

# Panhandle Community Well-Being Indicators

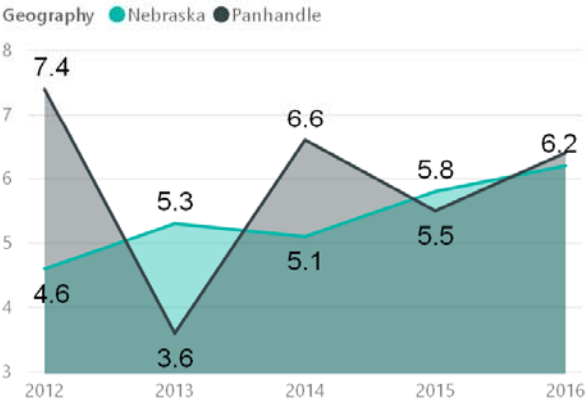
Prepared for the Panhandle Partnership  
June 8, 2018



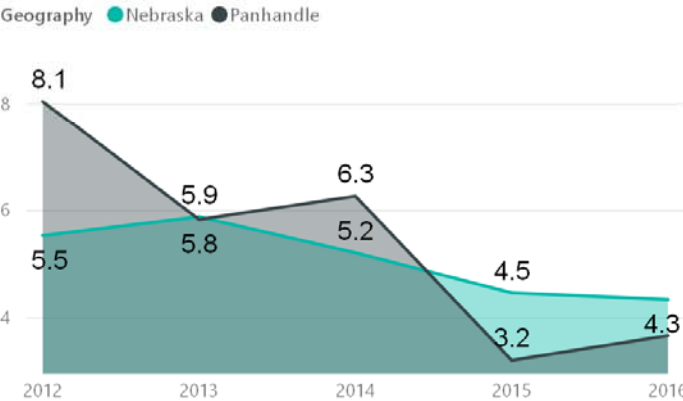
Questions? Contact Catherine Brown at [cbrown@nebraskachildren.org](mailto:cbrown@nebraskachildren.org)

# Selected Community Well-Being Indicators for the Panhandle and Nebraska

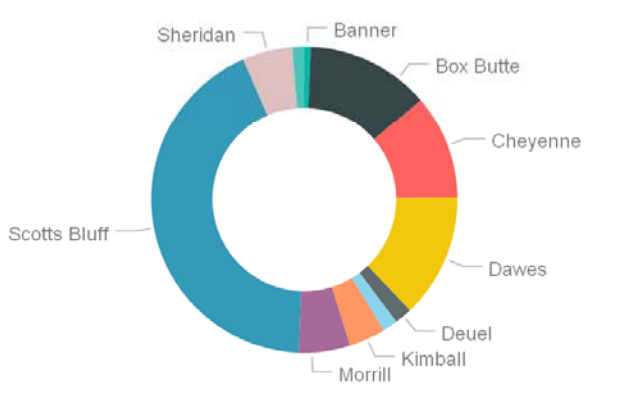
Rate of Infant Deaths by Year



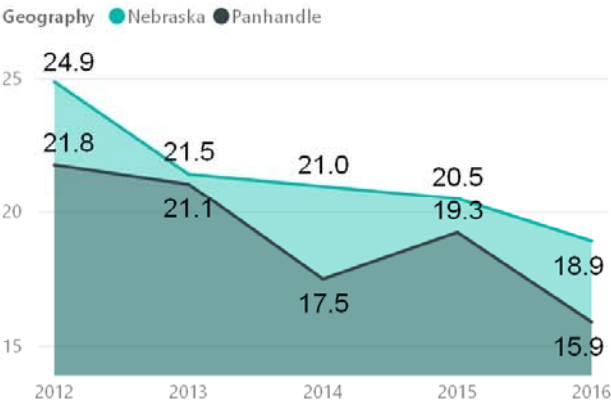
Child Abuse/Neglect Rates per 1,000 Population



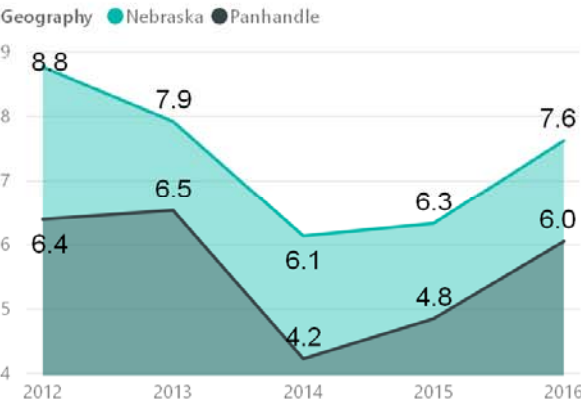
Total Number of Persons Age 0 to 24



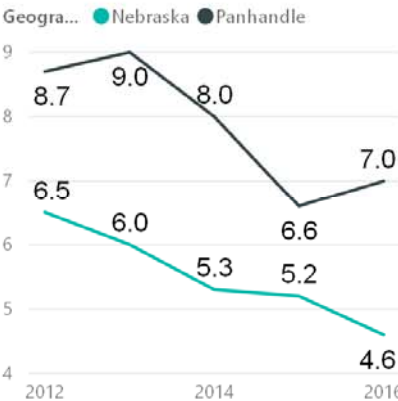
Juvenile Arrest Rate per 1,000 Population



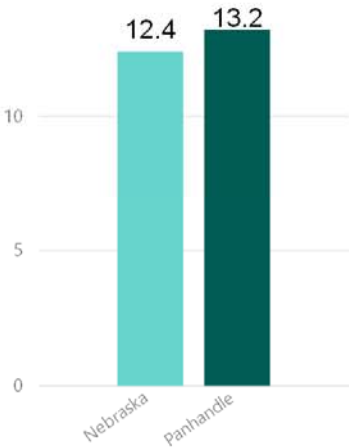
Foster Care Rate per 1,000 Population



Births to Teens (%)



Below Poverty Level (%)



## Community Well-Being Indicators for Panhandle Counties, 2016

Geography	Infant Deaths (#)	Rate of Infant Deaths	Births to Teens (#)	Births to Teens (%)	Child Abuse/Neglect Substantiated Reports	Child Abuse/Neglect Rates	Juvenile Arrests	Juvenile Arrest Rate per 1,000 Population	Number in Foster Care	Foster Care Rate	High School Graduation Rate (%)	Percent Proficient Reading at Third Grade	Language other than English Spoken at Home among Population Aged 5+ (%)	Children in Single Parent Households (%)	Population Below Poverty Level (%)
Banner	0		0				1		2			100.00		3.50	28.11
Box Butte	1		10	6.50		5	20	6.73	7	2.36	88.81	81.15		3.20	23.60
Cheyenne	2		8	5.50		6	16	6.38	11	4.39	96.80	84.33		4.90	26.93
Dawes	0		0			5	38	19.33	8	4.07	51.76	85.29		5.10	20.16
Deuel	0		0			0			2		91.67	77.14		4.60	23.65
Garden	0		0			3			2		100.00	92.86		5.00	10.40
Kimball	0					2	6	7.00	2		97.50	75.76		7.10	36.13
Morrill	0		7	14.00		3	24	19.60	3		93.85	77.36		9.00	41.19
Scotts Bluff	4		48	9.90		53	234	24.58	89	9.35	90.26	78.41		12.40	44.64
Sheridan	0					2	3		4		93.62	86.44		3.30	33.91
Sioux	0		0			0	0		0			66.67		0.20	17.31
<b>Total</b>	<b>7</b>		<b>73</b>			<b>79</b>	<b>342</b>		<b>130</b>						<b>10.99</b>

## Community Well-Being Indicators for Nebraska and Panhandle Counties

Geography	Infant Deaths (#)	Rate of Infant Deaths	Births to Teens (#)	Births to Teens (%)	Child Abuse/Neglect Substantiated Reports	Child Abuse/Neglect Rates	Juvenile Arrests	Juvenile Arrest Rate per 1,000 Population	Number in Foster Care	Foster Care Rate	High School Graduation Rate (%)	Percent Proficient Reading at Third Grade	Language other than English Spoken at Home among Population Aged 5+ (%)	Children in Single Parent Households (%)
Panhandle	7	6.40	1	7.00	79	3.68	342	15.92	130	6.05				
Nebraska	166	6.20	1227	4.60	2174	4.35	9463	18.93	3812	7.63	89.30	84.00		11.00
<b>Total</b>	<b>173</b>		<b>1228</b>		<b>2253</b>		<b>9805</b>		<b>3942</b>					

## Panhandle Counties with One or More Community Well-Being Indicators Worse Than the Panhandle Average, 2016

1. Box Butte (Percent Below Poverty)
2. Dawes (Juvenile Arrest Rate, Percent Below Poverty)
3. Morrill (Teen Births, Juvenile Arrest Rate)
4. Scotts Bluff (Teen Births, Child Abuse/Neglect Rates, Juvenile Arrest Rates, Foster Care Rate, Percent Below Poverty)
5. Sheridan (Percent Below Poverty)

## Definitions and Source Information for Data Provided

### InfantDeaths

Infant death are the deaths of people under one year of age, and the infant death rate is the number of infant deaths per 1,000 live births. Crude rates are not calculated for counties with less than five events.

Source for 2013 data: <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Statistics%20Report%202013.pdf>

Source for 2014 data: Nebraska 2014 Vital Statistics Report, Table 59: Infant and neonatal deaths by place of residence, 2014 and 2010-2014

<http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Statistics%20Report%202014.pdf>

Source for 2015 data: Nebraska 2015 Vital Statistics Report, Table 59: Infant and neonatal deaths by place of residence, 2015 and 2011-2015 <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Statistics%20Report%202015.pdf>

Source for 2016 data: Nebraska 2016 Vital Statistics Report, Table 59: Infant and neonatal deaths by place of residence, 2016 and 2012-2016. <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Stats%20Report%202016.pdf>

### Teen Births

Teen births are the number of births to women aged 19 and under, and the percent of teen births is the number of teen births divided by total births for each county.

Source for 2013 data: Nebraska 2013 Vital Statistics Report, Table 7: Teen Births by Place of Residence, 2013 and 2009-2013. <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Statistics%20Report%202013.pdf>

Source for 2014 data: Nebraska 2014 Vital Statistics Report, TABLE 7: Teen Births by Place of Residence, 2014 and 2010-2014. <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Statistics%20Report%202014.pdf>

Source for 2015 data: Nebraska 2015 Vital Statistics Report, TABLE 7: Teen Births by Place of Residence, 2015 and 2011-2015. <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Statistics%20Report%202015.pdf>

Source for 2016 data: Source: Nebraska 2015 Vital Statistics Report, Table 7: Teen Births by Place of Residence, 2016 and 2012-2016. <http://dhhs.ne.gov/publichealth/Vital%20Statistics%20Reports/Vital%20Stats%20Report%202016.pdf>

### Juvenile Arrests

Juvenile arrests are the number of arrests of individuals under 18. An arrest is counted each time a person is taken into custody or issued a citation or summons. In the case of a juvenile (defined as a person under the age of 18) an arrest is counted when they are merely warned and released without any further action. For 2013, the sum of arrests from each counties does not equal the total for the state; the reason for this discrepancy is that two arrests occurred on Nebraska state property rather than a county. The juvenile arrest rate is the number of such arrests per 1,000 individuals age 0 to 18. Crude rates are not calculated for counties with less than five events.

Source for 2013 data: For arrest data, Nebraska Commission on Law Enforcement and Criminal Justice, Adult/Juvenile Versus County, Year: 2013, Age: Juvenile (0-17), Retrieved from

[http://www.ncc.nebraska.gov/statistics/data\\_search/arrest/arrest\\_crosstab.phtml](http://www.ncc.nebraska.gov/statistics/data_search/arrest/arrest_crosstab.phtml). For population data, 2013 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

Source of 2014 data: For arrest data, Nebraska Crime Commission, Arrest Data Query, Year VS County for Juvenile (0-17 years). Retrieved from [http://www.nebraska.gov/crime\\_commission/arrest/arrest.cgi](http://www.nebraska.gov/crime_commission/arrest/arrest.cgi). For population data, 2014 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

Source of 2015 data: For arrest data, Nebraska Crime Commission, Arrest Data Query, Year VS County for Juvenile (0-17 years). Retrieved from [http://www.nebraska.gov/crime\\_commission/arrest/arrest.cgi](http://www.nebraska.gov/crime_commission/arrest/arrest.cgi). For population data, 2015 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

Source for 2016 data: Source for arrest data: Nebraska Crime Commission. (n.d.) Arrest data query, year vs county, year: 2016, age: juvenile (0-17 years). [Data file]. Source for population data: U.S. Census Bureau. (Annual). Vintage Population Estimates from the U.S. Census Bureau, 2016. Data compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

### Child Abuse and Neglect

Child abuse and neglect substantiated reports are a subset of the total number of reports of child maltreatment that were made in a given year. "Substantiated" means that a determination was made that the incident of maltreatment did occur. "Child maltreatment" is defined by the Nebraska Department of Health and Human Services as physical, emotional, or sexual harm done to a child from birth to age 17. This harm may occur either through abuse or neglect. The child abuse and neglect substantiated report rate is the number of such reports per 1,000 individuals age 0 to 18 in a given county. Crude rates are not calculated for counties with less than five events.

Source for 2013 data: Nebraska Department of Health and Human Services (2013) Child Abuse and Neglect: Annual Data, Calendar Year 2013, Table 1-7: 2013 CAN Reports by County, Retrieved from [http://dhhs.ne.gov/children\\_family\\_services/Documents/CAN2013ANNUALREPORT.pdf](http://dhhs.ne.gov/children_family_services/Documents/CAN2013ANNUALREPORT.pdf) For population data, 2013 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

Source for 2014 data: Nebraska Department of Health and Human Services (2014) Child Abuse and Neglect: Annual Data, Calendar Year 2014, Table 1-7: 2014 CAN Reports by County, Retrieved from [http://dhhs.ne.gov/children\\_family\\_services/Documents/2014CANReport.pdf](http://dhhs.ne.gov/children_family_services/Documents/2014CANReport.pdf) For population data, 2014 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

Source of 2015 data: Nebraska Department of Health and Human Services (2015) Child Abuse and Neglect: Annual Data, Calendar Year 2015, Table 1-7: 2015 CAN Reports by County, Retrieved from [http://dhhs.ne.gov/children\\_family\\_services/Documents/CAN2015ANNUALDATAAREPORT.pdf](http://dhhs.ne.gov/children_family_services/Documents/CAN2015ANNUALDATAAREPORT.pdf) For population data, 2015 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha. Note: Also available is data from Nebraska's Department of Health and Human Services, prepared by Voices for Children, that shows the number of children/victims (as opposed to reports)

Source for 2016 data: Source for 2016 child abuse and neglect data: Nebraska Department of Health and Human Services, Division of Children and Families. Child abuse and neglect (CAN) data report, 2016. Source for population data: U.S. Census Bureau. (Annual). Vintage Population Estimates from the U.S. Census Bureau, 2016. Data compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

### Foster Care

The number in foster care is how many children and youth were in out-of-home care as of a given date. The foster care rate is the number of children and youth in foster care per 1,000 individuals age 0 to 18 in a given county. Crude rates are not calculated for counties with less than five events.

Source for 2009 data: Foster Care count as of December 31, 2009, Foster Care Review Board. <http://datacenter.kidscount.org/data/tables/2067-children-in-foster-care?loc=29&loc2=2#detailed/2/any/false/867,133,38,35,18/any/4338>

Source for 2011 data: State Wards as of December 31, 2010, requested directly from the Nebraska Department of Health and Human Services - Children and Family Services.

Source for 2012 data: Number in Foster Care as of December 31, 2011, Nebraska Foster Care Review Board.

Source for 2013 data: Nebraska Foster Care Review Office (2013). The Nebraska Foster Care Review Office Annual Report, Children in Out-of-Home Care on Dec. 31, 2012, by County of Court Commitment and Misc. Outcome Indicators, retrieved from <http://www.fcro.nebraska.gov/pdf/FCRO-Reports/2013-FCRO-Annual-Report-issued-December-2013.pdf>

For population data, 2013 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.

Source for 2014 data: Nebraska Foster Care Review Office (2014). The Nebraska Foster Care Review Office Annual Report, Appendix B – County Data, retrieved from <http://www.fcro.nebraska.gov/pdf/FCRO-Reports/2014-FCRO-Annual-Report-December.pdf> For population data, 2014 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research

(CPAR) at the University of Nebraska at Omaha. Source for 2015 data: Nebraska Foster Care Review Office (2015). The Nebraska Foster Care Review Office Annual Report, Appendix B – County Data, retrieved from <http://www.fcro.nebraska.gov/pdf/FCRO-Reports/2015-Q4-FCRO-Annual-Report.pdf> For population data, 2015 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha. Note: Also available is data from Nebraska Department of Health and Human Services, prepared by Voices for Children, that shows the a total count (includes duplicates, however) of the number of children in out of home care over the course of calendar year 2015 (as opposed to a point in time count).

Source for 2016 data: Source for 2016 child abuse and neglect data: Nebraska Department of Health and Human Services, Division of Children and Families. Child abuse and neglect (CAN) data report, 2016. Source for population data: U.S. Census Bureau. (Annual). Vintage Population Estimates from the U.S. Census Bureau, 2016. Data compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha.



### High School Graduation

The high school graduation rate is the 4-year cohort graduation rate, by county.

Source for 2009 data: High School Graduation Rates, Nebraska Dept. of Education, 2008-2009 State of the Schools Report, NOTE: The source data are reported by school districts. We calculated the county-level rates by taking the weighted average of all school districts within a county. The weights are the graduated students count. <http://reportcard.education.ne.gov/Main/DataDownload.aspx>

Source for 2011 data: High School Graduation Rates, 2010-2011, Nebraska Dept. of Education, 2009-2010 State of the Schools Report, NOTE: The source data are reported by school districts. We calculated the county-level rates by taking the weighted average of all school districts within a county. The weights are the graduated students count. <http://reportcard.education.ne.gov/20102011/Main/Home.aspx>

Source for 2012 data: 6. High School Graduation Rates, Nebraska Dept. of Education, 4 Year Cohort Graduation Rate (Countywide - Public Districts) 2011-2012. Data provided by Nebraska Dept. of Education

Source for 2013 data: Nebraska Department of Education, 4 Year Cohort Graduation Rate (Countywide - Public Districts) 2012-2013. Data provided by Nebraska Department of Education.

Source for 2014 data: Nebraska Department of Education, 4 Year Cohort Graduation Rate (Countywide - Public Districts) 2013-2014. Data provided by Nebraska Department of Education.

Source for 2015 data: Nebraska Department of Education, 4 Year Cohort Graduation Rate (Countywide - Public Districts) 2014-2015. Data provided by Nebraska Department of Education and prepared by Voices for Children.

Source for 2016 data: Nebraska Department of Education, 4 Year Cohort Graduation Rate (Countywide - Public Districts) 2015-2016. Data provided by Nebraska Department of Education and prepared by Voices for Children.

### Percent of Language other than English spoken at home

The percent of language other than English spoken at home among population age 5 plus is an estimate of the number of individuals over five years of age who live in a household where the language spoken at home is one other than English.

Source for 2009 data: U.S. Census Bureau, 2009 QuickFacts, Language other than English spoken at home, percent ages 5+ years, 2005-2009. [quickfacts.census.gov/qfd/states/31000.html](http://quickfacts.census.gov/qfd/states/31000.html)

Source for 2011 data: 8. Non-English Primary Home Language, U.S. Census Bureau, 2011 QuickFacts, Language other than English spoken at home, percent ages 5+ years, 2007-2011. [quickfacts.census.gov/qfd/states/31000.html](http://quickfacts.census.gov/qfd/states/31000.html)

Source for 2012 data: Non-English Primary Home Language, U.S. Census Bureau American Fact Finder, Percent of People 5 Years and Over who Speak a Language other than English at Home, 2008-2012

Source for 2013 data: U.S. Census Bureau, 2009-2013 5-Year American Community Survey, Table S1601. <http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=blmkl>

Source of 2014 data: U.S. Census Bureau, 2010-2014 5-Year American Community Survey, Table S1601. [http://factfinder.census.gov/blmkl/table/1.0/en/ACS/14\\_5YR/S1601/0400000US310400000US310500](http://factfinder.census.gov/blmkl/table/1.0/en/ACS/14_5YR/S1601/0400000US310400000US310500)

Source of 2015 data: U.S. Census Bureau, 2011-2015 5-Year American Community Survey, Table S1601. Data prepared by Voices for Children.

Source for 2016 data: U.S. Census Bureau, 2012-2016 5-Year American Community Survey, Table S1601. Prepared by Voices for Children.

### Poverty

The percent population below poverty is an estimate of the number of individuals with reported incomes that place them below the poverty line.

Source for 2009 data: U.S. Census Bureau, QuickFacts, Persons below poverty level, percent, 2009 State and County. [quickfacts.census.gov/qfd/states/31000.html](http://quickfacts.census.gov/qfd/states/31000.html)

Source for 2011 data: Percent Population Below Poverty Level, U.S. Census Bureau, QuickFacts, Persons below poverty level, percent, 2011 State and County. [quickfacts.census.gov/qfd/states/31000.html](http://quickfacts.census.gov/qfd/states/31000.html)

Source for 2012 data: Percent Population Below Poverty Level, U.S. Census Bureau, American Fact Finder, Percent of People Below Poverty Level in the Past 12 Months, 2008-2012 State and County.

<http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=blmkl>

Source for 2013 data: U.S. Census Bureau, 2009-2013 5-Year American Community Survey, Table, B17001.

Source for 2014 data: U.S. Census Bureau, 2010-2014 5-Year American Community Survey, Table, B17001.

Source for 2015 data: U.S. Census Bureau, 2011-2015 5-Year American Community Survey, Table, B17001. Data prepared by Voices for Children.

Source for 2016: U.S. Census Bureau, 2012-2016 5-Year American Community Survey, Table B17001. Prepared by Voices for Children.

### Single Parent Households

The percent of children in single parent households are the number of individuals age 0-18 living in a household with either their mother or their father:

Source for 2013 data: County Health Rankings & Roadmaps Program, 2013 Nebraska Rankings Data, Retrieved from <http://www.countyhealthrankings.org/rankings/data/ne>

Source of 2014 data: County Health Rankings & Roadmaps Program, 2014 Nebraska Rankings Data, Retrieved from <http://www.countyhealthrankings.org/app/nebraska/2015/downloads>

Source for 2015 data: U.S. Census Bureau, 2015 American Community Survey 5-year estimates, Table B09005. Data prepared by Voices for Children.

Source for 2016 data: U.S. Census Bureau. (n.d.) 5-year American Community Survey, table B09005, 2012-2016. Prepared by Voices for Children.

### Reading Proficiency

The number proficient reading at third grade is the number of third grade children who tested proficient, and the percent is that number divided by the total number of students tested. Crude rates are not calculated for counties with less than 10 events.

Source for 2011 data: Percent Proficient Reading at Third Grade, 2010-2011, Nebraska Dept. of Education, 2010-2011 State of the Schools Report, NOTE: The source data are reported by school districts. We calculated the county-level rates by taking the weighted average of all school districts within a county. The weights are the number of students tested for reading at third grade. <http://reportcard.education.ne.gov/Main/DataDownload.aspx>

Source for 2013, 2012, and 2009 data: Nebraska Department of Education, 2012-2013 NSSRS Database as provided by the NDE ITS department. NeSA data from State of the Schools Report.

Source for 2013 data: Nebraska Department of Education, Early Childhood Report for School Year 2012-2013, NeSA Reading – Grade 3, Proficient Count & Total Student Test Count by County.

Source for 2014 data: Nebraska Department of Education, Early Childhood Report for School Year 6/30/2015, NeSA Reading – Grade 3, Proficient Count & Total Student Test Count by County.

Source for 2015 data: Data provided by Nebraska Department of Education and prepared by Voices for Children.

Source for 2016 data: Nebraska Department of Education Nebraska Department of Education. (n.d.) Percent proficient at 3rd grade reading, as provided by the Nebraska Department of Education. Data prepared by Voices for Children.

### Population Data

Source for 2013 data: 2015 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha. To split 18 and 19 year olds, CPAR took the estimated number of 18 and 19 year olds, which can be isolated, and divided that figure by 2 to allocate to 18 year olds and 19 year olds specifically. Note that, per CPAR, the 18/19 estimate could differ from reality is certain college counties such as Lancaster, Wayne or Dawes. Source for 2014 data: 2015 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha. To split 18 and 19 year olds, CPAR took the estimated number of 18 and 19 year olds, which can be isolated, and divided that figure by 2 to allocate to 18 year olds and 19 year olds specifically. Note that, per CPAR, the 18/19 estimate could differ from reality is certain college counties such as Lancaster, Wayne or Dawes.

Source for 2015 data: 2015 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs

Research (CPAR) at the University of Nebraska at Omaha. To split 18 and 19 year olds, CPAR took the estimated number of 18 and 19 year olds, which can be isolated, and divided that figure by 2 to allocate to 18 year olds and 19 year olds specifically. Note that, per CPAR, the 18/19 estimate could differ from reality is certain college counties such as Lancaster, Wayne or Dawes. Additional data quality note: Per CPAR, “figures for Washington County do not fully reflect reality as the Census estimates program is still including students in the Dana College dorms, which are now closed. There were 357 such students in dorms in the 2010 census. So Washington County figures shown here are likely around 357 too high. We are trying to get this corrected but they will not be appropriate even in the new 2016 vintage data set to come out this spring – it’ll be the following spring when the correction is made. The estimates are likely reflecting the movement of students who were not living in dorms adequately.” Note also that for this year, data is also available with the “standard” age breakdowns; the source for this data is the same and this data was prepared by Voices for Children.

Source for 2016 data: 2016 Vintage Population Estimates from the U.S. Census Bureau as compiled and analyzed by the Center for Public Affairs Research (CPAR) at the University of Nebraska at Omaha. To split 18 and 19 year olds, CPAR took the estimated number of 18 and 19 year olds, which can be isolated, and divided that figure by 2 to allocate to 18 year olds and 19 year olds specifically.