

Kindergarten Readiness Network Data Compendium



Introduction

This compendium is an abbreviated version of the Early Childhood Roadmap Indicators Data Report produced by the University of Florida, Center for Excellence in Early Childhood Studies for TCCC's 2014 Early Education Symposium. This document provides preliminary early childhood data available for the tri-county (Charleston, Berkeley, Dorchester) region of South Carolina. Data were primarily obtained through publicly available web-based reports and agency websites although some data were obtained through first-person queries with tri-county or state agencies. Specific data sources are identified throughout the report.

The Indicators List table contains an outline of the indicator types, associated performance measures, population and level of analysis, data frequency, as well as sources. This compendium is meant to provide an initial look at indicators that are commonly understood to be relevant and predictive of kindergarten readiness. The data and performance measures presented here are not meant to preclude other network data sources, but should serve as a starting point to data discovery and analysis.

Selected Demographics

- SC ranks 45th of the 50 states in the nation for child well-being (bottom 10%) according to 2014 Kids Count Profiles
- Number of children under age 5 according to 2014 Kids Count Profiles
 - South Carolina = 292,316
 - Berkeley county = 13,507
 - Charleston county = 23,218
 - Dorchester county = 9,582
 - **In Tri-county = 46,307**
- Out of the over 46,000 children under age 5 living in the Tri-county region:
 - 56.4% are White
 - 32% are Black
 - 9% are Hispanic

Children Living in Areas of Concentrated Poverty				
Tri-County Region	2006-10	2009-13	%2006-2010	%2009-2013
White	2,190	2,960	2.5%	3.3%
Black	11,970	12,700	22.9%	24.3%
Hispanic	1,670	2,550	13.8%	21.0%
Total Under 18	16,120	18,710	10.3%	11.9%

Areas of concentrated poverty are defined as census tracts where more than 30% of the population is living in poverty.

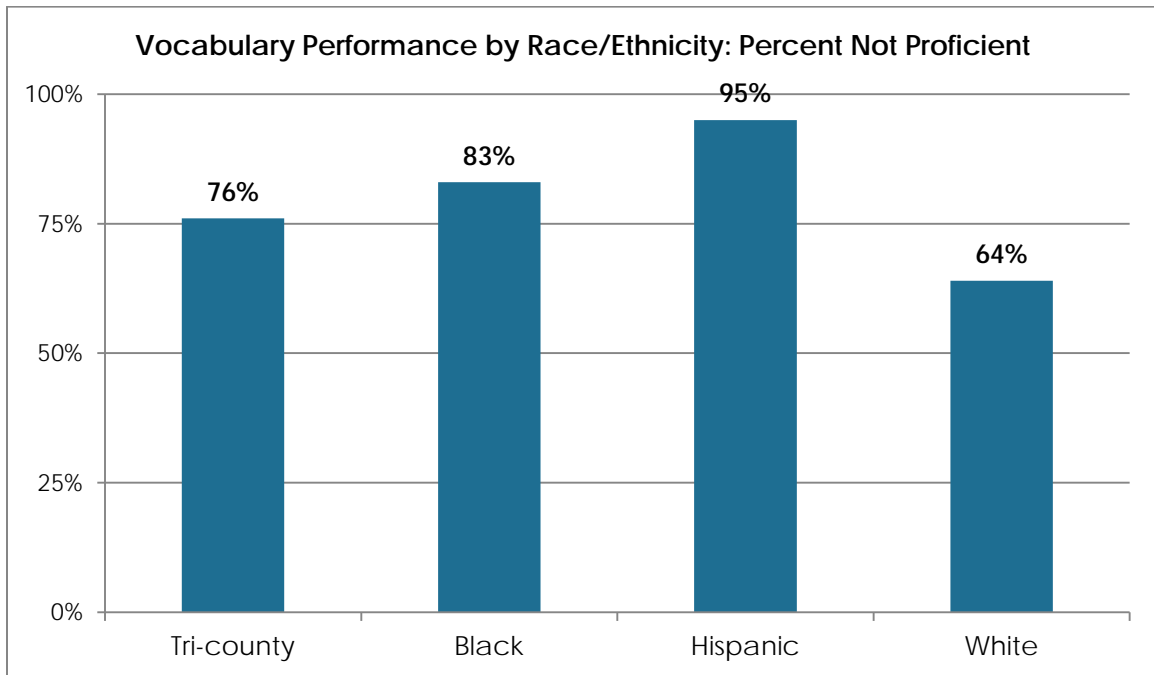
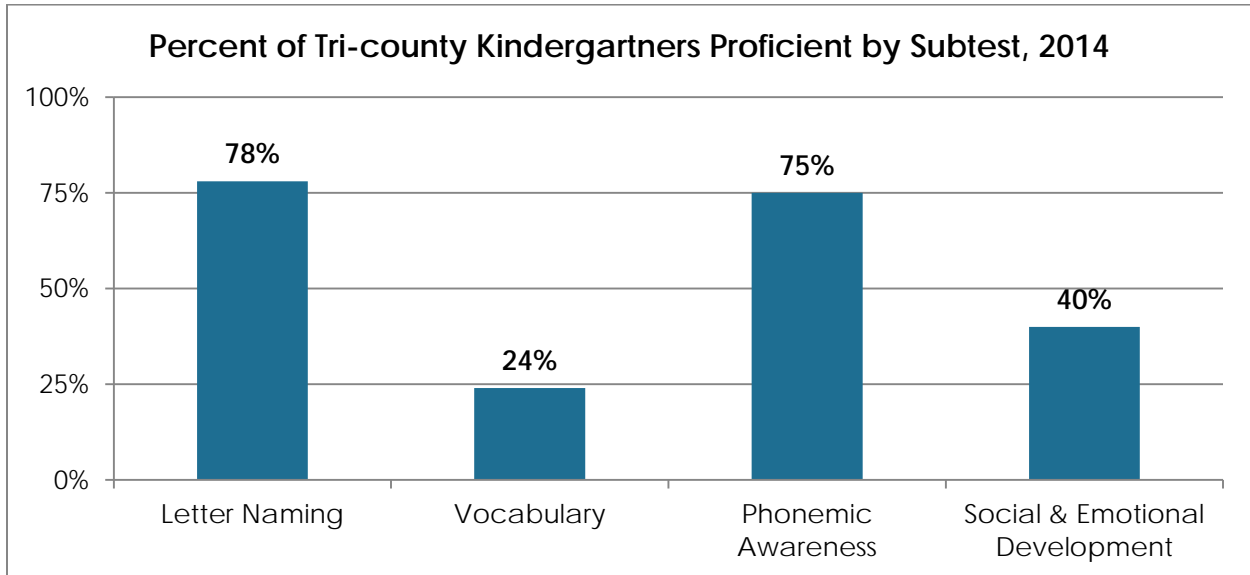
KINDERGARTEN READINESS INDICATORS LIST

Indicator	Performance Measure	Population	Level of Analysis	Frequency	Data Provider / Source	Indicator Type	Page #
Kindergarten Readiness	Percent of Kindergarteners Proficient	Kindergarten students	Tri-county Region	Annual	Individual School Districts/ SCDOE	Core	4
Healthy birth weight	Percent of babies born low birth weight	Babies born each year	Tri-county Region	Annual	Children's Trust SC/ Kids Count	Leading	9
Adequate Prenatal Care	Percent of babies born to mothers w/ less than adequate prenatal care	Babies born each year	Tri-county Region	Annual	Children's Trust SC/ Kids Count	Contributing	9
Maternal Education	Percent of births to mother with less than a HS diploma	Babies born each year	Tri-county Region	Annual	Children's Trust SC/ Kids Count	Contributing	10
Children Living In areas of concentrated poverty	Percent	Children (All, Race)	Tri-County Region	Varies	Children's Trust of South Carolina	Contributing	2
Access to affordable, high quality early learning	Percent enrolled in publicly funded early education	3- and 4- yr. olds	State	Annual	See pages	Leading	5-8
Adequate Nourishment	# of households receiving food stamps	Households with children under 18	Tri-county Region	Varies	US Census; American Community Survey	Contributing	10
Medical home	Percent of children with medical home	Children age 1 to 5	State	Varies	Data Resource Ctr for Child & Adolescent Health	Contributing	10
3 rd Grade Reading Proficiency	Percent of Students Reading on Grade Level	3 rd Graders	Tri-county	Annual	SC DOE	Lagging/ Core	11

Core Indicator: Kindergarten Readiness

Percent of proficient in kindergarten readiness subtests.

Note: Data are preliminary and likely to change. This is the first year that the specific assessment used here has been administered, so these data may be affected by factors such as test administration protocols, as well as student differences in readiness.

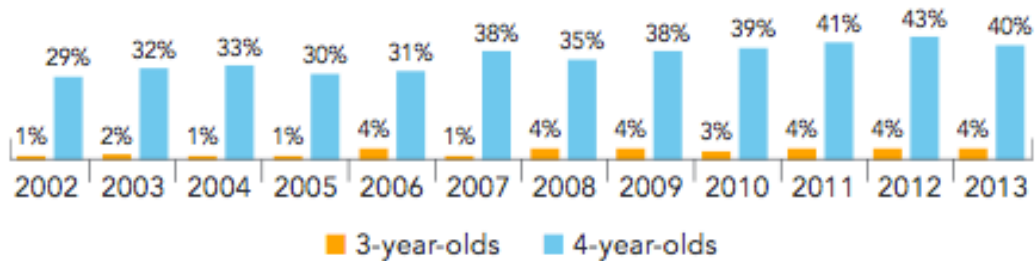


Selected Leading Indicators

Access to Affordable, High Quality Child Care and Pre-K Early Learning Opportunities

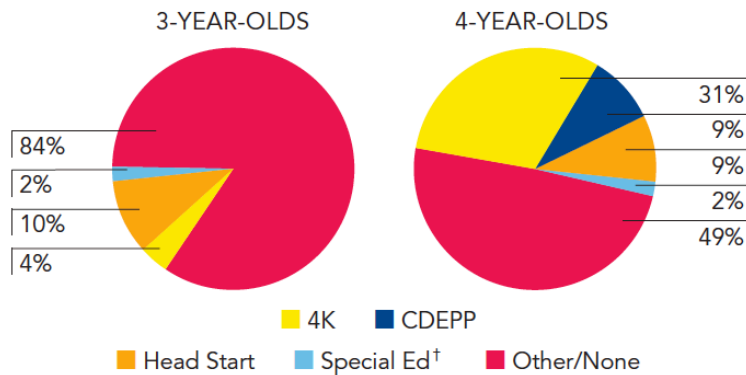
South Carolina has at least four types of early childhood programs: (1) Four-Year-Old Kindergarten (4K), (2) the Child Development Education Pilot Program (CDEPP) and subsequent CDEPP expansion, (3) Early Head Start and Head Start programs, and (4) Individuals with Disabilities Education Act (IDEA) Part C and Part B/619 services for children with developmental delays or disabilities. In addition, the ABC Child Care Voucher program makes payments to providers for early care and education for children from low-income families so their parents can attend school or work. Refer to Appendix B for more information on these programs.

Percent of 3- and 4-Year-Old Children Enrolled in State-Funded 4K/CDEPP, IDEA Part C and Part B/619 (Special Education), and State or Federal Head Start



Source: Barnett, W.S., Carolan, M.E., Squires, J.H., Clarke Brown, K. (2013). The state of preschool 2013: State preschool yearbook. New Brunswick, NJ: National Institute for Early Education Research.

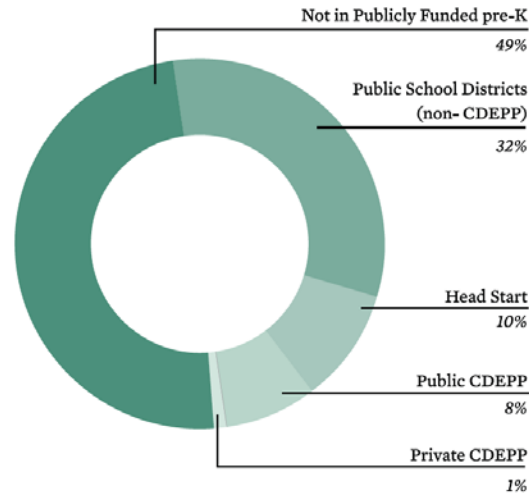
State Pre-K and Head Start Enrollment as Percentage of Total Population



† This is an estimate of children in special education who are not enrolled in state-funded pre-K or Head Start.

Source: Barnett, W.S., Carolan, M.E., Squires, J.H., Clarke Brown, K. (2013). The state of preschool 2013: State preschool yearbook. New Brunswick, NJ: National Institute for Early Education Research.

Percent of 4-Year-Olds Enrolled in Preschool Programs in SC



Note. These figures do not include the ABC voucher program provided by the Department of Social Services, which also benefits four-year-olds by providing funding for childcare and/or wrap-around care outside of 4K hours.

Source: SC First Steps (2012). Publicly Funded Pre-Kindergarten in SC: 2010-2011.

Projected 4-Year-Olds at Risk Served by a Public-Funded Early Childhood Education Program for 2013-14

School District	Estimated Number of 4-Year-Olds	2013-14 District Poverty Index	4-Year-Olds Served in Head Start	4-Year-Olds in ABC Child Care Voucher System	Public Schools CDEPP	Total Served	% of 4-Year-Olds At Risk Served
Berkeley*	2,712	72.28	289	9	933	1,231	62.8%
Dorchester 2	1,737	58.49	57	7	-	64	6.3%
Dorchester 4**	166	87.83	8	1	120	129	88.6%
Charleston	4,664	63.21	548	32	-	580	19.7%

Note. * CDEPP District, **CDEPP Expansion District Source: SC Education Oversight Committee <http://www.scstatehouse.gov/reports/educationoversightcomm/expansionofscddeppreportfromsceoc.pdf>

4K/CDEPP Enrollment in the Tri-County Region

School District	CDEPP Enrollment	Non-CDEPP (4K) Enrollment as of Spring 2014
Berkeley	939	—
Charleston	—	1,969
Dorchester 2	—	543
Dorchester 4	93	—

Notes. In BCSD, 46 of the participating 939 children are served by First Steps CDEPP. The CCSD and DSD 2 counts are as of Spring 2014 and include enrolled 3-year-olds.

Enrollment in CCSD's Child Development Program is 2,006. CCSD is also a Head Start/Early Head Start grantee, funded for 1,001 children, some of whom are served in collaboration classrooms. CCSD serves an additional 400 children approximately in the district's preschool Montessori program.

Source: Personal Communication with Kimberly Foxworth, Director of Child Development in Charleston County 10/23/14. Personal Communication with Penny Danielson, Office of Early Childhood, SC Department of Education 10/23/14.

Early Head Start/Head Start Enrollment in the Tri-County Region

	Charleston County School District (04CH4625)	Berkeley County School District (04CH4626)	East Coast Migrant Head Start Project (90CM9796)
Programs Operated	Head Start (HS) Early Head Start (EHS)	Head Start (HS)	Migrant and Seasonal Head Start (MSHS)
Total Funded Enrollment	1,145	601	248
Total Cumulative Enrollment	1,282	667	180
Total HS Children	1,107	667	MSHS Children, Ages 3-5 = 78
Total EHS Children	165	0	MSHS Children, Ages 0-2 = 102
Families Served	1,217	618	119
Special Education Status			
HS Children with IEP	72	83	2
EHS Children with IFSP	7	0	4
Program Option			
Center-Based Full Day	1,121	601	248
Home-Based Option	24	0	0

Note. CCSD and BCSD data reflect program numbers between August 2013 and June 2014. ECMHS enrollment reflects program numbers between July 1, 2013 and November 15, 2013. BCSD also provides HS services to children from Dorchester County. Source: 2013-2014 Head Start Program Information Report (PIR) – PIR Summary Report.

ABC Voucher Program Enrollment

Number of Children Receiving Subsidies Served and Providers in the Tri-County Region by Quality Rating

	Where were the subsidy children served?	How many providers served the subsidy children?	How many subsidy children?
	(During the Period April-June 2014 - Unduplicated Providers over 3 months)	(During June 2014 - Unduplicated Providers over 1 month)	(During June 2014 - Unduplicated Children over 1 month)
Total	315	253	1824
A+	2	1	1
B+	23	21	203
B	62	56	764
C+	1	1	1
C	124	105	671
N/A	76	51	118
NR	27	18	66

Source: SC Department of Social Services, extracted from ABC Child & Provider Voucher files, 2014 Q2

Licensed Child Care Providers in the Tri-County Region

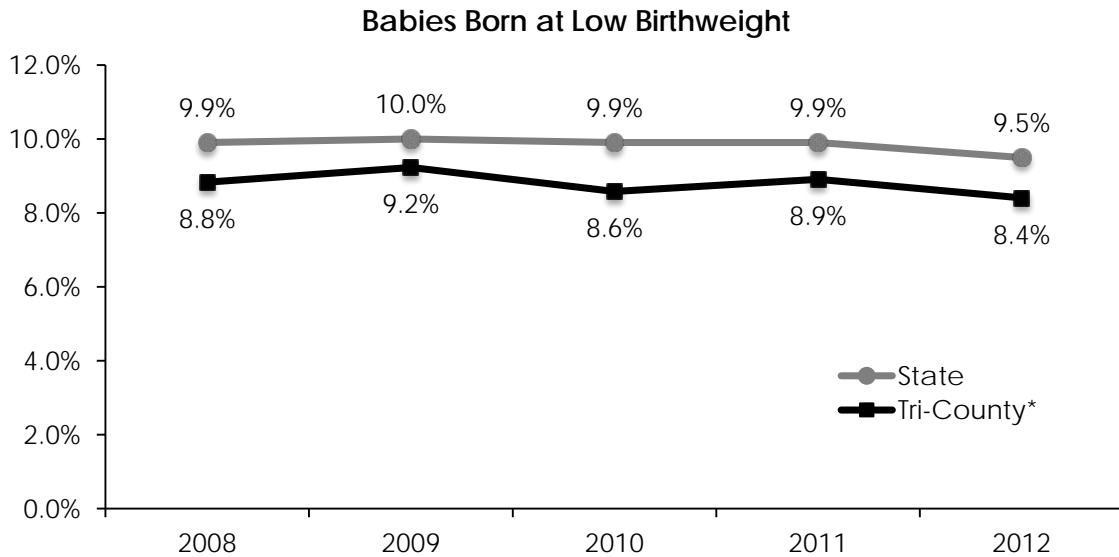
Where Active = y, County is 8, 10, or 18, Permit Number not = . or >0

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
License Type				
Approved	61	13.6	61	13.6
Licensed	177	39.6	238	53.2
Registered	209	46.8	447	100.0
Facility Type				
Child Care Center	250	55.9	250	55.9
Group Child Care Home	11	2.5	261	58.4
Family Child Care Home	186	41.6	447	100.0
Sponsor Type				
Private - For Profit	336	79.8	336	79.8
Public Funded Block Grant	20	4.8	356	84.6
Public Funded Other	28	6.7	384	91.2
Faith-Based	37	8.8	421	100.0

Source: SC Department of Social Services, Licensing Extract 2014 Q2

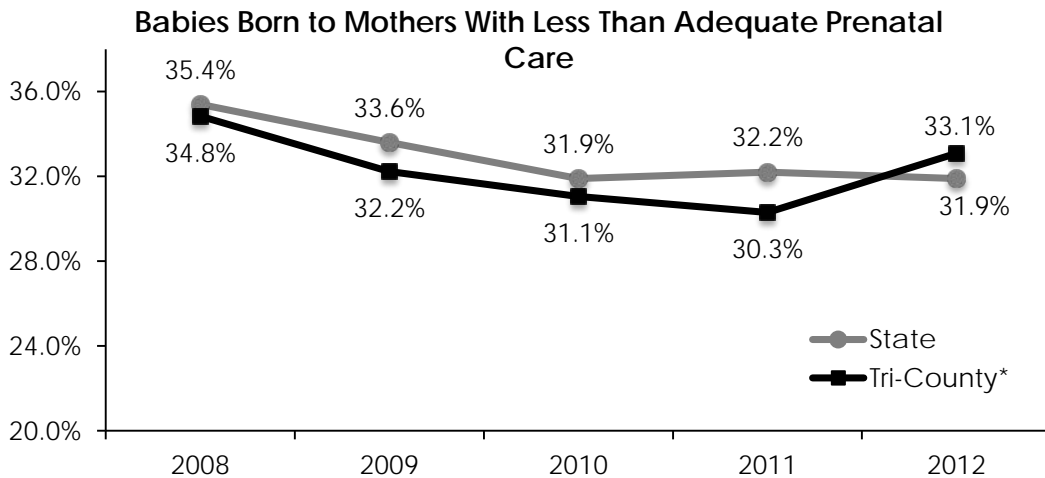
Selected Contributing Indicators

Born at a Healthy Birth Weight



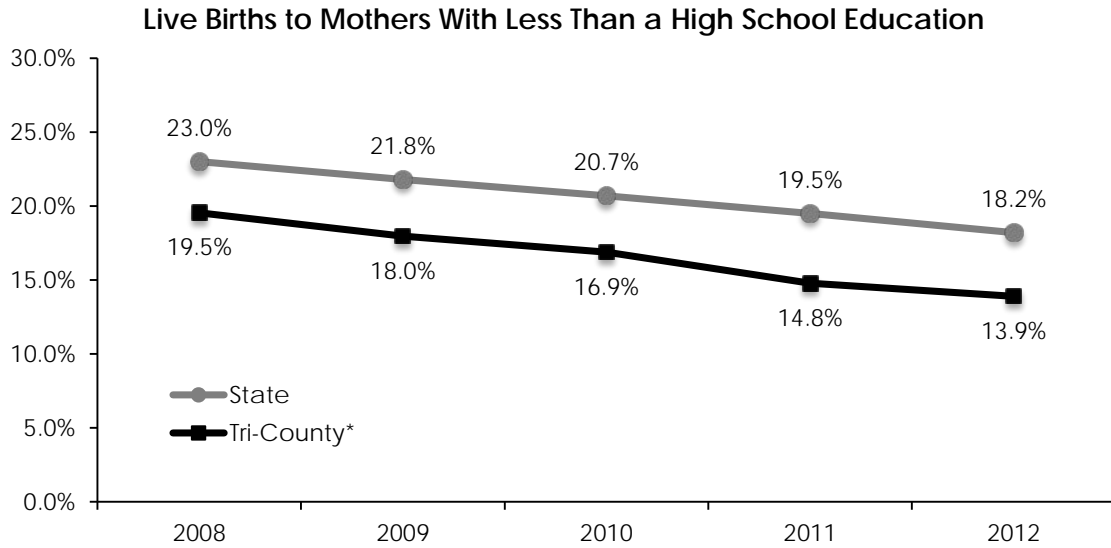
Note. *Percentages weighted to early childhood population characteristics (Berkeley 0.29, Charleston 0.50, Dorchester 0.21). Definitions: Low birth weight is a weight at birth that is less than 2,500 grams (5 pounds, 8 ounces) regardless of the period of gestation. Data Source: Source SCAN DHEC-Birth Module; using the percent by row tables for low BW. Reported by Children's Trust/Kids Count.

Adequate Prenatal Care



Note. *Percentages weighted to early childhood population characteristics (Berkeley 0.29, Charleston 0.50, Dorchester 0.21). Definitions: Less than adequate as classified by the Kessner Index - A classification of the adequacy of prenatal care. The levels of prenatal care are determined by the trimester prenatal care began, the number of prenatal care visits and the period of gestation. Source SCAN DHEC. Data Source: SC Department of Health and Environmental Control. Reported by Children's Trust/Kids Count.

Maternal Education



Note. *Percentages weighted to early childhood population characteristics (Berkeley 0.29, Charleston 0.50, Dorchester 0.21). Definitions: Women who had not completed the twelfth grade at the time of delivery of a live birth. Source SCAN DHEC. Tables for rates per 1000 LB from Birth Module converted to percentages. Data Source: SC Department of Health & Environmental Control.

Adequate Nourishment

Percent of Tri-County Area Households Receiving Food Stamps: 2007 and 2013

	2007	2013
Tri-County Households Served (%)	7.7%	11.5%
Tri-County Households Served with Children under 18 (%)	56.6%	55.2%
Total Households in Tri-County Served (#)	18,769	30,753
Total Households in Tri-County (#)	242,907	268,003

Source: U.S. Census Bureau, 2007 and 2013 American Community Survey, 1 year estimates for Charleston MSA.

Participates in a Medical Home

SC Children, Ages 1-5, Who Receive Coordinated, Ongoing, Comprehensive Care Within a Medical Home

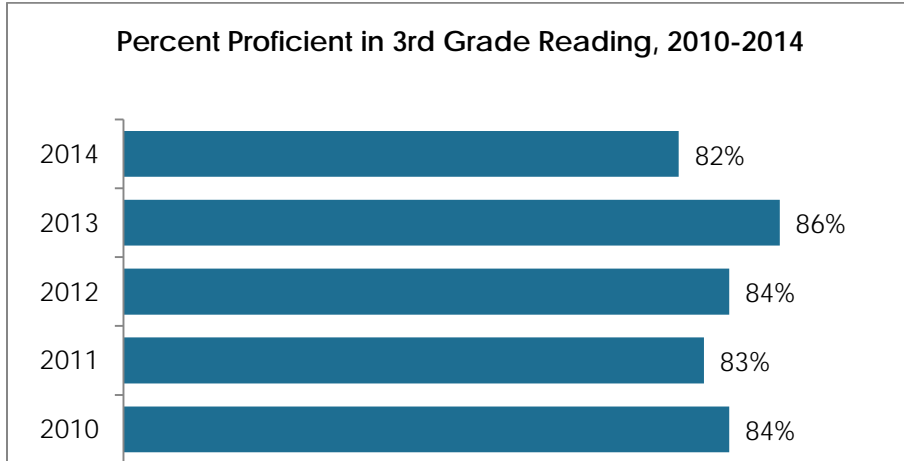
	Medical Home Criteria Met	No Medical Home
Percentage	41.5%	58.5%
95% Confidence Interval	35.6 – 47.4	52.6 – 64.4
Frequency	222	342
Population Estimate	146,827	206,927

Note. Percentages are weighted to early childhood population characteristics. Source: 2011-2012 National Survey of Children's Health. Data reported by the Data Resource Center for Child and Adolescent Health <http://childhealthdata.org/browse/survey/results>

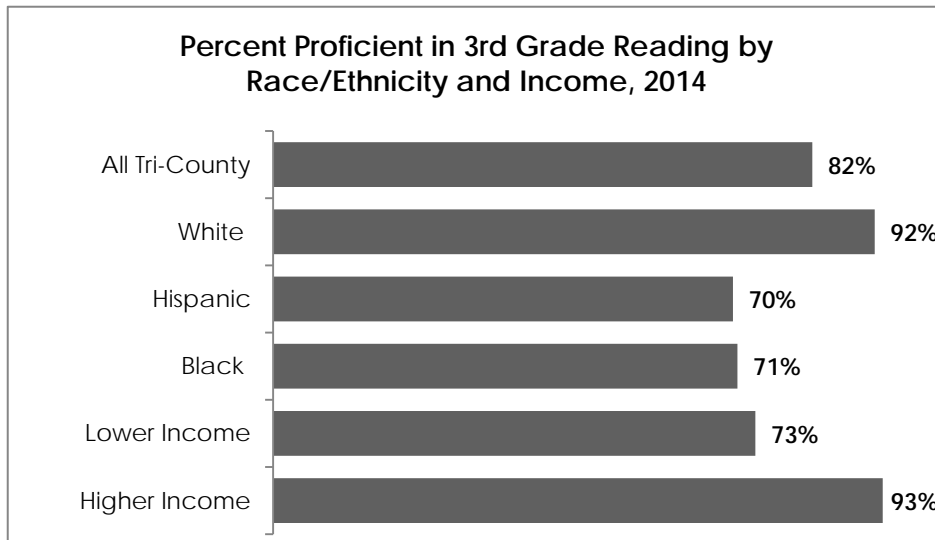
Selected Lagging Indicator

Note that this is considered a lagging indicator as it relates to Kindergarten Readiness and is also a TCCC Core Indicator.

3rd Grade Reading Proficiency



Source: SC DOE State Report Cards for Tri-county districts.



Source: SC DOE State Report Cards for Tri-county districts.