A Mixed-Method Study Exploring Depression in U.S. Citizen-Children in Mexican Immigrant Families

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Abstract

Background—There is a critical need to document the mental health effects of immigration policies and practices on children vulnerable to parental deportation. Few studies capture the differential experiences produced by U.S. citizen-children’s encounters with immigration enforcement, much less in ways that analyze mental health outcomes alongside the psychosocial contexts within which those outcomes arise.

Methods—We explore the psychosocial dimensions of depression in U.S. citizen-children with undocumented Mexican parents to examine differences between citizen-children affected and not affected by parental deportation. An exploratory mixed-method design was used to integrate a quantitative measure of depression symptoms (CDI-2) within qualitative data collected with 48 citizen-children aged 8 to 15 with and without experiences of parental deportation.

Results—Stressors elicited by citizen-children in the qualitative interview included an inability to communicate with friends, negative perceptions of Mexico, financial struggles, loss of supportive school networks, stressed relation with parent(s), and violence. Fifty percent of citizen-children with probable depression—regardless of experiences with parental deportation—cited “stressed relation with parents,” compared to 9% without depression. In contrast, themes of “loss of supportive school network” and “violence” were mentioned almost exclusively by citizen-children with probable depression and affected by parental deportation.

Conclusions—While citizen-children who suffer parental deportation experience the most severe consequences associated with immigration enforcement, our findings also suggest that the burden of mental health issues extends to those children concomitantly affected by immigration enforcement policies that target their undocumented parents.
Recent political debate has intensified regarding the estimated 11.1 million undocumented immigrants living in the U.S.—the majority of whom come from Mexico—and their citizen-children, who number an estimated 4.5 million (Pew Hispanic Research Center 2013). Of particular concern is the growing number of citizen-children who experience parental deportation (De Genova 2010). Studies have documented the immediate consequences accompanying the loss of a parent through deportation, including changes in family income, difficulties with childcare, and barriers to public health resources and social services (Brabeck & Xu 2010; Chaudry et al. 2010; Dreby 2010; Dreby 2012). However, it is only recently that researchers have considered the mental health needs of this vulnerable population (Suarez-Orozco et al. 2010). Research indicates that U.S. citizen-children subjected to parental deportation suffer from a greater burden of anxiety and depression, attention problems, social withdrawal, and rule-breaking behaviors (Allen et al. 2013; Dreby 2014; Suarez-Orozco et al. 2010; Suarez Orozco et al. 2011). Preliminary research demonstrates that experiences of parental deportation are linked to future emotional and behavioral problems, including substance abuse, unemployment, and interpersonal difficulties with family members (Brabeck et al. 2014; Suarez-Orozco 2008; Zuñiga & Hamann 2006).

Following an unprecedented escalation of immigration enforcement within the past decade (De Genova 2010), there is a critical need to document the mental health effects of immigration policies and practices on children vulnerable to parental deportation. Despite the increased burden of mental health problems among citizen-children experiencing parental deportation, some studies suggest that the daily stressors associated with having an undocumented parent shape mental health prior to direct encounters with immigration enforcement (Delva et al. 2013; Perreira & Ornelas 2011; Sullivan & Rehm 2005; Yoshikawa & Kalil 2011). Citizen-children’s health has been shown to be intimately tied to the myriad risks associated with having undocumented parents, including economic hardship and poverty (Perreira & Ornelas 2011), hunger and food insecurity (Kersey et al. 2007), and lack of access to healthcare, safe housing, and education (Chavez et al. 1997; Guendelman et al. 2006). Moreover, children with undocumented parents express fears of separation, mixed sentiments about their heritage and citizenship, and an acute awareness of their families’ legal predicament (Chaudry et al. 2010; Dreby 2014; Suarez-Orozco et al. 2010; Suarez-Orozco 2011).

Few studies capture the differential experiences produced by U.S. citizen-children’s encounters with immigration enforcement, much less in ways that analyze mental health outcomes alongside the psychosocial contexts within which those outcomes arise. In this article, we present results from such a study. Through a binational research collaboration between U.S. and Mexican institutions, our analysis integrates a quantitative assessment of depression with a qualitative exploration of the social factors that shape mental health. Our study, which explores the psychosocial dimensions of depression in U.S. citizen-children, is
motivated by research that identifies depression as a significant mental health concern within
this population (Author, 2015). Although the extant scholarship is limited, some research
suggests that rates of depression among children living in immigrant families ranges
between 10% to 15% (Perreira & Ornelas 2011). Alleviating the burden of depression within
this vulnerable group requires not just evaluating depression clinically, but also attending
closely to the voices of U.S. citizen-children in ways that contribute to an understanding of
their meanings and perceived causes of emotional suffering. Doing so improves our
awareness of the proximal psychosocial stressors that give rise to depression—a critical first-
step toward the reduction of mental health disparities. Accordingly, our analysis is framed
within the following research question: What psychosocial factors distinguish citizen-
children with elevated scores of depression from those with lower scores?

Methods

We draw from a sub-sample of data from a federally-funded, mixed-method study conducted
between 2012 and 2014. The purpose of the larger study was to examine the psychosocial
experiences and clinical profiles of U.S. citizen-children living with at least one
undocumented parent. Pursposive sampling strategies were utilized to select children aged 8
to 15 in families that were (a) directly experiencing parental deportation because a parent
had been detained or deported (n = 49), or (b) not undergoing active detainment or
deportation proceedings (n = 34). The former group included children who stayed in the
U.S. under the care of another parent or guardian after one or both parents had been
deported to Mexico (n = 18) or accompanied their deported parent to Mexico (n = 31). A
total of 83 participants participated.

Recruitment proceeded through a binational collaboration between sites in the U.S. (Austin,
Texas; Sacramento, California) and Mexico. Local community agencies serving Mexican-
origin individuals were engaged as community partners and received training from the
research team in participant recruitment procedures. After identifying families who met
purposive sampling criteria for participation, agency staff discussed the study with parents.
Parents who expressed interest were referred to the research team. Parents provided consent
for their children’s participation, and all children assented to participate. IRB approval was
granted at all respective institutions and sites where research activities were undertaken.

Research Design

In this paper, we use an exploratory, mixed-method design to integrate a quantitative
measure of depressive symptoms within qualitative descriptions of emotional suffering (see
Figure 1; Mathison 1998; Teddlie & Tashakkori 2006). All methods of data collection
(quantitative measures, qualitative interview) were conducted in either Spanish or English
depending on the preference of the participant.

Participants first completed a series of standard measures to evaluate their mental health. To
index depressive symptoms, children completed the full-length Children’s Depression
Inventory 2nd Edition (CDI-2; Kovac & Staff 2003). The CDI-2 is the most widespread scale
used to screen depressive symptoms among children (Twenge & Nolen-Hoeksema 2002),
and it is designed to provide a comprehensive assessment of affective and functional
problems of depression in children and adolescents aged 7 to 17 years (Kovac & Staff 2003). The reliability and validity of the CDI-2 has been well documented (Liberman et al. 2012; Saylor et al. 1984) and tested and validated with Hispanic children (Liberman et al. 2012). The measure consists of 28 items that yield a total score (computed as raw total or as standardized T-score), two scale scores (emotional problems and functional problems), and four subscale scores (negative mood/physical symptoms, negative self-esteem, ineffectiveness, and interpersonal problems).

Children were asked to indicate the level of symptomatology with a 3-point scale: 0 (absence of symptom), 1 (mild or probable symptom), or 2 (definite symptom). All items on the CDI-2 were summed into total scores that ranged from 0 (no depressive symptoms) to 56 (severe depressive symptoms), with higher scores indicating greater symptomatology. The total raw scores were then converted to standardized T-scores. Cronbach’s alpha in this study was initially very low (α = 0.13). Upon closer evaluation of the items, we found that no child endorsed the answer, “I want to kill myself” on the sole question about suicidal ideation. After removing this item for analysis, Cronbach’s alpha increased to .92.

After completing the quantitative measures, all children participated in a qualitative interview designed to elicit their narratives about living with undocumented parents, and when applicable, to draw out detailed accounts of experiences with immigration enforcement and parental deportation. Interviews were conducted by fully bilingual Hispanic women who were trained in conducting qualitative interviews with children to facilitate rapport and contribute to a sense of empowerment in the interview process (Hill et al. 1996; Mauthner 1997). To help reduce interviewer bias across multiple research sites, a semi-structured interview guide was carefully constructed to provide a series of probes to facilitate deeper exploration of topics. Interviews began with an exploration of children’s perceptions about home and family life, descriptions of family activities and relationships, household roles and responsibilities, and life outside the home. These questions set the stage for a conversation about legal status aimed at eliciting what the child remembered as salient (Mauther 1997). Emphasis was placed on having children describe their perceptions, thoughts, emotions, feelings, reflections, and interpretations to ascertain the psychosocial impact of parental removal or having an undocumented parent. Interviews were digitally recorded, transcribed, and analyzed in the language of the interview to enhance validity (Guest & MacQueen 2008). To monitor and enhance data quality, systematic reviews of interview transcripts and routine debriefing meetings with interviewers were conducted.

**Study Sample**

For this article, a criterion sampling strategy was used to select a sub-sample of citizen-children with the highest and lowest T-scores on the CDI-2, stratified by experiences with parental deportation (n = 48). To determine which participants with the highest scores had probable clinical depression, we used the established cutoff of T-scores of 60 or above (Teddlie & Tashakkori 2006). This resulted in two comparison groups used for the present analysis: probable depression (n = 16); no depression (n = 32).

Table 1 describes the characteristics of children in this sub-sample. All children had at least one parent of Mexican origin. Children’s ages ranged from 8 to 15 years, with an average of
11.3. More than half were girls (58.3%), and almost all (97.9%) were enrolled in school when interviewed. Participants lived with both parents (70.8%), with one parent (25.0%), or with neither parent (4.2%). More than half (52.1%) were directly affected by parents’ deportation or detention. The T-scores of depressive symptoms averaged 54.2. Approximately one-third scored in the range indicative of probable depression.

**Data Analysis**

Qualitative interviews from this sub-sample were analyzed for themes related to the personal and social factors that participants identified and described as being salient to their experiences of emotional suffering (see Table 2). To develop the coding framework, two coders read two interviews independently and recorded initial interpretations of the text. Emergent themes were discussed in a team meeting, and a codebook was developed from this discussion. We repeated this process until themes were well established, and the codebook was finalized. To test the coding framework, we uploaded 4 interviews to NVivo9, independently coded them, and calculated percent agreement using the coding comparison module. Any text that fell below a 90% threshold was discussed during a team meeting. The codebook was revised as necessary. Interviews were subsequently coded using NVivo9. To facilitate the transparency of the coders’ interpretations of the data, all coded text was reviewed and monitored, and all coding discrepancies were discussed during team meetings.

After interviews were coded, scores from the CDI-2 and data from the qualitative interviews were integrated within a matrix to compare the frequency of themes across groups of participants (probable depression/no depression; affected by deportation/not affected by deportation). We then returned to the qualitative interviews to contextualize our results within participants’ narratives.

**Results**

Table 3 presents the themes described with greatest frequency by participants during qualitative interviews and compares thematic frequencies across sub-groups. Each of these themes, which we call “psychosocial stressors,” were discussed by children as contributing to feelings they described as “sad,” “depressed,” or “painful.” Stressors elicited by citizen-children included: (1) an inability to communicate with friends, (2) negative perceptions of Mexico, (3) financial struggles, (4) loss of supportive school networks, (5) stressed relation with parent(s), and (6) violence. Certain themes manifested across sub-groups, such as an inability to communicate with friends, negative perceptions of Mexico, and financial struggles. However, citizen-children with probable depression reported stressors with greater frequency than citizen-children without depression, and this pattern was particularly distinct among citizen-children with probable depression and affected by parental deportation.

Closer inspection of Table 3 reveals that differences across sub-groups were especially pronounced in the frequency with which citizen-children described “loss of supportive school networks,” “stressed relation with parents,” and “violence.” Fifty percent of citizen-children with probable depression—regardless of their experience with parental deportation—cited “stressed relation with parents,” compared to 9% of citizen-children without depression. In contrast, themes of “loss of supportive school network” and “violence” were
mentioned almost exclusively by citizen-children with probable depression and affected by parental deportation. To attend to the voices, meanings, and experiences of citizen-children included in our analysis, we chose three cases to illustrate and contextualize the ways in which these themes manifested. All names are pseudonyms.

Case A

Erika’s case illustrated the ways in which multiple themes converged as a result of parental deportation. She identified her negative perception of Mexico, loss of supportive school network, stressed relation with parents, and household financial struggles as sources of her distress. Erika’s parents, both undocumented, had migrated to the U.S. in 1992. Erika did not remember when she learned about her parents’ status, but she recalled being in a constant state of fear that her parents would be detained, particularly when she was not in their direct presence. Her worst fears were realized just months prior to her 14th birthday when her father was arrested, detained, and immediately deported. Erika refused to talk about the time following her father’s deportation. She noted, instead, that she learned on her birthday that the family would reunite with her father in Mexico. “I was scared,” she remembered. “Where were we going to live? To work?” Despite the fear, she remembered packing quickly and feeling “happy” that she would see her father soon.

When she arrived in Mexico, she realized quickly that “everything is so different here.” Her parents had never spoken to her about Mexico, and she had learned what little she knew about the country from television. She noted that she was scared to be outside of her house alone because Mexico was “violent.” Her fears of Mexico invoked memories of the life she left behind, resulting in feelings of sadness. Similarly, Erika’s transition to school had also been difficult. The students in her class often teased her about her Spanish pronunciation, and their behavior only highlighted for Erika the loss of the supportive school network that she had in the U.S.

Erika also described a radical shift in family dynamics that accompanied reunification. Her mother, at the time of the interview, had been unable to secure employment, and the family was struggling to live from the meager salary her father earned. As she explained,

> “When I see the problems that we have, I get sad. Sometimes, we don’t have anything to eat. My mom doesn’t have work, and my father starts telling her things. I don’t feel that it’s fair that he says these things to her because it isn’t her fault.”

The way in which her father treated her mother made Erika feel angry, sad, and powerless. She blamed her father for the family’s worsening circumstances. “It’s his fault,” she explained. “It’s his fault that we came here.”

Case B

Like Erika, Adriana’s narrative had multiple themes; and violence, stressed relation with parents, and loss of supportive school networks figured prominently. Unlike Erika, these themes did not manifest as a result of parental deportation, but rather set the stage for that experience. Adriana described that she “always knew my parents were from Mexico. I probably figured it out when I was very young.” The circumstances that led to her father’s
detainment and eventual deportation were related to a domestic violence dispute that occurred when Adriana was three. She continued to have nightmares about the incident. As she described, “I don’t remember the actual domestic abuse. I was very little. It kind of became a repetitive dream. I just remember hiding, and I remember being scared, and not knowing exactly what was happening.” Adriana explained that the domestic abuse had led to a warrant for her father’s arrest, noting that “one day my dad got stopped [by the police]. They saw that he had a warrant out, and that he was illegal. So, that’s when all the trouble to make him stay kind of started.”

Following her father’s detainment, a lengthy legal battle ensued. The family fought the courts for nearly two years. During this time, Adriana attempted suicide.

“I knew my dad’s case was coming closer and closer. I had so much to deal with. Because everything with the legal issues. So then I felt like nobody really cared about me. So it was like the last straw when I attempted suicide … And the people in the immigration didn’t care that I tried committing suicide. They didn’t care.”

After Adriana was released from the hospital following her suicide attempt, she learned that the courts had ruled to deport her father. One day she came home from school, and her father was gone. “I came back, and he was not here. It really hit me. And then, I spent the next day crying.” Adriana expressed that after her father’s deportation, she developed a desire to engage in high-risk behaviors: “I wanna do more things like outside of being safe and stuff since my dad left. I just wanna forget about everything.”

**Case C**

Cecilia, an atypical case, was one of the few participants not affected by parental deportation, but who screened within the range of having probable depression. Moreover, Cecilia did not mention any of the stressors often cited by other participants even though her mother, father, and older sister were all undocumented. For example, Cecilia described her relationship with both parents as “close,” referencing the fun activities they did together, like going to the movies or church. Cecilia explained that her parents were very open about their status as undocumented, and the family often attended immigrant rights and advocacy meetings together. Cecilia even described talking with her “two best friends” about her parents’ status. As she explained, “They are my best friends that I really, really love. So I talked to them about it.”

Yet, Cecilia’s knowledge about her parents’ status intensified her worry and fear that her family might one day be deported. As she reported, “I feel frightened that they are gonna come and deport them.” In attempt to silence her fears and worries, Cecilia often refused to think about her family’s undocumented status:

“I try not to make it come out of my mouth. I try to keep it shut in there. I try my best not to think about that, or go near jails because there is this jail close to my school, and I try not to look at it. Because I think that there might be deported people there, and I’m like, ‘I hope that’s not where my parents go.’ I’m like, ‘oh no, don’t think about that.’ Because then that would really affect me. And make me more sad or depressed.”
In contrast to many participants in the sample who experienced probable depression, Cecilia described a supportive dynamic with her family and open, communicative relationships with her friends about her parents’ status. Moreover, she had visited Mexico and reflected on those experiences positively, noting, “I liked it there!” Ultimately, as Cecilia described it, her depressed affect was linked to the status of her parents and sister as undocumented and the potential threat that she could one day be separated from them.

**Discussion**

In this article, we incorporate a quantitative evaluation of depression symptoms alongside qualitative narratives that prioritize the voices of citizen-children to identify psychosocial factors that distinguish U.S. citizen-children with probable depression from those with no depression. Previous studies have demonstrated that the accumulation of psychosocial stressors can produce formidable effects on mental health status, particularly among children experiencing parental deportation (Allen et al. 2013; Brabeck et al. 2014; Zuñiga & Hamann 2006). Our results build on these studies by demonstrating the potential for psychosocial stressors, such as stressed relationships with parents, the loss of supportive school networks, and experiences of violence, to compromise the mental health strengths of citizen-children with parents who are undocumented. For example, supportive school networks were vulnerable to disruption through family reunification in Mexico following parental deportation. For those participants in the U.S., summer vacation or transitions from elementary to middle school could similarly dislocate children from the support they received from school administrators, counselors, and classmates. Experiences of probable depression also reflected the ways in which having a parent who was undocumented exacerbated tensions that might otherwise be minimal in families not threatened by or experiencing parental deportation. Probable depression was also shaped by experiences of family violence that occurred prior to immigration enforcement, and participants often cited such experiences as contributing to legal processes that resulted in parental detainment.

In our sample, citizen-children affected by parental deportation reported a greater burden of stressors in their lives, a finding that has been supported in previous research (Allen et al. 2013; Dreby 2014; Suarez-Orozco et al. 2010; Suarez-Orozco et al. 2011). However, straightforward associations between depressive symptoms and being “affected” or “not affected” by parental deportation sometimes break down, as revealed by the contrasting experiences between Erika and Adriana (affected by deportation) and Cecilia (not affected by deportation). To be clear, children in our sample who experienced parental deportation reported it as a major life trauma, which often generated or exacerbated the stressors mentioned above. Our research also shows that psychological hardship could be induced by the perceived threat of parental deportation (Brabeck & Xu 2010; Chaudry et al. 2010; Delva et al. 2013; Dreby 2010; Dreby 2012; Perreira & Ornelas 2011; Sanchez et al., 2008; Sullivan & Rehm 2005). Thus, while citizen-children who suffer parental deportation experience the most severe consequences associated with immigration enforcement, our findings also suggest that the burden of mental health issues extends to those children who are concomitantly affected by immigration enforcement policies that target their undocumented parents (Chaudry et al. 2010; Dreby 2010; Dreby 2012; Dreby 2014; Sanchez-Huesca et al. 2008; Suarez-Orozco et al. 2010).
Strengths and Limitations

Our study demonstrates the strengths of documenting mental health issues experienced by citizen-children through an integrative, mixed-method research design. Such a design facilitates an objective assessment of mental health status in ways that attend to the meanings, experiences, and perceived causes of poor mental health. Despite the strengths of our research design, it is important to note the limitations of our study. Our analysis is based on data gathered with mixed-status Mexican families. This limits the ability to generalize our findings across immigrant groups or individuals living outside the study area. Given the cross-sectional nature of our data, we cannot make claims about the causality of mental health outcomes. Instead, our results provide a description of those factors that children deemed as salient. There is continued need for longitudinal research to try to ascertain modes of causality, although we acknowledge the difficulties associated with accessing this vulnerable and highly mobile population over time. These challenges could be met through long-term engagements and development of trust in communities most affected by immigration enforcement, in addition to the development of collaborative research relationships that bypass disciplinary and national boundaries.

Conclusions

Despite the limitations of this study, our findings offer several implications for future research. Recently, scholars have begun to consider immigration status as a social determinant of health (Castañeda et al. 2015). To date, this research has focused primarily on physical health and access to healthcare. Our research extends this body of work to show the continued need to monitor the prevalence and severity of effects of immigration policies on mental health, and it is crucial that we identify how fears of or direct encounters with immigration enforcement contribute to poor mental health across the life span. Ultimately, the empirical documentation of mental health issues experienced by citizen-children in mixed-status families is vital to the development of informed health services and policy. The significance of this research is underscored by the potential to highlight broader health impacts associated with policies that support parental deportation, including attention to the more widespread and potentially long-term suffering incurred by living with an undocumented parent.

Acknowledgments

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References


Key Messages

- There is a critical need to document the mental health effects of immigration policies and practices on children vulnerable to parental deportation.

- The empirical documentation of mental health issues experienced by citizen-children in mixed-status families is vital to the development of informed health services and policy.

- In our study, U.S. citizen-children affected by parental deportation reported a greater burden of stressors in their lives, although our research also shows that psychological hardship could be induced by the perceived threat of parental deportation.

- This study lends support to research that considers immigration status to be a social determinant of health.
FIGURE 1.
Framework for an Exploratory Integrative Mixed-Method Analytical Design
TABLE 1

Demographic Characteristics of Participants in Sub-Sample

<table>
<thead>
<tr>
<th></th>
<th>Participants with probable depression (N = 16)</th>
<th>Participants with no depression (N = 32)</th>
<th>Total participants (N = 48)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M ± SD n (%)</td>
<td>M ± SD n (%)</td>
<td>M ± SD n (%)</td>
</tr>
<tr>
<td>Age</td>
<td>11.3 ± 2.06 13 (46.9)</td>
<td>11.3 ± 1.93 13 (81.3)</td>
<td>11.3 ± 1.95 28 (58.3)</td>
</tr>
<tr>
<td>Gender (female)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>School enrollment (yes)</td>
<td>15 (83.8)</td>
<td>32 (100.0)</td>
<td>47 (97.9)</td>
</tr>
<tr>
<td>Living arrangement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Both parents</td>
<td>12 (75.0)</td>
<td>22 (68.8)</td>
<td>34 (70.8)</td>
</tr>
<tr>
<td>One parent</td>
<td>3 (18.8)</td>
<td>9 (28.1)</td>
<td>12 (25.0)</td>
</tr>
<tr>
<td>No parents</td>
<td>1 (6.3)</td>
<td>1 (3.1)</td>
<td>2 (4.2)</td>
</tr>
<tr>
<td>Deportation Experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Directly affected</td>
<td>12 (75.0)</td>
<td>16 (50.0)</td>
<td>28 (58.3)</td>
</tr>
<tr>
<td>Not directly affected</td>
<td>4 (25.0)</td>
<td>16 (50.0)</td>
<td>20 (41.7)</td>
</tr>
<tr>
<td>CDI-2</td>
<td>70.6 ± 8.65</td>
<td>45.9 ± 4.54</td>
<td>54.2 ± 13.3</td>
</tr>
</tbody>
</table>
### TABLE 2
Qualitative Coding Framework Developed from Thematic Analysis of Interviews with U.S. Citizen-Children (n = 48)

<table>
<thead>
<tr>
<th>Theme</th>
<th>Definition</th>
<th>Example of theme in interview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inability to communicate with friends</td>
<td>An explicit reference to the ways in which youth feel inhibited in their conversations with friends (i.e., children they identify as friends) and / or the reasons why.</td>
<td>“I haven’t really told them about my situation. They always ask me, though. They’re like, ‘What’s wrong.’”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“They don’t know. I’ve never told them. I don’t talk to them about this or to anyone really. Because my mom tells me not to tell anyone she doesn’t have papers because I can get her in trouble if I do.”</td>
</tr>
<tr>
<td>Negative perceptions of Mexico</td>
<td>Reference to feelings of fear, lack of safety, worry, stress, sadness, etc., that stem from having a negative perception of Mexico; perceptions can be the result of things learned through media, conversations with friends/family, or direct experience.</td>
<td>“Here, there are only gang members, drug addicts, and drunks. Because of this, I don’t like to leave the house.”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“I don’t like it ‘cause my mom tells me that they rob a lot over there. And one time I heard my dad say that a friend called him that his sister died ‘cause they lived in Mexico. ‘Cause his sister, they robbed her, and then they found her with her head cut off, and her heart out. Well, I heard that. Since that day, I didn’t want to move to Mexico.”</td>
</tr>
<tr>
<td>Financial struggles</td>
<td>Socioeconomic strain as referenced through a description of parent’s (un)employment status, inability to meet subsistence needs, or ways in which family members find ways to supplement household income.</td>
<td>“My dad told me once that he would like to have another job but he can’t because he doesn’t have any papers. But I know he wants another job because he wants to earn more money. He was thinking of taking a job for more hours, but then at the end, he decided not to because he would have to be there all the time, and we wouldn’t be able to see him. So he didn’t take that job at the end. It’s like, it makes me kind of sad because he can’t get a regular job with regular hours that would pay him more money.”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“It was more than ten people living at my aunt’s house, and she didn’t have enough money for us so she got most of the teachers … They donated food and clothes for my little brother and all the stuff that a baby needs. And I remember coming home from school with a lot of bags full of like food and diapers and other stuff.”</td>
</tr>
<tr>
<td>Loss of supportive school networks</td>
<td>Descriptions of a halt in supportive school relationships or services, including school administration, counselors, teachers, but also classmates.</td>
<td>“I’ve talked to my teachers. Because they noticed I’ve been going down, and they didn’t know what it was. They noticed my behavior was also weird and grew worse. And I talked to them about it. They were really supportive. But I don’t have anyone. Now that school’s over, I really don’t.”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“Here [in Mexico], they don’t help you. They might say they are going to help you, but they never help you.”</td>
</tr>
<tr>
<td>Violence</td>
<td>Description of experiences of physical or sexual abuse, or witnessing domestic violence.</td>
<td>“One day, my dad got really mad, really, really, really mad. He grabbed my mom and began to choke her.”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“We had problems with the mother of my aunt. Because she hurt us a lot.”</td>
</tr>
</tbody>
</table>

Notes. The table includes only those themes discussed by five or more participants. Additional themes mentioned by participants with less frequency included experiences of discrimination; parental divorce or separation unrelated to immigration enforcement procedures; death of a nuclear or extended kin member; illness within the family; and conflict with friends, peers, or boyfriends.
TABLE 3

The Frequency of Qualitative Themes across Participant Sub-Groups

<table>
<thead>
<tr>
<th>Theme</th>
<th>Probable depression (n = 16)</th>
<th>No depression (n = 32)</th>
<th>Total (N = 48)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Affected by deportation (n = 12)</td>
<td>Not affected by deportation (n = 4)</td>
<td>Sub-Total (n = 16)</td>
</tr>
<tr>
<td>Inability to communicate with friends</td>
<td>n (%)</td>
<td>n (%)</td>
<td>n (%)</td>
</tr>
<tr>
<td>Financial struggles</td>
<td>7 (58)</td>
<td>3 (75)</td>
<td>10 (62)</td>
</tr>
<tr>
<td>Loss of supportive school network</td>
<td>6 (50)</td>
<td>2 (50)</td>
<td>8 (50)</td>
</tr>
<tr>
<td>Stressed relations with parent(s)</td>
<td>7 (58)</td>
<td>0 (0)</td>
<td>7 (44)</td>
</tr>
<tr>
<td>Violence</td>
<td>6 (50)</td>
<td>2 (50)</td>
<td>8 (50)</td>
</tr>
<tr>
<td></td>
<td>6 (50)</td>
<td>0 (0)</td>
<td>6 (38)</td>
</tr>
</tbody>
</table>

Notes. The percent total represented in the last column represents the sub-total sums for a given theme divided by the total number of participants (n = 48). It should be noted that this table does not represent an exhaustive list of themes. It includes only those themes discussed by five or more participants. Additional themes mentioned by participants with less frequency included experiences of discrimination; parental divorce or separation unrelated to immigration enforcement procedures; death of a nuclear or extended kin member; illness within the family; and conflict with friends, peers, or boyfriends.