

Dashboard	Category	Indicator	Source	Target	Peer (Average or Best of)	Orange County	Peer	NC	US
<b>Maternal and Infant Health</b>									
<b>Birth Outcomes</b>									
		Infant Mortality Rate (/1,000)	SCHS	HNC2020	New Hanover	2011-2013	2011-2013	2009-2013	2011
		% Low Birthweight Babies (<2500 grams)	SCHS	HP2020 (MICH- 8.1)	Buncombe OR New Hanover	2011-2013	2011-2013	2009-2013	2013
		% Very Low Birthweight Babies (<1500 grams)	SCHS	HP2020 (MICH 8.2)	New Hanover	2011-2013	2011-2013	2011-2013	2013
		% Mothers Smoking while pregnant	SCHS	HP2020 (MICH- 11.3)	Buncombe	2011-2013	2011-2013	2011-2013	2011
		% Preterm Births (<37 Wks Gestation)	SCHS	Unavailable	Brunswick	2011-13	2009-2013	2009-2013	2013
<b>Access to Care</b>									
<b>Affordability and Insurance</b>									
		% Uninsured (<65 years old)	SAHIE	Unavailable	New Hanover (best)	2013	2012	2013	2013
		% Low-income Uninsured (<65 years old, <138% FPL)	SAHIE	Unavailable	Brunswick (best)	2013	2013	2013	Unavailable
<b>Resources and Prevention</b>									
		Physicians Rate per 10,000	SHEPS	Unavailable	Buncombe (best)	2013	Unavailable	2013	2011
		Primary Care Physician Rate per 10,000	SHEPS	Unavailable	Buncombe (best)	2013	Unavailable	2013	2013
		Dentist Rate per 10,000	SHEPS	Unavailable	Unavailable	2013	2013	2013	2013
<b>Unintended Pregnancy</b>									
		Repeat Teen Pregnancy Rate	SCHS	Unavailable	Buncombe	2011-2013	2009-2013	2011-2013	2010
		Rate of Unplanned Pregnancy	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
		Teen Birth Rate (%)	SCHS	Unavailable	Unavailable	2009-2011	2009-2011	2009-2011	2013
		Teen Pregnancy (Rate/1,000)	SCHS	Unavailable	New Hanover	2011-2013	2011-2013	2009-2013	2013
<b>Sexually Transmitted Infections (STIs)</b>									
<b>STI</b>									
		% age 15-24 testing positive for Chlamydia of those tested	SCHS	HNC2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2011	Unavailable	2011	2011
		Chlamydia Incidence Rate (/100,000)	DHHS	HP2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	2013
		Early Syphilis Rate (/100,000)	DHHS	HP2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	2013
		Gonorrhea Incidence Rate (/100,000)	DHHS	HP2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	2013
<b>HIV/AIDS</b>									
		AIDS Incidence Rate (/100,000)	DHHS	HP2020 (archived)	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	2013
		HIV Infection Rate (/100,000)	DHHS	HNC2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	2013
<b>Tobacco</b>									
<b>Behaviors</b>									
		% Adult Smokers	SCHS	NC-HIP	Unavailable	2011	2006-2010	2011	2011
		% High schoolers who smoked in past 30 days (CHCCS)	YRBS	Previous Target	Unavailable	2013	2013	2013	2009
		Tobacco Use Disorder Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	Unavailable
<b>Lung Cancer</b>									
		Lung Cancer Incidence Rate	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2008-2012	2008-2012	2008-2012	2008-2012
		Lung Cancer Mortality Rate	SCHS	HP2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2008-2012
<b>Policies</b>									
		% Exposed to Secondhand Smoke at Work	BRFSS	HNC2020	Unavailable	2006-2010	Unavailable	2011	Unavailable
<b>Respiratory Diseases</b>									
<b>Asthma and Respiratory Disease</b>									
		% Asthma Diagnosis (ever in lifetime)	SCHS	Unavailable	Buncombe (best)	2010	2010	2011	2010
		% Asthma Current Diagnosis	SCHS	Unavailable	New Hanover (best)	2011	2010	2011	2013
		Asthma Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2009
		Hospital Discharge Rate for Asthma	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	Unavailable
		Hospital Discharge Rate for Asthma, Age 0-14	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2013	2013	2013	Unavailable
		Chronic Lower Respiratory Disease Mortality	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	Unavailable
<b>Chronic Disease</b>									
<b>Cancer</b>									
		Cancer Incidence Rate	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2012	2012	2012	2008-15
		Cancer Mortality Rate	SCHS	HP2020 (C-1)	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2008-2012
		Female Breast Cancer Incidence Rate	Unavailable	Unavailable	Unavailable	2008-2012	2008-2012	2008-2012	2008-2012
		Female Breast Cancer Mortality Rate	SCHS/NC-HIP	HP2020 (C-3)	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2008-2012
		Lung Cancer Incidence Rate	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2008-2012	2008-2012	2008-2012	2008-2012
		Lung Cancer Mortality Rate	SCHS	HP2020	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2008-2012
		Colorectal Cancer Incidence Rate	SCHS	Unavailable	Unavailable	2008-2012	2008-2012	2008-2012	2008-2012
		Colorectal Cancer Mortality Rate	SCHS	HNC2020	Unavailable	2009-13	2009-2013	2009-2013	2008-2012
		Prostate Cancer Incidence Rate	Unavailable	Unavailable	Brunswick (best)	2008-2012	2008-2012	2008-2012	2008-2012
		Prostate Cancer Mortality Rate	SCHS	HP2020	Buncombe (best)	2009-13	2009-2013	2009-2013	2008-2012

<b>Diseases of the Heart</b>									
	Cardiovascular Disease Prevalence	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	2011	Unavailable	
	Cardiovascular Disease Mortality Rate	SCHS	HNC2020	Buncombe (best)	2008-2012	2008-2012	2008-2012	2008-2012	Unavailable
	Diseases of the Heart Mortality Rate	SCHS	HP2020 (HDS-2)	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2009-2013	2012
	Heart Disease Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
	Circulatory Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
	Hypertension Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
<b>Stroke</b>									
	Stroke Mortality Rate	SCHS	HP2020 (HDS-3)	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2009-2013	2013
	Stroke Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
<b>Diabetes</b>									
	Adult Diabetes Prevalence	BRFSS	HNC2020	Unavailable	2011	2013	2013	2013	2014
	Diabetes Mortality Rate	SCHS	Hp2020 (D-3)	Brunswick, Buncombe, New Hanover (Peer Calculator)	2009-2013	2009-2013	2009-2013	2009-2013	2013
<b>Clinical Preventative Services</b>									
	Cancer Incidence Rate	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2012	2012	2012	2012	2008-15
	% Colorectal Cancer Screening	BRFSS	Unavailable	Buncombe, Durham, New Hanover, Wake	2008-2010	2008-2010	2008-2010	2008-2010	2010
	% Women who received Mamogram (50+)	BRFSS	HP2020 (C 17)	Buncombe, Durham, New Hanover, Wake	2008-2010	2008-2010	2008-2010	2008-2010	2010
	Colorectal Cancer Incidence Rate	SCHS	Unavailable	Unavailable	2008-2012	2008-2012	2008-2012	2008-2012	2008-2012
	Female Breast Cancer Incidence Rate	Unavailable	Unavailable	Unavailable	2008-2012	2008-2012	2008-2012	2008-2012	2008-2012
	Lung Cancer Incidence Rate	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2008-2012	2008-2012	2008-2012	2008-2012	2008-2012
<b>Physical Activity, Nutrition, and Weight</b>									
	% Adults Getting Recommended Exercise	BRFSS	HNC2020	Previous Target	2009	2009	2009	2009	Unavailable
	% High Schoolers Recommended Exercise	YRBS	Previous Target	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
	% Adults Eating 5+ Fruits or Veggies/Day	BRFSS	HNC2020	Previous Target	2011	2009	2011	2011	Unavailable
	% Students eating 5+ Fruit or Veggies/Day	YRBS	Previous Target	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
	% Adults with Healthy Weight	BRFSS	HP2020 (NWS-8)	Buncombe, Durham, New Hanover, Wake	2011	2011	2011	2011	2008-12
	% High Schoolers with Healthy Weight	YRBS	HNC2020	Unavailable	2011 (7)	Unavailable	2011	2011	Unavailable
	% Low-income Preschool Children Obese	Unavailable	Pediatric Nutrition Surveillance System (PedNSS)	Buncombe (best)	2009-2011	2009-2011	2011	2011	2011
	% Population that is Food Insecure	Unavailable	Unavailable	New Hanover (best)	2013	2013	2013	2013	2013
	% Kids in Food Insecure Households	Unavailable	Unavailable	New Hanover (best)	2013	2013	2013	2013	2013
<b>Mental Health</b>									
<b>Older Adult Mental Health</b>									
	% Older Adults with Depression	CMS	Unavailable	Brunswick (best)	2012	Unavailable	2012	2012	2012
	Alzheimer's Age-Adj Morality Rate	SCHS	Unavailable	New Hanover (best)	2013	2013	2013	2013	2011
	Alzheimer's Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
<b>Depression/General Mental Health</b>									
	Avg # Poor Mental Health Days / Month	BRFSS	HNC2020	Previous Target	2011	2011	2011	2011	Unavailable
	% Lacking Social-Emotional Support (duplicate)	BRFSS	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
<b>Mental Health and Emergencies</b>									
	Avg # Poor Mental Health Days / Month	BRFSS	HNC2020	Previous Target	2011	2011	2011	2011	Unavailable
	Suicide Mortality Rate	SCHS	HNC2020	New Hanover(best)	2009-2013	Unavailable	2009-2013	2009-2013	Unavailable
	Mental Health Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	New Hanover (best)	2013	2013	2013	2013	Unavailable
	Substance Abuse Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
<b>Substance Use and Abuse</b>									
<b>Alcohol</b>									
	% Adults who Drink Excessively	SCHS, BRFSS	Unavailable	Buncombe and New Hanover	2011	2011	Unavailable	2013	2013
	% High schoolers using alcohol products	YRBS	Previous Target	Unavailable	2013	2013	2013	2013	2013
	% Crashes that are Alcohol Related	DHHS Annual Report/ Highway Safety Research Center	HNC2020	Brunswick, Buncombe, New Hanover (Simple Average)	2012	2012	2012	2012	Unavailable
<b>Illicit Drugs</b>									
	% Illicit drug use self-report	Mike SAMH Dash	Unavailable	not sure where this came from...	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
	% Providers registered in CSRS	Mike SAMH Dash	Unavailable	not sure where this came from...	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
	Overdose Mortality Rate	NVSS-M	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
<b>Tobacco</b>									
	% Adult Smokers	SCHS	NC-HIP	Unavailable	2011	2006-2010	2011	2011	2011
	% High schoolers who smoked in past 30 days (CHCCS)	YRBS	Previous Target	Unavailable	2013	2013	2013	2013	2009
	Tobacco Use Disorder Crude ED Rate per 10,000 person-yrs	NC DETECT	Unavailable	Buncombe (best)	2013	2013	2013	2013	Unavailable
	Lung Cancer Incidence Rate	SCHS	Unavailable	Brunswick, Buncombe, New Hanover (Peer Calculator)	2008-2012	2008-2012	2008-2012	2008-2012	2008-2012
	% Exposed to Secondhand Smoke at Work	BRFSS	HNC2020	Unavailable	2006-2010	Unavailable	2011	2011	Unavailable

# Access to Care

## Summary:

Orange County generally has comparable rates of uninsured residents to North Carolina; however, low income residents are twice as likely to be uninsured, as compared to the average county resident. And in 2013, a higher percentage of low income youth under 19 were uninsured in Orange County [15% (+/- 3.2%)] as compared to North Carolina [9.2% (+/- 0.7%)]. However, across all populations Orange County has seen a decrease in uninsured rates from 2011 to 2013. In terms of resources, Orange County leads the state in physician density, and the supply of physicians grew from 2012 to 2013 (+176, +13.6%). While Orange County ranks first in dentist density, the county also showed the largest numerical decrease in the state in 2013 (-6, -4.2%).

- Performing better than four or more benchmarks
  - ▲ Performing better than two or three benchmarks
  - ◆ Performing better than one or no benchmarks
  - ↑↓ Positive trend
  - ↑↓ Negative trend
  - SAME No trend
  - Trend can not be assessed
  - Significant change from previous
- Benchmarks include Target, Previous, Peer, NC, and US*

## Data Notes:

See the **Public Health Dashboard FAQ Document** for more on data methodology.

Affordability and Insurance	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% Uninsured (<65 years old)	▲	15.3%	8.0%	16.4%	↓	18.6%	18.1%	13.4%
% Low-income Uninsured (<65 years old, <200% FPL)	▲	31.8%	NA	36.2%	↓	32.7%	32.7%	19.0%
% Children Uninsured (<19 years old)	◆	7.3%	NA	9.0%	↓	6.5%	6.9%	6.0%
% Low Income Children Uninsured (<19 years old, <200% FPL)	◆	15.0%	NA	20.0%	↓	9.2%	9.2%	8.0%

Resources and Prevention	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
Physicians Rate per 10,000	●	105.4	NA	93.6	↑	38.1	22.7	24.5
Primary Care Physician Rate per 10,000	●	24.9	NA	20.8	↑	14.6	8.6	7.6
Dentist Rate per 10,000	●	9.9	NA	10.4	↓	7.2	4.6	6.0

**Sources:** SAHIE, Sheps Center, Kaiser Family Foundation

Additional information from the 2014 Board of Health Access to Care Dashboard are re-printed below.

Health Literacy	Orange	Compare to		
		Current	Peer	NC
Basic prose illiteracy	9%	11%	14%	14%
Always understands doctor*	84%	-	83%	81%
Always understands discharge*	88%	-	86%	85%
Always understands medicine info*	69%	-	65%	64%

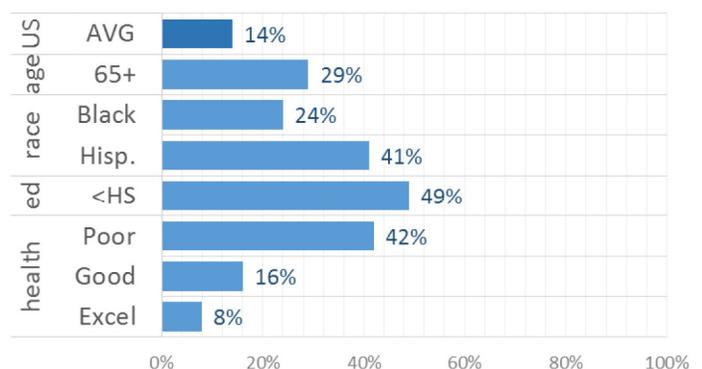
*\*Consider biases. Best used in comparison w/ other HCAHPS elements.*

Low Health Literacy is strongly tied with poorer health outcomes and increased cost. It is mediated by age, race, education and income.

**Basic HL** is rudimentary prose comprehension and quantitative abilities, insufficient for many interactions with health information. **Below basic HL** is extremely low or non-existent comprehension.

Increase HL by (1) increasing **patient** skills and abilities & (2) decreasing **provider** demand and complexity.

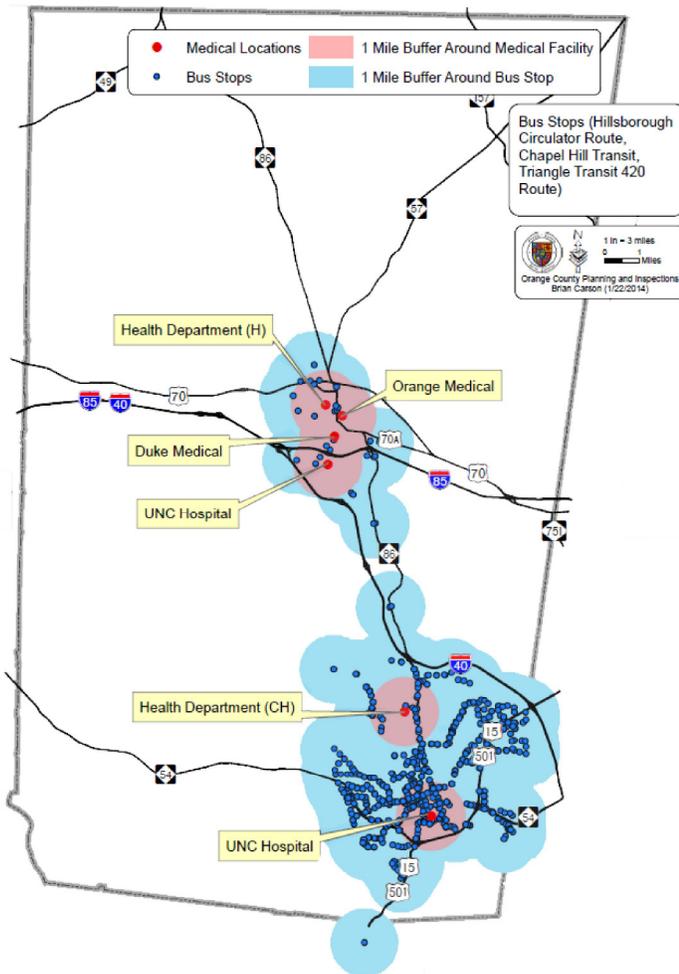
US % w Below Basic HL



## Resources

Orange County has the **highest Physician and Primary Care Physician (PCP) per capita rates** in the state.

Even with strong county resources, transportation is a factor for many low-income individuals who **live outside the clinic/bus coverage area** [red/blue on map], 3,000 of whom have **no vehicle** [individuals living in the white region].



The disabled, elderly, and those on Medicaid qualify for free or reduced cost transportation in rural areas through Orange County Public Transportation (OPT). Those who do not qualify can request OPT pick-up/drop-off for a charge of \$12.50 one direction.

## Affordability & Insurance

Orange County has a lower percent of uninsured by total population (15%), but the **same or more low-income uninsured** (33%) than peer (34%), state (32%) or national (30%) averages.

NCIOM Estimates the following approximate breakdown of the uninsured population:

# Chronic Disease

## Summary:

Orange County performs well on most Chronic Disease indicators compared to NC, the US, Peers, and available Target values. Mortality trends for diseases of the heart appear to be generally improving or stable. However, prevalence of chronic diseases, such as Cardiovascular Disease and Diabetes have increased in the last decade. Cancer Incidence has declined compared to recent years, though Breast Cancer Incidence and Mortality in Orange County continues to be higher than all corresponding benchmarks. Preventative cancer screening rates are lower than peers and targets.

- Performing better than four or more benchmarks
  - ▲ Performing better than two or three benchmarks
  - ◆ Performing better than one or no benchmarks
  - ↑↓ Positive trend
  - ↑↓ Negative trend
- Benchmarks include Target, Previous, Peer, NC, and US*

Diseases of the Heart		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Cardiovascular Disease Prevalence		▲	7.6%	#N/A	5.1%	↑	8.6%	9.2%	26.8%
Cardiovascular Disease Mortality Rate		▲	182.6	161.5	#N/A	-	210.2	235.7	#N/A
Diseases of the Heart Mortality Rate		●	100.0	103.4	106.7	↓	206.5	178.9	105.4
Heart Disease Crude ED Rate per 10,000 person-yrs		●	235.2	#N/A	236.8	↓	295.4	423.0	#N/A
Circulatory Crude ED Rate per 10,000 person-yrs		●	541.7	#N/A	566.8	↓	674.4	1073.4	#N/A
Hypertension Crude ED Rate per 10,000 person-yrs		●	352.0	#N/A	384.9	↓	399.7	759.4	#N/A

Stroke		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Stroke Mortality Rate		●	26	34.8	29.1	↓	47.8	45.2	40.8
Stroke Crude ED Rate per 10,000 person-yrs		▲	35.7	#N/A	38.9	↓	17.5	55.4	#N/A

Diabetes		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Adult Diabetes Prevalence		●	7.3%	8.6%	5.3%	↑	8.6%	11.4%	9.3%
Diabetes Mortality Rate		▲	10.1	#N/A	10.0	SAME	18.8	23.3	23.9

Cancer		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Cancer Incidence Rate		●	407.5	#N/A	458.0	↓	442.2	488.9	454.8
Cancer Mortality Rate		▲	154.3	161.4	153.2	SAME	164.6	173.5	171.2
Female Breast Cancer Incidence Rate		◆	164.5	#N/A	171.3	↓	156.8	157.0	124.8
Female Breast Cancer Mortality Rate		◆	22.9	20.7	22.5	↑	18.1	21.7	21.9
Lung Cancer Mortality Rate		●	42.3	45.5	43.4	↓	49.6	51.8	47.2
Lung Cancer Incidence Rate		▲	59.1	#N/A	59.7	↓	67.3	71.9	58.7
Colorectal Cancer Incidence Rate		●	32.6	#N/A	34.5	↓	34.4	39.8	42.4
Colorectal Cancer Mortality Rate		▲	10.4	10.1	9.9	↑	12.0	14.3	15.5
Prostate Cancer Mortality Rate		▲	20.2	21.8	19.9	↑	19.7	22.1	21.4

Clinical Preventative Services		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
% Colorectal Cancer Screening		◆	61.4%	70.5%	#N/A	-	71.0%	68.0%	65.0%
% Women who received Mamogram (50+)		▲	80.9%	81.1%	#N/A	-	80.0%	81.5%	80.0%

*Data points are the most current measures from multiple sources (available on request).  
Sources: NC SCHS, NC DETECT, BRFSS, SEER; Rates are per 100,000 unless otherwise noted  
See the Public Health Dashboard FAQ Document for more information on data methodology*

# Communicable Diseases

Orange County, NC  
2016 Population Health Dashboards

Communicable Disease Cases (2014)	Progress Icon	Orange County Current (2014)	Trend				Compare to % Difference from NC (2014)
			Previous (2013)	Trend from Previous	2009-2013 Average	% Difference from Average	
Campylobacter		21	25	↓	19.2	9.4%	8%
Cryptosporidiosis		7	8	↓	3.0	133.3%	43%
Shigatoxin-producing Ecoli		5	4	↑	2.6	92.3%	92%
Hepatitis B Chronic		12	17	↓	24.6	-51.2%	NA
Pertussis		10	4	↑	10.2	-2.0%	92%
Rocky Mtn. Spotted Fever		19	16	↑	16.8	13.1%	31%
Salmonellosis		27	21	↑	21.2	27.4%	-2%
Tuberculosis		1	3	↓	2.6	-61.5%	NA

**Sources:** OCHD, NC SCHS

Data points are the most current measures from multiple sources (available on request).

**Data Notes:**

See the **Public Health Dashboard FAQ Document** for more on data methodology

# Injury and Violence

## Summary:

Injury and Violence statistics have remained generally stable in recent years. However, crime rates have decreased over the past decade. Alcohol related vehicle injuries are an area of concern for Orange County. Both alcohol related crash rates and reported drinking and driving behaviors are more prevalent than our peers, the state, and the US.

- Performing better than four or more benchmarks
  - ▲ Performing better than two or three benchmarks
  - ◆ Performing better than one or no benchmarks
  - ↕ Positive trend
  - ↕ Negative trend
  - SAME No trend
  - Trend can not be assessed
  - Significant change from previous
- Benchmarks include Target, Previous, Peer, NC, and US*

## Data Notes:

\*Due to changes in survey methodology and overlapping confidence intervals, BRFSS data can not be compared to previous years

\*\*Confidence intervals for YRBS trend data are unavailable to assess significance of trends over time.

Rates are per 100,000 unless otherwise noted. See the **Public Health Dashboard FAQ Document** for more on data methodology.

Unintentional Injuries		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Other Unintentional Mortality Rate (Age-Adj)		<span style="color: green;">●</span>	24.4	36.4	21.8	↑	32.2	29.6	39.1
% Adults 45+ experienced fall(s) in past 3 months*		<span style="color: red;">◆</span>	18.6%	NA	11.0%	-	16.8%	17.5%	NA
% Adults ever experienced traumatic brain injury*		<span style="color: orange;">▲</span>	9.3%	NA	NA	-	16.8%	4.5%	8.5%

Drug Overdose and Poisoning		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Drug Overdose Mortality Rate		<span style="color: green;">●</span>	5.7	NA	10.0	↓	9.7	12.3	14.6
Opioid Overdose Mortality Rate		<span style="color: green;">●</span>	3.6	NA	7.1	↓	4.4	8.0	5.3
Drug Overdose Crude ED Rate per 10,000 person-yrs		<span style="color: green;">●</span>	14.5	NA	12.7	SAME	16.6	21.0	NA

Motor Vehicle Safety and Accidents		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Crash Injuries Per 1000 People		<span style="color: green;">●</span>	7.11	6.94	6.94	SAME	8.52	11.73	7.52
Unintentional Motor Vehicle Mortality Rate		<span style="color: green;">●</span>	8.0	NA	9.1	↓	9.7	13.5	10.3
% Crashes that are Alcohol Related		<span style="color: red;">◆</span>	5.7%	4.7%	5.8%	SAME	4.5%	4.2%	9.0%
% Adults who drove after drinking in past 30 days*		<span style="color: red;">◆</span>	7.7%	NA	1.8%	-	3.6%	2.4%	1.8%
% High schoolers who drove after drinking in past 30 days(CHCCS)**		<span style="color: green;">●</span>	9%	NA	9%	SAME	NA	6%	10%
% High schoolers who texted while driving in past 30 days(CHCCS)**		<span style="color: orange;">▲</span>	23%	NA	NA	-	NA	34%	41%

Violence and Crime		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Violent Crime Rate per 100,000		<span style="color: green;">●</span>	151.1	NA	146.9	SAME	143.7	333.0	365.5
Assault Rate per 100,000		<span style="color: green;">●</span>	95.7	192.0	87.4	↑	102.0	221.6	232.1
Rape Rate per 100,000		<span style="color: green;">●</span>	15.6	NA	12.9	↑	23.8	18.1	38.5
Homicide Rate per 100,000		<span style="color: green;">●</span>	1.4	5.5	0.7	↑	1.8	5.5	4.5
% High schoolers who had been injured in a fight (CHCCS)**		<span style="color: orange;">▲</span>	3.6%	NA	6.5%	↓	NA	3.0%	3.1%
% High schoolers who experienced dating violence (CHCCS)**		<span style="color: green;">●</span>	4.8%	NA	9.2%	↓	NA	9.4%	10.3%
% High schoolers who experienced forced intercourse (CHCCS)**		<span style="color: orange;">▲</span>	6.8%	NA	6.7%	SAME	NA	8.9%	7.3%

Mental Health and Emergencies		Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC	US
Avg # Poor Mental Health Days / Month*		<span style="color: green;">●</span>	2.5	2.8	2.9	↓	3.3	3.7	NA
Suicide Mortality Rate		<span style="color: green;">●</span>	10.4	8.3	12.2	↓	14.3	12.4	13.0
Mental Health Crude ED Rate per 10,000 person-yrs		<span style="color: green;">●</span>	82.1	82.8	86.2	↓	94.3	104.6	NA
Substance Abuse Crude ED Rate per 10,000 person-yrs		<span style="color: green;">●</span>	121.2	NA	121.8	SAME	136.2	139.4	NA

**Sources:** BRFSS, YRBS, NCDOT, NCSBI, NC SCHS, NC DETECT

Data points are the most current measures from multiple sources (available on request).

# Maternal and Infant Health

## Summary:

Orange County performs well on most indicators of Maternal and Infant Health, including having the lowest teen pregnancy rate in the state. However, many disparities exist for these indicators by race and ethnicity. Future dashboards will look into examining disaggregated data and these disparities in more detail.

- Performing better than four or more benchmarks
  - ▲ Performing better than two or three benchmarks
  - ◆ Performing better than one or no benchmarks
- Benchmarks include Target, Previous, Peer, NC, and US*
- ↑↓ Positive trend
  - ↑↓ Negative trend

Birth Outcomes	Progress	Orange County		Trend		Compare to		
	Icon	Current	Target	Previous	Progress	Peer	NC	US
Infant Mortality Rate (/1,000)	<span style="color: green;">●</span>	4.6	6.3	8.2	↓	4.6	7.3	6.1
% Low Birthweight Babies (<2500 grams)	<span style="color: green;">●</span>	7.0%	7.4%	7.6%	↓	7.8%	8.9%	8.0%
% Very Low Birthweight Babies (<1500 grams)	<span style="color: green;">●</span>	1.4%	1.4%	1.6%	↓	1.4%	1.7%	1.4%
% Mothers Smoking while pregnant	<span style="color: orange;">▲</span>	6.6%	1.4%	6.0%	↑	3.4%	10.6%	10.0%
% Preterm Births (<37 Wks Gestation)	<span style="color: green;">●</span>	9.6%	11.4%	9.5%	SAME	10.9%	9.5%	11.4%

Unintended Pregnancy	Progress	Orange County		Trend		Compare to		
	Icon	Current	Target	Previous	Progress	Peer	NC	US
Teen Pregnancy (Rate/1,000 females)	<span style="color: green;">●</span>	12.4	#N/A	21.8	↓	27.1	44.9	26.5
Repeat Teen Pregnancy Rate (/1000 females)	<span style="color: orange;">▲</span>	25.0%	#N/A	28.4%	↓	17.2%	26.3%	18.3%

*Data points are the most current measures from multiple sources (available on request).  
See the Public Health Dashboard FAQ Document for more information on data methodology  
Sources: NC SCHS*

# Child and Family Obesity

## Summary:

Orange County has shown some improvements in residents with a healthy weight. However, the percentage of adults meeting recommendations for exercise and fruit and vegetable consumption lags behind our peers. Adults in particular are seeing negative trends in both physical activity and healthy nutrition. Students eating fruits and vegetables is improving compared to previous years, however Orange County still performs worse than peers and the state.

-  Performing better than four or more benchmarks
-  Performing better than two or three benchmarks
-  Performing better than one or no benchmarks

-  Positive trend
-  Negative trend

*Benchmarks include Target, Previous, Peer, NC, and US*

Physical Activity, Nutrition, and Weight	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% Adults Getting Recommended Exercise		44.5%	60.6%	52.9%		49.5%	46.4%	51.7%
% High Schoolers Recommended Exercise		47.7%	50.0%	42.7%		48.1%	47.6%	50.5%
% Adults Eating 5+ Fruits or Veggies/Day		24.6%	29.3%	31.1%		17.0%	13.7%	#N/A
% Students eating 5+ Fruit or Veggies/Day		10.0%	20.0%	7.4%		17.8%	16.9%	#N/A
% Adults with Healthy Weight		49.2%	33.9%	46.2%		51.8%	33.3%	29.5%
% High Schoolers with Healthy Weight		77.0%	79.2%	74.0%		#N/A	71.2%	71.8%
% Low-income Preschool Children Obese		14.1%	#N/A	17.4%		14.1%	13.6%	12.2%
% Population that is Food Insecure		14.0%	#N/A	#N/A	-	16.0%	17.3%	14.5%
% Kids in Food Insecure Households		20.7%	#N/A	#N/A	-	23.7%	25.0%	19.9%

*Data points are the most current measures from multiple sources (available on request).  
See the Public Health Dashboard FAQ Document for more information on data methodology.  
Sources: BRFSS, YRBS, PedNSS, UNC School of Government Hunger Research*

# Sexually Transmitted Infections

Orange County, NC  
2015 Population Health Dashboards

## Summary:

Orange County performs well on most sexually transmitted infection indicators compared to NC, the US, Peers, and available Target values. However, the incidence of all STIs have increased compared to previous years. Early Syphilis and HIV Rates in particular are higher for Orange County than our peers.

- Performing better than four or more benchmarks
- ▲ Performing better than two or three benchmarks
- ◆ Performing better than one or no benchmarks
- ↑↓ Positive trend
- ↑↓ Negative trend

Benchmarks include Target, Previous, Peer, NC, and US

Sexually Transmitted Infections (STIs)	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% age 15-24 testing positive for Chlamydia	●	8.5%	8.7%	#N/A	-	10.0%	10.9%	15.6%
Chlamydia Incidence Rate (/100,000)	▲	340.7	#N/A	330.6	↑	367.6	496.5	446.6
Early Syphilis Rate (/100,000)	▲	3.6	#N/A	2.2	↑	2.7	6.9	10.9
Gonorrhea Incidence Rate (/100,000)	▲	82.6	#N/A	61.6	↑	109.1	140.1	106.1

HIV/AIDS	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
AIDS Incidence Rate (/100,000)	▲	5.1	12.4	1.4	↑	7.1	9.2	8.4
HIV Infection Rate (/100,000)	▲	12.3	22.2	10.9	↑	9.7	15.6	15.0

See the Public Health Dashboard FAQ Document for more information on data methodology.  
Source: 2013 DHHS HIV/STD Surveillance Report  
Rates are per 100,000 unless otherwise noted

# Substance Abuse and Mental Health

Orange County, NC  
2015 Population Health Dashboards

## Summary:

Behaviors associated with substance use show a decline in adolescent alcohol and tobacco use, where as adults show increases in these same behaviors. Indicators for the prevalence of smokers have increased in particular. Alcohol related vehicle crashes make up a greater percentage of crashes in Orange County than our peers or the state. Alzheimer's disease Mortality and ED visits are increasing compared to previous years and compared to our peers; however, Orange County performs better than the state on both of these indicators.

- Performing better than four or more benchmarks
- ▲ Performing better than two or three benchmarks
- ◆ Performing better than one or no benchmarks
- ↑↓ Positive trend
- ↑↓ Negative trend

Benchmarks include Target, Previous, Peer, NC, and US

Alcohol	Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC
% Adults who Drink Excessively	<span style="color: red;">◆</span>	22.8%	24.4%	20.7%	↑	18.0%	15.2%	24.6%
% High schoolers using alcohol products	<span style="color: green;">●</span>	32.0%	26.0%	35.0%	↓	35.0%	34.0%	38.0%
% Crashes that are Alcohol Related	<span style="color: red;">◆</span>	6.4%	4.7%	6.3%	SAME	5.6%	5.3%	9.0%

Illicit Drugs	Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC
% Illicit drug use self-report	<span style="color: red;">◆</span>	9%	7%	7%	↑	8%	9%	9%
% Providers registered in CSRS	NA	22%	#N/A	#N/A	-	53%	27%	#N/A

Tobacco	Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC
% Adult Smokers	<span style="color: orange;">▲</span>	16.8%	12.0%	12.0%	↑	17.0%	20.9%	21.0%
% High schoolers who smoked in past 30 days (CHCCS)	<span style="color: green;">●</span>	9.0%	15.0%	11.0%	↓	17.0%	13.5%	19.5%
Tobacco Use Disorder Crude ED Rate per 10,000 person-yrs	<span style="color: orange;">▲</span>	95.3	#N/A	91.7	↑	404.1	584.6	#N/A

Mental Health and Emergencies	Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC
Avg # Poor Mental Health Days / Month	<span style="color: green;">●</span>	2.5	2.8	2.9	↓	3.3	3.7	#N/A
Suicide Mortality Rate	<span style="color: green;">●</span>	12.2	8.3	12.6	↓	14.2	12.5	13.0
Mental Health Crude ED Rate per 10,000 person-yrs	<span style="color: green;">●</span>	82.1	#N/A	86.2	↓	94	104.6	#N/A
Substance Abuse Crude ED Rate per 10,000 person-yrs	<span style="color: green;">●</span>	121.2	#N/A	121.8	SAME	136	139.4	#N/A

Older Adult Mental Health	Progress	Orange County		Trend		Compare to		
		Icon	Current	Target	Previous	Progress	Peer	NC
% Older Adults with Depression	<span style="color: orange;">▲</span>	14.8%	#N/A	17.0%	↓	10.3%	15.5%	15.5%
Alzheimer's Age-Adj Morality Rate	<span style="color: red;">◆</span>	27.4	#N/A	23.5	↑	13.7	28.9	24.7
Alzheimer's Crude ED Rate per 10,000 person-yrs	<span style="color: orange;">▲</span>	10.6	#N/A	7.5	↑	6.9	16.6	#N/A

Data points are the most current measures from multiple sources (available on request).  
See the Public Health Dashboard FAQ Document for more information on data methodology.  
Sources: BRFSS, YRBS, DHHS/Highway Research Center, NC DETECT  
Rates are per 100,000 unless otherwise noted

# Tobacco and Respiratory Diseases

Orange County, NC  
2015 Population Health Dashboards

## Summary:

Smoking prevalence in Orange County is lower than peers, NC, and the US. However, indicators are needed at the county level to examine trends in emerging tobacco products such as e-cigarettes. There currently is no local measure to capture the use of these products by youth; however, North Carolina youth showed an uptick in tobacco use from **25.8%** in 2011 to **29.7% in 2013**, in part due to these emerging products.

Exposure to secondhand smoke is higher than targets established by the Healthy NC 2020 objectives, but trending in a positive direction. While Orange County rates for emergency department visits related to asthma are lower than peers, NC, and the US, they have increased compared to previous years. Lung cancer mortality is better than all benchmarks, but there is a higher rate of lung cancer in Orange County than the US as a whole.

-  Performing better than four or more benchmarks
  -  Performing better than two or three benchmarks
  -  Performing better than one or no benchmarks
- Benchmarks include Target, Previous, Peer, NC, and US*
-   Positive trend
  -   Negative trend

Behaviors	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% Adult Smokers		16.8%	13.0%	12.0%	SAME	17.0%	20.9%	21.0%
% High schoolers who smoked in past 30 days (CHCCS)		9.0%	16.0%	11.0%		17.0%	13.5%	19.5%
Tobacco Use Disorder Crude ED Rate per 10,000 person-yrs		95.3	#N/A	91.7		404.1	584.6	#N/A

Policies	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% Exposed to Secondhand Smoke at Work		6.4%	0.0%	8.0%		3.0%	8.6%	#N/A

Asthma and Respiratory Disease	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% Asthma Current Diagnosis		9.2%	#N/A	11.6%	SAME	14.2%	8.8%	7.3%
Asthma Crude ED Rate per 10,000 person-yrs		37.8	#N/A	36.8		60.7	93.8	69.7
Hospital Discharge Rate for Asthma		45.6	#N/A	#N/A	-	79.3	91.6	143.0
Hospital Discharge Rate for Asthma, Age 0-14		76.0	#N/A	#N/A	-	113.8	148.9	#N/A
Chronic Lower Respiratory Disease Mortality		26.2	#N/A	28.4		42.9	46.1	42.1

Lung Cancer (Rate/100,000)	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
Lung Cancer Incidence Rate		59.1	#N/A	59.7		67.3	71.9	58.7
Lung Cancer Mortality Rate		42.3	45.5	43.4		49.6	51.8	47.2

*Data points are the most current measures from multiple sources (available on request).  
See the Public Health Dashboard FAQ Document for more information on data methodology.  
Sources: BRFSS, YRBS, NC DETECT, NC SCHS  
Rates are per 100,000 unless otherwise noted*