

Annual Report

National Network of Libraries of Medicine - MidContinental Region

May 1, 2003 - April 30, 2004

Contract No. N01-LM-1-3514

Spencer S. Eccles Health Sciences Library
University of Utah

Submitted October 21, 2005

Table of Contents

Executive Summary

Personnel Changes	2
Basic Program	2
Outreach Program	3

Basic Program

Personnel	4
Assessment and Evaluation	5
Education	6
Library Improvement	6
Technology	7

Outreach Program

State Outreach	11
Consumer Health	13
Public Health	14
Community Outreach	16

Appendices

Appendix A CE and Conferences attended by NN/LM MCR Staff	20
Appendix B Exhibits and Presentations at Meetings	22
Appendix C Regional Outreach Reports	24
Appendix D Regional Outreach Maps	30
Appendix E State Outreach Maps	33
Appendix F Subcontractor Outreach Reports	40
Appendix G Subcontractor Outreach Maps	46

Executive Summary

Personnel Changes

There were considerable changes in personnel this year. Out of thirteen positions in the RML program there was a turn over in five of them. In most cases, there was no break in service because the new person was already working for the library and simply transferred to the RML from another department. Kansas' combined position was separated to become two positions: Kansas Liaison and Technology Liaison.

Basic Program

Betsy Kelly, Assessment and Evaluation Liaison, introduced the logic model as a program planning and evaluation tool to the NN/LM MCR. Logic models were adopted and the first one was constructed in the planning of year 04 activities. Ms. Kelly is moving us away from a narrative monthly report to web collection of activity data that can be more easily analyzed.

The Network Data Inventory summary report was finally completed when we hired a technical writing consultant. This report was reviewed by all NN/LM MCR staff, who then contributed to the section on implications for programming.

The NN/LM MidContinental Region provided three significant professional development opportunities for Network members in the region. Mary Henning, Wyoming Liaison, organized the "First Annual Symposium for Health Information Professionals" for Network members and all

others interested in distributing health information in Wyoming. This meeting was subsidized by the NN/LM MCR and the University of Wyoming and attracted 16 health sciences and public librarians, and health professionals.

Ms. Kelly worked with staff at the NN/LM Pacific Northwest Region to develop a new class, primarily for hospital librarians, but useful to all librarians. This workshop, "Measuring your Impact: Using Evaluation to Demonstrate Value," was piloted with the Colorado Council of Medical Librarians in Denver. The class offers participants tools that can be used to communicate to administrators the services that the library provides to its parent institution.

J. Randal Johnson, Ph.D. and Claire Hamasu, Associate Director, pooled their experience to teach a proposal writing class in three states of the region. A curriculum already developed by Dr. Johnson formed the core of the workshop and Ms. Hamasu supplemented it with information on the funding offered by the NLM and the NN/LM MCR. Workshops were scheduled to assist Network members who were considering proposals for the Electronic Access to Health Information RFP.

To support digital activities in the region, the NN/LM MCR contributed funding to the Bernard Becker Medical Library for its DSpace pilot. The library in turn offered their experience to other Resource Libraries interested in beginning their own institutional repositories. In a teleconference, the library provided an overview of the decisions that are required to start a project like DSpace and made available workspace for each of the Resource Libraries.

Sharon Dennis, Technology Coordinator, worked with the National Training Center and Clearinghouse to successfully support a PubMed workshop between two institutions. Using NetMeeting and VRVS the instructors, based in Salt Lake City, taught participants located in Salt Lake City, Utah and Loma Linda, California.

Outreach Program

Major accomplishments were seen this year in the area of the newly named Community Outreach Program. The listserv that Siobhan Champ-Blackwell, Community Outreach Liaison, had been managing was reworked into the BHIC (Bringing Health Information to the Community) Blog. Because a blog provides an organizational structure to the information, users can more easily locate the news of most interest. The MidContinental Regional Medical Library and the New York Academy of Medicine received funding from the National Library of Medicine to organize the “Community-Based Health Information Outreach Symposium.”

The Tribal Connections Four Corners collaboration met in Tucson, Arizona and determined its approach to improving access to health information among Native Americans in the Four Corners area.

Through the NN/LM MCR, the NLM funded the collaboration to collect health service data in the Four Corners region to add to Go Local.

Missouri was the second state in the country to offer its Go Local resources through MedlinePlus. This was a collaboration of many agencies including the J. Otto Lottes Health Sciences Library. When the National Library of Medicine began soliciting states to participate in Go Local, the University of Wyoming was ready and Wyoming will be the next state in the region to link health services to MedlinePlus.

The staff continued to work toward the outcomes established for the Public Health and Public Library Outreach Evaluation. The state library and state public health departments for Wyoming and Utah have hot links to NLM resources. Forty two demonstrations or training activities have been conducted for public librarians and 23 demonstrations or training activities have been conducted for public health professionals. Contacts have been made with the state public health departments in Wyoming, Nebraska, Colorado and Utah to inform them of the resources available from the National Library of Medicine and their state Resource Library. In November, the NN/LM MCR hosted the NN/LM public health train-the-trainer session at the Eccles Health Sciences Library. Stephanie Weldon, Consumer Health/Colorado Liaison, is part of the team developing a community library web page for public librarians who want to collaborate with other community agencies to provide health information.

A new web site for small rural health facilities to use as a home page was developed by Ms. Weldon. This should be useful for hospitals and clinics that do not have a health sciences librarian.

Basic Program

Personnel

There were many changes in personnel this year, most taking place at the beginning of the year. We were sorry to lose staff, but

their successors bring experience and new strengths to contribute to the program. The University of Kansas decided to divide their RML responsibilities among two separate positions. They now have a .7 FTE Technology Liaison and a .7 FTE Kansas Liaison. This was done with no change to their budget.

NN/LM MCR STAFF CHANGES

	<i>Departing Staff</i>	<i>New Staff</i>
Library Improvement Network Membership (new title)	Deborah Sommer (relocated)	Barbara Jones
Technical Director Technology Coordinator (new title)	Michael Carr (resigned)	Sharon Dennis
Wyoming Liaison	Susan Whitson (relocated)	Mary Henning
Public Health/Utah Liaison	Kay McCloskey (retired)	Molly Youngkin
Fiscal Manager	Wanda Ramos (resigned)	Amber Molyneaux
Kansas Liaison (new position)		Janet Ashwell

Based on the experience of a number of Resource Libraries, directors were advised to carefully watch vacation time and encourage liaisons to use their annual vacation allotment. The payout for vacation when a liaison leaves the position can have a major impact on the budget for the rest of the year. Budgets are not meant to cover large vacation reimbursements.

The Inner City and Minority Services Liaison changed her title to Community Outreach Liaison. Use of the terms “inner city” and “minority” were confusing to some and insulting to others. Community Outreach is more encompassing and descriptive of the kind of broad based long-term outreach the MidContinental Region is attempting.

Ms. Henning published an article, “UW Libraries Hosts First Annual Symposium for Wyoming Health Information Professionals” in Check It Out! Newsletter of the UW Libraries.

(<http://www.lib.uwyo.edu/newsletters/checkit/CheckItOut,July2003.pdf>).

NN/LM MCR staff members attended numerous continuing education sessions and conferences this year. [See Appendix A for a listing of conferences and CE attended]

At the request of the Associate Director, Ms. Henning kept a workload log of administrative activities. This encompasses responsibilities such as meetings, emails, planning, report writing and institutional functions, but does not include outreach or basic activities like site visits and training. She discovered it takes about 40 hours per

month, approximately .25 FTE, to carry out these activities. Liaisons have a problem determining how much can be scheduled. With the information provided by Ms. Henning, liaisons now know that services to the region should be scheduled for no more than 75 % of their time.

Julie Gaines, from the NLM Associate Fellowship Program, visited Denison Memorial Library. Ms. Weldon arranged for a week's worth of visits and activities for her. One of the projects she completed was a handout for the Colorado Hospital Association on the benefits of having a hospital librarian.

Assessment and Evaluation

The Regional Advisory Board meeting was held in Denver, Colorado on September 18-19, 2003. It was hosted by Denison Memorial Library at PASCAL (a shared storage facility for Colorado academic libraries) located on the new Fitzsimons Campus of the University of Colorado Health Sciences Center (UCHSC) and the University of Colorado Hospital (UCH). The Board contributed excellent suggestions on steps that the NN/LM MCR could take to promote the value of hospital librarians/libraries as well as beginning the planning of activities for the next year.

Ms. Kelly participated with the awards funding task force, reviewing the process with NNO staff. She contributed to the draft of recommendations. In addition to ideas for streamlining the award process itself, the workgroup shared ideas for resources that could improve communication about NN/LM awards.

Collect and evaluate data about Network services and activities

Ms. Kelly completed a two week Institute on Outcomes Based Evaluation at the University of Illinois at Urbana-Champaign focused on using the logic model in project planning and evaluation. Upon Ms. Kelly's recommendation, the NN/LM MCR has adopted the logic model as the foundation for its program planning and evaluation. Ms. Kelly created a logic model spread sheet and instructed staff on how to use it. The logic model consists of goals, outcomes, activities, indicators, outputs, quantity of activities, attendees for each activity, and responsible liaison. The logic model should allow us to consistently evaluate all of our services to Network members. Staff diligently created a logic model for their year 04 plans with coaching from Ms. Kelly and Ms. Hamasu.

Coordinate reporting activities to include quantitative and qualitative/anecdotal information on assessment and evaluation

Ms. Kelly is developing a new web based form to facilitate gathering liaison activities. This system is written in mysql and php. The system will also be used to produce reports that include quantitative and qualitative/anecdotal information.

The report of the Network Member Inventory results was submitted to NLM following substantial edits by Elaine Graham, consultant. Liaisons added their comments on implications of the data to the NN/LM MCR and their project areas. Ms. Graham was contracted to write the final report on the results of the focus groups held with Network members. This report will be submitted next year.

NN/LM MCR staff contributed regional data for the mid-term report of the Public Health Outreach Evaluation and the Public Library Outreach Evaluation initiatives. Details of the activities carried out to accomplish objectives for this evaluation project are available in the Public Health and Consumer Health sections of this report.

Education

A link from the NN/LM MCR web site connects Network members to a collection of management and technology e-books purchased from netLibrary. We have not consistently tracked the circulation of these monographs. During the first quarter of the year, members borrowed 22 books primarily in the library management topic area.

Educate health professionals and Network members on how to find quality health information

Ms. Weldon renewed the Complementary and Alternative Medicine class with MLA and added additional NN/LM instructors from the other regions. MLA asked that the workshop be submitted as a possible class for the 2005 conference.

Ensure Wyoming Network and Affiliate members are well trained to perform necessary functions related to health information access

Ms. Henning planned and implemented the "First Annual Symposium for Health Information Professionals." It was held on July 10-11, 2003 in Laramie, Wyoming. The meeting was developed for librarians and others who are interested in health information. It brought together sixteen public and health sciences librarians, as well as health professionals from around the state. Liaisons and staff from the University of Wyoming provided instruction.

Library Improvement

Ms. Kelly worked with Cathy Burroughs and Maryanne Blake from the NN/LM Pacific Northwest Region and taught "Measuring your Impact: Using Evaluation to Demonstrate Value" on April 2, 2004, in Denver for the Colorado Council of Medical Librarians. This workshop offers another tool for hospital librarians who want to improve their status in their hospitals. The feedback on the class provided suggestions on how it can be made even more useful to Network members. This effort was funded by the National Outreach Evaluation Center and the course will be offered through the RMLs and the MLA CE program.

Coordinate membership program

Barbara Jones, Network Membership/Missouri Liaison, coordinated writing the procedures for recruiting new Full and Affiliate Network members. Responsibilities are being shared by all the state liaisons for recruitment and membership agreements. The Administrative Assistant in Salt Lake City is tasked with maintaining a database to ensure that new member packets, welcome letters from the director and certificates are sent out in a timely manner. The membership brochure was revised in order to reflect changes in staffing.

Molly Youngkin, Public Health/Utah Liaison, reviewed and cleaned up Utah's DOCLINE institutional records. Five institutions or libraries, of the 34 listed in DOCLINE, have closed and 4 have changed from Full to Affiliate status. Review of the records will continue.

Based on our DOCLINE records, the region has added ten new libraries to its membership; eight were Affiliate members and two were Full Network members. Half of the new members came from Colorado. Eight library records were marked closed in DOCLINE. Most were part of the review

and clean up of records, but two hospital libraries were closed by hospital administrations without much advanced notice. Despite protests from physicians and the communities they serve, the libraries remain closed. One of the libraries was at Denver Health Medical Center in Colorado and the second library was at St. Francis Health Center in Topeka, Kansas. Ms. Hamasu and Lenora Kinsie, MCMLA chapter incoming chair, issued a statement of support for hospital librarians and of the commitment from both organizations to programming that would support hospital librarianship.

Coordinate DOCLINE Services

Lynn Wilson, Director of the library at Primary Children's Medical Center, and Nancy Woelfl, Director of McGoogan Library of Medicine, have agreed to be members of the advisory board for EFTS. Sixteen new EFTS participants joined during the year.

The University of Wyoming Libraries and Denison Memorial Library increased their ILL fees to the Network above the \$11.00 base rate. Ms. Henning met with Lori Phillips, Assistant Dean of the University of Wyoming libraries, to explain the national maximum concept and the need to inform the NN/LM MCR when such actions are in the works. Denison Memorial Library asked about the authorization for the national maximum rules. NLM is researching the issue to prepare a response and is reviewing the rules it has set for the national maximum.

To provide smooth adoption of DOCLINE 2.0, liaisons met with the heads of their ILL departments to inform them of the changes being made to DOCLINE and encouraged them to test the system. To prepare Network members, the NN/LM MCR video recorded Camille Salmond, ILL Supervisor at Eccles Health Sciences Library, describing the

changes that would be available. This video will be streamed from our web site.

Increase the number of Network members who apply for NLM and NN/LM awards

“Grant Writing for \$ucce\$\$” is a grant writing workshop developed to assist members who were applying for NN/LM MCR and NLM funding. The instructors, Randal Johnson and Claire Hamasu, traveled to Kansas, Missouri, and Colorado for in-person classes and to shake out the presentation and timing of the course. Participants highly rated the course. At the beginning of the next year this course will be taught via Polycom videoconferencing as an interactive distance education class.

Technology

Encourage the creation of digitization projects across the region

The NN/LM MCR is partially funding the DSpace project at Washington University with a subcontract to explore its use and share experiences with the region. Paul Schoening, Director of the Bernard Becker Medical Library at Washington University, arranged for two teleconferences for the Resource Libraries in the region. He and Ms. Kelly described the decisions that need to be made to implement DSpace and demonstrated the features of the archive. An experimental space was established for Resource Libraries on the Washington University DSpace server. Following the demonstration, Resource Libraries investigated their options for a depository product and the resources they would archive. A survey of Resource Libraries indicates the following activity for institutional archives:

University of Wyoming:	An engineering faculty member is very interested in an institutional archive for engineering student projects. They will explore DSpace as the software product.
Creighton University:	The library will use Hyperion Digital Media Archive by Sirsi since Creighton is on the Sirsi system.
University of Colorado:	CARL (Colorado Association of Research Libraries) is looking at the institutional repository as a group venture. Denison will wait and see what develops.
University of Kansas:	The University of Kansas has DSpace. It will archive papers that are part of a student symposium as soon as they can convince the students that it's a good thing to make their publications widely and freely available. Students are concerned that pre-publication in DSpace will prohibit them from submitting a paper to a journal.
University of Utah:	Will explore using DSpace
MCR:	Will archive NN/LM MCR documents in the DSpace provided by Washington University

Enable Network members to become leaders in Personal Digital Assistant and mobile computing areas

Whitney Davison-Turley, Technology Liaison, developed the presentation "PDAs in Libraries and Health Care Settings" for MCMLA. Due to her pregnancy, Ms. Davison-Turley was not able to travel to the meeting and offer the workshop. She enlisted John Bramble from Eccles Health Sciences Library as her replacement instructor.

Create opportunities for Network members to participate in distance education and collaboration

Ms. Davison-Turley developed and presented "Today's Technology" for the Wyoming Symposium for Health Information Professionals. Because Ms. Davison-Turley was unable to travel to Wyoming, her presentation was pre-recorded and made available via VHS video and in a streaming format on the NN/LM MCR web site. She was "present" via telephone to answer questions.

Ms. Dennis tested video hardware and software with different groups. In August, she worked with staff from the National Training Center and Clearinghouse and Loma Linda University to test NetMeeting and VRVS (<http://www.vrvs.org>) for the PubMed class to be offered in October 2003. The technology for the class worked well throughout the day, with only brief periods of Internet congestion in the afternoon. The successful completion of this class shows that it is possible to offer point-to-point (Salt Lake City to Loma Linda) distance education to a remote location that has no specialized videoconferencing equipment. Ms. Dennis also worked with each of the Resource Library Directors to test their Polycom videoconferencing units. Since January 2004, all meetings of the library directors are conducted using videoconferencing.

Ms. Weldon and Ms. Davison-Turley supported the MLA satellite conference on Health Literacy. The first by arranging for the downlink, the second by providing funding to pay for the downlink. Ms. Champ-Blackwell arranged for the downlink to Creighton University of the Annual

Minority Health Conference sponsored by the University of North Carolina.

Provide support and consultation for liaison and Network member projects

Ms. Davison-Turley led LinkOut implementation in the region, including providing a nearly unique service in the NN/LM, that of custom designing LinkOut buttons for interested participants. Six libraries took advantage of this service.

Ms. Davison-Turley developed instructions for setting up the SSH client and DreamWeaver Studio MX for NN/LM staff and placed them on the intranet. She also created a template for adding web pages to the NN/LM MCR site. In November, Ms. Dennis presented a session for NN/LM MCR staff on uploading web pages via SSH and on the basics of DreamWeaver. This training was to encourage an increase in content on the NN/LM MCR web site.

Ms. Dennis configured the blog entitled, "Bringing Health Information to the Community." This included editing the blog templates and style sheets so that the blog had the formatting and functionality desired by Ms. Champ-Blackwell. On March 11, 2004, the blog went live.

Ms. Davison-Turley and Ms. Champ-Blackwell are developing a web site which will host classes to teach finding and evaluating online health information integrated with how to use NLM consumer health resources.

Support the use of the portable video broadcasting unit, allowing institutions to stream events of significance

The NN/LM MCR is a proponent of life long learning for Network members. To increase the availability of educational opportunities, we are supporting the production and access of presentations through our videobroadcasting activities. Ms. Dennis is piloting the effort with our Resource Libraries. She developed a

videobroadcasting training class and taught the class at Creighton in March 2004. A portable videobroadcast unit will be made available to all institutions who have received training so that they can broadcast local events that will be of interest to the region.

Explore new forms of technology that health providers and consumers can use to facilitate access to health information

The rapidly improving new communication technologies are very encouraging. However, reliability is still an issue. A flawless test does not mean that everything will work during the real session. Ms. Dennis and Ms. Davison-Turley are exploring different types of videoconferencing (including a telehealth bridge, Polycom ViaVideo point-to-point, and VRVS). Ms. Dennis experimented with different types of videoconferencing for distance learning. In February 2004, she worked with NTCC to coordinate a class taught from Salt Lake City, Utah to students in Loma Linda, California. The class used NetMeeting for audio, video and data sharing.

Based on her experience, Ms. Dennis developed the videoconferencing class, "Can You Hear Me Now? Internet Collaboration Tools Using Video, Audio, and Chat." It will be offered next year to Network members.

Network members were invited to participate in our Regional Advisory Board discussion on hospital libraries via teleconference and two members took us up on our offer. The original plan was to have comments and questions submitted via instant messaging, but there were connectivity problems. The videobroadcast of the meeting also ran into problems in the connection with Utah and we were unable to stream the meeting over the Internet.

Continue to support the development and evaluation of NLM and NN/LM's web based resources

Ms. Dennis is leading the redesign of the

NN/LM MCR web site. She added a short survey to the NN/LM MCR home page to gather information from our users regarding their use of the web site.

WEB PAGES REVISED

Inner City:	http://nnlm.gov/mcr/inner_city/
Consumer Health Collection Development:	http://nnlm.gov/mcr/consumer_health/chcolldev.php
NN/LM MCR Consumer Pamphlets and Brochures:	http://nnlm.gov/mcr/consumer_health/pamphlet.php
NN/LM Grants:	http://nnlm.gov/projects/funding/grants.html
NN/LM Ejournals:	http://nnlm.gov/libinfo/ejournals/
Free resources for health professionals:	http://nnlm.gov/mcr/states/healthprof.php
Technology page:	http://nnlm.gov/mcr/technology/
Emerging Technologies Update:	http://nnlm.gov/mcr/technology/EmTechHO.pdf
"Creating Influence" video by Frank and Lisa Traditi:	http://nnlm.gov/mcr/education/video.php
MLA tapes available for borrowing:	http://nnlm.gov/mcr/ill/

Outreach Programs

State Outreach

State Outreach was light in Missouri this year as Ms. Jones concentrated on her Network membership responsibilities. Outreach in Utah to promote health information access has been taken on by the Eccles Health Sciences Library outreach team. The Utah Liaison is part of this team and contributes to the planning and decision making. However, she does not participate in all of their activities. Although it may seem that Utah is not being well served, that is a false perception due to the work of the library's outreach librarians.

Inform health organizations and libraries about health information resources and services of the NN/LM MCR

NN/LM MCR staff carried out 139 outreach activities throughout the region in order to introduce and train librarians and health professionals to use NLM resources.

Ms. Davison-Turley added 29 people to the MCMLA list. This is a list that is shared by the MLA chapter and the NN/LM MCR and is our primary medium for communicating with Network members.

Ms. Weldon built a web site for rural hospitals that do not have any library support. This provides links to free, reputable, health information resources. (<http://nmlm.gov/mcr/states/healthprof.php>) Ms. Henning worked with Dr. Karen Ouzts, University of Wyoming Nursing faculty, to develop a survey intended to measure how nurses in practice use evidence-based information to inform their practice. They made site visits to hospitals, public health clinics, and academic and public libraries to collect data on information access and to

arrange for pilot testing of the survey. The survey will be administered next year.

Ensure that health organizations and libraries are able to access health information resources through links on their web sites

Liaisons encouraged public health agencies and public libraries to add links to NLM health information resources. The Utah and Wyoming Liaisons were successful in getting resources linked from their state library and public health web sites.

Communicate with health and library related organizations, agencies, and institutions

Ms. Weldon, with the Colorado Council of Medical Librarians (CCML) advocacy committee, is developing a letter to be sent to hospital administrators on the importance of the library in their institution. This letter will be signed by the director of the Regional Medical Library and will be sent on NN/LM MCR letterhead.

Maintain communication with Network members

The NN/LM MCR published four issues of *Plains to Peaks Post* in print and electronic formats and issued weekly compilations of informative items relevant to librarians with an interest in biomedicine and consumer health via the *RML News*.

Liaisons regularly attended state and city health sciences library group meetings in Colorado, Utah, Kansas, Missouri, and Nebraska. They visited sixteen Full Network member libraries and fourteen Affiliate member libraries during the year. The NN/LM MCR exhibited and offered an RML update at MCMLA.



At MCMLA, Network members put together the pieces that make up the RML program puzzle

Continue to exhibit, teach classes and give presentations throughout the region

[See Appendix B - Exhibit list]

[See Appendices C-F for reports and maps of presentations and classes]

The NN/LM MCR staff provided approximately 126 classes and presentations this year teaching primarily MedlinePlus and PubMed.

The following provides a count by state of outreach activities that included classes and presentations:

52	Nebraska
37	Colorado
18	Utah
13	Kansas
9	Wyoming
8	Missouri

The NN/LM MCR exhibited at six national meetings that were assigned by NLM and submitted reports on our experience.

- American Association of Diabetes Educators
- American Medical Student Association
- American Veterinary Medical Association
- National Rural Health Association
- National Rural Educators Conference
- Third International Conference on Mobile Health

Because liaisons are located in every state it is much easier for us to travel to and exhibit at local health professional meetings. We exhibited at twenty-three local meetings. Nine were related to the Community

Outreach program, and four related to the Public Health program. The NN/LM MCR exhibited at all state library association and public health association meetings.

Consumer Health

Ms. Weldon, in consultation with the Consumer and Patient Health Information Section (CAPHIS) of the Medical Library Association, developed an interface and a database that contain resources (i.e., web sites, pamphlets, books, experts) that are recommended by members of the CAPHIS listserv. These are extremely useful recommendations that are lost in the listserv's archive because searching for them is difficult. Ms. Weldon has populated the database with suggestions from the CAPHIS archive. She has encountered difficulty in getting subscribers to add to the database when they make suggestions on the list and in recruiting CAPHIS members to add the backlogged resources to the database.

Missouri Go Local went live March 17, 2004. It was the second Go Local site to be promoted by the National Library of Medicine. Missouri Go Local is using the local Community Connection system rather than the NLM hosted system, requiring index mapping of services categorized by the Alliance of Information Referral Systems taxonomy to MedlinePlus topics. The J. Otto Lottes Library is overseeing the mapping of the resources being added.

Wyoming was the second state in the region to submit a proposal to NLM to develop a statewide Go Local. The University of Wyoming proposal was accepted and will be one of the first projects to use the NLM hosted system. Liaisons in Colorado, Nebraska, Kansas, and Utah contacted local organizations about collaborating to develop Go Local in their states. Organizations that already have directories (e.g., 211 or state libraries) have been the primary candidates.

Links to MedlinePlus are available from the Wyoming and Utah state library web sites. Liaisons are making contact with public library personnel at all levels of the organizational chart to promote the use of MedlinePlus. Making contact with a reference librarian who is involved in providing consumer health information seems to be most conducive to getting MedlinePlus promoted at a particular public library.

Increase confidence level and skill of public librarians in answering health related questions

Liaisons submitted proposals to get on the program at their state library association meetings. In Utah, Kay McCloskey demonstrated NIH Senior Health at the Utah Library Association spring meeting and Ms. Youngkin was one of the presenters of the session, "Consumer Health Information Partnerships: Utah's Libraries Empowering Health Citizens" at the fall workshops. Ms. Champ-Blackwell introduced Nebraska librarians to "Finding Health Resources: Focus on Culture" and Ms. Davison-Turley encouraged "Mobile Access to Health Information" in Kansas.

Liaisons are part of the planning committee for "Unlocking the Mystery of Consumer Health." This is a conference sponsored by the University of Missouri-Columbia for public librarians. The conference will be held in the summer of 2004. Several liaisons have been asked to present at this meeting.

Seventy-five demonstration/training activities have been conducted in the region for public librarians this year. Forty-two activities have been carried out by NN/LM MCR staff and the remaining activities by Network members as part of their subcontracts. These training activities have taken place in public libraries, at state library meetings, and at regional meetings and primarily focus on MedlinePlus. The NN/LM MCR funds projects that are promoting resources and offering services to

public libraries and the community. This year the projects that have contributed to the training of public librarians have included:

“MEDLINE in the Mountains”

Poudre Valley Health System Medical Library in Ft. Collins, Colorado

“Consumer Health Education Outreach with an Emphasis on Native American Outreach”

John F. Reed Library, Fort Lewis College in Durango, Colorado

“Consumer Health Education and Promotion Plan”

Medical Library, St. Johns Health System in Springfield, Missouri

“Access to Electronic Health Information for Denver”

Denver Public Library and Healthy People 2010 in Denver, Colorado

Encourage relationships between public libraries and community “health information partners”

Ms. Weldon is on the NN/LM team designing the community library web page that will be a resource for public librarians who want to collaborate with other community agencies to provide health information. This web site will fulfill one of the objectives of the Public Library Outreach Evaluation logic model, “Encourage relationships between public libraries and community health partners.”

The NN/LM MCR is trying to establish health sciences library/public library groups in each of our states. Ms. Weldon has successfully established a group in Colorado that meets regularly and we are working to emulate that model in the other states. Janet Ashwell, Kansas Liaison, contacted interested librarians about setting up a consumer health information interest group in Kansas. The Wyoming Symposium brought together health sciences and public librarians from Wyoming. One of the outputs from this meeting is a listserv with both health sciences and public librarian subscribers. The Health Round Table (HeaRT) is meant to be a multi-type library

section of the Utah Library Association, but only one or two of its members are non-health sciences librarians. This would be a group that the NN/LM MCR should work with to increase its public and academic librarian membership.

Public Health

Integrate knowledge skills into the education and training programs of state health departments

NN/LM MCR liaisons conducted twenty-three demonstration/training activities at public health meetings and public health agencies during the year. Subcontractors conducted 15 activities. The public health workforce was introduced to the Partners in Information Access for the Public Health Workforce web site (<http://phpartners.org>), PubMed and MedlinePlus.

The NN/LM MCR hosted the November 14, 2003 public health train-the-trainer event sponsored by the NLM Public Health Work Group. All RMLs sent representatives to Salt Lake City to review the new Public Health Training Manual written by the Public Health Work Group and to discuss public health outreach issues. Edie Snethen, Advisory Board member from the Kansas Association of Local Health Departments, and Kevin Thompson from the Weber-Morgan Health Department in Ogden, Utah were resource people.

Communicate RML, NLM, NN/LM services/awards information to public health professionals

Liaisons have met with state level public health professionals in Wyoming, Nebraska, Colorado, and Utah to inform them of the availability of information services from their resource library as well as the resources available from the NLM. Contact with the Kansas and Missouri departments of health are still to be made.

The NN/LM MCR funds projects that are promoting resources and offering services to the public health workforce. This year the following projects are helping us to reach the public health community:

- “**Unlocking the Power of Electronic Health Information for Public Health Workers in Kansas**” Farha Medical Library, University of Kansas School of Medicine in Wichita, Kansas and the Veterinary Medical Library, Kansas State University College of Veterinary Medicine in Manhattan, Kansas
- “**Spanish Language Materials**” Park City Public Library in Park City, Utah
- “**Mid-Missouri AHEC**” Mid-Missouri AHEC Learning Resource Center in Rolla, Missouri

Integrate knowledge skills into the curricula of public health programs

Ms. Ashwell became the Archie R. Dykes Medical Library liaison for the University of Kansas Medical Center, School of Medicine’s Department of Preventive Medicine and Public Health. She will work with Dr. Won Choi who is responsible for the Master of Public Health program at the University of Kansas Medical Center to incorporate informatics into their curricula.

Make health department staff more aware of publications produced by the various health departments

The Utah Department of Health (UDOH) continued to submit descriptions of their electronic documents to the Eccles Health Sciences Library online catalog. This access to the department’s publications facilitates access for department’s personnel and the public. A link to the collection is available from the library’s online catalog as well as from a link on the UDOH web site. The Online Public Health Library (OPHL) work group was reconstituted in the last quarter. They will review the goals and progress of the project to determine what can be done to increase the number of documents that are

submitted and to gain the participation of all divisions of the Utah Department of Health.

Increase links to NLM resources on public health web sites

Links to PubMed and MedlinePlus are available from the Utah and Wyoming state health department web sites.

Improve skills in use of NLM resources by public health professionals

Ms. Youngkin continued to work with the NLM Public Health Training Workgroup to develop training materials for the public health workforce. She has been assigned the section on health education resources.

NN/LM MCR liaisons taught ten workshops to public health audiences in Colorado, Utah, and Nebraska. Ms. Weldon was on the program at the Colorado Public Health Conference and presented to over 50 public health personnel. Ms. Davison-Turley assisted Teresa Coady and Gayle Willard with final preparations for their first presentation under the subcontract they have with the NN/LM MCR. They made a presentation at the Kansas Public Health Association meeting.

Increase collaboration among public health agencies and health science libraries

Liaisons have become members of public health committees and regularly attend meetings in order to integrate themselves into the public health community. As a member of the group, liaisons can address information needs as they arise. They can increase their awareness of issues that need to be addressed in providing health information to the workforce and develop allies within the community. Ms. Weldon regularly attends Denver Healthy People 2010 meetings. Ms. Youngkin is a founding member of the Utah Public Health Education and Training Consortium. Organized by the Utah Department of Health Bioterrorism Program, its aim is to

leverage training and educational resources and to integrate activities among state and local agencies.

Community Outreach

Creighton University has been designated a “Center of Excellence” for multicultural health and will now have many programs that support recruitment and retention of minority students in the Medical School. As a result, the Health Sciences Library will be increasing its minority health collection. The NN/LM MidContinental Region’s Community Outreach position is well situated at this institution.

Elizabeth Workman, Eccles Health Sciences Librarian, who was leading the Multilingual Materials Working Group decided to terminate the group. Representatives from the South Central Region, Pacific Northwest Region, Pacific Southwest Region, and projects such as Ethnomed participated. They met regularly via teleconference for a year and did not coalesce enough to work on a project. Although the discussions were interesting and much sharing went on, Ms. Workman decided that there was not enough output to warrant continuation of the meetings.

The NN/LM MidContinental Region and the New York Academy of Medicine were funded by the National Library of Medicine to organize a symposium to explore collaborating with community based organizations as partners in health information outreach, to review NLM’s Strategic Plan for Addressing Health Disparities and to come up with recommendations for the next RFP for the RML contract. The symposium is scheduled for December 2004 at the Lister Hill Auditorium. The two day symposium will feature sessions on NLM’s Strategic Plan for Health Disparities, outreach projects, outreach research, evaluation, and the future.

Develop web resources to disseminate information on minority/inner city health

Ms. Champ-Blackwell maintained a discussion list to disseminate information to minority and inner city organizations. There were approximately ninety subscribers to the list. She saw the outcome of her informal email list in action when several emails she sent out circulated on the Internet and ended up coming back to her or to the Nebraska liaison from people not on the list! At the end of the year the discussion list was terminated and replaced by a blog. Ms. Champ-Blackwell and Ms. Dennis developed a blog for the community outreach program. “Bringing Health Information to the Community” blog went live in March 2004.

(<http://medstat.med.utah.edu/blogs/BHIC/>)

The blog provides information that is of interest to community based organizations such as news items, availability of funding, reports concerning minority populations, minority health issues, and recommended web sites. The blog has been well accepted.

Ms. Champ-Blackwell completed a series of trifolds for each of the four main racial/ethnic groups. Becky Lyon from NLM handed out the trifolds and referred to the Community Outreach web site during her Public Library Association class and found both very helpful. The trifolds, in combination with the Community Outreach web pages, provide liaisons and community members with teaching tools and useful resources.

Ms. Champ-Blackwell is developing a listserv focused on racial and ethnic minorities for NN/LM MCR staff to discuss information access issues for minority populations. The MidContinental Region and three additional RMLs have staff for outreach to minority and underserved populations. These coordinators have started holding regular teleconferences to share experiences and projects going on in their regions. Ms. Champ-Blackwell, Barbara Cosart (NN/LM South Central Region),

Becky Hebert (NN/LM Southeastern Atlantic Region), and Roy Sahali (NN/LM Pacific Northwest Region) are participating.

Train inner city health professionals in accessing resources dealing with minority health and culturally competent care

The NN/LM MCR worked with the East St. Louis Neighborhood Technical Assistance Center (NTAC) (<http://www.eslarp.uiuc.edu/ntac/index.htm>) on August 6, 2003 and was introduced to the technology center network. We exhibited at their meeting then at the Ohio Community Computing Network (<http://www.occn.org/>) Conference in May 2004 and were very well received. The centers are located in predominantly low income areas and offer computer access to the communities. They are eager to partner with organizations that can provide applications that can be taught in the centers.

Provide programming on health information resources to schools, community, and faith-based organizations

Ms. Ashwell joined the Kansas Alianzas group, which deals with the unmet challenges of the Latino population, and attended their first planning meeting for Binational Health Week which addresses the health of the Latino population.

Provide assistance to community and faith-based organizations in applying for or executing projects that seek funding from outside organizations

Ms. Champ-Blackwell consulted with the Black Family Health and Wellness Association (Nebraska), the Nebraska Office of Faith-Based and Community Initiatives, the Omaha Public Library, and the Bryant Resource Center and provided assistance in their proposals for funding.

Assess the information needs of Native American populations and adapt existing programs and partnerships to enhance information access for Native American communities in Wyoming, Utah, and Nebraska

Wayne Peay, NN/LM MCR Director, Ms. Hamasu, Ms. Youngkin and Ms. Weldon attended the Tribal Connections Four Corners partners meeting in Tucson, Arizona from June 26-27, 2003. Also in attendance were representatives from the academic health sciences libraries for New Mexico, Arizona, and Colorado. Staff from the South Central and Pacific Southwest RMLs and the Outreach Evaluation Center were part of the meeting.

During the meeting the partners decided to pursue four objectives:

1. Produce an effective practices resource
2. Establish a contacts database
3. Develop a Go Local resource for the Four Corners area
4. Serve as the information resource for Indian Health Service and tribal clinics

Ms. Hamasu and Ms. Champ-Blackwell are members of the effective practices work group and Ms. Weldon is a member of the needs assessment and Go Local work groups.

Subcontracts were awarded to the University of New Mexico and the University of Arizona for the “**Four Corners on MedlinePlus**” extension to the Tribal Connections Four Corners project. The academic health sciences libraries in three of the states and the three RMLs have agreed to contribute funding for the tribal liaison position. Ms. Hamasu is working with Janis Teal in New Mexico and Jeanette McCray, Tribal Connections Four Corners project manager, to write an agreement that all partners will find acceptable.

In February 2004, Ms. Champ-Blackwell met with Pat Cross, Occupational Therapist at the Carl T. Curtis Health Center in Macy, Nebraska and OT faculty at Creighton University, to help write the proposal for the OT/PT/Speech Pathology eHealth Training Institute. This proposal outlined a program that would develop a web site to be used to train community health advocates of the Omaha Tribe to provide access to information on occupational therapy, physical therapy, and speech pathology health concerns. The proposal was successful and the group will participate in the Allied Health Center for Excellence in eHealth Promotion Programs for

Underserved Populations in Philadelphia, Pennsylvania in June 2004. The eHealth Summer Training Institute is sponsored by the Center for Collaborative Research, Thomas Jefferson University, through federal funding from the Health Resources and Services Administration. After the institute, the team will train community health advocates in Macy, Nebraska and develop a web site with online health resources in OT/PT and speech therapy.

Ms. Youngkin gave a short demonstration of MedlinePlus to the Paiute Indian Tribe of Utah on September 23, 2003.

Appendices

Appendix A: CE and Conferences attended by NN/LM MCR Staff

EVENT	DATE	ATTENDING
Face to Face: Strategies for Consumer Health (MLA)	May 3, 2003	S Champ-Blackwell
Medical Library Association Meeting San Diego, California	May 2-7, 2003	W Peay, C Hamasu, S Champ-Blackwell, M Henning, B Kelly, D Sommer
Nebraska Library Association College & University	May 23, 2003	S Champ-Blackwell
Majordomo Listserv Ownership	June 24, 2003	S Champ-Blackwell
National Outreach Mapping Center Training	July 2, 2003; July 10, 2003	C Hamasu, S Champ-Blackwell, W Davison-Turley
The Technology of Influence: Leadership Skills For Librarians	July 30, 2003	W Davison-Turley, M Youngkin
The TEACH Act: Implications for Utah Educators	July 31, 2003	M Youngkin
IMLS Outcomes Based Evaluation and Consulting Institute	July 2003	B Kelly
Julia Blixrud on Scholarly Publishing	August 6, 2003	C Hamasu
Nebraska State Data Center Summer Conference	August 21, 2003	S Champ-Blackwell
Colorado Rural Health Center Breakfast Club	August 8, 2003	S Weldon
ArcGIS Training	September 4-5, 2003	B Kelly, S Dennis
MLA Health Information Literacy Satellite Broadcast	September 10, 2003	C Hamasu, W Davison-Turley
NLM Orientation	September 11- 12, 2003	S Champ-Blackwell, S Dennis, B Kelly
Outreach Symposium (NN/LM GMR)	October 9, 2003	C Hamasu
Medicine in the 21 st Century	October 13, 2003	C Hamasu
MCMLA Annual Meeting	October 15-17, 2003	W Peay, C Hamasu, S Champ-Blackwell, S Dennis, T Hartman, M Henning, B Kelly, M Youngkin
Practical PC Troubleshooting 101	October 15, 2003	M Youngkin
PDA's for Libraries	October 17, 2003	M Henning
American Public Health Association	November 15– 19, 2003	M Youngkin

EVENT	DATE	ATTENDING
NN/LM Public Health Train-the-Trainer	November 14, 2003	M Henning, M Magee, S Weldon, M Youngkin
DSpace Demonstration	January 29, 2004	C Hamasu, W Davison-Turley, M Henning, M Youngkin
Nebraska Legislative Day	February 19, 2004	S Champ-Blackwell
Sudanese Perspective	February 25, 2004	S Champ-Blackwell
Open Access Publishing – Vivian Siegel	March 4, 2004	M Magee
VideoConference Streaming Training and Broadcast of “Bloodless Surgery” (http://www.hsl.creighton.edu/HSL/lrc/streams.html)	March 9-11, 2004	S Champ-Blackwell
The Role of the Expert Searcher - MLA satellite teleconference	March 10, 2004	C Hamasu, W Davison-Turley
Rand Corporation Minority Health Disparities at Creighton	March 10, 2004	M Magee
AMSA pre-conference “Health Disparities”	March 16, 2004	S Champ-Blackwell
PubMed, TOXNET, NLM Gateway and ClinicalTrials training	March 22-24, 2004	M Magee
Comparison of Key Similarities and Differences: Canadian and U.S. Healthcare	March 30, 2004	S Champ-Blackwell
Measuring Your Impact	April 2, 2004	S Weldon
Ovid training	April 4, 2004	J Ashwell
PubMed training	April 6, 2004	J Ashwell
ClinicalTrials.gov training	April 7, 2004	J Ashwell
Chemical Agents of Opportunity for Terrorism Preparedness Day, EPA Kansas City	April 8, 2004	J Ashwell
InfoPOEMs Demo	April 13, 2004	J Ashwell
Justice and Health through Creative Technologies: Saris, 'Whistles' and Buckets	April 15-16, 2004	S Champ-Blackwell
Grant Writing for \$ucce\$\$	April 16, 2004	J Ashwell, W Davison-Turley
Sorting Out the Connections Between the Built Environment and Health	April 19, 2004	S Champ-Blackwell
The Impact of Asthma in Minority Communities	April 19, 2004	S Champ-Blackwell
University of Nebraska at Omaha Library Friends – It's About Time, It's about Space	April 23, 2004	M Magee
Nebraska Bioterrorism Symposium	April 27-28, 2004	M Magee

Appendix B: Exhibits and Presentations at Meetings

National Meetings

Event	Date Place	Name
National Rural Health Association	May, 2003 Salt Lake City, UT	C Hamasu, K McCloskey
American Veterinary Medical Association	July 18–20, 2003	M Henning, S Weldon
American Association of Diabetes Educators	August 7-9, 2003 Salt Lake City, UT	
National Rural Educators Conference	October 22-24, 2003 Kearney, NE	
Third International Conference on Mobile Health	October 31 - November 2, 2003 Las Vegas, NV	M Youngkin, S Weldon
American Medical Student Association (AMSA)	March 16-20, 2004 Kansas City, MO	S Champ-Blackwell, J Ashwell

Local and Regional Meetings

Event	Date Place	Name
Utah Library Association	May 7-9, 2003	K McCloskey
Sisters Together Health Fair	May 10, 2003 North Omaha, NE	S Champ-Blackwell
Wasatch Presbyterian Church	May 18, 2003 Salt Lake City, UT	K McCloskey
Wyoming Medical Society Annual Meeting	June 3-8, 2003 Jackson, WY	M Henning
Refugee/Migrant/ESOL Conference	June 4-6, 2003 Wichita, KS	S Champ-Blackwell, W Davison-Turley
Association of Utah Community Health Centers	June 12-13, 2003 Snowbird, UT	M Youngkin
Nurse Educators Meeting	July 24-25, 2003 Breckenridge, CO	S Weldon
Colorado Cancer Conference	August 11, 2003 Denver, CO	S Weldon
Nebraska Association of Translators & Interpreters	August 14-16, 2003 Omaha, NE	S Champ-Blackwell

Event	Date Place	Name
Public Health Conference	September 22-23, 2003 Steamboat, CO	S Weldon
Nebraska Center for Faith Based and Community Initiatives Conference	September 23, 2003 Omaha, NE	S Champ- Blackwell
Nebraska Minority Health Conference	September 30 - October 1, 2003 Kearney, NE	S Champ-Blackwell
Wyoming Library Association Meeting	October 1-5, 2003 Sheridan, WY	M Henning
Utah Nurses' Association Conference	October 3, 2003 Orem, UT	M Youngkin
Nebraska Minority Expo	October 4-5, 2003 Omaha, NE	S Champ-Blackwell
Nebraska Library Association Conference	October 30-31, 2003	S Champ-Blackwell
Public Health Day at the 2004 Utah State Legislature	January 30, 2004 Salt Lake City, UT	M Youngkin
Black Church Initiative Health Fair	February 21, 2004 Denver, CO	S Weldon
Colorado Public Health Nurses Legislature	March 4, 2004 Golden, CO	S Weldon
Southeastern Colorado AHEC	March 5, 2004 Pueblo, CO	S Weldon
Health Occupation Students of America (HOSA)	March 12, 2004 Aurora, CO	S Weldon
Bioterrorism Symposium	March 25-26, 2004 Norfolk, NE	M Magee
Hepatitis in the Heartland	March 30-31, 2004 Overland Park, KS	J Ashwell
Kansas Library TriConference	March 31-April 2, 2004 Wichita, KS	J Ashwell
Kansas Library Association meeting	April 2, 2004	W Davison-Turley
Colleague Connections	April 13, 2004 Denver, CO	S Weldon
Queen of Peace Carnival	April 25, 2004 Aurora, CO	S Weldon
KUMC Uninsured Week	April 27 & 29, 2004 Kansas City, KS	J Ashwell

Appendix C:
Regional Outreach Reports

Outreach Activities Report - All Midcontinental Projects

2003-2004 RML Contract Year (May 1 - Apr. 30)

Generated: Friday, April 22, 2005

139 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	1991 participants	
Average number of participants:	14.32 per activity	
Average length:	1.23 hours	
Under 1 hour:	46 activities	(33.09%)
Between 1 and 2 hours:	80 activities	(57.55%)
Over 2 hours:	13 activities	(9.35%)
Hands-on practice:	33 activities	(23.74%)
Conducted remotely:	1 activity	(0.72%)
Offering continuing education:	13 activities	(9.35%)
Significant number of minorities:	9 activities	(6.47%)

Type(s) of Organization(s) Involved in Activities

Health sciences library:	134 activities	(96.40%)
Public library:	42 activities	(30.22%)
Government agency:	16 activities	(11.51%)
Hospital:	46 activities	(33.09%)
Clinical/Health care:	29 activities	(20.86%)
Academic Institution:	139 activities	(100.00%)
Community-Based:	14 activities	(10.07%)
Faith-Based:	4 activities	(2.88%)
Public Health Agency:	23 activities	(16.55%)
Other:	15 activities	(10.79%)

Session Content

PubMed:	82 activities	(58.99%)
MedlinePlus:	124 activities	(89.21%)
ClinicalTrials.gov:	45 activities	(32.37%)
NCBI:	1 activity	(0.72%)
NLM Gateway:	2 activities	(1.44%)
TOXNET:	9 activities	(6.47%)
Other technology content:	42 activities	(30.22%)
Other, non-technology content:	36 activities	(25.90%)

Significant Minority Population Present

(>=50% of participants)

African American:	6 activities	(4.32%)
Alaska Native:	0 activities	(0.00%)
Asian and Pacific Islander:	0 activities	(0.00%)
Hispanic:	0 activities	(0.00%)
Native American:	3 activities	(2.16%)

436 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

Participants Summary

Activities at which PI sheet collected:	20.9%
Health care or service providers:	77 participants (17.66%)
Health science library staff members:	8 participants (1.83%)
Public Health worker:	0 participants
Public/Other library staff members:	266 participants (61.01%)
Members of general public:	85 participants (19.50%)



Outreach Visits

Date	NN/LM MCR Staff	Institution Visited	State	Name/Title-Person Visited	Meeting Content	Affiliate Member	Network Member	Comments
5/14/03	W. Davison-Turley	Meeting: Kansas Biomedical Librarians' Meeting	KS	Various	KAN-ED, resource library, NLM & NN/LM update		Yes	Plan to do a NLM & NN/LM update each year, even when not hosted here
5/29/03	W. Davison-Turley	Menorah Medical Center	KS	Dick Kammer, Library Director	LinkOut		Yes	
6/3/03	S. Champ-Blackwell	Creighton University Multicultural Affairs Office	NE	Dr. Kosoka-Laskaki and staff	NN/LM resources & CU HSL			To discuss with the head of the department how we can collaborate on projects CLN
6/6/03	W. Davison-Turley	Via Christi St. Francis Professional Library	KS	Sue Fleming, Librarian Kristen Sen, Librarian	Discussed current projects at their library, including a PDA project and LinkOut		Yes	
6/6/03	W. Davison-Turley	Farha Library, University of Kansas School of Medicine—Wichita	KS	Teresa Coady, Library Manager	Discussed status of current subcontract award		Yes	
6/23/03	S. Champ-Blackwell	Creighton University Medical Dean's Office	NE	Dr. William Jeffries	NN/LM MCR Inner City and Minority Outreach & CU HSL			To find ways to collaborate with the medical school faculty at Creighton
6/27/03	W. Davison-Turley	Stormont-Vail Hospital Library	KS	Lenora Kinzie, Library Director Karen Cole, Resource Library Director	Discussed a coordinated response to St. Francis closure and potential further options for providing health information to the Topeka area		Yes	
7/21/03	W. Davison-Turley	Research Medical Center	MO	Kitty Serling, Library Director	Creation of a DOCLINE group for HCA Libraries; upcoming meetings and training in the area; personal digital assistants		Yes	
7/23/03	W. Davison-Turley	Menorah Medical Center	KS	Dick Kammer, Library Director	Discussed implementation of Internet 2 for hospitals and hospital libraries		Yes	Plan to pursue further in early 2004
7/23/03	W. Davison-Turley	Kansas Medical Mutual Insurance Company	KS	David Ross, MD Chris Simone	Discussed potential support of research services by the Resource Library; also discussed potential methods for collaboration, including creating a librarian position for this company			Karen Cole, Director of the Archie Dykes Library, is continuing discussions with this company – Whitney Davison-Turley will provide PubMed training for their primary searchers in early September
7/25/03	M. Magee	Nebraska Center for Bioterrorism Education	NE	Sharon Medcalf, coordinator; Sue Raymond, Library Director	Possible training collaborative opportunities in the year ahead; upcoming consortium meeting			Also discussed Network membership
7/31/03	M. Magee	SISLT, Univ. of MO-Columbia	MO	John Wedman, MaryEllen Sievert, Ph.D	Public librarian workshop planning session			CH liaison named to Steering Committee, meeting Sept 26
8/1/03	M. Henning	Washakie Medical Center, Worland	WY	Dr. Javad Monzavifar, Dr. Vern Miller, Dr. Regina, staff physicians	PubMed, MedlinePlus classes			Requested training for hospital physicians to be scheduled in September or October

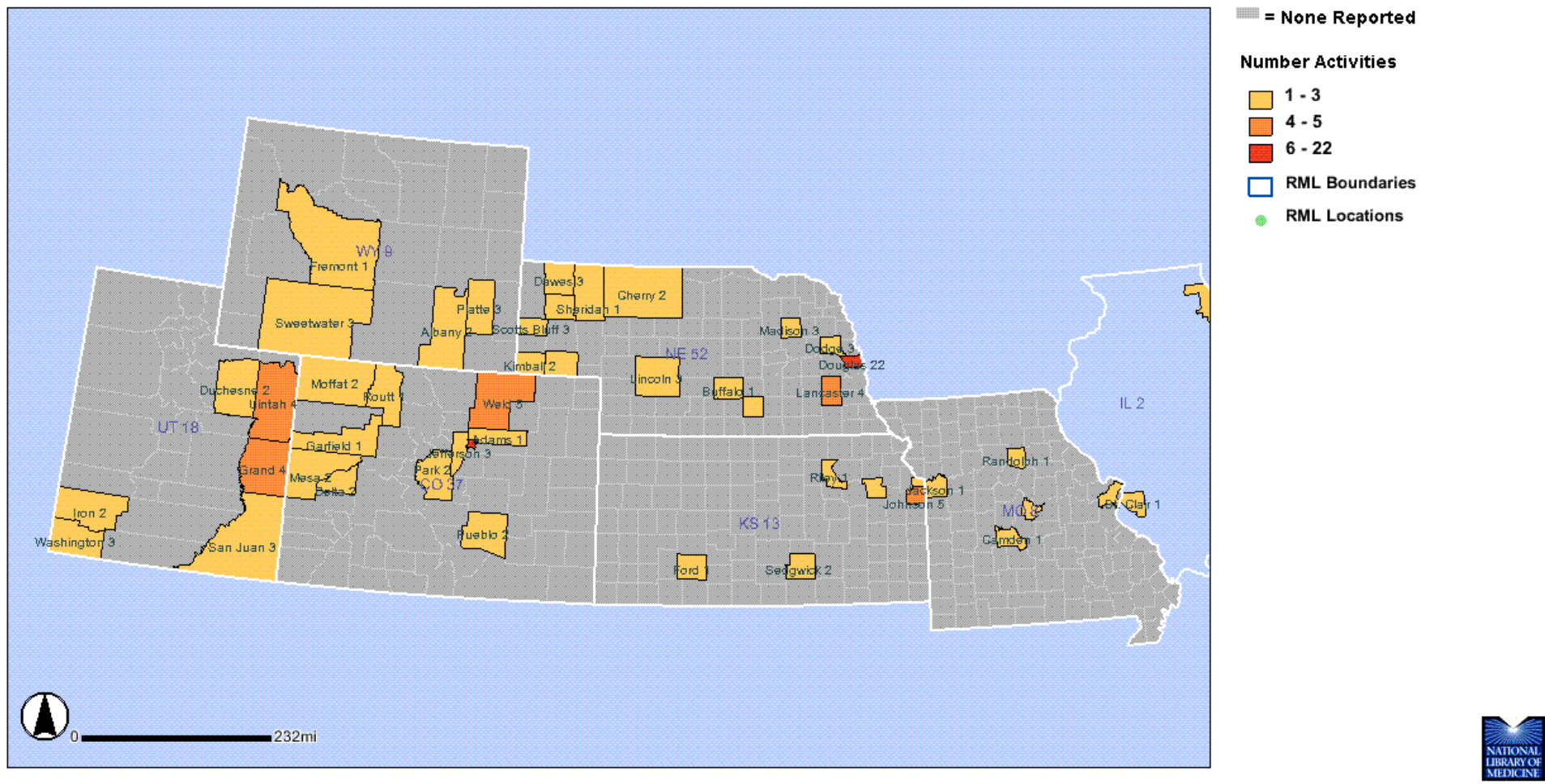
Date	NN/LM MCR Staff	Institution Visited	State	Name/Title-Person Visited	Meeting Content	Affiliate Member	Network Member	Comments
8/4/03	S. Weldon	Colorado Department of Public Health and Environment	CO	Kay Juricek – Librarian	Discussed her position and possible contacts	Yes		She only works in the library one day a week and the rest of the time works in HR
8/05/03	M. Henning	Fremont County Library in Lander	WY	Jeannette Woodward, Director, Fremont County Library	PubMed, MedlinePlus classes			Unable to schedule classes due to conflict with another activity
8/15/03	S. Weldon	Colorado Virtual Reference Committee at the Colorado State Library	CO	Brenda Bailey Hainer and committee	Marketing of the Colorado virtual reference project			
9/12/03	W. Davison-Turley	Truman Medical Center—Lakewood	MO	Erin Palazzolo, Librarian	DOCLINE instruction		Yes	
9/17/03	S. Champ-Blackwell, T. Hartman	Denver Public Library	CO		Electronic Access to Health Information project, Additional resources to add to web site and training	Yes		Denver Public Library and Denver Healthy People 2010 summarized work accomplished on their project
2-10-04	M. Magee	Nebraska Methodist Hospital	NE	Angie Arner	Patient Education		Yes	
2-11-04	M. Magee	UNMC North Omaha Clinic	NE	Wayne Huston	Patient Education			
2-24-04	M. Henning	Platte County Public Health Nursing	WY	Cathy McGuire, RN, Nurse manager & Mary Wolsey, RN, staff nurse	Nursing survey, offered MEDLINE classes for nursing staff			Follow-up visit planned
2-24-04	M. Henning	Platte County Public Library	WY	Lee Miller, co-director	Provided MEDLINE & membership info, offered MEDLINE classes			Follow-up visit planned
2-24-04	M. Henning	Platte County Memorial Hospital	WY	Deb Lockman, RN, Director of Nursing	Nursing survey, offered MEDLINE classes for nursing staff			Follow-up visit planned
3-1-04	S. Weldon	AHEC	CO	Suzu Harrington	Go Local			
3-12-04	S. Champ-Blackwell	Hablamos Juntos	NE	Rosa Guia	Brief revisiting			Rosa visited my office; she was in Omaha and wanted to stop in and say hello and thanks for info
3-15-04	M. Magee	Omaha Public Schools Nursing Staff	NE	Sharon Moran, RN, Director of Nursing Services for OPS	MedlinePlus			
3-17-04	M. Magee	St. Elizabeth Hospital	NE	Maria Ford, Librarian	MedlinePlus, PubMed, DOCLINE		Yes	
3-17-04	M. Magee	Lincoln Health Sciences Group	NE	Group	RFP Rural Electronic Access and Go Local		Yes	Dissolution of group as ILL entity
3-17-04	M. Magee	Bryan LGH Hospital and College of Health Sciences	NE	Sue Echols & Anne Heinemann, Librarians	MedlinePlus, PubMed, DOCLINE		Yes	
3-18-04	M. Henning	Western Wyoming Community College	WY	Robert Kalabus - Library Director Carol Brown - Tech services Kate Kelly - Tech services Fern Stringham - Public Services Karen Ouzts - UW Nursing	Met with library staff to discuss access to medical information by area health professionals – Also discussed the possibility of joint agency training on MEDLINE and MedlinePlus to be held in Rock Springs at a later date			Very interested in arranging training for area librarians and local health care professionals

Date	NN/LM MCR Staff	Institution Visited	State	Name/Title-Person Visited	Meeting Content	Affiliate Member	Network Member	Comments
3-18-04	M. Henning	Sweetwater County Public Health Office	WY	Jodye Wilmes, RN Julie Hearne, RN	Met with nursing staff to discuss access to medical information by area health professionals			Offered training on PubMed & Mplus- may be able to better reach this group at the Public Health Nursing Conference in September
3-19-04	M. Henning	Memorial Hospital of Sweetwater County	WY	Kathy Tacke - Medical Librarian Bob Scott - Assistant Executive Director for Finance - oversees hospital library	Discussed access to medical information by area health professionals & reviewed the survey questions Dr. Ouzts is using – Also discussed the possibility of joint agency training on MEDLINE and MedlinePlus to be held in Rock Springs at a later date		Yes	Kathy Tacke will be part of the panel discussion on hospital libraries at the WY Symposium - invited Bob Scott to participate also, but he declined
3-29-04	M. Magee	Midland Lutheran College	NE	Barbara Dean, Reference Librarian and 20 students in Nursing and Science departments	Searches for Nursing Students	Yes		
3-29-04	M. Magee	Fremont Regional Medical Center	NE	Patty Schwanke, Training and Development Manager	DOCLINE, PubMed		Yes	
3-29-04	M. Magee	Fremont Public Library	NE	Ann Stephens	MedlinePlus	Yes		
4-06-04	M. Magee	Univ. of Nebraska Public Health Meeting	NE	Nebraska Public Health Meeting	Public Health			
4-06-04	M. Magee	Univ. of Nebraska - Lincoln Dental College	NE	Rebecca A. Bernthal, Director	Intro/PubMed/MedlinePlus		Yes	
4-13-04	S. Champ-Blackwell	Lead Safe Omaha Coalition	NE	Cheryl Weston, Director	NLM Resources			
4-16-04	M. Magee	Ford Conservation Center	NE	New Members Roundtable – NLC	Conservation			
4-22-04	S. Weldon	Glenwood Springs Valley View Hospital	CO	Laura Hickerson	Consumer Health	Yes		
4-26-04	M. Magee	Ogallala Community Hospital	NE	Dena Klockman – CFO	Membership/Grant/MedlinePlus			
4-26-04	M. Magee	Educational Service Unit #16	NE	Roger Adkins	MedlinePlus			
4-26-04	M. Magee	Memorial Health Center – Sidney	NE	Linda Shoemaker – Chief Nursing Officer	Membership/Grant/MedlinePlus			
4-26-04	M. Magee	Memorial Health Center – Sidney	NE	Stacie Hermes – Grant Writer	Grant			
4-26-04	M. Magee	Sidney Public Library	NE	Mary Beth Sancomb-Moran - Director	Membership/Grant/MedlinePlus			
4-26-04	M. Magee	Western Nebraska Community College	NE	Maggie Taylor – Info Serv. Coord.	Membership/Grant/MedlinePlus			
4-26-04	M. Magee	Kimball Health Services	NE	Bev Rabe	Membership/Grant/MedlinePlus	Yes		
4-26-04	M. Magee	Kimball Public Library	NE	Carolyn Brown – Director	Membership/Grant/MedlinePlus			
4-26-04	M. Magee	Gering Public Library	NE	Nadine DiBacco – Director	Membership/Grant/MedlinePlus			
4-26-04	M. Magee	Scottsbluff Public Library	NE	Bev Russell	Membership/Grant/MedlinePlus			
4-27-04	M. Magee	Gering Public Library	NE	Diane Downer – Reference	Medline+			
4-27-04	M. Magee	Regional Western Medical Center	NE	Michelle Parks	PubMed, DOCLINE, MedlinePlus		Yes	

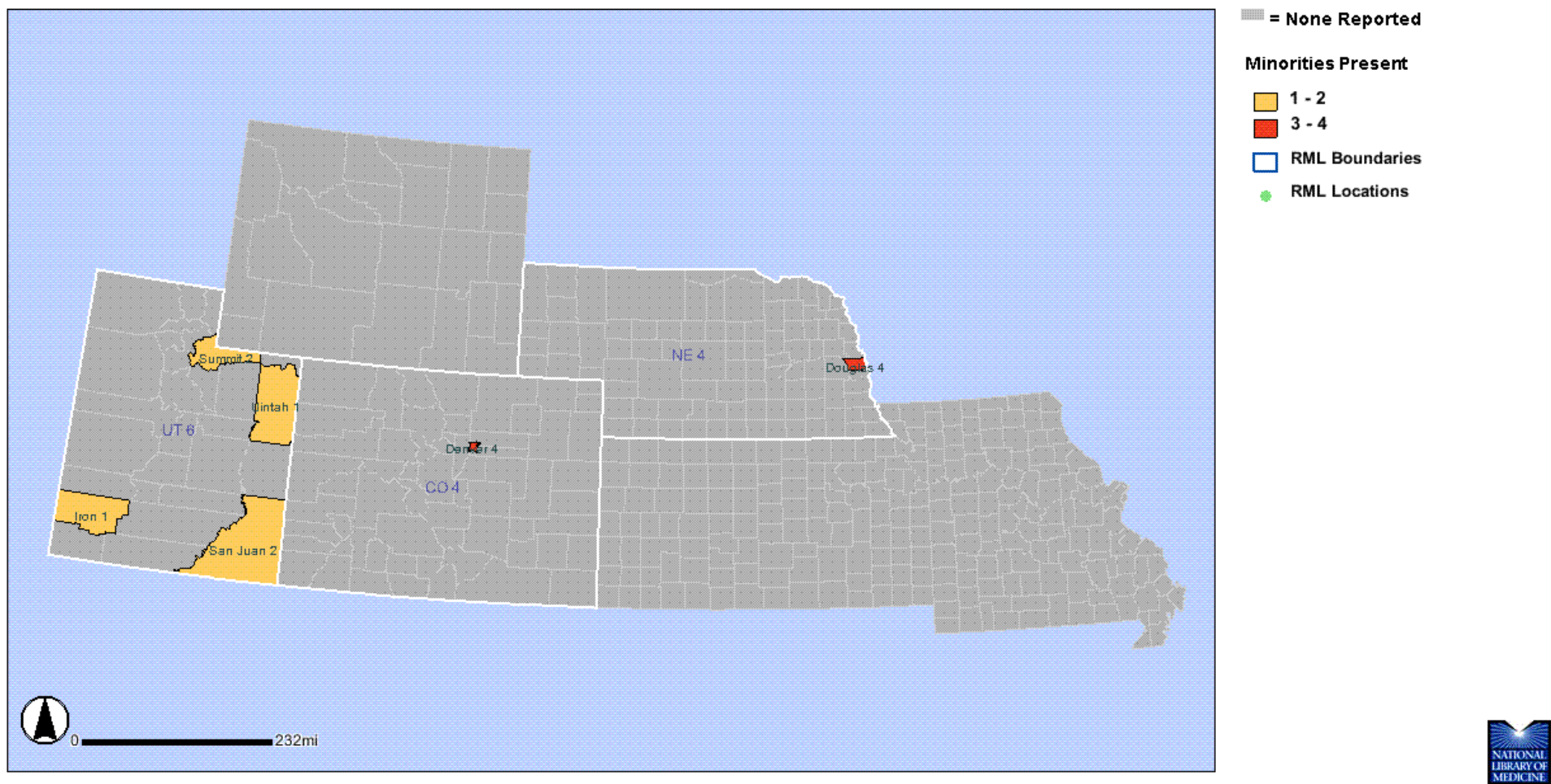
Date	NN/LM MCR Staff	Institution Visited	State	Name/Title-Person Visited	Meeting Content	Affiliate Member	Network Member	Comments
4-27-04	M. Magee	Western Nebraska Community College	NE	Valetta Schneider & Connie Harimon	Membership/Grant/MedlinePlus	Yes		
4-27-04	M. Magee	Panhandle Library System	NE	Cherie Longmuir	Membership/Grant/MedlinePlus			
4-29-04	M. Magee	Alliance Public Library	NE	Mavis McLean	Membership/Grant/MedlinePlus			
4-29-04	M. Magee	Box Butte Hospital – Alliance	NE	Kim Galyen & Nancy Ross	Membership/Grant/MedlinePlus	Yes		
4-29-04	M. Magee	Chadron Hospital	NE	Cheryl Cassiday	Membership/Grant/MedlinePlus			
4-29-04	M. Magee	Chadron State College	NE	Terrence F. Brennan	Membership/Grant/MedlinePlus	Yes		
4-29-04	M. Magee	Chadron Public Library	NE	Imogene Horse & Rosella Tesch	Membership/Grant/MedlinePlus	Yes		
4-29-04	M. Magee	Gordon Memorial Hospital	NE	Billie L	Membership/Grant/MedlinePlus	Yes		
4-29-04	M. Magee	Valentine Hospital	NE	Kathy Renning	Membership/Grant/MedlinePlus			
4-29-04	M. Magee	Valentine Public Library	NE	Kelli Cole	Membership/Grant/MedlinePlus			
4-29-04	M. Magee	Educational Service Unit #17	NE	Germaine Rae Johnson	Medline+			
4-29-04	S. Weldon	Anschutz Cancer Pavillion	CO	Veronica Sekkler – Consumer Health Manager	Consumer Health	Yes		
4-29-04	S. Weldon	National Jewish	CO	Roz Dudden, Director	Consumer Health		Yes	
4-29-04	S. Weldon	Exempla St Joseph	CO	Margaret Bandy, Director	Consumer Health		Yes	
4-30-04	M. Magee	North Platte Public Library	NE		Membership/Grant/MedlinePlus			
4-30-04	M. Magee	Great Plains Regional Medical Center	NE	Libby Milroy	Membership/Grant/MedlinePlus			
4-30-04	M. Magee	North Platte Catholic Schools	NE	Library Director	MedlinePlus			
4-30-04	M. Magee	North Platte High School	NE	Patty Birch - Library/Chris Reinboth	MedlinePlus			

Appendix D:
Regional Outreach Maps

Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract

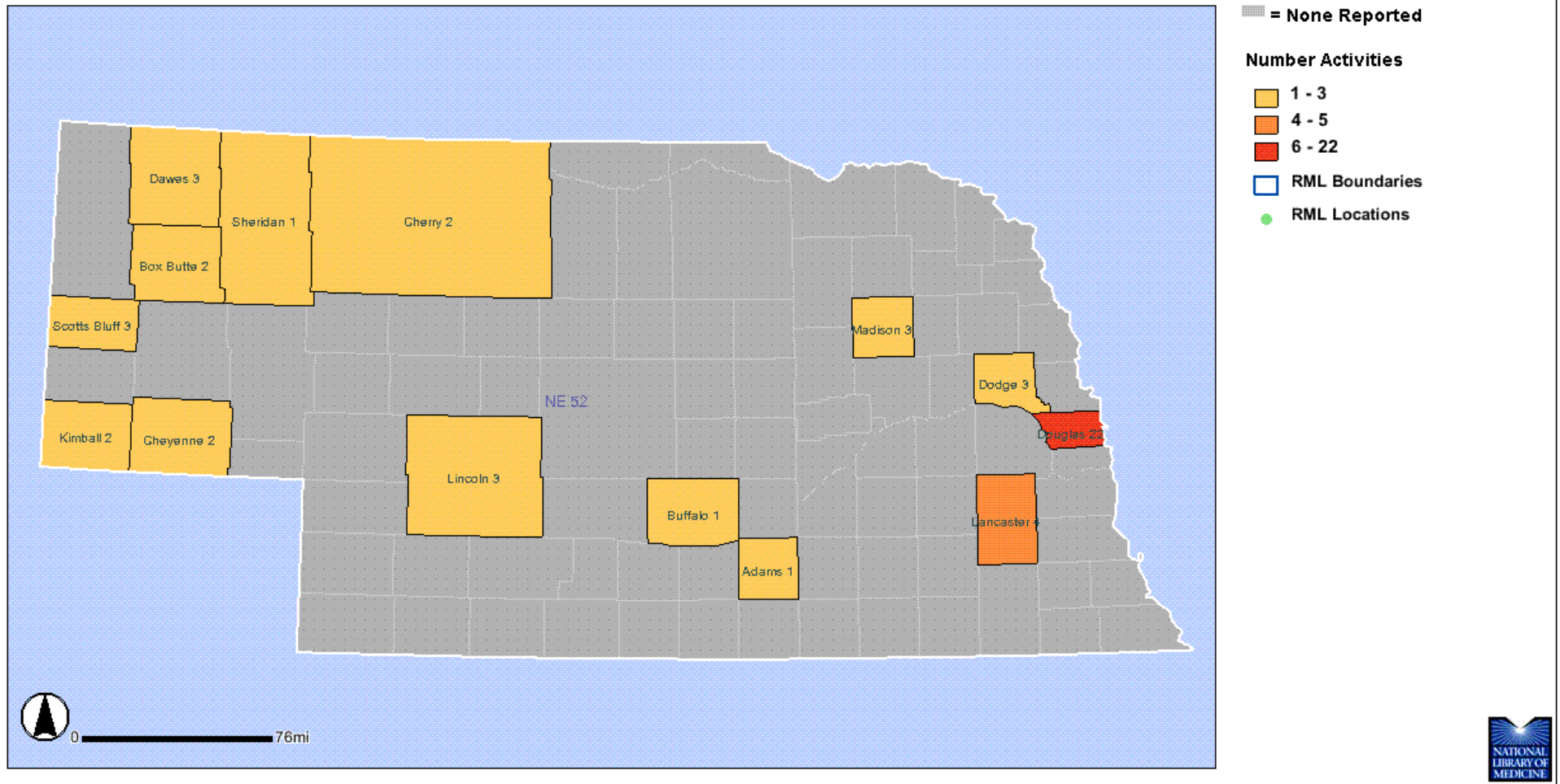


Activities Significant No. Minorities Present in RML Contract Year 2003-2004 MidContinental Region All Contracts

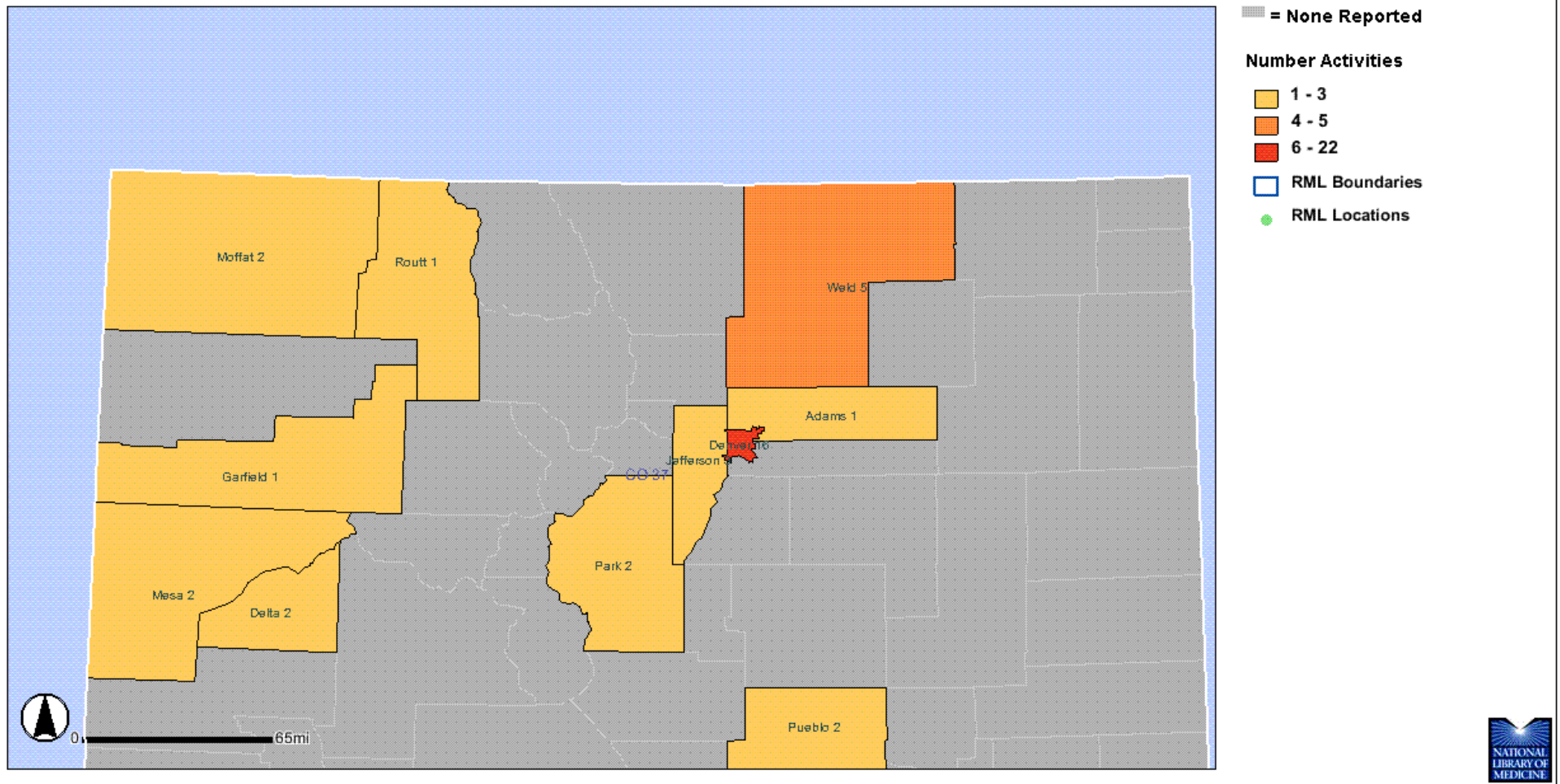


Appendix E:
State Outreach Maps

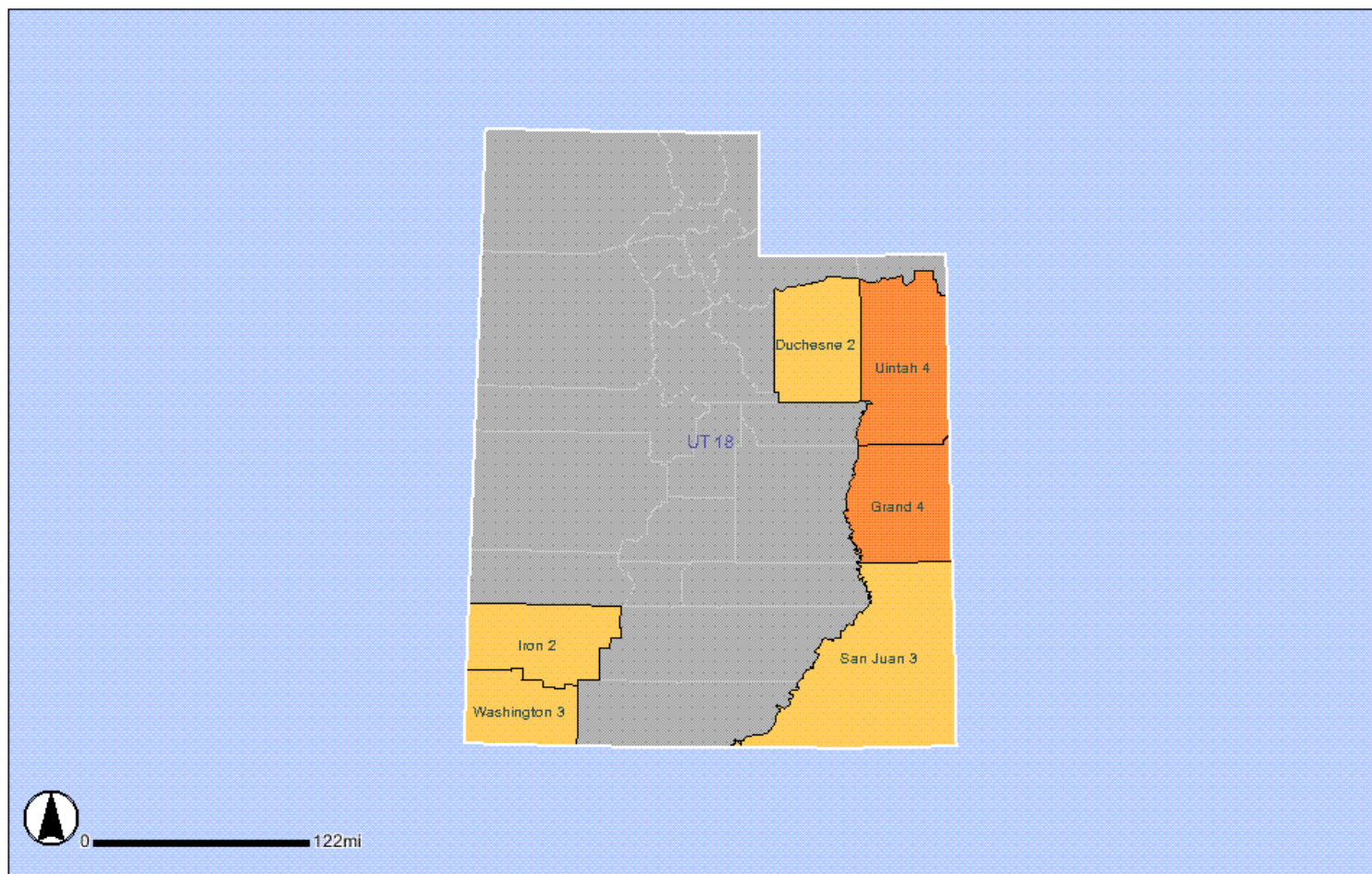
Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract Nebraska



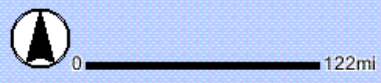
Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract Colorado



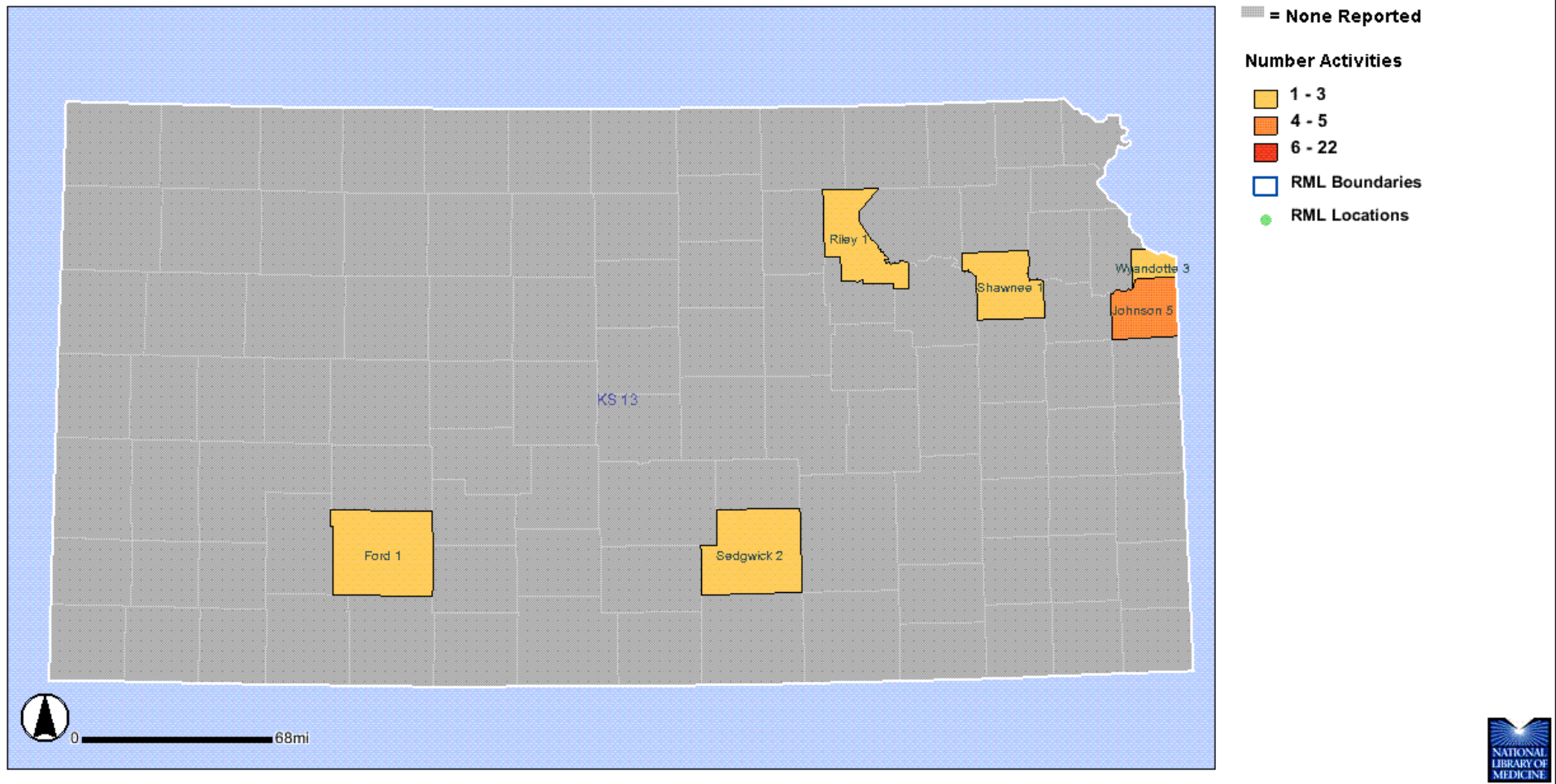
Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract
Utah



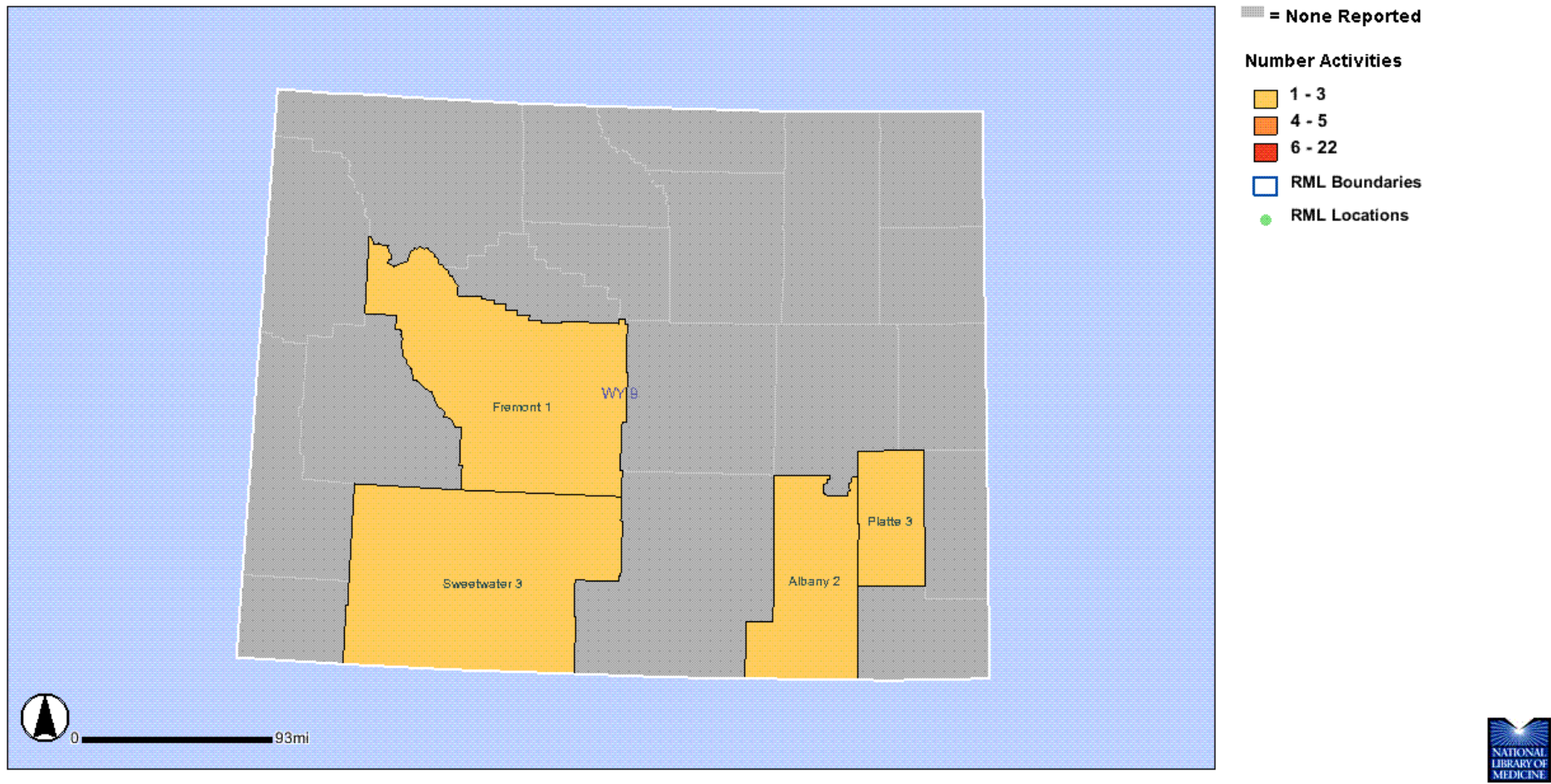
- = None Reported
- Number Activities**
 - 1 - 3
 - 4 - 5
 - 6 - 22
- RML Boundaries
- RML Locations



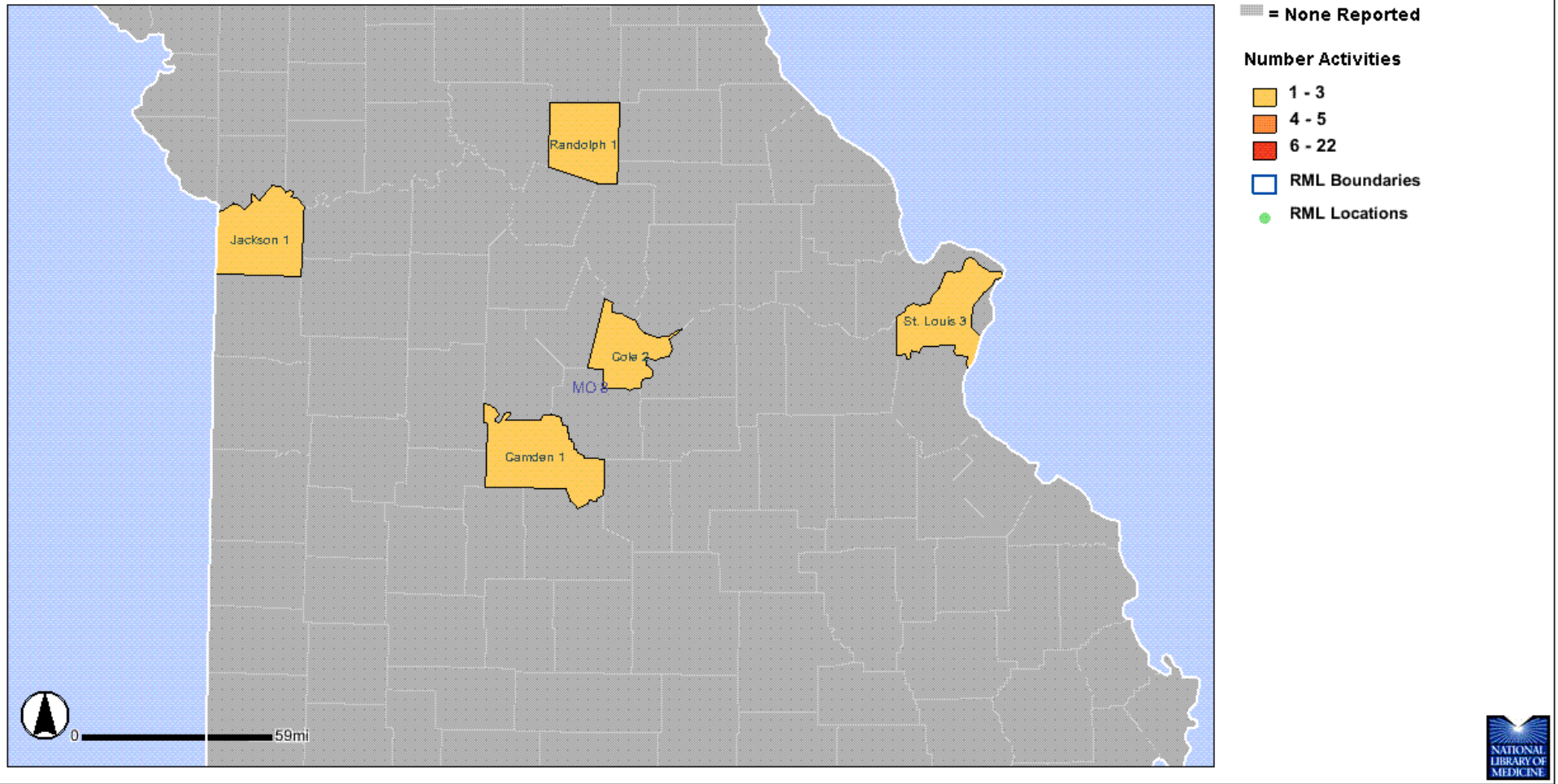
Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract
Kansas



Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract Wyoming



Number of Activities in RML Contract Year 2003-2004 MidContinental Region RML Contract Missouri



Appendix F:
Subcontractor Outreach Reports

Outreach Activities Report Access to Electronic Health Information for Denver - Project

2003-2004 RML Contract Year (May 1 - Apr. 30)

Generated: Friday, April 01, 2005

10 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	118 participants
Average number of participants:	11.80 per activity
Average length:	0.83 hours
Under 1 hour:	6 activities (60.00%)
Between 1 and 2 hours:	4 activities (40.00%)
Over 2 hours:	0 activities
Hands-on practice:	4 activities (40.00%)
Conducted remotely:	0 activities
Offering continuing education:	0 activities
Significant number of minorities:	2 activities (20.00%)

Type(s) of Organization(s) Involved in Activities

Health sciences library:	1 activity (10.00%)
Public library:	9 activities (90.00%)
Government agency:	2 activities (20.00%)
Hospital:	1 activity (10.00%)
Clinical/Health care:	1 activity (10.00%)
Academic Institution:	1 activity (10.00%)
Community-Based:	4 activities (40.00%)
Faith-Based:	1 activity (10.00%)
Public Health Agency:	2 activities (20.00%)
Other:	4 activities (40.00%)

Session Content

PubMed:	0 activities (0.00%)
MedlinePlus:	4 activities (40.00%)
ClinicalTrials.gov:	0 activities (0.00%)
NCBI:	0 activities (0.00%)
NLM Gateway:	0 activities (0.00%)
TOXNET:	0 activities (0.00%)
Other technology content:	5 activities (50.00%)
Other, non-technology content:	10 activities (100.00%)

Significant Minority Population Present (>=50% of participants)

African American:	1 activity (10.00%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	0 activities (0.00%)
Hispanic:	0 activities (0.00%)
Native American:	0 activities (0.00%)

33 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

Participants Summary

Activities at which PI sheet collected:	40.0%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	0 participants
Public/Other library staff members:	33 participants (100.00%)
Members of general public:	0 participants



Outreach Activities Report Consumer Health Education and Promotion Plan - Project

2003-2004 RML Contract Year (May 1 - Apr. 30)

Generated: Friday, April 01, 2005

18 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	2412 participants
Average number of participants:	134 per activity
Average length:	2.13 hours
Under 1 hour:	5 activities (27.78%)
Between 1 and 2 hours:	9 activities (50.00%)
Over 2 hours:	4 activities (22.22%)
Hands-on practice:	0 activities
Conducted remotely:	0 activities
Offering continuing education:	0 activities
Significant number of minorities:	0 activities

Type(s) of Organization(s) Involved in Activities

Health sciences library:	18 activities (100.00%)
Public library:	7 activities (38.89%)
Government agency:	1 activity (5.56%)
Hospital:	17 activities (94.44%)
Clinical/Health care:	7 activities (38.89%)
Academic Institution:	1 activity (5.56%)
Community-Based:	10 activities (55.56%)
Faith-Based:	0 activities
Public Health Agency:	2 activities (11.11%)
Other:	0 activities

Session Content

PubMed:	5 activities (27.78%)
MedlinePlus:	9 activities (50.00%)
ClinicalTrials.gov:	0 activities (0.00%)
NCBI:	0 activities (0.00%)
NLM Gateway:	0 activities (0.00%)
TOXNET:	0 activities (0.00%)
Other technology content:	8 activities (44.44%)
Other, non-technology content:	8 activities (44.44%)

Significant Minority Population Present

($\geq 50\%$ of participants)

African American:	0 activities (0.00%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	0 activities (0.00%)
Hispanic:	0 activities (0.00%)
Native American:	0 activities (0.00%)

0 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

Participants Summary

Activities at which PI sheet collected:	0.0%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	0 participants
Public/Other library staff members:	0 participants
Members of general public:	0 participants



Outreach Activities Report Online Sound Recordings of Health Information in Many Languages - Project

2003-2004 RML Contract Year (May 1 - Apr. 30)

Generated: Friday, April 01, 2005

12 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	57 participants	
Average number of participants:	4.75 per activity	
Average length:	1 hour	
Under 1 hour:	0 activities	
Between 1 and 2 hours:	12 activities	(100.00%)
Over 2 hours:	0 activities	
Hands-on practice:	10 activities	(83.33%)
Conducted remotely:	0 activities	
Offering continuing education:	0 activities	
Significant number of minorities:	1 activity	(8.33%)

Type(s) of Organization(s) Involved in Activities

Health sciences library:	12 activities	(100.00%)
Public library:	11 activities	(91.67%)
Government agency:	0 activities	
Hospital:	0 activities	
Clinical/Health care:	1 activity	(8.33%)
Academic Institution:	12 activities	(100.00%)
Community-Based:	0 activities	
Faith-Based:	0 activities	
Public Health Agency:	1 activity	(8.33%)
Other:	0 activities	

Session Content

PubMed:	12 activities	(100.00%)
MedlinePlus:	12 activities	(100.00%)
ClinicalTrials.gov:	0 activities	(0.00%)
NCBI:	0 activities	(0.00%)
NLM Gateway:	0 activities	(0.00%)
TOXNET:	0 activities	(0.00%)
Other technology content:	12 activities	(100.00%)
Other, non-technology content:	0 activities	(0.00%)

Significant Minority Population Present

(>=50% of participants)

African American:	0 activities	(0.00%)
Alaska Native:	0 activities	(0.00%)
Asian and Pacific Islander:	0 activities	(0.00%)
Hispanic:	0 activities	(0.00%)
Native American:	1 activity	(8.33%)

0 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

Participants Summary

Activities at which PI sheet collected:	0.0%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	0 participants
Public/Other library staff members:	0 participants
Members of general public:	0 participants



Outreach Activities Report Unlocking the Power of Electronic Health Information for Public Health Workers in Kansas - Project

2003-2004 RML Contract Year (May 1 - Apr. 30)

Generated: Friday, April 01, 2005

9 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	465 participants
Average number of participants:	51.67 per activity
Average length:	1.16 hours
Under 1 hour:	2 activities (22.22%)
Between 1 and 2 hours:	7 activities (77.78%)
Over 2 hours:	0 activities
Hands-on practice:	1 activity (11.11%)
Conducted remotely:	0 activities
Offering continuing education:	6 activities (66.67%)
Significant number of minorities:	0 activities

Type(s) of Organization(s) Involved in Activities

Health sciences library:	9 activities (100.00%)
Public library:	1 activity (11.11%)
Government agency:	9 activities (100.00%)
Hospital:	3 activities (33.33%)
Clinical/Health care:	6 activities (66.67%)
Academic Institution:	9 activities (100.00%)
Community-Based:	1 activity (11.11%)
Faith-Based:	0 activities
Public Health Agency:	9 activities (100.00%)
Other:	0 activities

Session Content

PubMed:	9 activities (100.00%)
MedlinePlus:	9 activities (100.00%)
ClinicalTrials.gov:	7 activities (77.78%)
NCBI:	0 activities (0.00%)
NLM Gateway:	0 activities (0.00%)
TOXNET:	6 activities (66.67%)
Other technology content:	9 activities (100.00%)
Other, non-technology content:	0 activities (0.00%)

Significant Minority Population Present

($\geq 50\%$ of participants)

African American:	0 activities (0.00%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	0 activities (0.00%)
Hispanic:	0 activities (0.00%)
Native American:	0 activities (0.00%)

0 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

Participants Summary

Activities at which PI sheet collected:	0.0%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	0 participants
Public/Other library staff members:	0 participants
Members of general public:	0 participants



Outreach Activities Report Park City Library Express Outreach - Project

2003-2004 RML Contract Year (May 1 - Apr. 30)

Generated: Friday, April 01, 2005

4 Total Outreach Activities

The following information is based on outreach reports of training activities.

Activities Summary

Total number of estimated participants:	218 participants
Average number of participants:	54.50 per activity
Average length:	2.19 hours
Under 1 hour:	1 activity (25.00%)
Between 1 and 2 hours:	1 activity (25.00%)
Over 2 hours:	2 activities (50.00%)
Hands-on practice:	2 activities (50.00%)
Conducted remotely:	0 activities
Offering continuing education:	0 activities
Significant number of minorities:	2 activities (50.00%)

Type(s) of Organization(s) Involved in Activities

Health sciences library:	0 activities
Public library:	4 activities (100.00%)
Government agency:	0 activities
Hospital:	0 activities
Clinical/Health care:	1 activity (25.00%)
Academic Institution:	0 activities
Community-Based:	0 activities
Faith-Based:	0 activities
Public Health Agency:	1 activity (25.00%)
Other:	0 activities

Session Content

PubMed:	2 activities (50.00%)
MedlinePlus:	2 activities (50.00%)
ClinicalTrials.gov:	2 activities (50.00%)
NCBI:	0 activities (0.00%)
NLM Gateway:	2 activities (50.00%)
TOXNET:	0 activities (0.00%)
Other technology content:	3 activities (75.00%)
Other, non-technology content:	1 activity (25.00%)

Significant Minority Population Present

(>=50% of participants)

African American:	0 activities (0.00%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	0 activities (0.00%)
Hispanic:	2 activities (50.00%)
Native American:	0 activities (0.00%)

0 Participants Completed Participant Information Sheets

The following information is based on Participant Information (PI) sheets collected during training activities.

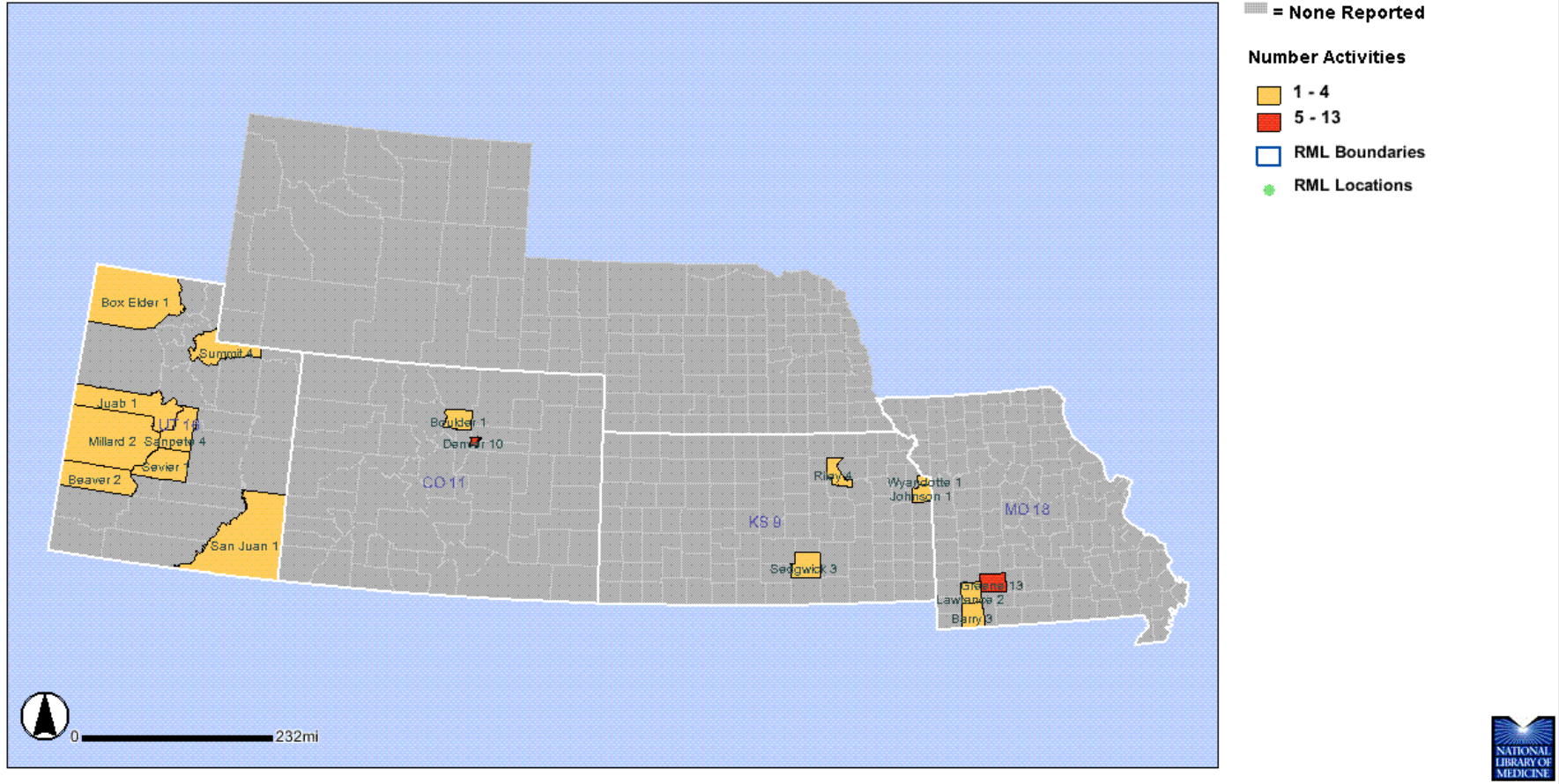
Participants Summary

Activities at which PI sheet collected:	0.0%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	0 participants
Public/Other library staff members:	0 participants
Members of general public:	0 participants

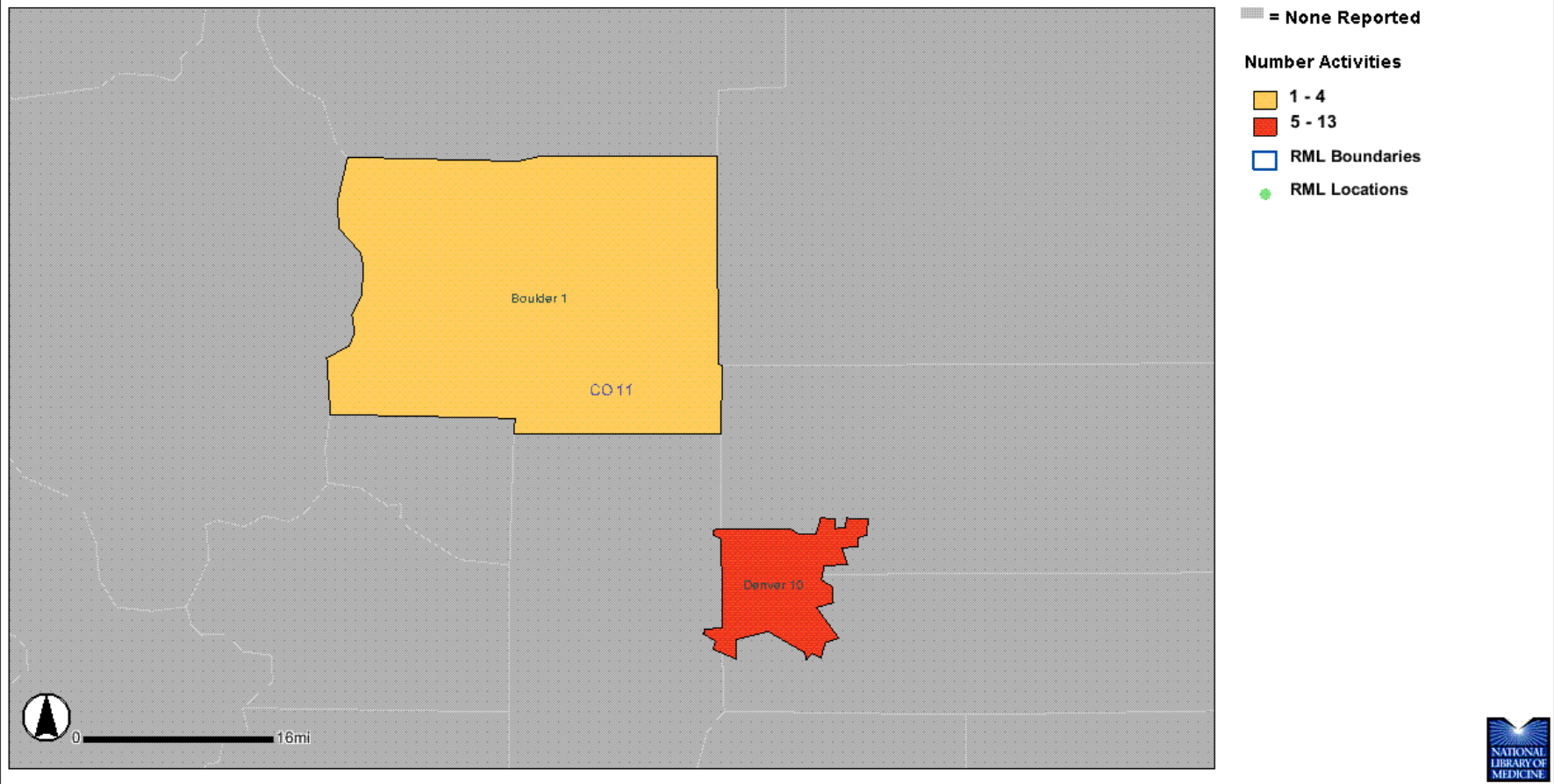


Appendix G:
Subcontractor Outreach Maps

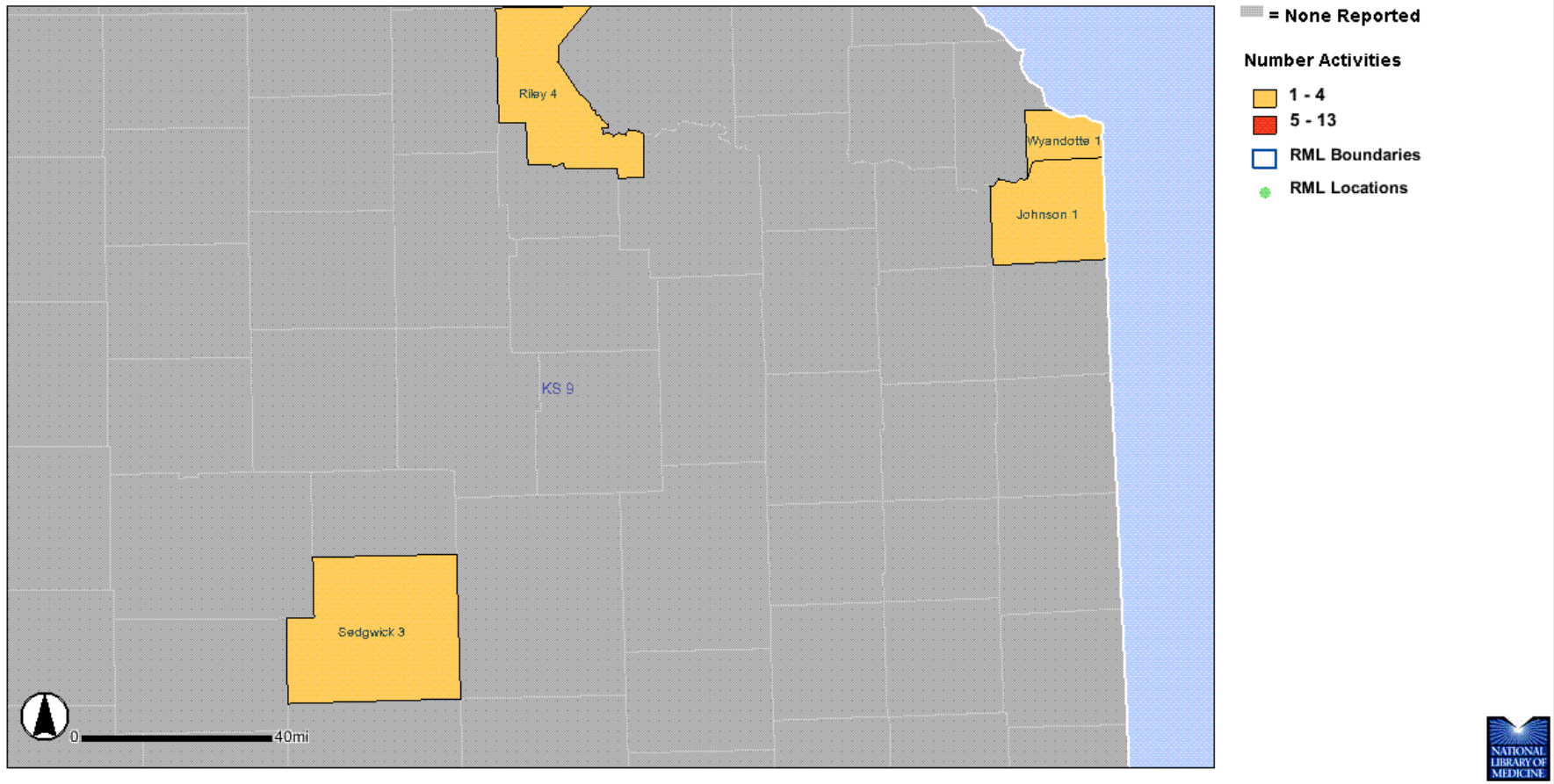
Number of Activities in RML Contract Year 2003-2004 MidContinental Region Subcontractors



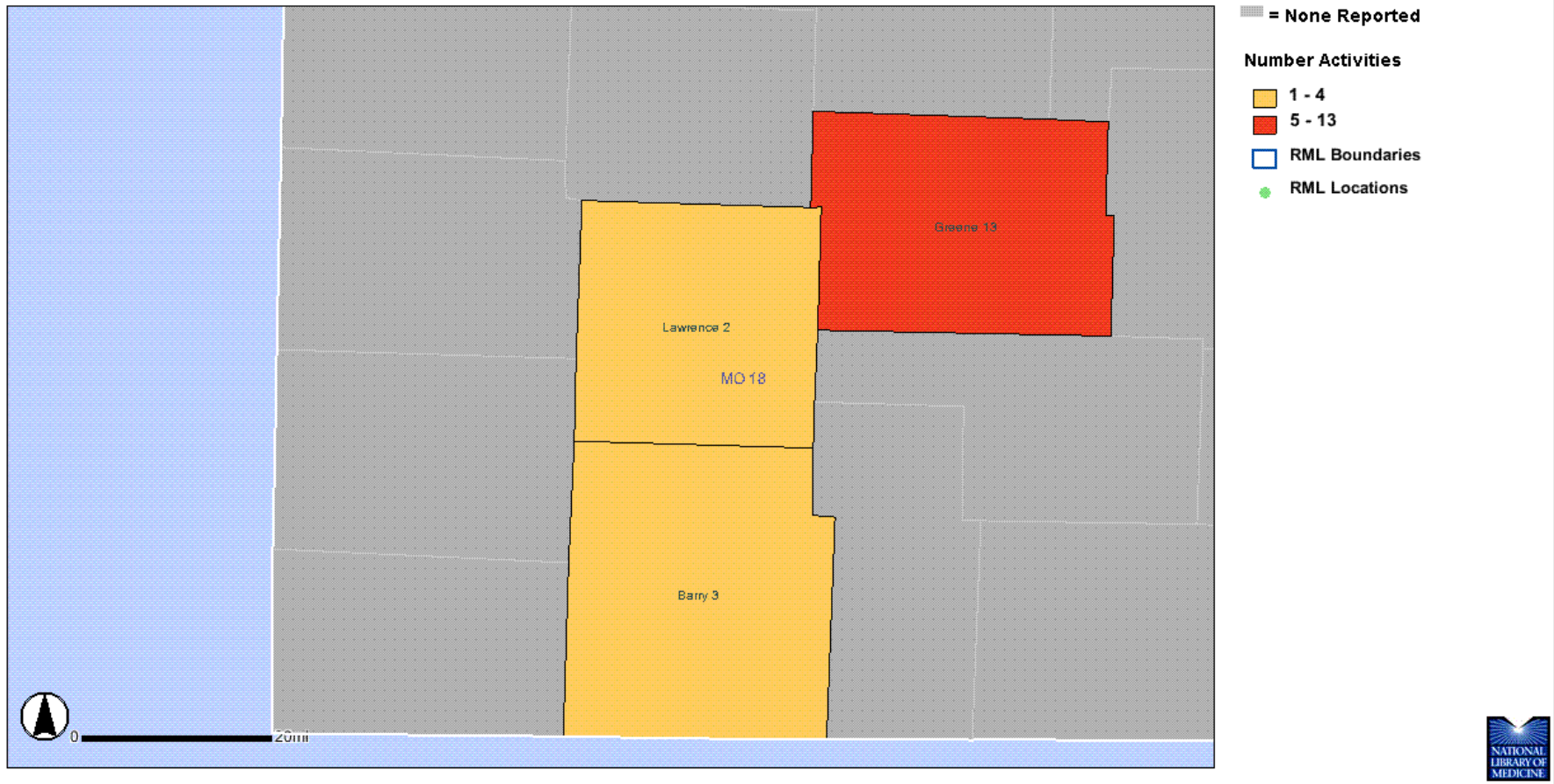
Number of Activities in RML Contract Year 2003-2004 MidContinental Region Subcontractors
Colorado



Number of Activities in RML Contract Year 2003-2004 MidContinental Region Subcontractors
Kansas



Number of Activities in RML Contract Year 2003-2004 MidContinental Region Subcontractors
Missouri



Number of Activities in RML Contract Year 2003-2004 MidContinental Region Subcontractors
Utah

