Fairfax County schools – elementary school, middle school, high school, and special education centers are visualized in this report.

This visualization shows the school locations in Fairfax County with individual zip code areas color-coded to represent the number of schools within each zip code boundary.

![Map

Description automatically generated]()

Figure 1. Fairfax County Schools by Zip Code

The zip codes are color-coded based on the number of schools within the zip code. The lowest values are white (no schools), and the highest values are dark green. Red dots overlayed on the map represent the individual schools. Schools with co-located middle and high schools are represented by two very-closely spaced points, since the location of the schools is separated in space – and in the data file zip code, latitude and longitude.

The data source for school facilities comes from the [Fairfax County Open Data website](https://data-fairfaxcountygis.opendata.arcgis.com/datasets/school-facilities). A coincidence of the data (and selection from the available data) is that the total number of schools (elementary, middle, high, and special ed) is exactly 200 as of November 6th. Other types of school facilities were filtered from the requested data on the website. QGIS reported vector map issues which resulted in four counties being unmapped in the diagram.