image around your neighborhood?

![Image 2]

NO

Have you seen this image around your neighborhood?

![Image 3]

NO

In the following screens I will show you pictures of people who have been helping with anti-violence efforts in the community.

![Image 4]
Do you know this person?

In the last 12 months, how many times have you communicated with this person?

3

Not sure/Decline

Do you know this person?

Do you know this person?
Do you know this person?

Do you know this person?

Do you know this person?

How old are you?

22
Are you currently in school?

- Yes
- No

What is your current employment status?

- Unemployed
- Part-time
- Full-time
- Not sure/Decline

On an average day, how many hours do you spend outside of your neighborhood? (how many hours are you NOT in the neighborhood?)

4

On an average day, what time do you normally go to sleep?

12 AM (Midnight)

0

24

12 AM (Midnight)

11 PM
Did you take this survey before?

Y E S  N O

I am going to give you three coupons. Please give them to three people you know who are between 18 and 30. They have to live in this area. For every one who comes and takes the survey, we will give you $10.

Scan QR code from FIRST coupon using camera

Scan QR code from SECOND coupon using camera

1003
Scan QR code from THIRD coupon using camera

Where: Look for the NY Cure

Comment box (No personal information please)

Scan QR code from SECOND coupon using camera

Is this a duplicate case?
Yes
Maybe
No
<table>
<thead>
<tr>
<th>Name of interviewer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wogod Alawlaqi</td>
</tr>
<tr>
<td>Patricia Cobar</td>
</tr>
<tr>
<td>Anjelica Camacho</td>
</tr>
<tr>
<td>Nicole Alexander</td>
</tr>
<tr>
<td>Laila Alsabahi</td>
</tr>
<tr>
<td>Pamela Ruiz</td>
</tr>
<tr>
<td>Sheyla Delgado</td>
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<tr>
<td>Kwan-Lamar Blount-Hill</td>
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<tr>
<td>Other</td>
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</tbody>
</table>