

IDSP

Introduction:

Integrated Disease Surveillance Project (IDSP) was launched in November 2004 to strengthen the disease surveillance in the country by establishing a decentralized State based surveillance system for epidemic prone diseases to detect the early warning signals, so that timely and effective public health actions can be initiated in response to health challenges in the country at the Districts, State and National level.

Objectives:

To strengthen/maintain decentralized laboratory based IT enabled disease surveillance system for epidemic prone diseases to monitor disease trends and to detect and respond to outbreaks in early rising phase through trained Rapid Response Team (RRTs)

Programme Components:

- Integration and decentralization of surveillance activities through establishment of surveillance units at Centre, State and District level.
- Human Resource Development – Training of State Surveillance Officers, District Surveillance Officers, Rapid Response Team and other Medical and Paramedical staff on principles of disease surveillance.
- Use of Information Communication Technology for collection, collation, compilation, analysis and dissemination of data.
- Strengthening of public health laboratories.
- Inter sectoral Co-ordination for zoonotic diseases

Data Management:

Under IDSP data is collected on epidemic prone diseases on real-time basis. The information is collected on three specified reporting formats, namely “S” (suspected cases), “P” (presumptive cases) and “L” (laboratory confirmed cases) filled by Health Workers, Clinicians and Laboratory staff respectively. The weekly data gives information on the disease trends and seasonality of diseases.

Whenever there is a rising trend of illnesses in any area, it is investigated by the Rapid Response Teams (RRT) to diagnose and control the outbreak. Data analysis and actions are being undertaken by respective State/District Surveillance Units.

IHIP portal:

In Uttarakhand state IHIP launch in 3rd phase by Govt. of India. IHIP is a web-enabled electronic information system by which the real-time data collection, disease surveillance and effective preventive and control measures can be undertaken in a timely manner of outbreaks can be possible.

Key features of (IHIP)

- Real time data reporting (along through mobile application)
- Accessible at all levels (from villages, states and central level)
- Advanced data modelling & analytical tools
- GIS enabled Graphical representation of data into integrated dashboard
- Role & hierarchy-based feedback & alert mechanisms
- Geo-tagging of reporting health facilities
- Scope for data integration with other health programs

IDSP laboratory networking:

Under IDSP laboratory networking District laboratories have been strengthened and made functional as District Public Health Labs (DPHLs) for diagnosis of epidemic prone diseases in all 13 districts.

Referral laboratory network under IDSP has been also established by utilizing the existing functional labs in the identified Govt. medical colleges in the state i.e. Govt. Doon Medical College Dehradun, Govt. Medical College Haldwani and Govt. Medical College Srinagar and linking them with adjoining districts for providing diagnostic services for epidemic prone diseases during outbreaks.

URL : <https://ihip.nhp.gov.in/idsp>

List of District Public Health Lab:

Facility Name	Lab / Facility Type	District Names
HG PANT District Hospital Almora	IDSP-DPHL	Almora
District Hospital Bageshwar	IDSP-DPHL	Bageshwar
District Hospital Chamoli	IDSP-DPHL	Chamoli
District Hospital Champawat	IDSP-DPHL	Champawat
Gandhi shatabdi Eye Hospital, Dehradun	IDSP-DPHL	Dehradun
Mela Hospital Haridwar	IDSP-DPHL	Haridwar
Base Hospital Haldwani Nainital	IDSP-DPHL	Nainital
Combined Hospital Srinagar Pauri	IDSP-DPHL	Pauri Garhwal
BD Pandey Distict Hospital	IDSP-DPHL	Pithoragarh
Madhav Ashram hospital Koteswar Rudraprayag	IDSP-DPHL	RudraPrayag
District Hospital Baurari Tehri	IDSP-DPHL	Tehri Garhwal
District JLN Hospital Udham Singh Nagar	IDSP-DPHL	Udham Singh Nagar
District Hospital Uttarkashi	IDSP-DPHL	Uttarkashi

List of Referral laboratory:

Facility Name	Lab / Facility Type
Govt. Doon Medical College, District- Dehradun	IDSP-SRL
Govt. Medical College, Haldwani, District- Nainital	IDSP-SRL
Govt. Medical College, Srinagar, District-Pauri Garhwal	IDSP-SRL