Developed by Metiri Group

How is the school device readiness rating determined?

The school device readiness rating for online assessment is based on; the ratio of the number of devices the school has designated for testing that meet the PARCC minimum requirements for online testing, compared to the minimum number of ready devices required at the LEA/Test site for each of the two assessment sessions per day in order to complete the assessments within 20 days. See Table 1 for the rating scale.

To earn a ready rating (seven or above), the LEA/Test Site must have at least 100% of the minimum devices required.

Table 1: Rating scale for school device readiness for online assessment

Readiness	Rating	Formula* (Ratio = Number of Ready Devices/ Minimum Ready Devices Required)
Ready	9	Ratio >= 120%
Ready	8	110% <= Ratio < 120%
Ready	7	100% <= Ratio < 110%
Not Ready (Mid-range)	6	90% <= Ratio < 100%
Not Ready (Mid-range)	5	80% <= Ratio < 90%
Not Ready (Mid-range)	4	70% <= Ratio < 80%
Not Ready (Low-range)	3	60% <= Ratio < 70%
Not Ready (Low-range)	2	50% <= Ratio < 60%
Not Ready (Low-range)	1	0% < Ratio < 50%
Data Issues	0	0% = Ratio

*PARCC Minimum Specifications

How is the school network readiness rating determined?

The school network readiness rating scale for online assessment (see Table 2) is based on two factors:

- All school testing locations must have sufficient wireless access points (WAPs) to accommodate the location's wireless devices (i.e., WAP ready). If a wireless environment is not being used, then the bandwidth per simultaneous test taker (STT) must meet PARCC specifications (i.e., 50 Kbps/STT for non-caching sites, and 5 Kbps/STT for caching sites). In the chart below, where wireless devices are not used, use the BPSTT values and exclude WAP references.

- The bandwidth per simultaneous test taker (STT) must meet PARCC specifications (i.e., 50 Kbps/STT for non-caching sites, and 5 Kbps/STT for caching sites).

Table 2: Rating scale for school networking readiness ratings for online assessment

Readiness	Rating	Formula for Non-Caching* (PARCC requirement = 50 kbps)	Formula for Caching* (PARCC requirement = 5.0 kbps)
		BPSTT = Internet Bandwidth available (Kbps) per simultaneous test taker.	
Ready	9	If WAP ready and BPSTT >=70	If WAP ready and BPSTT >=7
Ready	8	If WAP ready and (60 <= BPSTT < 70)	If WAP ready and (6 <= BPSTT < 7)
Ready	7	If WAP ready and (50 <= BPSTT < 60)	If WAP ready and (5 <= BPSTT < 6)
Not Ready (Mid-range)	6	If not WAP ready and BPSTT >=50	If not WAP ready and BPSTT >=5
Not Ready (Mid-range)	5	If 45 <= BPSTT < 50	If 4.5 <= BPSTT < 5
Not Ready (Mid-range)	4	If 40 <= BPSTT < 45	If 4 <= BPSTT < 4.5
Not Ready (Low-range)	3	If 35 <= BPSTT < 40	If 3.5 <= BPSTT < 4
Not Ready (Low-range)	2	If 30 <= BPSTT < 35	If 3 <= BPSTT < 3.5
Not Ready (Low-range)	1	If 0 < BPSTT < 30	If 0 < BPSTT < 3
Data Issues	0	If Internet bandwidth or Internet bandwidth utilization is missing, or testing enrollment is missing or zero.	

Note: NJTRAx uses the number of minimum of devices needed as a proxy for the number of simultaneous test takers.
*PARCC Minimum Specifications

How is the school technology readiness rating determined?
The school technology readiness rating is the lesser of the school device and school network ratings.