LINCOLN TRAIL DISTRICT HEALTH DEPARTMENT

Good Health & A Safe Environment

# Nelson County

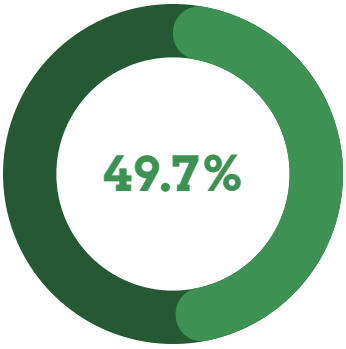
2022-2026 Quantitative Findings

**www.ltdhd.org**

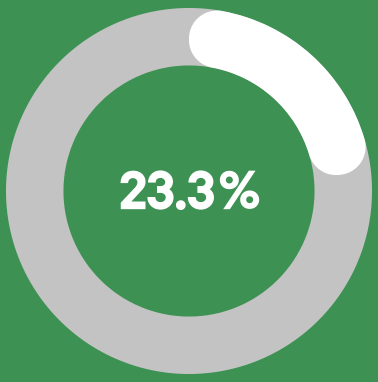
# Nelson County Demographics

**46,440** **People** in Nelson County, KY

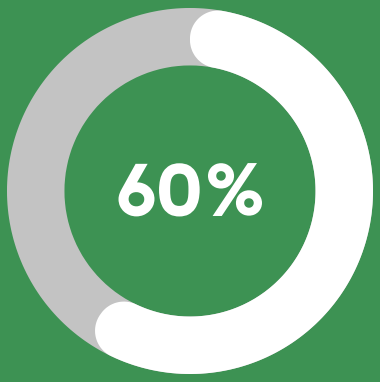
of Nelson County's population is **female**.



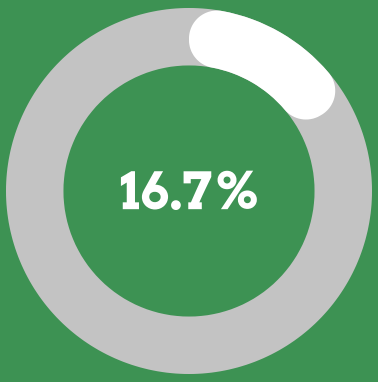

of Nelson County's population is **male**.




of Nelson County's population is **below 18 years of age**.




of Nelson County's population is **between the ages of 18 and 64 years**.




of Nelson County's population is **aged 65 and older**.

**90%**

of Nelson County's population is **non-Hispanic White**.

**4.9%**

of Nelson County's population is **non-Hispanic Black**.

**2.4%**

of Nelson County's population is **Hispanic**.

**0.6%**

of Nelson County's population is **Asian**.

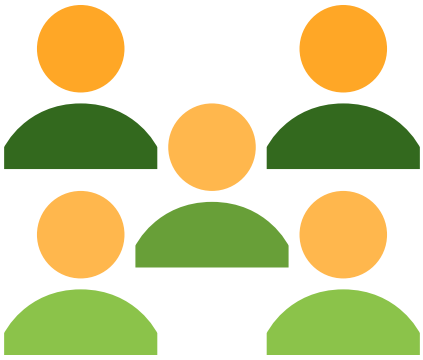
**0.2%**

of Nelson County's population is **American Indian or Alaska Native**.

**0.1%**

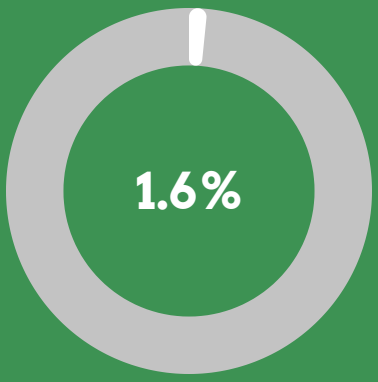
of Nelson County's population is **Native Hawaiian or Other Pacific Islander**.

# Nelson County Demographics

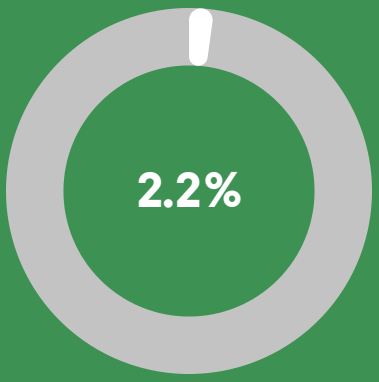


of Nelson County's population are **veterans**.

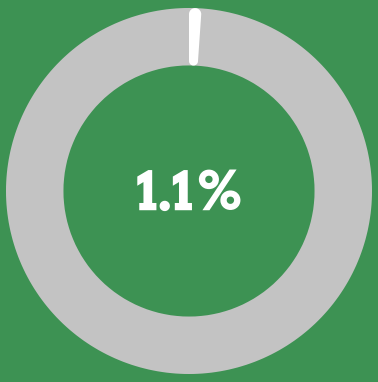
of Nelson County's population **lives with a disability.**



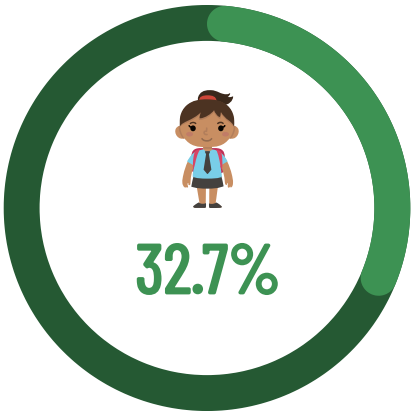

of Nelson County's population is **foreign born**.



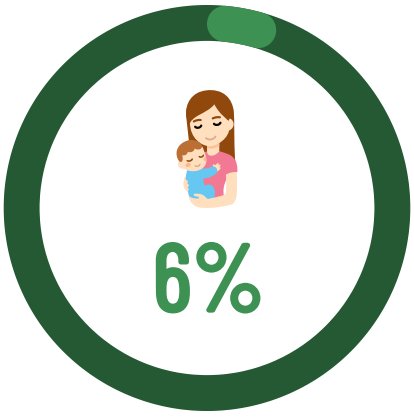

of Nelson County's population **speak a language other than English.**



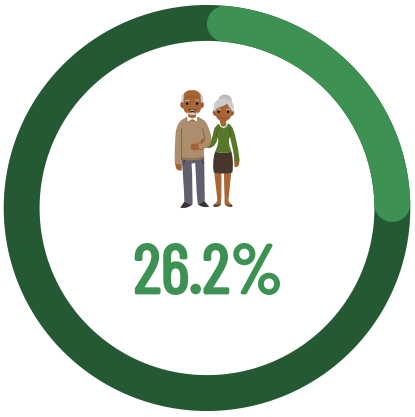

of Nelson County's population **has limited English proficiency**.




of Nelson County households **have one or more people under 18**.




of Nelson County households are **single parent households.**




**A grandparent is responsible for caring for grandchildren** in 26.2% of Nelson County households.

# Social Determinants of Health

| the CHA Metrics | Nelson County (Baseline) | Nelson County (Latest) | Kentucky | United States |
|---|---|---|---|---|
| High School Grad or Higher (rate per population 25 years and older) | 89.0% | 92.1% | 87.7% | 88.9% |
| Bachelor's Degree or Higher (rate per population 25 years and older) | 17.2% | 20.8% | 25.7% | 33.7% |
| Preschool Enrollment (percentage of the population aged 3 to 4 years enrolled in preschool) | 48.3% | 68.5% | 39.5% | 45.9% |
| Limited Access to Healthy Food (percentage of the population who are low-income and do not live close to a grocery store.) | 4.0% | 1.3% | 6.4% | 6.1% |
| Households Receiving SNAP (percentage of total households) | 14.5% | 9.1% | 12.7% | 11.4% |
| Students Receiving Free Lunch (percentage of children enrolled in public schools that are eligible for free or reduced-price lunch.) | 56.8% | 48.4% | 56.2% | 53.1% |
| WIC- Authorized Stores (rate per 1,000 population) | 0.11 | 0.11 | 0.17 | 0.14 |
| Walkability Index (Higher values, those closer to 20, are areas with a high level of walkability, while low values, those closer to 1, are less walkable areas) | 5.5 | 5.4 | 7.2 | 9.6 |
| Violent Crime Rate (rate per 100,000 population) | 603.9 | 643.8 | 1,224.19 | 398.5 |
| Households Without an Internet Subscription | 24.3% | 12.7% | 16.1% | 12.8% |
| Mental Health Provider Ratio (ratio of population to mental health providers) | 735:1 | 683:1 | 365:1 | 338:1 |
| PCP Ratio (ratio of population to primary care physicians) | 1,962:1 | 1,787:1 | 1,551:1 | 1,309:1 |
| Preventable Hospital Stays (rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees) | 3,266 | 2,897 | 3,727 | 2,809 |
| Uninsured Population (percentage of civilian noninstitutionalized population) | 6.0% | 5.7% | 5.8% | 8.8% |

# Social Determinants of Health

| CHA Metrics | Nelson County (Baseline) | Nelson County (Latest) | Kentucky | United States |
|---|---|---|---|---|
| Respiratory Hazard Index | — | 8 | 18 | — |
| Air Toxics Cancer Risk | — | 12 | 20 | — |
| Average Unemployment Rate (percentage of civilian labor force) | 7.1% | 3.8% | 5.3% | 5.5% |
| Gini Index of Income Inequality | 0.4542 | 0.4350 | 0.4764 | 0.4818 |
| GRAPI 30%+ of Income (percentage of occupied units paying rent) | 46.3% | 41.4% | 43.5% | 49.4% |
| Homeownership Rate (percentage of occupied housing units) | 76.4% | 77.4% | 67.8% | 64.6% |
| Median Household Income (dollars) | $51,408 | $64,354 | $55,454 | $69,021 |
| Median Housing Value (per owner-occupied units) | $139,000 | $169,500 | $155,100 | $244,900 |
| Median Rent Value (per occupied units paying rent) | $677 | $844 | $826 | $1,163 |
| Poverty Rates | 13.9% | 8.1% | 16.3% | 12.6% |
| SMOCAPI with Mortgage 30%+ (percentage of housing units with a mortgage) | 24.4% | 21.1% | 21.8% | 27.2% |
| Students Living in Poverty (under 18 years) | 19.3% | 9.1% | 21.4% | 17.0% |
| Working Full-time, Year-round in the Past 12 Months, Still in Poverty (percentage of population 16 years and over) | 3.0% | 2.0% | 7.0% | 5.7% |

| Health Behaviors | | | | |
|---|---|---|---|---|
| **CHA Metrics** | **Nelson County (Baseline)** | **Nelson County (Latest)** | **Kentucky** | **United States** |
| Not Physically Active Adults (percentage of adults aged 18 and older reporting no leisure-time physical activity (age-adjusted)) | 26.7% | 27.3% | 29.3% | 22.0% |
| Adult Smoking (percentage of adults who are current smokers (age-adjusted) | 21.5% | 19.5% | 22.8% | 14.3% |
| Binge Drinking (percentage of adults reporting binge or heavy drinking (age-adjusted)) | 13.9% | 15.6% | 15.7% | 15.5% |
| Child Abuse (percentage of children aged 17 and under) | 1.6% | 0.6% | 1.5% | 0.8% |
| Drug Arrests (rate per 100,000 population) | 2,203.9 | 1,190.8 | 1,466.4 | 465.0 |
| Ever Tested for HIV (percentage of adults under age 65) | — | 28.0% | 34.9% | 43.0% |
| Prenatal Care (percentage of births with adequate prenatal care) | 73.3% | 74.5% | 79.4% | 75.6% |
| Doctor Checkups in the Past Year (percentage of adults) | 75.9% | 75.2% | 76.3% | 74.7% |

| Health Outcomes | | | | |
|---|---|---|---|---|
| **CHA Metrics** | **Nelson County (Baseline)** | **Nelson County (Latest)** | **Kentucky** | **United States** |
| Life Expectancy | 76.0 | 76.0 | 75.1 | 78.5 |
| Mentally Unhealthy Days (average number of mentally unhealthy days reported in past 30 days (age-adjusted)) | 5.4 | 5.5 | 5.1 | 4.4 |
| Physically Unhealthy Days (average number of physically unhealthy days reported in past 30 days (age-adjusted)) | 4.8 | 4.5 | 5.1 | 3.0 |
| Obesity (percentage of adults aged 18 and older that report a BMI ≥30 kg/m2 (age-adjusted)) | 35.2% | 37.5% | 37.0% | 32.0% |
| Low Birth Weight (Percentage of live births with low birthweight (< 2,500 grams)) | 8.7% | 7.5% | 8.8% | 8.2% |
| Preterm Births (percentage of births (<37 weeks)) | 10.7% | 11.6% | 12.0% | 10.5% |
| Teen Pregnancy (Number of births per 1,000 female population) | 34.9 | 25.3 | 29.1 | 19.3 |
| Chlamydia (rate per 100,000 population) | 452.0 | 301.5 | 410.3 | 495.5 |
| Gonorrhea (rate per 100,000 population) | 115.2 | 131.4 | 182.3 | 214.0 |
| Syphilis (rate per 100,000 population) | 6.6 | 8.6 | 34.6 | 53.2 |

| Causes of Death | | | | |
|---|---|---|---|---|
| **CHA Metrics** | **Nelson County (Baseline)** | **Nelson County (Latest)** | **Kentucky** | **United States** |
| Accidental Deaths (per 100,000 population) | 52.7 | 73.8 | 73.3 | 50.4 |
| Drug Overdose Death Rate (rate per 100,000 population (age-adjusted)) | 13.0 | 34.9 | 39.0 | 23.6 |
| Car Crash Fatalities (rate per 100,000 population) | 29.0 | 17.2 | 17.2 | 12.9 |
| Cerebrovascular Deaths (age-adjusted rate per 100,000 population) | 47.7 | 42.4 | 41.3 | 37.6 |
| Chronic Lower Respiratory Deaths (age-adjusted rate per 100,000 population) | 59.2 | 69.2 | 62.2 | 39.1 |
| Coronary Heart Disease Deaths (age-adjusted rate per 100,000 population) | 177.8 | 181.6 | 199.6 | 164.8 |
| Infant Mortality (number of infant deaths (within one year) per 1,000 live births.) | Suppressed | Suppressed | 5.7 | 6.3 |
| Malignant Neoplasm Deaths (age-adjusted rate per 100,000 population) | 178.3 | 186.9 | 182.8 | 149.4 |
| Suicide Death Rate (per 100,000 population) | 15.0 | 20.8 | 17.1 | 13.8 |

# Sources

| Source | Link | Metric | Baseline Year | Latest Year |
|---|---|---|---|---|
| BRFSS | mySidewalk | Ever Tested for HIV | | 2018-2020 |
| CDC Places | https://www.cdc.gov/places/ | Doctor Checkup in the Past Year | 2018 | 2020 |
| CDC Places | https://www.cdc.gov/places/ | Adult Smoking | 2018 | 2020 |
| CDC Places | https://www.cdc.gov/places/ | Binge Drinking | 2018 | 2020 |
| CDC Places | https://www.cdc.gov/places/ | Mentally Unhealthy Days | 2017-2019 | 2018-2020 |
| CDC Places | https://www.cdc.gov/places/ | Physically Unhealthy Days | 2017-2019 | 2018-2020 |
| CDC Places | https://www.cdc.gov/places/ | Not Physically Active Adults | 2016 | 2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Accidental deaths | 2011-2015 | 2016-2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Age-Adjusted Drug Overdose Death Rate | 2011-2015 | 2016-2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Cerebrovascular deaths | 2011-2015 | 2016-2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Chronic Lower Respiratory deaths | 2011-2015 | 2016-2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Coronary heart disease deaths | 2011-2015 | 2016-2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Malignant Neoplasm deaths | 2011-2015 | 2016-2020 |
| CDC Wonder | https://wonder.cdc.gov/mcd-icd10.html | Suicide Deaths | 2011-2015 | 2016-2020 |
| EPA | https://www.epa.gov/smartgrowth/smart-location-mapping | Walkability Index | 2012 | 2019 |
| EPA EJSCREEN | https://www.epa.gov/ejscreen/ej-and-supplemental-indexes-ejscreen | Respiratory Hazard Index | | 2021 |
| EPA EJSCREEN | https://www.epa.gov/ejscreen/ej-and-supplemental-indexes-ejscreen | Air Toxics Cancer Risk | | 2021 |
| Kentucky State Police | https://kentuckystatepolice.org/crime-traffic-data/ | Violent Crime Rate | 2016 | 2021 |
| Kentucky State Police | https://kentuckystatepolice.org/crime-traffic-data/ | Car Crash Fatalities | 2016 | 2021 |
| Kentucky State Police | https://kentuckystatepolice.org/crime-traffic-data/ | Drug Arrests | 2016 | 2021 |
| KY DPH NEDSS | Not publicly available | Chlamydia | 2017 | 2021 |
| KY DPH NEDSS | Not publicly available | Gonorrhea | 2017 | 2021 |
| KY DPH NEDSS | Not publicly available | Syphilis Rate | 2017 | 2021 |
| KY Vital Statistics Birth Records | Not publicly available | Prenatal Care | 2012-2016 | 2017-2021 |

| Source | Link | Metric | Baseline Year | Latest Year |
|---|---|---|---|---|
| Kids Count Data Center | https://datacenter.aecf.org/ | Child Abuse | 2016 | 2021 |
| KY Vital Statistics Birth Records | Not publicly available | Preterm Births (<37 weeks) | 2012-2016 | 2017-2021 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Infant Mortality | 2010-2016 | 2014-2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Life Expectancy | 2015-2017 | 2018-2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Obesity | 2016 | 2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Low Birth Weight (<2500 grams) | 2010-2016 | 2014-2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Teen Pregnancy | 2010-2016 | 2014-2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Mental Health Provider Ratio | 2017 | 2022 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | PCP Ratio | 2015 | 2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Preventable Hospital Stays | 2016 | 2020 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Limited access to healthy food | 2015 | 2019 |
| RWJF's County Health Rankings | https://www.countyhealthrankings.org/ | Students eligible for free or reduced-price lunch | 2016-2017 | 2020-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP03 | Average Unemployment Rate | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=gini | Gini Index of Income Inequality | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP04 | GRAPI 30%+ of Income | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP04 | Homeownership Rate | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP03 | Median Household Income | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP04 | Median Housing Value | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP04 | Median Rent Value | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP03 | Poverty Rates | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP04 | SMOCAPI with Mortgage 30%+ | 2012-2016 | 2017-2021 |

| Source | Link | Metric | Baseline Year | Latest Year |
|---|---|---|---|---|
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=poverty | Students Living in Poverty (Under 18 years) | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=poverty | Worked full time, year-round in the past 12 months, still in poverty | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP03 | Uninsured Population | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP03 | Households receiving SNAP | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=internet | Households without an internet subscription | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | High School grad or higher | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | Percent Bachelor's degree or higher | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=S1401 | Preschool Enrollment | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | Foreign Born | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=S1002 | Grandparents responsible for grandchildren | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | Households with one or more people under 18 years | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | Limited English Proficiency | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | People with Disabilities | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP05 | Senior Population | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | Single Mom Families | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=DP02 | Single Parent HH | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=language | Speak a language other than English | 2012-2016 | 2017-2021 |
| US Census ACS 5-Year Estimates | https://data.census.gov/table?q=B21001 | Veteran Population | 2012-2016 | 2017-2021 |
| USDA ERS Food Environment Atlas; KY WIC | https://www.ers.usda.gov/data-products/food-environment-atlas/data-access-and-documentation-downloads/ | WIC-Authorized Stores | 2011 | 2016 |