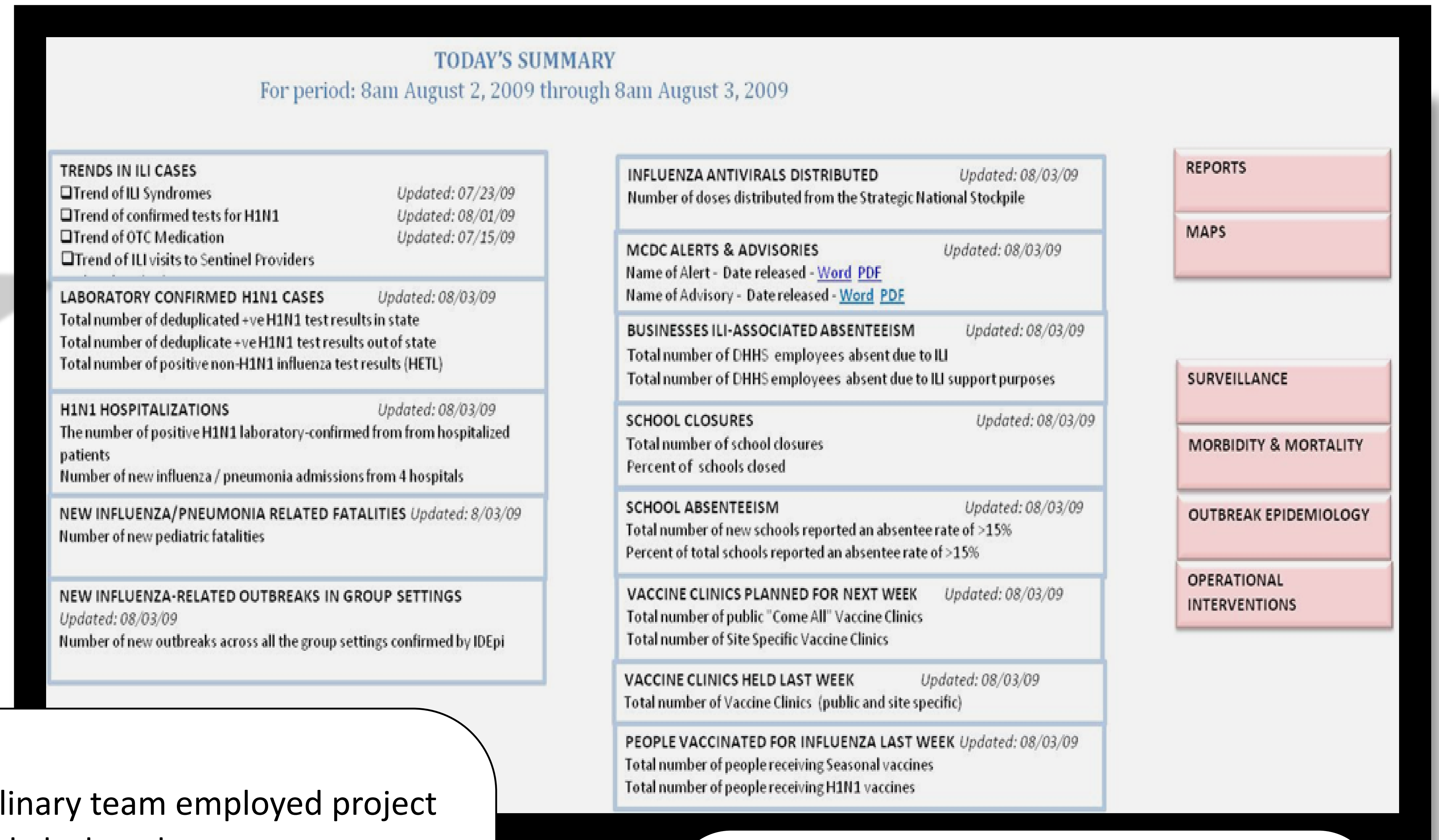# AN H1N1 DASHBOARD EXPERIENCE
The use of Health Information Technology as a Decision-Support tool in Public Health Emergency Management

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Acknowledgement: Maine Center for Public Health

PURPOSE:
- To provide an accessible, single point of access to timely and accurate, relevant data.
- Maximize Maine CDC's capacity to detect an outbreak.
- Maximize the state of Maine's ability to effectively contain and manage an outbreak.

DAILY SUMMARY PAGE
- Summary Elements

SUMMARY ELEMENT
- Details for previous 30 days
- Map with details for previous 30 days

CUMULATIVE DATA
- Data for summary element since the start of the epidemic

CATEGORY OF DATA SUMMARY PAGE
- Surveillance data and information
- Epidemic Analysis data and information
- Morbidity and Mortality data and information
- Operational Interventions data and information

METHODS:
Multi-disciplinary team employed project management strategy to:
- Develop project goals, objectives, and timelines.
- Identify program data, associated business processes and business requirements.
- Develop visualization tools.
- Create an implementation strategy.

CHALLENGES:
- An evolving scientific base of knowledge.
- Shared vision and commitment by management and subject matter experts.
- Informatics competencies disparities.
- Philosophical differences in view of application and requirements.

TODAY'S SUMMARY
For period: 8am August 2, 2009 through 8am August 3, 2009

TRENDS IN ILI CASES
- Trend of ILI Syndromes — Updated: 07/23/09
- Trend of confirmed tests for H1N1 — Updated: 08/01/09
- Trend of OTC Medication — Updated: 07/15/09
- Trend of ILI visits to Sentinel Providers

LABORATORY CONFIRMED H1N1 CASES — Updated: 08/03/09
Total number of deduplicated +ve H1N1 test results in state
Total number of deduplicate +ve H1N1 test results out of state
Total number of positive non-H1N1 influenza test results (HETL)

H1N1 HOSPITALIZATIONS — Updated: 08/03/09
The number of positive H1N1 laboratory-confirmed from from hospitalized patients
Number of new influenza / pneumonia admissions from 4 hospitals

NEW INFLUENZA/PNEUMONIA RELATED FATALITIES — Updated: 8/03/09
Number of new pediatric fatalities

NEW INFLUENZA-RELATED OUTBREAKS IN GROUP SETTINGS — Updated: 08/03/09
Number of new outbreaks across all the group settings confirmed by IDEpi

INFLUENZA ANTIVIRALS DISTRIBUTED — Updated: 08/03/09
Number of doses distributed from the Strategic National Stockpile

MCDC ALERTS & ADVISORIES — Updated: 08/03/09
Name of Alert - Date released - Word PDF
Name of Advisory - Date released - Word PDF

BUSINESSES ILI-ASSOCIATED ABSENTEEISM — Updated: 08/03/09
Total number of DHHS employees absent due to ILI
Total number of DHHS employees absent due to ILI support purposes

SCHOOL CLOSURES — Updated: 08/03/09
Total number of school closures
Percent of schools closed

SCHOOL ABSENTEEISM — Updated: 08/03/09
Total number of new schools reported an absentee rate of >15%
Percent of total schools reported an absentee rate of >15%

VACCINE CLINICS PLANNED FOR NEXT WEEK — Updated: 08/03/09
Total number of public "Come All" Vaccine Clinics
Total number of Site Specific Vaccine Clinics

VACCINE CLINICS HELD LAST WEEK — Updated: 08/03/09
Total number of Vaccine Clinics (public and site specific)

PEOPLE VACCINATED FOR INFLUENZA LAST WEEK — Updated: 08/03/09
Total number of people receiving Seasonal vaccines
Total number of people receiving H1N1 vaccines

REPORTS
MAPS
SURVEILLANCE
MORBIDITY & MORTALITY
OUTBREAK EPIDEMIOLOGY
OPERATIONAL INTERVENTIONS

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