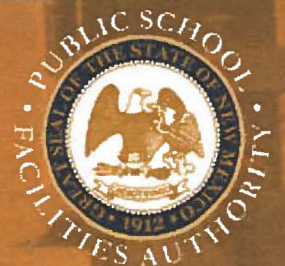# BDCP

BROADBAND DEFICIENCIES CORRECTION PROGRAM

Broadband Program Update
August 20, 2019

*PSFA Presenters:*

Ovidiu Viorica, Senior Technology Projects Manager
Richard Govea, Technology Projects Manager

1

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.

Public School Capital Outlay Funding:
Broadband

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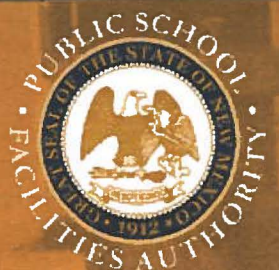01100101 00101110

1 Mbps: Megabit per second
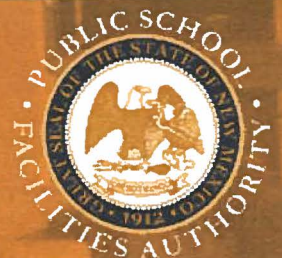
Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

Background and program overview:

SB 159 (2014) - Education Technology Infrastructure
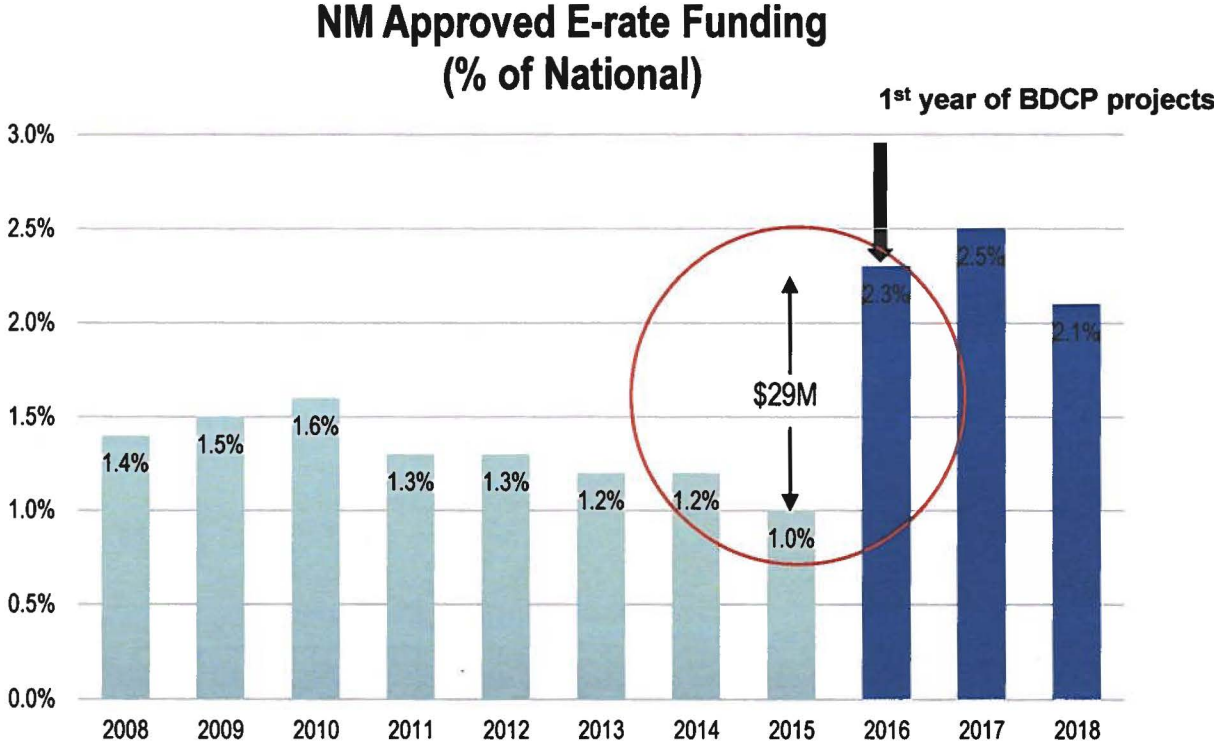
SB 64 (2017) – Public School Capital Outlay Time Periods

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.

Public School Capital Outlay Funding:
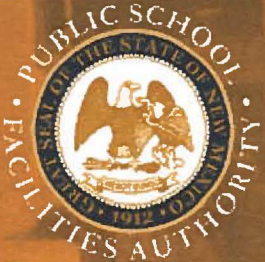## Broadband Deficiencies Correction Program

- Wide Area Network (Cat1 - fiber)

- Network Equipment (Cat2)

- **Support** for broadband infrastructure upgrades:

  - Funding (E-rate + PSCOC funding = 80% to 100%)

  - E-rate (Federal) program - consultant

  - Technical

  - Procurement

  - Project Management
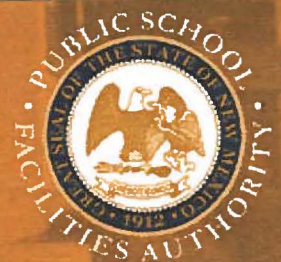
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Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

NM Approved E-rate Funding (% of National)

1st year of BDCP projects

- 2008: 1.4%
- 2009: 1.5%
- 2010: 1.6%
- 2011: 1.3%
- 2012: 1.3%
- 2013: 1.2%
- 2014: 1.2%
- 2015: 1.0%
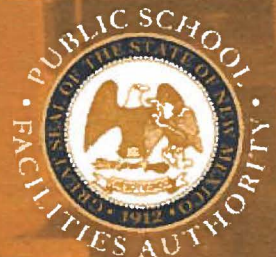- 2016: 2.3%
- 2017: 2.5%
- 2018: 2.1%

$29M

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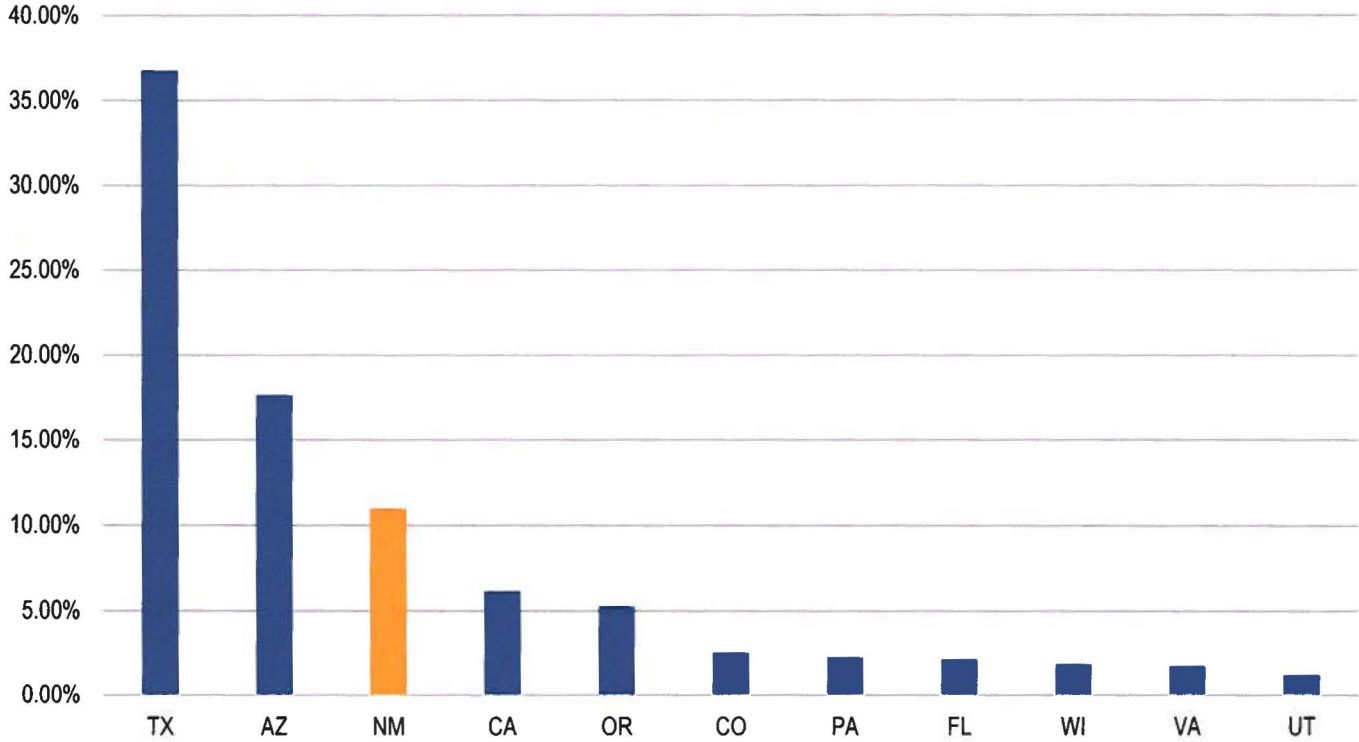
Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

- 130 Projects funded ('16-'18): 80 / 50 closed out

- **$60M Total work**

- **$52.6M E-rate** / $5.6M State (PSCOC) / $1.8M Schools

- 2019: ~50 projects / ~$22.5M

- 2020: Planning & Development

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Public School Capital Outlay Funding:
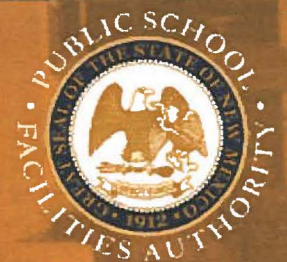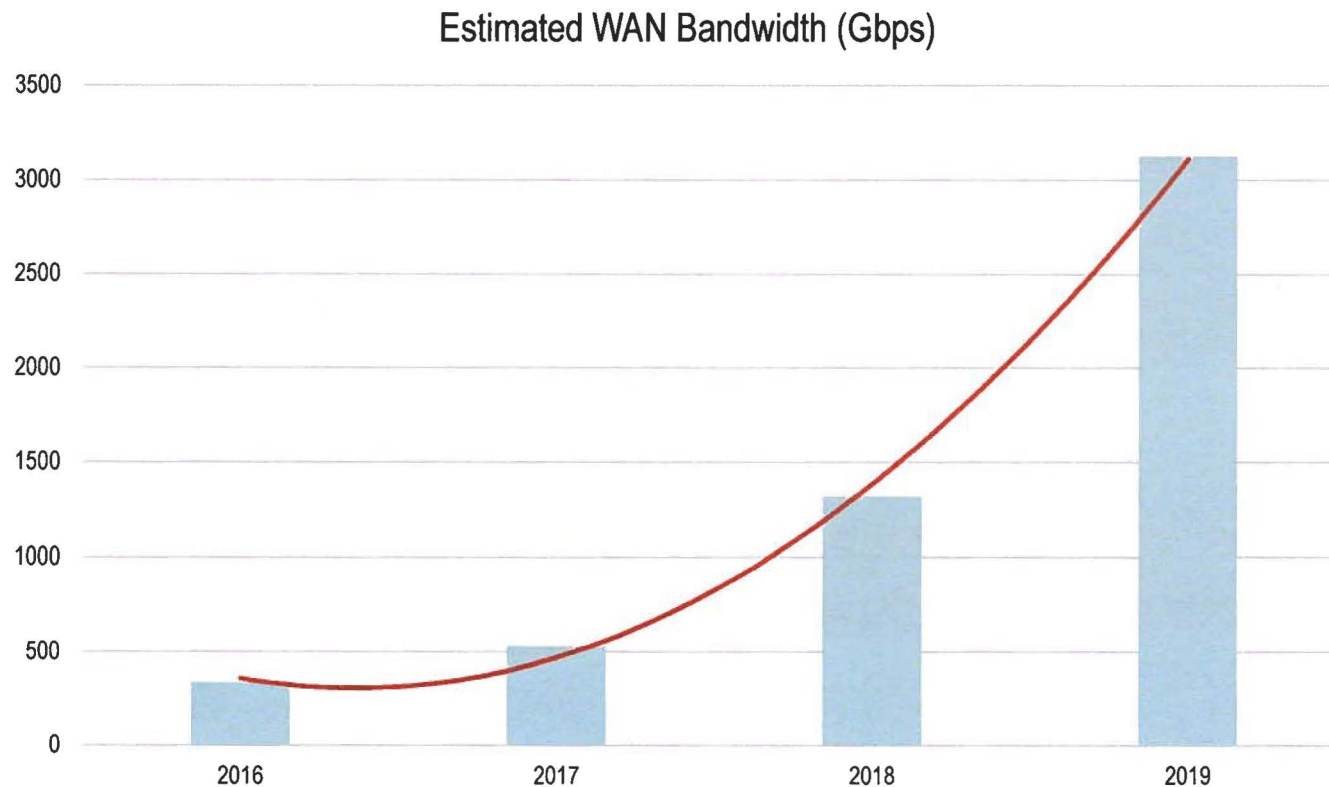## Broadband Deficiencies Correction Program

2016-2018 E-rate Fiber Funding (% of National)

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Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

Estimated WAN Bandwidth (Gbps)

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Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

NM Average Broadband Speed / Student (Kbps)

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Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

Use of E-rate budgets for Network Equipment

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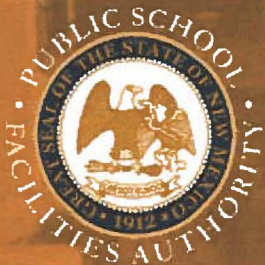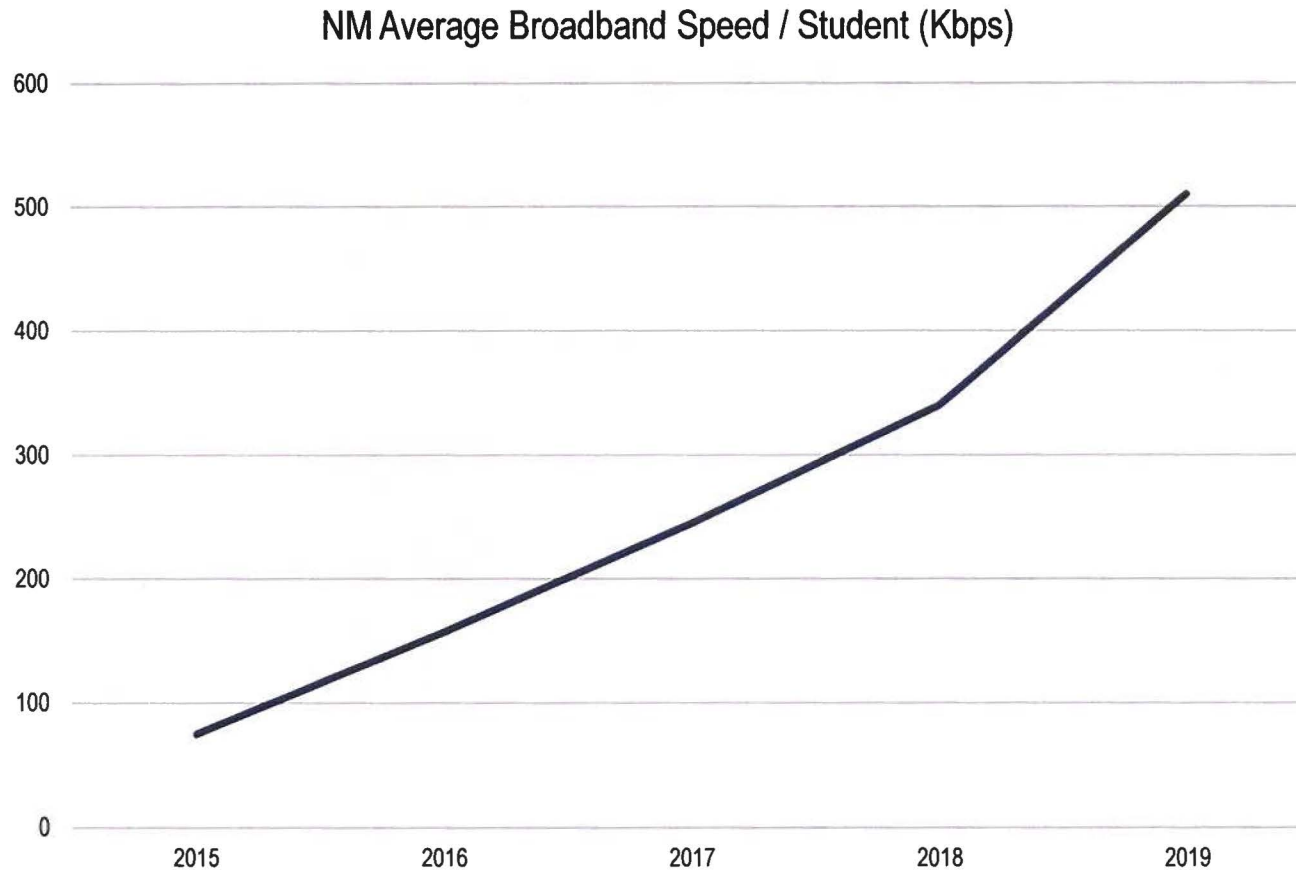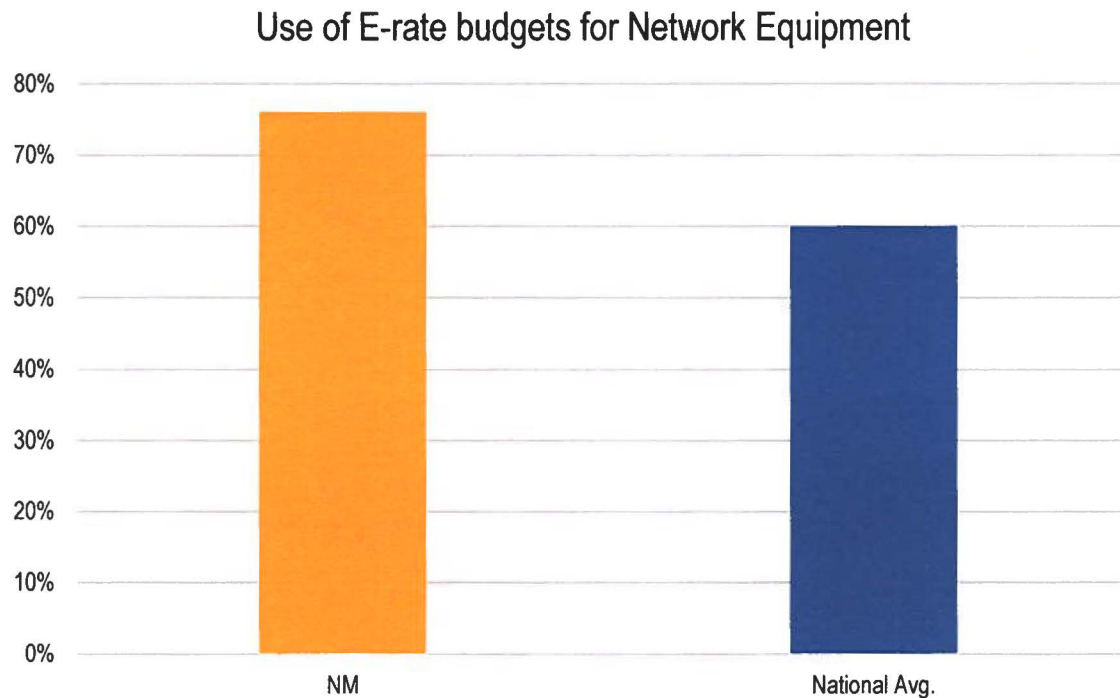
Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

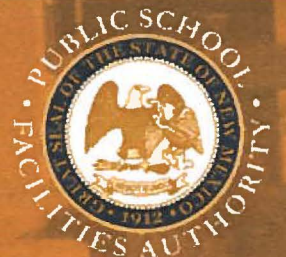- Libraries pilot (2018-2019)

	Site Name	County	Internet Access (Cat1) E-rate application	Network Equipment (Cat2) E-rate application
1	Columbus Village Library	Luna	Yes	Yes
2	Carnegie Public Library (Las Vegas)	San Miguel	Yes	Yes
3	Espanola Public Library	Rio Arriba	Yes	Yes
4	Embudo Valley Library	Rio Arriba	No (Free service)	Yes
5	Questa Public Library	Taos	Yes	Yes
6	Reserve Public Library (WCC)	Catron	Yes	Yes
7	Magdalena Public Library (WCC)	Socorro	Yes	Yes
8	Glenwood Community Library (WCC)	Catron	Yes	Yes
9	Thomas Branigan Memorial Library (Las Cruces)	Dona Ana	Yes	Yes
9	Sage Café Library (Las Cruces)	Dona Ana	Yes (In above)	Yes
10	Santa Clara Tribal Library	Rio Arriba	Yes	Yes

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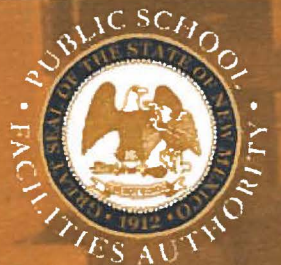
Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

- Charter schools

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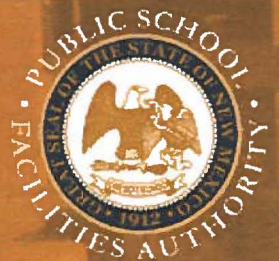
Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program
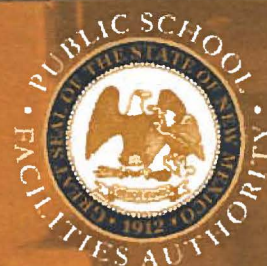
- West Central Consortium

- North Central Consortium

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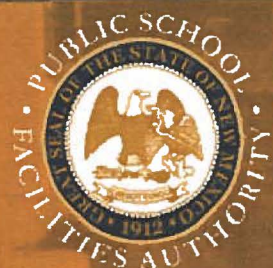
Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

- Network Management & Cybersecurity

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Public School Capital Outlay Funding:
Broadband Deficiencies Correction Program

Questions

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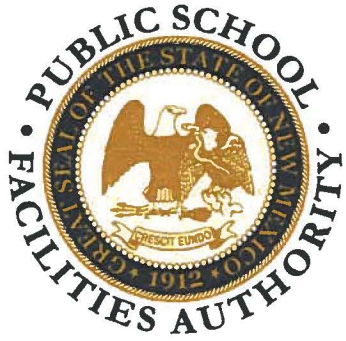
Public School Facilities Authority (PSFA)

PSFA team: Ruth Bingham, Richard Govea, Jerry Smith, Ovidiu Viorica

visit: http://www.nmpsfa.org/?q=broadband

or phone: 505-843-6272

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