

Integrated Systems within the Minnesota Department of Health

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Integrated Systems within the Minnesota Department of Health

- **The Workspace**
- **The Health Alert Network**
- **The Strategic National Stockpile
Support System**
- **The Emergency Communication
System.**

The MDH Workspace

This project brings together several areas of functionality within MDH –

- Alerts and Communications
- Epi
- Labs
- OEP and Emergency Management
- Hospitals and Pharmacies
- Environmental Health.

MDH Workspace - Microsoft Internet Explorer

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Workspace

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- Logout

Please sign in to proceed. Your login ID and password are not case-sensitive.

Please note: This site works best with Internet Explorer 5.5 and higher and Netscape 6.2 and higher.

Login ID:

Password:

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Start Desktop 3:26 PM



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Workspace MDH Workspace



Welcome to the MDH Workspace

News and Notes

Welcome to the newly designed MDH Workspace. If you have any comments, please send them to: workspace@health.state.mn.us

Main Menu

[Health Alert Network](#)

The Health Alert Network of the Minnesota Department of Health enables public health staff, health care providers, emergency workers, and others working to protect the public to exchange information during a disease outbreak or disaster.

[User Directory](#)

Search for Workspace Users and other local and state Public Health employees.

[General Messages](#)

Use this function to send messages to individual Users and to Groups of Users within the MDH Workspace.

[My Profile](#)

Change your own contact information - address, phone, email, etc. Please keep this current so that in an emergency, we are able to contact you.

[Admin](#)

Manage Users, Contact Groups, Contact Roles, the Menu, and Organizations.

[Minnesota Laboratory System \(MLS\)](#)

The Minnesota Laboratory System (MLS) is an integrated network of public and private microbiology laboratories working together to protect and improve the health of all Minnesotans through communication, collaboration and cooperation.

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[Tribal Government](#)

Tribal Government systems. No items now, but watch this space for developments.

[Environmental Health](#)

Environmental Health systems help protect people from possible toxins in food, water, and other elements in the environment. View public fact sheets on the disaster/emergency role of Environmental Health staff, chemical terrorism, dirty bombs, food safety, and drinking water security. Prepare for the unexpected with scenarios for tabletop exercises. Address long term needs with "The Story of EH" presentations (which you may use/modify with credit to the MDH).

[ICPShare](#)

Watch this space for the ICPShare system and other Infection Control Practitioner systems.

[Health Alert Network-Public Site](#)

View broadly published Health Alerts, and other information available to the general public.

[Office of Emergency Preparedness \(OEP\)-Public Site](#)

The Office of Emergency Preparedness (OEP) leads preparedness activities for bioterrorism and other public health threats.

protect and improve the health of all Minnesotans through communication, collaboration and cooperation.

[Office of Emergency Preparedness \(OEP\)](#)

The Office of Emergency Preparedness (OEP) leads preparedness activities for bioterrorism and other public health threats.

[Hospital Preparedness](#)

Information pertinent for hospitals is found here, including results from the recent Hospital Survey.

[Public Health Forums](#)

The Workspace exists partly to facilitate and encourage dialogue in the Public Health community. These Public Health Forums are web-based discussion boards.

[Surveys and Data Collection](#)

This is where Surveys and Data can be found.

[Syndromic Surveillance](#)

For MDH Epidemiology to view syndromic surveillance reports.

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[SNS Screens](#)

Demonstration screens for the SNS inventory delivery project

[Policies and Training Materials](#)

Contains policies, procedures, and training materials

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Emergency Preparedness Internal Education & Training Team

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The Health Alert Network

- Project started in 1999
- Role-based access
- Create Health Alerts in a Gated Process based on roles
- Pre-set Communication Groups similar to email
- Can be used by local networks
- Reports on who has confirmed



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Health Alert Network

[Current Health Alerts](#)

View Health Alerts that have been sent, in date order.

[Send Autocall Message](#)

Send Autocall Message through the MDH Workspace interface.

[Streaming Media](#)

Streaming media that is viewable on the web.

[Creating Health Alerts](#)

This is the Gated Health Alert Process. It allows you to Initiate, Author, Approve and Send Health Alerts. The process starts at a View Health Alerts page. From there your individual permissions will allow you to Initiate, Author, Approve and Dispatch (Send).

[General HAN Information](#)

General information about Minnesota's Health Alert Network.

[Reports](#)

HAN reports, including which counties or LPHs have confirmed receipt.



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Current Health Alerts

Search for health alerts. Leave the field blank to search for all.

Health Alert Title

Current Health Alerts

Alert Level	Health Alert Title	Status	Date
	Pediatric Influenza Vaccine Availability For High-Risk Children	INACTIVE	2003-12-15 14:28
Time-sensitive	Change in Pneumococcal Vaccine Recommendation from CDC	SENT	2004-03-02 16:30
Time-sensitive	rabies vaccine recall	SENT	2004-04-05 12:12
Time-sensitive	Frequently Asked Questions about the Rabies Vaccine Recall	DISPATCHING	2004-04-07 10:16
Time-sensitive	Frequently Asked Questions about the Rabies Vaccine Recall	SENT	2004-04-07 12:05



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Time-sensitive: rabies vaccine recall

Dispatched on: 2004-04-05 12:12

Health Alert Recipients

The following were alert recipients.

Contact Groups

Name
State Partners
Border States HAN
HSEM
HAN CCs
HAN CCs EH
HAN Courtesy Copy
ICP
LENM
Tribal Clinics
Travel Health Clinics
District Office Public Health Preparedness Staff
District Office Nurse Consultants
District Office Epi Staff
OEP Staff

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Alert Title and Subject Line

Time-sensitive: rabies vaccine recall

Alert and Password Site Text

May 5, 2004 3:30:04 PM

Time-sensitive: rabies vaccine recall

Please forward the following information on to health care providers, clinics, and hospitals in your jurisdiction.

CDC and the Food and Drug Administration (FDA) have been notified that a recent quality-assurance test of IMOVAX® Rabies Vaccine (Aventis Pasteur, Swiftwater, Pennsylvania) identified the presence of noninactivated Pitman-Moore virus (the attenuated vaccine strain) in a single product lot. IMOVAX® is an inactivated viral vaccine and should not contain live virus. The vaccine lot containing noninactivated virus was not distributed.

As a precautionary measure, Aventis Pasteur initiated a voluntary recall of lot numbers X0667-2, X0667-3, W1419-2, and W1419-3, which were produced during the same period as the lot that contained noninactivated Pitman-Moore virus. These four lots, which were distributed in the United States from September 23, 2003 through April 2, 2004, passed all FDA-approved release tests, including testing to confirm the absence of live virus. These test results suggest that any potential risk to those vaccinated with recalled vaccine is likely to be low. No unusual adverse events associated with the recalled vaccine have been reported.

For further information and medical recommendations for persons who have received the recalled vaccine, please see the MMWRdispatch at:
<http://www.cdc.gov/mmwr/>

The CDC Health Advisory may be read at
<http://www.phppo.cdc.gov/HAN/ArchiveSys/ViewMsgV.asp?AlertNum=00194>

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Health Alert Confirmations Report Summary

Time-sensitive: Frequently Asked Questions about the Rabies Vaccine Recall
 SENT on 2004-04-07 12:05:30.0

<u>Confirmed Organizations</u>		90	99%			
		Cumulative		Time Period		
	<u>within 30 minutes</u>	43	47%		43	47%
	<u>within 1 hour</u>	69	76%		26	29%
	<u>within 1 hour 30 minutes</u>	76	84%		7	8%
	<u>within 2 hours</u>	80	88%		4	4%
	<u>within 2 hours 30 minutes</u>	81	89%		1	1%
	<u>within 3 hours</u>	82	90%		1	1%
	<u>within 3 hours 30 minutes</u>	84	92%		2	2%
	<u>within 24 hours</u>	87	96%		3	3%
	<u>within 48 hours</u>	88	97%		1	1%
	<u>within 72 hours</u>	89	98%		1	1%
<u>Non-Confirmed Organizations</u>		1	1%			
Total		91	100%			

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Time-sensitive: Frequently Asked Questions about the Rabies Vaccine Recall
 SENT on 2004-04-07 12:05:30.0

Response cutoff:

Show individuals

Report Type

99% of the contacted organizations responded

Organization	Response Speed	Internal Organization Response Rate
Aitkin County Health Service	within 2 hours	20%
Anoka County Community Health and Environmental Services Department	within 30 minutes	27%
Beltrami County PHN Service	within 2 hours	33%
Benton County Human Services	within 2 hours	80%
Bloomington Division of Public Health	within 30 minutes	62%
Blue Earth County PHN Service	within 1 hour	57%
Brown County Public Health	within 72 hours	50%
Carlton County Public Health	within 24 hours	12%
Carver County Community Health Service	within 1 hour	45%
Cass County CHS	within 30 minutes	14%
Chisago County CHS/PHN Service	within 30 minutes	75%
Clay County Public Health Department	within 48 hours	25%
Clearwater County Nursing Service	within 1 hour 30 minutes	50%
Cook County Public Health and Human Services	within 30 minutes	43%

Other Communications within HAN

General Messages

Local Networks



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 - Capacity Inventory Reports
 - Planning Resources
 - Strategic National Stockpile (SNS)
 - Statewide Exercise Schedule
 - Influenza Vaccination
 - Financial Reporting
 - Financial Reporting

General Messages

General messages are archived and searchable. You may either:

Send a message [here](#)

or

***Search for a message:** To find a message that was sent through the MDH Workspace, enter either a keyword from the subject or the message senders name, then click search.*

The search results will be either messages you have received or messages you have sent. Leave the field blank to search for all messages.

Subject Keyword or Sender:

search



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MDH Message

Step 1: Choose Recipients

Please select the groups you wish to contact. Additional email addresses can be added in the "Individuals" section below. When you are done, click continue.

If you do not need to select groups or send to individuals, you may leave this page blank and click continue.

Contact Groups

To:	Name	Description
<input type="checkbox"/>	Access to General Messages	Access to General Messages
<input type="checkbox"/>	Border States HAN	Reserved for HAN use only HAN Coordinators for IA, WI, ND, SD - Owner, HAN
<input type="checkbox"/>	CDC	CDC
<input type="checkbox"/>	District Office Epi Staff	Owner - John Clare
<input type="checkbox"/>	District Office Nurse Consultants	Owner - Laurel Briske
<input type="checkbox"/>	District Office Public Health Preparedness Staff	Owner - Laurel Briske
<input type="checkbox"/>	Focus Area Leads	for BT grant
<input type="checkbox"/>	Grant Management Group	Grant Management Group

- Collection
 - Office of Emergency Preparedness (OEP)- Public Site
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TO: oep@health.state.mn.us

To Groups:
To Roles and Organizations:

From: david.haberman@health.state.mn.us

Subject:

Message:

Attachment: Browse... add

File name Size Remove attachment?

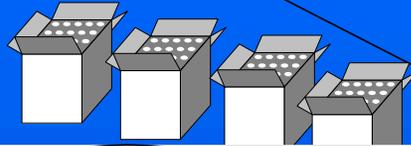
The Strategic National Stockpile Support System

- Ordering
- Delivery
- Communications

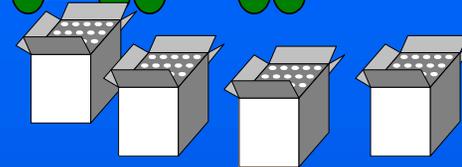
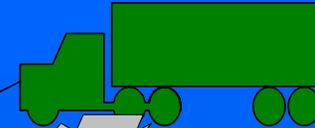


CDC Minnesota SNS Program

Push Package



CDC Push Package

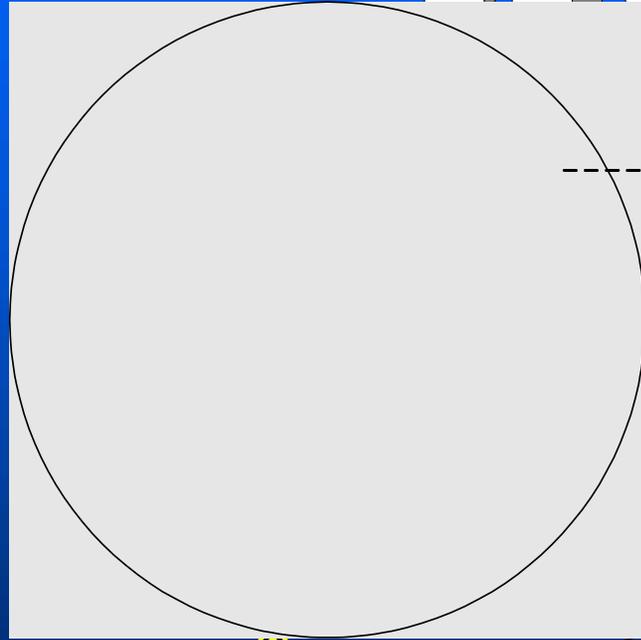


MDH RSS - Receiving, Storage, Staging

State responsibility

Regional and local responsibility

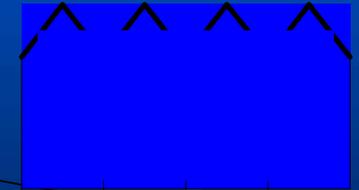
Regional Node(s)



Treatment Center

Dispensing Site

Dispensing Site



Overall control and management of the SNS distribution system includes

- Receiving into the State,
- Inventory management at the State,
- Replenishment (reordering) for the State,
- Ordering and allocating for sites,
- Picking and packing at the State,
- Delivery to distribution nodes,
- Hand-off to sites and centers,
- Dispensing,
- Recovery of unused medical materials.

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RSS Inventory

Import Inventory

Import delivered SNS inventory.

RSS Inventory Management

Manage and maintain RSS inventory.

Allocate/Issue Orders

Verify, allocate and issue orders placed by LPH's.

Prepare for Delivery

Prepare orders for delivery.

Truck/Driver Information

Enter and maintain transportation and driver information.

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RSS Inventory Import

Select Import File

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Item	Product Code	Quantity	
ALBUTEROL METERED DOSE INHALER 1TGM	59930156001	con-hand quantity	edit / delete
ATROPINE SULFATE 0.4MG/ML 20ML MDV FOR INJECTION	63323023420	con-hand quantity	edit / delete
BACITRACIN 500U/POLYMEMIN B 10000U OINT 0.9GM PACKETS	00150002309	con-hand quantity	edit / delete
CIPROFLOXACIN IV 400MG/200ML D5W	00025052763	con-hand quantity	edit / delete
DIAZEPAM HCL 10MG AUTO-INJECTOR	6505012740953	con-hand quantity	edit / delete
DIAZEPAM HCL 10MG (5MG/ML) SDV FOR INJECTION	00641037325	con-hand quantity	edit / delete
DOPAMINE HCL 400MG (80MG/ML) VIAL FOR INJECTION	00074910420	con-hand quantity	edit / delete
DOXYCYCLINE HYCLATE 100MG POWDER VIAL FOR INJECTION	63323013010	con-hand quantity	edit / delete
EPINEPHRINE HCL 1:10000 (0.1MG/ML) 10ML SYR/NDL FOR INJ	00074492330	con-hand quantity	edit / delete
EPINEPHRINE 1:1000 (1MG/ML) AUTO-INJECTOR	49502050001	con-hand quantity	edit / delete
EPINEPHRINE 1:2000 (0.5MG/ML) AUTO-INJECTOR	00074636502	con-hand quantity	edit / delete
ERYTHROMYCIN LACTOBIONATE 505MG PWDR VIAL FOR INJ	63323001020	con-hand quantity	edit / delete
GENTAMICIN SULFATE 40MG/ML (20ML) MDV FOR INJECTION	00074198511	con-hand quantity	edit / delete
LORAZEPAM HCL 2MG/ML (1ML) 22G NEEDLE CARPUJECT CSIV	6505011749919	con-hand quantity	edit / delete
MARK 1 (PRALIDOXIME 600MG/ATROPINE 2MG) AUTO-INJR	00005019016	con-hand quantity	edit / delete
METHYLPREDNISOLONE 500 SUC 125MG (2ML) VIAL FOR INJ	00074126301	con-hand quantity	edit / delete



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SNS Order Form: <facility name>

<requesting facility>

Requested: <request Date & time>

<county name>

County Population:

County Thoroughput:

Case Counts:

Item	Product Code	Quantity Desired
ALBUTEROL METERED DOSE INHALER 17GM	59930156001	<input type="text"/>
ATROPINE SULFATE 0.4MG/ML 20ML MDV FOR INJECTION	63323023420	<input type="text"/>
BACITRACIN 500U/POLYMXIN B 10000U OINT 0.9GM PACKETS	00168002109	<input type="text"/>
CIPROFLOXACIN IV 400MG/200ML D5W	00026852763	<input type="text"/>
DIAZEPAM HCL 10MG AUTO-INJECTOR	6505012740951	<input type="text"/>
DIAZEPAM HCL 10MG (5MG/ML) SDV FOR INJECTION	00641037125	<input type="text"/>
DOPAMINE HCL 400MG (80MG/ML) VIAL FOR INJECTION	00074910420	<input type="text"/>
DOXYCYCLINE HYCLATE 100MG POWDER VIAL FOR INJECTION	63323013010	<input type="text"/>
EPINEPHRINE HCL 1:10000 (0.1MG/ML) 10ML SYR/NDL FOR INJ	00074492118	<input type="text"/>
EPINEPHRINE 1:1000 (1MG/ML) AUTO-INJECTOR	49502050001	<input type="text"/>
EPINEPHRINE 1:2000 (0.5MG/ML) AUTO-INJECTOR	00074636502	<input type="text"/>
ERYTHROMYCIN LACTOBIONATE 500MG PWDR VIAL FOR INJ	63323001020	<input type="text"/>
GENTAMICIN SULFATE 40MG/ML (20ML) MDV FOR INJECTION	00074198511	<input type="text"/>
LORAZEPAM HCL 2MG/ML (1ML) 22G NEEDLE CARPUJECT CSIV	6505011749919	<input type="text"/>



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SNS Orders

[Filter By Site](#)

[New Order](#)

ID	Order Date	Site	Status	ETA	
#182	12/12/03	Cook County Hospital	ordered	5:00pm	view
#174	12/03/03	St. Mary's Hospital, Duluth MN	delivered	4:45 pm 12/04/03	view

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Transfers

**Transfer __ 10 cases cipro _____
from __ Mtka HS _____
to __ NE Armory _____**

Reset Cancel GO

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The Emergency Communication System.

- Developed specifically for SNS events.
- Alternate methods are email, fax, phone, 800-MHz radio and HAM radio.
- Issues will be tracked by the system.
- Broad application outside of SNS.



MDH Workspace

Emergency Communications

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Create Message

Create and send a message.

Open Messages

Search and follow up on open messages.

Closed Messages

Search closed communications .

MDH Workspace

Emergency Communication: Create Message

<location information-retrieved from login info>

Message Title:

Message Content:

Special Notification to:

- County EOC
- State EOC
- NE District
- NW District

Submit

Clear

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Emergency Communication: Message Follow-up

Koochiching LPH: 1/5/2004 12:48 PM

Owned by: State EOC

We need come N-95 Masks, 100 to 200 at least. We just got our SNS and we have reconfigured our dispensing site. There are now many more stations.

Red Wing LPH: 1/5/2004 12:55 PM

We have about 10 cases of 1,000 ct. masks.

State EOC: 1/5/2004 12:56 PM

Red Wing is too far away Does anyone in NE have masks?



Interconnectivity

- **Single sign-on Workspace**
- **Economies of scale**
- **Better working relationships within MDH**
- **Streamlines response to an emergency**

The supporting database

- The glue and connectivity that enables the whole system to work.
- There is a common database, common communication groups, and common security permissions and access.
- LDAP is the common tool for directory and for access.



home

Minnesota Department of Health

Workspace MDH Workspace



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Admin

[Organization Maintenance](#)

A user belongs to an Organization such as a CHB, a LPH, a Hospital, MDH or OEP. This is where you create and maintain Organizations.

[User Maintenance](#)

Add and deactivate Users, reset passwords, assign Users to Contact Groups, assign roles to a User, assign Users to an Organization, etc.

[Organization Roles Matrix](#)

This is where Organization types and Organization Roles are related to each other and the Organization Role Matrix is defined.

[Contact Group Maintenance](#)

Health Alerts are sent to Contact Groups, similar to email groups. This is where you define and edit Contact Groups.

[Menu Management and Menu Security](#)

Create and Maintain menu items, including making menu items secure.

[Assign Alert Roles](#)

This is where you assign Alert Roles (Initiator, Author, Approver, Dispatcher) to people.

Enhancements

- **“Role” is being redefined. Used to be HAN-only – Initiator, Author, Dispatcher. Now is getting broader applicability.**
- **Org Hierarchy and Delegated Admin**
- **Auto-call functionality**

Keep those cards and letters coming

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