

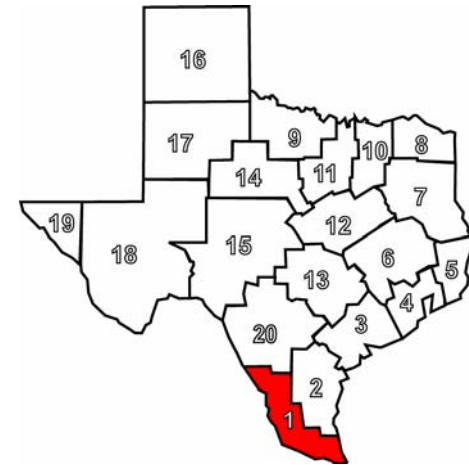


E-Rate in Texas

Expanding Education Service Across the State

Texas applicants have received
\$1,516,317,904.
in E-Rate discounts in the first
6 years of the program
1998-2003

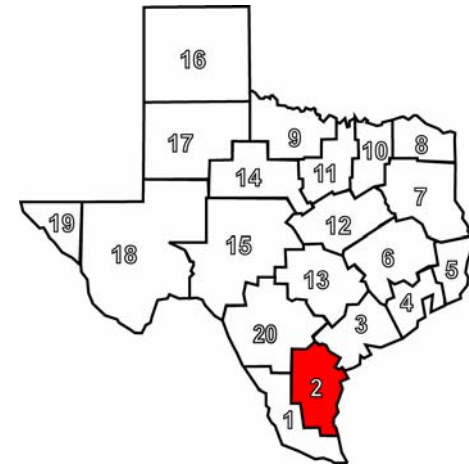
Region 1 The E-Rate program allows many students from several districts in the Region One area to participate in concurrent enrollment courses for college credit through distance learning with the University of Texas -



ESC 1	Year	Total Requests	Requested Amount	Committed Amount
	2003	442	\$76,956,531.92	\$61,758,567.80
	2002	451	\$127,396,679.58	\$64,439,072.20
	2001	388	\$61,318,777.90	\$42,761,157.30
	2000	609	\$51,072,529.97	\$37,715,101.00
	1999	430	\$26,854,789.03	\$21,947,926.79
	1998	359	\$16,510,281.16	\$16,402,526.43
	Total	2,679	\$360,109,590	\$245,024,352

The E-Rate program allows highly qualified teachers, guest presenters, and students in Mission Consolidated ISD to communicate with each other in campus to campus programs via distance learning.

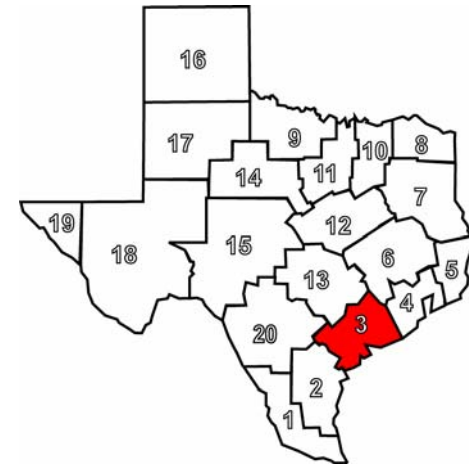
Region 2 ERATE allows our economically disadvantaged districts the opportunities to experience the world beyond their city limits.



ESC 2	Year	Total Requests	Requested Amount	Committed Amount
	2003	315	\$9,951,189.81	\$7,232,045.89
	2002	353	\$15,464,865.13	\$7,431,849.64
	2001	287	\$15,342,719	\$5,049,722
	2000	374	\$12,084,132	\$6,148,660
	1999	235	\$7,135,455	\$5,458,337
	1998	149	\$5,728,226.46	\$4,093,211.93
	Total	1,713	\$65,706,587	\$35,413,826

Without ERATE assistance and with state wide funding cuts, our school districts would not be able to afford the connectivity which allows them world wide learning opportunities.

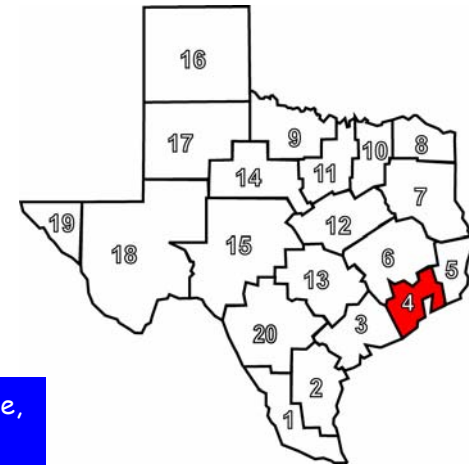
Region 3 E-Rate funding has enabled the 40 rural districts in our area to connect to online/distance learning opportunities such as dual enrollment courses at two junior colleges for an average of 200 students for the past three years.



ESC 3	Year	Total Requests	Requested Amount	Committed Amount
	2003	245	\$3,140,042	\$2,537,083
	2002	218	\$2,485,092	\$1,283,662
	2001	243	\$3,798,604.09	\$1,396,730.25
	2000	290	\$4,421,705.66	\$1,290,771.86
	1999	176	\$1,896,646.77	\$1,779,496.70
	1998	153	\$2,227,822.90	\$1,966,847.95
Total		1,325	\$17,969,913	\$10,254,592

Region 3 also has facilitated student projects with NASA online and classroom collaboration across the state through TETN inter-connectivity. This funding is paramount to the districts ability to sustain connectivity for all stakeholders to meet reporting requirements (PEIMS - online submissions only) and learning objectives (online assessments).

Region 4 E-Rate provided technology to bring science students unique educational programs such as "Live from the Heart," a videoconference session with doctors during an actual heart operation.



Area teachers saved more than \$750,000 in travel, substitute, and productivity costs by taking professional development courses with technology acquired through E-Rate funding.

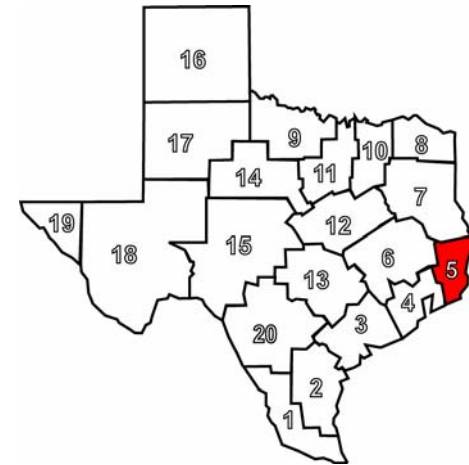
ESC 4	Year	Total Requests	Requested Amount	Committed Amount
	2003	911	\$116,331,501	\$87,899,819
	2002	531	\$111,751,606	\$70,820,330
	2001	1,265	\$102,279,621	\$48,416,854
	2000	293	\$94,034,848	\$18,340,980
	1999	1,193	\$41,498,640	\$38,441,120
	1998	1,347	\$36,663,429	\$26,352,016
	Total	5,540	\$502,559,645	\$290,271,119

When students lost their Mandarin Chinese teacher, technology allowed Ball High School to continue to provide this class to those students.

With the aid of communications technology, language arts students got to meet and interact with Lynne Reid Banks, author of "Indian in the Cupboard."

Region 5 E-Rate discounts allowed us to upgrade our SETTEN (Southeast Texas Telecommunication Network) to H.323 equipment and to increase our bandwidth to 100mg to the Internet

Due to funding cuts, some of the traditional-setting classrooms have moved to shared-instruction via Distance Learning. It also has been instrumental in providing additional classes enrich learning experiences for students. This dramatically increased their learning opportunities.

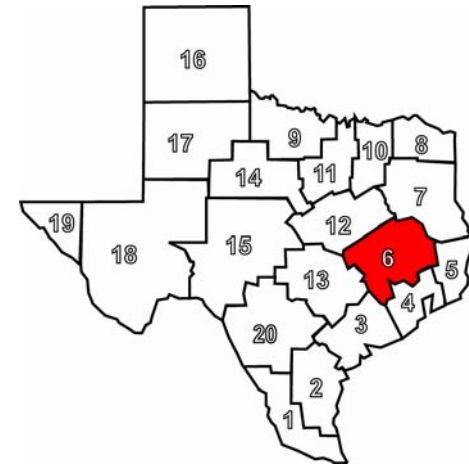


ESC 5	Year	Total Requests	Requested Amount	Committed Amount
	2003	170	\$19,159,752.91	\$18,094,730.35
	2002	114	\$2,796,108.03	\$2,105,218.98
	2001	133	\$2,950,830.63	\$1,328,876.49
	2000	151	\$2,113,979.93	\$1,053,659.54
	1999	95	\$1,414,680.58	\$1,090,009.93
	1998	60	\$1,841,734.80	\$1,553,215.27
	Total	723	\$30,277,087	\$25,225,711

E-Rate enables 28 districts to offer dual credit classes, shared instruction, and electronic field trips through video conferencing technology from highly qualified teachers and educational programs to school sites scattered over 235 miles.

Texas Connects "Pearl Harbor Remembered" -Region 5 ESC had a student from Newton ISD participate and play "Taps" during this event. During the second Texas Connects, students from Spurger ISD presented. We also have Beaumont ISD participating in "Introduction to the Outer Solar System" as a four part series with NASA, in association with NABSE.

Region 6 Nichols Elementary students in Magnolia ISD and Village Elementary in New Jersey have joined in a program called "Student Sharing Collaborative". These schools collaborated throughout the school year via videoconferencing and e-mail to coordinate several sharing activities such as: Second graders demonstrating their erupting volcanoes following a science study of earth processes, Third graders sharing reading projects during "Read Across America" week, and Fourth graders demonstrating the results of a research project with the class participating in the building of a model of the Titanic and sharing the activity with Village Elementary students.

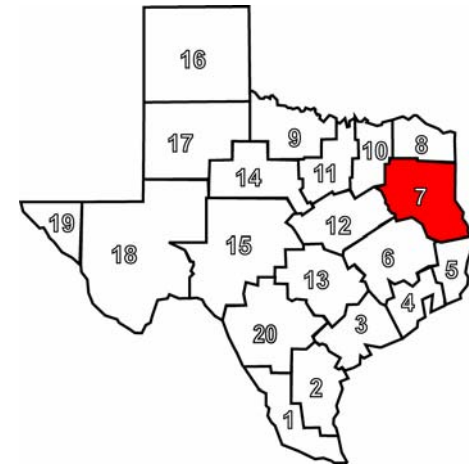


ESC 6	Year	Total Requests	Requested Amount	Committed Amount
	2003	398	\$6,632,825.31	\$4,669,883.51
	2002	239	\$2,811,479.23	\$1,693,810.44
	2001	260	\$4,329,856.61	\$1,618,653.62
	2000	243	\$3,962,781.04	\$1,623,746.04
	1999	215	\$3,175,655	\$2,630,794
	1998	201	\$3,200,253	\$2,311,436
	Total	1,556	\$24,112,850	\$14,548,324

Village Elementary shared projects related to their curriculum including geography, local history, and weather over distance. The infrastructure in place at Region VI has allowed us to bridge these two schools, their students, and staff members together for the purpose of extending and enriching their educational opportunities.

Distance Learning provides many services to large numbers of small and rural districts located in 15 counties across our region by providing enhanced educational opportunities such as enrichment activities, virtual field trips, and concurrent enrollment classes. More than 400 students and practicing educators participate in these wonderful programs.

Region 7 Alto ISD, a small rural school district in East Texas, has been enabled by E-Rate to offer dual credit courses by video conference. For the last 5 years, students have enrolled every semester with many graduating from high school with as many as 24 college credit hours.

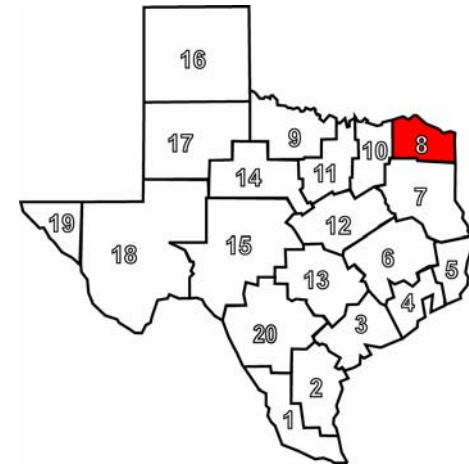


ESC 7	Year	Total Requests	Requested Amount	Committed Amount
	2003	390	\$17,024,242.99	\$15,389,462.59
	2002	334	\$18,246,709.67	\$15,861,354.04
	2001	527	\$9,208,775.29	\$1,776,962.53
	2000	450	\$18,251,802.30	\$13,942,864.51
	1999	305	\$4,165,752.41	\$2,074,621.80
	1998	252	\$8,851,346	\$8,316,080
	Total	2,258	\$75,748,629	\$57,361,345

Capitalizing on the power of a visual medium, ten students in Alto ISD received American Sign Language foreign language dual credit by video conference even though the instructor was deaf and 90 miles away.

Connected by the Internet to ultra sophisticated equipment at the Texas State Technical College in Marshall, students in the video conference computer aided design (CAD) class at Hallsville High School are able to form exact plastic prototypes of their drawings.

Region 8 E-Rate has allowed Paris ISD through distance learning equipment to take their students on dozens of otherwise unavailable virtual field trips around the world.

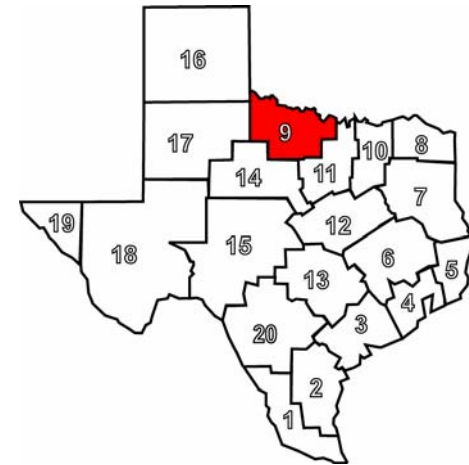


ESC 8	Year	Total Requests	Requested Amount	Committed Amount
	2003	180	\$2,041,549.91	\$1,830,857.19
	2002	184	\$2,387,812.72	\$1,779,553.11
	2001	197	\$1,694,317.12	\$1,112,764.60
	2000	270	\$2,811,686.52	\$1,118,733.46
	1999	155	\$1,224,970.58	\$1,012,972.72
	1998	149	\$1,963,935.86	\$1,893,929.02
Total		1,135	\$12,124,273	\$8,748,810

E-Rate has allowed rural Texas schools internet connectivity that due to their size and location would otherwise be left behind.

E-Rate has allowed the Region VIII area to connect 46 of its rural regional school districts via a first of its kind high speed wireless network over an eleven county area.

Region 9 E-Rate enables our 39 districts in rural North Texas to connect to the Internet. This connectivity allows over 100 students each year to receive high school classes through video conferencing in high need areas such as foreign language from highly qualified teachers



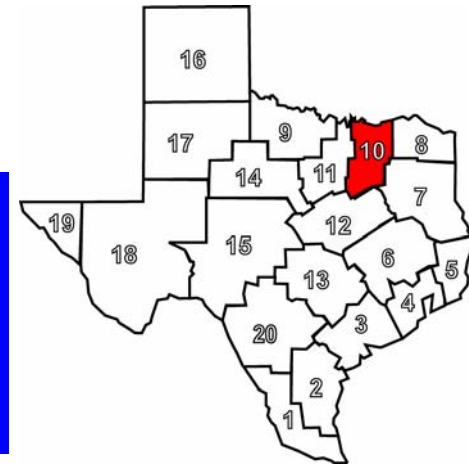
ESC 9	Year	Total Requests	Requested Amount	Committed Amount
	2003	173	\$1,355,373.77	\$1,244,206.71
	2002	178	\$1,405,243.13	\$1,180,673.59
	2001	183	\$1,729,685.14	\$1,023,200.00
	2000	189	\$1,974,224.13	\$1,048,294.80
	1999	163	\$1,668,556.28	\$1,008,435.59
	1998	127	\$1,383,945.42	\$793,137.79
	Total	1,013	\$9,517,028	\$6,297,948

Due to funding cuts, our schools rely on the electronic field trips we provide because limited funds are available for student travel. This provides distance learning opportunities for approximately 3000 students each who would otherwise not be served. In addition, our region's students have communicated with students in far away places such as China.

E-Rate enables over 250 students each year to take concurrent enrollment classes from colleges, receiving high school credit and college credit at the same time.

Region 10 operates the EdNet¹⁰ Network Consortium to provide network and videoconference services to 99 member school districts and charter schools. E-rate helps reduce the cost of Internet service and broadband circuits when the consortium applies for discounts. Districts, such as Irving ISD, may apply for discounts on other telecommunication

Irving ISD provides 24/7 access to one-to-one laptops for over 9,400 high school and middle school students. Without E-rate providing a robust network and Internet bandwidth, students would not be able to access their online textbooks, curriculum and assessments.



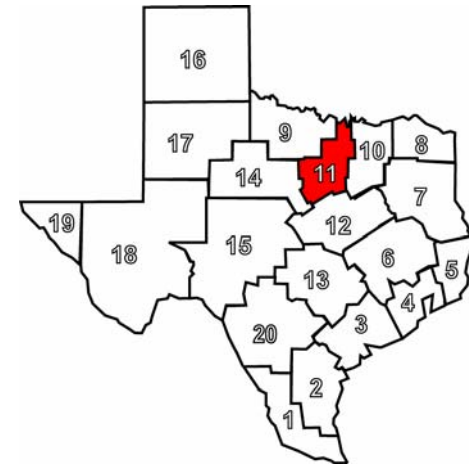
ESC 10	Year	Total Requests	Requested Amount	Committed Amount
	2003	387	\$157,693,867	\$122,703,613
	2002	316	\$197,887,207	\$8,856,127
	2001	449	\$19,648,790	\$7,642,771
	2000	445	\$31,438,175	\$8,073,825
	1999	239	\$23,269,994	\$16,763,528
	1998	500	\$24,000,363	\$19,638,744
	Total	2,336	\$453,938,396	\$183,678,608

E-rate has enabled Irving ISD to provide technology-enhanced instruction for students who may not have access to these tools at home. E-rate is certainly bridging the digital divide in Irving, Texas.

Irving ISD piloted online TAKS testing for the state of Texas with great results. They also conduct benchmark testing each six weeks with all students. All high school students and some middle school students have laptops with wireless access so they are able to conduct their assessments directly online, at the same time. This provides immediate feedback for teachers on their test results.

Electronic courses have opened up through the use of Blackboard. A majority of high school teachers now use this web-based tool to enhance their face-to-face course. Students have access to their lessons, assignments, quizzes, and discussion boards for communication with their teachers and other students in the class. Irving ISD averages of 400,000 hits per day on the Blackboard server. This is a tool that would not be of use without the help of E-rate funds to support network bandwidth and Internet access.

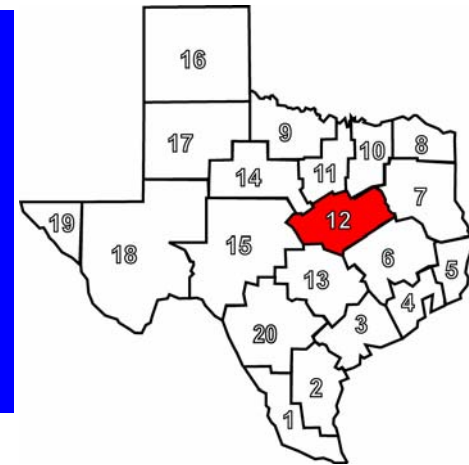
Region 11 E-Rate has made it possible for tens of thousands of students in over 140 school locations in Region 11 covering 10 counties to share exceptional teachers, unique and exciting electronic learning experiences, access to higher education coursework, access to experts, cultural experiences, and on-line data, video, tools, and resources that they would not have otherwise been able to access but that has been made available through the Region Eleven Telecommunications Network.



ESC 11	Year	Total Requests	Requested Amount	Committed Amount
	2003	547	\$18,660,932.51	\$14,996,511.72
	2002	727	\$102,806,714.71	\$7,922,205.63
	2001	683	\$11,529,316.49	\$6,539,728.37
	2000	1,194	\$22,453,198.71	\$9,002,421.54
	1999	387	\$11,227,582.77	\$7,172,777.70
	1998	277	\$9,349,663.57	\$4,644,520.07
	Total	3,815	\$176,027,409	\$50,278,165

Region 12 Electronic communication has opened up the world for many students in our region. We hosted a connection with the International Space Station in which students from Goldthwaite Middle Schools were able to interact with astronauts in **SPACE** while other students watched the event as it happened. This satellite downlink through our regional network connected 25 district endpoints with the space station and had an audience of 1,117 students and teachers.

Many other students in Region 12 are able to connect to zoos, museums, other students, and experts in ways that would not have been possible without videoconferencing opportunities. High school students connected for the Global Nomads, After the Tsunami: Rebuilding Lives program with students in Colombo, Sri Lanka students and New York students on March 4, 2005.



ESC 12	Year	Total Requests	Requested Amount	Committed Amount
	2003	558	\$8,419,851.44	\$5,329,942.34
	2002	701	\$17,167,131.32	\$5,458,684.33
	2001	739	\$13,064,582.70	\$4,390,293.04
	2000	671	\$13,086,395.73	\$3,946,605.05
	1999	446	\$6,953,788.26	\$6,324,183.84
	1998	306	\$3,231,019	\$2,448,057
	Total	3,421	\$61,922,768	\$27,897,766

Students in our rural districts attend dual credit classes through the community colleges linked to our network. In the last five years, over 300 students have earned college credit during their high school careers via interactive videoconference courses. This was made possible by networks developed and maintained through E-Rate funding.

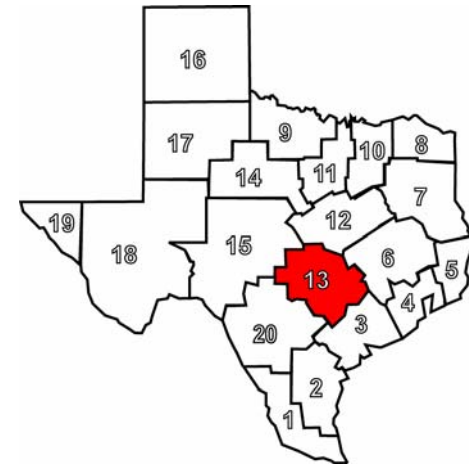
The rainforest video conference was done by Dr. Willis of Montclair University, New Jersey. Dr Willis conducts research in the Smithsonian Research area located on Borra Colorado Island in

Elementary students participated in Read Across America with schools in Michigan and New York.

In Temple ISD, network connections enabled access to content when an algebra teacher had to take leave for 6 weeks and a qualified substitute could not be found. A videoconference unit and the network were used to link students in this classroom to another classroom with a certified teacher and all the students received the same high quality instruction as the other students. Instructional time was not lost.

Temple ISD also connects with a scientist in the rainforest each year through the Smithsonian Institute program. Six classes videoconference with the scientist and get to see the animals of the rainforest and ask questions of the scientists in real time. This opportunity is a direct result of high speed connectivity.

Region 13 Elementary students in Marble Falls recently were treated to a visit from their Middle School Band program. The purpose of the event was to inform and encourage students to join band in the following year in middle school. Current band students gave brief presentations as well the band director who provided information and fielded questions from the elementary students. At the close of the session, a short performance was given by the student presenters.

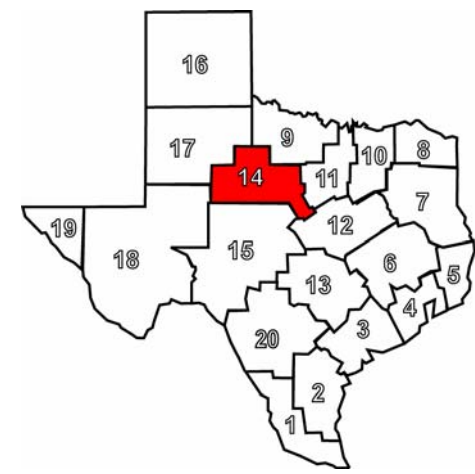


ESC 13	Year	Total Requests	Requested Amount	Committed Amount
	2003	317	\$8,347,651.96	\$5,542,502.41
	2002	320	\$7,937,598.05	\$4,694,991.46
	2001	644	\$10,665,735.14	\$3,716,884.13
	2000	250	\$12,088,020.81	\$2,838,106.62
	1999	385	\$11,391,137.84	\$7,592,971.07
	1998	406	\$20,096,925.02	\$6,116,178.49
Total		2,322	\$70,527,069	\$30,501,634

Students in Del Valle recently used video conference technology to participate in a multi-state debate event. Students competed using a live connection from Missouri, Florida, and Texas in this first of its kind debate sponsored by the Urban Debate League. As part of the introductions, Texas Commissioner of Education, Dr. Neeley, addressed those connected and offered encouragement and recognition to all involved. There were also remarks made by U.S. Senator John Cornyn in a live connection to his office in Washington D.C.

Region 14 E-Rate enables our 43 school districts in rural Texas to connect electronically using high bandwidth. Through this connectivity we are able to bring high school and college courses to our region's high school students and field trips to all students, thereby drastically increasing learning opportunities.

Electronic courses have enabled Sidney ISD to offer Spanish I and II, Algebra II, and Pre Calculus to its students.



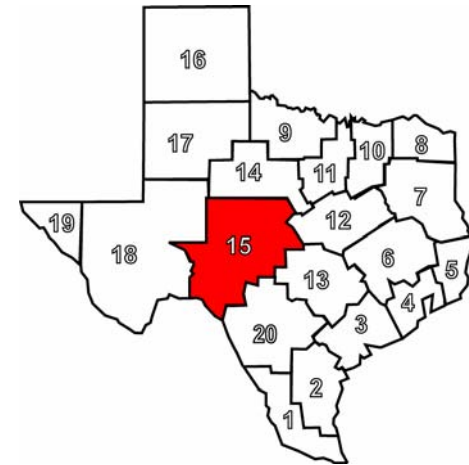
ESC 14	Year	Total Requests	Requested Amount	Committed Amount
	2003	204	\$2,890,762.56	\$2,072,821.72
	2002	208	\$2,970,172.97	\$1,959,055.50
	2001	160	\$1,878,158.54	\$1,236,728.10
	2000	283	\$2,959,238.36	\$988,842.35
	1999	276	\$1,660,683.03	\$1,326,388.83
	1998	202	\$1,019,053.29	\$946,782.88
Total		1,333	\$13,378,069	\$8,530,619

Savings from E-Rate discounts have allowed our districts to afford the broadband access they need to meet the demands of their students and staff. Without these discounts our districts' Internet access would be greatly curtailed or eliminated altogether.

Students have utilized the E-Rate infrastructure to connect via Distance Learning to other students around the globe as well as to a survivor of the attack on World War II's USS Indianapolis. Our region's students have made presentations/communications to students/people in England; Brazil, South America; University of Kansas; Nebraska; Indianapolis, Indiana; and New York as well as within Texas.

E-Rate enables Stamford Independent School District to offer four sections of Spanish through video conferencing technology from highly qualified teachers to 8 different school sites scattered over 12,000 square miles.

Region 15 E-Rate enables thirty nine districts to offer dual-credit courses to their students through video conferencing technology from highly qualified teachers to school sites scattered over 25,000 miles.

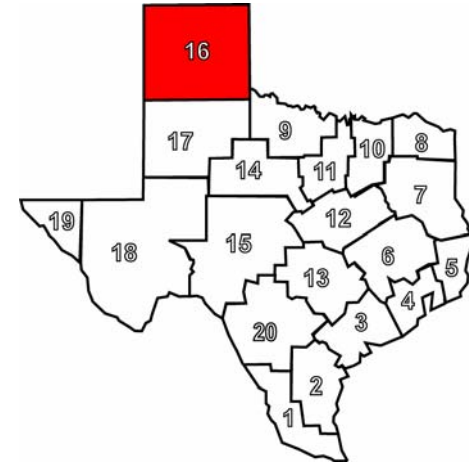


ESC 15	Year	Total Requests	Requested Amount	Committed Amount
	2003	212	\$4,107,604.07	\$2,917,497.99
	2002	214	\$3,708,476.97	\$2,673,547.43
	2001	241	\$4,971,264.81	\$1,894,733.21
	2000	295	\$8,670,942.81	\$5,828,148.94
	1999	254	\$1,759,129.99	\$1,560,079.32
	1998	122	\$1,314,248.57	\$1,050,300.43
Total		1,338	\$24,531,667	\$15,924,307

Due to funding cuts, much of the E-rate funding has been instrumental in providing internet access to online curriculum thereby drastically increasing learning opportunities.

Electronic courses/communication have opened up access to community colleges and online education for us so that we have been able to offer dual-credit and professional level content allowing students to graduate from high school with up to thirty college credit hours.

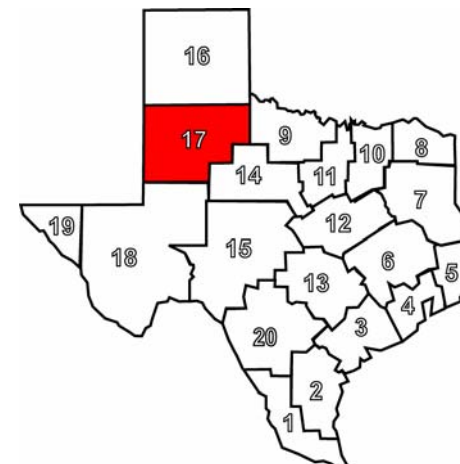
Region 16 For Canadian ISD, a small rural district in the Texas Panhandle, the funds garnered through E-rate discounts and the internet/telecommunications services these discounts provide have become a window to the world for children in a school where cost, distance, and proximity are inhibiting factors in educational and cultural opportunities.



ESC 16	Year	Total Requests	Requested Amount	Committed Amount
	2003	478	\$3,569,259.31	\$3,123,601.52
	2002	300	\$1,902,034.97	\$1,470,864.73
	2001	332	\$2,195,846.56	\$1,789,611.24
	2000	428	\$3,183,952.76	\$1,588,960.43
	1999	161	\$1,628,076	\$1,324,371
	1998	81	\$4,675,417	\$1,261,639
	Total	1,780	\$17,154,587	\$10,559,048

Today Canadian ISD, located over 100 miles from museums, zoos, and art centers, provides field trips for students to visit the NASA Space Center, or the opportunity to study butterflies at the Indianapolis Zoo, or conversing with Dr. Robert Ballard in the Amazon all through internet access and video conferencing supported by funds secured through E-rate discounts.

Region 17 In Spring of 2000 the world of Distance Learning was introduced to the students of West Texas. At that time there were 5 classes with 1,205 hours of connectivity. In Spring of 2005 the Distance Learning program grew to 54 different classes a week, with 15,957 hours of connectivity for the semester. These classes consist of high school, college, and graduate level courses. Without E-rate funds for connectivity, this would not have never been possible.

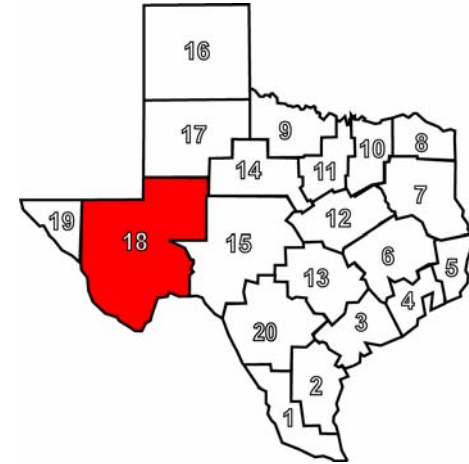


E-Rate funding has allowed ESC 17 and our school districts the opportunity to support our growing networks in the form of hardware upgrades and purchases along with Internet connectivity and the ability to enlarge bandwidth due to increased instructional demands.

ESC 17	Year	Total Requests	Requested Amount	Committed Amount
	2003	298	\$3,750,845.46	\$3,135,196.56
	2002	258	\$2,991,877.19	\$1,895,693.82
	2001	542	\$5,892,249.80	\$2,902,316.49
	2000	359	\$3,915,900.92	\$1,735,427.67
	1999	183	\$1,741,617.95	\$1,463,968.04
	1998	122	\$1,017,605	\$1,013,423
	Total	1,762	\$19,310,096	\$12,146,026

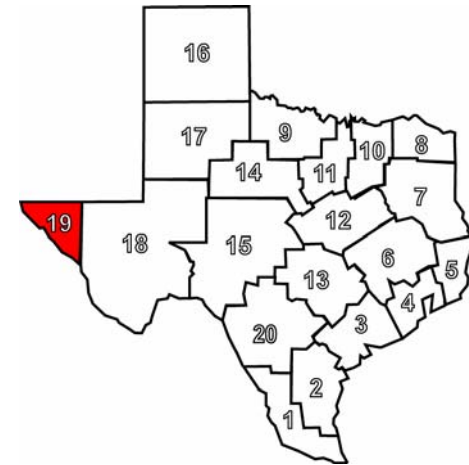
West Texas children experience 'Virtual Field Trips' and have visited the Texas State Aquarium in Corpus Christi to watch dolphins being trained. They watched a science lesson on simple machines from the Cleveland Art Museum in Cleveland, Ohio. They participated in a program about what life was like in the early days of the 20th century from the Grace Museum in Abilene, Texas. Without E-rate funding for routers, switches, network wiring, and servers our students who many live in very remote areas would never have had these opportunities.

Region 18 Presidio ISD has used E-Rate funding to set up connectivity (both hard wired and wireless) that allows us to participate in the Technology Immersion Project (TIP) program. This program allows us to conduct a scientifically based evaluation at the state level to test the effectiveness of technology immersion in increasing middle school students' achievement in core academic subjects. This has been a great opportunity and has inspired the community to establish its own wireless network to provide community members with Internet, high speed broadband connectivity at a lower than usual price. This in turn led to grant applications to provide distance learning to post secondary courses and GED offerings for the community via commu-



ESC 18	Year	Total Requests	Requested Amount	Committed Amount
	2003	85	\$2,147,660.46	\$1,575,750.11
	2002	98	\$2,594,813.28	\$1,406,691.70
	2001	90	\$2,998,495.26	\$1,700,559.08
	2000	95	\$2,184,473.09	\$1,123,458.99
	1999	53	\$1,600,704.60	\$1,180,057.45
	1998	54	\$2,234,094.09	\$1,901,034.75
	Total	475	\$13,760,241	\$8,887,552

Region 19 Canutillo ISD has been providing staff development in the area of bilingual education to school districts in Texas; mentoring from campus to campus for teachers in bilingual education, science, and math; Mentoring for student secondary campuses to/from elementary campuses.

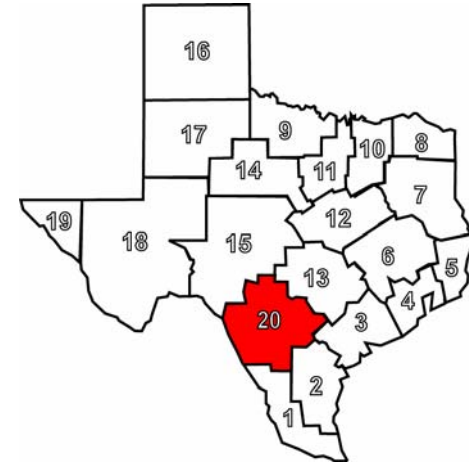


ESC 19	Year	Total Requests	Requested Amount	Committed Amount
	2003	129	\$27,246,381	\$13,399,069
	2002	111	\$96,091,192	\$8,475,986
	2001	462	\$130,461,550	\$70,711,925
	2000	582	\$20,783,210	\$11,642,047
	1999	365	\$13,319,827	\$10,977,192
	1998	437	\$18,726,083	\$12,769,746
Total		2,086	\$306,628,243	\$127,975,965

Canutillo ISD students participated in a mock presidential election in November 2004 and presented results via a 6-way video conference; also during the month of April students, staff, and community members were able to ask questions of school board candidates via an online question module.

Virtual field trips and video conferences, supported through distance learning equipment, are keeping students engaged, excited and bring new learning experiences not otherwise available to our student population.

Region 20 Thanks to E-Rate funding for Internet Access and Internal Connections, Natalia ISD (a rural 87% discount school district) has implemented an Internet-based credit recovery program for high school students. This program has enabled many of our non-traditional and at-risk students to obtain much-needed course credits for graduation. This credit recovery program not only helps a student graduate on time, but also provides a non-traditional learning environment for students who desperately need it.



ESC 20	Year	Total Requests	Requested Amount	Committed Amount
	2003	1,378	\$46,335,959.26	\$29,289,900.13
	2002	863	\$50,684,283	\$38,004,543
	2001	771	\$26,068,466	\$19,110,794
	2000	690	\$33,332,764.97	\$23,706,854.86
	1999	351	\$10,933,616.54	\$6,961,453.62
	1998	240	\$16,657,325	\$15,318,030
	Total	4,293	\$184,012,415	\$132,391,576

Videoconferencing technologies have provided the opportunity for several Natalia ISD students to obtain high quality, dual-credit courses from nearby colleges and universities. Students may take college level English or Government courses, among others, and not only obtain high school credits but college credits as well. Some graduating seniors have left Natalia High School with as many as 12-15 college credits. This assists our economically disadvantaged students in continuing their education beyond high school.

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