FINAL REPORT

OF

HEALTH IMPACT ASSESSMENT

FOR

FIRST THINGS FIRST - CENTRAL PHOENIX REGION

SUBMITTED TO

CENTRAL PHOENIX REGIONAL COUNCIL

SUBMITTED BY

RESEARCH ADVISORY SERVICES, INC.

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FINAL REPORT OF HEALTH IMPACT ASSESSMENT

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Preface

The Health Impact Assessment is intended to provide the First Things First Central Phoenix Regional Partnership Council with the results of a thorough assessment of health-related services within the Region and suggestions for discussion and decision making as the Council determines funding strategies for the coming funding cycle.

The Health Impact Assessment is being conducted by Research Advisory Services, Inc., a Phoenix-based general-practice research firm. The firm was the successful bidder on State of Arizona RFQ No. ECDH13-00002, awarded August 30, 2012. The work is authorized under FY13 Purchase Order A130146, issued September 13, 2012.

This Final Report contains the consultant's suggestions based on survey results from service providers and a search of services in the five topic areas specified by the Regional Council:

1. Injury Prevention
2. Prenatal Outreach
3. Oral Healthcare
4. Nutrition and Obesity Prevention
5. Developmental and Sensory Screening

The primary assessment sources were: (1) a survey of key stakeholders with organizations providing services in the study topic areas; (2) interpretations of the "Central Phoenix Needs and Assets Report, 2012" published by First Things First Central Phoenix Regional Partnership Council on August 31, 2012; and (3) Internet research by the firm's research professionals.

The survey of service providers was conducted by the consultant, with the assistance of the Central Phoenix Region staff. The survey could not be conducted as a statistical sample that could be extrapolated to the universe of all providers in each topic area; there were not enough providers in any of the five topic areas to support statistical confidence. The survey was intended to provide an 'aggregate anecdotal' picture of services in the Central Phoenix Region.

Over one hundred agencies and organizations were contacted and asked to identify contact people in each of their programs serving young children. Those contacts were then sent one or more survey forms, depending on the combinations of study topics they provided. Completed surveys were logged in as they were returned. The consultant conducted two rounds of follow-up calls or emails to encourage participation. A total of seventy-seven completed surveys were tabulated. About a dozen organizations responded that the survey was not applicable to their programs, and about two dozen organizations did not respond at all, even after three contact attempts.

Overall considerations

Based on the assessment of Census Tract data, there were a disproportionate number of low income families found living in pockets or neighborhoods within the Central Phoenix Region. In addition, there were a disproportionate number of single mothers and a disproportionate number of people age 25 and older with less than a high school degree. These findings illustrate that programs being implemented in the Region should focus on these populations of greatest need and that health literacy should be considered in program implementation.

Section 1: Injury Prevention Programs and Services

Overview

While the First Things First injury prevention programs are unquestionably an asset, findings from the Health Impact Assessment (HIA) surveys indicate that there is a shortage of funding to adequately serve the needs of the Central Phoenix Region, particularly in the areas of education for car seat and crib safety, distribution of car seats, and drowning prevention strategies.

Injury rates and priorities based on available data

Data from the Arizona Child Fatality Review Team's recently released 19th Annual Report provides a statewide picture of injury prevention. During 2011, 837 children under age 18 died in Arizona. The conclusion of the Fatality Review Team was that 35% of the deaths were preventable. The Fatality Team found that more than half of the children who died in the home environment were under the age of one. Sixty-four of those deaths were due to unsafe sleeping environments. Over one hundred of the child deaths were in or around the home, with thirteen of those deaths due to drowning.

Nearly half of the child fatalities in the state were due to the lack or improper use of vehicle restraints in motor vehicle crashes or other transportation accidents. Fatality statistics at the county level will not be available until February 2013.

Injury Prevention Needs

Inability to meet needs in the Region

Surveys were received from eight organizations representing ten different injury prevention programs. Of these ten programs, only one reported having had the ability to serve all the families that requested services. Seven programs were unable to serve all those who requested services and two programs did not respond. The most frequent reasons given for the inability to serve all families requesting services were "lack of funding" and "need is greater than supply". Other reasons included a shortage of trained personnel to deliver products and provide in-home education on their correct use, and fluctuations in funding limiting resources and personnel.

Injury prevention one of top priorities

Although Injury prevention programs were mentioned only twice in the "Needs and Assets Report, 2012", (the "Report") they were identified as one of the top nine priorities for the First Things First Central Phoenix Region and were described by regional stakeholders as one of several assets. However, these types of services may fall within the category of mentoring and support for parents and caregivers which the Report identified as among the top three funding priorities for the First Things First Central Phoenix Region. Furthermore, the Report indicates that nearly half (42%) of on-line survey respondents stated that quantity, access and quality of mentoring and support services were equally important. Nearly one-third (31%) stated that more of these services are needed. Injury prevention services may also fall within the category of some of the "missing services" identified in the report, including: access to resources that support families with young children (reported by 55% of on-line survey respondents); parent coaching/education (reported by 45% of on-line survey respondents); and health promotion and disease prevention (reported by 34% of on-line survey respondents).

Summary of HIA Survey Responses about Programs and Services Provided

Types of programs and number of families served

Child car seat safety	Six programs reported total of 9,162 families served
"Back to Sleep" advocacy	Five programs reported total of 2,917 families served
Fire and CO_2 monitoring	Five programs reported total of 1,477 families served
Safety latches	Four programs reported total of 2,102 families served
Safe cribs	Five programs reported total of 1,860 families served
Pool and water safety	Five programs reported total of 2,608 families served
Scalding safety	Six programs reported total of 7,458 families served
Lead poisoning prevention	Three programs mentioned this service, with no numbers
CPR/First Aid	Two programs reported total of 284 families served
Shaken baby prevention	One program reported total of 200 families served
Sexual abuse prevention	One program reported total of 80 families served

Safety equipment provided to families

Seven of the programs report that equipment is provided; three of the responding programs do not provide equipment.

Injury prevention services or issues not currently or sufficiently addressed, in survey respondents' own words:

- ✓ Poisoning education, especially for lead and pesticides
- ✓ Home visitation personnel, hospitals and physicians are lax about providing awareness of detrimental infant sleeping modalities
- ✓ Insufficient amount of services being provided in most categories of preventable injury
- ✓ Need more funding for equipment and services to expand all injury prevention programs.
- ✓ Services to homeless families in shelters, on-site
- ✓ More funding needed for car seats and cribs
- ✓ Child passenger safety is an enormous service gap
- ✓ Training for Head Start families regarding smoke detectors and emergency escape plans
- ✓ Education to prevent furniture tip-overs
- ✓ Establish an Injury Prevention Center resource network for agencies and training for families and staff who care for children
- ✓ More first aid and CPR training is needed
- ✓ Education on helmet use, especially for preschoolers
- ✓ Safety alerts, conferences and product review
- ✓ Medical residents and fellows in training need injury prevention information

Injury Prevention Collaboration

Of the survey respondent in this topic area, collaboration was identified among many governmental and community agencies, faith based organizations, school districts, and numerous medical providers.

Maricopa Integrated Healthy System (MIHS) partnerships for injury prevention services are partially funded by Central Phoenix First Things First. Their involvement in the community is rich and varied including partnerships with Phoenix Children's Hospital, Valley of the Sun United Way, Association of Supportive Child Care, Southwest Human Development and the City of Phoenix Head Starts. There is a

focus in these efforts on a "train the trainer" so preschool teachers are fully aware and can effectively interface with the parents on various safety issues. The model is also utilized in the training of caregivers in the model of delivery of delivery of child care under the Association of Supportive Child Care.

The Arizona Department of Health Services does not traditionally provide direct services in this area, but is an active community partner through provision of grant funds and as a facilitator in establishing policy direction for this topic area across the State.

The Maricopa Department of Public Health is engaged in numerous collaborations and referrals for injury prevention programs and services, particularly with regard to child car seat safety. These include: Safe Kids Coalition for Maricopa County, Association of Supportive Child Care, CPS, Phoenix Fire and Police Departments, the Governor's Office of Highway Safety, hospital delivery wards and child care centers.

Through their Kith n' Kin Program, the Association of Supportive Child Care (ASCC) is enmeshed in the community, working with faith-based organizations, school districts, community centers and local Head Start programs. In addition, ASCC utilizes ads, a quarterly newsletter and word of mouth for all their programs and services in this topic area. Presentations are frequently made around the community and information is shared at local community health fairs. Key partners of ASCC include the Maricopa County Department of Public Health, MIHS and Southwest Human Development. ASCC receives referrals from local offices of the Department of Economic Security and the Women, Infant & Children program.

Phoenix Children's Hospital (PCH) is another key provider of injury prevention services. The hospital has as its priority children under the age of 4, low-income and minority populations. PCH refers middle-income families to available community resources. To promote the use of safety equipment, a free app has been developed for car safety seats and a Spanish-language version is under development. Some of the outreach methods used by PCH include: making presentations to families and community groups, Twitter and a robust website is under development.

Friendly House, also a First Things First grantee (not a survey respondent and therefore not listed in the charts found in the Appendices), provides injury prevention through a couple of different methods: (1) distribution of home and care safety devices after a family assessment is conducted and parents have participated in a n injury prevention training and (2) provision of presentations and distribution of outreach materials.

Although the Phoenix Police and Fire Departments did not respond to the HIA survey, these City departments provide many safety assistance and education programs to the Region's families, directly or through partnerships with the County Department of Public Health and local community groups.

Suggestions for the Council's Consideration

1. Continue to support educational programs that distribute car safety seats and demonstrate the proper use of that equipment. Include in the strategy public and professional education programs that promote the ongoing proper use of car safety seats.

2. Support existing educational programs that help parents and caregivers understand the concept and practice of safe sleep environments for infants. These include:
    a. Providing educational programs at the hospital for new parents about safe sleep environments and referrals for cribs or 'pack-and-plays' that meet safety standards;
    b. Support educational programs and materials at the offices of primary care physicians, obstetricians and pediatricians, and at clinics on the importance of a safe sleep environment to promote discussion with parents, as well as referrals for cribs and pack-and-plays; and
    c. Strengthen existing home visitation programs by educating staff on what concepts include safe sleep environments for infants and promote such practices with the parent/caregiver of the infant.

3. Support a consistent message related to prevention of child drowning. The largest percentage of drowning deaths occurs among children ages one through four years.

4. Encourage participation in community education activities at health fairs, back to school nights, or other public events where educational materials and demonstrations on the proper use car safety seats, helmet usage, scalding prevention, water safety, CPR for children and infants, household furniture non-tip strategies, and fire safety planning. These events will provide handouts as well as hands on demonstration.

Section 2: Nutrition and Obesity Prevention Programs

Overview

Demographic data about families living in poverty and participating in SNAP and WIC programs as reported in the "Needs and Assets Report, 2012" (the "Report"), underscores the need to assist families with young children in the Central Phoenix Region in the area of nutrition. In 2010, more than one-third (35.9%) of households in the Central Phoenix Region with children under age five lived below the poverty level, compared with 15.5% of households in Maricopa County and 17.2% in Arizona (the Report, Exhibit 23-Poverty Status of Families with Children under Five). More than half (55%) of children under age six in the Central Phoenix Region participated in the Supplemental Nutrition Assistance Program in 2011 (extrapolated from the Report, Exhibit 11-Percent, Number and Change in Population and Exhibit 36-Children and Families Participating in SNAP, Age 0-5).

Nutrition and Obesity Prevention Needs

Over a dozen agencies are providing a variety of nutrition and obesity prevention programs in the Central Phoenix Region, yet a third of the HIA survey respondents indicated that funding is limited and numerous suggestions were made to serve perceived unmet needs.

Fourteen agencies responded to the HIA Nutrition and Obesity Prevention Survey, describing a total of eighteen different programs. Ten of the eighteen programs will continue to provide services, seven will continue providing services if funding is available. Ten of the programs are able to serve all those who request their services. Six programs are not able to provide services to all who request them and two programs provided no response.

The most frequent reason for inability to provide services was a lack of funding. Income ineligibility was another reason that not all requests for services could be met.

Summary of HIA Survey Responses about Programs and Services Provided

Types of programs

All eighteen programs focus on some combination of good nutrition, promotion of physical activity, food security, training for caregivers, and technical assistance. Most provide education, some provide funding, and a few programs distribute healthy groceries.

Number of families served

- Eleven programs served a total of 2,956 families in a 12-month period.
- A food-bank respondent reported serving 20,000 families a month.
- Other programs provide training without recording the number of attendees.
- One program is for school-aged children only.

Nutrition and obesity prevention needs or issues not currently or sufficiently addressed, in survey respondents' own words:

- ✓ Increase access to healthy foods
- ✓ Increase access to safe places to be physically active at no cost

- ✓ Increase access to preventative health services through AHCCCS health plans
- ✓ More bilingual nutrition classes, resources and activity calendars
- ✓ Structured family fitness classes
- ✓ Nutritious meal planning and cooking classes that involve kids
- ✓ Classes on-site at grocery stores to help families understand and use food labels
- ✓ Bringing nutrition training into the family's home
- ✓ Increased attention to the connection between mental health and obesity
- ✓ Federal programs to subsidize healthy foods and rein in food advertising to children
- ✓ Work directly with families with children at-risk for obesity, rather than wait until they present in the doctor's office

Nutrition and Obesity Prevention Collaboration

Of the eighteen respondents to the HIA survey, only St. Mary's Food Bank Alliance is a currently funded First Things First agency focused on food security. A handful of responding agencies were involved in collaborative activities with various community agencies. The most common partners were faith-based organizations and school districts. The Arizona Departments of Health Services and Education were the state agencies that respondents mentioned most frequently.

Both state agencies, Department of Health Services and the Department of Education, are not traditionally direct service providers for nutrition and obesity prevention. However, they are active community partners through funding grants and as facilitators in establishing policy direction across the State.

Maricopa Integrated Healthy System (MIHS), a local AHCCCS health plan and frequent collaborator in the community, indicates that they host classes in their family learning center. Information about the program is handled through 1,600 newsletters distributed. Outreach is conducted with community agencies and through health fairs. There are internal referrals from primary care and pediatricians to nutrition programs. Word of mouth is another way that local communities are informed of MIHS programs and resources.

As a coordinator for the child care food program, the Association of Supportive Child Care (ASCC) interfaces with their child care home providers in a more formal relationship to assure compliance with federal guidelines. This federal program promotes good nutrition for children in care settings.

Phoenix Children's Hospital (PCH) has an active nutrition department. There is an "on ward" nutritionist available for hospitalized children to respond to the needs of the child based on his/her medical condition. PCH assists families being discharged from the Newborn Intensive Care Unit, as well as other children with special dietary needs upon discharge from the hospital. The Pediatric Clinic has an onsite nutritionist to assist families with referrals to the community and will assist with any child referred for nutritional or dietary needs or conditions.

Head Start and Early Head Start are highly engaged in collaboration with numerous governmental agencies and community-based organizations to provide nutrition education including: AZ Home Visiting Alliance, Excelsior College nursing students, Greater Valley Area Health Education Center, Nurse Family Partnership, Native Health, MIHS clinics and WIC.

Suggestions for the Council's Consideration

1. Sponsoring bilingual nutrition classes, resources and activity calendars with wide community publicity about the programs. In the community-based education classes, include healthy-cooking demonstrations that promote healthy practices in the kitchen when preparing foods.

2. Underwriting wise grocery-shopping classes for low-income families to teach how to provide nutritious meals on a budget. Utilize educational materials from WIC and USDA that go hand-in-hand with effective, evidence-based nutrition education materials.

3. Encouraging AHCCCS Health Plans to include nutrition education and obesity prevention strategies in materials and services to their eligible families with young children.

Section 3: Oral Healthcare

Overview

Dental care a mandated service under AHCCCS

Dental care for children eligible for KidsCare or AHCCCS should, in large part, be covered by their AHCCCS health plans, as dental care is a mandated service under AHCCCS and KidsCare under what is known as Early, Periodic, Screening, Diagnosis and Treatment (EPSDT). According to the report "Quality Management Performance Measures" published by AHCCCS in March 2012 for the period ending September 30, 2010, the overall rates for annual dental visits for both Medicaid (AHCCCS) and KidsCare populations demonstrated a statistically significant increase from the previous year and remained well above the National Committee for Quality Assurance (NCQA) national Medicaid mean, with rates for both populations in the 90th percentile of Medicaid plans nationally. Because commercial medical plans generally do not include dental services, NCQA does not report commercial benchmarks for this measure.

Funding, eligibility and enrollments decline

These dental assessment results seem good news for the children served by AHCCCS or KidsCare, but budget constraints and eligibility cuts have caused a sharp decline in the number of low-income children enrolled in these programs, particularly in KidsCare. Regional stakeholders surveyed in the "Needs and Assets Report, 2012" (the "Report") expressed concern about the wide-ranging consequences the freeze on KidsCare funding has had on health care for families and children, including oral healthcare. Dental care, beyond varnishes, was among the top nine funding priorities for First Things First, as identified by stakeholders.

Dental practices serving children in Central Phoenix Region

The consultants identified thirty-five dental practices located inside or within two miles of the First Things First Central Phoenix Region that purport to serve children age 1 to 5, with some indicating that AHCCCS reimbursement is accepted. An Internet search of the six AHCCCS provider plans in November 2012, found that twenty-three of the dental practices participate in one or more of the AHCCCS provider plans. A list of these dental practices and their AHCCCS plans, as well as a map illustrating their locations, is included in the Appendices.

Oral Healthcare Needs

Findings from the HIA surveys and from the Report are consistent in highlighting gaps in oral healthcare for very young children, including: (1) lack of parental understanding of the value of oral healthcare for children 1 to five; (2) reductions in funding for pediatric dental care; and (3) an insufficient number of dental providers.

Thirteen agencies responded to the HIA Oral Healthcare Survey, each describing a program or service. Of these agencies, nine will continue to provide the service, continuation of funding will determine if one program will be provided in the future, one agency is unsure, and one program is just a one-year study.

Access to free or low-cost dental services ranked second, with 58% responding, in a survey of Central Phoenix Regional stakeholders on programs and services that are missing for families with children ages birth to five (the Report, Exhibit 7).

While the Report lacked data specific to the Central Phoenix Region, it found that only 37% of children age birth to five in Maricopa County had visited a dentist in the past six months and that nearly 40% had never been to a dentist (the Report, Exhibit 48). Maricopa County parents appear to lack understanding of the significance of oral health care for very young children, as the most frequent reasons given for their child never having visited a dentist were: not old enough (41%) and no reason/no problems (28%), (the Report, Exhibit 49). Lack of dental insurance was the next highest reason for not having visited a dentist in the past year, with 7.6% responding.

Summary of Survey Responses about Programs and Services Provided

Types of Programs Reported

- Targeted to native American/Alaska Native patients
- Home visit education
- Screenings, education and dental care
- Oral health services education
- Oral health care awareness project
- Study oral health needs of autism spectrum children
- Dental care for pregnant women and their children
- Pregnant and new mothers oral health care
- Pediatric dental clinic
- Oral health clinic for all ages, including young children
- Provide training to childcare providers

Program affiliations

- Six programs affiliated with dental practices
- Two programs affiliated with dental schools
- Two programs affiliated with foundations
- One program affiliated with a county government
- One program is unaffiliated

Number of children receiving services by age

Age 1	113
Age 2	233
Age 3	421
Age 4-5	1,617

Number of <u>families receiving parent education</u> about oral health for children birth-5 in past 12-month reporting period:

Organization/Agency	*Number of Families*
Indian Health Services	749
Phoenix Early Head Start	125
UMOM, Wellness Center	80
Esperanca	76
Southwest Human Development	305
Phoenix Head Start	441
TOTAL	1,776

Oral health services or issues not currently or sufficiently addressed, in respondents' own words:

- ✓ Too many patients, not enough dental professionals
- ✓ Insurance coverage needed for orthodontics and oral surgeries for homeless children
- ✓ Oral health services for parents
- ✓ Engage more providers to treat children on the autism spectrum
- ✓ More education for parents caring for young children
- ✓ AHCCCS doctors should make sure children go to the dentist
- ✓ More availability of dental care

Oral Healthcare Collaboration

A total of thirteen responses were received in the HIA survey wherein collaborations are underway between the respondents and local agencies. The most frequent collaborators were the Community Dental Foundation and private dentists.

The majority of children served by St. Vincent de Paul are referred to that faith-based organization by Abrazo school-based health centers, but other referrals come from free community clinics and from Head Start agencies. When SVP cannot provide a needed service, they refer clients to Copa Care Maricopa. SVP does directly provide varnish and fluoride treatments.

MIHS has some onsite dental clinics that provide direct services for the children enrolled in their programs. During parenting and prenatal classes, the issue of oral health is an integral component of the education curriculum. At the clinics, an animated video program educates children about oral health protocols.

Phoenix Children's Hospital has dental services integrated into their Pediatric Clinics and a dental surgeon who assists upon referrals by hospital staff.

The City of Phoenix Head Start and Early Head Start programs serve a small portion of the FTF Central Phoenix Region, just families within the Alhambra Elementary School District. Oral healthcare outreach services to the remainder of the Region are provided by Chicanos Por La Causa (CPLC). Referrals come from word-of-mouth contacts, and through recruitment efforts at pediatricians' offices and community

health fairs. Both Early Head Start programs collaborate with the following organizations: Arizona Home Visiting Alliance, Excelsior College nursing students, Greater Valley Area Health Education Center (GVA-HEC), Nurse Family Partnership, Native Health, and MIHS clinics.

Suggestions for the Council's Consideration

1. Promote funding of programs that respond to the oral healthcare needs for children with autism, homeless children or other special populations wherein educational materials are provided to the parents and fluoride varnish applications are provided to these targeted groups.

2. Develop public education materials and/or a campaign to inform parents about preventative oral healthcare needs of young children. Many parents and caregivers are unsure about what oral healthcare services their children should receive, and when.

3. Develop collaborations with the medical community so that training materials, sessions or videos can assist primary care physicians and/or pediatricians in making oral health referrals for young children.

Section 4: Prenatal Outreach

Overview

Socio-economic indicators point to greater challenges faced by pregnant women and young children in the Central Phoenix Region, compared with the county and state, with higher rates of public-payer births, greater numbers of women with less than a high school education, in linguistic isolation and in single-parent households. As noted in the Executive Summary of the "Needs and Assets Report, 2012", (the "Report"), four out every ten women giving birth in this Region did not have a high school diploma or GED. Public programs subsidize just over two-thirds of births in the Region, a rate which is about 15 percentage points higher than that of the County and 13 percentage points higher than that of the State.

Prenatal Outreach Needs

The HIA survey and the Report identified a need for increased prenatal and parenting education services that target teens.

Thirteen agencies responded to the HIA Prenatal Outreach survey, describing sixteen different programs. Eight of the sixteen programs will continue in the future and eight will continue if funding is available. About three-fourths of the programs were able to serve all who requested services. Funding and staff limitations were the most frequent reasons given for inability to serve all those requesting services. Other reasons, in survey respondents' own words, were:

- Not in eligible Zip Code
- Loss of contact with clients
- Client loss of interest
- Restricted by funding source to serve only families in two Zip Codes
- Families on wait list find services at other agencies

Prenatal programs and services in the Central Phoenix Region are not specifically addressed in the "Needs and Assets Report, 2012", nor are they listed among the top nine priorities for First Things First funding in the Region. However, the Report shows that in the First Things First Stakeholder Survey (October 2011), 36% of participants identified support and education for pregnant and parenting teens as a service that is missing in the community. Additionally, the Report provides data on relevant socio-demographic indicators from which an assessment of needs can be gleaned, as summarized below:

- Significantly more births in the Region are paid for by AHCCCS or IHS as compared with the county and state, 68.4%, 53.5% and 55.3% respectively, (the Report, Exhibit 41).
- More than 40% of women giving birth in the Region did not have a high school diploma or GED, compared with about 23% of women in the county and in the state. Less than 30% of women giving birth in the Region had any college education, compared with over half of women in the county, (the Report, Exhibit 16).
- More than 14% of all households in the Region are considered to be linguistically isolated, more than double the rate in the county and state, (the Report, Exhibit 18).

- Over 40% of children in the Region under age six live in single parent homes, compared with about 30% of young children live in single-parent homes at the county, state and national levels, (Report, Exhibit 14).

Summary of HIA Survey Responses about Programs and Services Provided

Types of Programs Reported

- Healthy Start
- Healthy Families
- Folic acid program
- Folic acid/preconception health education for high school students
- Teen outreach pregnancy services
- Prenatal care, childbirth and life skills education for teens
- Teen pregnancy prevention
- Early Head Start home-based and prenatal services (x 3)
- Prenatal and postpartum support, case-management, education advocacy and referral
- Inter-natal care clinic provides comprehensive wrap-around services to women of child-bearing years
- Prenatal and newborn-care education
- Family planning
- Housing and support to alone or homeless pregnant women
- Outreach and assistance in family enrollment into AHCCCS, SNAP and TANF

Total number of women and teens receiving services/education in past 12-month reporting period.

Organization/Agency	*Women (age 18 and older)*	*Teens (under age 18)*
Maricopa County Dept. of Public Health	145	85
March of Dimes	15	15
Crisis Nursery	14	1
ADHS, Native Health	113	39
ADHS, Bureau of Nutrition & Physical Activity	*2,400	0
Maricopa Integrated Health System	17	2
Phoenix Early Head Start	7	1
UMOM Wellness Center	40	8
Southwest Human Development Early Head Start	24	12
Southwest Human Development Healthy Families	45	8
Maggie's Place	32	0
Maricopa Integrated Health System, New Hope Teen Pregnancy Program	0	38
TOTAL	2,852	209

represents funding to other agencies, not direct services by ADHS

Trimester at time of first contact (presented as a weighted average of all provider responses)

First trimester: 48%
Second trimester: 32%
Third trimester: 20%

Prenatal education and support services not currently or sufficiently addressed, in survey respondents' own words:

- ✓ Postpartum doula support
- ✓ Prenatal/partner specific stress reduction support
- ✓ Culturally specific breastfeeding awareness support
- ✓ Prenatal violence prevention and intervention
- ✓ Prenatal emergency housing and shelter service
- ✓ More folic acid education for teens
- ✓ Group education and support services that offer peer support in a teen specific health education model
- ✓ Prenatal care for pregnant undocumented women
- ✓ More outreach education on family planning for women who have given birth
- ✓ Healthy lifestyle management
- ✓ Management of prevention services by health plans
- ✓ More support for prenatal oral health
- ✓ Earlier prenatal care
- ✓ Affordable prenatal services
- ✓ Expanded mental health services
- ✓ Longer appointments for counseling and assistance with understanding of services available
- ✓ Increase attention to recruiting and serving families during the prenatal period

Prenatal Outreach Collaboration

Central Phoenix First Things First funds prenatal outreach through a grant award to Maricopa County Department of Health, with services provided through South Phoenix Healthy Start. Services include: home visits and training (including training for fathers), developmental screenings (postpartum at 3 months using ASQ), prenatal screenings using Edinburgh Well Women Health Questionnaire (also screen for IPV-DV).

In the area of prenatal outreach, the Arizona Department of Health Services (ADHS) is not a direct service provider. However, ADHS does provide funding, facilitation and policy directions under their auspices for this program area. ADHS has funds to support high risk infants who have had five or more days in a Newborn Intensive Care Unit. ADHS operates a breast-feeding hotline, and also makes referrals to local WIC programs, as well as to Baby Arizona.

Maricopa Integrated Health Systems (MIHS) works with local agencies and community programs to support pregnant women and new parents with information and referrals. MIHS also provides a support program for women experiencing a mood disorder.

Phoenix Children's Hospital works with new parents while their child is in the NICU by connecting them to local community resources and to the Healthy Family programs around the Valley and State. Discharge planning for these high risk babies is a priority. Because PCH is not a birthing hospital, prenatal services are not among their array of services.

The City of Phoenix Head Start and Early Head Start programs serve a small portion of the FTF Central Phoenix Region, just families within the Alhambra Elementary School District. Prenatal outreach services to the remainder of the Region are provided by Chicanos Por La Causa (CPLC). Referrals come from word-of-mouth contacts, and through recruitment efforts at pediatricians' offices and community health fairs. Both Early Head Start programs collaborate with the following organizations: AzEIP, Arizona Home Visiting Alliance, Excelsior College nursing students, Greater Valley Area Health Education Center (GVA-HEC), Nurse Family Partnership, Native Health, MIHS clinics and WIC.

Suggestions for the Council's Consideration

1. Increase support programs and outreach services targeting pregnant teens, the fathers, and the parents of pregnant teens.

2. Develop specialized programs for inclusion in future funding including:
    a. Providing culturally and linguistically appropriate breast feeding education;
    b. Developing prenatal, postpartum and partner stress reduction management programs;
    c. Supporting programs that promote substance abuse cessation and peer support for pregnant and post-natal participants.

3. Promote funding of educational programs that assist parents in speaking to teens about sexual health and development.

Section 5: Developmental and Sensory Screening

Overview

Screenings increased, but shortage of services

The number of children screened for disabilities has more than doubled between 2007 and 2010, as outlined in Exhibit 47 of the "Needs and Assets Report, 2012" (the "Report"). This is consistent with the data from the public school districts serving the Central Phoenix Region. In the last school year, 84% of the 173 students in the AzEIP program were found eligible for services. Yet, the Report notes that many families were turned away from programs due to shortages in services.

One way in which a family may seek out developmental or sensory screening is through their regular interactions with their child's primary care physician or pediatrician. Under the AHCCCS and KidsCare program, the mandated component that specifically targets children is known as EPSDT, more commonly known as "well-child visits". But the new parents need to know to ask for the screenings.

Service rates get mixed reviews

On a routine basis, AHCCCS is required to review the AHCCCS Acute Care Health plans and their abilities to deliver services. Two recent reports found mixed results. A sample of the findings show that: (1) rates of access to primary care physicians for AHCCCS eligible children continued to improve while KidsCare rates exceeded NCQA national means for Medicaid health plans; 2) rates of well-child visits during the first 15 months showed a slight decrease, but for both AHCCCS populations the overall rates continued to exceed the national means; and, 3) the overall rate for AHCCCS populations for well-child visits during the ages 3-6 showed a statistically significant decrease, while the rate for KidsCare members continued to exceed the NCQA means.

Recent strategies for improvement

AHCCCS has recently instituted various quality improvement measures. Some strategies being undertaken are: 1) providing limited transportation assistance for clinic visits; 2) improving parents' knowledge of the importance of early screening and of frequent well-child visits; and 3) strategies to enhance coordination between expectant mothers and the new child's primary care physician or pediatrician so as to improve the effectiveness of referrals.

Developmental and Sensory Screening Needs

There is a substantial deficit in services to meet existing needs, notwithstanding significant increases in the past few years in the number of young children in the Central Phoenix Region receiving early intervention screening services, as well as direct services from the Division of Developmental Disabilities.

A total of sixteen agencies responded to the HIA survey, providing service data on twenty developmental and/or sensory screening programs serving residents in the Central Phoenix Region. The ability to serve all those who requested these types of services was nearly equally divided, with ten programs able to serve, nine unable to serve and one responding "not applicable". All twenty programs will continue to provide services.

In addition to limited funding, other reasons given for not being able to serve all those who requested services include, in the survey respondents' own words:

- Program is limited to serving families in two Zip Codes
- Some children are ineligible because they did not spend 5 days in the NICU
- Undocumented or uninsured children are often not seen by developmental specialists
- Program only serves children birth to age three (Part C provider)

As described in the Report, stakeholder on-line survey results were split on how well the needs of children with special needs in the Region are being met, with 34% responding excellent, very well or well and 31% responding poorly or very poorly (the Report, Exhibit 8). The number of children screened for disabilities more than doubled in the Central Phoenix Region between 2007 and 2010 (the Report, Exhibit 47) and the number of children in this Region under age 3 and children ages 3-5 years receiving services from the Division of Developmental Disabilities increased significantly between 2007-2009, (the Report, Exhibit 46, under age 3 increased 52.1% and ages 3-6 increased 24.8%).

In spite of these increases in services, there appears to be a shortage of developmental and sensory screening programs and services in the Region, as 31% of survey respondents reported being aware of waiting lists for these types of services (the Report, Exhibit 9). This large gap in services for children with disabilities was also raised as a significant concern in stakeholder meetings (the Report, page 15).

Summary of Survey Responses about Programs and Services Provided

Programs and services provided

Periodic development screening	14 or 70% of respondents
"As needed" development screening	15 or 75% of respondents
Hearing screening	13 or 65% of respondents
Vision screening	12 or 60% of respondents

Number of children receiving services

Periodic development screening	8,547
"As needed" development screening	5,748
Hearing screening	8,941
Vision screening	8,074

Developmental and screening programs and services not currently or sufficiently addressed, in respondents' own words:

- ✓ Increase funding for more immunization, dental, well-check and speech screening
- ✓ Hearing and vision screening training, and equipment loan for hearing screening needed
- ✓ Funding to expand services to foster children and those followed by CPS
- ✓ Funding for more therapists through AzEIP to shorten the wait for services
- ✓ Weekly on-site development screening at facilities that house homeless children
- ✓ Better education for physicians to understand ramifications of developmental delays
- ✓ Additional attention on keeping a frequent and intense home visit schedule for families facing increased financial hardships
- ✓ Expanded coordinated approach to service providers

Developmental and Sensory Screening Collaboration

The most frequent community partners identified by HIA survey respondents were school districts, physicians and other medical providers in the area, followed by Southwest Human Development, Vision Quest 20/20, Arizona Early Intervention Program (AzEIP), and Arizona Department of Economic Security's Division of Developmental Disabilities. The EAR Foundation for AZ Basics, Child Care Health Consultant Program FTF/MCDPH and Chicanos Por La Causa reported numerous interactions with community agencies.

Maricopa Integrated Health System (MIHS) collaborates with pediatricians and specialists in the child's primary care organization, and follows up with a referral to AzEIP or to the Division of Developmental Disabilities. The referrals are made based upon interaction with the parent and the child's doctor using their pediatric assessment tools.

Collaborators mentioned by respondents include Fresh Start Women, Phoenix Elementary School District, Homeward Bound, Vision Quest 20/20, AzEIP, AZ Department of Developmental Disabilities, Arizona Child Care Association, physicians' offices, Wesley Health Center, Friendly House Day Care Center, Phoenix Children's Hospital, Southwest Human Development, and United Cerebral Palsy of Central Arizona.

Suggestions for the Council's Consideration

1. Provide funding support for programs or agencies that loan hearing and vision screening equipment and for the training of staff to operate the equipment.

2. Identify agencies and providers in the Region willing to accept referrals for screenings and treatments from FTF grantees if the child is not AHCCCS/KidsCare eligible.

3. Work with AHCCCS health plans to provide educational materials or videos that provide parent education about the need for well-child visits and various screenings, for use by obstetric and pediatric offices. These materials need to focus on the necessary follow-up that the parent/caregiver must undertake when the child is referred from screenings for services or necessary equipment (glasses, hearing aids, etc.)

Section 6: System-wide Suggestions

Reconsider First Things First regional boundary definitions

The Central Phoenix Region, and all regions for that matter, is defined by specific Zip Code areas. Oftentimes this creates barriers to implementing a community-based approach for addressing issues and solving problems with funding from First Things First. Redefining the regions based on the building blocks of existing communities, such as elementary schools districts or the corporate boundaries of cities and towns, may be worth considering, granted, on a state-wide basis.

Report on services to linguistically isolated populations

Language isolation is a significant issue in the Central Phoenix Region. As noted in the "Needs and Assets Report, 2012", the proportion of families in Central Phoenix with no one over the age of 14 who speaks English well, is more than twice that of the County and of the state. A complete picture of how well this region's needs are being met would include reports from FTF grantees on the number of families or young children to whom services have been provided in languages other than English. It would be to the Council's advantage to require future grantees to provide service data regarding these linguistically isolated populations.

Host annual collaboration training workshop

Funding resources are limited which necessitates that service providers maximize their collaborations to meet the Region's needs. The Council might consider hosting an annual training for service providers and funders on a full range of services in the Region to increase the accuracy of referrals. This will assure that community providers are working together and knowledgeable about other resources in the community that may serve families seeking assistance, and diminish a perception that providers often operate in 'silos'.

Maximize home visitation service opportunities

When home visitation is a provided service, the visiting staff should have adequate cross-training to assure they are able to assist families in a holistic manner. For example, a home visitor might be assisting with prenatal outreach, assuring that the expectant mother is getting to medical appointments, but also help the mother plan ahead with education on developmental screening milestones, oral healthcare, safe sleep environments, car seat resources and drowning prevention.

Report on short-term outcomes

It is often not possible to measure a program's success toward improving children's health and well-being in the same year that the program is funded. However, contracted providers are able to report on short-term outcomes that have been achieved during the program's funding year. For example, depending on the specific service, the following could be reported on:

1) A child who was identified as needing a developmental screening and who received such a screening could be reported, including whether the child received glasses, a hearing aid or was connected with AzEIP.
2) At what stage in her pregnancy a pregnant teen was enrolled in a prenatal outreach program and the pregnancy outcome, i.e. a healthy baby not needing any specialized services upon birth.
3) A family that received a car safety seat for their child could report after 6 months by phone, e-mail or postcard that the seat is still being utilized as instructed.

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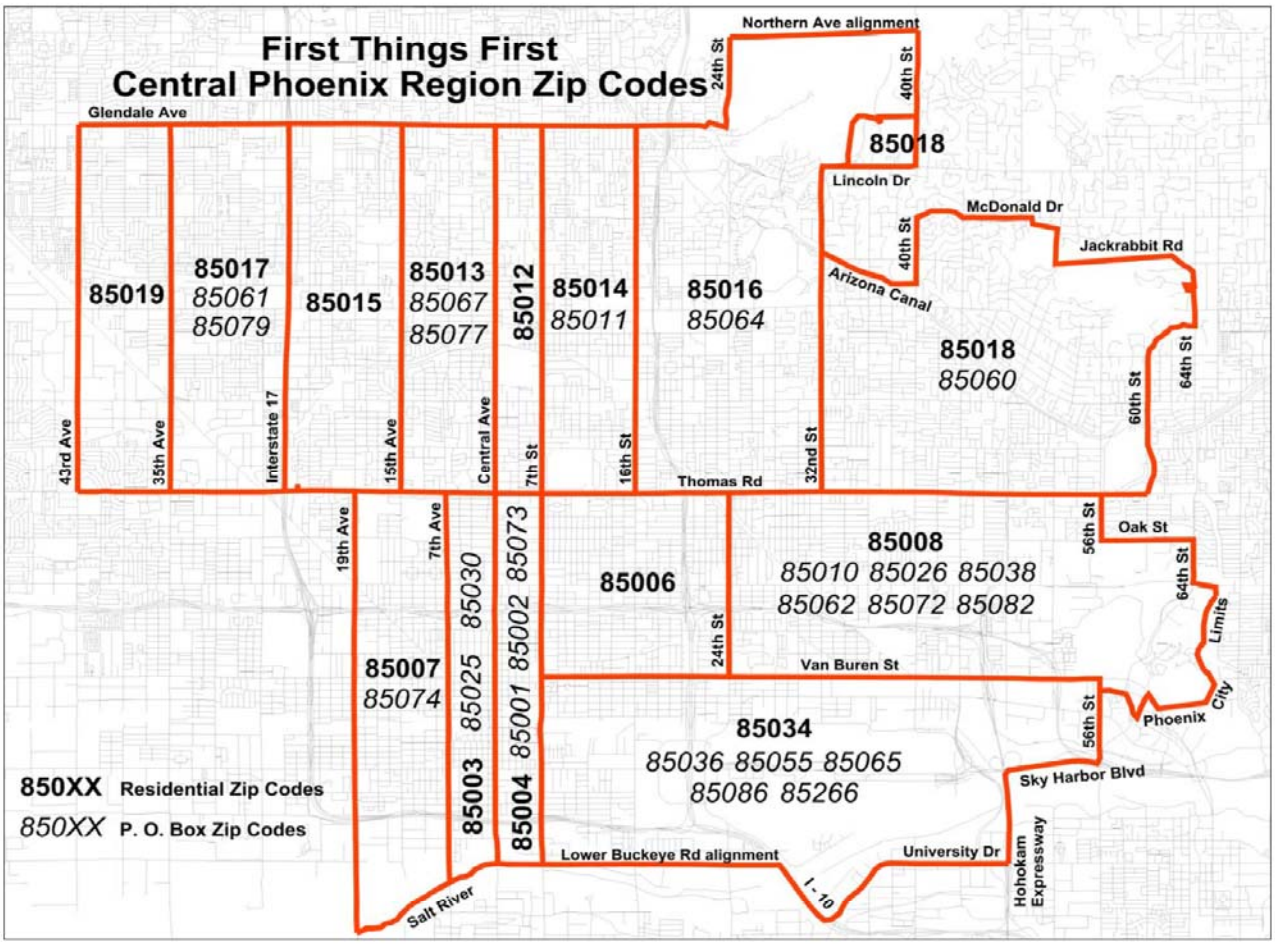
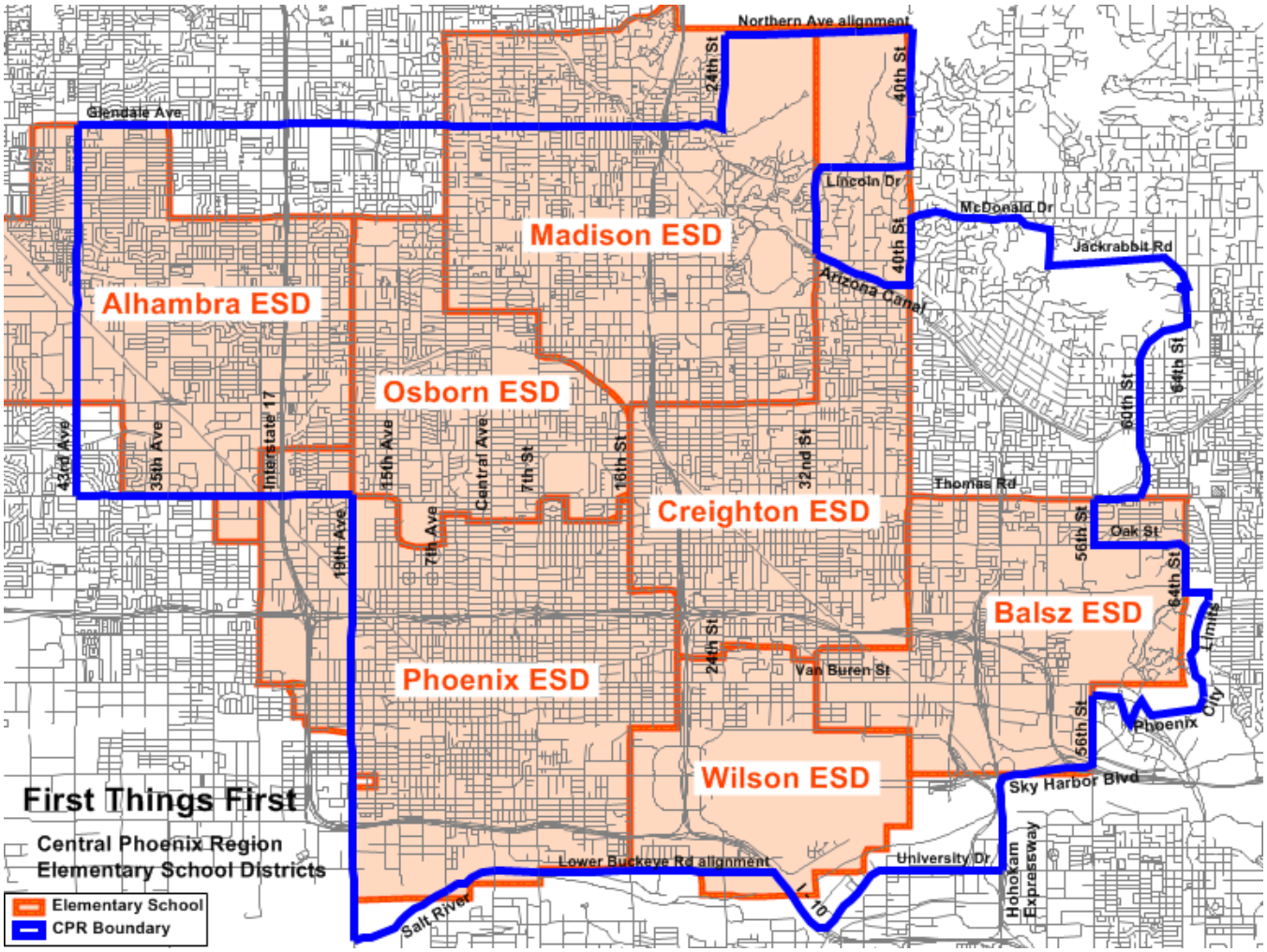
- Percent Persons Below Poverty
- Percent High School Graduate
- Percent Unemployed
- Percent Native-American Population
- Percent Black Population
- Percent Hispanic Population

Map of First Things First Central Phoenix Region with Zip Codes



Map of First Things First Central Phoenix Region with Boundaries of Elementary School Districts



Agencies and Organizations Participating in Health Impact Assessment Survey

INJURY PREVENTION	
ORGANIZATION	**PROGRAM NAME/FOCUS**
Association for Supportive Child Care	Numerous issues (car seat, crib safety, etc,)
AZ Dept of Health Services	Lead Poisoning Prevention
AZ Dept. of Health Services - Office for Children w/Special Needs	Increase inclusion of children/youth w/special needs in community-based sports, recreation and wellness activities
Child Health Consultation	Back to Sleep, safe cribs and other safety programs
Maricopa Dept of Public Health	Remediation of Safety Hazards, Healthy Homes Grant
Maricopa Dept of Public Health	Numerous issues (car seat, etc,)
Maricopa Integrated Health System	Numerous issues (car seat, crib safety, etc,)
Phoenix Children's Hospital	Numerous issues (car seat, crib safety, Shaken Baby Prevention)
Safe Kids Maricopa County	Child car seat safety, fire and CO2 monitoring, pool and water safety
UMOM New Day Centers Wellness Center	Car seat, crib safety

NUTRITION & OBESITY PREVENTION	
ORGANIZATION	**PROGRAM NAME/FOCUS**
Association for Supportive Child Care	AZ Kith & Kin Project - Nutrition component
Association for Supportive Child Care	Child and Adult Care Food Program
AZ Dept. of Health Services - Bur. of Nutrition & Physical Activity	EMPOWER (Healthy Eating and Active Living)
AZ Dept. of Health Services - Bur. of Women's & Children's Health	Health Advocacy for Children, Youth and Families
Childcare Health Consultation - FTF	Training to Childcare Providers
City of Phoenix Head Start	Early Head Start
City of Phoenix Head Start	School Readiness
Crisis Nursery	FACES of Crisis Nursery
Esperanca	Salud con Sabor Latino & Salud con Sabor Latino para Los Ninos
Maricopa Integrated Health System	Family Learning Center
Maricopa Integrated Health System	Pediatric Care Coordination
Native Health	WIC
Nutrition for Children	Day care providers-nutrition for children in their care
Phoenix Children's Hospital	Families in Training (FIT)
Southwest Human Development	Head Start/Early Head Start - "I Am Moving, I Am Learning"
St. Mary's Food Bank Alliance	Emergency Food
St. Joseph's Hospital and Medical Center	Fit Kids and Kids Sports Stars
UMOM New Day Centers Wellness Center	HEALTH Clinics

Agencies and Organizations Participating in Health Impact Assessment Survey

ORAL HEALTH CARE	
ORGANIZATION	**PROGRAM NAME/FOCUS**
A.T. Still Unversity/AZ School of Dentistry & Oral Health	ASDOH Pediatric Dental Clinic
Childcare Health Consultation	CCHC-training and resources, support policy development an assist in development of oral health programs at childcare providers' request
City of Phoenix Head Start	Parent Education on Children's Oral Health
City of Phoenix Head Start	School Readiness
Esperanca	Oral Health Prevention Education-but not in Central Phoenix Region
Indian Health Services	Phoenix Indian Medical Center
International Rescue Committee	Pregnant and New Mother's Oral Health Project
Maggie's Place	CASS dental partnership for pregnant women and their kids
Maricopa Integrated Health System	Dental clinic/oral health services
Southwest Autism Research & Resource Center	Education for families of children w/autism, providers and dental professionals
Southwest Human Development	Healthy Families Oral Health Awareness Project
UMOM New Day Centers Wellness Center	Monthly program serving families at UMOM
Valle del Sol	Direct services provided by St. Vincent de Paul

PRENATAL OUTREACH	
ORGANIZATION	**PROGRAM NAME/FOCUS**
AZ Dept of Health Services	AZ Health Start Program
AZ Dept. Healtg Services-Teen Pregnancy Prevention Program	Teen Pregancy Prevention Program
AZ Dept. Health Services-Bur. of Nutrition & Physical Activity	Folic Acid Program
Children's Action Alliance	Kids Health Link, provides assistance to families to enroll in AHCCCS, KidsCare, SNAP and TANF
City of Phoenix Head Start	health and nutrition of pregnant moms and babies
Crisis Nursery	FACES Early Head Start home-based & prenatal services
Maggie's Place	Homes and support to pregnant women alone or on the streets
March of Dimes	Folic Acid/Preconception Health Education for HS Students
Maricopa Dept of Public Health	South Phoenix Healthy Start
Maricopa Integrated Health System	International Care Clinic (ICC)
Maricopa Integrated Health System (Family Planning)	Family Planning Program
Maricopa Integrated Health System (Teen Pregnancy)	New Hope Teen Pregnancy Program
Southwest Human Development	Early Head Start (in-home services to pregnant worman and children under 3)
Southwest Human Development	Healthy Families (Central Phx Region)
Teen Outreach Pregnancy Services	Pregnancy and parenting education
UMOM New Day Centers Wellness Center	prenatal education and newborn education

Agencies and Organizations Participating in Health Impact Assessment Survey

DEVELOPMENTAL AND SENSORY SCREENING	
ORGANIZATION	**PROGRAM NAME/FOCUS**
AZ Dept of Health Services	Training for hearing and vision screening
AZ Dept of Health Services/Native Health	Native Health-Health Start Program
Chicanos Por La Causa/Parenting Arizona	
Child & Family Resources	Developmental, hearing & vision screening
Childcare Health Consultation - FTF	As-needed developmental screening
City of Phoenix Head Start	Developmental screening
City of Phoenix Head Start	Developmental, hearing & vision screening
City of Phoenix Head Start	Developmental, hearing & vision screening
Crisis Nursery	Developmental, hearing & vision screening
EAR Foundation of AZ	Hearing and vision screening
International Rescue Committee	Developmental screening
Maricopa Dept of Public Health/Newborn IC Program	Developmental screening
Phoenix Children's Hospital	Developmental and Hearing screening
Phoenix Children's Hospital	Developmental screening
Southwest Human Development	Healthy Families
Southwest Human Development	Head Start/Early Head Start
Southwest Human Development	Early Intervention
United Cerebral Palsy of Central Arizona	Developmental, hearing & vision screening
UMOM New Day Centers Wellness Center	Developmental, hearing & vision screening
Valle del Sol	Developmental, hearing & vision screening

First Things First
SURVEY QUESTIONS PERTAINING TO
INJURY PREVENTION PROGRAMS
Serving Children and Families in the Central Phoenix Region

_____ _____

Name of Survey Participant **Organization/Agency**

_____ _____

Survey Participant's Email Address **Phone**

MESSAGE TO SURVEY PARTICIPANTS:
The purpose of this survey is to investigate the prevalence, utilization and coordination with other organizations of injury prevention programs for children birth through age 5 in the FTF Central Phoenix Region (*Please refer to the attached map for study boundaries*).

SURVEY QUESTIONS:

1. What injury prevention programs or services does your organization provide? Please (a) check all that apply; (b) indicate the number of families in the FTF Central Phoenix Region with children birth through age 5 who received the service during the most recent 12-month period and; (c) indicate if your organization will continue providing this program in the future:

	# families served	will provide program in the future	
☐ Child car seat safety	_____	☐ Yes	☐ No
☐ "Back to Sleep" advocacy	_____	☐ Yes	☐ No
☐ Fire and CO2 monitoring	_____	☐ Yes	☐ No
☐ Safety latches	_____	☐ Yes	☐ No
☐ Safe cribs	_____	☐ Yes	☐ No
☐ Pool and water safety	_____	☐ Yes	☐ No
☐ Hot water (scalding) safety	_____	☐ Yes	☐ No
☐ Other injury prevention program	_____	☐ Yes	☐ No

(name of other program)_____

2. Does your program provide safety equipment to families? ☐ Yes ☐ No

3. Do you work with community agencies to provide programs, such as local school districts, churches, County Health Department, civic groups or non-profit agencies? ☐ Yes ☐ No

4. If you do work with other agencies to provide programs, please tell us which agencies and the nature of the collaboration.
_____
_____

5. Are you able to serve all families that come to you for these services? ☐ Yes ☐ No

6. If you are not able to serve all families that request these services, why not?
_____
_____

7. What other injury prevention services do you believe need to be provided to families with young children that are not being provided at this time?
_____
_____

First Things First
SURVEY QUESTIONS PERTAINING TO
NUTRITION AND OBESITY PREVENTION PROGRAMS
Serving Children and Families in the Central Phoenix Region

_____ _____
Name of Survey Participant **Organization/Agency**

_____ _____
Survey Participant's Email Address **Phone**

MESSAGE TO SURVEY PARTIPANTS:
The purpose of this survey is to investigate the prevalence, utilization and coordination with other organizations of programs in the FTF Central Phoenix Region that provide advice, education and services related to food resources and food safety, healthy food access, and programs promoting physical activity in young children. (Please refer to the attached map for study boundaries). ***Please use a separate survey form for each of the nutrition and obesity prevention programs your organization offers*.**

SURVEY QUESTIONS:

1. What is the name and focus of the nutrition or obesity prevention program or service?
   Program Name _____
   Program Focus _____

2. How many families in the FTF Central Phoenix Region with children birth to age 5 received this service or participated in this program during the most recent 12-month reporting period? _____

3. Will your organization continue providing this program in the future?
   ☐ Yes ☐ No ☐ Depends on funding

4. Do you work with community agencies to provide this program, such as the local school districts, churches, County Health Department, civic groups or non-profit agencies? ☐ Yes ☐ No

5. If you do work with other agencies to provide this program, please tell us which agencies and the nature of the collaboration.
   _____
   _____
   _____

6. Are you able to serve all families that come to you for these services? ☐ Yes ☐ No

7. If you are not able to serve all families that request these services, why not?
   _____
   _____
   _____

8. What other nutrition and obesity prevention services or programs do you believe need to be provided to families with young children that are not being provided at this time?
   _____
   _____

First Things First
SURVEY QUESTIONS PERTAINING TO
ORAL HEALTH CARE PROGRAMS AND SERVICES
Serving Children and Families in the Central Phoenix Region

_____ _____
Name of Survey Participant **Organization/Agency**

_____ _____
Survey Participant's Email Address **Phone**

MESSAGE TO SURVEY PARTICIPANTS:
The purpose of this survey is to investigate the prevalence, utilization and coordination with other organizations of programs in the FTF Central Phoenix Region that provide oral health care services for children age 1-5, including: oral health education for parents and screening and varnish services for children. (Please refer to the attached map for study boundaries). ***Please use a separate survey form for each of the oral health care programs your organization offers*.**

SURVEY QUESTIONS:

1. What is the name and focus of your pediatric oral health program or service?
   _____
   _____

2. What is your affiliation with a dental practice (check all that apply):
   - ☐ Supported by a dental practice: _____
   - ☐ Supported by a dental school: _____
   - ☐ Supported by First Things First

3. Please tell us how many children in the following age groups in the FTF Central Phoenix Region received this service from your program during the most recent 12-month reporting period:
   age 1_____ age 2_____ age 3_____ ages 4-5_____
   .

4. How many families in the FTF Central Phoenix Region participated in parent education related to dental hygiene for children age 1-5? number of families_____

5. Will your organization continue providing this program or service in the future? ☐ Yes ☐ No

6. Do you work with community agencies to provide this program, such as the local school districts, churches, County Health Department, civic groups or non-profit agencies? ☐ Yes ☐ No

7. If you do work with other agencies to provide programs, please tell us which agencies and the nature of the collaboration. _____
   _____

8. What other pediatric oral health services do you believe need to be provided that are not being provided at this time?
   _____
   _____
   _____

First Things First
SURVEY QUESTIONS PERTAINING TO
PRENATAL OUTREACH PROGRAMS
Serving Women and Teens in the Central Phoenix Region

_____ _____
Name of Survey Participant **Organization/Agency**

_____ _____
Survey Participant's Email Address **Phone**

MESSAGE TO SURVEY PARTICIPANTS:
The purpose of this survey is to investigate the prevalence, utilization and coordination with other organizations of programs in the FTF Central Phoenix Region that provide prenatal education and support services to pregnant women, as well as programs focused on pregnant teens and on avoiding exposure to alcohol and non-prescribed drugs. (*Please refer to the attached map for study boundaries*). ***Please use a separate survey form for each of the prenatal education and support service programs your organization offers*.**

SURVEY QUESTIONS:

1. What is the name and focus of the education program or support service?
   _____

2. How many women and how many teens in the FTF Central Phoenix Region received this service from your program during the most recent 12-month reporting period?
   Number of pregnant women (age 18 and over)_____ Number of pregnant teens (under age18) _____

3. Will your organization continue providing this program or service in the future?
   ☐ Yes ☐ No ☐ Depends on funding

4. Do you work with community agencies to provide programs, such as the local school districts, churches, County Health Department, civic groups or non-profit agencies? ☐ Yes ☐ No

5. If you do work with other agencies to provide programs, please tell us which agencies and the nature of the collaboration. _____
   _____

6. Of those who participated in this service or program, at the time of the initial contact, what percent were in their: _____% in first trimester
   _____% in second trimester
   _____% in third trimester

7. If you are not able to serve all pregnant women and teens who come to you for these services, why not?
   _____
   _____

8. What proportion of pregnant women and teens were you unable to enroll?
   _____% of pregnant women _____% of pregnant teens

9. What prenatal education and support service programs do you believe need to be provided that are not being provided at this time?
   _____
   _____

First Things First
SURVEY QUESTIONS PERTAINING TO
DEVELOPMENTAL AND SENSORY SCREENING PROGRAMS
Serving Children and Families in the Central Phoenix Region

_____ _____
Name of Survey Participant **Organization/Agency**

_____ _____
Survey Participant's Email Address **Phone**

MESSAGE TO SURVEY PARTIPANTS:
The purpose of this survey is to investigate the prevalence, utilization and coordination with other organizations of programs in the FTF Central Phoenix Region that provide vision, hearing and developmental screening for children birth through age 5. (Please refer to the attached map for study boundaries).

SURVEY QUESTIONS:

1. What screening is being done by your organization/agency for children birth through age 5 (*please check all that apply*):
   - ☐ Periodic developmental screening
   - ☐ "As needed" development screening (based on child identified as needing assessment
   - ☐ Hearing screening
   - ☐ Vision screening

2. How many children birth through age 5 in the FTF Central Phoenix Region received this service through your programs during the most recent 12-month reporting period?
   _____ Periodic developmental screening
   _____"As needed" development screening (based on child identified as needing assessment)
   _____Hearing screening
   _____Vision screening

3. Will your organization continue providing these programs in the future? ☐ Yes ☐ No

4. Do you work with community agencies to provide these programs, such as local school districts, churches, County Health Department, civic groups or non-profit agencies? ☐ Yes ☐ No

5. If you do work with other agencies to provide these programs, please tell us which agencies and the nature of the collaboration.
   _____
   _____

6. Are you able to serve all families that come to you for these services for their children birth to age 5?
   ☐ Yes ☐ No

7. If you are not able to serve all families that request these services for their children, why not?
   _____
   _____

8. What other developmental and sensory screening services do you believe need to be provided that are not being provided at this time?
   _____

Collaboration

Injury Prevention Survey Respondents Identify Collaboration with Other Agencies (page 1)

Agency/Organization Responding to Survey	Collaborators	Association of Supportive Child Care	Boys Clubs	Child Care	City of Phoenix Neighborhood Services	Chicanos Por La Causa, Head Starts	Creighton Elementary	Dr. Rimmer	Crisis Nursery	Esparanza Center	Faith based organizations	Gateway School	Girls Clubs	Hospitals	Hummingbird Early Intervention Services, LLC	Indian Health Services	Injury Prevention Advisory Council	Mathew Henson Hope VI Training & Education Center	Maricopa County Dept. of Public Health	Medical providers	Maricopa Integrated Health System	National Safety Council	Native Health	North Phoenix Baptist Church
ADHS					X																			
ADHS, Office for Children w/Special Health Care Needs															X									
Association of Supportive Child Care						X					X						X		X			X		
Childcare Health Consultation-FTF/MCDPH																								X
Maricopa County Dept. of Public Health				X										X						X				
MCDPH Lead Hazard Control																								
Maricopa Integrated Health System		X	X			X		X	X			X	X			X		X						
Phoenix Children's Hospital						X	X			X									X		X		X	
Safe Kids Maricopa County		X																						
UMOM New Day Center, Wellness Center																								

Collaboration

Injury Prevention Survey Respondents Identify Collaboration with Other Agencies (page 2)

Agency/Organization Responding to Survey	Collaborators	Pediatric Clinic at Phoenix Children's Hospital	Phoenix Children's Hospital	Phoenix Elementary School Districts	Phoenix Fire Department	Phoenix Head Start	Phoenix Libraries	Phoenix Police Department	Public Schools	Radiant Church	Rio Salado College	SafeKids	Solano Elementary	SW Human Development	Special Olympics AZ	St. Jospeh's Hospital and Medical Center	United Methodist Outreach Ministries (UMOM)	UMOM's Women's/Family Shelter	Valley of the Sun United Way	Wesley Center
ADHS																				
ADHS, Office for Children w/Special Health Care Needs															X					
Association for Supportive Child Care							X		X			X		X						
Childcare Health Consultation- FTF/MCDPH										X										
Maricopa County Dept. of Public Health																				
MCDPH Lead Hazard Control																				
Maricopa Integrated Health System			X		X	X	X						X	X			X		X	
Phoenix Children's Hospital		X		X										X				X		X
Safe Kids Maricopa County			X		X			X								X			X	
UMOM New Day Center, Wellness Center			X																	

Collaboration

Nutrition and Obesity Prevention Survey Respondents Identify Collaboration with Other Agencies (page 1)

Agency/Organization Responding to Survey	Collaborators	none	no answer	Agua Fria Food & Clothing Bank	Alhambra School District	Arizona Children's Alliance	AZ Dept. of Economic Security	AZ Dept. of Education	Balsz Elementary School	Black Family Child Services	Booker T. Washington	Children's Museum of Phoenix	Churches	Deer Valley School District	Fowler School District	Head Start	Community Partners	Crockett Elementary School	Cultural Cup Food Bank	Edison Elementary School	Family Learning Center	First Southern Baptist Church of Phoenix	Friendly House	Greater Phoenix Urban League	Greater Valley Area Health Education
ADHS Bureau of Nutrition & Physical Activity							X	X								X									
ADHS Office of Children with Special Needs																									
Association for Supportive Child Care								X	X			X						X		X					
Childcare Health Consultation-FTF/MCDPH																									
City of Phoenix Early Head Start																									X
City of Phoenix Head Start					X	X					X			X	X										
Crisis Nursery		X																							
Esperanca																	X								
Maricopa Integrated Health System																									
Native Health		X																							
Nutrition for Children			X																						
Phoenix Children's Hospital																									
Southwest Human Development																X									
St. Mary's Food Bank Alliance				X						X									X			X	X		
St. Joseph's Hospital & Medical Center													X												
UMOM New Day, Wellness Center		X																							

Collaboration

Nutrition and Obesity Prevention Survey Respondents Identify Collaboration with Other Agencies (page 2)

Agency/Organization Responding to Survey	Collaborators	none	no answer	Health Care Providers	Health Clinics	Hummingbird Early Intervention Services LLC	Interfaith Cooperative Ministries	Local Child Care Providers	Local growers and farmers markets	Local hospitals	Local Schools	Loma Linda Elementary	Machan Elementary School	Maricopa County Dept. of Public Health	Murphy School District	North Phoenix Baptist Church	Radiant Church	Rio Salado College	Roosevelt School District	Special Olympics Arizoa	Student Nurses	Stepping Stone Foundation	SW Human Development Head Start families	Valley Christian Center	Washington School District	Wilson Elementary Head Start/School District	YMCA
ADHS Bureau of Nutrition & Physical Activity								X	X	X				X													
ADHS Office of Children with Special Needs						X														X							
Association for Supportive Child Care												X	X									X				X	
Childcare Health Consultation-FTF/MCDPH																X	X	X					**X**				
City of Phoenix Early Head Start																					X						
City of Phoenix Head Start															X				X						X	X	
Crisis Nursery		X																									
Esperanca																											
Maricopa Integrated Health System																											
Native Health		X																									
Nutrition for Children			X																								
Phoenix Children's Hospital																							X				
Southwest Human Development				X																							
St. Mary's Food Bank Alliance							X																	X			
St. Joseph's Hospital & Medical Center					X						X																X
UMOM New Day, Wellness Center		X																									

Collaboration

Oral Healthcare Survey Respondents Identify Collaboration with Other Agencies

Agency/Organization Responding to Survey	Collaborators	AT Still University	Avondale Elementary District	CASS Dental Clinic	Community Dental Foundation	Community Partners	Golden Gate Community Center	Healthy Families	Isaac School District	Mission of Mercy	North Phoenix Baptist Church	Private Clinics	Private dentists	Radiant Church	Rio Salado College	St Vincent de Paul
Arizona School of Dentistry and Oral Health (AT Still)													X			
Childcare Health Consultation- FTF/MCDPH											X			X	X	
City of Phoenix Early Head Start													X			X
City of Phoenix Head Start													X			X
Esperanca			X			X	X		X	X						
Indian Health Service																
International Rescue Committee					X											
Maggie's Place				X												
Maricopa Integrated Health System												X	X			
Southwest Human Development								X								
Southwest Autism Research & Resource Center					X											
UMOM New Day, Wellness Center		X			X											
Valle del Sol																X

Collaboration

Prenatal Outreach Survey Respondents Identify Collaboration with Other Agencies (page 1)

Agency/Organization Responding to Survey	Collaborators	Abrazo Health Care	ADHS	Asian Pacific Community in Action	Banner Good Sam	Children's Action Alliance	Central Arizona Shelter Services	Catholic Charities	City of Phoenix	City of Phoenix for bus passes	Clinics	Community Based Organizations serving Youth	Desert Mission	Doctor/Clinic Offices	Empowerment Systems	Greater Phoenix Urban League	Hospitals in Region	Indian Health Services	Keogh Health Connection	Local High Schools
ADHS, Native Health			X															X		X
ADHS Bureau of Nutrition & Physical Activity																				
AZ Department of Health Services												X								
Chidlren's Action Alliance				X									X		X				X	
City of Phoenix Early Head Start											X			X						
County Health Dept, South Phoenix Healthy Start		X							X											
Crisis Nursery																				
Maggie's Place							X	X		X										
March of Dimes			X																	
Maricopa Integrated Health System																				
MIHS New Hope Teen Pregnancy Program																				
Southwest Human Development																	X			
Teen Outreach Pregnancy Services					X											X				
UMOM New Day Centers/Wellness Center																				

Collaboration

Prenatal Outreach Survey Respondents Identify Collaboration with Other Agencies (page 2)

Agency/Organization Responding to Survey	Collaborators	March of Dimes	Maricopa Integrated Health System	Maricopa Dept of Public Health	Maryvale Family Education Center	Mountain Park Health Center	Nurse Family Partnership	Parents	Parents Plus	Phoenix Day	Phoenix Children's Hospital	Post Partum Support International	Phoenix Union High School District	Primavera Online High School	Roosevelt Family Resource Center	South Mountain Community Center	South Phoenix Healthy Start	SW Healthy Start	Teen Pregnancy Outreach	WIC Offices	Women's Health Coalition of AZ
ADHS, Native Health		X	X																		
ADHS Bureau of Nutrition & Physical Activity		X		X															X		
AZ Department of Health Services				X																	
Chidlren's Action Alliance						X				X											X
City of Phoenix Early Head Start							X													X	
County Health Dept, South Phoenix Healthy Start					X								X	X						X	
Crisis Nursery																					
Maggie's Place																					
March of Dimes																					
Maricopa Integrated Health System							X	X	X			X			X	X		X			
MIHS New Hope Teen Pregnancy Program							X									X				X	
Southwest Human Development																				X	
Teen Outreach Pregnancy Services																					
UMOM New Day Centers/Wellness Center											X										

Collaboration

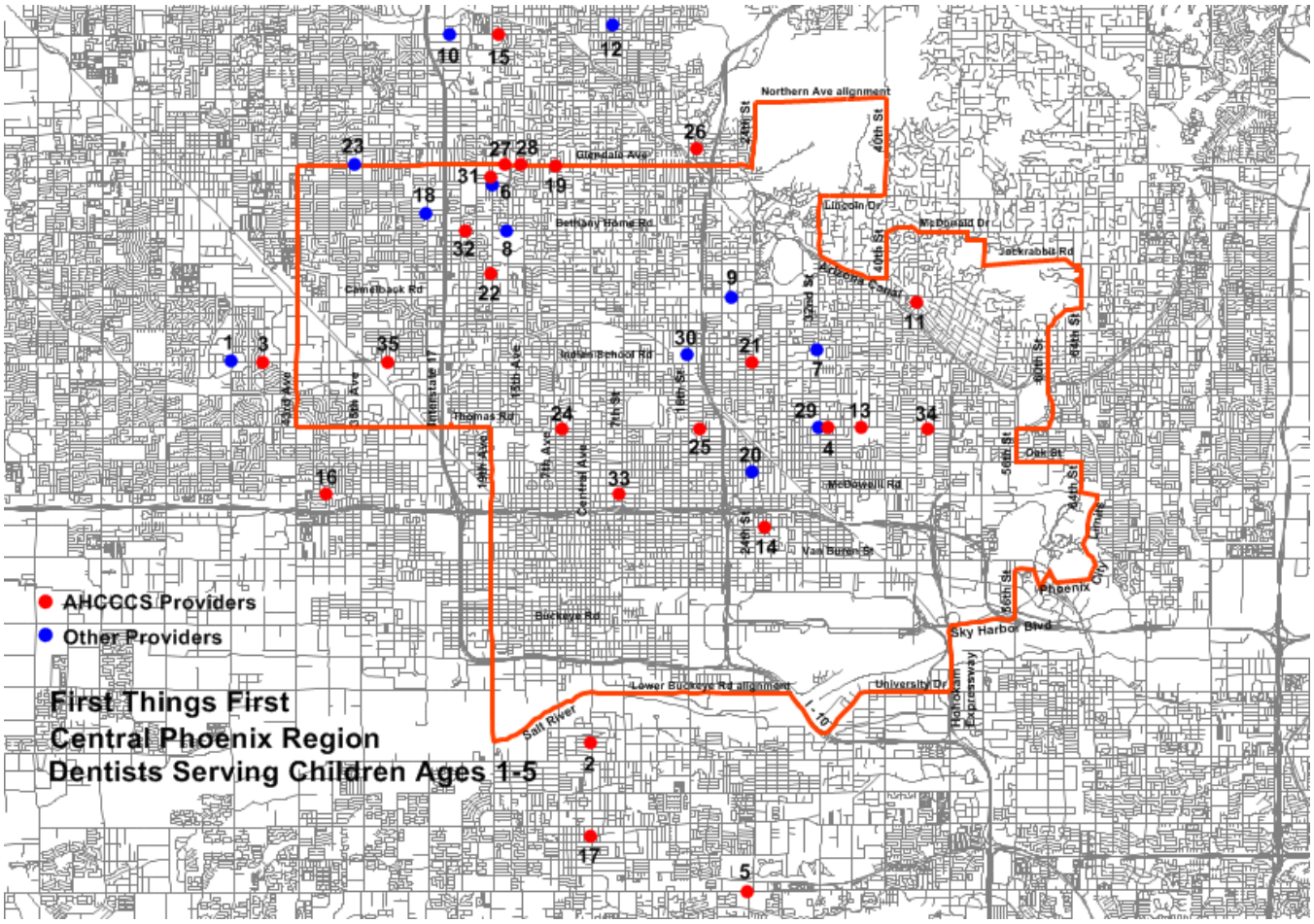
Developmental and Sensory Screening Survey Respondents Identify Collaboration with Other Agencies

Agency/Organization Responding to Survey	Collaborators	none	no answer	AZ Child Care Association	ADHS Division of Developmental Disabilities	ADHS Office of Newborn Screening	ADHS Sensory program	AZ Early Intervention Program	Fresh Start Women's Foundation	Head Start and Early Head Start	HEAR for Kids	Homeward Bound	Friendly House Day Care Center	Maricopa County Dept Public Health	North Phoenix Baptist Church	Phoenix Children's Hospital	Physicians/providers in community	Private Insurance Companies	Radiant Church	Rio Salado College	School Districts	Southwest Human Development	T3 Training of Screeners	Vision Quest 20/20	Wesley Health Center
ADHS																					X				
ADHS Native Health Start		X																							
City of Phoenix Early Head Start		X																							
City of Phoenix Head Start			X																		X				
Chicanos Por La Causa									X			X									X				
Child & Family Resources								X													X				
Child Care Health Consultant Program FTF/MCDPH														X	X				X	X		X			
Crisis Nursery																								X	
Foundation of AZ BASICS				X		X	X			X	X										X		X	X	
International Rescue Committee		X																							
Maricopa County Dept. Public Health					X			X																	
Phoenix Children's Hospital													X												X
Southwest Human Development - Early Head Start/Head Start																	X								
Southwest Human Development - Early Intervention																	X								
Southwest Human Development- Healthy Families																	X								
UMOM New Day, Wellness Center																X						X			
United Cerebral Palsy of Central AZ					X			X										X							

Dental Practices Located In or Within 2 miles of the First Things First Central Phoenix Region Claiming to Provide Oral Health Services to Children age 1-5

				AHCCCS Providers						
Map ID	Practice Name	Location	phone	AZ Phys. IPA	Care 1st	Health Choice	Mar. Health Plan	Mercy Care	Phx Health	Other
1	A Healthy Smile Dental	4105 N. 51st Ave	623-245-2828							
2	A Tooth Doctor For Kids - Central	7006 S Central Ave	602-267-1029	x	x	x	x	x	x	
3	A Tooth Doctor for Kids - West	4701 W. Indian School	623-245-8461	x	x	x	x	x	x	
4	Arizona Kids Dental Care	3311 E Thomas Rd	602-956-3363					x	x	
5	ABC Dentistry for Children	2363 E. Baseline Rd	480-558-1400					x	x	
6	Alba Family Dental	6605 N. 19th Ave	602-242-9077							
7	Biltmore Dental Center	4202 N. 32nd St.	602-954-8200							
8	Bright Now Dental	1703 W. Bethany Home Rd	480-630-1115							
9	Bright Now Dental	2131 E. Camelback Rd.	623-866-5643							
10	Bright Now Dental	2423 W. Dunlap Rd	480-675-4645							
11	Camelback Pediatric Dentistry	4901 N. 44th St.	602-595-3531	x						
12	Children's Dental Clinic (John C. Li	9201 N. 5th St	602-870-6363							
13	Children's Dental Land (aka Kids D	3722 E. Thomas	602-626-5437	x	x	x	x	x	x	
14	Comprehensive Health Center at	2525 E. Roosevelt	602-344-1005	x	x		x	x		
15	Cute Smiles for Kids	1819 W. Dunlap Ave	602-861-3333	x	x		x		x	
16	DC Dental Group	3901 W. McDowell	602-278-1837	x	x	x	x	x	x	
17	Desert Dentistry	6226 N. 27th Ave	623-792-2615	x			x		x	
18	Desert Dentistry	6231 S. Central Ave	602-464-7244							
19	Karen A. Teeters, DDS	6520 N. 7th Ave	602-249-1666	x				x		
20	Kids Connextion Dental Center	2046 N. 24th St.	602-956-1111							
21	Kids Dental Place	4102 N. 24th St	602-956-2024	x	x		x	x	x	
22	Kids Dental Specialists	5336 N 19th Ave	602-995-0000						x	
23	Kool Smiles	3554 W. Glendale Ave	866-672-2953							Medicaid/SCHIP
24	M&C Community Dental (Wild West Dental for Kids)	521 W. Thomas Rd	602-307-5575	x	x	x	x	x	x	
25	Magic Smiles Family Dentistry	1701 E Thomas Rd	602-640-9850	x				x		
26	Menghini DDS	7227 N. Dreamy Draw Dr	602-678-0678	x				x		
27	My Kidz Dentist	1728 W. Glendale	602-456-4391	x	x		x	x	x	
28	North Phoenix Pediatric Dentistry	1526 W Glendale Ave	602-864-1080	x	x			x		
29	Paik & Patel Family Dentistry	2546 E. Thomas Rd	602-956-4111							AHCCCS
30	Phoenix Indian Medical Center	4212 N. 16th St.	602-263-1200							
31	Phoenix Pediatric Dental	6750 N. 19th Ave	602-242-5741	x	x	x	x	x	x	
32	Tooth Castle Pediatric Dentistry	2200 W. Bethany Home Rd	602-841-4400	x						
33	Western Dental Center	530 E. McDowell Rd	800-579-3783		x					DentaQuest, AZESIS
34	Western Dental Center	4550 E. Thomas Rd	800-579-3783		x					DentaQuest, AZESIS
35	Western Dental Center	3155 W. Indian School Rd	800-579-3783		x					DentaQuest, AZESIS
			TOTALS	17	14	6	11	15	13	

Map Illustrating Location of Dental Practices
Inside or Within 2 miles of the First Things First Central Phoenix Region
Claiming to Provide Oral Health Services to Children age 1-5



Observations Regarding Thematic Maps of Central Phoenix Region Demographics

Map: Children Aged Birth to Five

This map shows the number of children aged birth to five years in each of the Census Tracts within the Central Phoenix Region. Region-wide, there were about 35,000 children in that age range at the time of the 2010 Census. This is the number of all children, regardless of socio-economic classification. Higher numbers of children occur in the Alhambra, Creighton and Balsz elementary school districts; lower numbers in the Madison elementary district and in the Camelback-Arcadia neighborhoods.

Map: Families with Children Aged Birth to Five Years

Map: Percent Families with Children Aged Birth to Five Years

These two maps show the geographical distribution and relative concentration of families with children in the age range important to First Things First. There are about 19,000 families with children in this age range, comprising about 27 percent of all families in the Region. In other words, one family out of four has at least one child five or younger. The distribution of families with young children somewhat mirrors the geography of the map 'Children Aged Birth to Five'.

Map: Single-Parent Families with Children Aged Birth to Five Years

Map: Percent Single-Parent Families with Children Aged Birth to Five Years

There are over 8,000 single-parent families with young children in the FTF Central Phoenix Region, comprising 42 percent of all families with young children. Almost all of the Region south of McDowell Road has an above-average proportion of single-parent families with children five or younger.

Map: Percent Persons Below Poverty

The city-wide percentage of persons below the federal poverty level is about 19 percent – about one person out of every five. The way poverty is tabulated by the Census Bureau precludes accurate calculation for the Central Phoenix Region, but a weighted-average indicates that the ratio is closer to one-in-four-persons below poverty. Poverty is more prevalent in the southern third of the Region.

Map: Percent High School Graduate

This measure of educational attainment includes all persons aged 25 years and older, not just parents of young children. There is a marked diagonal 'banding' to the distribution, with northeasterly neighborhoods well educated and the attainment level dropping off towards the southwest.

Map: Percent Unemployed

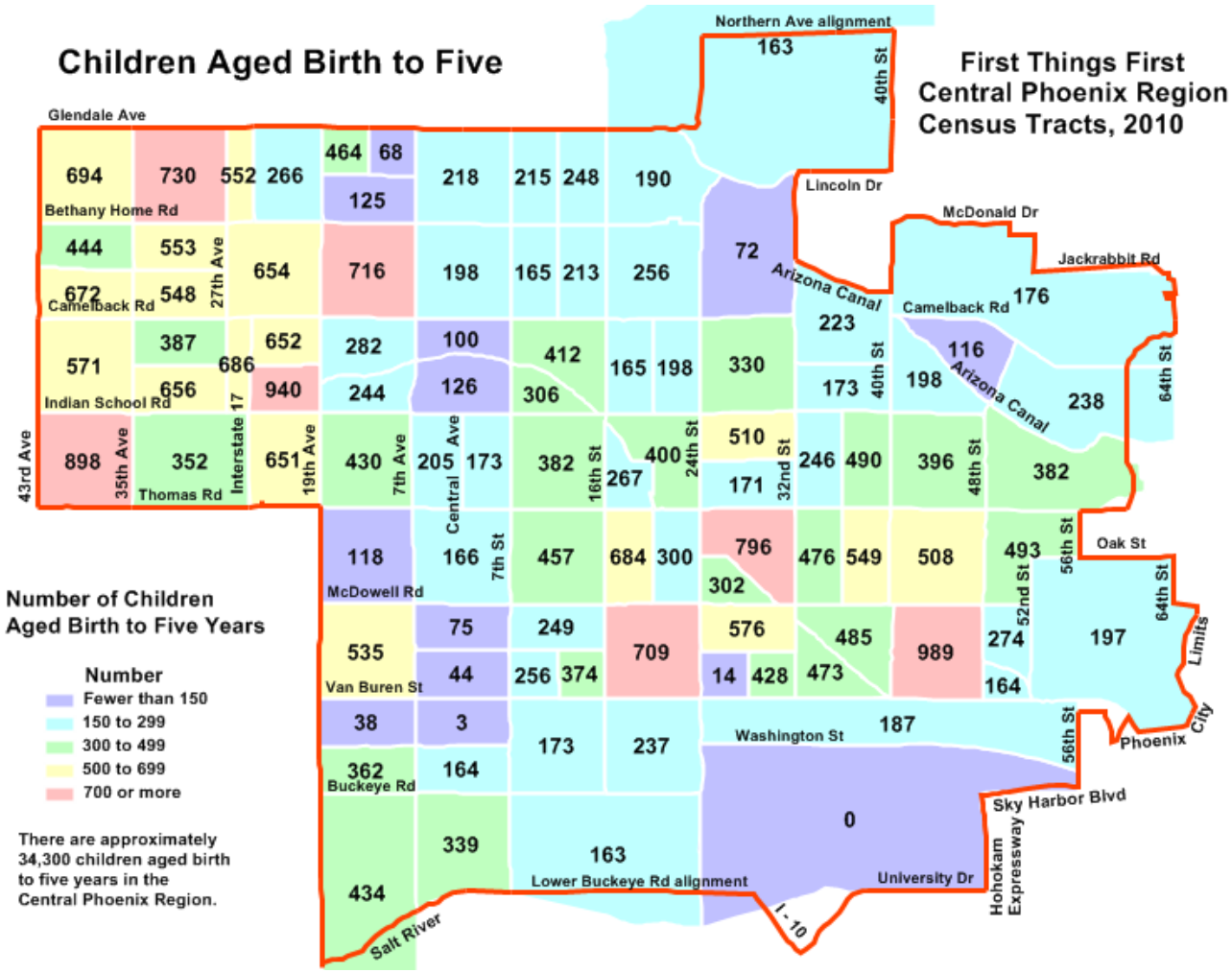
The most common unemployment measure, based on applications for unemployment benefits, is not useful here because it lacks geographic specificity. Instead, the Census tabulation of persons of working age who were unemployed on Census Day (April 1, 2010) allows Tract-by-Tract reporting. No distinct pattern emerges in the Central Phoenix Region – workers throughout the region appear to have almost random likelihoods of being out-of, or between, jobs that week.

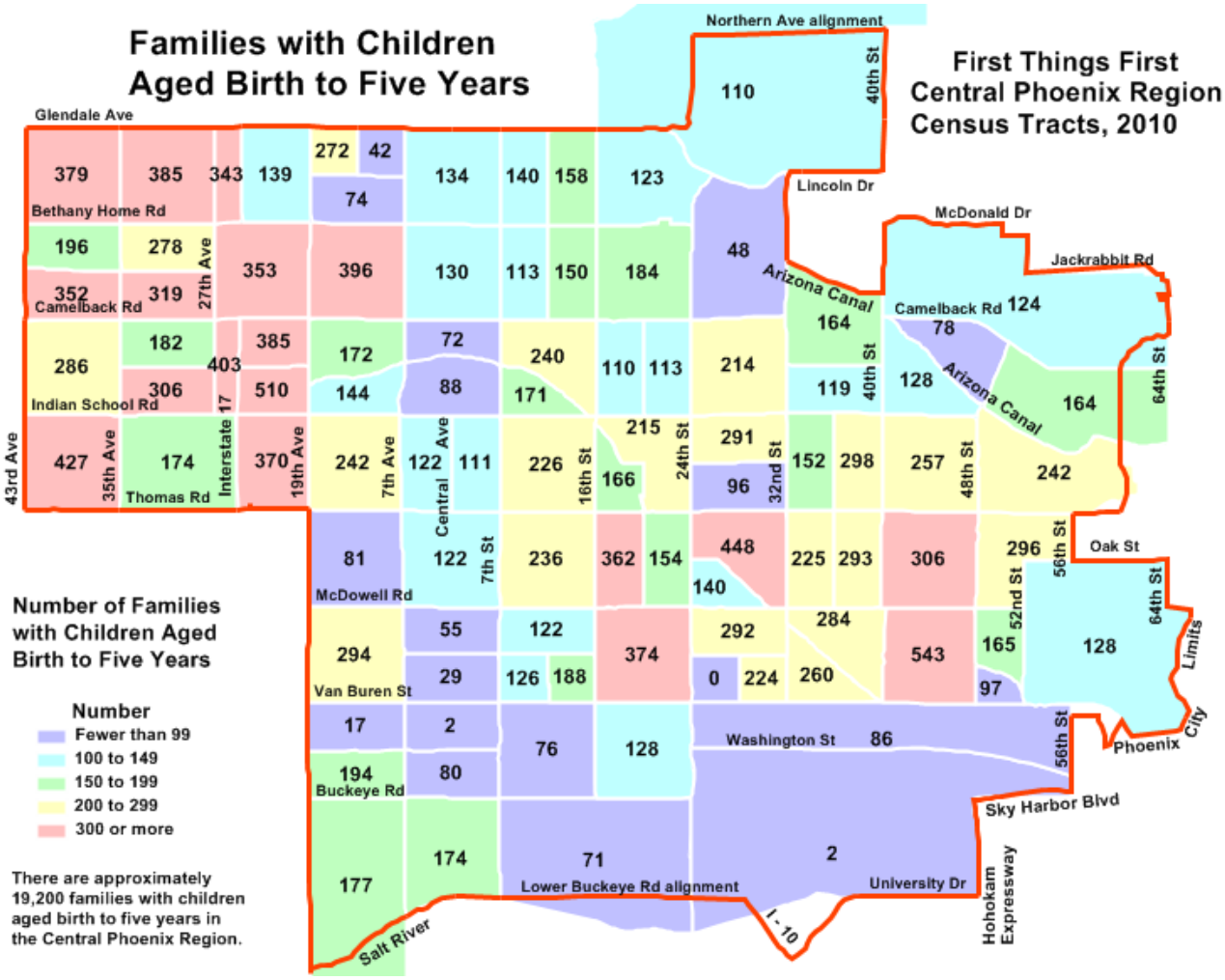
Maps: Percent Native-American/Black/Hispanic

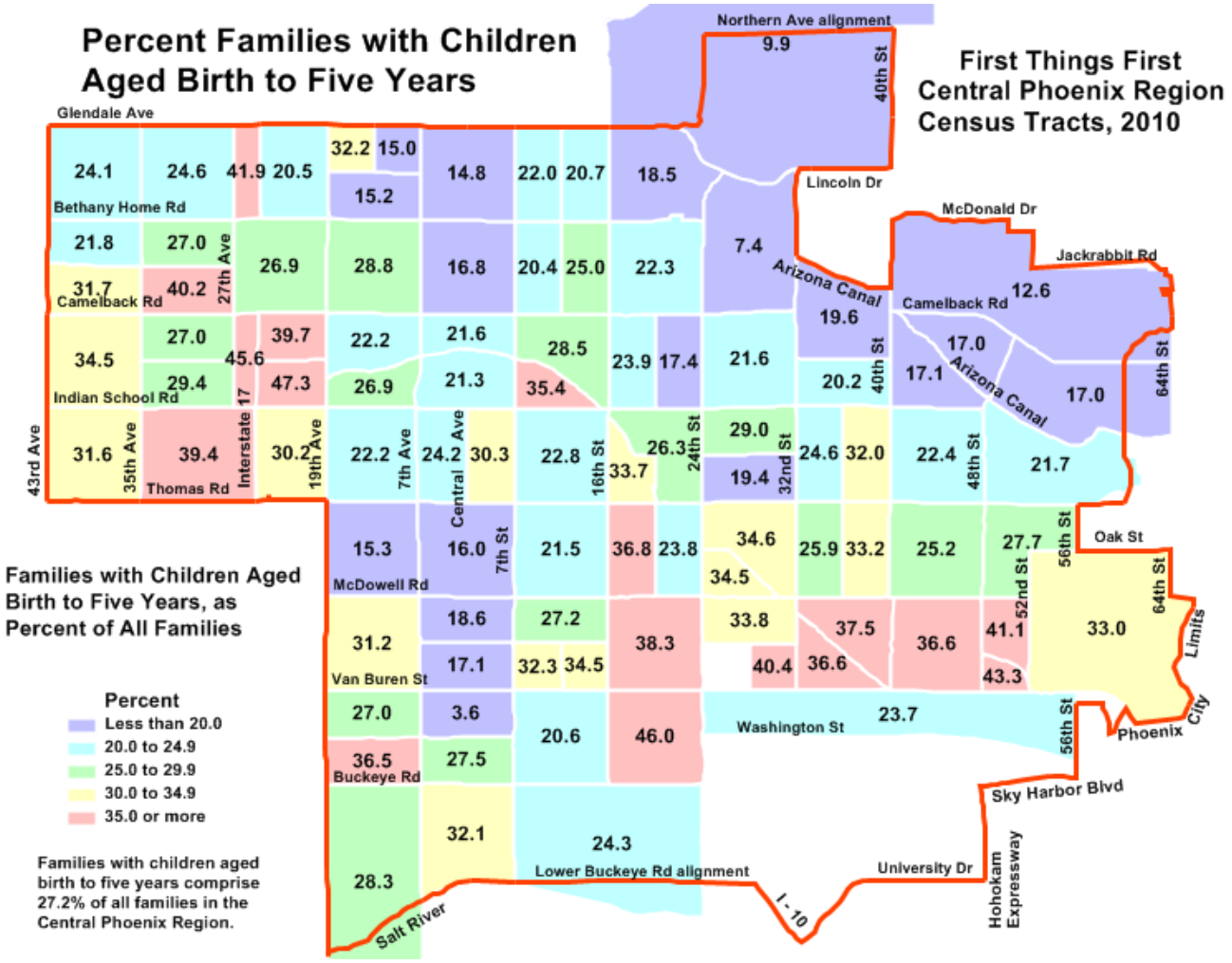
Native-American and Black populations (2.7 and 6.4 percent of the population, respectively) show only slight geographic concentrations (around the Indian School, and south of McDowell Road, respectively).

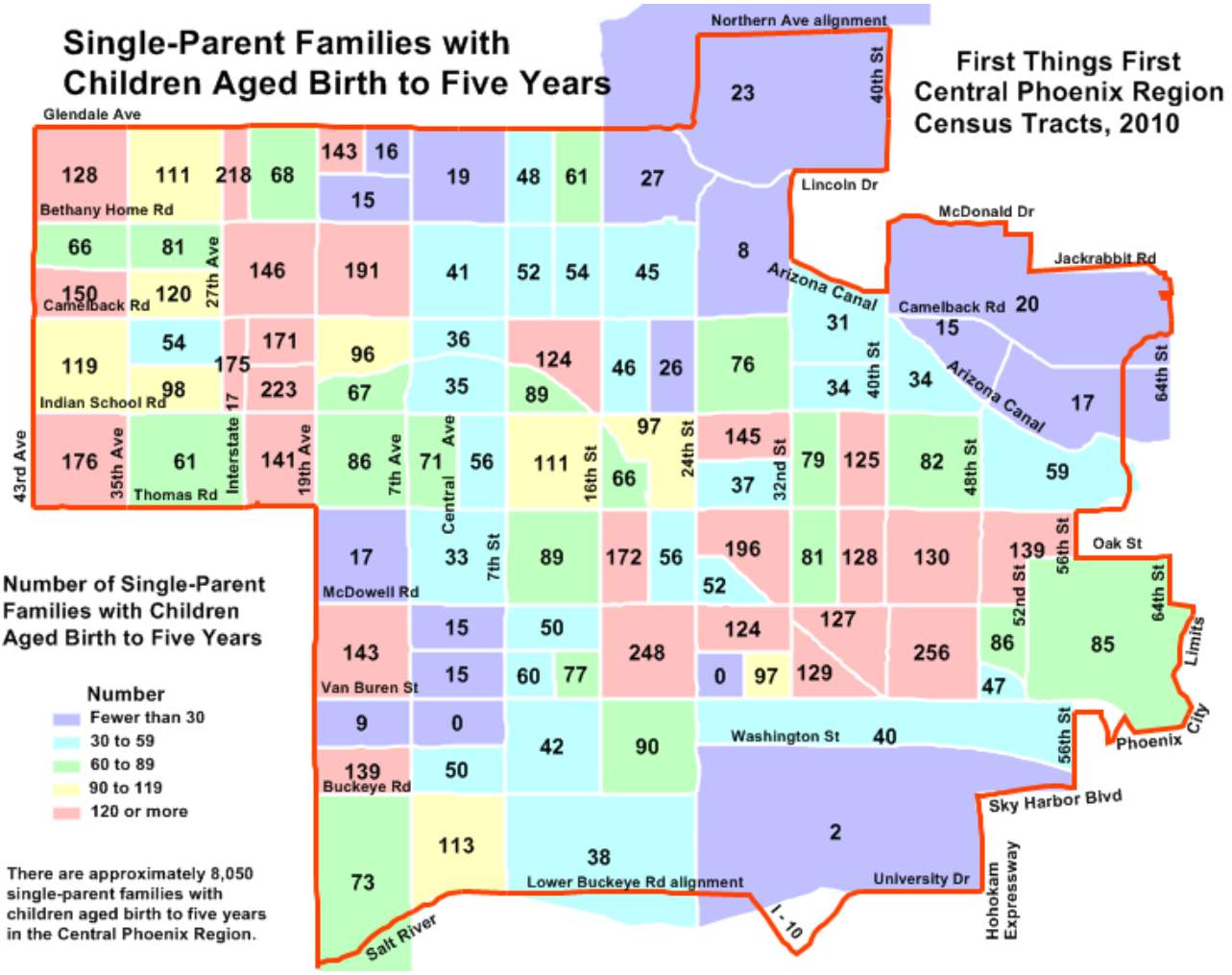
Hispanic residents, however, make up almost half of the Region's population, with concentrations occurring in southwesterly parts of the FTF Central Phoenix Region. Families in those areas are more likely to need Spanish-language assistance in their interactions with service providers.

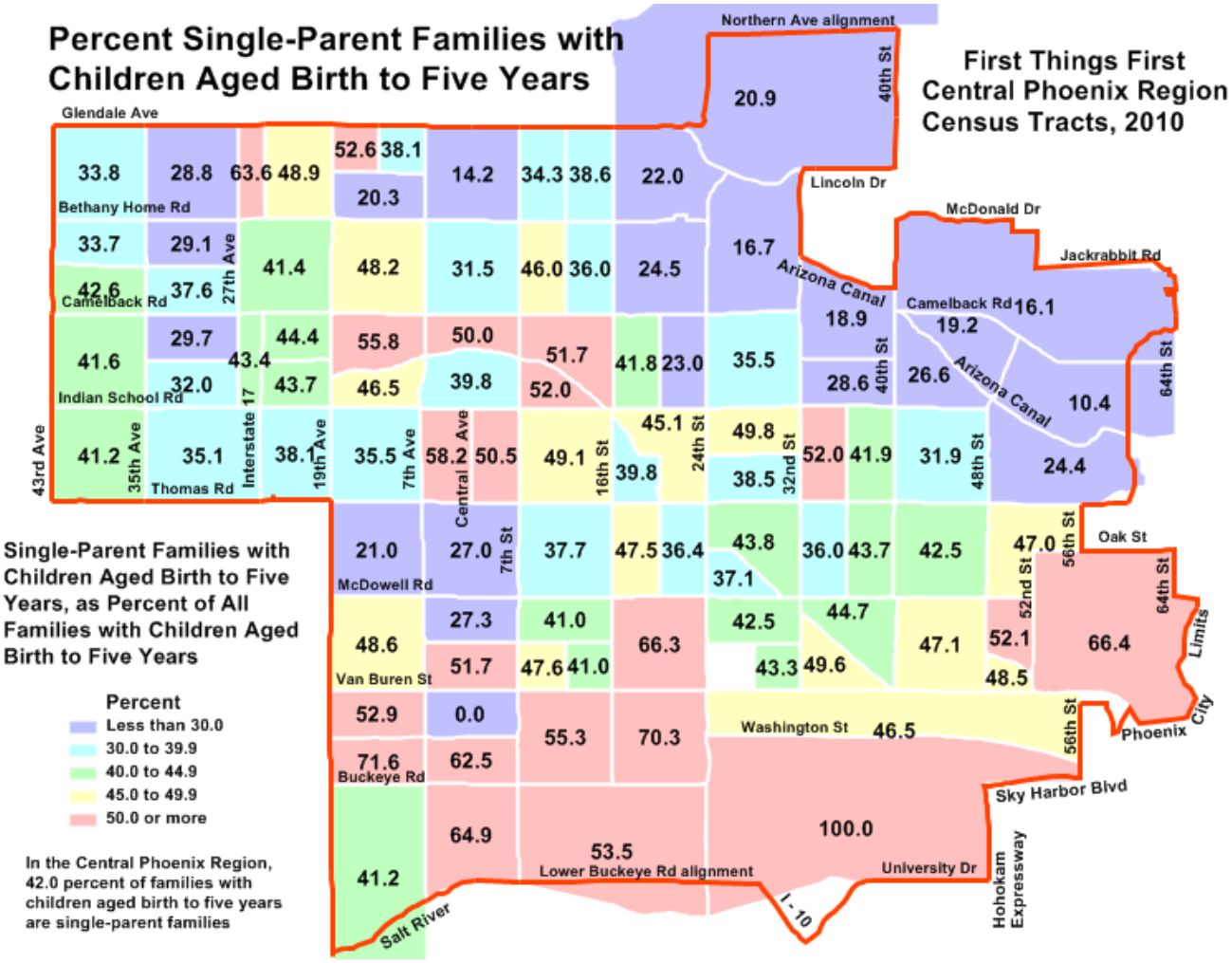
Thematic Maps of Central Phoenix Region Demographics

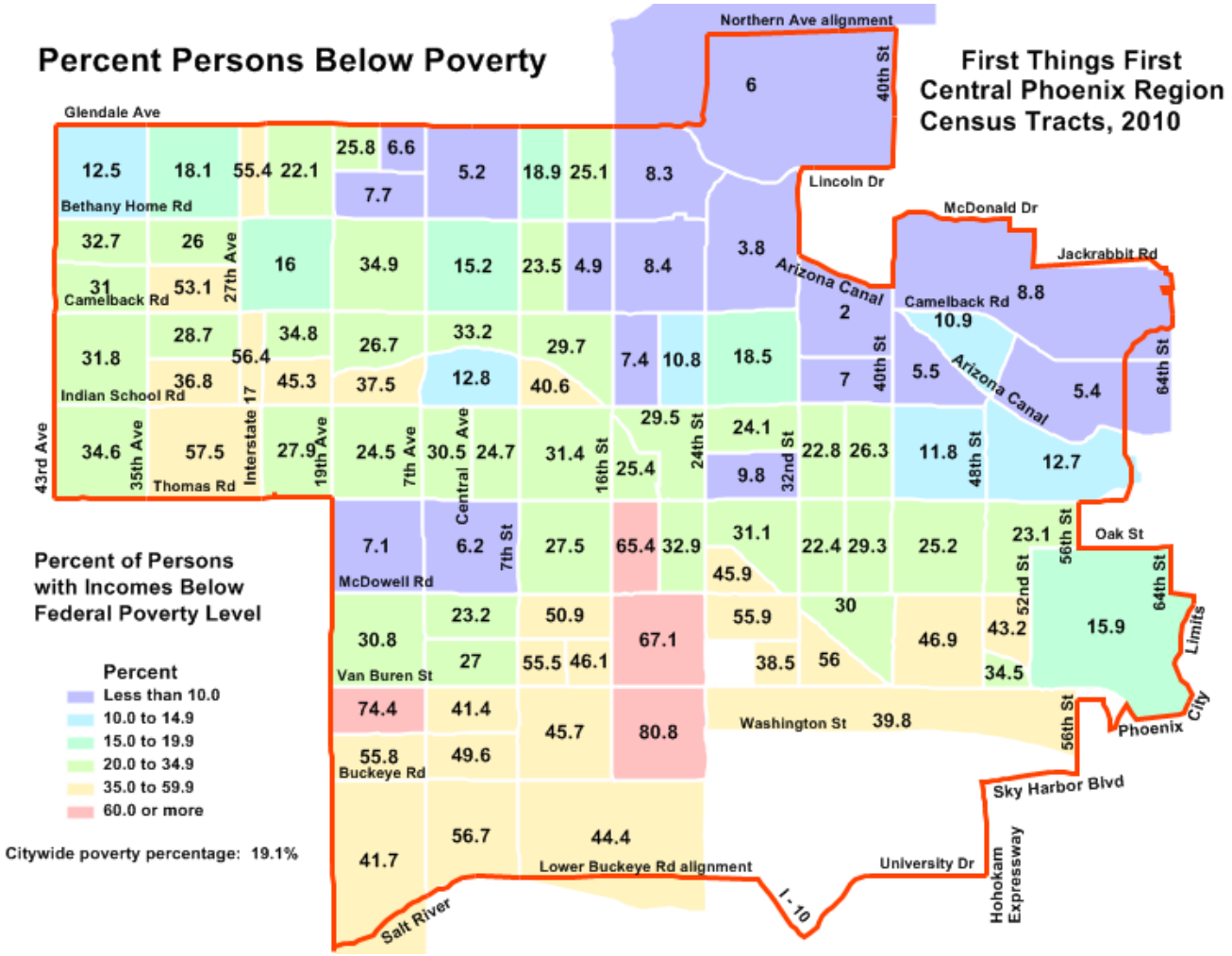


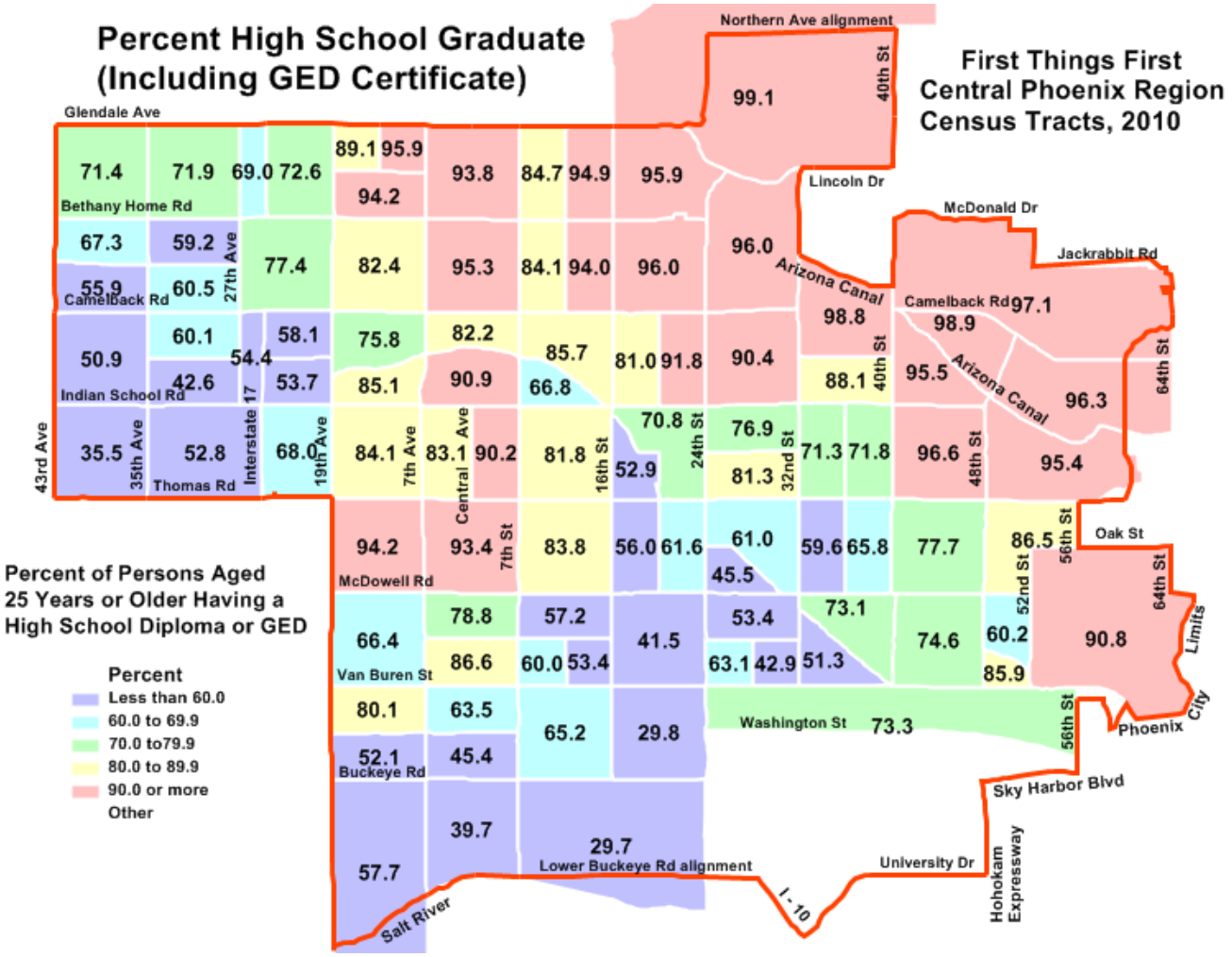

Families with Children
Aged Birth to Five Years
First Things First
Central Phoenix Region
Census Tracts, 2010
Number of Families
with Children Aged
Birth to Five Years
Number
Fewer than 99
100 to 149
150 to 199
200 to 299
300 or more
There are approximately
19,200 families with children
aged birth to five years in
the Central Phoenix Region.
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
University Dr
Sky Harbor Blvd
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
43rd Ave
35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
379
385
343
139
272
42
74
134
140
158
123
110
196
278
353
396
130
113
150
184
48
352
319
164
78
124
286
182
403
385
172
72
240
110
113
214
119
128
164
306
510
144
88
171
427
174
370
242
122
111
226
166
215
291
96
152
298
257
242
81
122
236
362
154
448
140
225
293
306
296
294
55
122
374
292
284
543
165
128
29
126
188
0
224
260
97
17
2
76
128
86
194
80
177
174
71
2

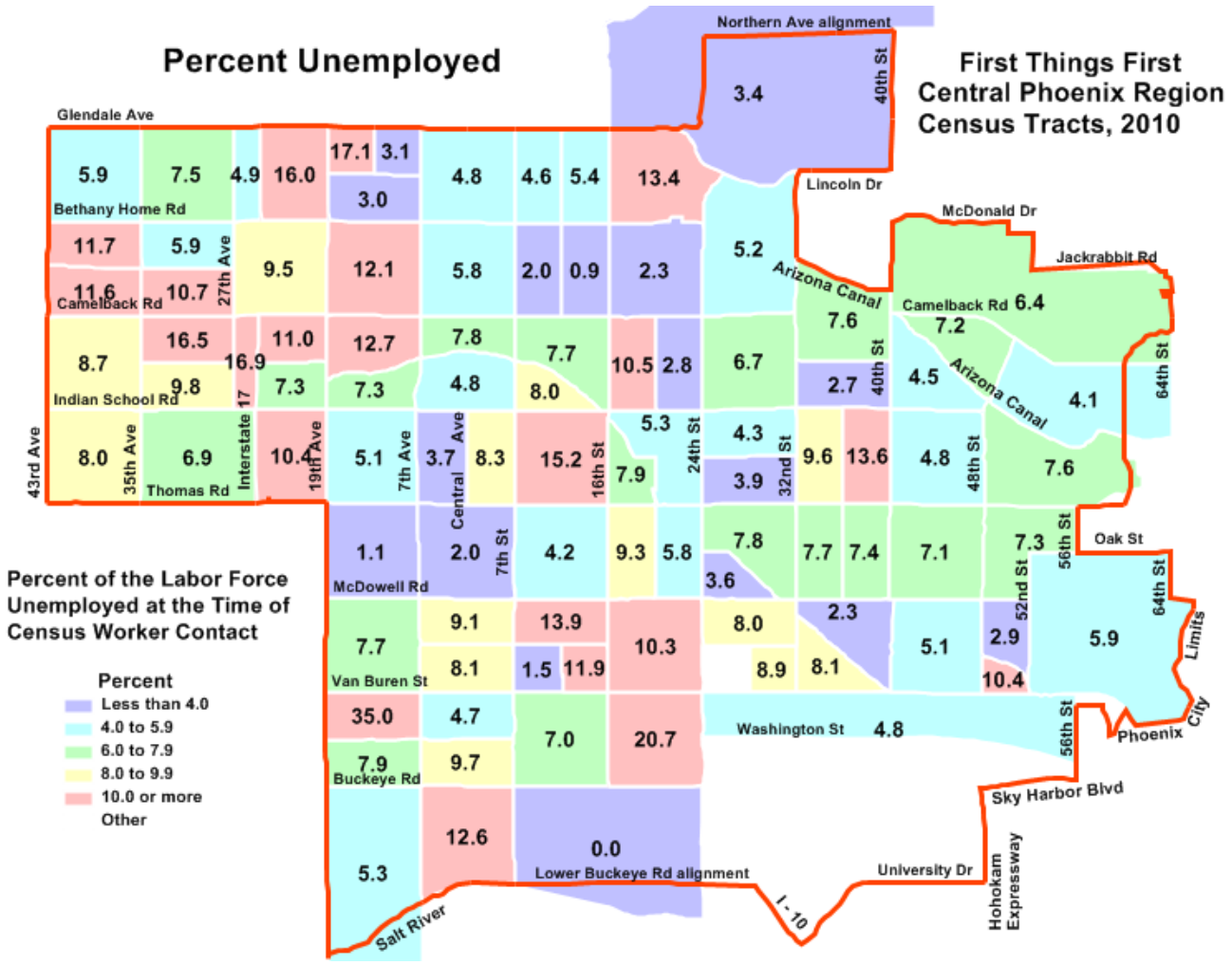

Percent Families with Children Aged Birth to Five Years
First Things First Central Phoenix Region Census Tracts, 2010
Families with Children Aged Birth to Five Years, as Percent of All Families
Percent
Less than 20.0
20.0 to 24.9
25.0 to 29.9
30.0 to 34.9
35.0 or more
Families with children aged birth to five years comprise 27.2% of all families in the Central Phoenix Region.
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Sky Harbor Blvd
University Dr
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
43rd Ave
35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St


Single-Parent Families with Children Aged Birth to Five Years
First Things First Central Phoenix Region Census Tracts, 2010
Number of Single-Parent Families with Children Aged Birth to Five Years
Number
Fewer than 30
30 to 59
60 to 89
90 to 119
120 or more
There are approximately 8,050 single-parent families with children aged birth to five years in the Central Phoenix Region.
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Sky Harbor Blvd
University Dr
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
43rd Ave
35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
128
111
218
68
143
16
15
19
48
61
27
23
66
81
146
191
41
52
54
45
8
150
120
54
171
96
36
124
46
26
76
31
15
20
119
175
98
223
67
35
89
34
34
17
176
61
141
86
71
56
111
66
97
145
37
79
125
82
59
17
33
89
172
56
196
52
81
128
130
139
15
50
124
127
143
15
60
77
248
0
97
129
256
86
47
85
9
0
42
90
40
139
50
2
73
113
38


Percent Single-Parent Families with Children Aged Birth to Five Years
First Things First Central Phoenix Region Census Tracts, 2010
Single-Parent Families with Children Aged Birth to Five Years, as Percent of All Families with Children Aged Birth to Five Years
Percent
Less than 30.0
30.0 to 39.9
40.0 to 44.9
45.0 to 49.9
50.0 or more
In the Central Phoenix Region, 42.0 percent of families with children aged birth to five years are single-parent families
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Sky Harbor Blvd
University Dr
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
43rd Ave
35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
20.9
33.8
28.8
63.6
48.9
52.6
38.1
20.3
14.2
34.3
38.6
22.0
16.7
33.7
29.1
41.4
48.2
31.5
46.0
36.0
24.5
42.6
37.6
18.9
19.2
16.1
41.6
29.7
44.4
55.8
50.0
51.7
41.8
23.0
35.5
32.0
43.4
43.7
46.5
39.8
52.0
28.6
26.6
10.4
41.2
35.1
38.1
35.5
58.2
50.5
49.1
39.8
45.1
49.8
38.5
52.0
41.9
31.9
24.4
21.0
27.0
37.7
47.5
36.4
43.8
37.1
36.0
43.7
42.5
47.0
27.3
41.0
42.5
44.7
48.6
51.7
47.6
41.0
66.3
43.3
49.6
47.1
52.1
48.5
66.4
52.9
0.0
55.3
70.3
46.5
71.6
62.5
64.9
53.5
100.0
41.2


Percent Persons Below Poverty
First Things First
Central Phoenix Region
Census Tracts, 2010
Percent of Persons
with Incomes Below
Federal Poverty Level
Percent
Less than 10.0
10.0 to 14.9
15.0 to 19.9
20.0 to 34.9
35.0 to 59.9
60.0 or more
Citywide poverty percentage: 19.1%
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Sky Harbor Blvd
University Dr
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
43rd Ave
35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
6
25.8
6.6
12.5
18.1
55.4
22.1
7.7
5.2
18.9
25.1
8.3
32.7
26
16
34.9
15.2
23.5
4.9
8.4
3.8
31
53.1
2
8.8
10.9
28.7
34.8
26.7
33.2
29.7
7.4
10.8
18.5
31.8
56.4
36.8
45.3
37.5
12.8
40.6
7
5.5
5.4
29.5
24.1
34.6
57.5
27.9
24.5
30.5
24.7
31.4
25.4
22.8
26.3
11.8
12.7
9.8
7.1
6.2
27.5
65.4
32.9
31.1
23.1
22.4
29.3
25.2
45.9
30.8
23.2
50.9
67.1
55.9
30
46.9
43.2
15.9
27
55.5
46.1
38.5
56
34.5
74.4
41.4
45.7
80.8
39.8
55.8
49.6
41.7
56.7
44.4


Percent High School Graduate
(Including GED Certificate)
First Things First
Central Phoenix Region
Census Tracts, 2010
Percent of Persons Aged
25 Years or Older Having a
High School Diploma or GED
Percent
Less than 60.0
60.0 to 69.9
70.0 to79.9
80.0 to 89.9
90.0 or more
Other
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Sky Harbor Blvd
University Dr
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
43rd Ave
35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
99.1
71.4
71.9
69.0
72.6
89.1
95.9
94.2
93.8
84.7
94.9
95.9
67.3
59.2
77.4
82.4
95.3
84.1
94.0
96.0
96.0
55.9
60.5
98.8
98.9
97.1
50.9
60.1
54.4
58.1
75.8
82.2
85.7
81.0
91.8
90.4
42.6
53.7
85.1
90.9
66.8
88.1
95.5
96.3
35.5
52.8
68.0
84.1
83.1
90.2
81.8
52.9
70.8
76.9
81.3
71.3
71.8
96.6
95.4
94.2
93.4
83.8
56.0
61.6
61.0
45.5
59.6
65.8
77.7
86.5
66.4
78.8
57.2
41.5
53.4
73.1
74.6
60.2
90.8
86.6
60.0
53.4
63.1
42.9
51.3
85.9
80.1
63.5
65.2
29.8
73.3
52.1
45.4
39.7
29.7
57.7


Percent Unemployed
First Things First
Central Phoenix Region
Census Tracts, 2010
Percent of the Labor Force Unemployed at the Time of Census Worker Contact
Percent
Less than 4.0
4.0 to 5.9
6.0 to 7.9
8.0 to 9.9
10.0 or more
Other
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Lincoln Dr
McDonald Dr
Jackrabbit Rd
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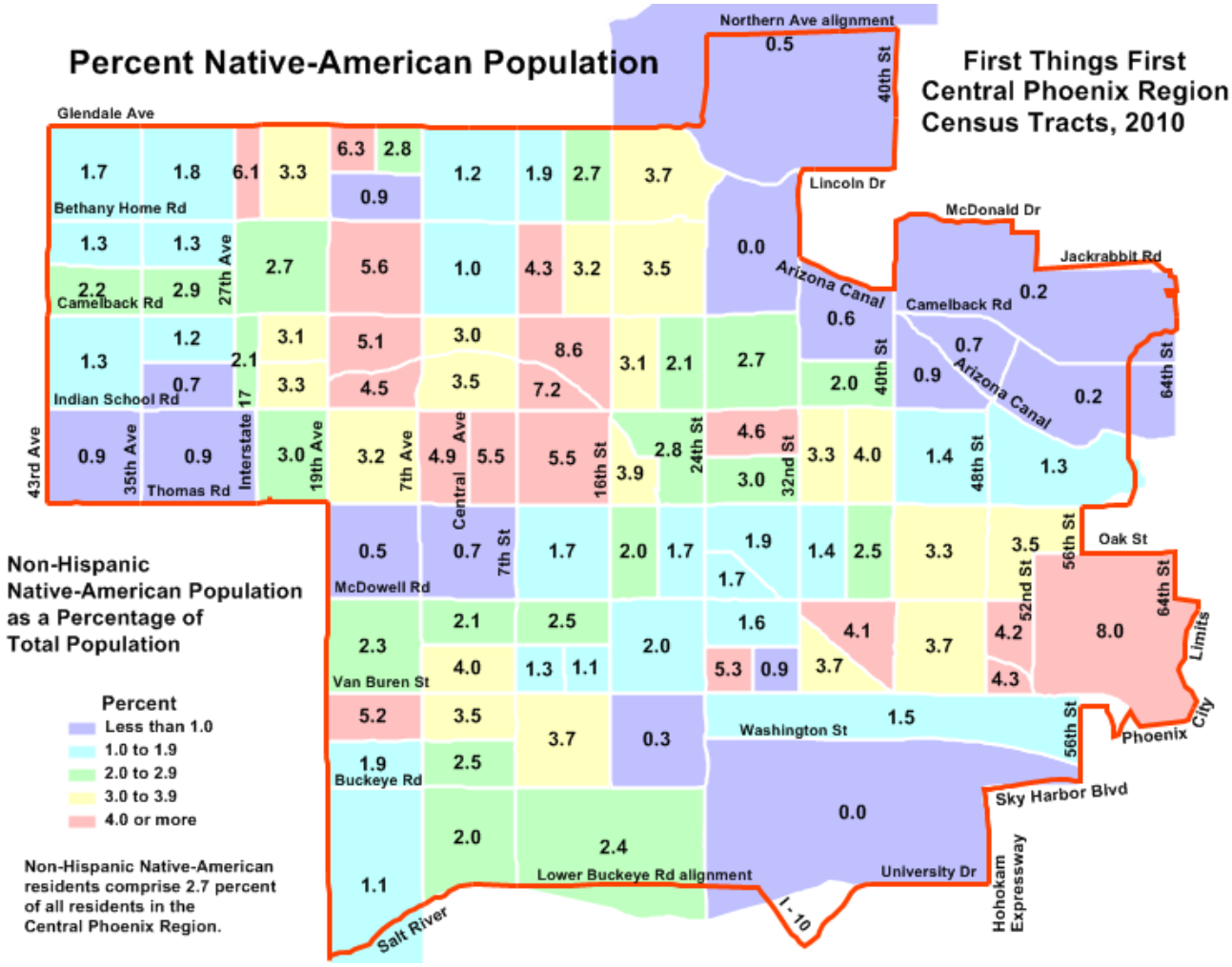
7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
3.4
5.9
7.5
4.9
16.0
17.1
3.1
3.0
4.8
4.6
5.4
13.4
11.7
5.9
11.6
10.7
9.5
12.1
5.8
2.0
0.9
2.3
5.2
7.6
7.2
6.4
8.7
16.5
16.9
11.0
12.7
7.8
7.7
10.5
2.8
6.7
9.8
7.3
7.3
4.8
8.0
2.7
4.5
4.1
8.0
6.9
10.4
5.1
3.7
8.3
15.2
7.9
5.3
4.3
3.9
9.6
13.6
4.8
7.6
1.1
2.0
4.2
9.3
5.8
7.8
3.6
7.7
7.4
7.1
7.3
7.7
9.1
13.9
10.3
8.0
2.3
5.1
2.9
5.9
8.1
1.5
11.9
8.9
8.1
10.4
35.0
4.7
7.0
20.7
4.8
7.9
9.7
5.3
12.6
0.0


Percent Native-American Population
First Things First
Central Phoenix Region
Census Tracts, 2010
Non-Hispanic
Native-American Population
as a Percentage of
Total Population
Percent
Less than 1.0
1.0 to 1.9
2.0 to 2.9
3.0 to 3.9
4.0 or more
Non-Hispanic Native-American residents comprise 2.7 percent of all residents in the Central Phoenix Region.
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
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McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Salt River
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Arizona Canal
Oak St
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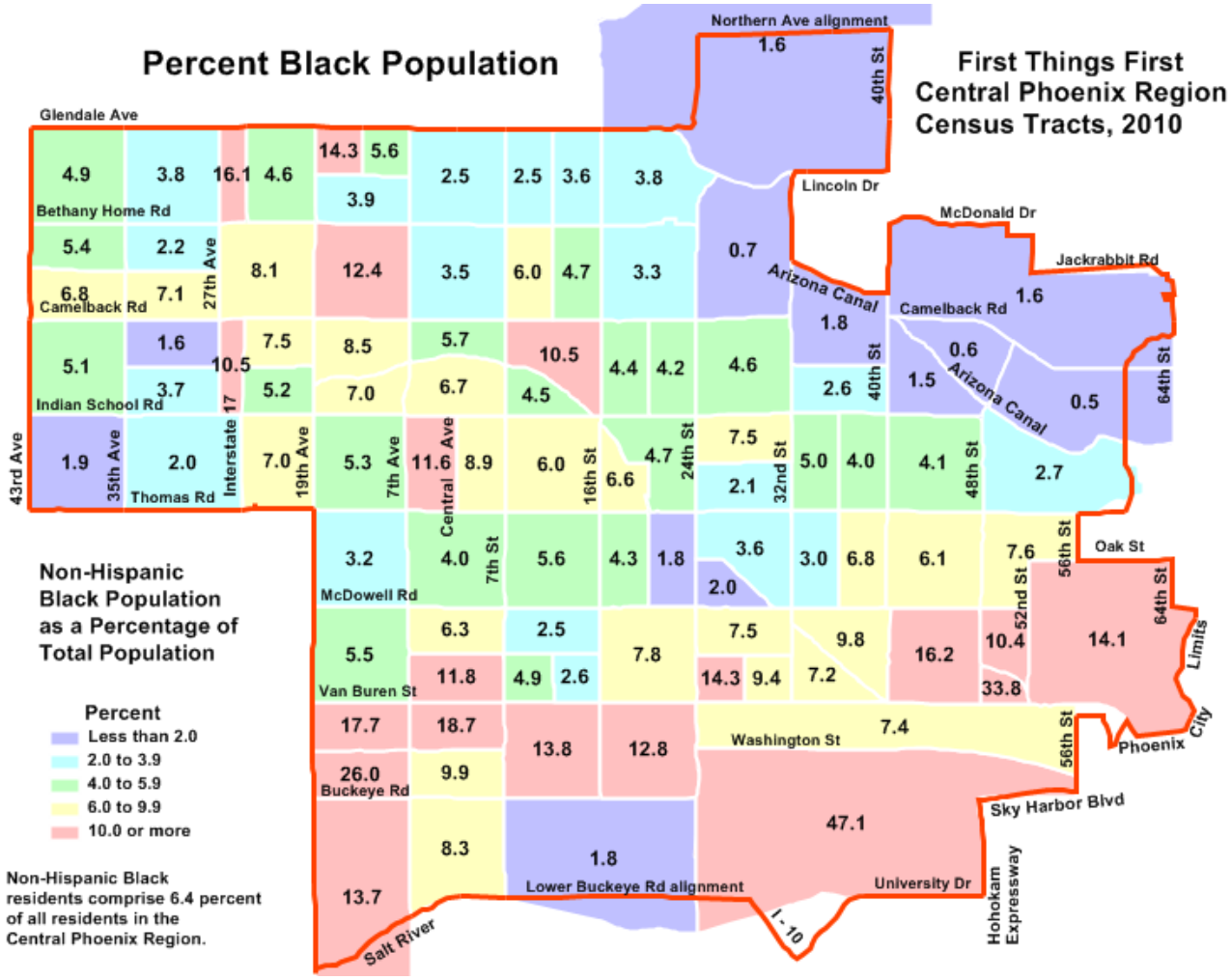
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St


Percent Black Population
First Things First
Central Phoenix Region
Census Tracts, 2010
Non-Hispanic
Black Population
as a Percentage of
Total Population
Percent
Less than 2.0
2.0 to 3.9
4.0 to 5.9
6.0 to 9.9
10.0 or more
Non-Hispanic Black residents comprise 6.4 percent of all residents in the Central Phoenix Region.
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
University Dr
Sky Harbor Blvd
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Arizona Canal
Salt River
I - 10
Hohokam Expressway
Phoenix City Limits
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35th Ave
27th Ave
Interstate 17
19th Ave
7th Ave
Central Ave
7th St
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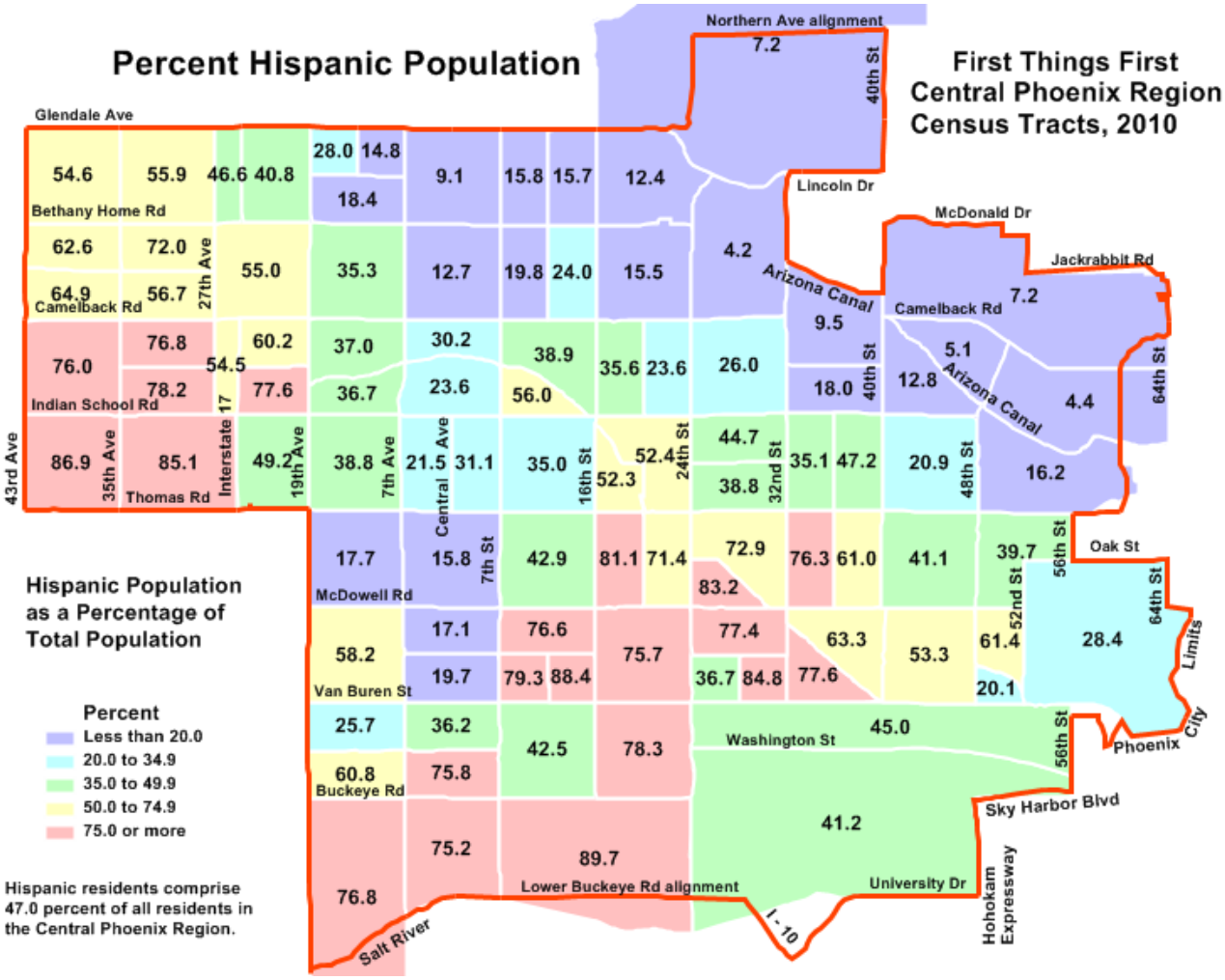
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St


Percent Hispanic Population
First Things First
Central Phoenix Region
Census Tracts, 2010
Hispanic Population
as a Percentage of
Total Population
Percent
Less than 20.0
20.0 to 34.9
35.0 to 49.9
50.0 to 74.9
75.0 or more
Hispanic residents comprise
47.0 percent of all residents in
the Central Phoenix Region.
Northern Ave alignment
Glendale Ave
Bethany Home Rd
Camelback Rd
Indian School Rd
Thomas Rd
McDowell Rd
Van Buren St
Buckeye Rd
Lower Buckeye Rd alignment
Washington St
Lincoln Dr
McDonald Dr
Jackrabbit Rd
Oak St
Sky Harbor Blvd
University Dr
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7th Ave
Central Ave
7th St
16th St
24th St
32nd St
40th St
48th St
52nd St
56th St
64th St
7.2
54.6
55.9
46.6
40.8
28.0
14.8
18.4
9.1
15.8
15.7
12.4
62.6
72.0
64.9
56.7
55.0
35.3
12.7
19.8
24.0
15.5
4.2
9.5
7.2
76.8
60.2
54.5
37.0
30.2
38.9
35.6
23.6
26.0
5.1
76.0
78.2
77.6
36.7
23.6
56.0
18.0
12.8
4.4
86.9
85.1
49.2
38.8
21.5
31.1
35.0
52.3
52.4
44.7
38.8
35.1
47.2
20.9
16.2
17.7
15.8
42.9
81.1
71.4
72.9
83.2
76.3
61.0
41.1
39.7
58.2
17.1
76.6
75.7
77.4
63.3
53.3
61.4
28.4
19.7
79.3
88.4
36.7
84.8
77.6
20.1
25.7
36.2
42.5
78.3
45.0
60.8
75.8
41.2
75.2
89.7
76.8