

# Neighbors of Warehouses

## North Carolina

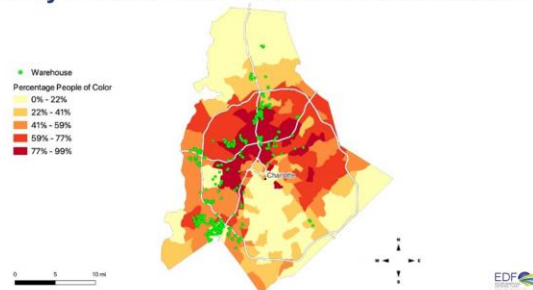
Total Warehouses: 1468

Category	Total population	Comp. to state %	% in warehouse neighbors
All warehouse neighbors	560,000		
Less than 5 years old	40,000	116%	7%
HispLat	75,000	151%	13%
Black	212,000	165%	38%
Asian	23,000	134%	4%
White	305,000	76%	54%
Living in poverty	121,000	131%	22%
Living with asthma	56,000	106%	11%
History of stroke	21,000	110%	4%

Under Construction: 10

Category	Total population	Comp. to state %	% in warehouse neighbors
All warehouse neighbors	4,000		
Less than 5 years old	300	102%	6%
HispLat	700	177%	16%
Black	1,400	147%	34%
Asian	230	179%	6%
White	2,361	80%	57%

### Mecklenburg County: Percentage People of Color by Census Tract + Identified Warehouses



### Methodology

EDF's Proximity to Environmental Stressors Assessment Tool is GIS application that applies aerial apportionment to estimate the characteristics of populations living near specific facilities or other pollution sources, using the [U.S. Census Bureau's American Community Survey](#), 5-year estimates, at the census tract level. Commonly used in peer-reviewed studies, the areal apportionment method assumes populations are evenly distributed across a given census tract, which imperfectly approximates the real spatial distribution of communities and introduces increasing uncertainty at higher resolutions and for larger tracts (e.g. rural areas). While using smaller geographies would reduce apportionment-related uncertainty, US Census block groups and blocks carry higher margins of error than tracts due to smaller sampling sizes. The tool's tract-level analysis is aimed at achieving the best trade-off to minimize each potential source of uncertainty. Additionally, the tool removes waterbodies using the 2015 Census Areal Hydrography National Geodatabase before making apportionment calculations. Health data comes from the [Centers for Disease Control and Prevention's Places](#) dataset. Warehouse locations come from a commercial dataset, as of February 2022.

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