

Chronic Disease

Summary: Orange County performs well on most chronic disease indicators compared to NC, the US, peers, and available target values. However, **prevalence of chronic diseases**, such as cardiovascular disease and diabetes **has increased in the last decade**. While death rates appear to be stable for deaths due to diseases of the heart from 2013-2015, the **death rate due to diabetes has increased from 11.4 deaths per 100,000 people in 2013 to nearly 15 deaths per 100,000 people in 2015**. Breast cancer mortality has been on a declining trend from 2013-2015; however, **breast cancer incidence has been steadily rising from around 160 new cases/100k in 2013-2014, to 180 new cases/100k in 2015**. Lung cancer and prostate cancer incidence rates have also been declining during this time period, while mortality for each remains the same.

- 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
 - No trend
 - Significant change from previous that is positive, negative, or indeterminable (grey)
- Benchmarks include Target, Previous, Peer, NC, and US
- Trend cannot be assessed

Cancer	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
Cancer Incidence Rate	▲	451	NA	459	SAME	426	467	449
Cancer Mortality Rate	●	152	161	159	SAME	156	169	169
Female Breast Cancer Incidence Rate	◆	180	NA	158	↑	131	157	125
Female Breast Cancer Mortality Rate	▲	20.0	20.7	22.1	↓	17.5	21.3	21.5
Lung Cancer Incidence Rate	●	55.0	NA	56.9	SAME	64.4	67.4	57.3
Lung Cancer Mortality Rate	●	41.9	45.5	43.9	SAME	43.7	49	46
Colorectal Cancer Incidence Rate	▲	33.3	NA	34.3	SAME	29.1	36.6	41
Colorectal Cancer Mortality Rate	●	9.9	10.1	10.9	↓	10.3	14	15.1
Prostate Cancer Incidence Rate	▲	96	NA	125	↓	84	116	129
Prostate Cancer Mortality Rate	●	16.9	21.8	17.7	SAME	18.6	20.7	20.7

Diseases of the Heart	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
Cardiovascular Disease Prevalence	▲	8%	NA	8%	-	7%	9%	27%
Diseases of the Heart Mortality Rate	●	117	103	118	SAME	144	164	167

Stroke	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
Stroke Mortality Rate	●	32.5	34.8	34.1	SAME	39.9	43.1	36.5

Diabetes	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
Adult Diabetes Prevalence*	●	7%	9%	7%	-	9%	11%	9%
Diabetes Mortality Rate	▲	14.8	NA	13	↑	16.7	22.8	20.9

Clinical Preventative Services	Progress Icon	Orange County		Trend		Compare to		
		Current	Target	Previous	Progress	Peer	NC	US
% Colorectal Cancer Screening*	◆	61%	71%	61%	-	71%	68%	65%
% Women who received Mamogram (50+)*	▲	81%	81%	81%	-	80%	82%	80%

Data Notes: *Due to changes in survey methodology and overlapping confidence intervals, **BRFSS** data cannot be compared to previous years. **ED Rates** are also currently not comparable from year to year as EHR records are still stabilizing. **Other Rates** are per 100,000 unless otherwise noted. See the **Public Health Dashboard FAQ Document** for full data methodology.

Sources: NC SCHS (2014-15), BRFSS (2011), SEER (2013-14)
Data points are the most current measures from multiple sources (available on request).