

Annual Report

National Network of Libraries of Medicine - MidContinental Region

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Spencer S. Eccles Health Sciences Library
University of Utah

Submitted

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Executive Summary

The work of the RML is guided by its logic model. There were fifty indicators in our logic model. Nineteen were met, nine were partially met and twenty-two were not met. During the year, the Public Health Liaison resigned, leaving this project area without a leader. The logic model for public health contributed the most to unmet indicators. None the less, the RML was able to meet or partially meet 76% of the indicators set for the year. The annual report describes how well we met the indicators that were established to measure our outcomes.

Personnel

Stephanie Weldon, Colorado/Consumer Health Liaison; Molly Youngkin, Utah/Public Health Liaison; and Laura Windsor, Kansas Liaison; resigned from their RML positions. Dana Abbey was hired as the Colorado/Consumer Health Liaison. The Kansas and Utah positions are in the process of being filled.

In September 2005, Wayne Peay, RML Director, was appointed to Panel 2 (NLM Health Information for Underserved and Diverse Populations in the 21st Century) to provide input for NLM's 2006-2011 Long Range Plan.

Network Programming

Assessment and Evaluation

One of our goals is to understand the needs of our Network members in order to provide services that are appropriate. To help us achieve this goal, we repeated the 2002 focus groups and the Network Data Inventory. Joan Stoddart, Deputy Director at Eccles Health Sciences Library, agreed to be the moderator for the RML focus groups and observers were recruited from Resource Library staff. Focus groups were held in St. Louis, Kansas City, Salt Lake City, and Denver with approximately five members each. Eight members took part in the two teleconference focus groups that were held on April 5 and 6, 2006. The data is being analyzed.

Two identical copies of the Network Data Inventory were sent out, one to be answered by academic/other libraries and one by hospital libraries, in order to keep the responses separate. When the inventory was closed on December 29, 2005; 103 hospital and forty-four academic/other librarians had completed the questionnaire. The return rate was 79%. A report is being finalized.

Education

Marty Magee, Nebraska/Education Liaison, was accepted by MLA to attend the Institute for CE Web-Based Learning. To prepare for the class she began learning Moodle to develop an online class for “Thinking Like an MBA.”

All the liaisons took “Bob Pike’s Train-the-Trainer Boot Camp,” recommended by Ms. Magee, to improve their training skills. Liaisons shared tips learned at the boot camp with the region in a mini-session via Breeze. The session was broadcast on April 27, 2006. Although few members attended, those that did attend found the session to be useful.

Network

The advisory group for the Regional Buying Consortium, led by Barbara Jones, Missouri/Network Membership Liaison, reviewed resources suggested by Network members and recommended several to Bibliographic Center for Research (BCR), the negotiating and billing agent, for follow-up. ACP Pier, Access Medicine, and Evidence Matters were offered to the region. ACP Pier had the largest number of libraries participating with nineteen libraries. The advisory group sent out a survey to all consortium members to assess their experience with this, our first regional licensing effort. Twenty members out of twenty-one (95%) responded to the survey. All responders agreed that this activity is of value to members. About half (52.9%) report that collection development costs had been lowered due to participation in the MCR Regional Buying Consortium.

Technology

We investigated products for video conferencing, Voice over IP (VoIP), wireless cards, blogging, podcasting, and satellite connectivity. This was the year when video conferencing applications finally became user friendly. Festoon has become the video conferencing application of choice for the RML’s weekly staff meetings. We are able to see and hear each

other as well as share documents and web sites through a single application. The availability of this Internet based communication tool has reduced our reliance on the phone and reduced our long distance charges.

After experimenting and assessing the capabilities of Breeze, the RML began using it as a presentation tool in the region. The Regional Advisory Board new member orientation was offered at the end of August using Breeze. In October, Mr. Peay and Claire Hamasu, Associate Director, initiated “Breezing Along with the RML,” a monthly session with RML staff. Mr. Peay introduced the session as a way for the RML to communicate with Network members and for members to get their questions answered. Participants included Network members and Advisory Board members. These sessions gave us the opportunity to not only share what the RML had been doing, but also to obtain feedback from a captive (if small) audience.

As the MCR representative, Sharon Dennis, Technology Coordinator, participated in the nnlm.gov web site redesign committee and coordinated staff contributions to the process. Ms. Dennis mapped files for the new design to the existing pages. Coding of the new pages began in March, has been reasonably fast and efficient, and should be completed in May at the beginning of the new contract.

Outreach Programming

Consumer Health

Liaisons carried out numerous activities to support consumer health information services in public libraries. Demonstrations and training sessions were scheduled, visits were made, and exhibits arranged. Fifty-two outreach activities in the region involved public libraries and liaisons made twenty-five visits to public libraries.

One way of increasing the access of communities to health information is through collaborative efforts involving health sciences and public librarians. Go Local is an example of this collaboration. In August 2005, the Nebraska Go Local funding proposal was reviewed and approved. The Go Local Utah site went live in January 2006. The region now has four (Missouri, Utah, Wyoming, and Nebraska) active Go Local projects.

Ms. Magee, representing the RML and McGoogan Library of Medicine, partnered with the Nebraska Library Commission and the Nebraska Health and Human Services System to coordinate the Health Information Partnerships Symposium. This symposium, held November 11, 2005, brought together organizations from the same community to start planning health information outreach activities for their communities. The Nebraska Library Commission is offering several \$5,000 grants for increasing consumer health awareness, collections, and special projects. Meetings were scheduled with the eleven communities represented at the symposium to facilitate further planning.

Public Health

RML Liaisons promoted NLM resources to the public health workforce in twenty-four outreach activities. In addition, resources were promoted at state public health meetings in all states except Colorado.

Ms. Windsor developed a successful relationship with the Kansas Department of Health and Environment (KDHE). She contributed to the Kansas public health certificate program which updates the list of core competencies. As a result of her effort, the document lists the NN/LM Kansas Liaison as a trainer for both "Analytic/Assessment Skills" and "Basic Public Health Sciences Skills." Also listed as a trainer is Teresa Coady, librarian at the University of Kansas-Wichita and a CDCynergy instructor. KDHE has included the NLM web site address in the document

which will be distributed to all public health workers taking the certificate program in 2006.

One of our goals has been to institutionalize the integration of informatics into public health curricula. Ms. Windsor met with the new Public Health Informatics Coordinator, Victoria Wangia. Ms. Wangia is a staff member of the Center for Healthcare Informatics, University of Kansas Medical Center, (<http://www2.kumc.edu/healthinformatics/>) that offers informatics classes across the curriculum at the medical school. One of the programs it serves is the public health masters program. With the creation of this center at the University of Kansas Medical Center, we know that the public health program at this school has integrated informatics.

Ms. Magee was one of the two librarians from the region who was trained to teach CDCynergy. The second librarian was Teresa Coady, who was co-PI for a subcontract focused on public health in Kansas.

Stephanie Weldon, former RML librarian, is now a reference librarian at Denison Memorial Library. In her current position she started a conversation with employees of the Colorado Department of Public Health and Environment, who had come to Denison, about the benefits of establishing a library in the department. She enlisted Ms. Abbey in continued discussions with the public health department.

Community Outreach

The BHIC (Bringing Health Information to the Community) blog was established toward the end of year 04 to address current information needs of community based organizations. This year saw new subscribers and readers not only from the U.S. but among internationals. An assessment of subscribers indicates that the majority work for community based organizations, academic institutions, libraries, and govern-

ment agencies. Quarterly solicited feedback on the use of the blog always brought in thanks and appreciation for the news items. Many readers forward the news items on to their colleagues and add them to their web sites or their own blogs, making the BHIC blog part of their social network. In addition, many responded that they use the grant information to apply for funding.

The RML subcontracted with the University of Wyoming to organize a meeting to bring the national 2004 Symposium on Community-based Health Information Outreach to a regional level. Consumer Health Information Partners Symposium was successfully held in Jackson Hole, Wyoming, on October 11, 2005.

The thirty-one participants included Resource Library Directors, public librarians, staff from community based organizations and agencies working with minorities from each state in the region. Due to a snow storm, twenty of the registered participants were unable to make it to Jackson Hole. The responses to the symposium's evaluation survey indicated that twenty of the thirty-one participants were involved in outreach before attending the symposium; four more expect to become involved. Nineteen of twenty were involved in partnerships; three more expect to form partnerships. The overall response was extremely positive.

Personnel

(See Appendix A for CE Classes and Professional Development, Appendix B for Exhibits and Presentations at Meetings, and Appendix C for a list of staff publications)

Throughout the year, RML staff members contributed their expertise to collaborative projects sponsored by NLM and the NN/LM.

In September 2005, Mr. Peay was appointed to Panel 2 (NLM Health Information for Underserved and Diverse Populations in the 21st Century) to provide input for NLM's 2006-2011 Long Range Plan.

Ms. Hamasu, co-chaired the Proposal Writing Assistance Workgroup. The workgroup has drafted recommendations addressing charges established by the National Network Office. Their recommendations cover marketing, training/consultation, and web resources. The final report will be submitted next month.

Ms. Hamasu continued as a member of the Partners in Public Health Steering Committee.

As a member of the NN/LM Exhibit Redesign Committee, Siobhan Champ-Blackwell, Community Outreach Liaison, participated in the design discussions and final decisions on the exhibit backdrop.

During March and April, Ms. Champ-Blackwell served as the MCR representative on the Outreach Activity Working Group. The group suggested ways to make the OARF and mapping system easier to use.

Betsy Kelly, Assessment and Evaluation Liaison, and Ms. Champ-Blackwell attended and evaluated the pilot OERC class Planning and Evaluating Health Information Outreach Projects.

Ms. Magee continued as a member of the NOMC Technical Advisory Committee.

Personnel Changes

Stephanie Weldon transferred to a reference librarian position at Denison Memorial Library. Dana Abbey was selected and assumed the Colorado/Consumer Health Liaison position on July 5, 2005.

Molly Youngkin resigned from her position effective December 30, 2005. In the next contract Eccles Health Sciences Library will host the Utah/Network Membership Liaison position and there will be no single liaison responsible for coordinating public health outreach. Two candidates have been scheduled for interviews for the Utah position.

Laura Windsor resigned her position on March 29, 2006. The University of Kansas will recruit to replace her.

Network Programming

Evaluation and Assessment/Feedback

In 2004, Ms. Kelly worked with Cathy Burroughs and Maryanne Blake from the NN/LM Pacific Northwest Region and developed “Measuring your Impact: Using Evaluation to Demonstrate Value.” An additional instructor, Susan Barnes from the Outreach Evaluation Resource Center, was added this year. Ms. Kelly co-taught a class that was held in Iowa.

Indicator: 80% of health sciences librarians who take the evaluation class will be able to create a simple logic model that includes goals, outcomes, indicators, and outputs.

This indicator was met. Evaluations indicated that the class was very useful. Participation during the class showed that students were able to follow and apply the concepts taught.

Indicator: Librarians taking the class will report that they have incorporated at least one aspect of evaluation into a project or program in their library.

This indicator was not met. Follow up yielded that there has been no use of logic models among a significant number of class participants.

Indicator: All liaisons who take the evaluation class will be able to create a simple logic model that includes goals, outcomes, activities and indicators.

This indicator was not met. The class was not taught to liaisons. However, most liaisons have used logic models for several years and have become comfortable with the concept.

One of the outcomes that the RML is working toward is for Network members to use assessment and evaluation tools in library operations and programming. Ms. Kelly focused on the MCR web pages providing evaluation resources for librarians. Content was added including evaluation glossaries and links to handouts from the “Measuring your Impact” class. An article promoting online surveys was published in *Plains to Peaks Post*.

Indicator: Liaisons will review and update pages each month as well as adding content to at least one page each month.

This indicator was partially met. Ms. Kelly reviewed the pages monthly and added content as appropriate.

Indicator: All award applications will include detailed evaluation plans upon submission.

This indicator was met. The RML received and funded one proposal this year for Nebraska Go Local. It included a detailed evaluation plan.

Indicator: Three member libraries will create, conduct and analyze survey data using SurveyMonkey.

This indicator was partially met. It was determined early in the year that providing member access to the RML's account in SurveyMonkey was not possible for privacy reasons. Members did consult with Ms. Kelly about using SurveyMonkey and produced surveys for the MLA chapter sharing roundtable evaluation and to evaluate the MCMLA annual meeting experience.

One of our goals is to understand the needs of our Network members in order to provide services that are appropriate. To help us achieve this goal we repeated focus groups and the Network Data Inventory. Joan Stoddart, Deputy Director at Eccles Health Sciences Library, agreed to be the moderator for the RML focus groups and observers were recruited from Resource Library staff. We had difficulty recruiting participants. Ms. Kelly sent two rounds of announcements on the RML News, mcmla-l, and to local groups. Response to the solicitation was very slow and liaisons were asked to make personal contacts to round up enough members to form a group. With this added assistance, focus groups were held in St. Louis (March 15), Kansas City (March 16), and Salt Lake City (March 29) with five to six participants each. The Denver session was cancelled and rescheduled for April 19, 2006, when enough members were recruited to comprise a group. Eight members took part in the two teleconference focus groups that were held on April 5 and 6, 2006. The data is being analyzed.

We decided to inventory our members using SurveyMonkey instead of mailing out paper forms. This saved us from having to key in data and reported members who had not returned responses. The challenge for the Network Data Inventory was to get accurate email addresses from DOCLINE and RML records. The initial email resulted in thirty to forty returns for bad addresses. Local health science library groups and institutional web sites were used to locate current addresses. Two copies of the Network Data Inventory were sent out, one to be answered by academic/other libraries and one by hospital

libraries, in order to keep the responses separate. Two reminders were emailed via SurveyMonkey - the first, on November 11, 2005 to fifty-seven academic/other libraries and 133 hospital libraries and the second in early December. At the end of December non-responding hospital librarians were called by liaisons resulting in new email addresses and additional responses to the questionnaire. When the inventory was closed on December 29, 103 hospital and forty-four academic/other librarians had completed the questionnaire. The return rate was 79%.

Indicator: 80% of 160 Network members will respond that the Region provides valuable services.

Note: The expected response enumerated in this indicator was based on the number of health sciences libraries in the region when we conducted the first Network Data Inventory (NDI) in 2002. By year 05, the region had 186 health sciences libraries as Network members. To meet the indicator of providing valued services to 80% of these members, 149 members would have had to indicate that the services we provided were of value. We had 147 total responses to the survey.

We did not meet this indicator. However, we improved our rating for all the services that were part of the 2002 NDI. A greater percentage of Network members found funding, continuing education, enhancing communication with other library professionals, opportunities to provide input into NN/LM program and free promotional materials to be a benefit of membership. (Table 1)

In your view, what are the benefits of membership in the NN/LM MCR? Please check all that you consider a benefit even if you haven't taken advantage of it.

	2005 Benefit	Total Responding to Question	2002 Benefit
Receiving information about NLM databases	92% (119)	130	No Data
Receiving information about consumer health information sources such as MedlinePlus	89% (116)	130	No Data
Funding programs	58% (69)	118	25% (31)
Continuing education available online to members only	61% (74)	122	66% (80)
Enhanced communication with other library professionals	84% (108)	128	75% (91)
Opportunities to provide input on NN/LM programming	57% (69)	121	32% (39)
Introduction to and assistance with using new technologies such as video streaming	60% (73)	122	No Data
Free promotional materials (pens, posters, bookmarks)	74% (90)	121	42% (51)
Total Respondents to Inventory	147		122

Table 1. Benefits of NN/LM Membership 2005 and 2002

The Activity Report System (ARS) is an online form that feeds into a database. Liaisons completing the form link their activities to the goals, outcomes, and indicators from the RML logic model. Content from the ARS is compiled into reports to NLM and the liaisons' supervisors. Ms. Kelly reviewed the ARS data to ensure consistent content and prepared the data for analysis. Ms. Kelly and Ms. Hamasu developed coding definitions and coded year 04 ARS data. Ms. Kelly imported the data into Access to enable more robust reports and began examining the audiences and goals that liaison activities addressed. She will be looking at numbers of activities, types of activities and activities by project that addressed each logic model goal.

Indicator: ARS will provide data that can be used in describing the activities of the region that contribute to access to health information.

This indicator was met. During year 04, 1,122 activities were added to ARS. 983 activities specifically addressed a planned goal. The most addressed goal (25%) was "assist(ing) librarians and individuals working in the capacity of librarians, especially health sciences librarians, to advance health information to the people who need it." 137 activities (12%) were not tied to any goal.

Education

The RML strives to be viewed as a resource for instructional assistance. To promote ourselves in this capacity, Ms. Magee wrote a regular column for the RML newsletter providing training tips. We promoted netLibrary, a collection of managerial and technology e-books, to the region. We distributed thirty copies of the CD "Search Strategies" to nursing schools in the region and by request to librarians around the country. Ms. Magee was accepted by MLA to attend their Institute for CE Web-Based Learning. To prepare for the class she began learning Moodle to develop an online class for "Thinking Like an MBA." All the liaisons took "Bob Pike's Train-the-Trainer Boot Camp," recommended by Ms. Magee, to improve their training skills.

Indicator: At least four health information professionals will contact the Education Liaison or state liaisons for assistance with educational resource support on netLibrary, presentations, and/or consultation.

This indicator was not met. Only one liaison was contacted for assistance in preparing for a presentation.

Indicator: When solicited, baccalaureate nursing schools will respond positively to the question inquiring about increased knowledge and ability to search the Internet using NLM resources as the result of using the search strategy CD.

This indicator was not met. The CDs were distributed at the end of the year and there was no time to obtain feedback.

Indicator: Positive feedback will be received from the first five public libraries from each state offering feedback on search strategy CDs to their state liaison.

This indicator was not met. The public library version of the search strategy CD was not created due to other program demands.

Indicator: The class on training techniques at MCMLA will be taken by six people and a distance education class on training techniques will be attended by six people.

This indicator was almost met. A class on using Camtasia for developing online training was taught to six participants at MCMLA. The RML conducted a Breeze session for five attendees sharing tips learned at the Bob Pike Boot Camp training. The Breeze session lasted 30 minutes and was titled "Education Quick Hits."

Training sessions were made available to distance education participants either live through videoconferencing or asynchronously from a recorded web stream. A video recording of "Caring for the Mind," with presenters Ms. Jones and Ms. Magee, captured their presentation from the Wyoming Symposium. Ms. Abbey taught a consumer health information resources class for the University of Colorado's mini-medical school to an audience of over 100. This presentation was telecast throughout Colorado. Liaisons shared tips learned at "Bob Pike's Train-the-Trainer Boot Camp" with the region in a mini-session via Breeze. The session was broadcast on April 27, 2006. Although few members attended, those that did attend found the session to be useful.

Indicator: The region will have 12-15 distance education offerings per year.

This indicator was partially met. We offered half the number of sessions (7) that we planned.

Indicator: Each distance education or online alternative class will have at least five attendees.

This indicator was met. All of our training available via distance ed had at least five attendees or at least five hits on the recorded session.

The RML liaisons conducted 114 outreach activities this year reaching 1,970 participants. Most of these activities included

training and demonstrations on the use of NLM resources, especially MedlinePlus and PubMed. Mary Henning, Wyoming Liaison, planned and coordinated the 3rd Annual Wyoming Symposium for Health Information Professionals in July 2005. Twenty-three participants attended from Colorado and Wyoming. Most of the RML staff presented or taught a workshop.

Indicator: Each liaison will have a course evaluation form for at least one class and will collect information using the form each time the class is taught.

This indicator was met. Learning objectives were created for the most popular of NLM's resources. A form was developed to gain feedback on the effectiveness of the instructor and instructional materials, whether knowledge was gained, and to solicit suggestions for improving the class for future classes. The form was distributed to participants at each class starting in January.

Network Membership

(See Appendix D for Network Membership Maps, Appendix E for member visits, and Appendix F for Network member status)

Resource Library Directors Meeting

Resource Library Directors held bi-monthly videoconferences. Resource Library Directors agreed:

- That the molecular biology workshop, offered by an adjunct faculty member at Eccles Health Sciences Library using Breeze, should be publicized throughout the region and would be a benefit to their faculty.
- That the videobroadcast service should refocus on offering taping and archiving instead of training.
- That to increase Resource Library participation in the MCR Regional Buying Consortium, the consortium should offer

a common product that all resource libraries currently license.

Caveats: Current agreements need to run out before they can join the regional consortium and if the product is being licensed through a state-wide consortium, Resource Libraries will probably not participate in the regional consortium.

Library Advocacy

Ms. Jones approached Jim Bothmer, Chair of MCMLA, about establishing a library advocacy task force sponsored by MCMLA and the RML. Following approval of the MLA Executive Committee, volunteers were recruited to serve on the committee - one from each state. Ms. Jones agreed to serve as the chair of the committee and the representative from the MCR. The first report for the task force will be presented at the annual MCMLA meeting in October 2006.

At the end of the year, Ms. Abbey was added as a member of the Colorado Council of Medical Librarians Advocacy Committee. This group has been very active in promoting health sciences librarianship to hospital administrators.

Several projects, funded by the RML, were featured on the National Medical Librarians Month web site:

- Online Public Health Library - Spencer S. Eccles Health Sciences Library
- PDA in Healthcare Education and Practice - Mary Lanning Hospital
- MEDLINE in the Mountains - Poudre Valley Health System

The RML sponsored a session at MCMLA featuring hospital librarians in the region and the results of their collaboration with other divisions in their institutions. Librarians and their hospital partners from St. John's Health System (Missouri) and LDS Hospital (Utah) were speakers.

Indicator: A task force to develop activities to promote the value of health science libraries to administrators is formed and includes the Network Liaison and members from MCR and MCMLA.

This indicator was met. Ms. Jones will chair the task force.

Regional Buying Consortium

The advisory group for the Regional Buying Consortium, led by Ms. Jones, reviewed resources suggested by members and recommended several to Bibliographic Center for Research (BCR), our negotiating and billing agent, for follow-up. ACP Pier, Access Medicine, and Evidence Matters were offered to the region. ACP Pier had the largest number of libraries participating with nineteen libraries. The advisory group sent out a survey to all consortium members to assess their experience with this, our first regional licensing effort.

On March 8, 2006, the advisory group met in Denver at Denison Memorial Library. The agenda for the all-day meeting focused on delineating the responsibilities for all participants (state representatives, NN/LM liaison, BCR). The group also drafted a process for selecting materials to offer to the region for consortial purchase and reviewed the form that would be submitted by Resource Library staffs describing content and usability of the materials that would be offered. They reviewed and revised the statements of principles guiding negotiation and organization for the group.

Indicator: Fifteen libraries will join buying consortium.

This indicator was met. Twenty-one libraries participated in the Regional Buying Consortium.

Indicator: 95% of consortia members surveyed will respond to the questionnaire on the success of consortia buying and 50% of consortia members responding to the questionnaire will state that their operating costs have been reduced due to the consortium purchasing.

This indicator was met. Twenty members out of twenty-one (95%) responded to the survey. All responders agreed that this activity is of value to members. About half (52.9%) report that collection development costs have been lowered due to participation in the MCR Regional Buying Consortium.

The RML supported the use of DOCLINE to ensure smooth daily operation. Articles were published in *Plains to Peaks Post* encouraging users to update their institutional and serial records. Training sessions were held and one-on-one consults helped to resolve individual problems and answer questions.

Indicator: DOCLINE report 210 will show improved performance by regional DOCLINE participants.

This indicator was not met. Although the indicator was not met, we believe our performance is satisfactory. The regional removal rate was 3% and the rate for non-action was 0% throughout the year. The national average removal rate for non-receipt was 3.38% and the rate for non-action was 0%.

Technology

We continued to investigate and test synchronous and asynchronous communication technologies in order to promote their use in the region. Through various means, we informed members about useful technologies so that they could promote themselves as technology leaders in their own institutions. We promoted ourselves as a resource for those who were looking for technology assistance.

Investigating Technologies

We investigated products for video conferencing, Voice over IP (VoIP), wireless cards, blogging, podcasting, and satellite connectivity. We were most satisfied with

Festoon and Breeze (video conferencing) and have incorporated both into RML operations.

Our test of the Verizon wireless card at exhibits as a replacement for dial-up Internet access proved that this is not yet a dependable way to connect to the Internet. We also investigated the possible use of satellite modems for training in locations with poor Internet connections. Satellite connectivity has equipment issues and slow modem speeds that do not make it a feasible to use for training sessions.

Blog software tested this year were: Blogger.com, Bloglines.com, Movable Type and WordPress.

The RML investigated the use of iPods and MP3s. The RML tested recording a VoIP conversation with a software program called Total Recorder. The conversation was recorded and converted into an MP3, which can then be made available for podcasting. Total Recorder may be a good way to record VoIP interviews. Ms. Dennis tested conversion of a RealMedia streaming media file to the MP4 iPod format. Mini-sessions were presented at MCMLA, in the RML booth, introducing chapter members to the products that tested successfully for blogs, RSS, VoIP, and video conferencing.

Festoon

This was the year when video conferencing applications finally became user friendly. Festoon has become the video conferencing application of choice for the RML's weekly staff meetings. We are able to see and hear each other as well as share documents and web sites. The availability of this Internet based communication tool has reduced our reliance on the phone and reduced our long distance charges.

Breeze

After experimenting and assessing the capabilities of Breeze, the RML began using it as a presentation tool in the region. The

Regional Advisory Board new member orientation was offered at the end of August using Breeze. When questioned about what they thought of using Breeze for the orientation, a majority responded that Breeze was a successful medium to orient board members. In response to whether they preferred an in-person orientation, three responded no, one responded not sure, and one responded no preference. We will continue to use Breeze in our orientation for new board members. All new board members (7) responded to the survey.

In May, Ms. Dennis coordinated and attended a Breeze demonstration conducted by Susan Roberts of the Eccles Health Sciences Library. The demonstration was attended by six librarians affiliated with the Family Practice Inquires Network (FPIN) project and requested by Deb Ward, FPIN Vice President for Information Resources.

In October, Mr. Peay and Ms. Hamasu initiated "Breezing Along with the RML," a monthly session with RML staff. Mr. Peay introduced the session as a way for the RML to communicate with Network members and for members to get their questions answered. Participants included Network members and Advisory Board members. At the end of the presentations, a poll of the twenty-seven participants was taken. They were asked to rate Breeze as an RML communication tool, 92% answered that it was excellent or worked well. From the chat bar came the following comments:

- "Thank you for the chance to participate."
- "Excellent technology. I was glad to be able to participate."

"Breezing Along with the RML" had audio and firewall problems that were eventually resolved. The monthly sessions continued until the end of the year. Each session featured two liaisons talking about their project area. Attendance ranged from fifteen to twenty librarians from the MCR and other regions. These sessions gave us the oppor-

tunity to not only share what the RML had been doing, but also to obtain feedback from a captive (if small) audience. For example, during the technology session, those attending told us that they were most interested in hearing more about Web 2.0, Google map mash-ups, and podcasting; and that most of them had had direct experience with streaming media delivery, video conferencing, VoIP, and blogs. By the end of the year we had held four sessions and attracted a core group of regulars. We asked those who attended our last session about their experience. They reminded us that the sound system for Breeze was not consistent throughout the program and would sometimes fade in and out. A majority (87%) indicated that Breeze was a medium that was adequate or excellent and all wanted us to continue “Breezing Along with the RML.”

Videoevents

We continued to query Resource Libraries about events that could be videotaped and made available to the region. We solicited interest among librarians to learn how to videorecord events so that they could be streamed live or from our web site. Response to our efforts was poor.

Indicator: Four videostreamed events from trained libraries will be offered to the region.

This indicator was not met. Three events were recorded and made available to the region. The Community Health Information Partnership Symposium and two sessions from the Wyoming Symposium were recorded by Eccles Library and RML staff.

Indicator: A report on the use of streaming video technologies will be available to the NN/LM.

This indicator was not met. Although we continued to work with streaming video there was not enough interest in streaming video technology to produce a report.

Increasing Technology Awareness

In order to increase the awareness and knowledge of our Network members about new and applicable technologies the *Plains to Peaks Post* regularly featured a technology article.

Indicator: 75% of survey respondents indicate that articles were “informative” or “very informative” on a 5-point scale.

This indicator was met. A survey requesting feedback on our technology articles was conducted from April 19–May 10, 2006. Forty-one Network members responded. Thirty-three (80.5%) indicated that the articles were “informative,” “quite informative,” or “extremely informative” on a 5-point scale.

A class on VoIP and video conferencing was taught at MCMLA and the Wyoming Symposium, participants were introduced to blogs.

Indicator: Four members will publish blogs using the blog hosting service offered by the RML.

This indicator was partially met. Two participants from the Wyoming Symposium set up blogs.

Web Site

The MCR web site was enhanced over the year. A translator was hired to add Spanish descriptions of state health resources that are available in Spanish. This enables Spanish language readers to read about resources written in Spanish in their own language. Ms. Dennis researched blogs to set up the RML news blog on nnlm.gov. She completed the MCR news blog using WordPress and the blog became available from the web site in January 2006. RML News items are imported into the blog and the blog serves as the news archive. The blog provides a more user friendly interface to the archive by allowing access by category and date.

The Joint Commission on Accreditation of Healthcare Organizations (JCAHO) recognized the value of our content and added the MCR minority page as a link on the Hospital, Language and Culture section of the JCAHO resources list.
(http://www.jointcommission.org/HLC/source_Links.htm)

Indicator: 90% of librarians in the region responding to a survey report the MCR web site as useful, very useful, or can't live without it on a 5-point likert scale.

This indicator was met. The RML sent out an email on the mcmla-l providing a link to the survey asking Network members for feedback on the MCR web site. Thirty members responded the survey conducted in November 2005 (before the NN/LM web redesign). 3% of participants indicated that the web site was "extremely useful." 53% indicated "very useful." 43% indicated "somewhat useful." No participant indicated "not at all useful."

As the MCR representative, Ms. Dennis participated in the nnlm.gov web site redesign committee. She offered feedback on American Institutes for Research (AIR)'s Expert Review document, recruited participants for the AIR's usability studies, coordinated and participated in the MCR focus group and participated in the focus group debriefing session. In December, she attended the redesign meeting in Washington, DC. She facilitated meetings to elicit feedback from the staff and to determine the final structure for the new site. Ms. Dennis mapped files for the new design to the existing pages. Coding of the new pages began in March, was reasonably fast and efficient, and should be completed in May at the beginning of the new contract.

LinkOut

The RML continues to promote Linkout. A mini-session was presented in the RML booth at the MCMLA meeting to answer questions and encourage participation. Thomas Gibbs, Technology Liaison, designed a handful of buttons for libraries in the region.

Outreach Programs

State Outreach

(See Appendix G for Outreach Maps, Appendix H for Subcontractor Outreach Maps, Appendix I for Outreach Summary Reports, and Appendix J for 5 Year Outreach Summary Reports)

Rural Health Information Model

Ms. Windsor and Ms. Henning explored the literature on rural health information outreach in search of a ‘best model’ that the RML could adapt. They discovered virtually no literature on this. They concluded that a needs assessment is needed to develop the model. In the mean time they recommended that the RML should continue to:

- Identify organizations that do health related outreach currently in each of the six states
- Contact libraries, community based organizations, government agencies, and other entities to inform them of the NN/LM and its mission and purpose
- Take advantage of opportunities to teach health information to health care providers in order to gain recognition and trust from them
- Promote services to rural health communities and existing Area Health Education Centers (AHEC)
- Compile information from the activities listed above

Indicator: State liaisons in Kansas and Wyoming will work with professional health care organizations to address their health information needs.

This indicator was met. Ms. Henning was asked to be on the board of the Rural/ Frontier Women's Health Coordinating Centers (RFCC). Ms. Windsor worked with the Workforce Development Committee of the Kansas Department of Health and the Environment.

Indicator: An AHEC in each state will be visited at least once in 2005.

This indicator was not met.

Consumer Health Information Services

Liaisons carried out numerous activities to support consumer health information services in public libraries. Demonstrations and training sessions were scheduled, visits were made, and exhibits arranged. While carrying out these activities staff provided information on joining the NN/LM. Fifty-two outreach activities in the region involved public libraries and liaisons made twenty-five visits to public libraries. *(See Appendix K for Visits to Public Libraries)*

Indicator: Each State Liaison will exhibit and/or present at their annual state library association meeting AND 10% of attendees will get a demonstration.

This indicator was partially met. Staff exhibited and/or presented at all state library association meetings except for Kansas. At the last minute, the Kansas Liaison was not able to staff the exhibit booth and we were unable to find someone to replace her. We were able to convince an average of 3.5% of the meeting attendees to participate in a demonstration in the exhibit booth.

Indicator: Four new Affiliate members will be added in each state.

This indicator was not met. Nine public libraries joined the NN/LM this year; six of them were Utah public libraries.

Training for public librarians was carried out throughout the region. Many of the sessions were held at public libraries. An example is the training that took place in Missouri. Ms. Jones partnered with Nancee Dahm Stinson from the Missouri State Library and developed a workshop for public librarians focusing on the information needs of seniors (health information and resources available) and discussion about community agencies who would be good partners for public library programming. Much of the content for Ms. Jones' presentation came from "Beyond an Apple a Day" and "From Penicillin to Snake Oil." Four workshops were conducted throughout the state in September.

At NLM's request, Ms. Champ-Blackwell updated the ALA "Other Consumer Databases" Power Point and script for use at the Public Library Association '06 meeting in Boston. This presentation was used in the theater area to introduce NLM's consumer health resources.

Indicator: Public librarians receiving training will report increased knowledge about health opportunities and resources in post class evaluations.

This indicator was met. Starting in January, evaluations were distributed at all of our workshops and a majority of the participants in each class responded that they had increased knowledge at the end of the class.

The RML planned to use state library and state library association newsletters as a way to inform public librarians about NLM resources and their use in answering consumer health questions. Article templates were written that could be tailored or adapted for each of the state newsletters.

Indicator: Six articles will have been submitted to state library newsletters.

This indicator was partially met. Ms. Abbey wrote three articles that were published in the Colorado and Nebraska library newsletters. The other state liaisons did not submit the articles to their state library newsletters.

One way of increasing the access of communities to health information is through collaborative efforts involving health sciences and public librarians. Go Local is an example of this collaboration. In August 2005, the Nebraska Go Local funding proposal was reviewed and approved. Karen Cole, Regional Advisory Board Member, Ms. Kelly, and Ms. Hamasu were reviewers. The Go Local Utah site went live in January 2006. The region now has three Go Local projects that are live.

Indicator: Go Local groups in Colorado, Nebraska, Wyoming and Utah will be inputting data.

This indicator was partially met. All states listed, except Colorado, are inputting data.

Ms. Abbey met with the new Colorado State Librarian and was asked to be a judge for the 2006 National Commission on Libraries and Information Science (NCLIS) Health Awards for entries received in Colorado. This award was part of a nation-wide effort by NCLIS to recognize libraries that encourage and promote improved health for the populations they serve.

Ms. Magee, representing the RML and McGoogan Library of Medicine, partnered with the Nebraska Library Commission and the Nebraska Health and Human Services System to coordinate the Health Information Partnerships Symposium. This symposium, held November 11, 2005, brought together organizations from the same community to start planning health information outreach activities for their communities. The Nebraska Library Commission is offering several \$5,000 grants for increasing consumer health awareness, collections, and special projects. Meetings were scheduled with the eleven communities represented at the symposium to facilitate further planning.

The Bone and Joint Decade is an international group who wants to increase awareness of bone and joint disorders, especially osteoporosis. They developed a pilot project of team presentations in six public libraries during National Awareness week in October and enlisted the assistance of the NN/LM. The team consists of a physician, a patient, an RML or health sciences librarian, and a public librarian. One of the pilot presentations is proposed for the Kansas City area. The RML recommended Johnson County Public Library as the location for the presentation and will participate in the presentation.

Archie R. Dykes Library is spearheading a statewide program to improve access to consumer health information called K-CHIN, Kansas Consumer Health Information Network. Mary Beth Warren, Advisory Board member representing the

Kansas AHEC and Laurie Marshall of the Kansas Health Consumer Coalition worked with Ms. Windsor to develop a consumer health information class.

Indicator: Cooperation among public and medical librarians will be reported in all states.

This indicator was met. Cooperative efforts occurred in all states.

Public Health

RML liaisons promoted NLM resources to the public health workforce in twenty-four outreach activities. In addition, resources were promoted at state public health meetings in all states except Colorado.

Ms. Windsor successfully developed a good relationship with the Kansas Department of Health and Environment (KDHE). She contributed to the Kansas public health certificate program which updates the list of core competencies. As a result of her effort, the document lists the NN/LM Kansas Liaison as a trainer for both "Analytic/Assessment Skills" and "Basic Public Health Sciences Skills." Also listed as a trainer is Teresa Coady, librarian at the University of Kansas-Wichita and a CDCynergy instructor. KDHE has included the NLM web site address in the document which will be distributed to all public health workers taking the certificate program in 2006.

Ms. Windsor met with the new Public Health Informatics Coordinator, Victoria Wangia. Ms. Wangia is a staff member of the Center for Healthcare Informatics, University of Kansas Medical Center, (<http://www2.kumc.edu/healthinformatics/>) that offers informatics classes across the curriculum at the medical school. One of the programs it serves is the public health

masters program. Ms. Windsor explained what the NN/LM is and what she can do to help with course content or teaching. One of our goals has been to institutionalize the integration of informatics into public health curricula. With the creation of this center at the University of Kansas Medical Center, we know that the public health program at this school has integrated informatics.

Ms. Magee was one of the two librarians from the region who was trained to teach CDCynergy. The second librarian was Teresa Coady, who was co-PI for a subcontract focused on public health in Kansas.

Ms. Magee wrote an information piece on the Health People 2010 Information Access Project that was added to the Public Health Association web site. (http://www.publichealthne.org/news_and_funding.htm)

Stephanie Weldon, former RML liaison, is now a reference librarian at Denison Memorial Library. In her current position, she started a conversation with employees of the Colorado Department of Public Health and Environment who had come to Denison for assistance, about the benefits of establishing a library in the department. She enlisted Ms. Abbey in continued discussions with the public health department.

Indicator: A draft document highlighting the importance of a public health library for public health workers will be created and distributed.

This indicator was met. Budget and service data from other public health libraries was presented to the state public health department. Ten section directors of the Colorado Department of Public Health and Environment are deliberating the establishment of a public health library within the department.

We thought that collecting information on important individuals in a database would facilitate sharing of this information among liaisons. Ms. Youngkin volunteered to test this using ACT, a contacts database, available to us through the Tribal Connections Four Corners project.

Indicator: Two contact records per state will be added to the existing public health contact database.

This indicator was not met. The ACT database did not isolate our information from non-RML staff. We were unsuccessful in getting liaisons to add information to the database. Ultimately, we decided that this was not the most efficient way of sharing public health and other contacts that liaisons had made.

For most of the year, there was no one coordinating the public health activities. This resulted in the following indicators not being met:

- *Two contact records per state will be added to the existing public health contact database.*
- *Public health workers send the RML unsolicited comments as a result of visiting our web site or a receiving a communication from us.*
- *Three state liaisons will suggest at least two additional sites to their state public health web site administrators for links to NLM services.*
- *75% of individuals visiting booth or attending presentation who return evaluation card indicate that the visit or presentation provided useful information.*
- *A new public health project with collaboration potential will be identified from the public health literature.*
- *Liaisons and/or Network members will present two classes to the public health graduate programs in Kansas and Utah.*
- *The OPHL project will continue in Wyoming.*
- *75% of public health workers attending the class will be able to demonstrate a working knowledge of various NLM resources in a class post test.*

Community Outreach

(See Appendix L for Minority Outreach Maps)

The series of four ethnic trifold that list health information sites on the Internet for African Americans, Asian Americans, Latino Americans, and Native Americans developed by Ms. Champ-Blackwell was sent out in May. As a result of this mailer, liaisons received emails and phone requests on how to locate the trifolds for use within their libraries.

An introductory letter about Minority Health Month and emails from the NN/LM Community Outreach Group were sent to regional and national listservs in March and April. Librarians used the information that was distributed. A librarian in Texas from REFORMA downloaded the Latino trifold and an MCR member created a diversity page (<http://www.methodistcollege.edu/library/chsinternetresrcs/diversity.htm>) that she promoted within her own institution and to community groups. The American Indian Resource Center sent out a copy of the letter with American Indian resources in their April eNews and added the links to their web site. (<http://www.tulsalibrary.org/airc>)

Ms. Henning was recruited to the new Rural/Frontier Women's Health Coordinating Center's (RFCC) advisory board. The roster of the advisory board reads like a Who's Who of Wyoming health care and telehealth organizations; organizations that can use the resources and services provided by NLM and the NN/LM.

Bringing Health Information to the Community (BHIC) Blog

The BHIC blog was established toward the end of year 04 to address current information needs of community based organizations. This year saw new subscribers and readers not only from the U.S. but among internationals. The majority of BHIC

subscribers work for community based organizations, academic institutions, libraries, and government agencies.

Quarterly solicited feedback on the use of the blog always brought in thanks and appreciation for the news items. Many readers forward the news items on to their colleagues and add them to their web sites or their own blogs, making the BHIC blog part of their social network. In addition, many responded that they use the grant information to apply for funding. It's not unusual for Ms. Champ-Blackwell to find that her blog news items circle back to her. She'll receive a recommendation from a colleague to post on the blog that originated from the BHIC blog (identified by the tinyurl she establishes for some web sites). Links to the blog appeared on the MPLA (Mountain Plains Library Association)/WyLA (Wyoming Library Association) Conference Blog, JCAHO web site, and the PHPartners web site.

Indicator: Subscription numbers to the blog will increase by at least 30.

This indicator was met. BHIC had 55 new subscribers this year.

Indicator: 50 subscribers to the blog will respond, with specific statements on how the information is used.

This indicator was met. 52 responses were received over the year on how subscribers used the news provided by the blog.

The RML worked on an online tutorial that could be used by Computer Technology Centers (CTC) using health information resources as the platform for teaching community members how to search and evaluate web sites. It was beta tested at the Black Family Technology Association meeting in Kansas.

Indicator: Three CTCs in the region will be using the online tutorials as a tool in their outreach.

This indicator was not met. The final version of the tutorial was not completed in time to be used by the CTCs.

The RML continued to maintain its relationship with tribes in Wyoming and Nebraska; however, the majority of outreach to Native American communities was conducted through the Tribal Connections Four Corners (TC4C) project. Ms. Hamasu coordinated the submission of a TC4C proposal for \$100,000 to NLM. This proposal funded the University of New Mexico to organize a meeting of health sciences libraries and RMLs actively involved in Native American outreach. This meeting will be held at the beginning of the next contract. It also funded one public library in each state (two in Arizona) to work with their academic health sciences library to promote health information access in their community. Health sciences librarians provided training on the use of MedlinePlus and other NLM consumer health resources. The public libraries came up with their own activities to promote themselves as a place to go for health information. Some of the events had standing room only; one of the events was presented in Navajo.

Ms. Champ-Blackwell (chair), Ms. Hamasu and Susan Barnes (OERC) make up the TC4C Effective Practices Work Group. With the TC4C Needs Assessment Work Group, they drafted an entry for the Effective Practices Collection to share the lessons learned in conducting a needs assessment at health care facilities in the Four Corners area.

Indicator: One instructional training session will take place with each tribal institution with whom we are working.

This indicator was partially met. Hands-on training was held at the Winnebago Tribal College and Public Library (NE) and for the Ute Mountain Ute health center staff (CO).

As a follow up to the training by the National Center for Cultural Competence at Georgetown University in 2004, Ms. Champ-Blackwell and Ms. Hamasu implemented ways to ensure that staff at the RML remained culturally sensitive and to ensure that the RML's publications were culturally appropriate. Ms. Champ-Blackwell started a collection in QuickPlace that presents culturally sensitive approaches to outreach and publications. The MCR web site was reviewed and descriptions of Spanish language web sites that appear on the site were translated into Spanish.

Indicator: Cultural competency principles will be identified and all publications and policies are reviewed for compliance with the principles.

This indicator was met. The principles identified in the training were accepted. Ms. Champ-Blackwell and appropriate contacts reviewed the RML's publications and policies for compliance. RML liaisons shared information and resources that promoted cultural sensitivity.

With unexpended funds from the previous year, the RML subcontracted with the University of Wyoming to organize a meeting to bring the national 2004 Symposium on Community-based Health Information Outreach to a regional level. Consumer Health Information Partners Symposium was successfully held in Jackson Hole, Wyoming, on October 11, 2005. The thirty-one participants included Resource Library Directors, public librarians, staff from community based organizations and agencies working with minorities from each state in the region. Due to a snow storm, twenty of the registered participants were unable to make it to Jackson Hole. The responses to the symposium's evaluation survey indicated that twenty of the thirty-one participants were involved in outreach before attending the symposium; four more expect to become involved. Nineteen of twenty were involved in partnerships; three more expect to form partnerships. The overall response was

extremely positive. Even participants not involved in outreach to community organizations indicated that the information they received was useful and would be applied to other areas of their work.

As a result of her work with Cambio de Colores helping to plan and participating in Bi-National Health Week, Ms. Jones was interviewed by Missouri Public Television (KOMU) on Spanish language resources. The interview will be included in their six-part series on the Spanish speaking population in Missouri.

Indicator: RML staff will exhibit at one minority health conference per state and presentations will be made at three minority conferences that send a call for papers.

This indicator was met. RML staff exhibited in each of the states for a total of seven minority health conferences. They presented at four of them.

Regional Minority Health Consultants of the DHHS Office of Minority Health travel and interact with many health care providers, staffs of community based organizations and the public health workforce. The RML designated these consultants as significant in

disseminating information about NLM resources. Ms. Champ-Blackwell has established a collegial relationship with the Regional Minority Health Consultant for Region VII that overlaps our states of Kansas, Missouri, and Nebraska. Contact was made with the Regional Minority Health Consultant for Region VIII that overlaps our states of Colorado, Utah and Wyoming, but an on-going relationship has not been established, yet.

Indicator: Region VII and Region VIII RMHC's will include MCR as a partner in an event.

This indicator was not met. The Regional Minority Health Consultant for Region VII gathered interest for holding a conference but was unable to secure funding from his parent organization. If the conference had been held, the MCR would have been one of the partner organizations.

Indicator: A Regional Minority Health Coordinator (RMHC) will initiate contact with MCR to provide and seek health information.

This indicator was met. The RMHC for Region VII shared news and resources with Ms. Champ-Blackwell and was named a member of the Regional Advisory Board.

Appendices

Appendix A:

CE Classes and Professional Development

CE Classes, Training, and Conferences Attended

Title	Date	Name
White House on Aging – pre-conference at ALA	June 21, 2005	M. Magee
ALA	June 25-28, 2005	S. Champ-Blackwell, M. Magee
LinkOut Class	July 19, 2005	B. Jones
NCBI Molecular Biology databases workshop		L. Windsor
LAMA Workshop “Incorporating Outcomes into Library Measurement and Assessment”	August 19, 2005	B. Jones
SOPHE CDCynergy Training	August 24-25, 2005 Bethesda, MD	M. Magee
NLM Orientation	September 8, 2005 Bethesda, MD	D. Abbey, T Gibbs, L. Windsor
Searching PubMed – CE MCMLA	September 17, 2005 Salt Lake City, UT	D. Abbey, M. Henning, S. Sawyer
Librarian as Professional – CE MCMLA	September 17, 2005 Salt Lake City, UT	T. Gibbs
Evidence Based Librarianship – CE MCMLA	September 18, 2005 Salt Lake City, UT	M. Henning, L. Windsor
Tablet PCs for Instructing – CE MCMLA	September 18, 2005 Salt Lake City, UT	D. Abbey
PDA's – CE MCMLA	September 18, 2005 Salt Lake City, UT	T. Gibbs
Open Source Communication and Collaboration Tools – LITA	September 29, 2005 San Jose, CA	S. Dennis
ALA Library and Information Technology Forum (LITA)	September 30 – October 2, 2005 San Jose, CA.	S. Dennis
MPLA	October 12-15, 2005 Jackson Hole, WY	S. Champ-Blackwell, M Magee, L. Windsor
Missouri Health Policy Summit	October 28, 2005	B. Jones
Siciliano Forum: Societies and Cities in the Age of Instant Access	November 10, 2005	C. Hamasu
"Blogging at Creighton"	December 13, 2005	S. Champ-Blackwell
"Multicultural Communication: Overcoming Language Barriers in the Healthcare Sector"	December 14, 2005	S. Champ-Blackwell
“Building Effective Relationships” Seminar presented by LDK Associates	December 15, 2005 Durango, CO	D. Abbey
UNMC Cultural Competency	January 4, 2006	S. Champ-Blackwell
Evaluator’s Institute Using Program Theory Logic Models and Qualitative Data Analysis	January 9, 2006	B. Kelly
Health Informatics class	January 10-31, 2006	M. Henning

National Office of Minority Health Summit: “National Leadership Summit on the Elimination of Health Disparities”	January 12, 2006 Washington, DC	S. Champ-Blackwell
Town Hall Meeting of the Citizens Health Care Working Group	January 17, 2006 Kansas City, MO	L. Windsor
Webcast – Community Collaboration	January 19, 2006	C. Hamasu, L. Windsor
American Society of Training & Development TechKnowledge conference	January 21, 2006 Denver, CO	M. Magee
DOCLINE CE	January 27, 2006 Denver, CO	D. Abbey
QuickDOC CE	January 27, 2006 Denver, CO	D. Abbey B. Jones
OERC all day workshop	February 3, 2006 Houston, TX	S. Champ-Blackwell
Bob Pike’s Train-the-Trainer Boot Camp	February 9, 2006 Phoenix, AZ	D. Abbey, S. Champ-Blackwell, B. Jones, B. Kelly
Measuring impact: cost justification for information services	February 15, 2006	B. Jones, B. Kelly, L. Windsor
AAAS Conference	February 16, 2006 St. Louis, MO	L. Windsor
“Race and Medicine”	February 23, 2006 Omaha, NE	S. Champ-Blackwell
Bob Pike’s Train-the-Trainer Boot Camp	March 1, 2006 Chicago, IL	S. Dennis, T. Gibbs, M. Henning
O'Reilly Emerging Technology Conference	March 6, 2006 San Diego, CA	S. Dennis
Podcasting workshop	March 8, 2006	S. Champ-Blackwell
MLA Institute on Web-Based Learning	March 13, 2006 Chicago, IL	M. Magee
E-Centric meeting	March 24, 2006 New York, NY	S. Dennis, C. Hamasu
Governor's Health Care Dialogue	March 29, 2006 Denver, CO	D. Abbey
Ethics Conference: A Medical Home for Every Child: Ethics, Law and Policy	April 7, 2006	D. Abbey
Eliminating Health Disparities in Missouri Conference	April 11, 2006	B. Jones

Presentations/Posters at MLA

- Ms. Dennis presented “Exploring the Videoconferencing Wilderness: ‘Mixing and Matching’ Video Hardware and Software for Remote Communication and Distance Education.”
- Ms. Jones co-presented the Missouri experience with Go Local as part of the Go Local session.
- Ms. Champ-Blackwell co-presented two posters: “Understanding Outreach: Building Relationships with Your Community” with NN/LM staff, and “Reaching Out: Online Training Tools for Underserved Populations.”
- Ms. Hamasu co-presented “Multi-Institutional Collaborative Grants: Managing Institutional and Geographic Diversity.”
- Ms. Magee co-presented Bridging Cultures: Librarians as Consumer Health Video Producers

Appendix B:

Exhibits and Presentations at Meetings

Event	Date Place	Name	Comments
<i>National Meetings</i>			
CTCnet	June 16-19, 2005 Cleveland, OH	S. Champ-Blackwell	Exhibited with Roy Sahali (NN/LM Pacific Northwest Region). Presented a class on creatively incorporating NLM's consumer health databases into after school, back-to-work, and senior learning programs.
American Library Association	June 25-28, 2005 Chicago, IL	S. Champ-Blackwell, M. Magee	Exhibited as part of the NLM team. Ms. Champ-Blackwell presented "Consumer Resources Other than MedlinePlus."
ALA Diversity Fair	June 26, 2005 Chicago, IL	S. Champ-Blackwell	Presented Community Outreach Group poster with Gail Kouame (NN/LM Pacific Northwest Region).
Health Ministries Association	June 30, 2005 Omaha, NE	M. Magee	Exhibited with Gail Kouame (NN/LM Pacific Northwest Region).
National Rural Health Association - Skill Building Workshop	July 20, 2005 Nebraska City, NE	M. Magee	Presentation
Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)	September 29 – October 2, 2005 Denver, CO	D. Abbey	162 visitors to the booth. The majority of visitors were Chicano or Native American. 2212 general attendees; 1103 were students
Library and Information Technology (LITA) Forum	October 2, 2005 San Jose, CA	S. Dennis	Presented Poster "Streaming Media on the Go: A Portable, Affordable, "Mini" Mobile Videobroadcasting Unit for Live Broadcasts and Archiving Events"
National Congress of the American Indian	October 30 – November 4, 2005 Tulsa, OK	B. Jones, M. Magee	Exhibit
American Academy of Medical Administrators (AAMA)	November 10-12, 2005 Las Vegas, NV	S. Champ-Blackwell, L. Windsor	Everyone knew who the NLM was and many people talked about how they use their own medical librarians. Very exciting to hear from these people who make policy level decisions in their institutions that they knew about their libraries.

Event	Date Place	Name	Comments
Public Library Association 2006 Meeting	March 22, 2006 Boston, MA	D. Abbey, S. Champ-Blackwell	Presented two theater sessions developed by Ms. Champ-Blackwell on NLM's consumer health information resources
Indian Health Services Research Conference	April 23-26, 2006 Albuquerque, NM	D. Abbey	250 participants. 158 visitors to the Tribal Connections Four Corners exhibit.

Local/Regional Meetings

Kansas Public Health Nursing Conference	May 4, 2005 Wichita, KS	L. Windsor	Spoke to approximately 50 of the 450 attendees about PubMed, MedlinePlus, and MedlinePlus en espanol. Many were unfamiliar with MedlinePlus. They seemed thrilled to have a web site to refer their patients to.
Community Health Connect	May 5, 2005 Provo, UT	M. Youngkin	Approximately 500 people attended. Talked with about 65 people. Gave 25 demos on MedlinePlus and 3 on PubMed.
Utah Public Health Annual Conference	May 9, 2005 Park City, UT	M. Youngkin	Talked with 68 individuals. Gave 32 demos, 25 were of the Partners web site.
Utah Library Association	May 12, 2005 Ogden, UT	M. Youngkin	Gave 15 demonstrations, mostly of MedlinePlus.
Biopreparedness Education Conference	May 24, 2005 Kearney, NE	M. Magee	Exhibit
Migrant Conference	June 8-10, 2005 Wichita, KS	L. Windsor	Exhibit
Association for Utah Community Health	June 9-10, 2005 Park City, UT	M. Youngkin	Talked with 46 of 160 attendees. Gave 14 demos.
Wyoming Medical Society Annual Meeting	June 9-11, 2005 Jackson, WY	M. Henning	Exhibit
Nebraska School Nurse Association	June 13, 2005 Kearney, NE	M. Magee	Exhibit
Eastern Library System Annual Conference of the Nebraska Library Commission	June 20, 2005	M. Magee	Exhibit
Technology in Education Conference	June 20, 2005	D. Abbey	Recommend returning if able to present as the booth traffic is low
The Virtual Frontier: Developing and Delivering Health Science Education from a Distance	June 21, 2005 Omaha, NE	S. Champ-Blackwell	Presented a poster on the eHealth project with Brian Jimenez
Nebraska Midwest Institute	July 24, 2005 Lincoln, NE	M. Magee	Presented and exhibited

Event	Date Place	Name	Comments
Maternal/Child Health Annual Meeting	August 2, 2005 Lander, WY	M. Henning	Demonstrated the Partners public health web portal to public health nurses using the Partners training manual to frame the class
Nebraska Association for Translators and Interpreters (NATI)	August 4, 2005	S. Champ-Blackwell	Presentation: MCR web site, CAPHIS top 100, NN/LM multilingual resources
CARE Fair	August 13, 2005 Salt Lake City, UT	C. Hamasu	Health fair offers health examinations and testing. Community organizations are invited to promote their resources. Primarily attended by Spanish language speakers.
Caring for the Frail Elderly Conference	August 26, 2005 Columbia, MO	B. Jones	Exhibit
Rural Health Education Network Conference	September 8, 2005 Kearney, NE	M. Magee	Exhibit
Public Health Association of Nebraska	September 23, 2005	M. Magee	Exhibit and Presentation
Nebraska Library Association – Pre-Conference on Mental Health	September 27, 2005 Lincoln, NE	M. Magee	Workshop
Nebraska Library Association	September 28, 2005 Lincoln, NE	M. Magee	Exhibited and Presented Consumer Health Information Partnerships
Westberg Parish Nurses Symposium	September 30, 2005 St. Louis, MO	B. Jones	Exhibit
Nebraska Nurses Association	October 6, 2005	M. Magee	Exhibit
MPLA/Wyoming Library Association Joint Meeting	October 13, 2005	S. Champ-Blackwell	No Comprende part one and part two
ASTRO American Society for Radiation and Oncology (ASTRO)	October 17, 2005	D. Abbey	Presented two classes on PubMed. The turnout at the eLearning sessions for PubMed was more than the lab could hold, so a second room was set up and the presentation was telecast to the overflow participants.
Missouri Rural Health Association/Missouri Public Health Association meeting	October 17, 2005	B. Jones	Two - 90 minute classes
2005 Culture of Data Conference	October 21, 2005 Arvada, CO	D. Abbey	Exhibit
Kansas Library Association College & University Library Section Annual Meeting	October 21, 2005	L. Windsor	Presented an overview of the NN/LM and NLM

Event	Date Place	Name	Comments
Nebraska Minority Health Conference	October 26, 2005 Omaha, NE	S. Champ-Blackwell, M. Magee	250 attendees - Ms. Champ-Blackwell presented
Missouri State Library Association	October 26, 2005	B Jones	Exhibit
Colorado Association of Libraries 2005 Conference	November 10, 2005	D. Abbey	Had 112 visitors to the booth - There were 1,100 registered for the conference
Rocky Mountain Regional Bioinformatics Conference	December 10, 2005 Snowmass, CO	D. Abbey	Presented paper on the National Center for Biotechnology Information
2nd Annual Black Family Technology Awareness Week "Women of Color: The Healing Touch of Technology"	February 13, 2006 Kansas City, KS	S. Champ-Blackwell, L. Windsor	Presentation on MedlinePlus, ToxTown, ToxMap, and the digital divide. RML staff ran the computer lab as a drop in center. In addition, RML had an unstaffed exhibit booth.
La Vista Community Health Fair	February 24, 2006 Nebraska	M. Magee	About 80 attendees. Would not exhibit at this again.
Black Family Wellness Conference	March 24, 2006 Omaha, NE	M. Magee	Conference was well-attended. Optimal location next to line for blood-pressure screening contributed to good interest!
Missouri Show Me Summit on Aging and Health	March 27, 2006 Springfield, MO	B. Jones	Made contact with directors of senior centers and senior care facilities who were interested in MedlinePlus classes.
Nebraska Public Health Nurses Conference	March 30, 2006 York, NE	M. Magee	Small conference but good interest
Molecular Biology Mini-Symposium Exhibit	April 6, 2006 Aurora, CO	D. Abbey	280 participants at the symposium and 50 visitors to the booth
Colleague Connection Exhibit	April 17, 2006 Denver, CO	D. Abbey	Attended by librarians from public, hospital, law and special libraries in Colorado.
Cambio de Colores Conference	April 19, 2006 Columbia, MO	S. Champ-Blackwell, B. Jones	225 attendees. Class entitled "Heard it Through the Grapevine....How Valuable Is It?" Approximately 20 attendees in the class and all seemed very enthusiastic about the resources.
Missouri Association of School Librarians	April 23, 2006 Missouri	B. Jones	Librarians' reactions to the resources were either extreme disinterest or thrilled with the information.
Second Annual Healthy People Health Fair at the Boone County Health Department	April 29, 2006 Columbia, MO	B. Jones	Very well organized with local health agencies participating. Included presentations on healthy food choices, healthy heart, Tai Chi, salsa dancing, yoga, and aerobics.

Appendix C: Staff Publications

Abbey, D. Recent enhancements to your favorite NLM databases. Council Quotes [serial on the Internet]. 2006 Feb [cited 2006 Nov 8]; 29(1):5. Available from:
<http://www.ccmlnet.org/CQ/CQFeb06.pdf>

Abbey, D. Select natural standard monographs now available in MedlinePlus. Centennial State Libraries Newsletter [serial on the Internet]. 2006 Mar 10 [cited 2006 Nov 8];2. Available from:
<http://www.cde.state.co.us/libnewsletter/download/pdf/slcent2006/03-10-06.pdf>

Abbey, D. More new resources – these on health – LactMed & Toxnet. Centennial State Libraries Newsletter [serial on the Internet]. 2006 Apr 21 [cited 2006 Nov 8]; 3-4. Available from:
<http://www.cde.state.co.us/libnewsletter/download/pdf/slcent2006/04-21-06.pdf>

Champ-Blackwell, S. New 2-1-1 Web site provides easy access to human services information. What's up?. [serial on the Internet] Summer 2005[cited 2006 Nov 8]; 17(4):14. Available from:
http://www.esu3.org/ectc/whatsup/wusum05/wusum05_tech_211.htm

Champ-Blackwell, S; Weldon, S. Free online consumer health classes. Journal of Consumer Health on the Internet. 2005[cited 2006 Nov 8]; 9(3):37-42. Available from:
<https://www.haworthpress.com/store/ArticleAbstract.asp?sid=L03VQ33P7SED9KE1DPDLB2M1HKK69W16&ID=58572>

Dennis, S. Seeing is believing! Skype VoIP adds video: all about vSkype. IAIMS Newsletter. Fall 2005 [cited 2006 Nov 8]; 21(1):8. Available from:
http://medlib.med.utah.edu/or/iaims/Fall_2005_IAIMSw.pdf

Dutcher, GA; Hamasu, C. Community-based organization's perspective on health information outreach: a panel discussion. JMLA 2005 Oct; 93(4 Suppl): s35-s42.

Magee, M. Is your child properly immunized?. What's up?. [serial on the Internet] Summer 2005[cited 2006 Nov 8]; 17(4):17. Available from:
http://www.esu3.org/ectc/whatsup/wusum05/wusum05_health_immun.htm

Peay, WJ; Rockoff, ML. Introduction. JMLA. 2005 Oct; 93(4 Suppl): s4-s9.

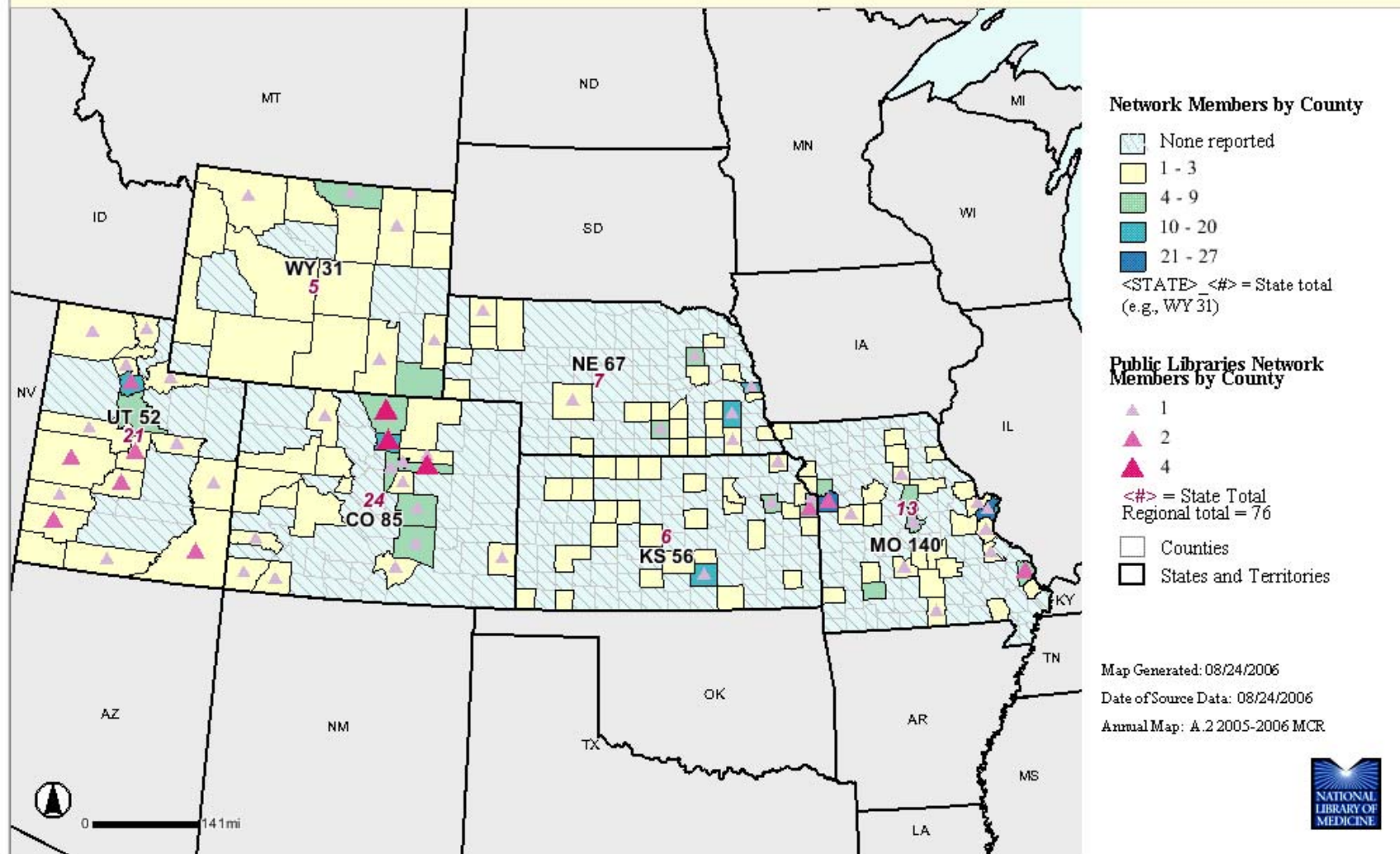
Appendix D: Network Membership Maps

Midcontinental Region

Network Members

May 1, 2005 - April 30, 2006

Total = 431



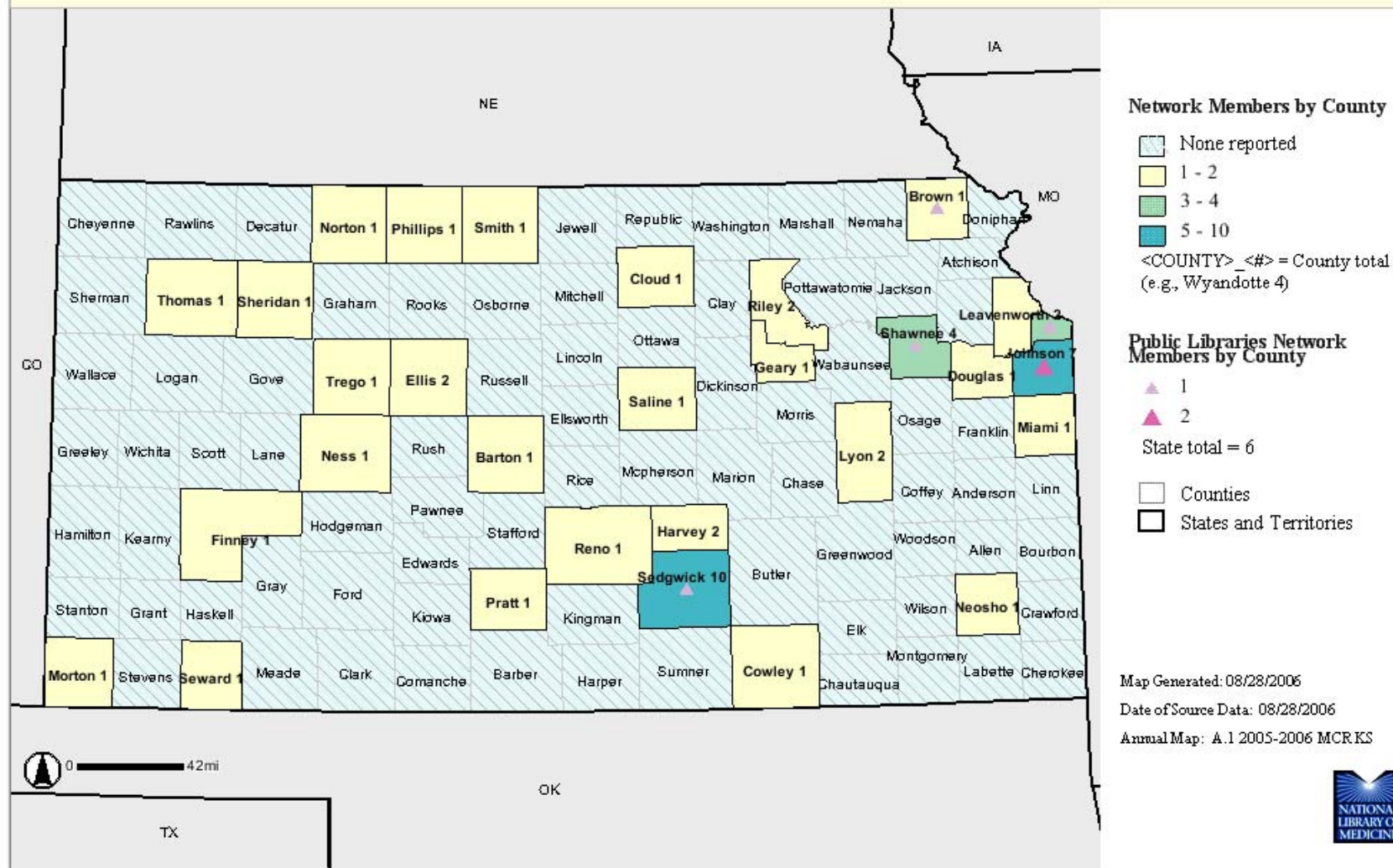
May 1, 2005 - April 30, 2006
Total = 85



Kansas Network Members

May 1, 2005 - April 30, 2006

Total = 56



May 1, 2005 - April 30, 2006
Total = 140



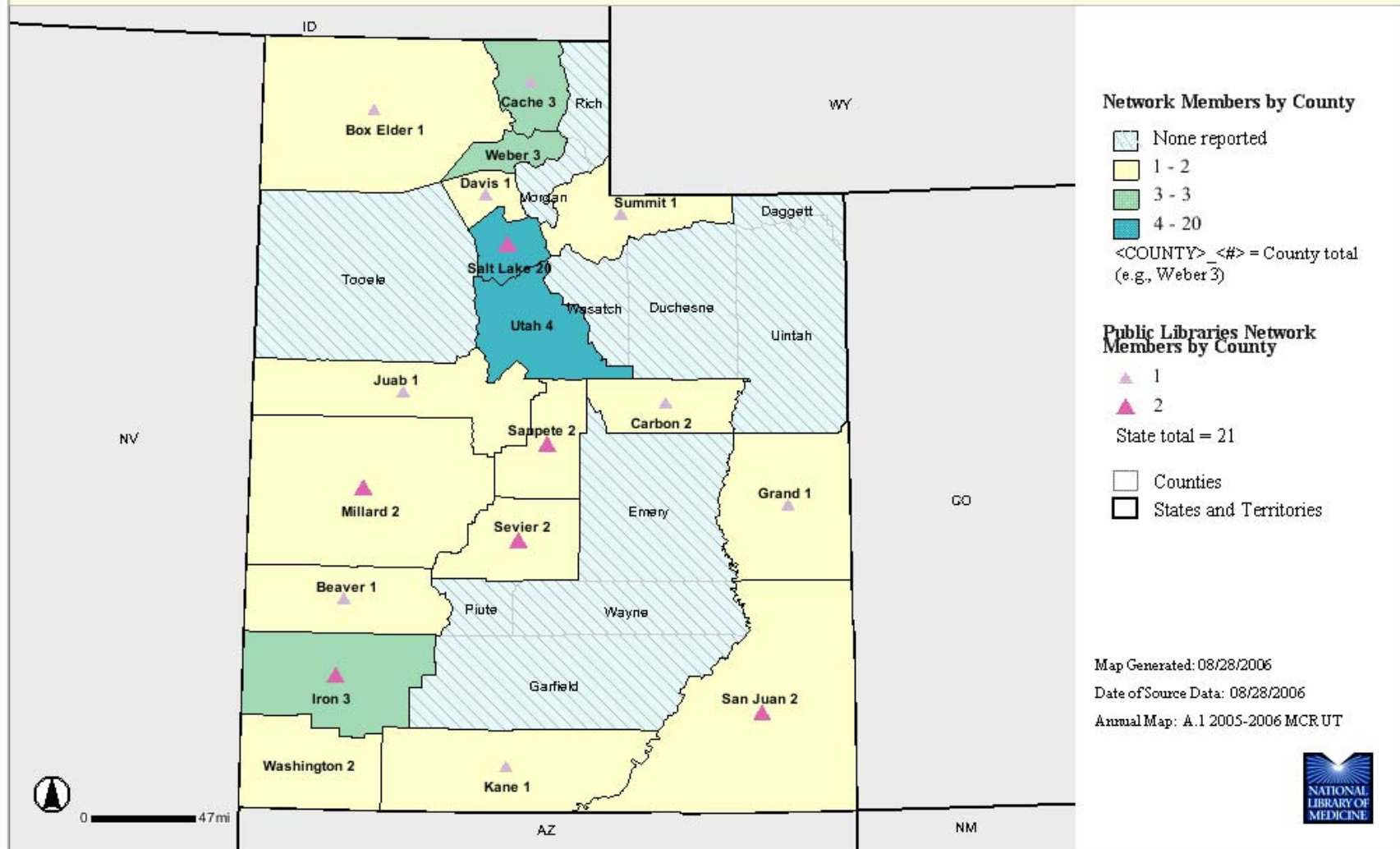
May 1, 2005 - April 30, 2006
Total = 67



Utah

Network Members

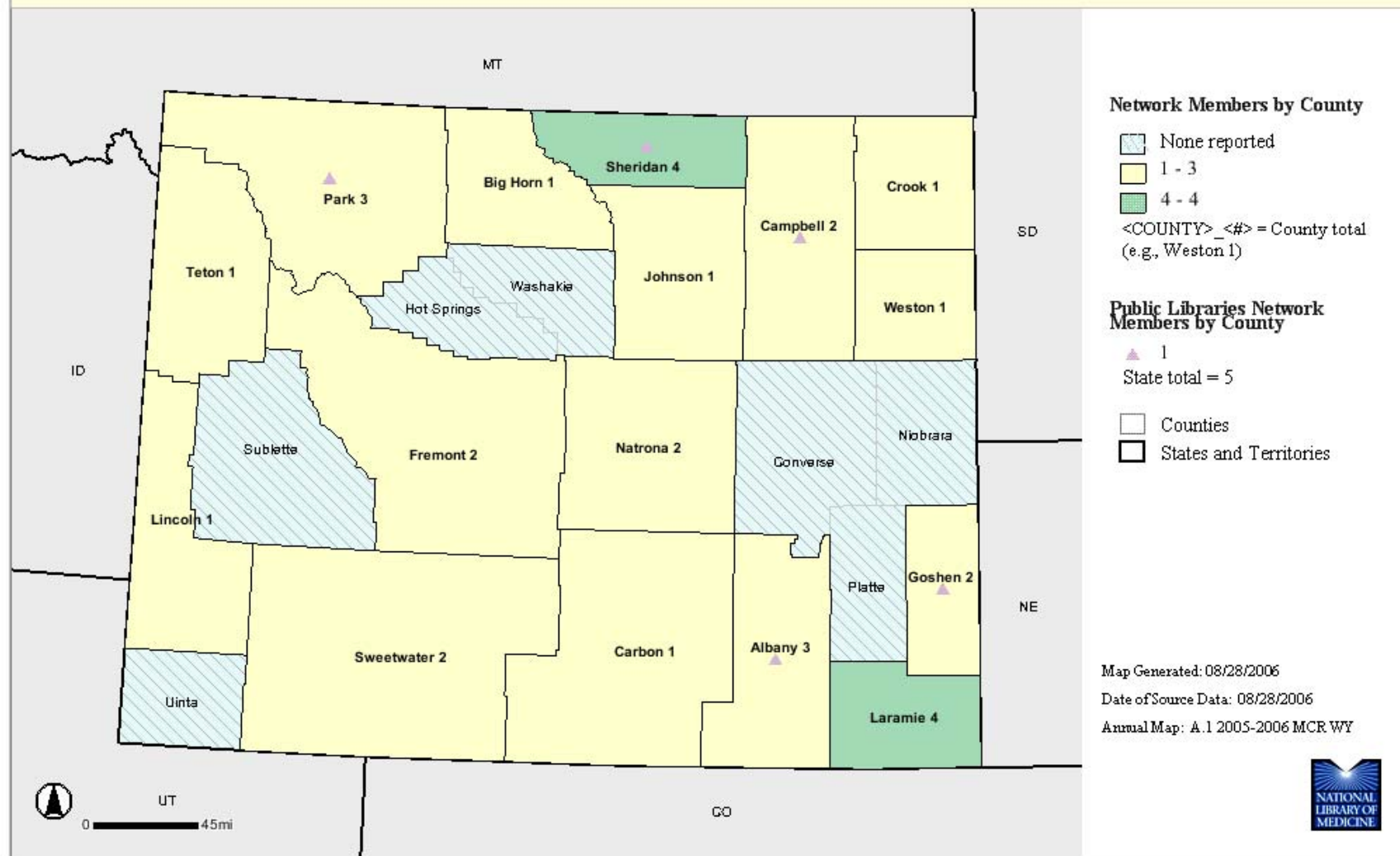
May 1, 2005 - April 30, 2006
Total = 52



Wyoming Network Members

May 1, 2005 - April 30, 2006

Total = 31



Appendix E:

Visits to Network Members

Visits to Network Members:

May 10, 2005	Alegent Immanuel Medical Center, Nebraska
July 12, 2005	St. Francis Medical Center, Nebraska
July 12, 2005	Cozad Community Hospital, Nebraska
July 12, 2005	Gothenburg Memorial Hospital, Nebraska
July 12, 2005	Tri-County Hospital, Nebraska
July 12, 2005	Valley View Hospital, Colorado
July 22, 2005	LDS Business College, Utah
July 9, 2005	St. Mary's Hospital, Missouri
August 15, 2005	Utah Valley Regional Medical Center, Utah
October 5, 2005	St. Joseph Hospital, Colorado
October 17, 2005	Penrose-St. Francis Healthcare, Colorado
December 5, 2005	Colorado School of Traditional Chinese Medicine
December 13, 2005	Mercy Medical Center-Durango, Colorado
January 23, 2006	Metro Community College - Elkhorn campus, Nebraska
January 24, 2006	Denver VA Hospital Library
January 26, 2006	Nebraska Methodist College - John Moritz Library
February 22, 2006	Cloud County Community College, Kansas
March 9, 2006	Prevention Information Center, Colorado
March 9, 2006	Denver Botanic Gardens, Colorado
March 16, 2006	Bryant College, Nebraska
March 21, 2006	Jewish Hospital School of Nursing and Allied Health, Missouri
March 26, 2006	St. Mary's Hospital, Missouri
April 6, 2006	St. John's Medical Center - Joplin, Missouri
April 6, 2006	Freeman Regional Medical Center, Missouri

Appendix F: Network Member Status

New Full Members:

Maryville University, Missouri

Affiliate Members:

Spanish Peaks Library, Colorado
Huntsman Cancer Learning Center, Utah
LDS Business College Library, Utah
Middendorf-Kredell Library, Missouri
Cape Girardeau Public Library, Missouri
Provo City Library, Utah
Kanab City Library, Utah
OSHA Salt Lake City Technical Center, Utah
Washington County Library, Utah
Westminster College, Utah
Parowan Public Library, Utah
Salt Lake City Public Library, Utah
Merrill-Crazier Library, Utah
West Desert Technical Information Center, Utah

Changed from Full to Affiliate status:

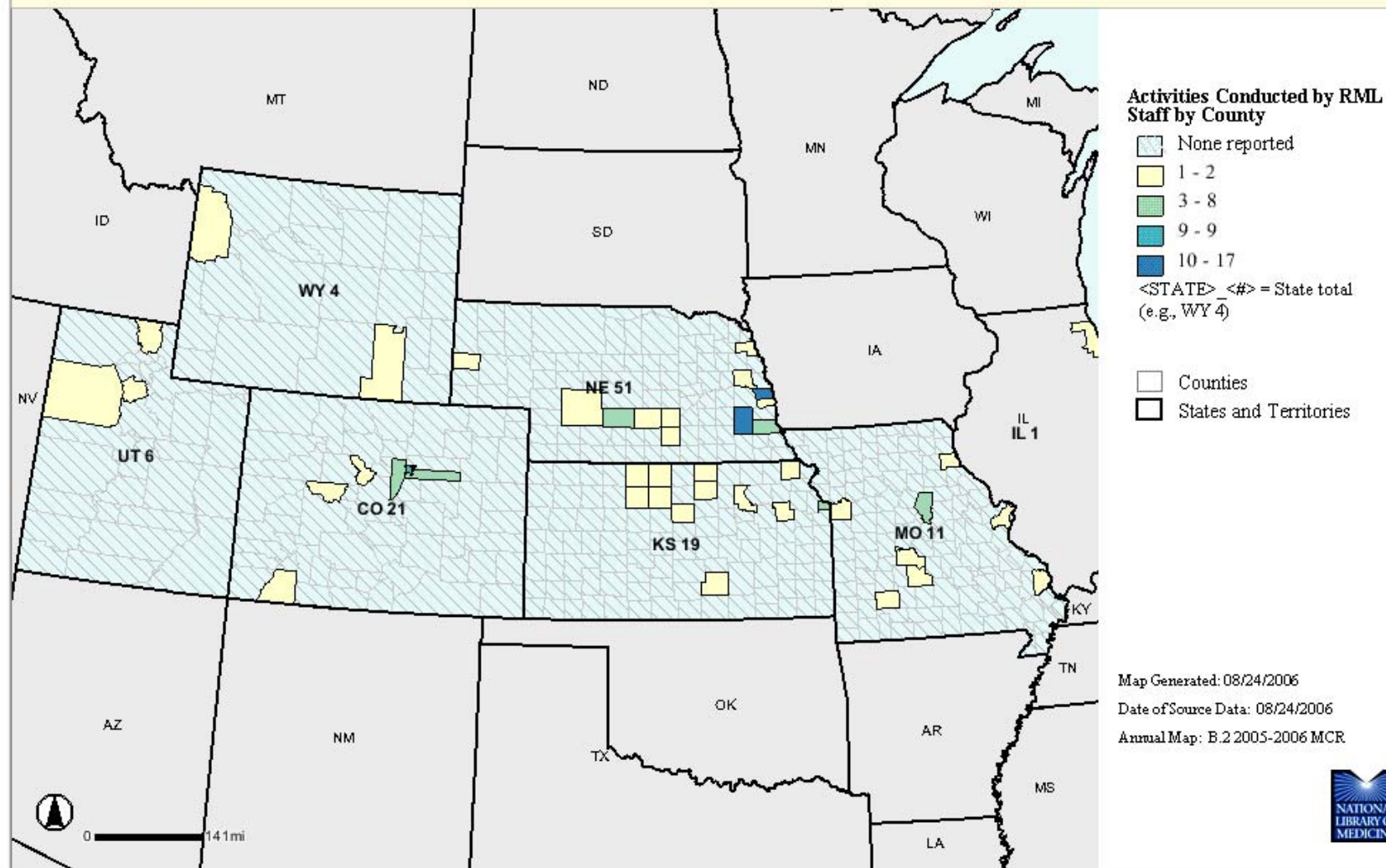
LDS Hospital, Utah

Deactivated Network Members:

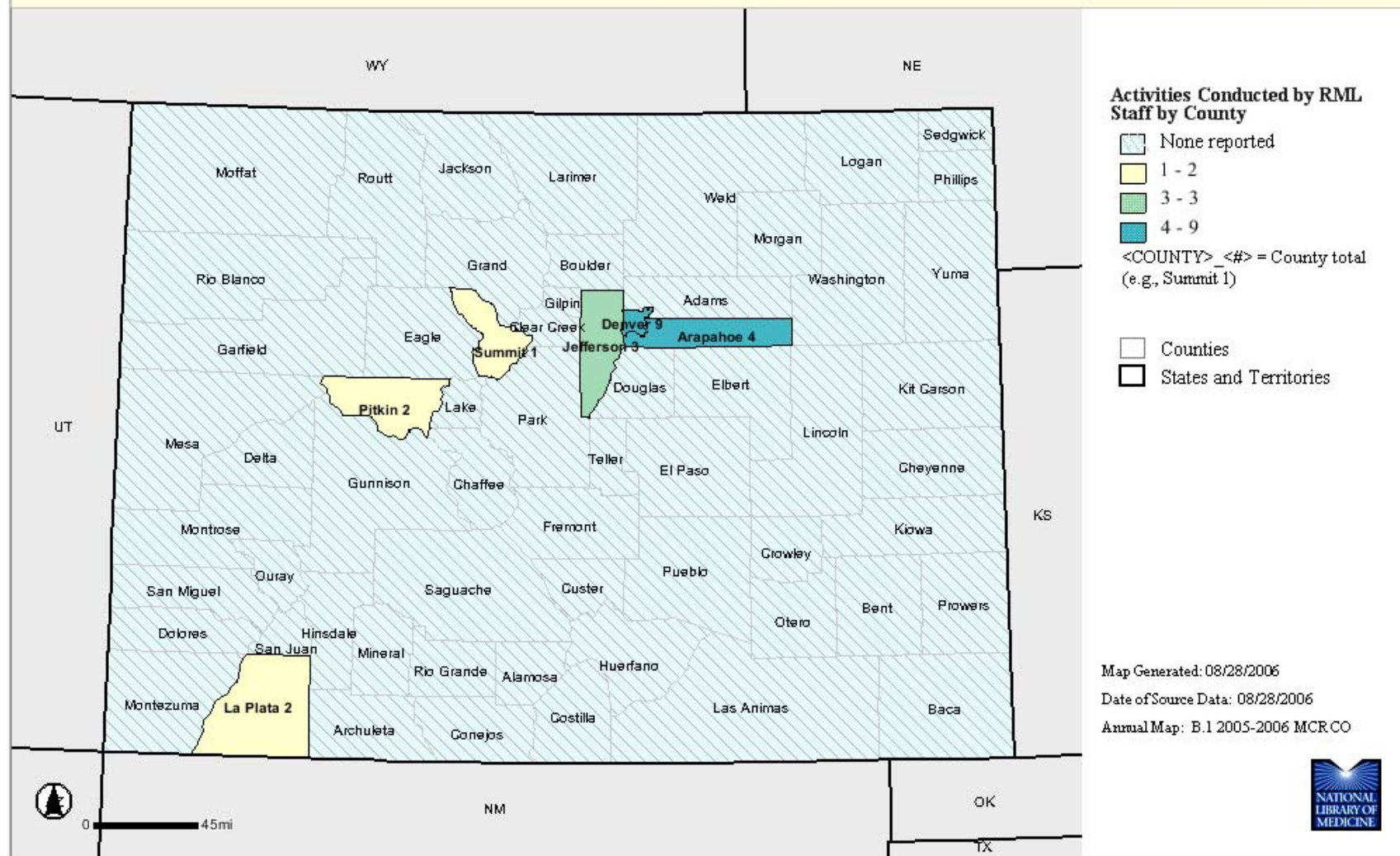
Baptist-Lutheran Medical Center, Missouri
Mercy Hospital, Missouri
University of Nebraska - Lincoln Dental School

Appendix G: Outreach Maps

Midcontinental Region
Outreach Activity Sessions Conducted by MCR RML Staff
May 1, 2005 - April 30, 2006
Total = 114



Colorado
Outreach Activity Sessions Conducted by MCR RML Staff
May 1, 2005 - April 30, 2006
Total = 21

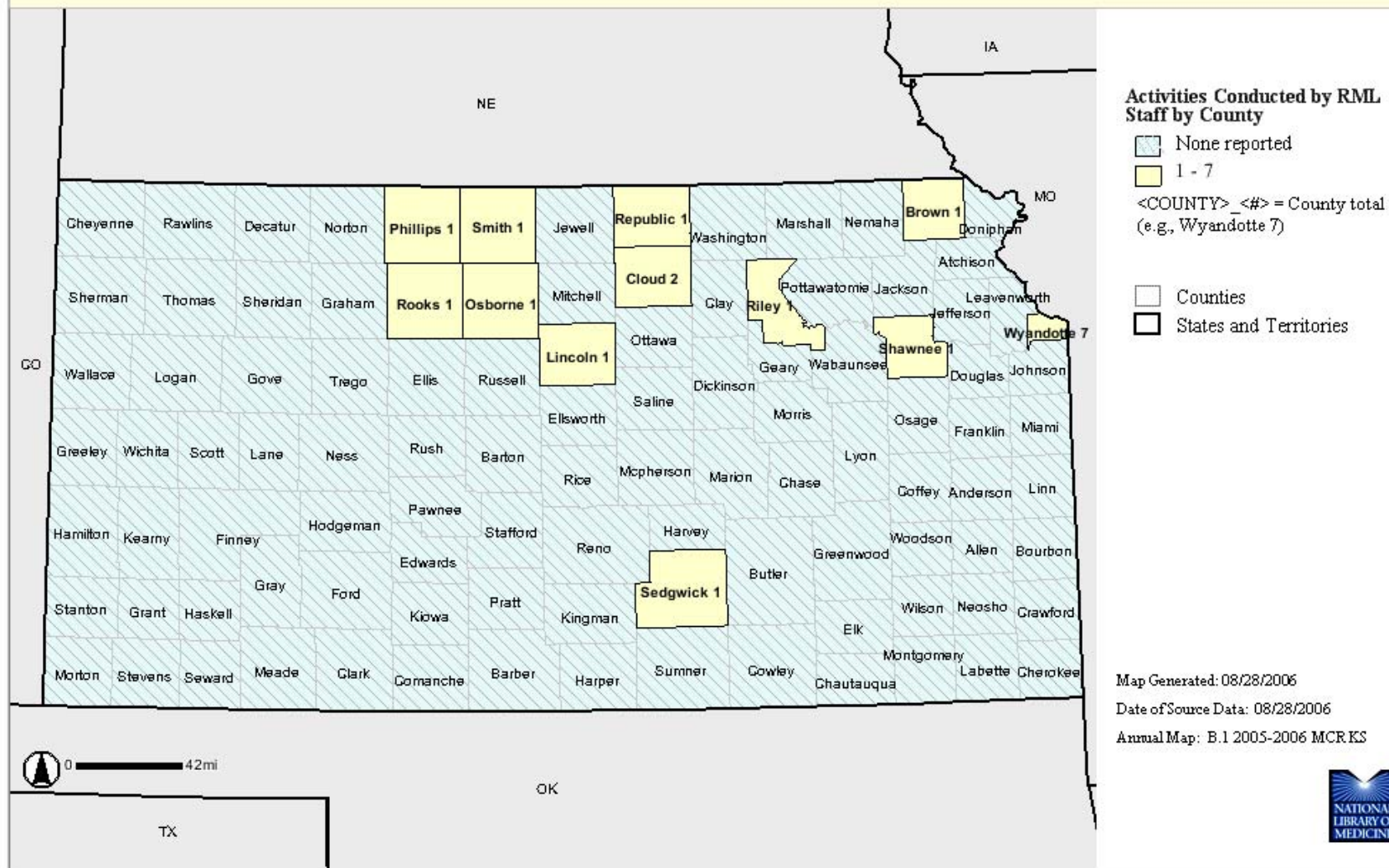


Kansas

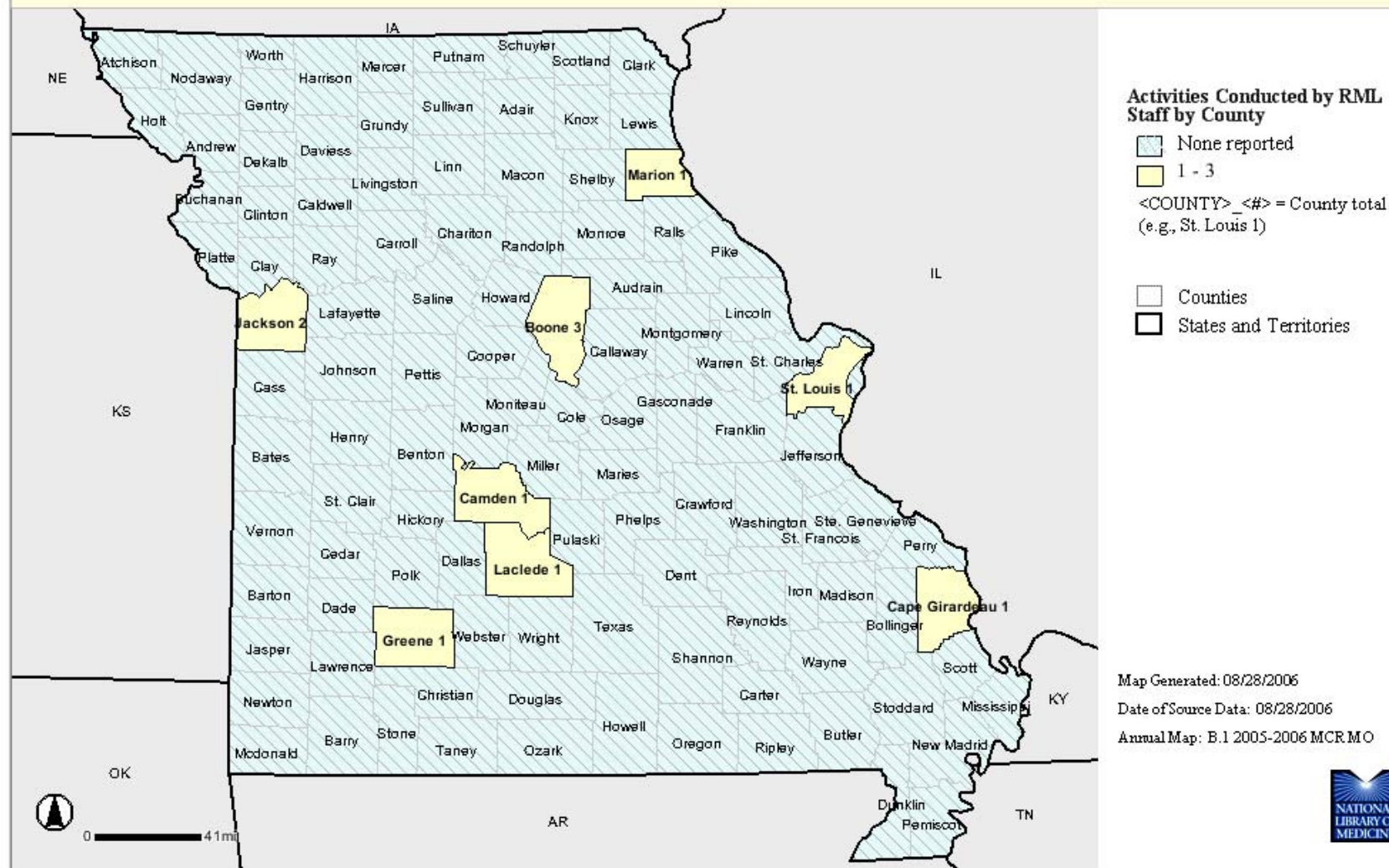
Outreach Activity Sessions Conducted by MCR RML Staff

May 1, 2005 - April 30, 2006

Total = 19



Missouri
Outreach Activity Sessions Conducted by MCR RML Staff
May 1, 2005 - April 30, 2006
Total = 11

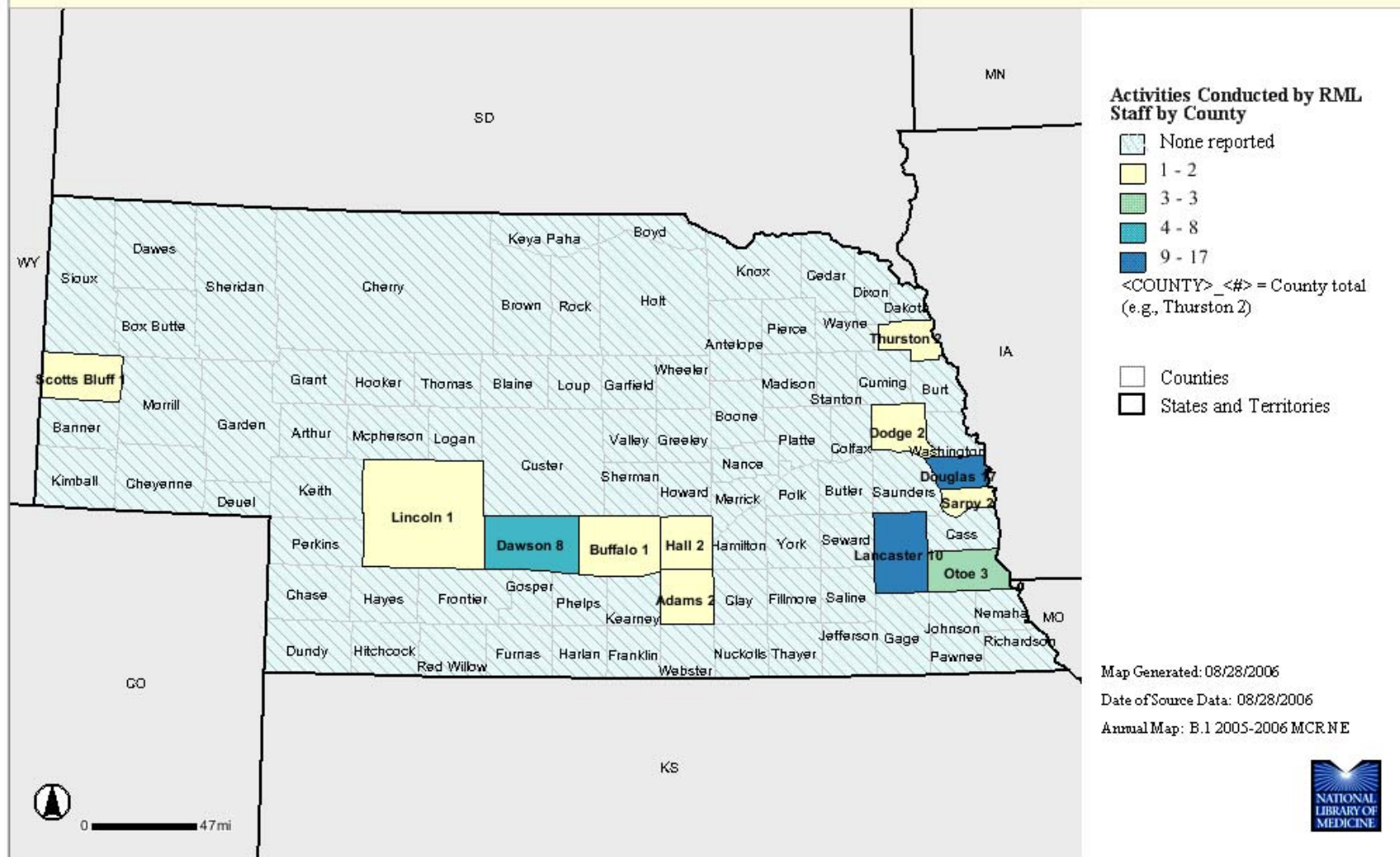


Nebraska

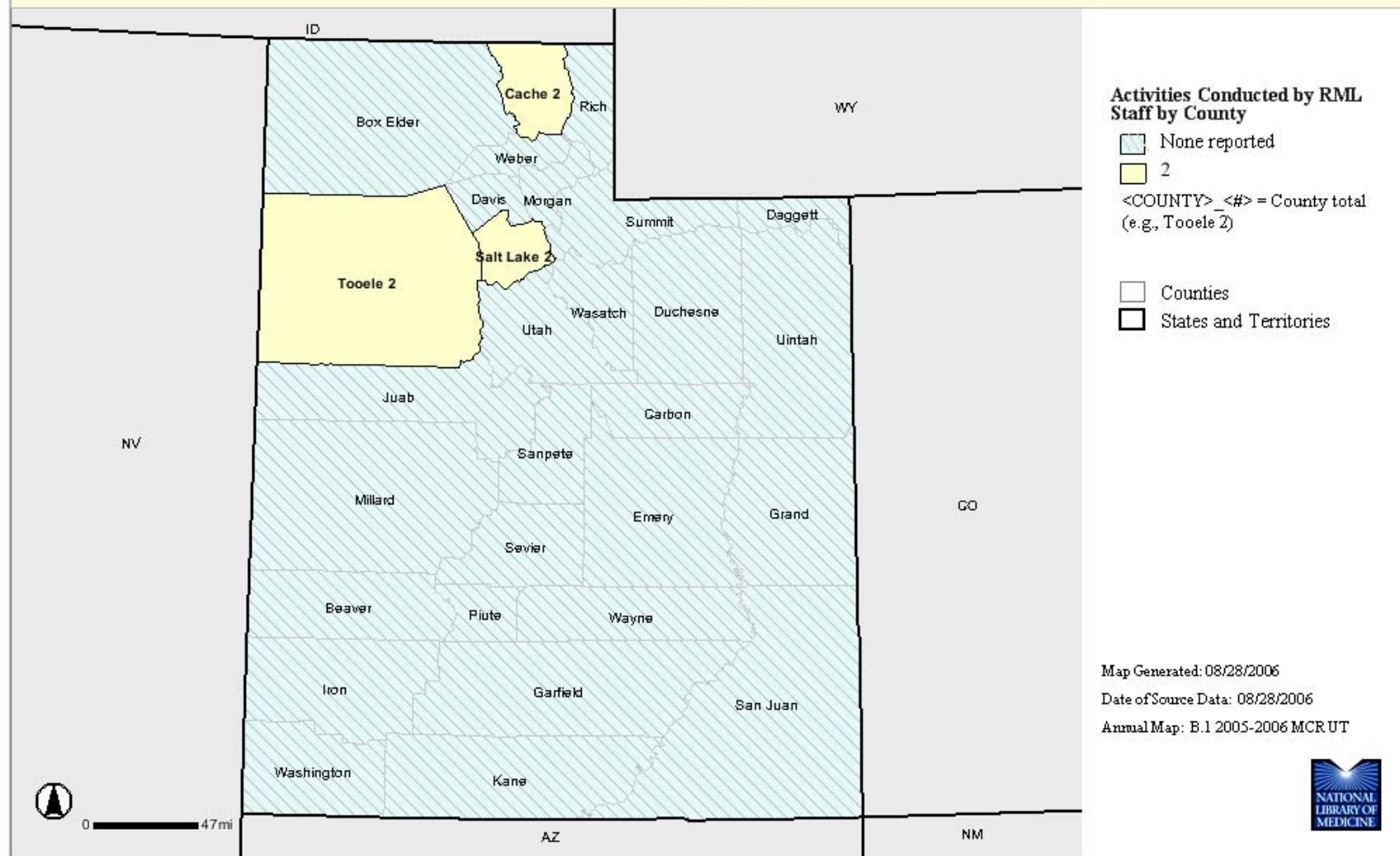
Outreach Activity Sessions Conducted by MCR RML Staff

May 1, 2005 - April 30, 2006

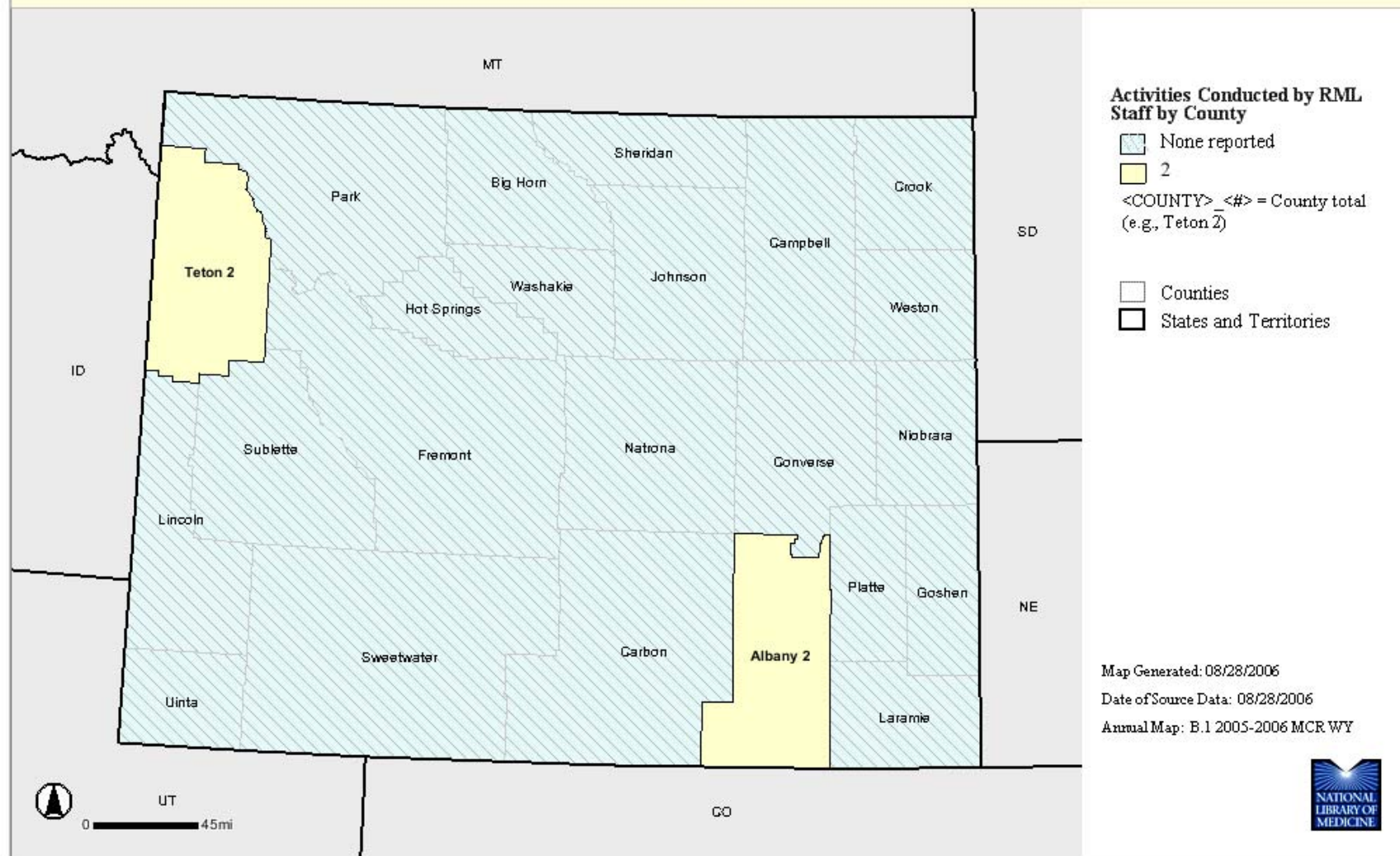
Total = 51



Utah
Outreach Activity Sessions Conducted by MCR RML Staff
May 1, 2005 - April 30, 2006
Total = 6



Wyoming
Outreach Activity Sessions Conducted by MCR RML Staff
May 1, 2005 - April 30, 2006
Total = 4

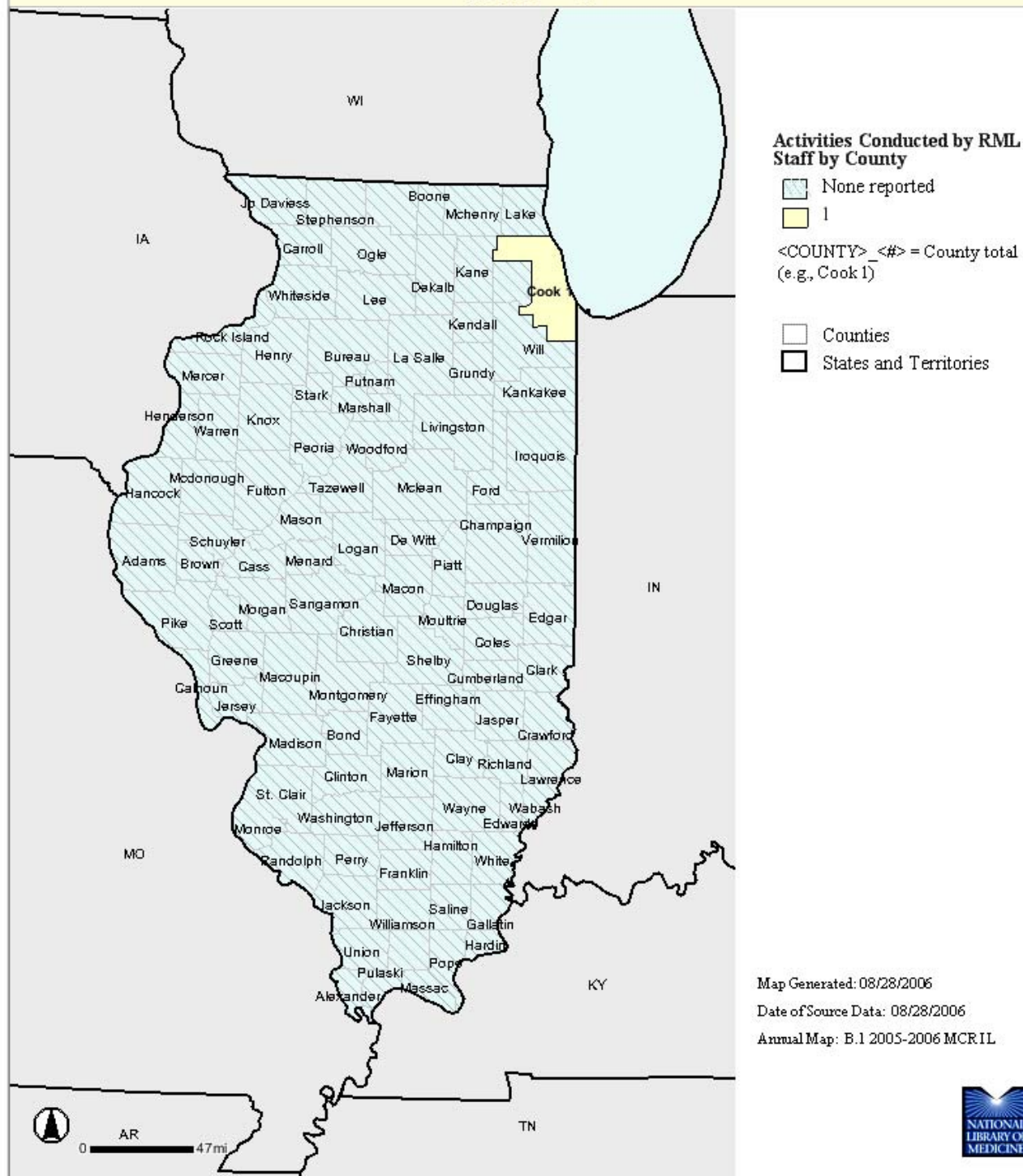


Illinois

Outreach Activity Sessions Conducted by MCR RML Staff

May 1, 2005 - April 30, 2006

Total = 1

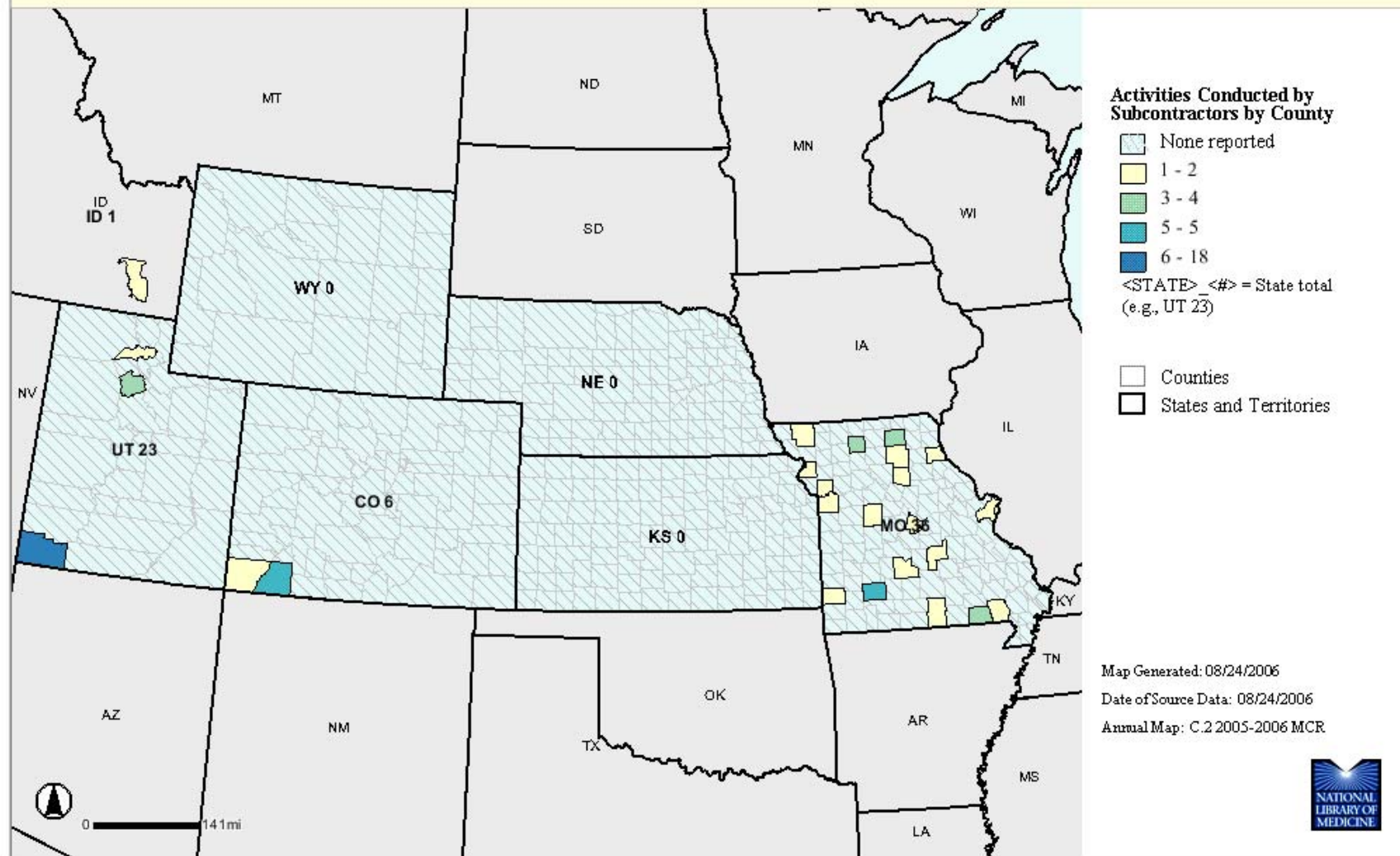


Ohio
Outreach Activity Sessions Conducted by MCR RML Staff
May 1, 2005 - April 30, 2006
Total = 1

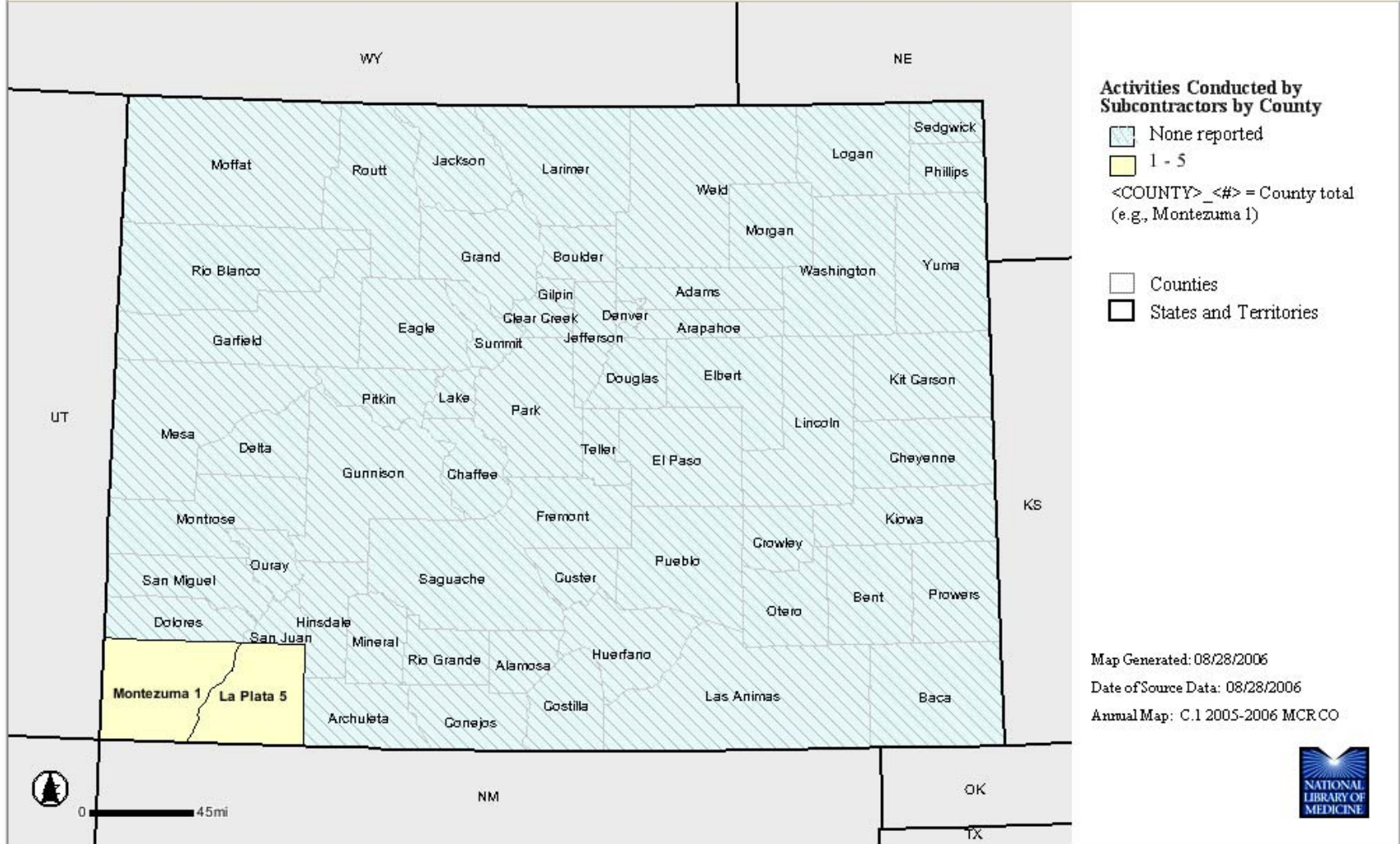


Appendix H:
Subcontractor Outreach Maps

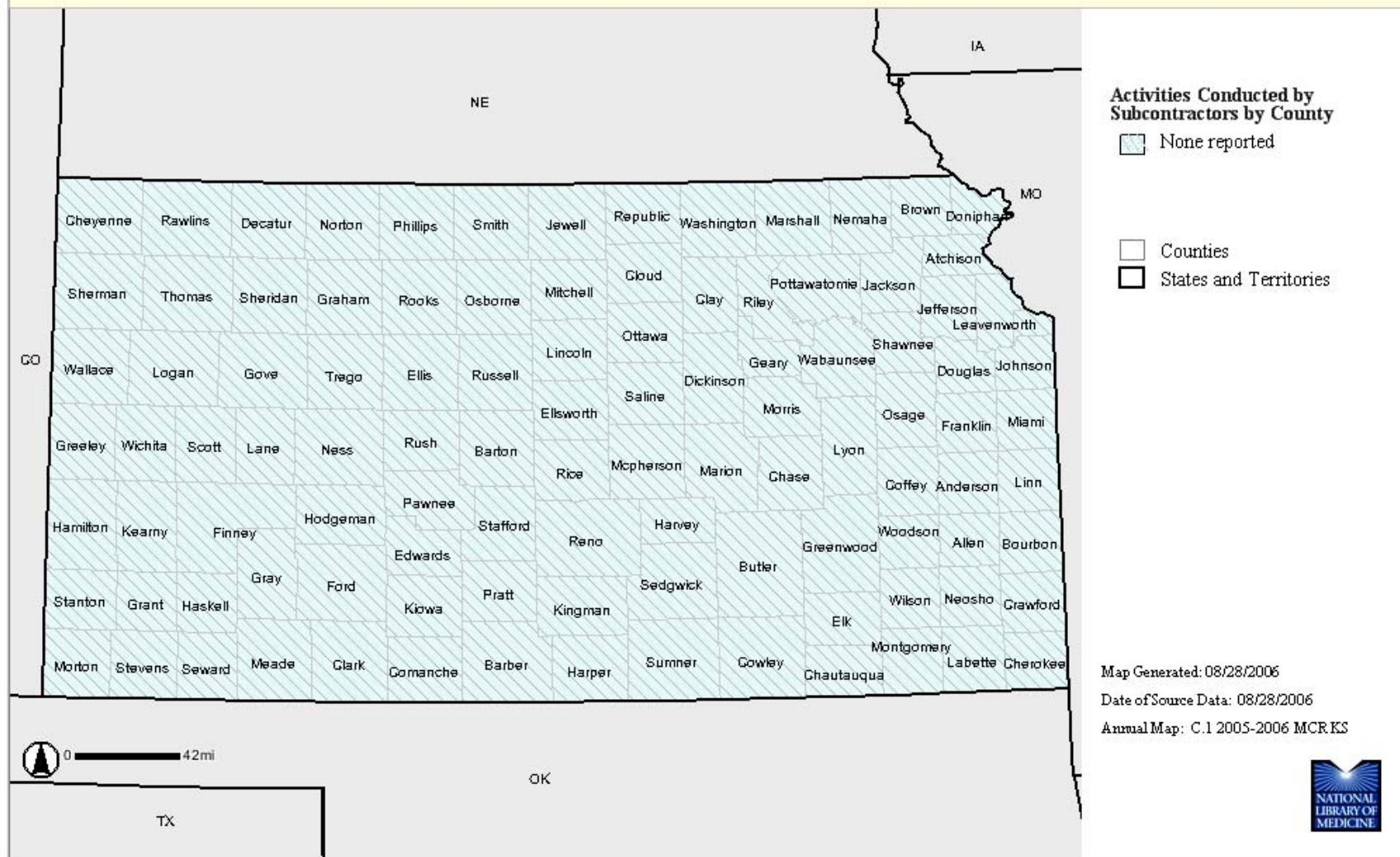
Midcontinental Region
Outreach Activity Sessions Conducted by MCR Subcontractors
May 1, 2005 - April 30, 2006
Total = 66



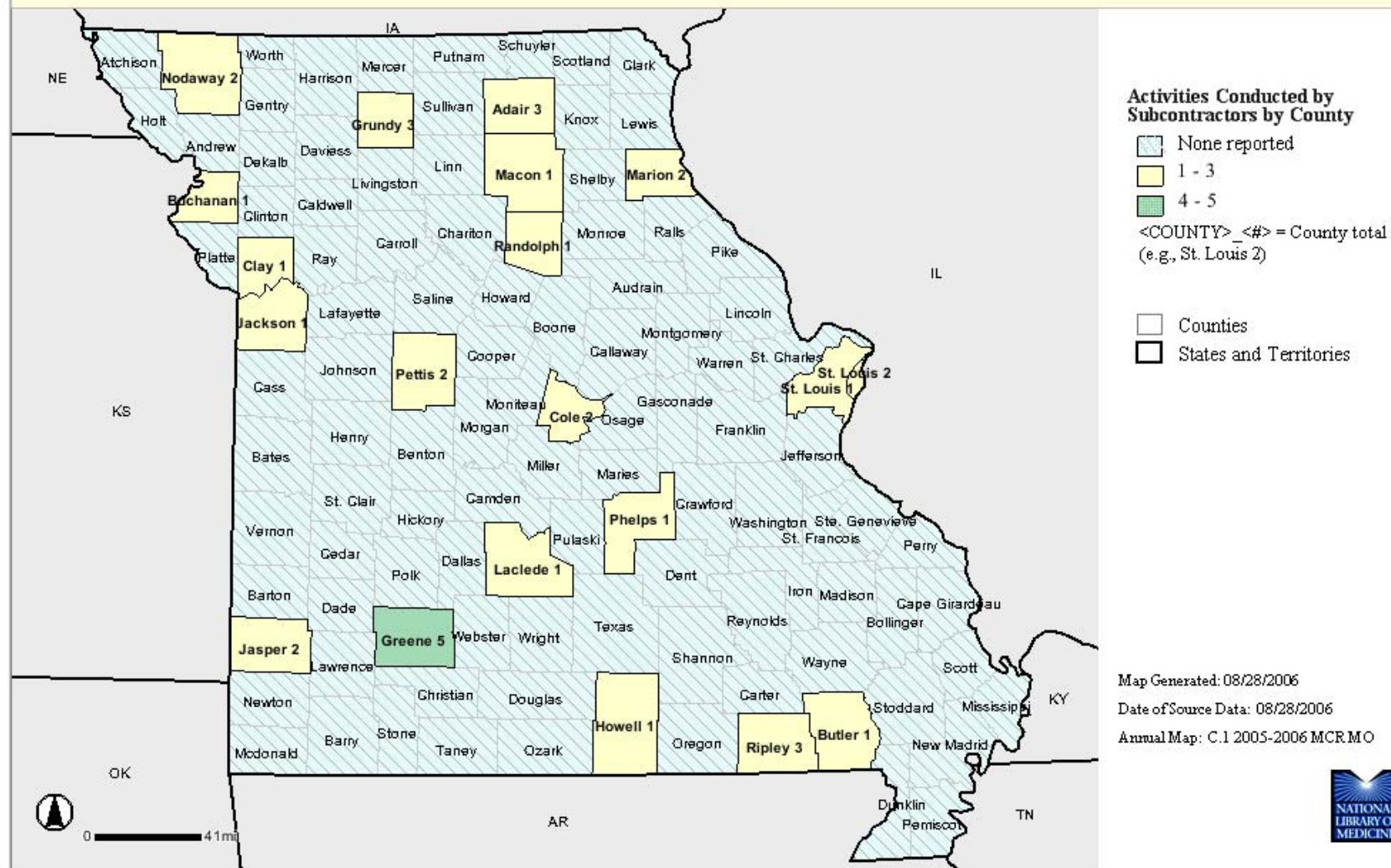
<p align="center">Colorado</p> <p align="center">Outreach Activity Sessions Conducted by MCR Subcontractors</p> <p align="center">May 1, 2005 - April 30, 2006</p> <p align="center">Total = 6</p>
--



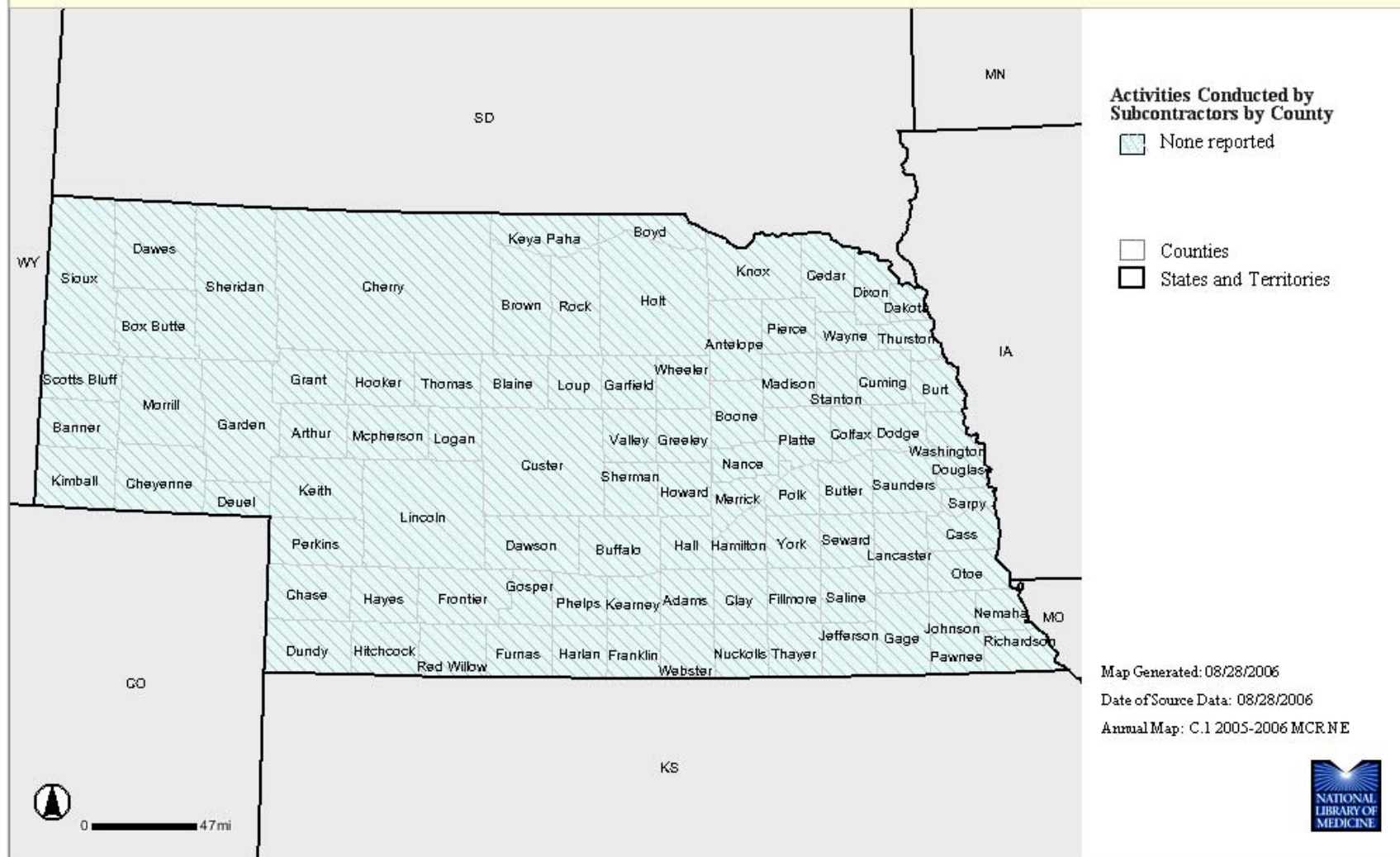
Kansas
Outreach Activity Sessions Conducted by MCR Subcontractors
May 1, 2005 - April 30, 2006
Total = 0



Missouri
Outreach Activity Sessions Conducted by MCR Subcontractors
May 1, 2005 - April 30, 2006
Total = 36



Nebraska
Outreach Activity Sessions Conducted by MCR Subcontractors
May 1, 2005 - April 30, 2006
Total = 0

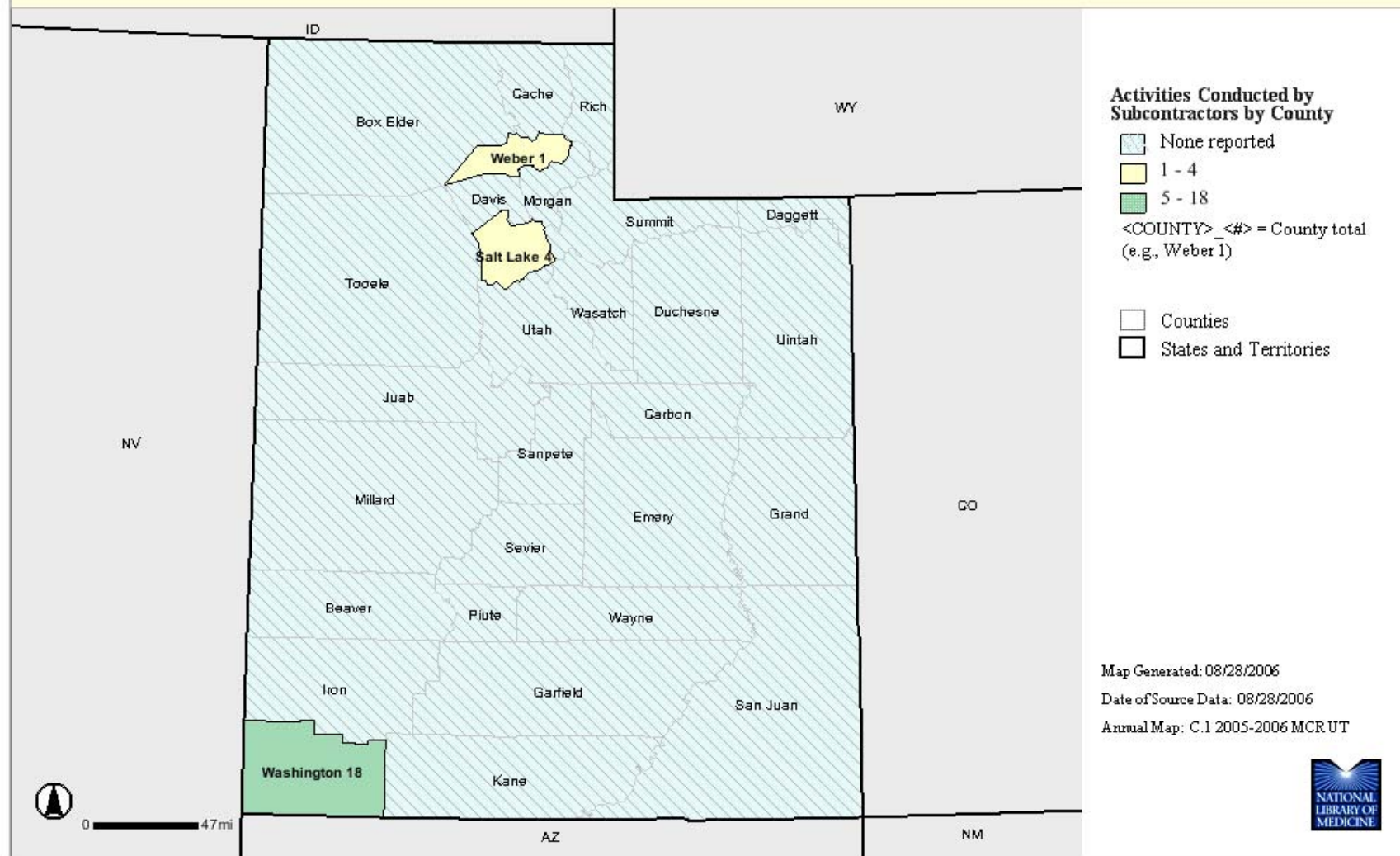


Utah

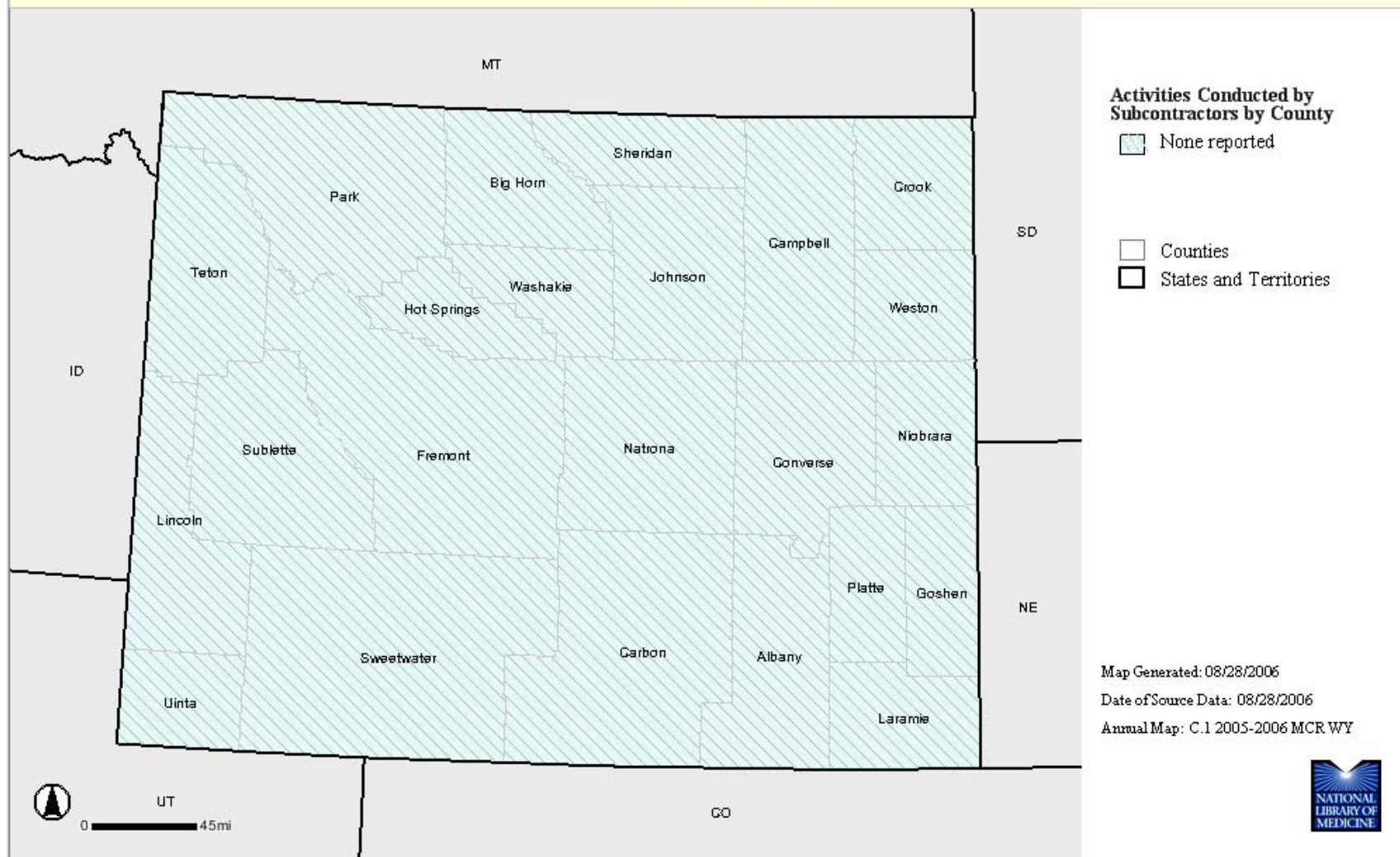
Outreach Activity Sessions Conducted by MCR Subcontractors

May 1, 2005 - April 30, 2006

Total = 23



Wyoming
Outreach Activity Sessions Conducted by MCR Subcontractors
May 1, 2005 - April 30, 2006
Total = 0

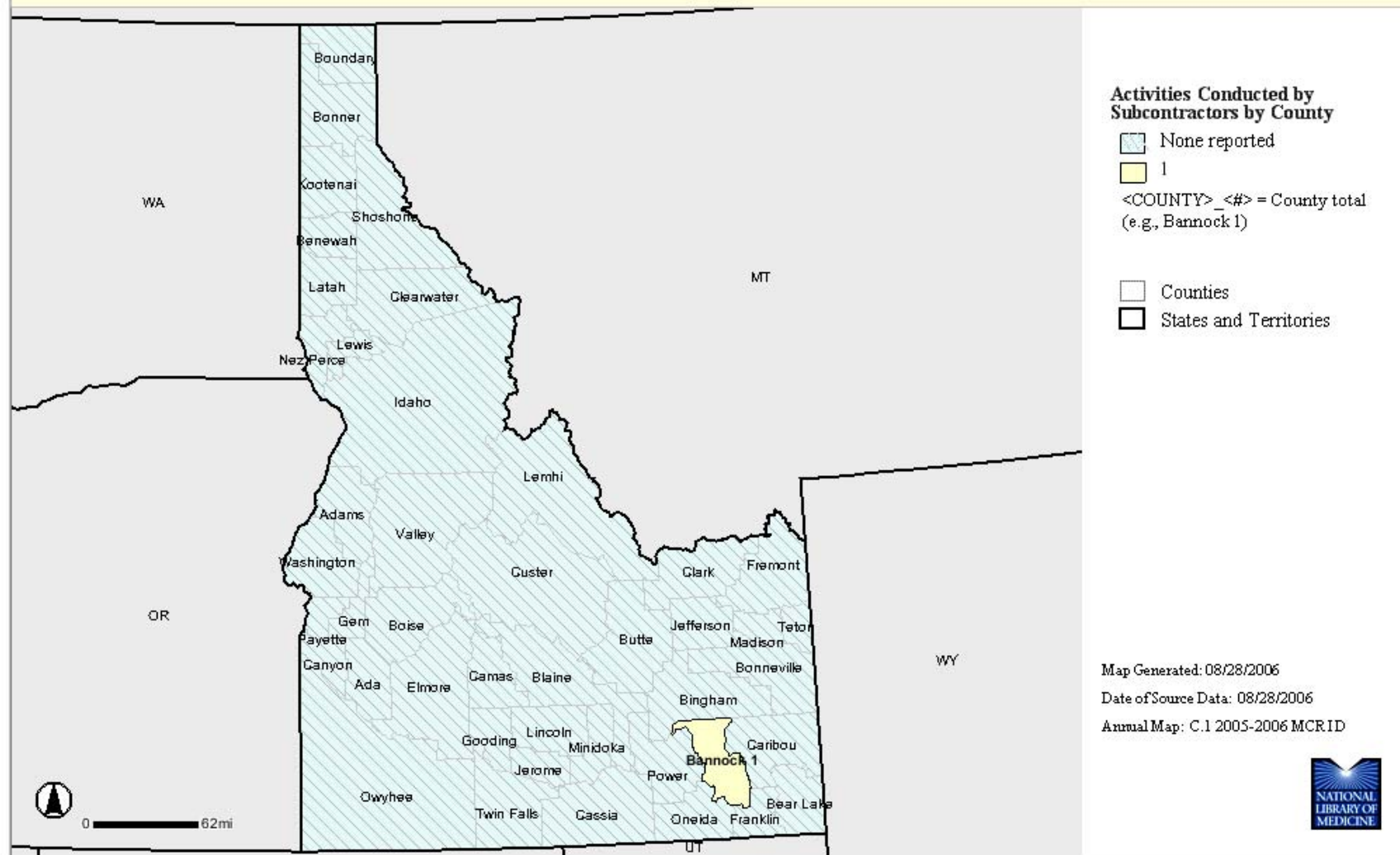


Idaho

Outreach Activity Sessions Conducted by MCR Subcontractors

May 1, 2005 - April 30, 2006

Total = 1



Appendix I:
Outreach Summary Reports

Outreach Activities Conducted by MCR RML Staff

RML Contract Year (May 1 - Apr 30) , 2005-2006

Generated: Thursday, July 13, 2006

114 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	1970 participants
Average number of participants:	17.28 per activity
Average length:	1.45 hours
Under 1 hour:	28 activities (24.56%)
Between 1 and 2 hours:	72 activities (63.16%)
Over 2 hours:	14 activities (12.28%)
Hands-on practice:	39 activities (34.21%)
Conducted remotely:	2 activities (1.75%)
Offering continuing education:	8 activities (7.02%)
Significant number of minorities:	16 activities (14.04%)

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

Health sciences library:	113 activities (99.12%)
Public library:	42 activities (36.84%)
Government agency:	14 activities (12.28%)
Hospital:	21 activities (18.42%)
Clinical/Health care:	3 activities (2.63%)
Academic Institution:	114 activities (100.00%)
Community-Based:	12 activities (10.53%)
Faith-Based:	1 activity (0.88%)
Public Health Agency:	24 activities (21.05%)
Other:	16 activities (14.04%)

Session Content

PubMed:	60 activities (52.63%)
MedlinePlus:	98 activities (85.96%)
ClinicalTrials.gov:	26 activities (22.81%)
NCBI:	5 activities (4.39%)
NLM Gateway:	6 activities (5.26%)
TOXNET:	9 activities (7.89%)
Other technology content:	31 activities (27.19%)
Other, non-technology content:	23 activities (20.18%)

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

African American:	6 activities (5.26%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	2 activities (1.75%)
Hispanic:	9 activities (7.89%)
Native American:	4 activities (3.51%)

993 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:	64.0%
Health care or service providers:	415 participants (41.79%)
Health science library staff members:	37 participants (3.73%)
Public Health worker:	110 participants (11.08%)
Public/Other library staff members:	254 participants (25.58%)
Members of general public:	214 participants (21.55%)



Outreach Activities Conducted by MCR Subcontractors

RML Contract Year (May 1 - Apr 30) , 2005-2006

Generated: Friday, September 01, 2006

66 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	564 participants
Average number of participants:	8.55 per activity
Average length:	0.82 hours
Under 1 hour:	46 activities (69.70%)
Between 1 and 2 hours:	15 activities (22.73%)
Over 2 hours:	5 activities (7.58%)
Hands-on practice:	28 activities (42.42%)
Conducted remotely:	1 activity (1.52%)
Offering continuing education:	0 activities
Significant number of minorities:	5 activities (7.58%)

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

Health sciences library:	54 activities (81.82%)
Public library:	10 activities (15.15%)
Government agency:	9 activities (13.64%)
Hospital:	28 activities (42.42%)
Clinical/Health care:	2 activities (3.03%)
Academic Institution:	48 activities (72.73%)
Community-Based:	13 activities (19.70%)
Faith-Based:	3 activities (4.55%)
Public Health Agency:	2 activities (3.03%)
Other:	0 activities

Session Content

PubMed:	18 activities (27.27%)
MedlinePlus:	64 activities (96.97%)
ClinicalTrials.gov:	4 activities (6.06%)
NCBI:	9 activities (13.64%)
NLM Gateway:	3 activities (4.55%)
TOXNET:	0 activities (0.00%)
Other technology content:	16 activities (24.24%)
Other, non-technology content:	45 activities (68.18%)

Significant Minority Population Present

(≥50% of participants)

African American:	0 activities (0.00%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	1 activity (1.52%)
Hispanic:	4 activities (6.06%)
Native American:	2 activities (3.03%)

78 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:	6.1%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	56 participants (71.79%)
Public/Other library staff members:	22 participants (28.21%)
Members of general public:	0 participants



Outreach Activities Report Consumer Health Education Outreach with an Emphasis on Native American Outreach - Project

RML Contract Year (May 1 - Apr 30) , 2005-2006

Generated: Thursday, July 13, 2006

6 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	95 participants
Average number of participants:	15.83 per activity
Average length:	1.17 hours
Under 1 hour:	0 activities
Between 1 and 2 hours:	6 activities (100.00%)
Over 2 hours:	0 activities
Hands-on practice:	2 activities (33.33%)
Conducted remotely:	0 activities
Offering continuing education:	0 activities
Significant number of minorities:	2 activities (33.33%)

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

Health sciences library:	0 activities
Public library:	3 activities (50.00%)
Government agency:	1 activity (16.67%)
Hospital:	0 activities
Clinical/Health care:	0 activities
Academic Institution:	6 activities (100.00%)
Community-Based:	1 activity (16.67%)
Faith-Based:	0 activities
Public Health Agency:	2 activities (33.33%)
Other:	0 activities

Session Content

PubMed:	0 activities (0.00%)
MedlinePlus:	6 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:	0 activities (0.00%)
Other, non-technology content:	6 activities (100.00%)

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 (33.33%)
Native American:	2 activities (33.33%)

78 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:	66.7%
Health care or service providers:	0 participants
Health science library staff members:	0 participants
Public Health worker:	56 participants (71.79%)
Public/Other library staff members:	22 participants (28.21%)
Members of general public:	0 participants



Outreach Activities Report Information Resource Training for Nurse Interns - Project

RML Contract Year (May 1 - Apr 30) , 2005-2006

Generated: Thursday, July 13, 2006

18 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	421 participants
Average number of participants:	23.39 per activity
Average length:	1.04 hours
Under 1 hour:	12 activities (66.67%)
Between 1 and 2 hours:	3 activities (16.67%)
Over 2 hours:	3 activities (16.67%)
Hands-on practice:	2 activities (11.11%)
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:	0 activities
Government agency:	0 activities
Hospital:	17 activities (94.44%)
Clinical/Health care:	2 activities (11.11%)
Academic Institution:	5 activities (27.78%)
Community-Based:	0 activities
Faith-Based:	0 activities
Public Health Agency:	0 activities
Other:	0 activities

Session Content

PubMed:	18 activities (100.00%)
MedlinePlus:	17 activities (94.44%)
ClinicalTrials.gov:	3 activities (16.67%)
NCBI:	9 activities (50.00%)
NLM Gateway:	3 activities (16.67%)
TOXNET:	0 activities (0.00%)
Other technology content:	10 activities (55.56%)
Other, non-technology content:	2 activities (11.11%)

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:	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 Go Local Missouri - Project

RML Contract Year (May 1 - Apr 30) , 2005-2006

Generated: Monday, August 28, 2006

36 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	39 participants	
Average number of participants:	1.08 per activity	
Average length:	0.64 hours	
Under 1 hour:	31 activities	(86.11%)
Between 1 and 2 hours:	3 activities	(8.33%)
Over 2 hours:	2 activities	(5.56%)
Hands-on practice:	20 activities	(55.56%)
Conducted remotely:	0 activities	
Offering continuing education:	0 activities	
Significant number of minorities:	1 activity	(2.78%)

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

Health sciences library:	36 activities	(100.00%)
Public library:	7 activities	(19.44%)
Government agency:	8 activities	(22.22%)
Hospital:	11 activities	(30.56%)
Clinical/Health care:	0 activities	
Academic Institution:	36 activities	(100.00%)
Community-Based:	6 activities	(16.67%)
Faith-Based:	0 activities	
Public Health Agency:	0 activities	
Other:	0 activities	

Session Content

PubMed:	0 activities	(0.00%)
MedlinePlus:	36 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:	0 activities	(0.00%)
Other, non-technology content:	36 activities	(100.00%)

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:	1 activity	(2.78%)
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 Resource Library Health Outreach Kiosks - Project

RML Contract Year (May 1 - Apr 30) , 2005-2006

Generated: Thursday, July 13, 2006

6 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	9 participants
Average number of participants:	1.50 per activity
Average length:	0.92 hours
Under 1 hour:	3 activities (50.00%)
Between 1 and 2 hours:	3 activities (50.00%)
Over 2 hours:	0 activities
Hands-on practice:	4 activities (66.67%)
Conducted remotely:	1 activity (16.67%)
Offering continuing education:	0 activities
Significant number of minorities:	2 activities (33.33%)

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

Health sciences library:	0 activities
Public library:	0 activities
Government agency:	0 activities
Hospital:	0 activities
Clinical/Health care:	0 activities
Academic Institution:	1 activity (16.67%)
Community-Based:	6 activities (100.00%)
Faith-Based:	3 activities (50.00%)
Public Health Agency:	0 activities
Other:	0 activities

Session Content

PubMed:	0 activities (0.00%)
MedlinePlus:	5 activities (83.33%)
ClinicalTrials.gov:	1 activity (16.67%)
NCBI:	0 activities (0.00%)
NLM Gateway:	0 activities (0.00%)
TOXNET:	0 activities (0.00%)
Other technology content:	6 activities (100.00%)
Other, non-technology content:	1 activity (16.67%)

Significant Minority Population Present (≥50% of participants)

African American:	0 activities (0.00%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	1 activity (16.67%)
Hispanic:	1 activity (16.67%)
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 J:
5 Year Outreach Summary Reports

Outreach Activities Conducted by MCR RML Staff

RML Five Year Contract (2001-2006, 2006-2011) , 2001-2006

Generated: Monday, August 28, 2006

639 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	8539 participants
Average number of participants:	13.36 per activity
Average length:	1.48 hours
Under 1 hour:	147 activities (23.00%)
Between 1 and 2 hours:	421 activities (65.88%)
Over 2 hours:	71 activities (11.11%)
Hands-on practice:	193 activities (30.20%)
Conducted remotely:	6 activities (0.94%)
Offering continuing education:	47 activities (7.36%)
Significant number of minorities:	57 activities (8.92%)

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

Health sciences library:	543 activities (84.98%)
Public library:	176 activities (27.54%)
Government agency:	73 activities (11.42%)
Hospital:	157 activities (24.57%)
Clinical/Health care:	85 activities (13.30%)
Academic Institution:	558 activities (87.32%)
Community-Based:	75 activities (11.74%)
Faith-Based:	13 activities (2.03%)
Public Health Agency:	83 activities (12.99%)
Other:	66 activities (10.33%)

Session Content

PubMed:	334 activities (52.27%)
MedlinePlus:	487 activities (76.21%)
ClinicalTrials.gov:	168 activities (26.29%)
NCBI:	12 activities (1.88%)
NLM Gateway:	33 activities (5.16%)
TOXNET:	47 activities (7.36%)
Other technology content:	196 activities (30.67%)
Other, non-technology content:	152 activities (23.79%)

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

African American:	26 activities (4.07%)
Alaska Native:	0 activities (0.00%)
Asian and Pacific Islander:	3 activities (0.47%)
Hispanic:	21 activities (3.29%)
Native American:	13 activities (2.03%)

2623 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:	31.9%
Health care or service providers:	861 participants (32.83%)
Health science library staff members:	188 participants (7.17%)
Public Health worker:	133 participants (5.07%)
Public/Other library staff members:	956 participants (36.45%)
Members of general public:	548 participants (20.89%)



Outreach Activities Conducted by Subcontractors

RML Five Year Contract (2001-2006, 2006-2011) , 2001-2006

Generated: Monday, August 28, 2006

6752 Total Outreach Activities

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

Activities Summary

Total number of estimated participants:	97866 participants
Average number of participants:	14.49 per activity
Average length:	1.79 hours
Under 1 hour:	863 activities (12.78%)
Between 1 and 2 hours:	4763 activities (70.54%)
Over 2 hours:	1123 activities (16.63%)
Hands-on practice:	4305 activities (63.76%)
Conducted remotely:	105 activities (1.56%)
Offering continuing education:	478 activities (7.08%)
Significant number of minorities:	2672 activities (39.57%)

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

Health sciences library:	3964 activities (58.71%)
Public library:	1495 activities (22.14%)
Government agency:	769 activities (11.39%)
Hospital:	1244 activities (18.42%)
Clinical/Health care:	2221 activities (32.89%)
Academic Institution:	4467 activities (66.16%)
Community-Based:	2684 activities (39.75%)
Faith-Based:	388 activities (5.75%)
Public Health Agency:	1308 activities (19.37%)
Other:	509 activities (7.54%)

Session Content

PubMed:	2125 activities (31.47%)
MedlinePlus:	4497 activities (66.60%)
ClinicalTrials.gov:	1180 activities (17.48%)
NCBI:	98 activities (1.45%)
NLM Gateway:	345 activities (5.11%)
TOXNET:	385 activities (5.70%)
Other technology content:	3478 activities (51.51%)
Other, non-technology content:	2172 activities (32.17%)

Significant Minority Population Present

(≥50% of participants)

African American:	1384 activities (20.50%)
Alaska Native:	1 activity (0.01%)
Asian and Pacific Islander:	290 activities (4.30%)
Hispanic:	1105 activities (16.37%)
Native American:	87 activities (1.29%)

18431 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:	33.4%
Health care or service providers:	7232 participants (39.24%)
Health science library staff members:	564 participants (3.06%)
Public Health worker:	2507 participants (13.60%)
Public/Other library staff members:	2205 participants (11.96%)
Members of general public:	6853 participants (37.18%)



Appendix K:

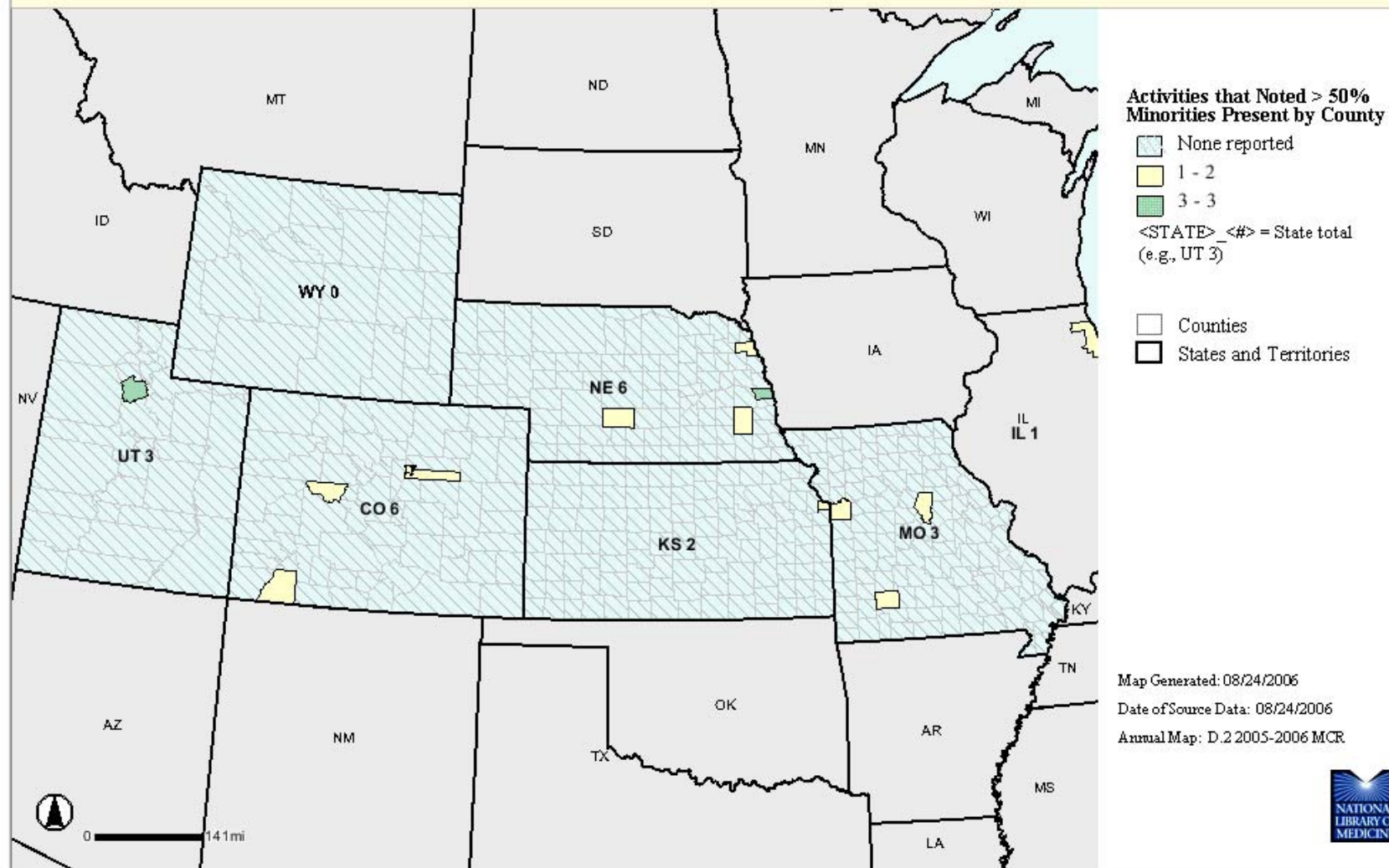
Visits to Public Libraries

Public Library Site Visits:

May 3, 2005	Mid-Continent Public Library System, Missouri
June 23, 2005	Argentine Branch-Kansas City Public Library, Kansas
July 12, 2005	Cozad Public Library, Nebraska
July 12, 2005	Gothenburg Public Library, Nebraska
July 12, 2005	Lexington Public Library, Nebraska
July 20, 2005	Morton-James Public Library, Nebraska
July 25, 2005	Pitkin County Library, Colorado
August 16, 2005	Booneslick Regional Library, Missouri
November 17, 2005	St. Charles City and County Library, Missouri
November 30, 2005	Jefferson County Public Library, Colorado
December 7, 2005	Aurora Public Library, Colorado
December 13, 2005	Durango Public Library, Colorado
December 14, 2005	Cortez Public Library, Colorado
February 10, 2006	Meridian and Republican Valley Library Systems, Nebraska
February 17, 2006	Denver Public Library, Colorado
February 21, 2006	Stockton Public Library, Kansas
February 21, 2006	Osborne County Public Library, Kansas
February 21, 2006	Lincoln County Public Library, Kansas
February 21, 2006	Smith Center Public Library, Kansas
February 21, 2006	Concordia Public Library, Kansas
February 21, 2006	Phillipsburg Public Library, Kansas
February 22, 2006	Belleville Public Library, Kansas
February 28, 2006	Ignacio Community Library, Colorado
March 1, 2006	Cortez Public Library, Colorado
March 1, 2006	Mancos Public Library, Colorado

Appendix L:
Minority Outreach Maps

Midcontinental Region
All MCR Outreach Activities that Noted Greater than
50% Minorities Present
May 1, 2005 - April 30, 2006
Total = 21



Total = 6

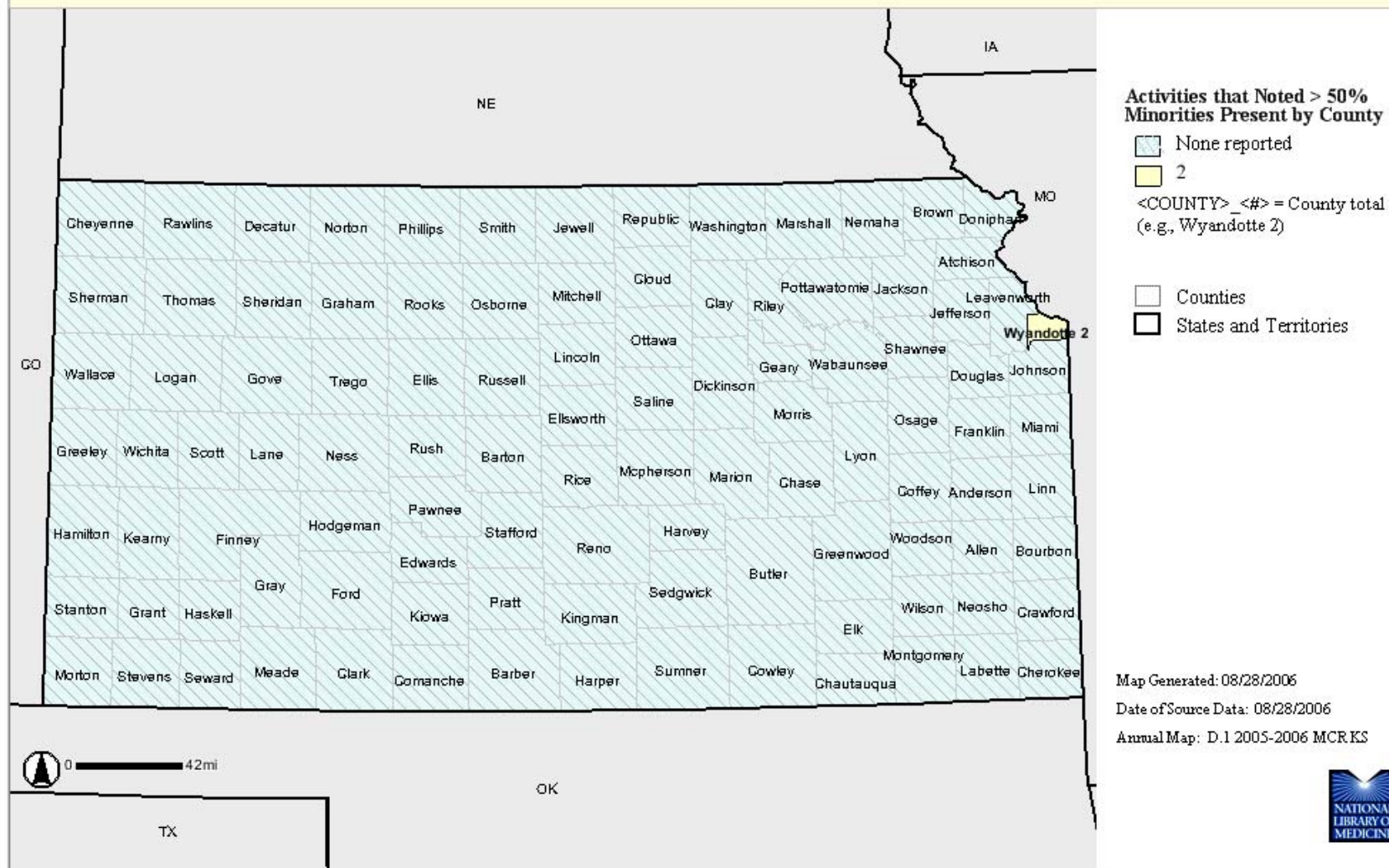


Kansas

All MCR Outreach Activities that Noted Greater than 50% Minorities Present

May 1, 2005 - April 30, 2006

Total = 2

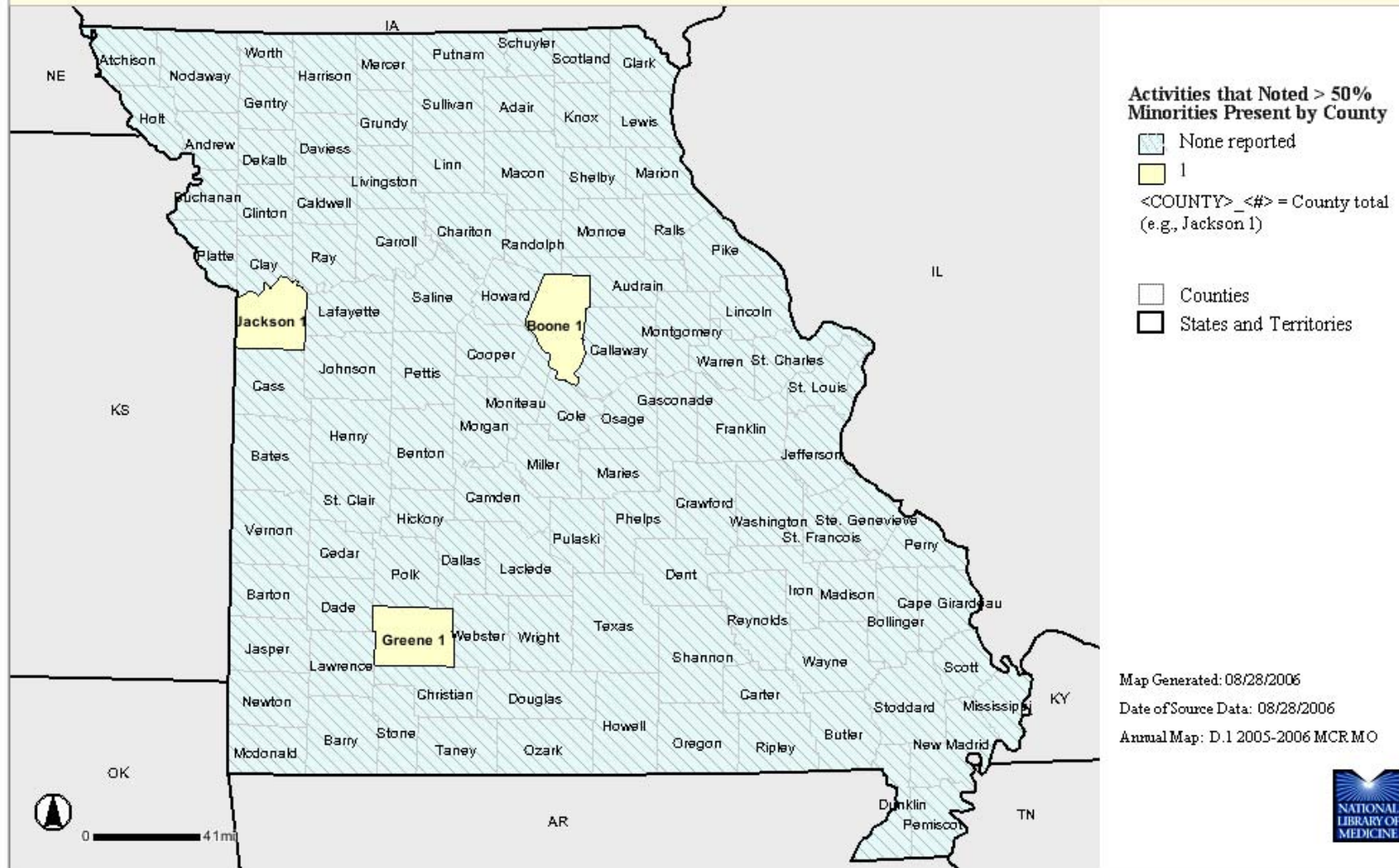


Missouri

All MCR Outreach Activities that Noted Greater than 50% Minorities Present

May 1, 2005 - April 30, 2006

Total = 3

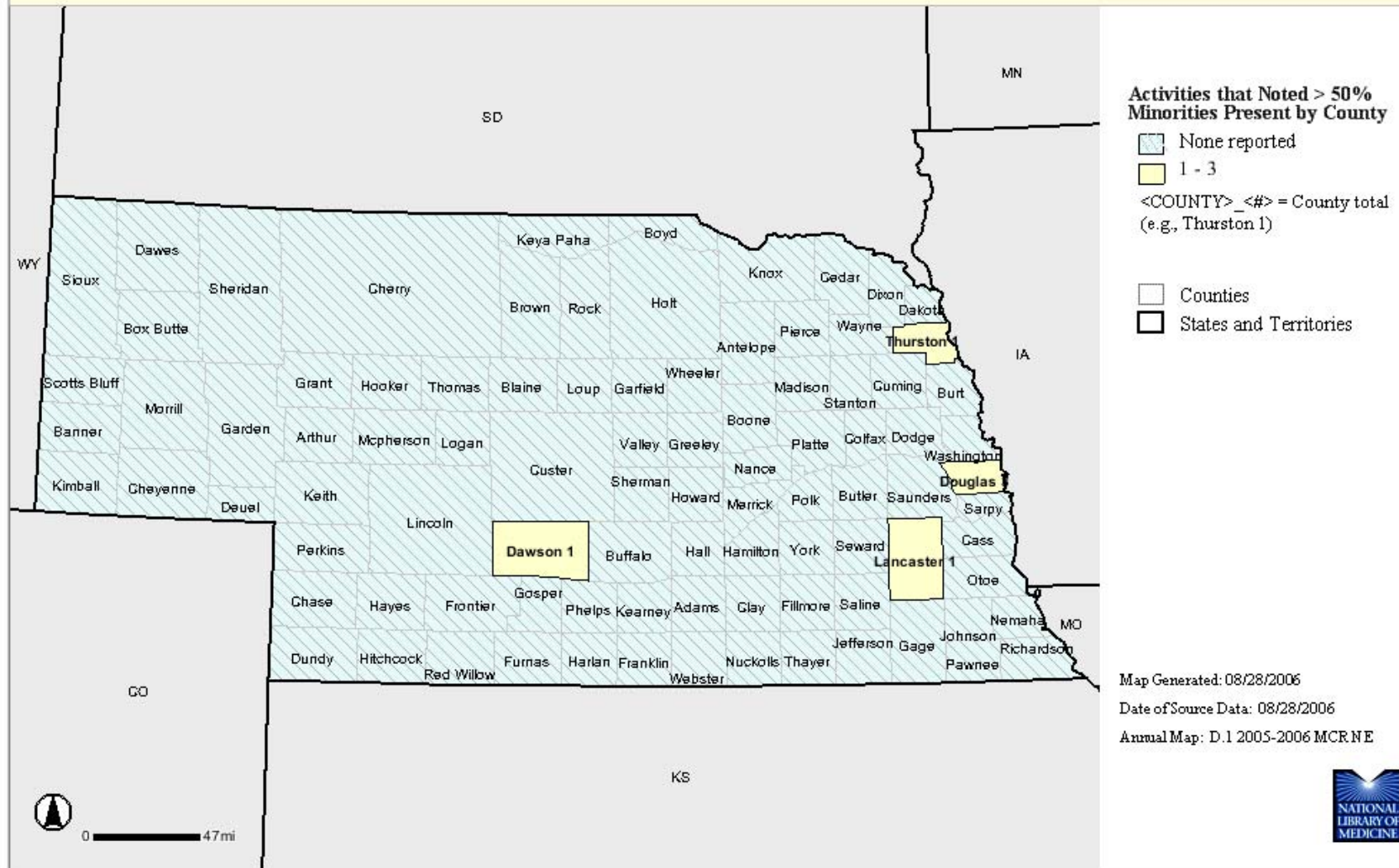


Nebraska

All MCR Outreach Activities that Noted Greater than 50% Minorities Present

May 1, 2005 - April 30, 2006

Total = 6

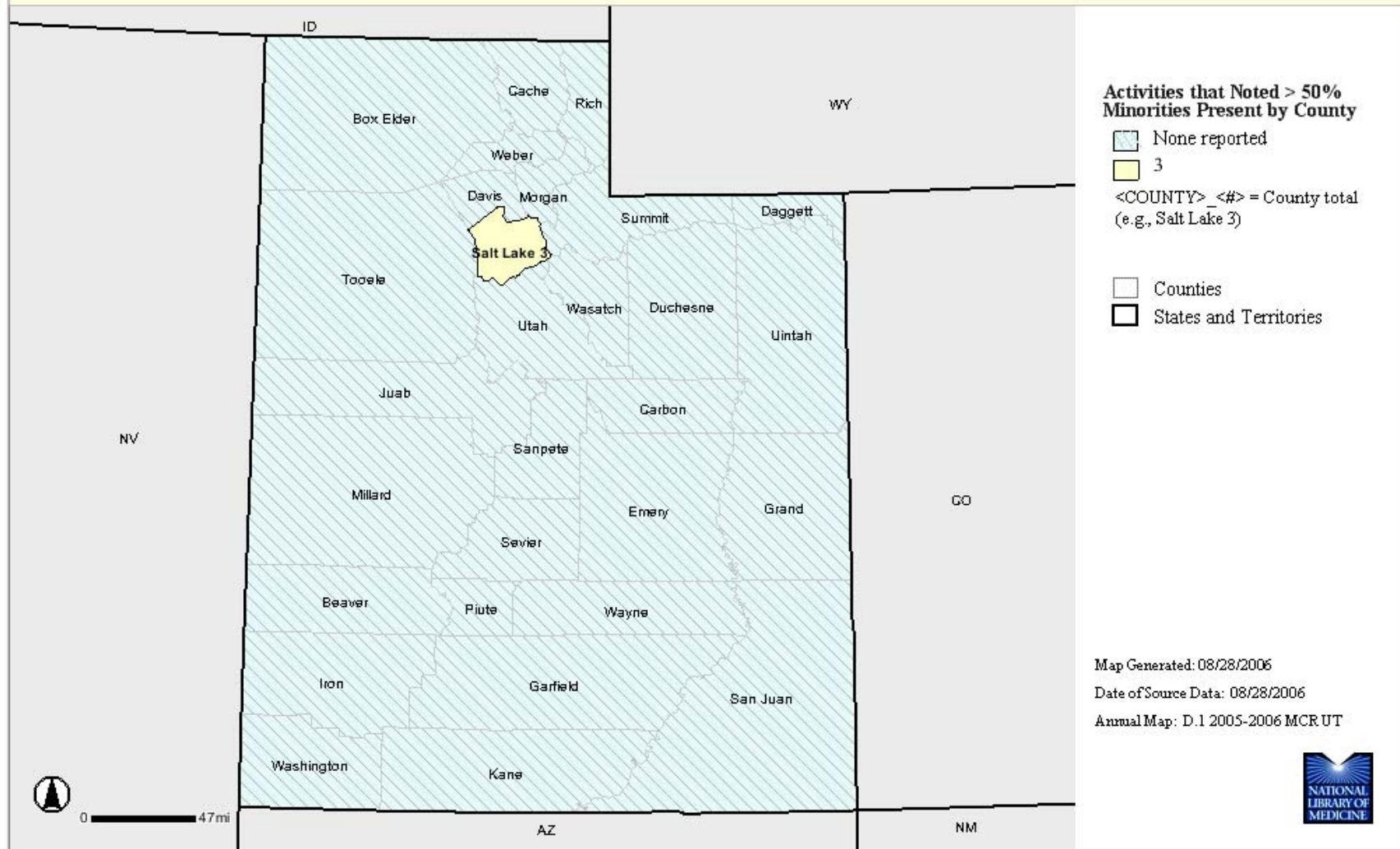


Utah

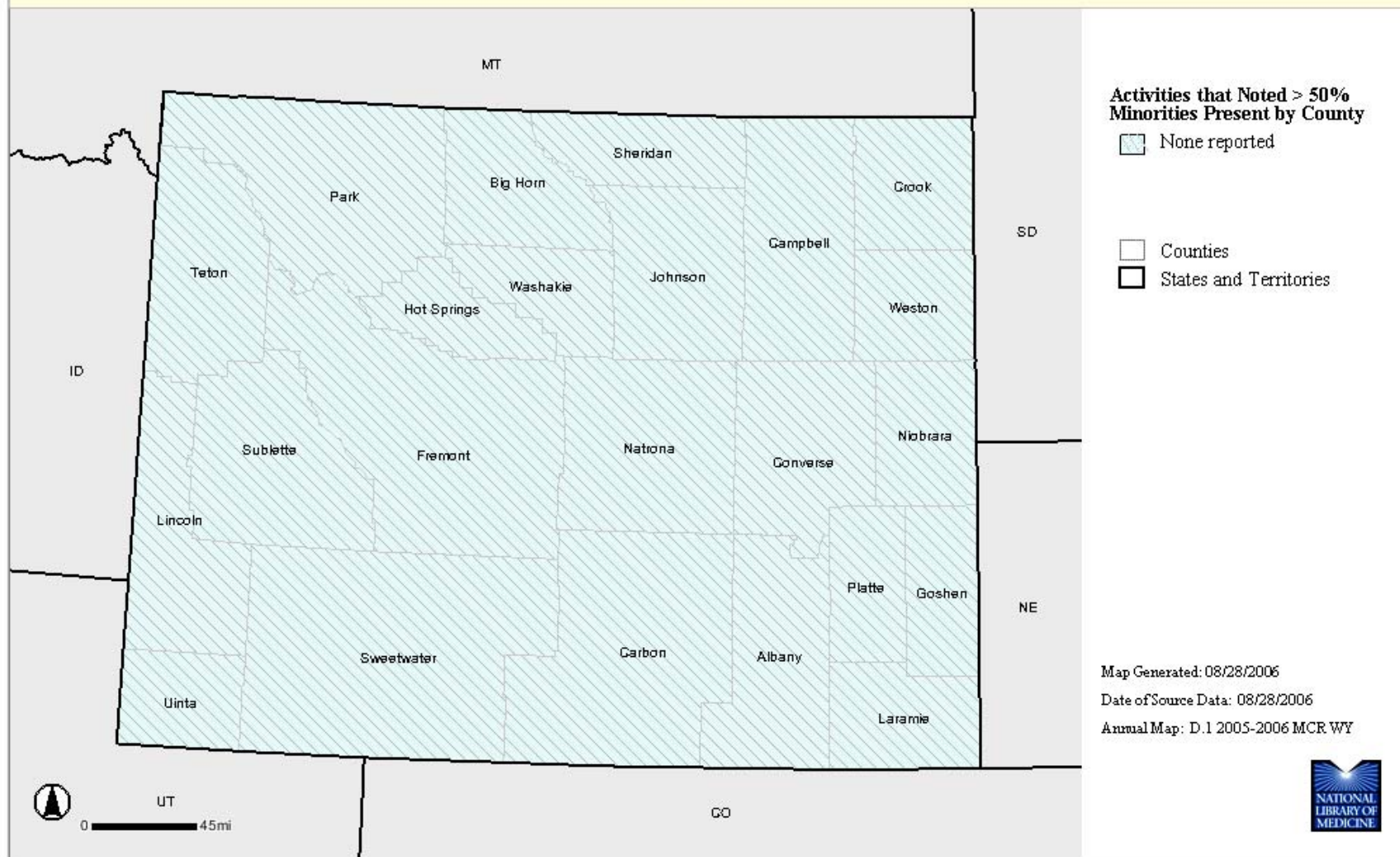
All MCR Outreach Activities that Noted Greater than 50% Minorities Present

May 1, 2005 - April 30, 2006

Total = 3



Wyoming
All MCR Outreach Activities that Noted Greater than
50% Minorities Present
May 1, 2005 - April 30, 2006
Total = 0



Illinois

All MCR Outreach Activities that Noted Greater than 50% Minorities Present May 1, 2005 - April 30, 2006

Total = 1

