

★ National Influenza Summit
2008-2009 ★

**Healthcare Personnel Campaign
Children's Hospitals and Clinics
of Minnesota**

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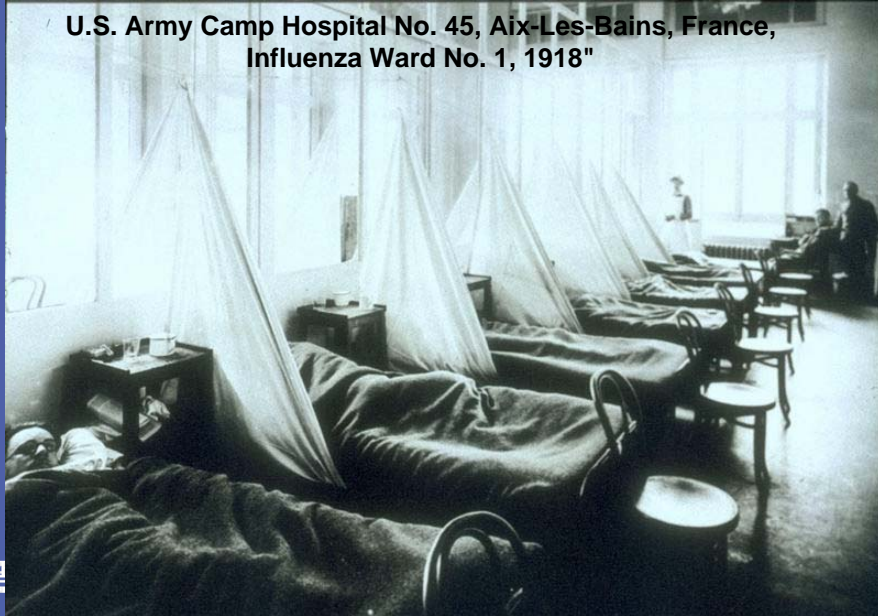
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★ U.S. Army Camp Hospital No. 45, Aix-Les-Bains, France,
Influenza Ward No. 1, 1918" ★





 **Children's Hospitals and Clinics of Minnesota** 

- **6th largest Children's hospital in US**
- **Located in Minneapolis/St. Paul metropolitan area**
- **300 acute care beds; over 50% are critical care (NICU, PICU)**
- **Tertiary pediatric care to upper-midwest**
- **Attached primary and specialty care clinics**
- **Off-site ambulatory surgery centers**

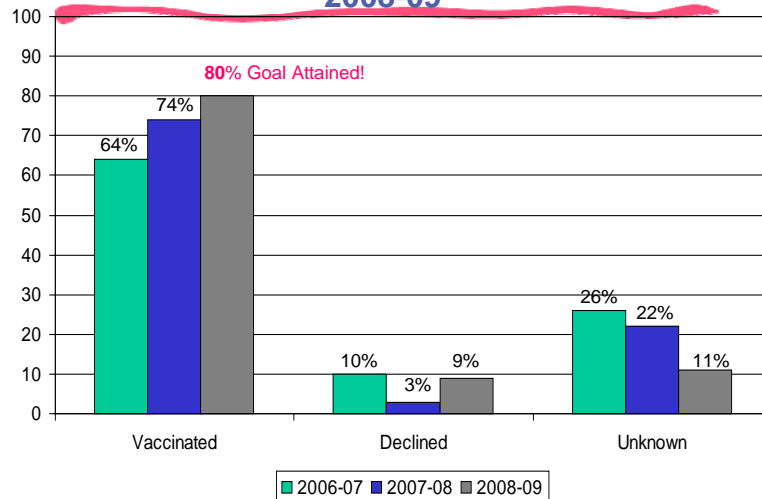



 **Children's Hospitals and Clinics of Minnesota, cont.** 

- **Over 4000 employees including:**
 - Nursing staff
 - Administration
 - Employed physicians and advanced practice registered nurses (APRNs)
 - Support staff
- **Over 1500 non-employed physicians and APRNs with privileges**
 - Community providers
 - Non-employed providers who practice almost exclusively at Children's

Influenza Vaccination Rates Children's Hospitals and Clinics, 2006-07, 2007-08, and 2008-09



*Rates calculated by total number vaccinated at Children's or elsewhere divided by total department staff minus staff contraindicated for influenza vaccination
 Significant increasing trend for vaccination rate over 3 years



* Influenza Vaccination Interventions

- Pre-season education and marketing to promote vaccination
- On-site vaccination clinics for all staff on all shifts
- Roving vaccination carts to floors
- Flu deputy program
- Provided at staff meetings
- Available throughout the influenza season at the Occupational Health Clinic
- Flu Vax Trax



FluVaxTrax™ Worked Well ☺



FluVaxTrax™

- **Internal web-based application**
- **ASP with a SQL server database**
- **Highpoints**
 - Based on employee ID
 - Determined injectable/nasal eligibility
 - Auto-generated email-proof for others
 - Thank you with date/time of vaccination
 - Decliners urged to reconsider
 - Vaccine declination form for decliners

Immunization Thermometer

- Reflected real-time immunization rates, as well as declinations
- Posted on Children's Intranet throughout flu season

2007 Employee Flu Vaccination Rate

100%	
90%	
80%	
70%	
60%	64%
50%	
40%	
30%	
20%	
10%	
0%	

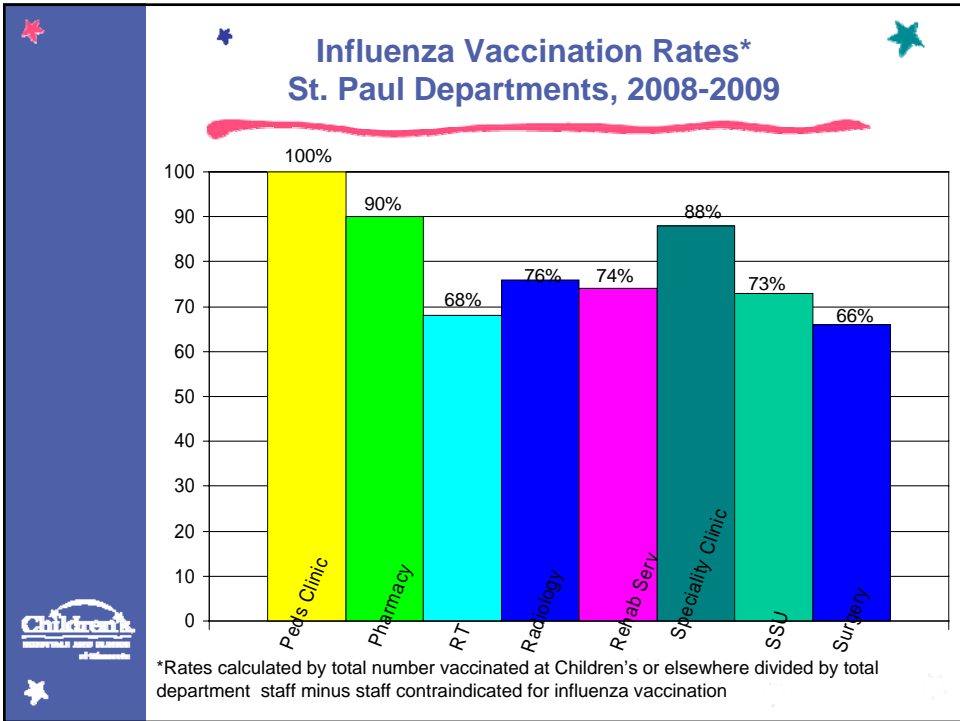
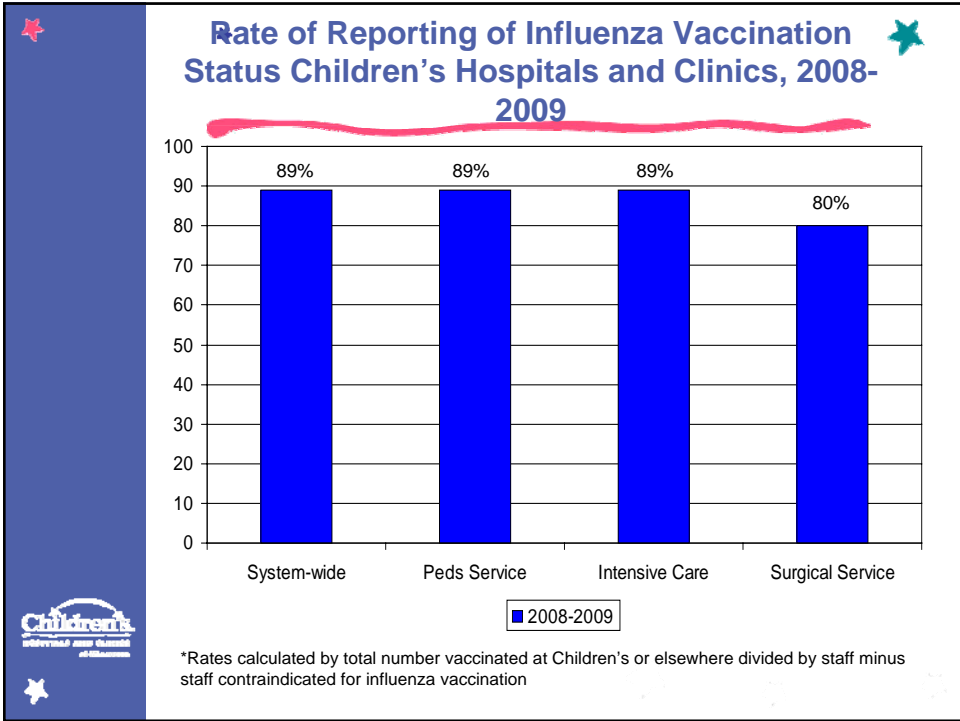
An additional 3% declined

Influenza Vaccination Rates* Children's Hospitals and Clinics, 2008-2009

Category	Rate (%)
Vaccinated	80%
Declined	9%
Unknown	11%
Ped Service Vaccinated	81%
Intensive Care Service Vaccinated	80%
Surgical Service Vaccinated	64%

■ 2008-2009

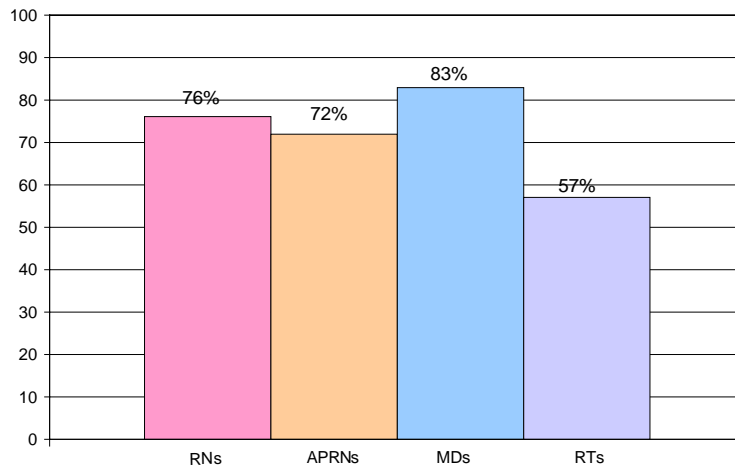
*Rates calculated by total number vaccinated at Children's or elsewhere divided by staff minus staff contraindicated for influenza vaccination



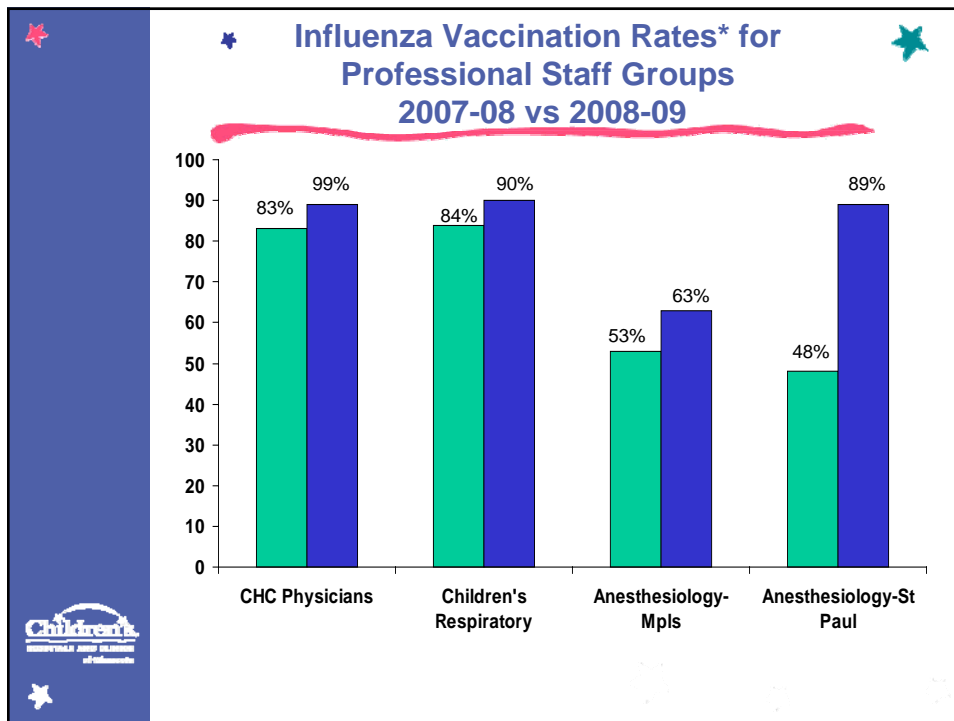
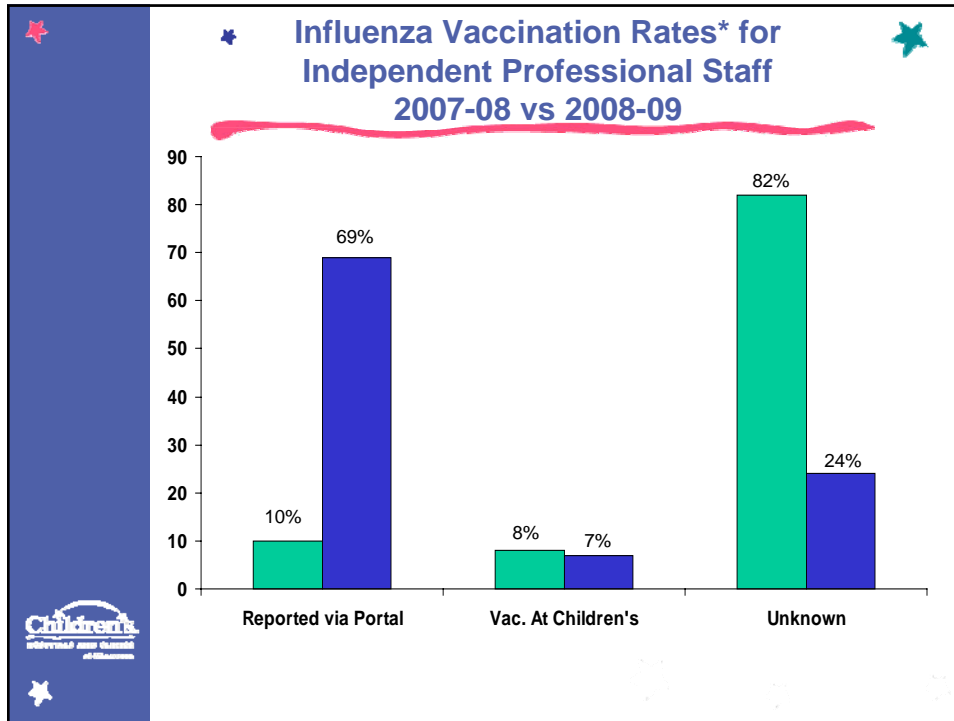
Happy, Healthy Customers ☺



Influenza Vaccination Rates* by Job, 2007-2008





*Rates calculated by total number vaccinated at Children's or elsewhere divided by total department staff minus staff contraindicated for influenza vaccination



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Conclusions

- **Success! Initial Goal Achieved**
- **Timely feedback to departments very helpful**
- **Improved vaccination rate by 13% with automated real-time feedback**
- **Happy staff!**
- **Healthy staff!**
- **Healthy patients!**

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Thank You! Questions?





