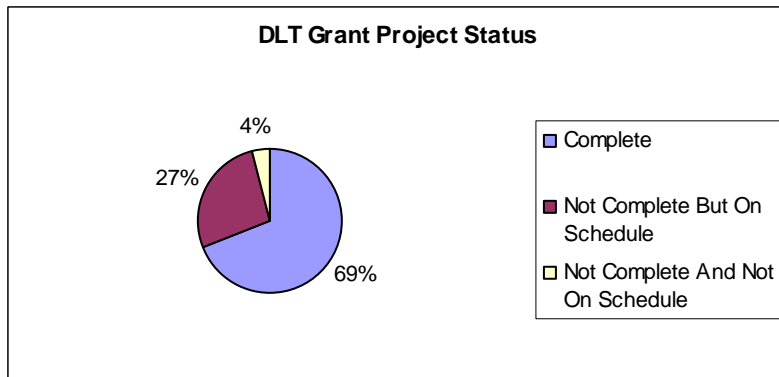


DISTANCE LEARNING AND TELEMEDICINE PROGRAM

Grant Program Performance

Report Summary:

In April-May 2007, the Telecommunications Program conducted a review of Distance Learning and Telemedicine Grant Program projects. Based on a random telephone sampling of the 2001-2005 DLT grant recipients, it was determined that 69% of the projects have been completed; 27% are not complete but are on schedule to be completed; and 4% of the projects are not completed and are not on their planned schedule for completion.



Sample size: 84

Detailed Listing by Project:

The following chart shows the details on each project reviewed:

State	Fiscal Year	Project Name	Grant Amount	Medical or Education Grant	Rating*	Project Description
AK	2003	Southeast Island School District	\$485,732	E	3	Educational courses and teaching is being shared and a community center for public internet access was established along with video conferencing.
AK	2003	Kake City School District	\$490,000	E	3	The project meets a wide variety of educational and healthcare needs by providing 2-way videoconferencing in order to increase healthcare resources throughout the area served.
AK	2005	Maniilaq Association	\$269,892	M	3	Videoconferencing is providing 2-way voice and video communications, and data transmission for medical clinics.
AK	2004	Haines Borough School District	\$499,999	E	4	Students have been receiving focused content helping them pass mandated progress examinations and additional and enriched content that will help them prepare for entry into a vocation or a higher education.

AL	2002	Conecuh County School District	\$500,000	E	1	The district has established distance learning labs in seven schools and two school districts to network with each other. The project has provided course offerings, career and post-secondary education planning, and much more.
AL	2001	Lowndes County Board of Education	\$228,000	E	3	The project is connecting Alabama State University's and is connecting the Intercampus Interactive Telecommunications System that provides a video link giving students the option of dual enrollment or advanced placement courses.
AR	2003	Arkansas School for Mathematics & Sciences	\$425,820	E	1	The project allows access to expanding and enhancing instructional programs for public school students as well as provides educational opportunities and training for adults in the communities served.
AR	2001	Crowley's Ridge Education Service Cooperative	\$81,872	E	3	The project has increased course subject diversity for students and increased adult learning opportunities for community members, allowing one teacher to teach a course to all four schools simultaneously. Also, the technology has allowed new programs to emerge, like Smart Start Initiative.
AR	2004	Osceola School District	\$408,442	E	4	The grant is being used for interactive video equipment, computers and training in fourteen school districts in thirteen different counties in the state of Arkansas. Faculty members are benefiting from the new opportunities for continuing education and professional development.
AR	2004	Pocahontas School District	\$461,521	E	4	The project has been extending the opportunities for interactive distance learning in eighteen rural school districts with the interactive distance learning studio equipment. The funds have helped expand course offerings, provide higher educational opportunities to students.
AZ	2004	Arizona Western College	\$500,000	E	1	The funds are providing pre-requisite health science course in the hard sciences to nursing program students, while ensuring students in remote areas have an equal chance at enrolling in the nursing program.
AZ	2005	La Paz Regional Hospital, Inc.	\$458,061	M	4	Over nineteen thousand residents are benefiting from teleradiology equipment including a Picture Archive and Communications System unit and a Radiology Information System.
CO	2004	East Central BOCES	\$452,154	E	4	The funds are being used for network improvements that provide a threefold increase in instructional content, technical performance and critical long-term costs in eight counties. The equipment is providing two interfaces-one serving the video equipment and the other is for the data.
FL	2004	Florida Department of Health	\$236,180	M	1	The funding has upgraded the network that expedites and transmits expert medical evaluations of children suspected to be abused or neglected. The benefits of the project include protection for children, assurance of proper evaluations, twenty-four hour availability, immediate assessments, and protective services.
HI	2001	Hawaii Health Systems Foundation	\$372,650	M	1	The project is increasing telemedicine access to emergency and non-emergency medical consultation services, and providing access to education and training for the staff. Funding is helping the system build upon existing technology linking rural health care agencies.

HI	2004	Kona Hospital Foundation	\$500,000	E	4	The services funded include on-line teaching conferences for pathology residents throughout the network, standardized training for residents, rapid and systematic review of all cases and timely review and consultation for problematical cases.
ID	2004	St. Mary's Hospital	\$500,000	M	3	The funds have implemented a regional electronic medical records and informatics system; therefore, improving primary patient care, safety and access to care, and provide practitioners with immediate patient information.
ID	2005	St. Mary's Hospital	\$289,369	M	4	Two frontier area critical access hospitals and eleven associated primary care and physical therapy clinics will establish a teleradiology network.
IL	2004	St. Francis Hospital of Hospital Systems of the Third Order of St. Francis	\$310,000	M	1	The funds are providing the hospital with Picture Archiving and Communications System, which is replacing the use of analog radiology film with digital images that are easier to store, retrieve, distribute study and interpret. The PACS system will allow the hospital to operate more efficiently as staff will be able to focus on patient care and demand for services.
IL	2003	Southern Illinois Collegiate Common Market	\$388,700	E	4	The grants funded the upgrade of thirty-eight distance learning classrooms and the addition of two new classrooms in order to enhance and upgrade current classroom capabilities, and expand health and social service workforce education, training and practice.
IL	2005	Lewis and Clark Community College	\$294,678	E	4	Funds have helped install multi-point videoconferencing equipment and desktop plug-and-play videoconferencing units; as a result, enhanced professional development for K-12 teachers, establishes a virtual wellness center, and promotes healthcare careers for students and residents.
IN	2004	Southern Dubois County School Corp. LEA for: Southern Indiana Education Center	\$370,416	E	1	The program Arts in Medicine has been developed with the funding in order to promote health and well-being through the arts. The services to the schools and communities included distance learning equipment, coordination and support of distance learning activities, programming to support professional development, student performance, school nurse initiatives, arts program, health seminars, preventative illness programs, and urge and alcohol addiction programs.
IN	2005	St. Vincent Health	\$205,706	E	1	The funding has provided training for rural clinical support staff, physicians, and EMS personnel with the advanced telecommunications technology.
IN	2003	Wilson Education Center	\$500,000	E	3	Grant funds utilize videoconferencing equipment to create educational opportunities for students who are benefiting from the course offerings, training for teachers, and community economic development.
IN	2001	Scott County School District	\$500,000	E	3	Funding has made distance learning and other technologies readily accessible to students and teachers, assured that all students in target schools regularly participate in instructional activities that include the use of distance learning and other technologies and provide alternate methods for students to reach individual goals for academic success.

KS	2001	Smith County Memorial Hospital	\$59,500	M	1	Funding has provided the hospital with installation of teleradiology services and a laboratory information system with the benefits enabling patients to have their radiology films interpreted immediately after a radiological study is completed and allow for the timely and concise manner in which laboratory results are reported to physicians.
KS	2002	Barton County Community College	\$69,550	E	3	Grant funds helped develop an interactive television system for distance teaching and learning designed to improve both the quality of instruction and to increase the variety of courses offered to high school and college students in rural Kansas.
KS	2003	Unified School District #442	\$456,239	E	3	RUS funding has assisted in updating equipment at three sites and established ITV equipment at a new site allowing the district to connect to a statewide broadband network. The network provides opportunities for the advancement of students, community members, and also serves as a medical training site for the community and medical staff.
KY	2004	Saint Joseph Hospital Foundation	\$235,636	M	1	Funding has allowed the services of the hospital to expand; therefore, the primary and specialty medical services to underserved children and adults in rural areas will increase.
KY	2002	Saint Joseph Healthcare	\$90,300	M	3	The funding has helped link mobile primary care health service to physicians in a regional medical center and a metropolitan hospital through a telemedicine connection.
LA	2003	Hospital Service District #2 of LaSalle Parish	\$262,000	M	1	Funding in the telemedicine project has provided teleradiology services to LaSalle General Hospital and two rural health clinics, which incorporates the transmission of X-ray procedures, CT scans, ultrasound, and nuclear medicine procedures.
LA	2002	Primary Care Providers for a Healthy Feliciana	\$67,360	M	3	The funding has been able to help establish a teleradiology system for rural residents of East Feliciana Parish providing more timely results on x-rays as well as ultrasound and bone density tests.
MI	2004	Mid-Michigan Visiting Nurse Association	\$215,519	M	1	RUS funding has enhanced a mobile telemedicine system for the association, which has allowed health information to travel from a patient's home to a field office or from the field office to the patient's home.
MI	2004	Marquette General Health System	\$176,421	M	1	Through telehealth technologies, Marquette General Health System will partner with Helen Newberry Joy Hospital, Iron County Community Hospital, and Portage Health System to increase access to medical specialties, provide education, and to enhance competency of healthcare staff.
MN	2001	Paynesville Area Hospital District	\$264,071	M	3	The grant funds are being used to establish an electronic patient records system in the form of a wireless LAN allowing physicians and nurses to maintain contact with network resources while moving about.
MN	2001	Cuyuna Range Hospital District	\$500,000	M	3	Grant funds are aiding the hospital by providing a telesurgery program linking the three hospitals, including equipment such as surgical cameras, a video hub, and flat panel monitors for transmitting images during surgical procedures.

MO	2001	Pathways Community Behavioral Healthcare	\$410,275	M	1	Funding has allowed the hospital use equipment such as servers, workstations equipped with video cameras, network printers, and teleconferencing equipment and would allow for the creation of a virtual private network that would use the external Internet and enable remote access from all Pathways sites.
MO	2001	Texas County Technical Institute	\$71,863	E	3	Funds have allowed the Institute to bring in quality education to residents, while offering a variety of courses not provided by any other sources in this area. This project has expanded curriculum in health care courses, while offering Continuing Educational Units to local doctors, nurses and other health care professionals.
MS	2004	East Tallahatchie School District	\$500,000	E	1	A videoconferencing system serving four schools and community residents in the area was provided by the funding allowing members to access GED and online education courses.
MS	2002	Mississippi Blood Services	\$193,930	M	3	The funding has introduced a new donor referral network and has enhanced the telehealth networks.
MS	2005	Carroll County School District	\$500,000	E	4	Two high schools and a non-profit youth opportunity organization will install real-time distance learning equipment, multi-media computer labs and a mobile laptop computer lab.
MT	2004	St. Luke and Nursing Home	\$500,000	M	1	The funds have helped the Home develop a teleradiology network that will connect the hospital and rural clinics in Northwest Montana, using a Picture Archiving and Communications System.
MT	2002	Eastern Montana Education Telecommunications	\$430,071	E	3	The funding is being used for distance learning purposes for rural K-12 schools and community colleges which connect fourteen public K-12 schools, two community colleges and one state university. Benefits of the project include increased local training opportunities and access to quality educational opportunities.
MT	2001	St. Vincent Foundation	\$368,142	M	3	The grant has enabled the Network to extend and improve telemedicine services in five end user sites, four rural hospitals and once clinic, which eliminates the need to transfer patients to a medical facility a large distance away from their homes.
MT	2002	Deaconess Billings Clinic Foundation	\$209,300	M	3	Funding has allowed the Clinic to acquire teleradiology workstations in order to link two medical facilities in Northern Wyoming and one in Eastern Montana to Deaconess Billings Clinic's Radiology Department in the formation of a teleradiology network to transfer medical images and allow for radiology consultation.
MT	2005	Clark Fork Valley Hospital	\$134,947	M	4	The Hospital has installed a Picture Archiving and Communications System as well as internet technology and training to provide enhanced digital imaging and access to medical images to improve health care delivery.
NC	2005	Beaufort County Schools	\$114,211	E	1	The school system is establishing interactive video conferencing at the county's three high schools where students can participate in advanced high school classes from all three locations.

NC	2004	Warren County Schools - Roanoke River Valley Education Consortium	\$445,143	E	4	The Roanoke River Valley Education Consortium is installing a video-conferencing system in seven schools and two community colleges. Each school functions as a hub allowing specially trained certified teachers in each of the classrooms to initiate needed courses. Schools are able to receive college courses.
ND	2002	Dakota Carrier Network	\$492,545	E	1	Funding has allowed the Network to complete Phase 2 of the North Dakota State network which will make it possible to install network equipment in K-12 schools and libraries across the state.
NE	2002	Rural Health Partners, Inc. d.b.a. Heartland Health Alliance	\$164,640	E	3	Funding is being used to expand local medical and educational programming opportunities and improve the quality of health care to rural residents. Interactive Video/Distance Learning Network is being installed and will continue to be predominately used for medical and education distance learning.
NH	2005	Exeter Region Cooperative School District	\$499,330	E	5	The project will install IP-based video conferencing equipment, while offering educational opportunities to students, teachers, and community members over the Internet.
NM	2004	Northwest Regional Education Cooperative	\$398,936	E	1	The grant is providing interactive video equipment to help establish distance learning classrooms in two middle schools and five high schools. Using the new equipment and existing T-1 connections, the schools will be able to offer additional educational opportunities to the students.
NM	2002	University of New Mexico-Gallup	\$432,526	E	4	The funding is adding four new telemedicine sites and one new distance learning site to an existing network. The telemedicine part of the project is funding a telepathology system, as well as a cardiac rehabilitation and prevention program. The distance learning part of the project is funding network upgrades for the hub site, graphic design software, computer hardware for wireless computer labs, network printers and other component.
NV	2005	White Pine County School District	\$500,000	E	4	A distance learning network, including portable and studio interactive videoconferencing and video streaming equipment, is focusing on professional development in math and science, training for staff and faculty, and providing community outreach services to the remote school end-user sites.
NY	2004	Cattaraugus-Allegany-Erie-Wyoming BOCES	\$498,979	E	1	The project has established an audio-video network, which enables more than twenty thousand culturally and economically disadvantaged, rural, elementary, native & non-native students, parents and teachers to participate in interactive, audio-visual teaching and learning experiences in distance learning labs and school classrooms.
NY	2001	Copenhagen Central School	\$473,900	E	3	Funding of the project has provided an innovative career awareness curriculum designed specifically for rural schools, reinstate, maintain and enhance agricultural science programs in two counties that rank first and third in raw milk production, and provide high-quality, ongoing professional development to rural school educators who have been historically isolated by the physical distance and extreme weather typical in this region of the

						United States.
OH	2005	Allen County Health Partners, Inc.	\$339,641	M	4	Five clinics and twelve providers in rural Ohio are linked up through an Electronic Medical Record system, which is the primary source of information and documentation regarding patients and enables attending physicians to access a patient record and make medical treatment decisions based on actual data.
OH	2005	Adams County Hospital	\$141,812	M	4	Home health care nurses use wireless Internet laptop computers, video conferencing software and cameras, and portable equipment to enable clinical documentation and results reporting of patient visits in rural areas.
OK	2002	Lane School	\$497,000	E	1	Funding has gone to equipping classrooms with wireless computers and audio/video equipment for distance learning applications, while enhancing educational outcomes and helping students discover educational tracks that will lead to jobs for graduating students in these isolated and impoverished rural communities.
OK	2002	Wapanucka Public School	\$498,000	E	3	Grant funds have helped enhance learning opportunities and enrich the educational experience for all rural Oklahoma students by expanding a district learning network at five locations. The project makes it possible for students to take advantage of sophisticated individually paced learning programs necessary to redress learning difficulties encountered in reading and math at the elementary school level.
OK	2003	Caddo Kiowa Technology Center	\$498,735	E	3	The funds have established a distance learning project in rural western Oklahoma which will connect eight school districts with six existing distance learning sites and the Caddo Kiowa Technology Center. Video conferencing and computer systems will be installed in small rural distance learning classrooms, which provide expanded course offerings.
OK	2005	Western Oklahoma State College	\$485,490	E	4	Ten schools, one university, one community college, and the Museum of the Western Prairie along with partnership of the Cheyenne Arapahoe Tribe will create a distance learning network. Offerings over the network include teacher training, introductory Cheyenne Arapahoe language training, and remedial math preparation.
OR	2002	Samaritan North Lincoln Hospital	\$317,687	M	3	The grant funds are expanding an existing telemedicine and distance learning videoconferencing and data network. The project provides the expansion of administrative conferencing and meetings to reduce travel, costs, and increase participation for health care professionals, continuing education for health care providers, and medical consultations with rural patients which will assist with overcoming the shortage of physicians, particularly medical specialists.
OR	2005	Libraries of Eastern Oregon	\$53,885	E	4	The project is providing rural Oregon schools in fifteen communities with easy access to standards-based science programs and professional development opportunities using videoconferencing equipment.

OR	2001	St. Charles Medical Center Foundation	\$321,447	M	1	The grant has updated an existing regional telemedicine network to enable medical procedures to be performed in Oregon's largest healthcare service area. Expanding access to quality health care service by enabling medical procedures to become available in this region where costs, both human and financial, have impeded access to quality care and health care professionals.
PA	2002	Wayne Memorial Hospital, Inc.	\$500,000	M	4	The funds are being used to convert traditional radiology services to teleradiology system and x-ray system is being upgraded to digital images. In addition to x-rays the system accommodates Ultrasound, CT Scans, MRI and Digital Floor images. The upgrade saves valuable time when treating trauma, cardiac and pediatric cases.
PA	2002	Greene County Industrial Development Authority	\$456,647	E	7	A private Wide Area Network was developed for Greene County schools, government and a hospital that will provide access to high speed fiber optic lines. The WAN provides the flexibility to unite pre-existing software and programming, with custom-designed options for education, online information, consulting and links to health and human services agencies.
SD	2004	Horizon Health Care, Inc.	\$202,720	M	3	With the funding, they have established the Rural and Frontier Telehealth Network Project with the focus being the health disparity, recruitment and retention of health care providers, economic development, and bioterrorism within the distance learning project.
TN	2001	Polk County Board of Education	\$500,000	E	7	Funding has helped to install distance learning equipment in elementary, middle and high school classrooms to enable them to participate in shared instruction. The goal of the project is to use the tools of technology to improve student achievement and positively impact local communities by reducing the disparity in course offerings and instructional quality between these rural school districts and more 'resource-rich' areas.
TX	2003	Region XIV Education Service Center	\$500,000	E	1	The project is expanding an existing distance learning network to include the Lab Solution portable set top video conferencing system to enable the schools to conduct hands-on laboratory and shop type classes.
TX	2003	Coastal Bend College	\$475,000	E	1	The project is designed to provide CBC with maximum flexibility in efficiently and economically utilizing its teaching staff to provide course offerings on a timely basis to each of the four campuses. Also, the number of classes offered, provide business technology students with access to business and information technology, as well as provide students with greater flexibility and the best opportunity to complete their chose degree plan is expanding.
TX	2001	Hill College	\$176,266	E	1	A distance learning network is being created to deliver academic, vocational and continuing educational coursework to the smaller school districts in the surrounding service area.
TX	2002	San Antonio College	\$312,315	E	3	The grant funds are assisting rural Texas communities to access enhanced educational opportunities through videoconference and web-based distance learning.

						Grant funds are being used to expand upon existing networks in East Texas to utilize them for distance learning purposes. The nonprofit organizations, YMCA's, churches, colleges and K-12 schools, serving as a project partners are tailoring the programs to meet their individual needs.
TX	2002	Cypress Valley Alliance	\$500,000	E	3	
TX	2003	Mt. Pleasant Independent School District	\$441,426	E	3	Funds are being utilized in a collaborative distance education project to link forty-three school districts. Over four thousand educators in the local rural schools will have access to higher education video conferences and over fifty-five students and adults in the various communities will gain access to college courses, continuing education, adult literacy, specialized training and other services.
TX	2005	Ricardo ISD	\$248,580	E	4	Ricardo ISD is providing Internet-based interactive distance learning for students in grades 2nd-8th, interactive career and technology development for students in grades 5th-8th, professional development for educators, and distance learning opportunities for community members.
TX	2005	Region 16 Education Service Center	\$500,000	E	4	The project installed new videoconferencing equipment which will provide virtual field trips, live instruction through the sharing of teachers, streaming content of archived video sessions, and curriculum enhancement.
UT	2002	Central Utah Educational Services	\$322,322	E	3	The funds have been used to purchase teleconferencing which will enable end-user sites to provide new services such as educator-to-educator collaboration, school nurse consultation, and psychological services.
VT	2002	Visiting Nurse Alliance of VT and NH, Inc	\$400,000	M	3	The grant funds for a telemedicine project that will improve the quality of life by increasing individual patient coverage, nurses being able to monitor more patients, reduction in the amount of time currently spent on paperwork, reduction in the time clinicians spend traveling and increasing the accuracy of the reimbursement process.
WA	2005	Colville Confederated Tribes	\$449,636	M	1	Funding is allowing residents of the area to save valuable travel time to receive basic radiology services and physicians will be able to diagnose problems much faster than they can at present.
WA	2003	Wellpinit School District	\$250,000	E	4	The grant funding is providing advanced telecommunications equipment to deliver educational services to underserved residents. Funding is supplying district with laptop computers and supervised instruction for approximately fifty students unable to participate in a traditional school setting.
WI	2005	Highland School District	\$303,064	E	5	The project will wirelessly network stationary and mobile computers, providing greater flexibility for teachers and students.
WV	2005	Roane County Schools	\$485,825	E	4	Each elementary school in the district received a Wireless mobile learning lab, supplemented by notebook PCs for teachers, whiteboards and digital projectors, all employing VOIP and other interactive technologies.

WV	2004	Southern West Virginia Community and Technical College	\$372,900	E	5	The college deployed an integrated video-conference based distance learning system that will provide courses to 15 isolated rural high schools. Each school is equipped with an Interactive class room and the links will be provided through the West Virginia State Intranet. Every school has access to coursework from any of the college's four campuses.
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* Rating codes: 1=project complete and functioning; 2=project complete and not functioning; 3=project complete and functioning and beyond the end of the government period of interest; 4=project not complete but on schedule; 5=project not complete and not on schedule; 6=cancelled or rescinded.