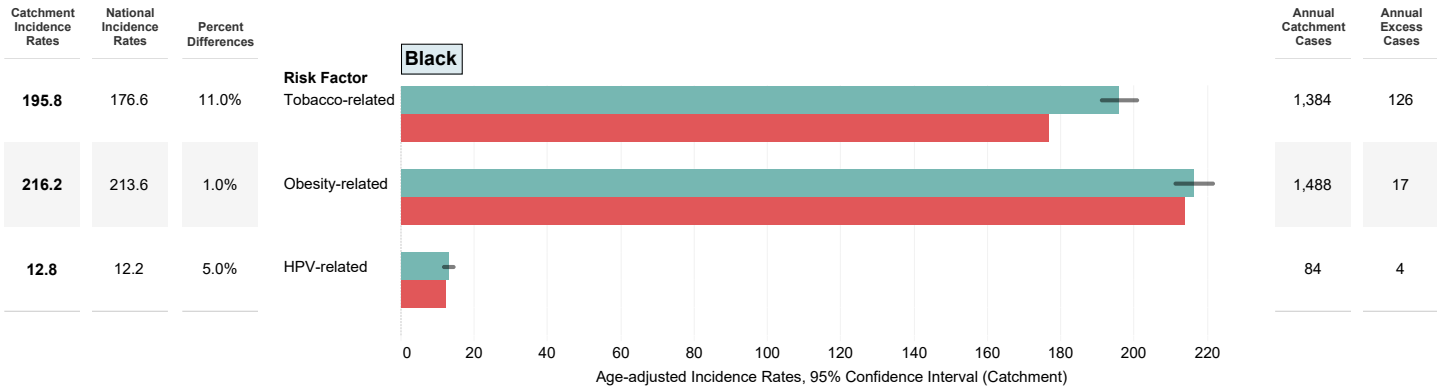
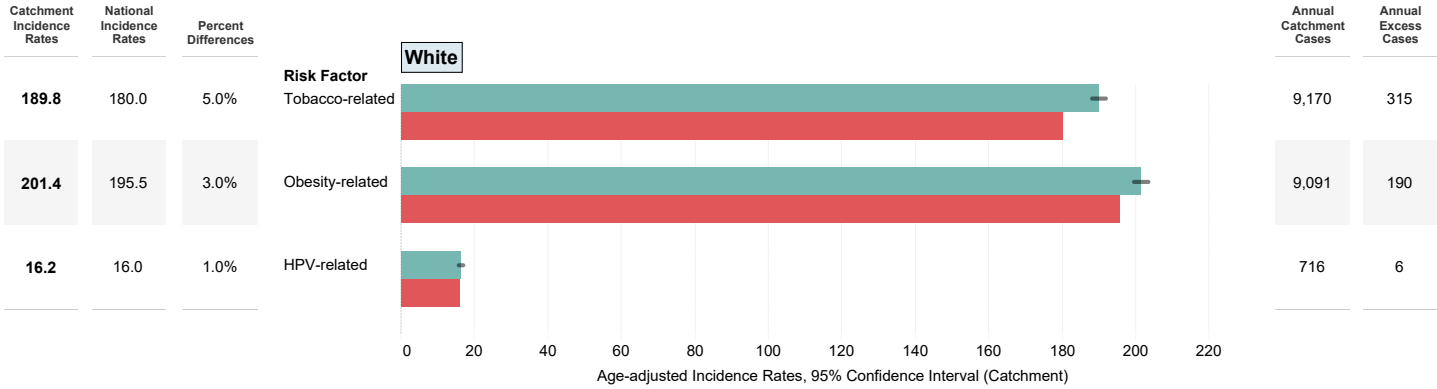
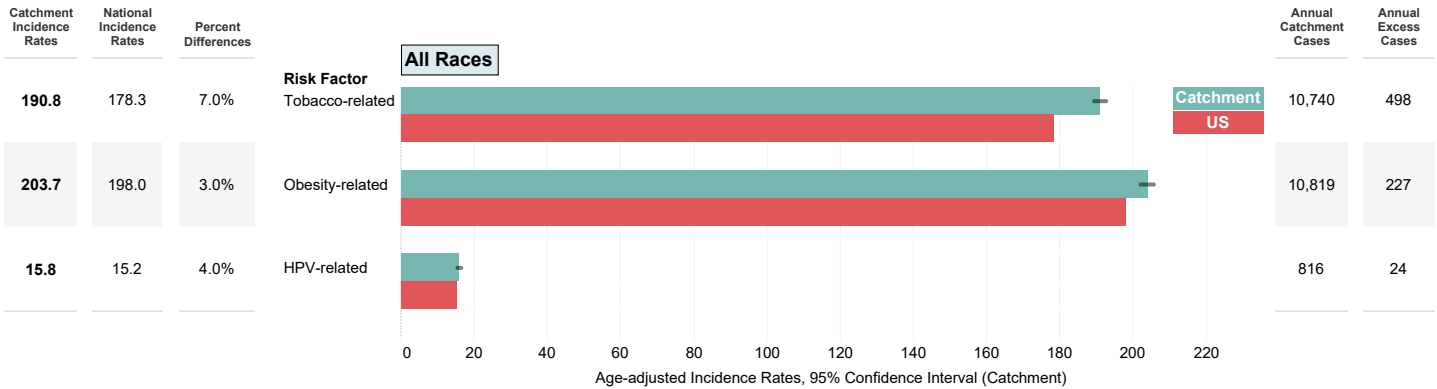


## Comparison of Catchment Area and US Average Annual Age-adjusted Incidence Rates by Risk Factor Categories: Tobacco, Obesity, and HPV, 2018-2022



**Notes:**

1. Race categories (All Races, White, Black) are presented inclusive of all ethnicities.
2. Confidence intervals are displayed only for catchment rates. U.S. rates reflect population-level estimates.
3. Incidence rates are expressed as age-adjusted cases per 100,000 population.
4. Excess cases (per year) are estimated by multiplying the population of the catchment area by the difference in incidence rates between the catchment area and the US.
5. The catchment area includes 15 counties in Northeast Ohio: Ashland, Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Mahoning, Medina, Portage, Stark, Summit, Trumbull, and Wayne Counties.
6. Tobacco related cancers (AML, Bladder, Colon and Rectum, Esophagus, Kidney and renal pelvis, Larynx, Liver & Intrahepatic Bile Duct, Lung and Bronchus, Trachea, Oral, Oropharynx/Nasopharynx, Pancreas, Stomach).

Accessed at [www.cdc.gov/tobacco/campaign/tips/diseases/cancer.html](http://www.cdc.gov/tobacco/campaign/tips/diseases/cancer.html)

7. Obesity related cancers (Esophagus (adenocarcinoma), Breast, Colon and rectum, Uterus, Gallbladder, Stomach, Kidney and renal pelvis, Liver, Ovarian, Pancreas, Thyroid, Multiple myeloma).

Accessed at [www.cdc.gov/cancer/risk-factors/obesity.html](http://www.cdc.gov/cancer/risk-factors/obesity.html)

8. HPV related cancers (Cervix, Vagina, Vulva, Penis, Anus, Oropharynx, Tongue, Tonsils). Accessed at [www.cdc.gov/hpv/about/cancers-caused-by-hpv.html](http://www.cdc.gov/hpv/about/cancers-caused-by-hpv.html)

**Sources:**

1. Catchment area data: Ohio Cancer Incidence Surveillance System (OCISS), Ohio Department of Health (ODH), a cancer registry partially supported by the National Program of Cancer Registries at the Centers for Disease Control and Prevention (CDC) through Cooperative Agreement Number NU58DP007097. Use of these data does not imply that ODH or CDC agrees or disagrees with the analyses, interpretations, or conclusions in this report.
2. US data: National Program of Cancer Registries and Surveillance, Epidemiology and End Results Program SEER\*Stat Database: NPCR and SEER Incidence - U.S. Cancer Statistics Public Use Research Database, 2024 Submission (2001-2022). United States Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute. Released June 2025. Accessed at [www.cdc.gov/cancer/uscs/public-use](http://www.cdc.gov/cancer/uscs/public-use).