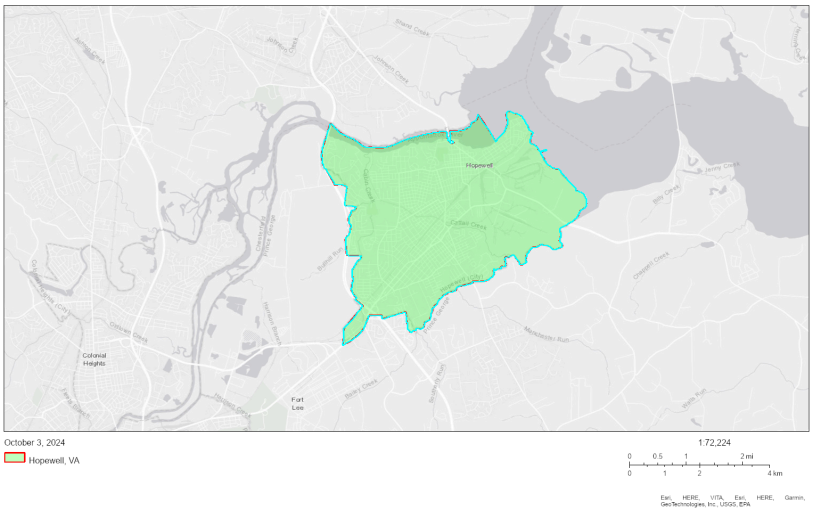
ATTACHMENT 2

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Hopewell, VA

City: Hopewell
Population: 23,046
Area in square miles: 10.83



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	94%
Spanish	4%
Tagalog (including Filipino)	1%
Total Non-English	6%

COMMUNITY INFORMATION

- Low income: 48 percent
- People of color: 57 percent
- Less than high school education: 13 percent
- Limited English households: 0 percent
- Unemployment: 9 percent
- Persons with disabilities: 16 percent
- Male: 47 percent
- Female: 53 percent
- 73 years — Average life expectancy
- N/A — Per capita income
- Number of households: 9,348
- Owner occupied: 54 percent

BREAKDOWN BY RACE

- White: 43%
- Black: 42%
- American Indian: 0%
- Asian: 1%
- Hawaiian/Pacific Islander: 0%
- Other race: 0%
- Two or more races: 6%
- Hispanic: 9%

BREAKDOWN BY AGE

From Ages 1 to 4	7%
From Ages 1 to 18	26%
From Ages 18 and up	74%
From Ages 65 and up	15%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	16%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	84%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

Report for City: Hopewell

Report produced October 3, 2024 using EJScreen Version 2.3

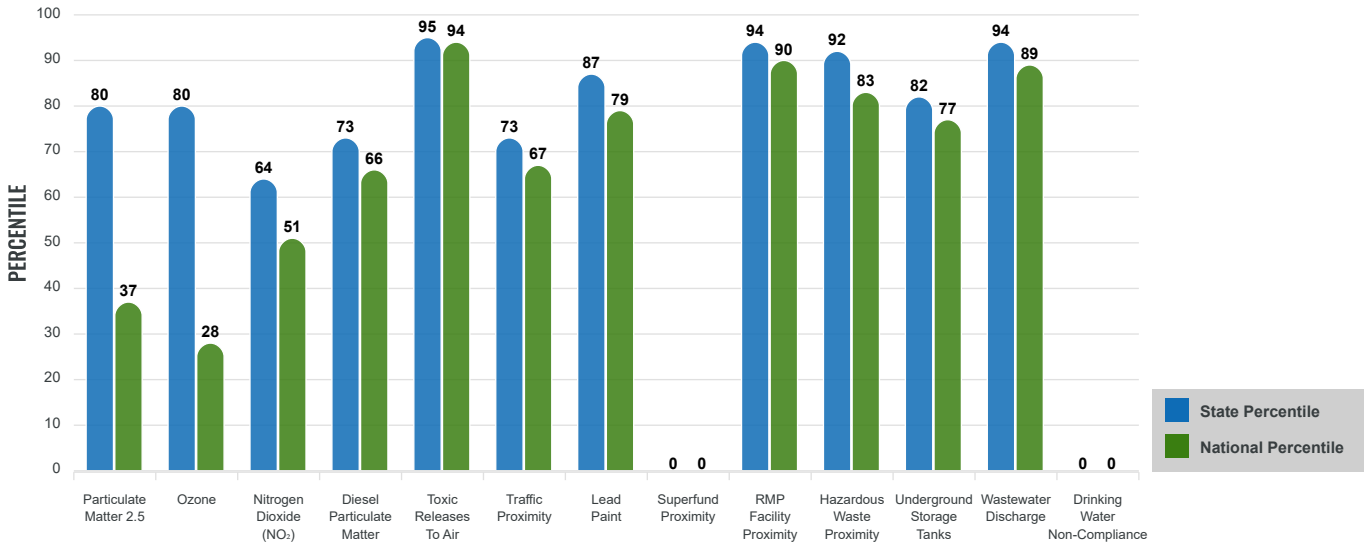
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

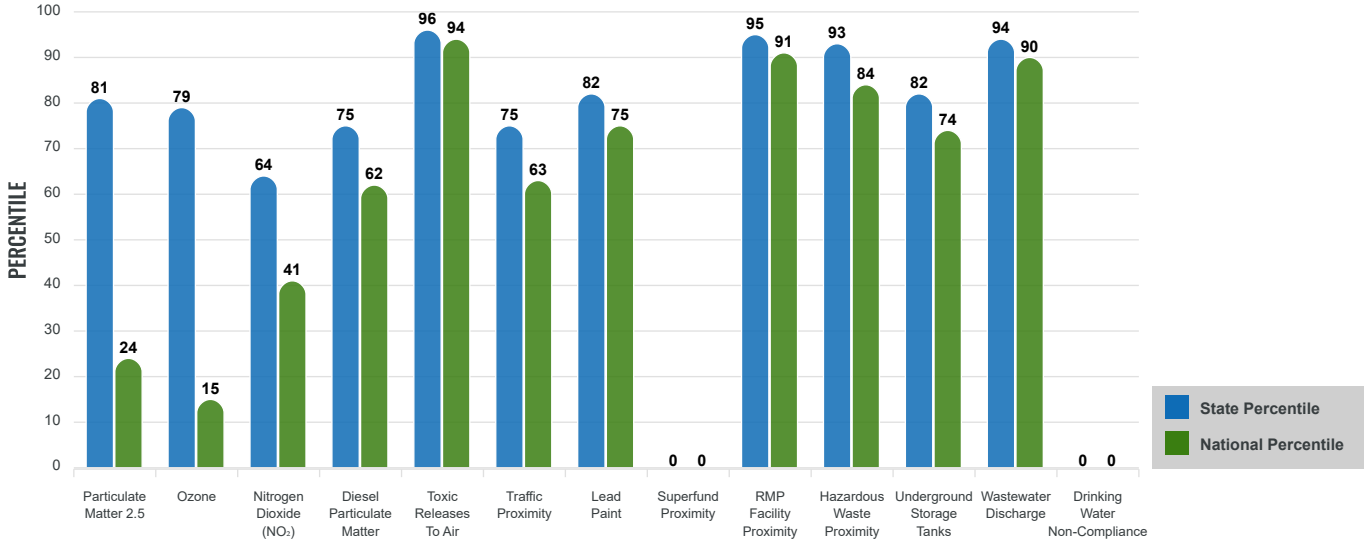
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for City: Hopewell

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EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 ($\mu g/m^3$)	6.86	6.83	50	8.45	16
Ozone (ppb)	52.8	53.8	50	61.8	10
Nitrogen Dioxide (NO_2) (ppbv)	5.2	6.3	35	7.8	25
Diesel Particulate Matter ($\mu g/m^3$)	0.134	0.153	46	0.191	41
Toxic Releases to Air (toxicity-weighted concentration)	190,000	4,300	99	4,600	99
Traffic Proximity (daily traffic count/distance to road)	600,000	1,100,000	47	1,700,000	43
Lead Paint (% Pre-1960 Housing)	0.35	0.22	76	0.3	62
Superfund Proximity (site count/km distance)	0	0.26	0	0.39	0
RMP Facility Proximity (facility count/km distance)	2	0.24	99	0.57	94
Hazardous Waste Proximity (facility count/km distance)	3.4	1.3	89	3.5	70
Underground Storage Tanks (count/km^2)	2.1	1.9	67	3.6	64
Wastewater Discharge (toxicity-weighted concentration/m distance)	3800	90000	83	700000	83
Drinking Water Non-Compliance (points)	0	0.27	0	2.2	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	2.03	N/A	N/A	1.34	78
Supplemental Demographic Index USA	2.09	N/A	N/A	1.64	77
Demographic Index State	2.31	1.36	86	N/A	N/A
Supplemental Demographic Index State	1.97	1.37	82	N/A	N/A
People of Color	57%	38%	75	40%	70
Low Income	48%	25%	86	30%	79
Unemployment Rate	8%	5%	81	6%	75
Limited English Speaking Households	0%	2%	63	5%	57
Less Than High School Education	13%	9%	73	11%	68
Under Age 5	7%	5%	71	5%	71
Over Age 64	15%	17%	46	18%	44

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund 0
Hazardous Waste, Treatment, Storage, and Disposal Facilities 4
Water Dischargers 34
Air Pollution 29
Brownfields 14
Toxic Release Inventory 17

Other community features within defined area:

Schools 7
Hospitals 4
Places of Worship 35

Other environmental data:

Air Non-attainment ..... Yes
Impaired Waters ..... Yes

Selected location contains American Indian Reservation Lands* ..... No
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for City: Hopewell

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EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	25%	20%	89	20%	89
Heart Disease	7.1	5.1	84	5.8	78
Asthma	12.3	10.6	90	10.3	90
Cancer	6.8	6.3	55	6.4	55
Persons with Disabilities	16.4%	13%	75	13.7%	71

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	5%	9%	50	12%	44
Wildfire Risk	0%	2%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	14%	12%	65	13%	64
Lack of Health Insurance	7%	8%	54	9%	51
Housing Burden	Yes	N/A	N/A	N/A	N/A
Transportation Access Burden	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

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