

Panel #1: H1N1 Vaccine Distribution and Capacity in Dallas County



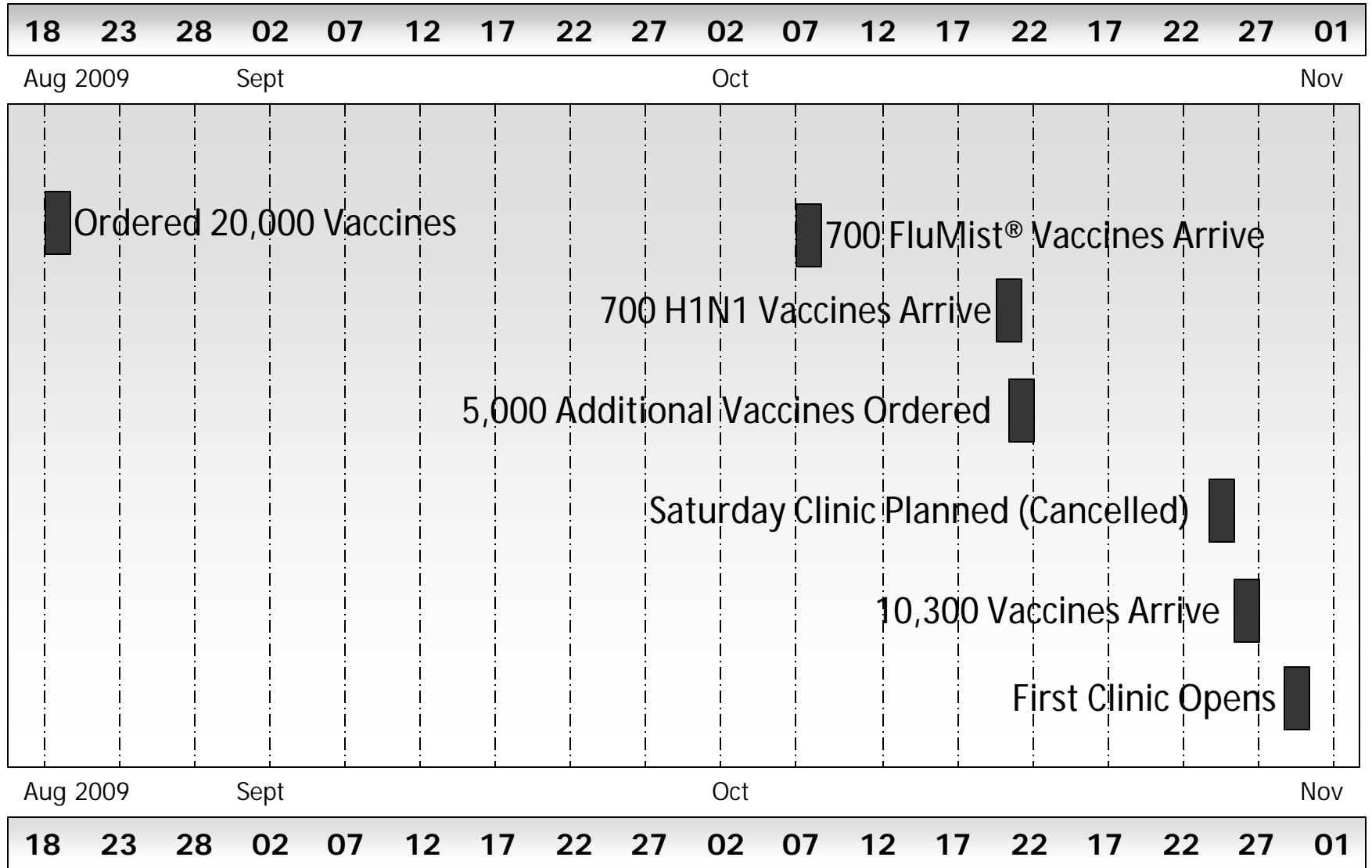
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Human Services

H1N1 Vaccine National Coverage Estimates

January 2, 2010

- 61 million persons have been vaccinated (20.3% of the population)
 - ? 29.4% of U.S. Children 6 months – 18 years
 - ? 27.9% of U.S. persons in the priority groups
 - ? 38% of U.S. pregnant females
- ~90% of adults <65 years with a high risk medical condition have not been vaccinated
- 22.3% Health Care Worker vaccination rate

Early H1N1 Shipment Timeline– Dallas County Health and Human Services



Communication with Texas Department of State Health Services

- Conference Calls through Texas Association of Local Health Officials (TALHO)
- Resource requests were processed by the State Multi-agency Coordination Center (MACC)
- Regional Office communicated area provider needs
- Texas Pandemic Influenza Medical Ethics Work Group
- Preparedness Coordinating Council (PCC)

H1N1 Vaccine Allocations– Dallas County

While both Federal and State Guidance were considered in determining who should receive priority for vaccination, analysis of our local conditions better guided the vaccine campaign strategy

- Guidance

- ? CDC Priority Groups (Advisory Committee on Immunization Practices [ACIP] Recommendations)

- ? Texas Department of State Health Services

- Local determinants

- ? Epidemiological conditions

- ? Amount of vaccine available

- ? Demand for vaccine

Dallas County Health and Human Services H1N1 Vaccine Distribution

*Roughly 18% of H1N1 Vaccines in Dallas County were administered or allocated by Dallas County Health and Human Services**

- 11,208 vaccines were allocated to:
 - ? City EMS providers
 - ? Area School Districts
 - ? City of Garland Health Department
 - ? Parkland Youth and Family Centers
 - ? Physician offices
 - ? Area Hospitals
- 39,200 vaccines were allocated to area pharmacies

* Through December 31, 2010

Partnership with Area Pharmacies

Dallas County Health and Human Services utilized existing relationships with area pharmacies to assist with vaccine administration from 11/20/2009-11/30/2009

- All major store chains and listed independent pharmacies were contacted
- 5 chains and 4 independent pharmacies agreed to participate
- Allocation process was open with all participants agreeing to distributions
- >125 store locations were utilized
- 27,418 Administered from 11/20-11/30

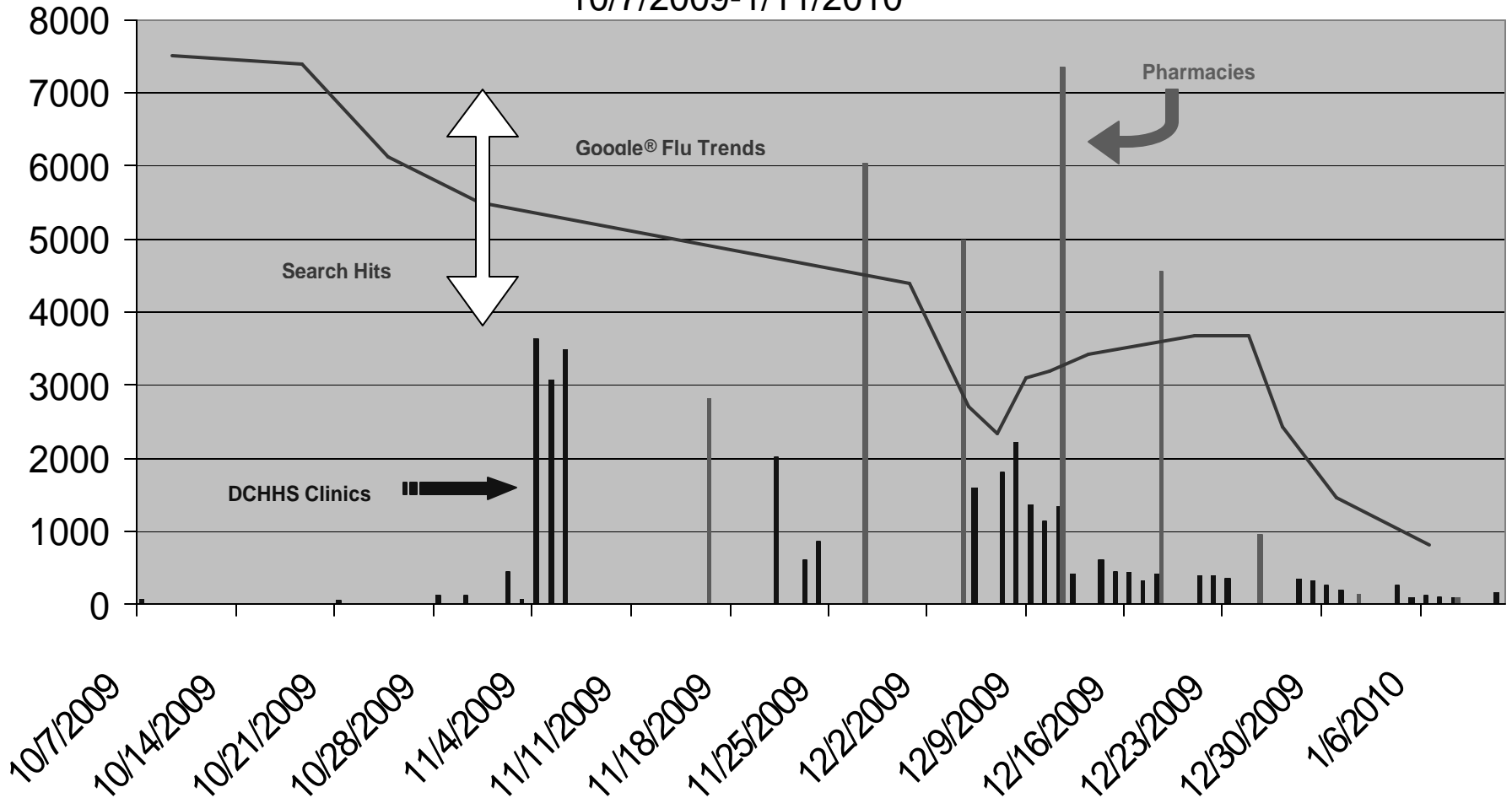
Dallas County Health and Human Services

H1N1 Vaccine Clinics

Different clinic types and settings were used throughout the vaccine campaign

	Date	Clinic Type	Number Administered
Healthcare worker, EMS, School Nurse	10/7-10/28	Walk-in	274
High risk pediatrics	10/30-11/2	Appointment	522
CDC Priority Groups	11/4-11/6	Walk-in	10,194
CDC Priority Groups	11/21-12/5	Appointment	5,118
All Populations	12/7-2/1	Walk-in	13,674
School-based Clinics	1/15-2/3	School-based	1500

H1N1 Vaccines Administered Vs. "Google Flu Trends" Dallas County Health & Human Services 10/7/2009-1/11/2010



Sources: DCHHS Staff, Participating Pharmacies,
http://www.google.org/flutrends/intl/en_us/us/#US

H1N1 Vaccine Volunteers, Dallas County, 2009-2010



	Number	Hours
Medial Reserve Corps	195	1,252
Dallas-area Red Cross	73	258
Dallas C.E.R.T	10	47
Others	33	88
Total	311	1,645

Dallas County Health and Human Services Staff

- 250 Employees participated during H1N1 vaccination clinics (85-90% of entire staff)
 - ? Public Health Preparedness Division
 - ? Preventive Health (Immunization Staff)
 - ? Environmental Health
 - ? Communicable Disease Nurses
 - ? Tuberculosis Nurses
 - ? Sexually Transmitted Disease Clinic Staff
 - ? Grants and Administration

Importance of CDC Public Health Preparedness (PHP) Funding

Base preparedness funds provide the key foundation for readiness for any potential public health emergency

- 14 Full-time PHP staff responded during vaccine clinics
- Training, planning, and education of volunteers, staff, and contract staff was carried out with the benefit of 7 years of planning
- Pre-purchased ancillary clinical supplies and resources were available for immediate use

Dallas County: 3 Day Mass Immunization Clinic

November 3-5, 2009

- 10,194 vaccines administered (24 hours total)
 - ? Maximum wait time ~2 hours
 - ? Minimum wait time 15 minutes
 - ? Maximum waiting line: 754
 - ? Maximum hourly throughput: 743
- 40 Clinicians provided vaccines each day
 - ? Health Department Staff
 - ? Maxim® Healthcare (Contract Nurses)
 - ? Volunteers



Lessons Learned

- Changing public perception of H1N1 and uncertain vaccine supply required flexible vaccination plans
 - ? Clinic type (walk-in, school-based, appointment, etc.)
 - ? Eligible populations (priority groups versus general population)
 - ? Use of private entities
- Long-term planning and exercises were essential
 - ? “Point of Distribution” POD Clinical model development for Bioterrorism response
 - ? Local relationships and partnerships
- Critical decisions required an organized system
 - ? Local engagement with key stakeholders
 - ? State and Local Health Department Communication required a bi-directional flow of information

Acknowledgements

- Dallas County Health and Human Services Staff
- Volunteers
- Area health providers and clinics

