

# Community Health Needs Assessment

LOS NIÑOS HOSPITAL  
2016 – 2018



# Summary

The United States Congress approved the Patient Protection and Affordable Care Act in 2010. This legislation requires that 501(c)(3) hospital organizations conduct a Community Health Needs Assessment (CHNA) every three years and adopt an implementation strategy to address the health needs identified.

This assessment adheres to all of the federal requirements of the Patient Protection and Affordable Care Act (ACA) and is made publicly available via the hospital's website at [www.haciendahealthcare.org](http://www.haciendahealthcare.org).

# Implementation Strategy

# Implementation Strategy

This plan represents Los Niños Hospital's strategy to address the significant health need identified as water-related incidents to include the Hispanic community. Our goal is to increase awareness about water safety in the community and to increase resources to and awareness of the importance of swimming lessons and pool barriers.

## STRATEGY 1

Connect community organizations to community members to increase use of resources

- Partner with community organizations that provide low cost swim lessons and pool barriers.
- Identify low socioeconomic areas/impooverished areas of community for focus and include these available resources when presenting to apartment complex, school districts in these areas.

## STRATEGY 2

Develop relationships with Spanish media to further awareness

- Create public service announcements that are culturally relevant to the Hispanic community.
- Sponsor Hispanic athletic team events and provide presentations/resources.

## STRATEGY 3

Build relationships with Hispanic social service organizations in order to target vulnerable populations with measurable impact

- Collaborate with other organizations (such as the Hispanic Chamber of Commerce, Chicanos Por La Causa, etc.) to support grassroots outreach efforts.
- Use the organizations' reach to disseminate information related to water safety resources.

## ANTICIPATED OUTCOMES

- More families, including Hispanic families, will be educated about water-related safety, thus reducing unnecessary injuries and fatalities.
- More families, including Hispanic families, will have access to water-safety related resources available, thus reducing unnecessary injuries and fatalities.
- Increased awareness throughout the community, including Hispanic families, thus reducing unnecessary injuries and fatalities.



### INPUT RECEIVED ON MOST RECENT CHNA AND IMPLEMENTATION STRATEGY

Phoenix Children’s Hospital representatives shared with us “Research that Matters: Pediatric Drownings in the State of Arizona” when they learned of our assessment and focus. PCH’s Injury Prevention Center includes a water safety program and targets high-risk populations according to their research. Since Los Niños Hospital does not have the resources to conduct such high level research, use of this data creates an opportunity for Los Niños Hospital to focus our prevention efforts where they matter most and helps further our implementation strategy.

### IMPACT OF ACTIONS SINCE PRECEDING CHNA

Los Niños Hospital distributed water-safety related information and resources to a multitude of organizations and individuals, presented on water-safety and drowning prevention at numerous community events and conferences, clients’ families received education and resources upon discharge, and employees received education and resources during employee events.

The exact number of families reached through our efforts is unattainable given the nature of the activities, however, over 15,000 water safety bags were

distributed to the community, 100,000 fliers with Adam’s non-fatal drowning story were distributed to the community, resources were provided to Los Niños Hospital and its parent company which have over 650 employees, and over a dozen presentations were made at community events. The Community’s access to resources and education materials on water-safety and drowning prevention were improved through these efforts.

### 2013-2015 Community Benefit Activities

- Distribution of water safety bags and presentation on water safety to the following groups at events, conferences and exhibitions:
  - Chamber of Commerce
  - Real Estate Agents
  - School Districts
  - Los Niños Hospital employees
  - Public Libraries
  - Valley of the Sun Kiwanis Club at Chase Field -Home Run for Kids
  - Pool & Spa Trade Show

- Squaw Peak Rotary Club
- Health & Fitness Expo, Fiesta Mall
- Federal Employee Giving Campaign
  - Federal Correctional Facility employees
  - Luke Air Force Base employees
  - VA Hospital employees
  - Social Security Offices employees
  - Federal Bureau of Investigation offices employees
  - Post Offices employees
- Monthly meeting as an Advisory Board Member to the Drowning Prevention Coalition of Arizona
- Provided tour for City of Phoenix Lifeguards; presentation on surviving drowning victims
- Hacienda founder, Ilene Butler, Special Event Dedication at Hacienda Healthcare; presentation on water safety plus guest speakers
- Collaborated with the Banner Foundation; provided 100,000 fliers of “Adam’s Story” and his tragic non-fatal drowning accident to be included in their water safety events
- Collaborated with the Squaw Peak Rotary Club; presented on water-safety and provided fliers at events they sponsor
- Presentation on water-safety at DC Ranch Village Event
- Presentation on water-safety at the Drowning Prevention Coalition of Arizona 25th year Celebration Breakfast
- Attended the National Drowning Prevention Alliance Conference in Dallas TX

# About Los Niños Hospital

Los Niños Hospital is a 15-bed, nonprofit hospital. It was founded in 1994, at the bequest of physicians, health plans, patient care advocates and legislators, in order to serve a need in the valley for transitional acute and subacute care for medically fragile/complex pediatric patients.

Los Niños Hospital is a small hospital. It is governed by a board of directors and is licensed as a specialty hospital with a pediatric designation. Los Niños Hospital, unlike other Valley pediatric hospitals, does not have an emergency room or surgery capabilities.

Located in central Phoenix in Maricopa County, Arizona, Los Niños Hospital is the leading provider of step down pediatric care in the state. In 2015, 91% of patients served by Los Niños Hospital arrived via transfer from another tertiary-care hospital in order to receive sub-acute care and training for their caregivers so they could go home safely. Nine-percent of patients were directly admitted by pediatricians' offices. Transfers from Phoenix Children's Hospital accounted for 27% of our total admissions in 2015 while transfers from the Banner Health System accounted for 31% and transfers from the Maricopa Integrated Health System accounted for 24%.

Los Niños Hospital has a dedicated and skilled team of providers working together towards the common goal of getting children home safely and efficiently. At Los Niños Hospital we provide care that includes, but is not limited to caregiver training, intravenous therapy, total parenteral nutrition

Many of the infants and children that we see are from families that face additional barriers to discharge. These barriers come in many forms: language, social, emotional, financial and even environmental. Our goal is to make sure families and their children are able to go home in the safest manner possible.

***...working together towards the common goal of getting children home safely and efficiently.***

therapy, central line care, complex wound care, gastrostomy and nasogastric tube feeding, oxygen administration, tracheostomy care, and ventilator management. Our family training and discharge planning starts on day one of admission and allows our families a safe environment to learn to manage their child's care without frequent return visits to the ER or hospital.

Los Niños Hospital's mission is to serve the medical community and the children and families of the greater Phoenix area by providing quality medical care in a nurturing environment and in doing so become the recognized leader in subacute pediatric care in Arizona.

# The Community We Serve

The community Los Niños Hospital serves, consists mainly of medically underserved, low-income and minority populations. Los Niños Hospital serves pediatric patients only. The average age of our admissions in 2015 was 28.9 months old.

The overwhelming majority of our patients are Medicaid recipients. We service the highest number of Medicaid patients of any hospital provider in the state, 94% in 2015. Most families of our patients have more than one child and face additional barriers to health access and have multiple social support needs. In 2015, 73% of the patients admitted to Los Niños Hospital were of Hispanic ethnicity.

When families are faced with additional obstacles such as language barriers, inadequate resources, lack of education etc. they often require more time to train on their child’s healthcare needs before they can safely go home with new medical equipment and/or learn how to care for them appropriately. Tertiary care hospitals are more expensive than Los Niños Hospital and oftentimes they do not have the resources to effectively provide one-on-one training and case management. Los Niños Hospital provides a less costly bridge to home for these families and their children.

Snapshot of 2015 Los Niños Hospital Stats*	
Admissions	93
Patient Days	1,075
Medicaid recipients	94%
Average age of admit	28.9 months old
Ethnicity	73% Hispanic
Transfers from another hospital	91%
Direct Admits	9%

\*Data gathered from Los Niños Hospital Inpatient Records

## COMMUNITY DESCRIPTION

Los Niños Hospital’s geographic community consists of Maricopa County. The majority of Los Niños Hospital’s admissions come from the following tertiary care hospitals in Maricopa County: Phoenix Children’s Hospital, Banner Health System, and the Maricopa Integrated Health System. Key statistics provided by *Community Commons*, (using the US Census Bureau, American Community Survey 2010-2014) regarding the

community Los Niños Hospital serves in Maricopa County include:

- Maricopa County is the 4th most populous county in the U.S.
- Maricopa County encompasses 9,224 square miles including 27 cities and towns, five American Indian Reservations

## Families with Children

Report Area	Total Households	Total Family Households	Families with Children (Under Age 18)	Families with Children (Under Age 18), % of Total HH
Maricopa County, AZ	1,424,244	935,257	475,746	33.4%
Arizona	2,387,246	1,569,399	760,670	31.86%
United States	116,211,088	76,958,064	37,554,348	32.32%

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract

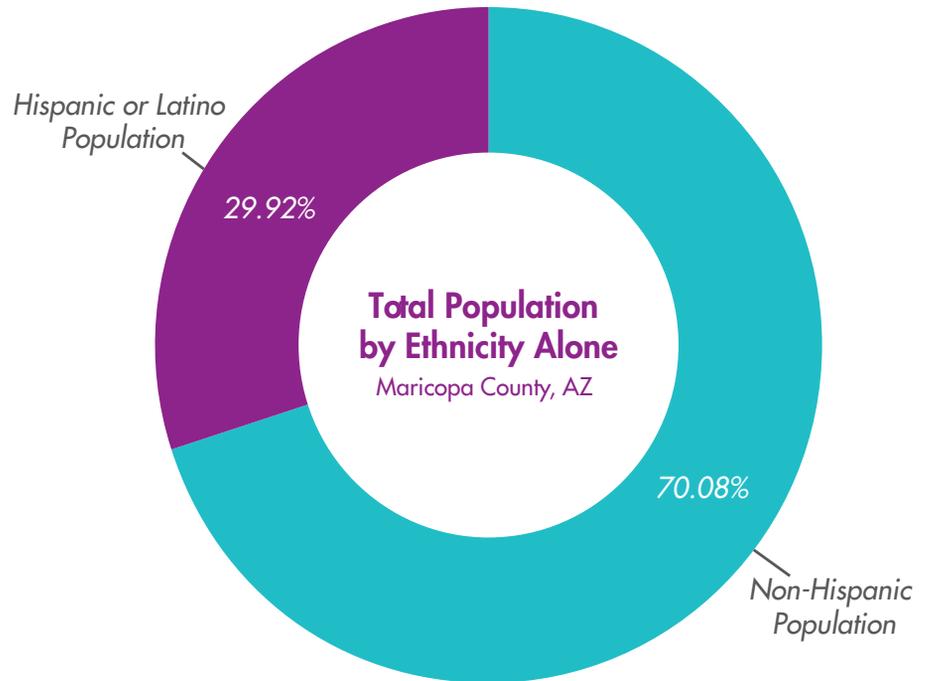
- 1.2 million Hispanics make up 30% of all residents
- 14% of the population does not have a high school diploma
- 17% of the population are living below the federal poverty level

Families with children: 33.4% of all occupied households in Maricopa are family households with one or more children under the age of 18.

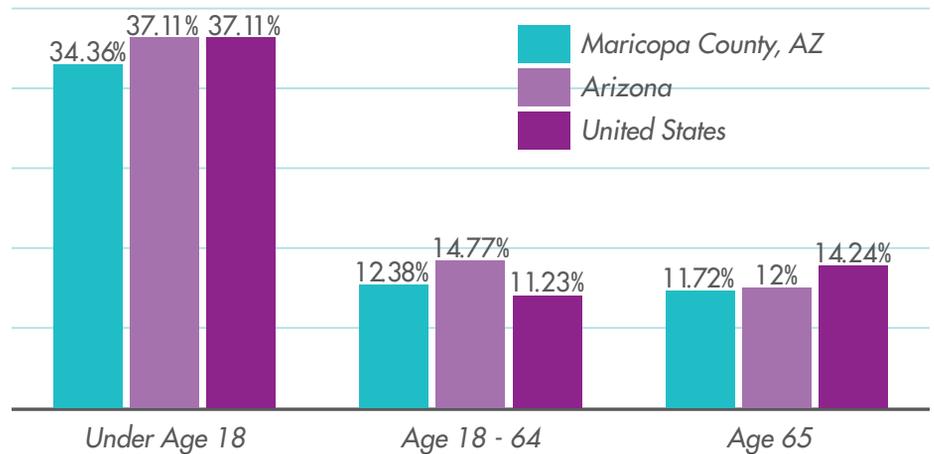
The Hispanic population is the second largest ethnic group in Maricopa, reported at 1,181,100 which is 29.92% of the total. This is greater than the national rate of 16.62%. Of this population, 435,641 are children.

The population of children on Medicaid is 34.36% in Maricopa. This is a vulnerable population which we find are more likely to have multiple health access, health status and social support needs.

In Maricopa, there are 244,118 children living in households with income below the Federal Poverty Level. This creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.



Population Receiving Medicaid by Age Group, Percent



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract

### Poverty - Children Below 100% FPL

Report Area	Total Population	Population (Under Age 18)	Population in Poverty (Under Age 18)	% Population in Poverty (Under Age 18)
Maricopa County, AZ	3,895,963	996,466	244,118	24.5%
Arizona	6,411,354	1,593,984	412,809	25.9%
United States	306,226,400	72,637,888	15,907,395	21.9%

Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract

# Process and Methodology

In order to identify the needs within the Los Niños Hospital community we first took into consideration several sources of data. Data compiled at the county level, data compiled by the Public Health Department and data compiled by the health care systems we receive our patients from. This process is an extension of the previous assessment.

In 2014, the Arizona State Health Assessment was published. This assessment includes public input from community members and agencies, surveys from the under-served and minority communities and analysis of data collected through public data banks. The goal of the assessment is to give healthcare systems a tool to improve health and wellness outcomes. Los Niños Hospital used this data to assess the health needs of our community.

In 2015, the Maricopa County Department of Public Health and Maricopa County area nonprofit hospitals reached an agreement to share health data. All four health care systems; Banner Health, Dignity Health, Scottsdale Healthcare (HonorHealth ) and Mayo Clinic provided data as well as Phoenix Children's Health Plan. Health care partners are often serving the same or portions of the same communities across Maricopa County. This partnership is even more

apparent at Los Niños Hospital where over 60% of admissions in 2015 came from hospitals participating in this coordinated assessment. Los Niños Hospital used this shared information as provided by the Maricopa County Coordinated Community Health Needs Assessment: Dignity Health, as a tool to assess the health needs of our community.

The Arizona State Health Assessment and the Maricopa County Coordinated Community Health Needs Assessment included input from community members and organizations as well as surveys done by under-served and minority members of the community. Los Niños Hospital solicits input from persons representing the community's interests via email and through our Marketing and Philanthropy Department meetings with various organizations and agencies. Los Niños Hospital also continues to receive feedback from family members via surveys conducted prior to discharge

regarding perceived community health needs, and incorporate them into our assessments.

In order to determine what we considered to be a significant community health need, a committee was commissioned to guide the process. The committee analyzed the community health needs identified through the assessments, survey and input from other organizations and the initiatives relating more specifically to families served by Los Niños Hospital were distinguished from others. This subset of initiatives was then ranked according to hospital resources, outreach and program development supports available and one was chosen as the focus.

An implementation strategy to address the initiative identified as our focus was forged based on input from Los Niños Hospital leadership and committee members. The Los Niños Hospital Board

of Directors has approved this CHNA and implementation strategy. Written comments on this report can be submitted by email to CHNA@HaciendaHealthCare.org.

Information gaps to be considered that limit the ability to assess health needs were identified. A hospital the size of Los Niños Hospital has very little resources to devote to ancillary data management. Few demographic criteria are available for analysis. Most statistical information specific to the hospital is gathered manually which may be susceptible to human error.

## SUMMARY OF COMMUNITY HEALTH NEEDS

### Access to Health Care

A report from the Center for Children and Families from Georgetown University's Health Policy Institute used Arizona's loss of its Children's Health Insurance Program (CHIP) as an example to the rest of the United States about the gaps in coverage for our children.

- On January 31, 2014 Kids Care II ended and the Kids Care enrollment freeze remained in effect. This left approximately 14,000 children in Arizona without health care coverage. Their families were referred to the ACA's new federal health insurance marketplace where some of them could potentially purchase health insurance.
- The Hispanic population is least likely to have health insurance coverage.

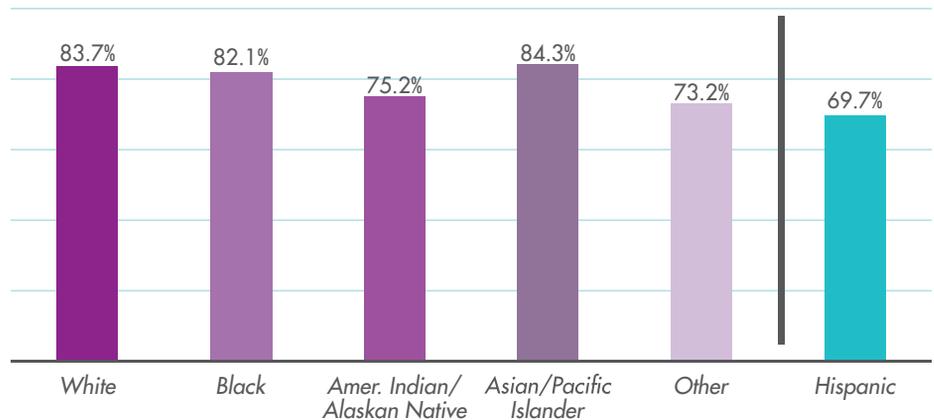
### Obesity

The 2011 Pediatric Nutrition Surveillance Report by the CDC gave insight to the state of our obesity issues.

- 14.4% of children under the age of five, are categorized as obese.
- Of this same group, the highest rate of obesity is in the American Indian population at 20.8% and

## Percent of Population with Health Insurance Coverage, by Race and Ethnicity,

Maricopa County, AZ, 2013



Data Source: US Census Bureau, American Community Survey. 2010-14. Source geography: Tract

Hispanic population at 17.5%.

The Maricopa County Department of Public Health also reported obesity statistics in their 2012 Community Health Assessment:

- More than 20% of Maricopa County Residents are obese and more than 40% are overweight.
- For children, 1 in 7 are children in Maricopa County are obese and 15.5% of children 5 years of age or younger are also obese.
- Hispanics are affected more than Caucasians relative to obesity with 32.8% and 22.8% rates respectively.
- Maricopa County Department of Public Health has ranked obesity the second most important health problem and continues to be a growing issue with children.

### Diabetes

According to the American Diabetes Association, Diabetes remains the seventh leading cause of death in the United States.

- 1.4 million people are diagnosed with diabetes every year.

- Still, approximately 8.1 million are undiagnosed.
- The ethnicities most affected are Native American, 15.9% and Non-Hispanic Blacks at 13.2%.
- Additionally in Maricopa County in 2010, 5,407 emergency room visits, 6,378 hospital visits and 7,083 of potential life loss resulted from diabetes.

### Injury Prevention

The Arizona Department of Health Services publishes reports on Accidental Deaths every 10 years. This last report was released in 2012.

- This report shows that the deaths per year among children 1-14 years old in Arizona for 2002-2012 was 19 due to accidental drowning and submersion and 34 due to motor vehicle-related accidents.
- According to the Maricopa County Health Status Report of March 2012, the death rate for unintentional injuries in 2010 is reported as the highest in the American Indian population at 68.5 deaths per 100,000 persons. The next highest group affected by injury was whites with 44 deaths per

100,000 persons.

- The Water-Related Incidents in Maricopa County report of 2014 shows that in the City of Phoenix alone, 18 children aged 0-4 had life-threatening water related incidents, 3 ages 5-14, and then 3 in the broad age range of 15-34.
- The majority of these incidents occurred with in-ground pools per the report. (34 out of 43 incidents in the county total.)
- The report shows that males represent the majority of pool-related victims with 72% of the cases.

## Oral Health Care

According to the Arizona Healthy Smiles Healthy Bodies Survey of 2015 our state is struggling in the oral health category.

- More than half of Arizona's kindergarten children (52%) have a history of tooth decay, higher than the national average for 5 year old children (36%).
- Approximately 2 out of 3 third-grade children (64%) have a history of tooth decay, compared to 52% of third grade children in the general U.S. population.
- According to First Things First, only 37% of children under five in Maricopa County had visited a dentist in the last six months and nearly 40% had never been to a dentist. This study also noted that it appeared there was a lack of understanding of the significance of oral health care for very young children since the most frequent reason given for their child never having visited a dentist were: "not old enough" and "no reason/

problems".

## Prenatal Outreach

Information from the CDC's VitalStats online tool states that nationally, 37% of expectant mothers received late or no prenatal care in 2014.

- The Healthy People 2020 initiative has set a goal of increasing the proportion of pregnant women who receive care in the first trimester from 71% in 2007 to 78% in 2020, as well as a goal to increase the proportion of pregnant women who receive early and adequate prenatal care from 70.5% in 2007 to 77.6% in 2020.
- According to First Things First, more than 40% of women giving birth in the Central Phoenix Region did not have a high school diploma or GED and more than 14% of all households in this region are considered to be linguistically isolated.

## Developmental and Sensory Screening

According to the Kids Count Data Center website, 26% of all children ages 0 to 5 years were at risk for developmental delay.

- 31% of children ages 0 to 5 years in families who were below 200% of the Federal Poverty Level were at risk for developmental delay.
- In Arizona alone, 28% of all children ages 0 to 5 years were at risk for developmental delay.

According to First Things First, in 2011, 84% of the 173 students in the Arizona Early Intervention Program were found eligible for services but families were turned away from programs due to shortages in services. Another way families can receive developmental screening is through their Primary Care

Physician but they have to know to ask for the screenings.

## POTENTIAL RESOURCES

There are services and programs available that are currently addressing the identified health needs through hospitals, government agencies and community based organizations. The following lists identify some of the resources available.

### Access to Health Care

- Affordable Care Act
- Keogh Health Connection
- Mission of Mercy Mobile Health Program
- Circle the City
- Mountain Park Health Center
- Clinica Adelante
- Faith Community/Churches
- Community Action Program
- Indian Health Services

### Obesity

- Let's Move
- Head Start/Early Head Start
- AZ Home Visiting Alliance
- Excelsior College
- Greater Valley Area Health Education Center
- Nurse Family Partnership
- Native Health
- Maricopa Integrated Health System Clinics
- WIC

### Diabetes

- Arizona Diabetes Coalition
- Maricopa County Department of Public Health
- Phoenix Children's Hospital; Diabetes Center
- Arizona Diabetes and Clinical Nutrition Prevention Services
- St. Vincent de Paul
- Arizona Integrative Medical Solutions
- Arizona Perinatal Care Centers
- Maricopa Integrated Health System

### Injury Prevention

- Centers for Disease Control
- Safe Kids Worldwide

- Pool Safely
- American Red Cross
- SRP Water Safety
- Safe Kids Coalition for Maricopa County
- Association of Supportive Child Care
- Department of Child Safety
- Phoenix Fire and Police Departments
- Governor's Office of Highway Safety
- Hospital Delivery Wards
- Child Care centers
- Friendly House

## Oral Health Care

- St. Vincent de Paul
- Chicanos Por La Causa
- Arizona Home Visiting Alliance
- Excelsior College Nursing Students
- Greater Valley Area Health Education Center
- Nurse Family Partnership
- Native Health
- Maricopa Integrated Health Systems

## Prenatal Outreach

- March of Dimes
- Crisis Nursery
- Arizona Department of Health Services, Native Health
- Arizona Department of Health Services, Bureau of Nutrition & Physician Activity
- Maricopa Integrated Health System
- Phoenix Early Head Start
- UMOM Wellness Center
- Southwest Human Development Early Head Start
- Southwest Human Development Healthy Families
- Maggie's Place
- MIHS, New Hope Teen Pregnancy Program

## Developmental and Sensory Screening

- School Districts
- Southwest Human Development
- Vision Quest 20/20
- Arizona Early Intervention Program
- EAR Foundation for AZ Basics
- Child Care Health Consultant Program
- Chicanos Por La Causa

- Fresh Start Women
- Homeward Bound
- Arizona Child Care Association
- Physician's Offices
- Wesley Health Center
- Friendly House Day Care Center
- United Cerebral Palsy of Central Arizona

## Other Resources

- Birth to Five Helpline
- Arizona Parent Kit
- First Things First

## CONCLUSION

Due to the small size of our business model we recognize that we do not have the resources to focus on an implementation strategy for all of the significant health needs identified as important to the Los Niños Hospital community. It was also determined that there are a significant number of potential resources that are already committed to each of the needs identified.

In the last assessment, the area of unintentional injury, more specifically, water-related incidents, was determined to be a significant health need that we could effectively address. Efforts regarding this implementation strategy as identified in the last assessment have uncovered additional needs Los Niños Hospital has the ability to address further.

According to the Drowning Prevention Coalition of Arizona Strategic Goals and Objectives: Unintentional Drowning 2011-2015, their first strategic intervention goal is to, "Increase public awareness about water safety in Arizona." Other strategic goals are to, "Address the role of swimming lessons as a layer of protection" and "Emphasize the importance of pool barriers as a layer of protection."

We have found that within the Central Phoenix Region there are significant language barriers. Having incorporated the Drowning Prevention Coalition's goals into our own implementation strategy, it's become evident through our community benefit activities of the last

three years that although data indicates when child fatalities are reviewed, 52% of cases involved children of Hispanic descent, there is a lack of resources for the Hispanic population. While most brochures and literature are available in Spanish there seems to be a void in actually reaching the Hispanic population and these resources and literature are not finding their way into the communities.

These are the same communities that face financial barriers in addition to language barriers. When identifying swim schools that provide low-cost or subsidized lessons for Spanish speaking families, only one swim school in the Phoenix area provides Spanish speaking instructors. According to a USA Swimming study in 2013, around 58% of children of Hispanic and Latino origin cannot adequately swim.

There is still much to do in the area of water-related safety within our community. Los Niños Hospital can use the relationships it's developed and the resources it's developed in this area in order to provide for education and awareness throughout the Hispanic community.

## CHNA WORKS CITED REPORTS

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Hacienda  
HEALTHCARE

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