



# How can I access the vLMIS?

Authorized staff of the Ministry of National Health Services Regulation & Coordination (MoNHSRC), provincial health departments, and federal and provincial EPI programmes, donors, and related stakeholders can access the vLMIS at <http://lmis.gov.pk>. To access the system, please send a request to [support@lmis.gov.pk](mailto:support@lmis.gov.pk). For limited access, anyone can log in with the username “guest” and password “guest.”



## System Requirements

### Operating system:

Microsoft Windows XP/7/8

### Browsers:

Internet Explorer 7 and above,  
Mozilla Firefox 2 and above, Google Chrome

### Internet:

minimum 512 kbps



## Development Tools

### Programming languages:

PHP, Javascript, JQuery

### Database:

MySQL



Photo credit: USAID | DELIVER PROJECT



Expanded Program on Immunization  
Government of Pakistan



### USAID | DELIVER PROJECT

John Snow, Inc.  
253-C, Street 23, E-7, Islamabad, Pakistan  
Phone: +92-51-2655425  
Email: [info@deliver-pk.org](mailto:info@deliver-pk.org)  
Internet: [deliver.jsi.com](http://deliver.jsi.com)



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## Improving Access to Vaccines in Pakistan



Introducing a Web-Based  
Vaccine Logistics Management  
Information System (vLMIS)  
for the Vaccine Supply Chain in  
Pakistan

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## Background

Since 2009, the USAID | DELIVER PROJECT (the project) has worked with the Government of Pakistan (GOP) and other partners to improve healthcare in Pakistan through health system strengthening. Without a strong supply chain, healthcare programs cannot function effectively. The project focuses on strengthening the healthcare supply chain and providing commodities such as vaccines.

## What is the vLMIS?

The vaccine logistics management information system (vLMIS) is an important part of Pakistan's public health logistics management information system. It handles all vaccine commodities for Pakistan's Expanded Programme on Immunization (EPI). The web-based vLMIS application has provided managers, logisticians, and donors with better visibility into the supply chain, helping them make better decisions to ensure that vaccines are available for the population. The vLMIS allows authorized users at various locations to enter data and access vLMIS reports through a web browser. Reports include stock status reports, months of stock, wastage reports, and other information critical to the functioning of the supply chain. By improving the timeliness and quality of logistics data, the vLMIS effectively improves decisionmaking at all supply chain levels, i.e. national, provincial, districts, and union councils.

## Who can access the vLMIS?

With the vLMIS, logisticians at various levels of the supply chain, including the federal and provincial warehouses, districts stores and union council facilities, can enter data into the system and view reports. When the vLMIS software has been installed in a facility—

- users can increase their access to logistics data
- managers can make better decisions, which will improve the availability of commodities
- donors and stakeholders can access web-based reports for decisionmaking, forecasting, and procurement planning
- federal and provincial staff can access stock status from districts and service delivery points immediately upon data entry
- warehouse managers can access an inventory of equipment and take corrective actions more efficiently
- managers can strengthen supervision and monitoring to improve stock availability at all levels.



Photo credit: USAID | DELIVER PROJECT

## How does the vLMIS work?

The vLMIS is a web-based vaccines logistics management information system that allows users to enter logistics data from different physical locations through a web-based interface. The system uses a central database to bring all the logistics information together and it produces a variety of reports for different users.

As shown in figure 1, data is reported into the automated vLMIS from the manual reporting system. As more facilities adopt the vLMIS, the need for manual reporting will be reduced. Four main data streams are currently being reported into the vLMIS: warehouse management system data, consumption data for routine immunization, campaign reporting data, and cold chain equipment management data.

**Figure 1: Web-Based Vaccine LMIS**

