

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, NUSF-108)
- Ongoing high-cost support (NUSF-139)
- Reverse Auction support (NUSF-131)
- Nebraska Broadband Bridge Program (C-5484, C-5561)
- Capital Projects Fund (CPF-1, CPF-2)
- Precision Ag (PRO-AG) - Connectivity (C-5529)

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.
- At least one test per location must meet or exceed 100% of the required speeds for each speed type, with the exception of 1Gbps/500 Mbps speed tier in Reverse Auction, for which the Department may accept speeds of at least 900 Mbps/450Mbps to satisfy this requirement.
- Latency testing is not required for fiber-to-the-premises projects unless requested by the Department, or required by program rules (such as CPF).
- **New in 2026:** At least fifteen attempts per hour to test latency must be performed. Carriers are no longer required to attempt a test every minute.
- **New in 2026:** If latency testing is required, at least 80% 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)
 - Speed test results are due by July 31st annually
- 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 under program guidelines.

Testing Intervals

- **New in 2026:** Testing may be performed during any six consecutive hours within a day.
- **New in 2026:** All speed test results must be submitted, without deletions, edits, or exclusions.

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- 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 a specific remote server location.
- Test should have a duration of at least 10 seconds or be file-based.

Minimum Required Locations:

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 data to the FCC through the Broadband Data Collection (BDC) process which shows availability that 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 (i.e. – BDC data doesn't show that minimum required speeds are available), additional testing may be required to be performed.

Contact Information

- NUSF projects and ongoing speed testing: 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.