

Route Analysis

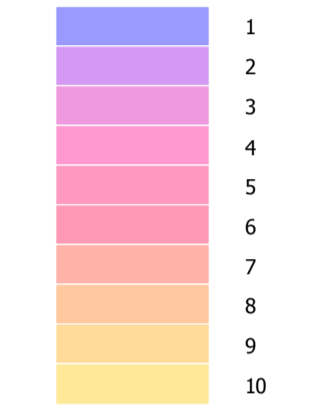
Route 2 Stop

ArcGIS Network Analyst can find the best way to get from one location to another or the best way to visit several locations. The locations can be specified interactively by placing points on the screen, by entering an address, or by using points in an existing feature class or feature layer. The best route can be determined for the order of locations as specified by the user. Alternatively, ArcGIS Network Analyst can determine the best sequence to visit the locations. (ESRI HELP SEARCH: network analysis work flow, adding network locations)

Point	Address	Cumul. Minutes	Cumul. Metres
1	Rice Road	0	0
2	Esso Gas Station, Bridgetown	5.468175617	5.468175617
3	469 Main Street, Lawrencetown	13.51540405	13.51540405
4	Scotbank, Commercial Street, Middleton	21.7340535	21.7340535

Service Area Analysis

Minutes from Fire Station



You can find service areas around any location on a network. A network service area is a region that encompasses all accessible streets (that is, streets that are within a specified impedance). For instance, the 5-minute service area for a point includes all the streets that can be reached within five minutes from that point.

Service areas created by Network Analyst also help evaluate accessibility. Concentric service areas show how accessibility varies with impedance. Once built, you can use service areas to identify how many people, land, or anything else is within the neighborhood. (GEOG 2022 Applied GIS Introduction to Network Analysis)



Roads & Railroads

- Arterial Highway (100 Series)
- Collector Highway (200-300 Series)
- Local Paved
- Local Unpaved
- Seasonal Dry Weather Road
- Cart Track
- Trail
- Abandoned Railroad

Line Features

- Structure, Wall, Dam
- Bridge
- River, Stream, Coastline
- Tree Area, Line, Row or Orchard

Buildings

- Building
- Church
- School

Area Features

- Commercial Area
- Building or Structure
- Campground
- Cemetery
- Cut or Fill
- Dump
- Recreation Area
- Hydrography
- Gravel Pit
- Sewage Treatment Plant
- Swamp



Route Analysis & Service Area Analysis: Annapolis County, Nova Scotia

