



**National Infant
Immunization Week**

**IMMUNIZATION.
POWER TO PROTECT.**

San Antonio Metropolitan Health District 2014 Immunization Meeting

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**CITY OF SAN ANTONIO
METROPOLITAN HEALTH DISTRICT**

Welcome

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 - San Antonio Immunization Registry
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Program Goals

- The program goals are aligned with Healthy People 2020 goals:
 - Reduce, eliminate, or maintain elimination of cases of vaccine-preventable diseases.
 - Achieve and maintain effective vaccination coverage levels for universally recommended vaccines among young children. Target is 90%.
 - Increase routine vaccination coverage levels for adolescents.
- Achieve the highest immunization coverage rates in the country by 2016.

Vaccines for Children Program

- The VFC program was established after the resurgence of measles in 1990 to ensure that no child is infected with a vaccine preventable disease due to a parent's inability to pay for vaccine.
- VFC is the largest public/private partnership between public health and private health care providers.
- In 2013 619,585 doses of vaccine were shipped to 211 VFC provider locations.

Provider Education, Quality Assurance and Assessment

- Vaccine recommendations and schedules are complex and frequently updated.
- State requirements for day care, school and college entry change.
- Safe and effective immunization requires:
 - Appropriate vaccine storage and handling
 - Administration of the right vaccine to the right person by the right route of administration at the right time
- In 2013 the VFC team conducted 243 immunization education sessions and 202 site visits at provider locations.
- 153 provider offices reached or exceeded the Healthy People 2020 goal of 90% coverage for recommended vaccines for young children.

San Antonio Immunization Registry

- Metro Health has maintained an immunization information system **SAIRS** since 1980.
- SAIRS contains over 1.5 million client records making it a crucial tool for tracking immunization records of a mobile South Texas population across the lifespan.
- Until 2011 SAIRS was read only access outside of Metro Health clinics, where providers mailed consents that were entered manually.
- Today SAIRS is web based enabling providers to enter patient immunizations directly, or via electronic medical records systems using Health Level 7 messages.

Immunization Outreach and Education Program

- IOEP provides vaccination information and education to health care professionals and the public.
- The San Antonio Immunization Collaborative, IZSA, was formed by the IOEP team 7 years ago to increase immunization awareness across the community.
- The team coordinates Metro Health's Back-To-School drive in August to help parents and students prepare for the start of school.
- In the fall IOEP organized 6 school-based flu clinics for pre-school aged children.
- The High Risk Hep B Pilot has provided the Hep B vaccine to over 1,070 qualifying adults to protect them from infection.
- Café College has assisted 2,227 qualifying college students to receive the meningitis vaccine through an initiative launched by the Mayor's office and Metro Health in 2012.

Immunization Clinic Services

- Metro Health clinics offer ACIP recommended vaccines for children and adults.
- Federal and State funded vaccines are available for eligible children and adults at low cost or no cost.
- City funded vaccine is available for children and adults not eligible for vaccines supplied by CDC or the State on a fee for service basis.
- The clinic was relocated from downtown to the near west side last year.
- Main Immunization Clinic, 1226 N. W. 18th Street, 210-207-8894

Clinic Services Continued

- In 2013 13,399 clients were vaccination with 28,824 doses of vaccine.
- The clinic provides tuberculosis testing and immunization record searches in SAIRS and the state immunization registry ImmTrac.
- The Rabies Prevention and Control nurse reviewed 2,384 bite reports, 1,083 bite victims were contacted to ensure that that had received appropriate protective treatment.

Vaccine Preventable Disease Surveillance

- Metro Health's VPD team is led by an Epidemiologist that receives reports from area hospitals and physician offices of reportable diseases.
- The team investigates VPD reports following state and CDC protocols to determine dates of onset, vaccination history, exposure, and travel history.
- As indicated blood samples are sent to the state laboratory to confirm VPD diagnosis.
- Prophylaxis treatment is provided to the client and family members to prevent the spread of disease.
- In 2013 there were 240 confirmed/probable VPD cases in San Antonio and Bexar County.

Perinatal Hepatitis B Prevention Program

- The Perinatal Hepatitis B Prevention Program (PHBPP) case manages newborns whose mothers are positive for the Hep B virus.
- The team educates hospital staff regarding the state requirement to test, report, and how to prevent the spread of HBV from mother to baby. Education is also provided to physicians.
- Infants of positive mothers are followed to ensure that they received the Hepatitis B immune globulin and the first dose of Hep B vaccine while in the hospital.
- The PHBPP team contacts the mothers to educate them on protecting their infant, family members, and sexual partners from becoming infected with HBV.
- In 2013 the team followed 41 infants to ensure they received subsequent doses and serology testing to confirm that the baby has become immune from the hepatitis B virus.

Challenges and Opportunities

- Increases in Pertussis, measles, meningitis, and mumps
- Vaccine safety concerns and vaccine hesitancy
- Increased accountability for public vaccine
- Affordable Care Act
- HPV vaccination is the key to cervical cancer prevention. Results from a study in Australia show that the vaccine reduces high grade cervical abnormalities by 46%.
- New vaccine technology



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Thank You!



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