

# 2019 CHNA Appendix (ACNW)

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- Appendix A: Secondary Data
  - A1: Demographics

	Child Population by age		Child Population by race			Child Population change 2010-2016 by race			Language spoken at home (ages 5-17)		
Source:	American Community Survey 5-Year Estimates Table B09001: 2013-2017		American Community Survey 5-year estimates, Tables B17001B, I, and A: 2012-2016			American Community Survey 5-year Estimates, Tables B17001B, I, and A: 2006-2010, and 2012-2016			Census 2012-2016 ACS table S1601, S1602, S1603 and S1604		
Location	Total under 18	Total under 3	African-American	Hispanic	White	African-American	Hispanic	White	Spanish	Other Indo-European	Asian and pacific islander languages
Arkansas	705,718	112,504	126,755	80,547.00	495,489	-5.1%	20.7%	-0.12%	1.4%	0.1%	0.2%
Northwest Arkansas	205,767	32,747	5,927	42,079	160,903	17.6%	19.9%	5.83%			
Benton	67,957	10,495	883	15,118.00	56,487	30%	18%	24%	2.7%	0.1%	0.4%
Boone	8,475	1,454	3	279.00	7,791	-25%	6%	-1%	0.0%	0.0%	0.0%
Carroll	6,195	907	103	1,584.00	5,627	194%	19%	12%	3.1%	0.4%	0.3%
Crawford	15,515	2,355	226	1,644.00	13,385	-25%	12%	-5%	1.9%	0.0%	0.2%
Franklin	4,152	655	9	198.00	3,774	29%	41%	-10%	0.1%	0.0%	0.1%
Johnson	6,407	1,051	60	1,355.00	5,839	173%	25%	1%	2.8%	0.1%	0.1%
Logan	4,894	777	85	215.00	4,277	70%	-2%	-15%	0.0%	0.0%	0.7%
Madison	3,747	597	36	308.00	3,351	260%	20%	-4%	1.2%	0.0%	0.0%
Newton	1,574	161	-	38.00	1,520	-100%	81%	-7%	0.0%	0.0%	0.0%
Sebastian	31,052	4,997	2,177	6,831.00	22,236	10%	17%	-6%	3.0%	0.1%	0.6%
Washington	55,799	9,298	2,345	14,509.00	36,616	21%	25%	3%	4.1%	0.1%	0.9%

- A2: Equitable Access to Care

Source	County health rankings :RWJF analysis of Census Bureau (SAHIE) 2015 database		Ruralhealthinfo.org 2017	
	Percent of Uninsured Adults	Well-child visits in the 3rd, 4th, 5th, and 6th Years of life	Percent Uninsured <18	Health Professional Shortage area: Primary Care
Arkansas (State)	13.59	56.79%	4.999	
Benton	14.33	52.00%	5.056	Part of county is shortage area
Boone	12.69	56.21%	4.629	Part of county is shortage area
Carroll	20.21	50.94%	7.848	Part of county is shortage area
Crawford	14.84	51.67%	5.853	Part of county is shortage area
Franklin	13.88	49.65%	5.310	Part of county is shortage area
Johnson	18.41	53.67%	7.244	Part of county is shortage area
Logan	13.90	52.66%	4.496	Part of county is shortage area
Madison	17.73	49.28%	7.654	Part of county is shortage area
Newton	13.39	56.02%	5.773	Whole county is shortage area
Sebastian	15.95	55.74%	5.882	None of county is shortage area
Washington	16.72	60.09%	5.624	Part of county is shortage area

Arkansas Well-Child Visits by Gender and Race			
Source: Arkansas Department of Health Metric Catalog, released Sept 2018			
		In the 3rd, 4th, 5th, and 6th Years of life	Adolescents
Gender	Female	56.07%	35.08%
	Male	57.49%	36.29%
Race	White	53.85%	33.55%
	Black or African American	59.02%	36.53%
	American Indian or Alaska Native	49.19%	32.16%
	Asian	58.80%	31.26%
	Hispanic or Latino (no race information available)	63.88%	41.17%
	Native Hawaiian or Other Pacific Islander	36.34%	16.00%
	Hispanic or Latino and one or more races	55.81%	39.01%
	More than one race (Hispanic or Latino not Indicated)	56.98%	37.75%
	Unknown	58.66%	37.49%
Statewide		56.79%	35.68%

○ A3: Obesity

Source	Source: RWJF Analysis of 2010 and 2016 data from: Business Analyst, Delorme map data, ESRI, & US Census Tigerline Files	Source: ACHI 2017-18 Assessment of Childhood and Adolescent Obesity in Arkansas				
	Percent of population with adequate access to locations for physical activity	Underweight	Healthy Weight	Overweight	Obese	Overweight and obese
Washington	86%	2%	59%	18%	21%	39%
Benton	76%	3%	62%	17%	19%	35%
Logan	70%	2%	59%	16%	22%	38%
Sebastian	69%	2%	59%	17%	22%	39%
Crawford	68%	2%	59%	17%	21%	38%
State of Arkansas	66%	2%	58%	17%	22%	39%
Boone	63%	2%	60%	15%	23%	38%
Newton	59%	1%	57%	20%	22%	42%
Franklin	58%	2%	60%	17%	21%	38%
Johnson	54%	2%	54%	17%	27%	45%
Carroll	50%	2%	57%	17%	24%	41%
Madison	48%	2%	66%	16%	16%	32%

○ A4: Mental Health and Substance Use

Source	RWJF county health rankings 2016	ARKANSAS BRFSS 2016 COUNTY ESTIMATES	RWJF county health rankings 2017	2017 Ruralhealthinfo.org	Kids Count Data Center 2017	Aspire Arkansas 2016
	Average mentally unhealthy days in past 30 days	Adults told they Had a Depressive Disorder (%)	Ratio of population to mental health providers	Health Professional Shortage area: Mental Health	Individuals Receiving Substance Abuse Treatment (Unduplicated Clients)	Student Drug Use
Arkansas (State)	5.2	23.7%	490:1			20%
Benton	4.4	22.1%	490:1	Part of county is shortage area	901.0	21%
Boone	4.6	29.9%	1036:1	Part of county is shortage area	131.0	22%
Carroll	4.8	23.1%	1257:1	Whole county is shortage area	98.0	22%
Crawford	5.1	28.6%	2306:1	Part of county is shortage area	343.0	25%
Franklin	5.0	27.8%		Part of county is shortage area	100.0	20%
Johnson	5.1	27.5%	403:1	Part of county is shortage area	109.0	17%
Logan	4.8	24.6%	4358:1	Part of county is shortage area	135.0	21%
Madison	5.1	24.4%	731:1	Whole county is shortage area	36.0	12%
Newton	5.0	29.7%	3968:1	Part of county is shortage area	12.0	16%
Sebastian	4.8	29.5%	333:1	Part of county is shortage area	759.0	22%
Washington	4.3	24.3%	287:1	Part of county is shortage area	983.0	18%

○ A5: Reproductive Health

Source	Kids Count Data Center 2016	RWJF / National Center for Health Statistics - Natality files 2010-2016			
	Teen birth rate by county (2016)	Low birthweight as percent of all live births	LBW White	LBW Black	LBW Hispanic
State of Arkansas	33.5	8.9			
Benton	26.4	7.4	10.5	6.9	7.4
Boone	41.4	6.1			
Carroll	36.1	6.8		3.8	7.5
Crawford	27.9	7.8	19.5	5.7	7.9
Franklin	37.3	9.5			
Johnson	41.4	6.9		7.7	6.6
Logan	42.5	9.8			
Madison	50.5	6.8			
Newton	39.6	6.6			
Sebastian	35.9	7.5	12.0	6.1	7.4
Washington	24.6	8.0	15.3	7.6	7.5

Infant Mortality: Arkansas	
Kids Count Data Center - Arkansas 2016	
Infant Mortality Rate	8.1
Black	12.0
Hispanic	5.2
White	7.3

<b>Reports of Rape among high school students in Arkansas is increasing</b>		
Data from the Centers for Disease Control and Prevention Youth Risk Behavior Survey		
	Arkansas	US
2001	9.7	7.7
2005	11.2	7.5
2007	14	7.8
2009	13.1	7.4
2011	10.2	8
2013	11.6	7.3
2015	11.7	6.7
2017	19.2	7.4

<b>Sexually Transmitted Infections: Arkansas</b>	
AR Department of Health, AR STD Annual Report 2016	
Chlamydia cases, all ages, 2016	16737
Ages <13	31
Ages 13-14	136
Ages 15-18	3509
Gonorrhea cases, all ages, 2016	5732
Ages <13	14
Ages 13-14	37
Ages 15-18	865
Syphilis cases, all ages 2016	150
Ages 15-18	2
HIV disease prevalence, ages 13-24, 2017	1246



- A6: Social Issues

<b>Arkansas Child Welfare</b>					
Source: DHS Annual Statistical Reports					
State Fiscal Year	2013	2014	2015	2016	2017
True Cases of Child Maltreatment	7967	9675	9543	10117	9364
Children in Foster Care	7700	7513	4418	4957	5113

<b>Economic Wellbeing</b>			<b>Families and housing</b>		
	Prosperity Now- Assets and Opportunity Scorecard, 2016	2018 Kids Count Profile	Kids Count Datacenter, 2016	Kids Count Datacenter, 2017	Kids Count Rankings 2018
	Arkansas Liquid Asset Poverty	Kids Count Ranking, Economic Well-Being	Children in single-parent families	Children living in households that are owned	Kids Count Ranking, Family and Community
US	43.5		35%	59%	
Arkansas	51.9 (rank 34)	41	38%	59%	45th

Source	Census ACS 5 year, 2012-2016 B17001, B17001B, B17001I, B17001A						Census table DP03 (2012-2016) American Community Survey 5-Year Estimates		
	Overall Poverty rate	Child poverty rate (age <18)	Child poverty rate (age <5)	African American Child Poverty Rate	Hispanics Child Poverty Rate	White Child Poverty Rate	Median Household Income	Civilian Unemployment rate	Mean travel time to work (minutes)
State of Arkansas	19%	27%	31%	46%	39%	21%	42,336	4.00%	21.6
Benton	11%	16%	18%	16%	28%	16%	59,016	2.20%	19.7
Boone	17%	25%	34%	0%	10%	25%	38,664	4.70%	19.4
Carroll	17%	25%	27%	100%	43%	22%	38,145	3.30%	19.7
Crawford	19%	27%	25%	11%	47%	26%	41,792	4.00%	23
Franklin	21%	29%	29%	100%	19%	31%	39,482	4.50%	25.9
Johnson	21%	31%	36%	2%	54%	31%	34,031	3.10%	20.6
Logan	19%	25%	30%	100%	46%	23%	36,463	4.20%	26.8
Madison	18%	22%	25%	0%	23%	21%	39,839	2.90%	31.5
Newton	22%	29%	29%	-	0%	29%	33,176	2.50%	33.7
Sebastian	22%	34%	33%	66%	46%	31%	40,023	3.20%	18.7
Washington	19%	22%	26%	39%	38%	15%	45,442	3.40%	21.6

Source	RWJF / ED facts 2014-2015	RWJF/ 'Environmental Public Health Tracking Network	RWJF / Safe Drinking Water Information System	RWJF Comprehensive Housing Affordability Strategy (CHAS)
	High School graduation rate	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5) - 2012	Indicator of the presence of health-related drinking water violations. 2016	Households with one or more problems of: overcrowding, high costs, or lack of kitchen or plumbing facilities - 2010-2014
State of Arkansas	85%	10.1		15%
Benton	90%	10.0	Yes	12%
Boone	92%	9.2	Yes	12%
Carroll	81%	9.2	Yes	17%
Crawford	87%	10.0	No	14%
Franklin	89%	9.7	Yes	12%
Johnson	88%	9.7	No	16%
Logan	94%	9.8	Yes	10%
Madison	88%	9.1	No	13%
Newton	88%	8.8	Yes	17%
Sebastian	84%	10.2	Yes	16%
Washington	86%	9.7	Yes	19%

○ A7: Parenting Supports

<b>Infant Mortality: Arkansas and the US</b>										
Source: Kids Count Data Center analysis of CDC and National Center of Health Statistics data										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
United States	6.8	6.6	6.4	6.1	6.1	6	6	5.8	5.9	5.9
Arkansas	7.7	7.4	7.7	7.3	7.4	7	7.6	7.5	7.5	8.1

Source	ARKANSAS BRFSS 2016 COUNTY ESTIMATES	Kids Count Data 2017					Aspire Arkansas 2016
	Parents with 4 or more ACES	Total true reports of child maltreatment	Children in foster care: Total	Children in foster care: African American	Children in foster care: Hispanic	Children in foster care: White	Infant Mortality rate 2016
State of Arkansas	19.1						7
Benton	20.2	349	335	7	40	262	5.8
Boone	22.6	109	158	0	3	145	6.1
Carroll	17.3	5	108	1	17	90	9.6
Crawford	23.4	152	268	1	7	223	8
Franklin	27.8	43	99	0	6	86	8.2
Johnson	22.5	85	105	5	12	82	4.5
Logan	27.7	78	81	0	3	69	11.3
Madison	18.1	4	162	13	4	126	5.9
Newton	18.6	16	18	0	0	16	5.4
Sebastian	33.8	330	1093	86	83	697	4.5
Washington	21.7	444	467	23	47	313	6.7

- A8: Food Insecurity

Kids who eat Breakfast Regularly		
Centers for Disease Control and Prevention: 2017 Youth Risk Behavior Survey		
	Did not eat breakfast (during the 7 days before the survey)	Did not eat breakfast on all 7 days (during the 7 days before the survey)
US	14.1%	64.7%
Arkansas	24.3%	75.0%

○ A9: Child Injury

	Rarely or never wore a seat belt	Rode with a driver who had been drinking	Drove when they had been drinking alcohol	Texted or e-mailed while driving	Carried a weapon	Carried a weapon on school property	Carried a gun	Threatened or injured with a weapon on school property	Were in a physical fight	Were in a physical fight on school property
Source:	Centers for Disease Control and Prevention: 2017 Youth Risk Behavior Survey - Arkansas and United States Results									
US	5.9	16.5	5.5	39.2	15.7	3.8	4.8	6.0	23.6	8.5
Arkansas	17.5†	26.3	10.7	46.2	22.2	6.3	10.7	11.7	26.6	8.8

○ A10: Immunization

Source	Children with Age Appropriate Vaccinations UAMS and CDC analysis 2015	Arkansas Department of Health, Dr. Haytham Safi			
	Children with Age Appropriate Vaccinations (Rate) for 19-35 months of age (percent)	Total - Exemption rates per 1,000, public schools, K-12	Medical - Exemption rates per 1,000, public schools, K-12	Religious - Exemption rates per 1,000, public schools, K-12	Philosophical - Exemption rates per 1,000, public schools, K-12
Arkansas (state)	66.6%				
Benton	61.9%	20.4	0.3	4.4	15.6
Boone	69.4%	25	0.3	7.7	16.9
Carroll	57.9%	22.6	0.3	6.7	15.6
Crawford	66.4%	15.1	0.2	5.5	9.4
Franklin	69.8%	3.4	0	0.6	2.8
Johnson	72.4%	5.9	0.2	3.3	2.4
Logan	71.6%	3.5	0	1.3	2.2
Madison	48%	23.5	0.4	3.1	19.9
Newton	75.6%	14.1	0	2.5	11.6
Sebastian	70.3%	10.2	0.4	3.1	6.7
Washington	40.7%	16	0.1	3.5	12.5

- A11: Oral Health

<b>Percent of Children with and Without Sealants by Insurance Type</b>				
Source: AR Smiles- Arkansas Oral Health Screening 2016				
	Overall	Medicaid	ArKids	Neither Medicaid nor ArKids
Sealants Present	43.9	32.3	46	43.3
No Sealants	56.1	67.7	54	56.7

<b>Percent of Children who Experienced Dental Decay by Water Source</b>			
Source: AR Smiles- Arkansas Oral Health Screening 2016			
	City/County water	Well Water	Bottled Water
Dental Decay Experience	62.3	65.7	70.5
No Dental Decay Experience	37.7	34.3	29.5

- Appendix B: Phone Survey
  - B1: Survey Questions and Results

**Q1: When it comes to children's health and well-being, what do you consider to be the number one problem being faced by your community today?** *(number, percent)*

1. Affordable health insurance 39 10%
2. Lack of healthcare services 35 9%
3. Obesity/Lack of exercise 31 8%
4. Poor Nutrition 29 7%
5. Access to quality healthcare 27 7%
6. Mental health issues (incl. bullying) 22 6%
7. Vaccination issues 22 6%
8. Contagions/Cold/Flu 20 5%
9. Drugs 20 5%
10. More focus on specific health issue 19 5%
11. Poor parenting 13 3%
12. Better schools/school programs 10 3%
13. Social Media/Internet/Pop culture 13 3%
14. Food insecurity 9 2%
15. Poverty/Finances 9 2%
16. Violence/Guns 4 1%
17. Lack of regular health visits 5 1%

**Q2: Next, for each of the following, please tell me if you think it is a serious problem, a moderate problem, a minor problem, or not at all a problem in your community. How about . . .**

**The number of teen pregnancies?** *(Arkansas total%, Northwest Arkansas %)*

Serious problem 27% 19%  
 Moderate problem 34% 33%  
 Minor problem 31% 35%  
 Not at all a problem 4% 5%  
 Don't Know/Refused 4% 7%

**Q3: The number of children and adolescents who are overweight?** *(Arkansas total%, Northwest Arkansas %)*

Serious problem 37% 35%  
 Moderate problem 44% 50%  
 Minor problem 17% 13%  
 Not at all a problem 2% 2%  
 Don't Know/Refused 0% 1%

**Q4: The number of parents who have poor or inadequate parenting skills and support?**

*(Arkansas total%, Northwest Arkansas %)*

Serious problem 37% 37%  
 Moderate problem 40% 39%  
 Minor problem 19% 19%  
 Not at all a problem 3% 3%  
 Don't Know/Refused 1% 2%

**Q5: The number of children and adolescents who use E--Cigarettes, Juuls, and other vaping products?** *(Arkansas total%, Northwest Arkansas %)*

Serious problem 34% 36%  
 Moderate problem 33% 35%  
 Minor problem 21% 18%  
 Not at all a problem 7% 5%  
 Don't Know/Refused 4% 6%

**Q6: The number of infants and children who are harmed by injuries?** *(Arkansas total%, Northwest Arkansas %)*

Serious problem 14% 14%  
 Moderate problem 34% 34%  
 Minor problem 40% 39%  
 Not at all a problem 8% 6%  
 Don't Know/Refused 4% 7%

**Q7: The number of children who have dental problems?** *(Arkansas total%, Northwest Arkansas %)*

Serious problem 24% 24%  
 Moderate problem 41% 43%  
 Minor problem 27% 25%  
 Not at all a problem 4% 4%  
 Don't Know/Refused 4% 4%

**Q8: The number of children who have mental health issues such as anxiety, depression, or suicidal thoughts?** *(Arkansas total%, Northwest Arkansas %)*

Serious problem 37% 37%  
 Moderate problem 37% 43%  
 Minor problem 22% 16%  
 Not at all a problem 3% 3%  
 Don't Know/Refused 1% 1%



**Q9: The number of children experiencing the negative effects of poverty?** (Arkansas total%, Northwest Arkansas %)

Serious problem 44% 38%  
Moderate problem 36% 40%  
Minor problem 15% 19%  
Not at all a problem 4% 3%  
Don't Know/Refused 0% 1%

**Q10: The number of children who are often hungry?** (Arkansas total%, Northwest Arkansas %)

Serious problem 35% 34%  
Moderate problem 39% 41%  
Minor problem 19% 20%  
Not at all a problem 5% 3%  
Don't Know/Refused 2% 2%

**Q11: The number of children who are not vaccinated?** (Arkansas total%, Northwest Arkansas %)

Serious problem 19% 18%  
Moderate problem 27% 28%  
Minor problem 33% 38%  
Not at all a problem 13% 8%  
Don't Know/Refused 7% 7%

**Q12: The number of children who are not receiving regular health checkups?** (Arkansas total%, Northwest Arkansas %)

Serious problem 26% 30%  
Moderate problem 42% 41%  
Minor problem 21% 20%  
Not at all a problem 7% 5%  
Don't Know/Refused 5% 4%

**Q13: Now, thinking about the health care provider who most often cares for your child/children when he/she/they need a checkup, a prescription, or medical care for an illness . . . How would you rate the quality of healthcare your child/children receive(s)?** (Arkansas total%, Northwest Arkansas %)

Excellent 70% 66%  
Good 22% 27%  
Fair 8% 7%  
Poor 0% 1%

**Q14: Do you have paid time off from your job so that you can take your child/children to a medical office to receive care, treatment or a health checkup?** (Arkansas total%, Northwest Arkansas %)

Yes 64% 63%  
No 25% 25%  
Not employed 9% 8%  
Other 2% 3%  
Don't Know/Refused 0% 1%

**Q15: Overall, how would you rate the nutritional quality and healthfulness of food served in your child's/oldest child's school cafeteria?** (Arkansas total%, Northwest Arkansas %)

Excellent 11% 13%  
Good 40% 43%  
Fair 31% 30%  
Poor 18% 14%  
Don't know/Refused 1% 1%

**Q16: Overall, how would you rate the nutritional quality and healthfulness of food served in your child's pre--school or daycare?** (Arkansas total%, Northwest Arkansas %)

Excellent 24% 29%  
Good 47% 46%  
Fair 24% 16%  
Poor 6% 8%  
Don't Know 0% 1%

**Q17: Some states, including Arkansas, require pre--schools and daycares to follow basic standards for nutrition and quality of their meals. Other states have increased standards for nutrition and quality of their meals. If Arkansas were to develop regulations to increase the standards for nutrition and quality of meals served in pre--schools and daycares, would you strongly support, somewhat support, or not at all support these new regulations?** (Arkansas total%, Northwest Arkansas %)

Not at all support 8% 3%  
Somewhat support 26% 32%  
Strongly support 65% 61%  
No opinion/Refused 1% 4%

**Q18: Next, I have a few questions about your interest in receiving parental services if they were offered to you.**

**What would be your level of interest in attending a class that would teach you how to shop for and prepare affordable, healthy family meals?** (Arkansas total%, Northwest Arkansas %)

Very interested 11% 12%  
Somewhat interested 19% 21%  
A little interested 21% 20%  
Not at all interested 48% 47%  
Not Applicable 0% 1%

**Q19: What would be your level of interest in attending a class that would help you manage behavioral, developmental, or emotional problems with your child/children?**

(Arkansas total%, Northwest Arkansas %)  
Very interested 25% 25%  
Somewhat interested 27% 26%  
A little interested 15% 18%  
Not at all interested 33% 31%  
Not Applicable 0% 1%

**Q20: What would be your level of interest being a part of a home visiting program for parents of newborns and young children that would help you keep your child safe, healthy, and learning?** (Arkansas total%, Northwest Arkansas %)

Very interested 12% 13%  
Somewhat interested 15% 14%  
A little interested 12% 14%  
Not at all interested 60% 57%  
Not applicable 1% 2%  
Don't Know/Refused 0% 1%

**Q21: What would be your level of interest in receiving parent--child therapy services that would help your family overcome behavioral and relationship challenges?** (Arkansas total%, Northwest Arkansas %)

Very interested 25% 27%  
Somewhat interested 23% 22%  
A little interested 13% 16%  
Not at all interested 37% 35%  
Not applicable 1% 0%  
Don't Know/Refused 1% 0%

**Q22: The next few questions are about a variety of topics related to your child's/children's health.**

**Has your child/Have any of your children ever missed school due to a toothache?** (Arkansas total%, Northwest Arkansas %)

Yes 7% 6%  
No 92% 93%  
Not applicable/Other 1% 1%  
Don't Know/Refused 0% 1%

**Q23: Overall, how hesitant about childhood vaccinations would you consider yourself to be?** (Arkansas total%, Northwest Arkansas %)

Not at all hesitant 69% 69%  
Not that hesitant 12% 13%  
Somewhat hesitant 14% 13%  
Very hesitant 5% 6%

**Q24: GoNoodle is a program used by schools that provides movement breaks in the classroom for kids to get them up and moving. Does your child/Do any of your children take part in a GoNoodle program at their school to increase their**

**physical activity?** (Arkansas total%, Northwest Arkansas %)

Yes 20% 25%  
No 64% 61%  
Don't Know 14% 10%  
Not Applicable 2% 4%

**Q25: The next question is about firearms. We are asking this question in a health survey in the interest of preventing firearm--related injuries. By firearms we mean pistols, shotguns, and rifles; but not BB guns, starter pistols, or airsoft. Think about guns kept in your home, garage, shed or vehicle.**

**How many of your firearms are stored securely? By securely we mean unloaded, with ammunition stored separately from the firearm, or firearms stored in a locked gun safe or with a trigger lock.** (Arkansas total%, Northwest Arkansas %)

All are stored securely 58% 58%  
Most are stored securely 8% 5%  
Some are stored securely 2% 3%  
None are stored securely 2% 4%  
No firearms in the home 28% 27%  
Don't Know/Refused 3% 4%

**Q26: Thinking about both nighttime sleeping and naps, where does your child under the age of one usually sleep?** (Arkansas total%, Northwest Arkansas %)

Car seat/swing/bouncy seat 0% 5%  
Couch/sofa/chair 0% 5%  
Co-sleeper in adult bed 6% 10%  
Adult bed 0% 14%  
Infant crib 39% 38%  
Cradle/Bassinette 56% 29%

**Q27: These questions are about health services and education that schools might offer to students. Please tell me, in your opinion . . . How important is it that schools provide basic health care services like wellness exams, diagnosis, and treatment services to students?** (Arkansas total%, Northwest Arkansas %)

Very important 58% 55%  
Moderately important 25% 28%  
Slightly important 9% 9%  
Not at all important 7% 7%  
Don't Know/Refused 1% 1%

**Q28: How important is it that schools provide mental health services to students?** (Arkansas total%, Northwest Arkansas %)

Very important 82% 83%  
Moderately important 12% 11%  
Slightly important 2% 3%  
Not at all important 2% 2%  
Don't Know/Refused 1% 1%

**Q29: How important is it that schools provide factual sex education to teenage students?** (Arkansas total%, Northwest Arkansas %)

Very important 76% 74%  
Moderately important 16% 15%  
Slightly important 5% 5%  
Not at all important 3% 4%  
Don't Know/Refused 1% 1%

**Q30: How important is it that schools provide education about healthy relationships to teenage students?** (Arkansas total%, Northwest Arkansas %)

Very important 77% 75%

Moderately important 14% 17%  
Slightly important 5% 3%  
Not at all important 4% 4%  
Don't Know/Refused 1% 2%

**Q31: How important is it that schools provide education about birth control to teenage students?** (Arkansas total%, Northwest Arkansas %)

Very important 72% 73%  
Moderately important 17% 15%  
Slightly important 6% 6%  
Not at all important 4% 5%  
Don't Know/Refused 1% 1%

**Q32: How important is it that schools provide education about sexually--transmitted infections and HIV/AIDS to teenage students?** (Arkansas total%, Northwest Arkansas %)

Very important 85% 83%  
Moderately important 10% 11%  
Slightly important 3% 2%  
Not at all important 1% 2%  
Don't Know/Refused 2% 1%

**Q33: Telemedicine, or sometimes called Telehealth, is a way for health care visits to be provided using live video on a computer or phone. If Telemedicine services were available and covered by your insurance, how interested would you be in your child receiving an online doctor visit?** (Arkansas total%, Northwest Arkansas %)

Very interested 25% 28%  
Somewhat interested 30% 34%  
Only a little interested 17% 16%  
Not at all interested 26% 20%  
Don't Know/Refused 2% 1%

**Q34: Poverty is associated with many poor health outcomes for children. Would you support or oppose a tax break for working families to make ends meet?** (Arkansas total%, Northwest Arkansas %)

Strongly support 64% 67%  
Somewhat support 22% 23%  
Somewhat oppose 5% 3%  
Strongly oppose 2% 2%  
Don't Know/Refused 7% 5%

○ B2: Phone Survey Demographics

<b>Phone Survey Demographics:</b>	
<b>Age:</b>	<b>Parents education level:</b>
20-29 years 6%	Less than 8th grade
30-39 years 39%	Grade 9 through 11
40-49 years 38%	Grade 12 or GED
50-59 years 11%	College 1-3 years
60+ years 2%	College 4 years or more
Don't Know/Refused 4%	Don't Know/Refused 2%
<b>Hispanic or Latino ethnicity:</b>	<b>Parents Gender:</b>
Yes 8%	Male 33%
No 90%	Female 67%
Don't Know/Refused 2%	Don't Know/Refused 5%
<b>Race:</b>	<b>Income:</b>
White 84%	Less than \$25K 16%
Black/African-American 14%	Less than \$50K 15%
American Indian or Alaska Native 1%	Less than \$75K 15%
Asian 3%	Less than \$100K 17%
Pacific Islander 1%	More than \$100K 30%
Don't Know/Refused 3%	Don't Know/Refused 5%

- Appendix C: Key Informant Interviews
  - Appendix C1: Key Informant Interview questions

## Community Health Needs Assessment – 2018

### Key Informant Interview Questionnaire

- Please tell me about some positive aspects, assets, or resources in the community (ies) you serve that relate to children’s health.
- How are these different in Northwest Arkansas compared to the rest of the state? (if applicable)
- What trends or upcoming changes do you see in your area of specialty?
- What about recent or upcoming challenges?
- Consider the root causes driving child health in your area of expertise:
- How does the physical environment affect child health?
- Do social and economic factors play an important role in child health? If so, how?
- Is access to care a concern for the community you live/work in? (Probe: Are there barriers such as transportation, cost, distance, language or hours of operation?)
- Does your community have the knowledge or resources to live healthy lives?
- Thinking about the root causes we just discussed, are they different for children with diverse backgrounds or for children who live in various parts of Arkansas?
- PROBE: Do you think anything can be done about these different experiences?
- What are the top three things that (Arkansas Children’s Hospital/Arkansas Children’s Northwest) can do to help keep kids in your community healthy?

- Appendix D: Focus Groups
  - D1: Focus Group Guide

### **Welcome & Introduction**

**20 minutes**

Welcome and thank you for volunteering to take part in this discussion. We realize you are busy and we appreciate your time. We have asked you to participate because your point of view is important and your feedback will help us understand the health status of children in your area.

My name is \_\_\_\_\_. I work in the Child Advocacy and Public Health Division of Arkansas Children's. I will be leading our discussion today.

My colleague is \_\_\_\_\_ and he/she will be taking notes and helping to record the session.

### **Overview of Group Discussion**

Today's discussion is part of a study to learn about the health needs of Arkansas children. We will ask you questions about resources and challenges to child health in your area. The discussion will be recorded and will last for about 90 minutes.

We are hosting discussions throughout the state to get more in-depth information from community members. We will learn from your experiences (positive and negative) and opinions.

Your feedback will allow us to improve our understanding of how to assure a healthy future of children in Arkansas. We encourage you to share and participate, there are not right or wrong answers.

What questions do you have about the group discussion?

### **Community Health Needs Assessment**

As a non-profit hospital, Arkansas Children's is required by the Internal Revenue Service (IRS) to conduct periodic assessments of the health needs of the communities we serve. This makes sure our community programs are meeting kids' needs. These studies are known as Community Health Needs Assessments, there is one for Arkansas Children's Hospital, and a separate one for Arkansas Children's Northwest. The information gathered today will be part of the next Community Health Needs Assessment, which will be used by the hospitals and our partners to help determine the best ways to improve child health in your area.

You are being invited to take part in this study because your experiences as parent, guardian, educator, service provider of a child in Arkansas, or stakeholder with knowledge of child health will contribute to our understanding and knowledge of their health needs.

What questions do you have about the Community Health Needs Assessment?

### Ground Rules for Group Discussion

	Ground Rules	Annotation
1.	There are no right or wrong answers.	<i>We want your honest and candid thoughts about child health and child health issues. Feel free to say what is on your mind.</i>
2.	Respect others opinions.	<i>Everyone has a right to their opinion. Opinions are personal. We want to give everyone an opportunity to express their thoughts, feelings, and opinions even though they may be different from others.</i>
3.	Give everyone an opportunity to express their opinion.	<i>Please do not cut people off or talk at the same time that another person is speaking.</i>
4.	There are no stupid questions.	<i>If you don't understand a question that I ask, or a comment that someone else makes, feel free to ask for more information. Others may have the same question, but may be afraid to ask. Also, if you don't feel comfortable answering a question you do not have to answer it.</i>
5.	Vegas 'Rule of Confidentiality'	<i>You've heard the expression, "What happens in Vegas, stays in Vegas." We ask that you not share any comments you hear in the group discussion with your friends, family, or others outside of this group discussion. We want this to be a safe space for people to talk or express themselves</i>
	What questions do you have about ground rules?	

### Cell Phones

Please turn off your phones or place them on vibrate.

### Gift Cards

After our discussion today we would like to offer you a \$20 gift card as a token of our appreciation for your time and participation. You will be asked to fill out a form to receive the gift card. If you prefer not to fill out the form, you can choose to receive a gift bag instead.

### Consent form

To participate in the group discussion, you will need to formally provide your consent or agreement to participate.

Let's take a moment to review the consent form together.

What questions do you have about providing consent?

Please sign the consent form and my colleague will pick it up from you. You may keep the unsigned copy for your records. Thank you.

### Demographics form

We would also like to take some time to gather information about each of you. Please take a moment to answer the questions on this form and return them to me when you are finished.

What questions do you have about this form?

### **Recording and Note Taking**

We will be recording our session. The recordings will help to accurately capture important information shared in our group discussion that may be included in the report.

I want to assure you that you will not be identified by name in the report or any other written information produced for the Community Health Needs Assessment.

We will keep the group discussion recordings secured on a secure server via a password protected computer.

We will keep group discussion notes in a locked file cabinet.

After completing the report, the recordings and notes will be destroyed.

We are going to start recording now. If you don't agree with this, you are free to leave the session and this concludes your participation. (NOTE: if yes, switch on the recorder)

### **Question 1**

**10 minutes**

Imagine that 20 years from now kids in your community were rated as the healthiest in the nation. What would that look like, and how would you know that kids were healthier here than anywhere else?

Before answering out loud, take a few moments to write down, or just think about, one or two possible reasons. (NOTE: wait a few minutes then ask for people to share, use probes if they seem confused)

PROBE: What might have happened in those 20 years that would have improved child health?

PROBE: Why do you think that current child health outcomes are better in some parts of Arkansas than in others? Do some kids have more resources or opportunities where they live? Do some communities have more parks for kids to play outside? Is it easier to access medical care in certain parts of Arkansas?

PROBE: What kinds of things are keeping kids in your community from being the healthiest in the nation?

### **Question 2**

**5 minutes**

We talked about a lot of things that influence child health. To help us think through them all, we will be using this poster which splits up the factors that influence health into four major sections. The different



topics are Physical Environment, Social and Economic Factors, Clinical Care, and Healthy behaviors. Can you think of where any of the topics we already mentioned would fit on this poster? (NOTE: Facilitator puts sticky notes with the different suggestions on the corresponding section of the poster. Use probe questions for parts of the poster that are empty.)

PROBE: Things that go in the Physical environment section might include: Air and water quality, housing and transit/transportation.

PROBE: Things that go in the Social and Economic Factors section might include: how the people in your community relate to each other (Social); the number of people in your community who are able to afford quality meals and community safety. (Economic)

PROBE: Things that go in the Clinical Care section might include: Access to care, quality of care, and health insurance coverage.

PROBE: Things that go in the Healthy Behaviors section might be: tobacco use, if it is easy to get plenty of fruits and vegetables, if it is easy to exercise frequently?

**Break:** **5 minutes**

Now let's take a small break. We posted some information around the room about your community.

Please take a moment to walk around, stretch your legs and look at some facts specific to your community. (NOTE: The 10 data sheets around the room correspond to the 10 Natural Wonders agenda topics. The facilitator should probe for these 10 topics in the following sections when possible. They are Access to Care, Childhood Obesity, Mental Health and Substance Use, Reproductive Health, Social Issues, Parent and Caregiving Support, Oral Health, Food Insecurity, Child Injury, and Immunization)

**Question 3 (Physical Environment)** **10 minutes**

Let's dive into the first section, "physical environment." Think about the place you live, including everything from air quality, access to grocery stores, living in crowded conditions, or traffic conditions, to the availability of safe areas or parks. How does the environment where you live affect children's health? (NOTE: Facilitator puts sticky notes or writes the different suggestions on the poster)

PROBE: How do you think physical environment in your area relates to any of the data points you saw over the break?

PROBE: Is there anything in the environment that prevents children from leading healthy lives?

PROBE: Does your environment help or hinder access to healthcare? Is travel time to health care centers a barrier?

PROBE: Is it easy to afford and access healthy foods in your community?

**Question 4 (Social and Economic Factors).**

**10 minutes**

Now think about social and economic factors in your community, from education and lack of steady, well-paying jobs, to income and safety. How, if at all, do these issues impact kid's health in your community? (NOTE: Facilitator puts sticky notes or writes the different suggestions on the poster)

PROBE: How do you think social or economic factors in your area influence the data points you saw over the break?

PROBE: How do you think these factors vary across different parts of your community, or across different parts of the state? What could be driving those differences?

PROBE: Do you think anything can be done about these differences?

PROBE: Do you think families in your community avoid utilizing or asking for resources for fear of legal repercussions or harassment?

PROBE: Does racism/discrimination affect the health of children in our community? If so, how?

**Question 5 (Clinical Care)**

**10 minutes**

When children in your community need checkups or are sick or injured, how easy or hard is it to access health care for them? (NOTE: Facilitator puts sticky notes or writes the different suggestions on the poster)

PROBE: Do you think clinical care options in your community influence any of the information posted on the wall you saw over the break?

PROBE: How has cost factored into your decision to enroll or not enroll in health insurance coverage for you and your family? What about your decision to get care or medications?

PROBE: Is it easy for you to access resources help keep your children healthy?

PROBE: What is your community's experience with school based health centers?

PROBE: Are there enough good doctors and health care providers in your community?

PROBE: Do people have somewhere to go if they are worried about a child's mental health?

PROBE: Do you have access to health care that is in your language and that understands your culture? If not, does that prevent you from seeking out care?

PROBE: Are people in your community able to access mental health and addiction treatments?

**Question 6 (Healthy Behaviors)**

**10 minutes**

Now think about what people in your family and in your community do in their day to day lives. How does your community make it easy, or hard, for them to do the things they need to do to stay healthy?

(NOTE: Facilitator puts sticky notes or writes the different suggestions on the poster)

PROBE: Does your community have the knowledge or resources to have a healthy diet, and get regular exercise?

PROBE: Do people in your community know where to go for help with drug use or losing weight?

PROBE: Is there a better way that your community could support parents who are struggling?

PROBE: Does not having enough time prevent people in your community from doing activities that lead to a healthy life?

**Question 7 (Big Picture)**

**10 minutes**

If you suddenly inherited a million dollars from a long lost relative, and the only condition was you had to spend the money on improving child health in your community, what one thing would you spend it on?

PROBE: Why would you choose this ONE change to improve child health in your community?

PROBE: How will this change improve child health?

**Question 8 (Wrap up)**

**10 minutes**

Is there anything that you would like to add before closing? Is there any issue that we have not addressed that you believe is important to child health in the state?

**Concluding Remarks**

This concludes your participation in this discussion. Again, I would like to thank you for your participation, as your feedback will give us a better understanding of the issues that affect children's health in the state.

The note-taker will hand out a form where you can give feedback on this discussion.

After you have filled out the form we will hand out the gift cards as a token appreciation for your time and participation.

Thank you!

- D2: Focus Group locations and participant counts

Focus Group Locations and Types			
Location	Type	Language	Participant Count
Booneville, Logan County	Consumer	English	7
Van Buren, Crawford County	Provider	English	11
Rogers, Benton County	Consumer	Spanish	15
Washington County -Springdale	Consumer	Marshallese	18
Washington County -Springdale	Provider	English	13
Washington County- Springdale	Consumer	English	12

- D3: Focus Group Demographic Data (Northwest Arkansas)

### Focus Group Parents Demographics NWA

Characteristics	All (N=52)
<b>Age</b>	
18-35	21 (40%)
36-49	22 (42%)
50-64	7 (13%)
65+	
<b>Gender</b>	
Male	3 (6%)
Female	46 (88%)
<b>Race</b>	
African American	
Asian	
Native American/Alaskan native	
Native Hawaiian/Pacific Islander	17 (33%)
White	23 (44%)
Other	5 (10%)
<b>Ethnicity</b>	
Hispanic	22 (42%)
<b>Years of state residency</b>	
<1	1 (2%)
1 to 5	9 (17%)
6 to 10	3 (6%)
10+	38 (73%)
<b>Marital Status</b>	
Single	19 (37%)
Married	28 (54%)
Divorced	2 (4%)
<b>Highest Level of Education</b>	
<High school	14 (27%)
High school/GED	12 (23%)
Some college/Associates/Technical degree	17 (33%)
Bachelor's degree +	10 (19%)
<b>Annual household income</b>	
<\$19,999	19 (37%)
\$20,000 - \$39,999	13 (25%)

\$40,000-\$59,999	9 (17%)
\$60,000 +	10 (19%)
<b>Born in USA</b>	
Yes	19 (37%)
<b>Parents born in USA</b>	
Yes	13 (25%)

\*Percentages do not add up to 100 in instances where not all participants answered the question.

### Focus Group Providers Demographics NWA

Characteristics	Providers (N= 24)
<b>Age</b>	
18-35	2 (8%)
36-49	10 (42%)
50-64	10 (42%)
65+	2 (8%)
<b>Gender</b>	
Male	3 (13%)
Female	21 (88%)
<b>Race</b>	
African American	
Asian	
Native American/Alaskan native	
Native Hawaiian/Pacific Islander	
White	24 (10%)
Asian	
2 or more races	
Other	
<b>Ethnicity</b>	
Hispanic	1 (4%)
<b>Areas of specialty</b>	
Access to quality care	16 (67%)
Parenting and caregiving support	18 (75%)
Childhood obesity	13 (54%)
Oral health	12 (50%)
Mental health and substance abuse	18 (75%)
Food insecurity	15 (63%)

Reproductive health	10 (42%)
Child injury	12 (50%)
Social issues	17 (71%)
Immunizations	13 (54%)

\*Percentages do not add up to 100 in instances where not all participants answered the question.

\*\*Percentages exceed 100 in instances where participants could choose more than 1 answer.

<b>Northwest Arkansas Feedback form: Frequency of mention of top health concerns</b>	
Child healthcare	26%
Mental health and substance use	15%
Affordable access to healthcare and resources	15%
Increase access to insurance	12%
Socio-economic	12%
Nutrition	5%
More available doctors and health centers	4%
Parent resources	4%
Decrease system communication barriers	2%
Health education	1%
Early childhood intervention	1%
School based health centers	1%
Transportation	1%