2018 Statewide K-12 and Library E-rate

Outcomes Report

Nevada Governor's
Office of Science,
Innovation and
Technology

ABOUT THE E-RATE PROGRAM

E-rate is a discount/reimbursement program for broadband and telecommunications services for schools and libraries (applicants). Discounts for applicants range from 20 to 90 percent based on the level of poverty and rural or urban status. Nevada public school districts on average receive a 70% discount rate.

The Office of Science, Innovation and Technology (OSIT) has contracted consultants from E-rate Central, a national leader in E-rate consulting, to engage Nevada schools and libraries to ascertain needs, provide customized consulting, assist with internal and external network design, and provide tailored application assistance in order to increase the amount of federal E-rate funding applied for and received.

As part of the Connect Kids Initiative, Nevada is making an investment of $2 million for an E-rate state matching fund to provide an additional 10% funding for special construction build-out costs associated with high-speed broadband deployment. The State will leverage this fund to draw down a dollar-for-dollar additional match in federal E-rate dollars, potentially resulting in up to $18 million additional federal E-rate dollars in Nevada.

STATEWIDE K-12 AND LIBRARY E-RATE OUTCOMES REPORT

OSIT

669
SCHOOLS & LIBRARIES HELPED

10,754
MILES DRIVEN IN NEVADA

$7.9M
FEDERAL E-RATE FUNDING REQUESTED
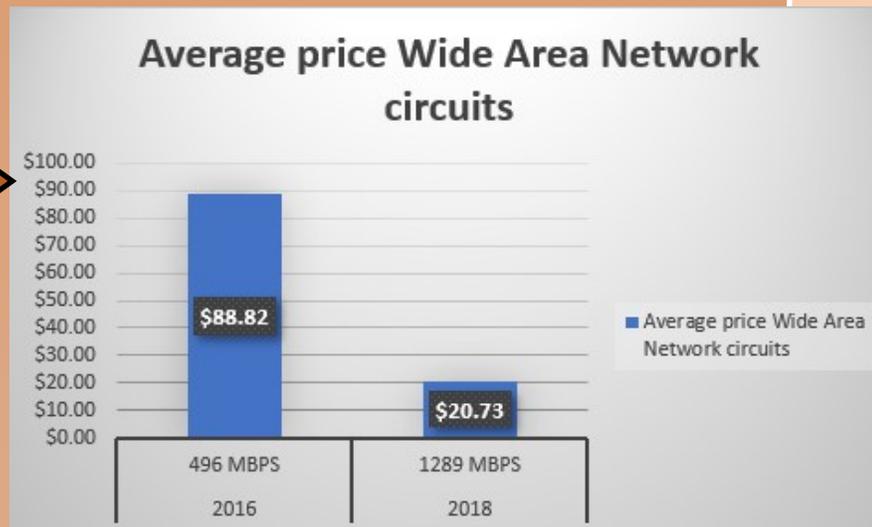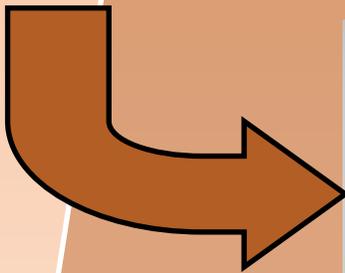($4.5M FUNDED, $3.4M PENDING)

217
MEETINGS WITH STAKEHOLDERS*

*Meetings include face to face meetings, video conferences, and webinars

OSIT

PRICE PER MBPS FOR WAN CIRCUITS HAS DECREASED 74% WHILE SPEEDS HAVE INCREASED 250%

Average price Wide Area Network circuits

	$88.82		
			Average price Wide Area Network circuits
		$20.73	
	496 MBPS	1289 MBPS	
	2016	2018	

(y-axis: $0.00 to $100.00)

APPLICANTS REALIZED AN AVERAGE INCREASE IN INTERNET SPEEDS OF ABOUT 3X WHILE REDUCING PRICES BY OVER HALF

Average price per mbps for Internet Access

$72.42	
	$27.60
683 Mbps	1811 Mbps
2016	2018

(y-axis: $0.00 to $80.00)

Price per mbps for Internet Access

New Fiber Deployment

330,557
Feet of new fiber-optic cable Funded

265%
Increase in Bandwidth Speed

$1.8M
E-rate Funding for New Fiber Deployment

$242,977.30
State Match Funded to-date
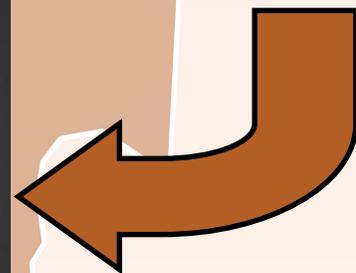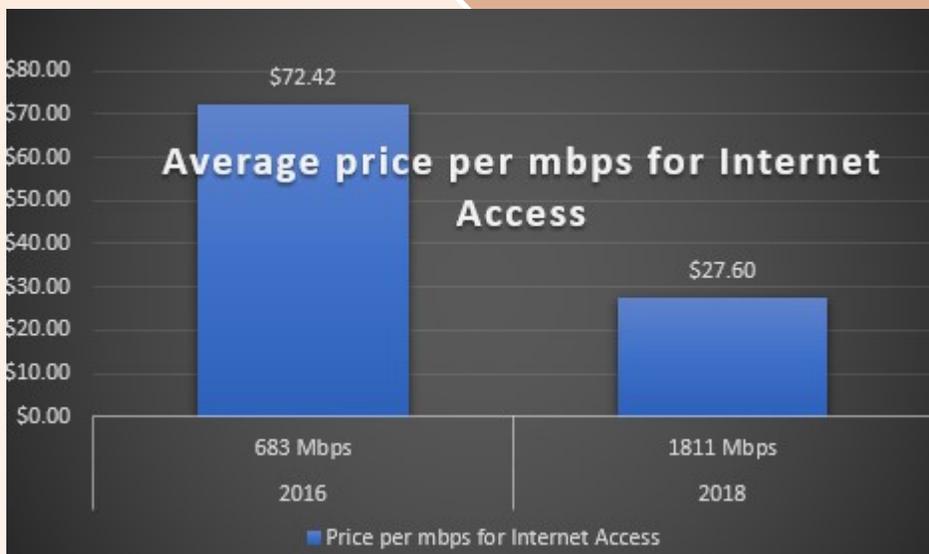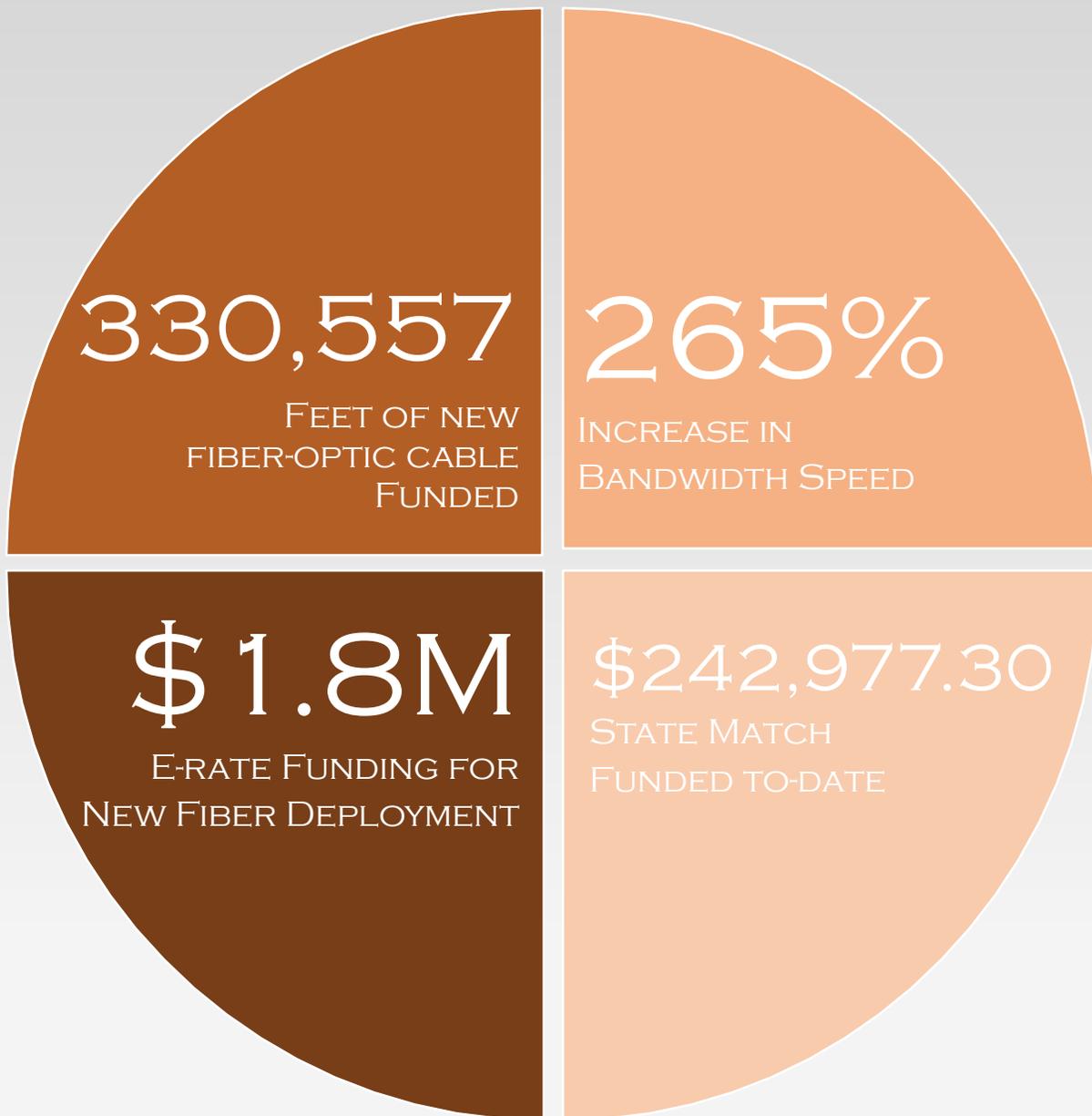
Feet of new fiber, federal and state funding statistics includes new fiber construction projects for FY 2017 and FY 2018. Increase in bandwidth speed compares FY 2016 to FY 2018 data. All data is based on committed FCC Forms 471.

OSIT

2018 E-rate Funding by City

City	E-rate Funding To-Date
AMARGOSA VLY	$6,479.46
BATTLE MTN	$4,834.08
CARSON CITY	$235,700.77
DYER	$51,918.56
ELKO	$344,835.96
ELY	$169,680.00
EUREKA	$119,959.68
FALLON	$59,323.99
HAWTHORNE	$14,390.40
HENDERSON	$273,920.17
LAS VEGAS*	$369,926.27
LOVELOCK	$34,560.00
MINDEN	$76,864.02
NIXON	$45,823.76
NORTH LAS VEGAS	$68,971.78
PAHRUMP	$302,028.80
PANACA	$81,228.74
RENO	$717,445.64
TONOPAH	$15,931.96
VIRGINIA CITY	$50,252.72
WINNEMUCCA	$78,053.14
YERINGTON	$1,468,763.68
Grand Total	**$4,590,893.58***

*Three applicants in Las Vegas have $3.4M in pending funding. Funding includes wide area network circuits, Internet circuits, network equipment and management and maintenance of eligible network equipment.

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OSIT

Library Participation

40%
Increase in Library District Participation

860%
Increase in Bandwidth Speeds

75%
Reduction in price Per mbps

67
Library Branches receiving E-rate Funded services

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Funding Year	Committed E-rate Funds
2016	$5,451,476.45
2017	$6,419,616.44
2018*	$4,590,893.58
Grand Total	$16,461,986.47

SINCE THE INCEPTION OF THE E-RATE PROGRAM IN 1998, NEVADA HAS DRAWN DOWN $147,331,362

*2018 funding decisions are on-going. There is $3.4M as yet unfunded for FY 2018. Committed amounts represent only Internet and Wide Area Network requests. They do not include other eligible E-rate services or equipment.