

Overview

This analysis evaluates broadband service availability at priority parcels and BEAD Program locations in Cortland County, New York as provided in data files from the county's January 2026 broadband RFP. Broadband Serviceable Locations (BSLs) were spatially matched to parcel boundaries and BEAD point locations, then cross-referenced against National Broadband Map data.

According to our analysis, approximately 93% of locations in Top and Medium priority parcels and 99% in Low Priority parcels have existing access to terrestrial 100/20 Mbps service. In contrast, only 37% of BEAD locations are served.

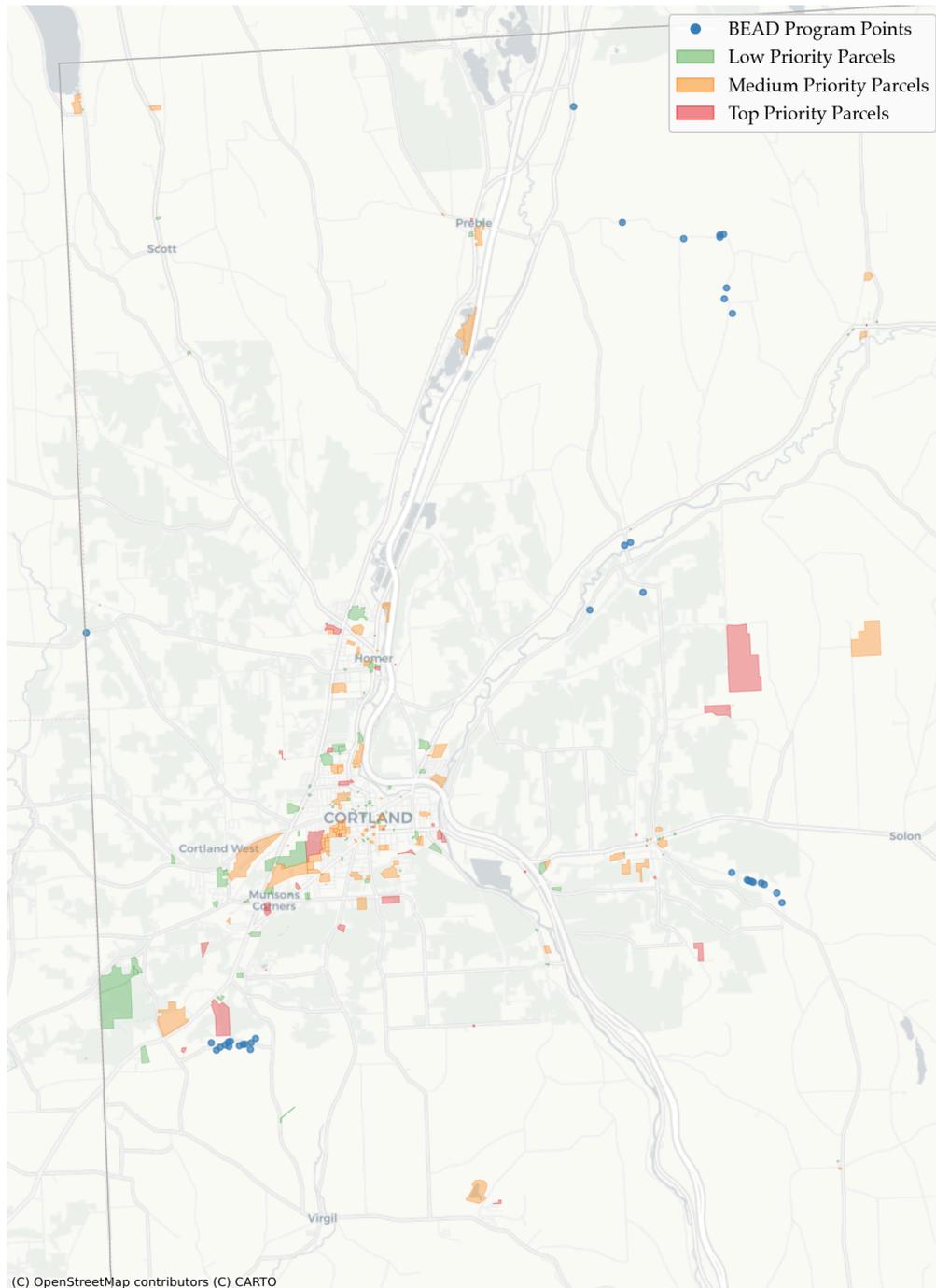


Figure 1. Priority parcels and BEAD Program points in Cortland County.

Coverage Results

Source: FCC Broadband Data Collection, as of 2025-06-30.

Table 1 shows the percentage of BSLs within each parcel tier that have at least one terrestrial provider offering 100/20 Mbps low-latency service.

Table 1. Terrestrial 100/20 Mbps service availability by parcel tier.

Tier	BSLs	Served 100/20	% Served
Top Priority	27	25	92.6%
Medium Priority	70	65	92.9%
Low Priority	86	85	98.8%
BEAD Program Points	35	13	37.1%

Methodology

Parcel boundaries and BEAD point locations were provided as KMZ files by Cortland County as part of RFP 25 - PLN - 001. Each file was read and converted to geospatial polygons or points in WGS84.

Broadband Serviceable Locations were sourced from the Serviceable Location Fabric (Version 7). All active BSLs in Cortland County (FIPS 36023) were loaded with their geographic coordinates – 17,761 locations in total. A spatial join identified BSLs whose coordinates fall within each parcel polygon boundary. For BEAD Program points, which represent individual addresses rather than parcel areas, addresses were matched directly against the Fabric by street address (35 of 36 matched; one address did not match directly to the Fabric).

Coverage was determined using the FCC Broadband Data Collection (as of 2025-06-30). A location is considered “served” if at least one provider offers terrestrial (non-satellite), low-latency service at or above 100 Mbps download and 20 Mbps upload.