

SPEED TESTING OVERVIEW

This document is meant to provide a general overview of the Nebraska Public Service Commission's speed testing requirements. This document does not include detailed information regarding each program. For more information, please consult orders issued in NUSF-133 and in individual programs. Detailed guidance is also available at <https://psc.nebraska.gov/telecommunications/nusf-133-speed-testing>.

Programs Subject to Speed Testing

- Broadband Deployment Support (NUSF-99)
- Ongoing high-cost support (NUSF-108)
- Nebraska Broadband Bridge Program (C-5272, C-5368, C-5484, C-5561)
- Capital Projects Fund (CPF-1, CPF-2)
- PRO-AG Connectivity (C-5529, C-5600)

Required Speeds and Latency

- Speeds must meet the minimum standards which apply to the area tested. Please refer to individual program guidance.
- 80% of tests must achieve 80% of the required speeds.
- **New in 2024:** at least one test per location must meet or exceed 100% of the required speeds.
- **New in 2024:** latency testing is not required for fiber-to-the-premises projects unless requested by the Department
- If latency testing is required, at least 95% of test results must demonstrate 100 milliseconds latency or less
- Detailed guidance by program is available in spreadsheet format at: [Speed Testing Parameters_Table.xlsx](#)

Deadlines

- For ongoing high-cost support:
 - Request to waive speed testing is due by February 28 each year
 - Customer list is due by April 30 annually (if no waiver is granted)
- For project-based grant support:
 - Generally, speed testing must be completed within 30 days of project completion.
 - Additional testing may be required to be performed; see individual program guidelines.

Testing Intervals

- Any six consecutive hours between 7:00 a.m. and 12:00 a.m. Central Time
- Carriers may select the six-hour period to be tested, but must begin and conclude the testing during the allowable testing window.
- A minimum of one download test and one upload test per hour should be performed
- Tests should measure a connection between a specific consumer location and specific remote server location for a duration of at least 10 seconds.
- **New in 2024:** file-based testing may be performed.

SPEED TESTING OVERVIEW

Minimum Required Locations (New in 2024)

Number of locations in funded area	Number of test locations
5 or fewer	All locations in project area
6-50	5
51-500	10, or 10% of the total number of locations, whichever is greater
Over 500	50

Broadband Data Collection

- Carriers are expected to submit to the BDC data which aligns with speed testing required by the Nebraska Public Service Commission
- In the event there is a mismatch between submitted speed data and BDC data, additional testing may be required to be performed.

Contact Information

- NUSF projects: psc.nusf@nebraska.gov
- NBBP, CPF, and PRO-AG projects: psc.broadband@nebraska.gov
- Commission telephone: (402) 471-3101

The Commission reserves the right to seek additional information and/or testing from carriers if testing does not clearly meet the requirements of the applicable program. Waivers of some testing requirements may be granted in certain circumstances. Note that if alternative testing is performed, additional testing may be required in subsequent years.