

Aurora Firefighters Shots for Tots Program

Hage, C.; Kuiper, A.; Spencer, M.; Scott, S.; Trefren, L.; Wilcox, D.



A collaboration between the Aurora Fire Department (AFD), Tri-County Health Department (TCHD) and Colorado Children's Immunization Coalition (CCIC) to provide immunizations for the community.

What is the Need?

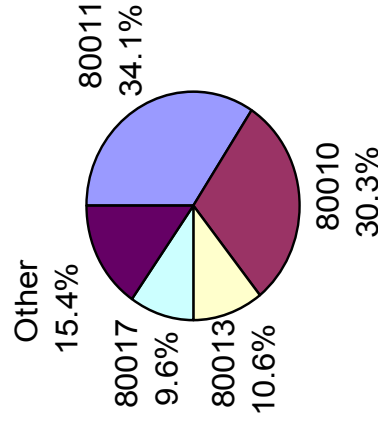


- Colorado is ranked 34th in the country with an up-to-date rate (4 DTaP: 3 Hib: 1 MMR: 3 Polio: 3 Hepatitis B) for 2-year-olds of 71.5% (Goal = 90%).
- Aurora has an up-to-date rate for 2-year-olds of 70.9% (Goal = 90%). And a late start rate for 2-year-olds of 17.9% (Goal = 10%).
- 42% of Aurora Public School's student population qualifies for free or reduced lunches.

Pocket of Need Areas

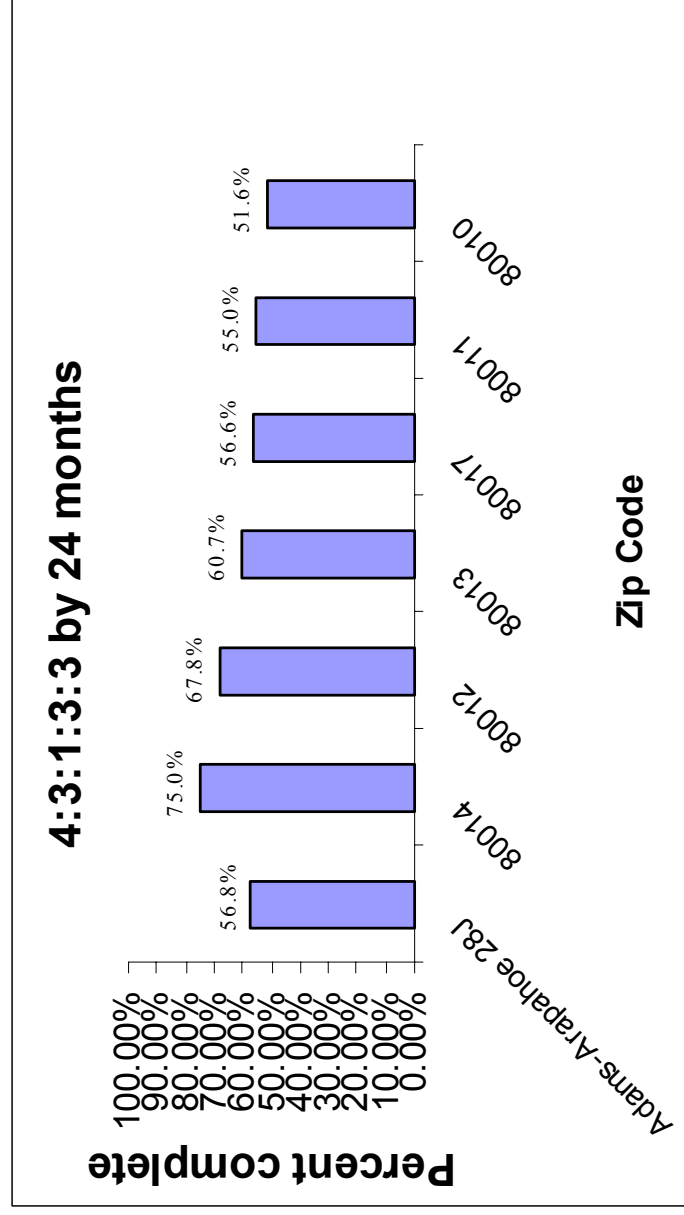
- A 2002 study showed that 1/3 of 6-year-old Early Childhood Education Participants in Aurora Public School District were still missing at least one immunization in February of 2002. Where do those kids live?

APS Study Results



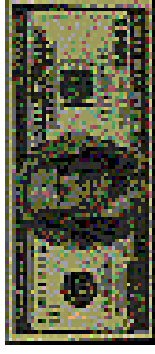
Pocket of Need Areas

- The same study indicated 80010 and 80011 the greatest pocket of need areas in Aurora because of their up-to-date rates of 51.6% and 55.0%, respectively.

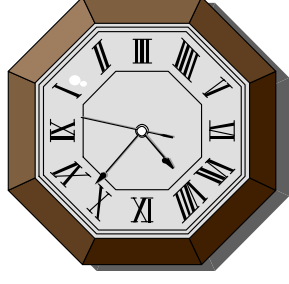


Parental Immunization Barriers

- Location of Clinic



- Cost



- Clinic Hours



- Transportation

- Fear of Health Care System



- Language



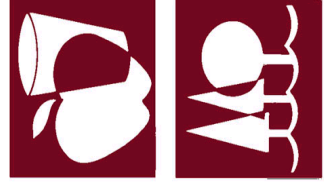
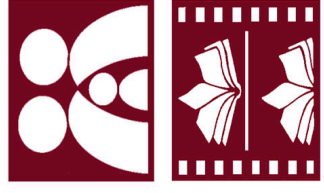
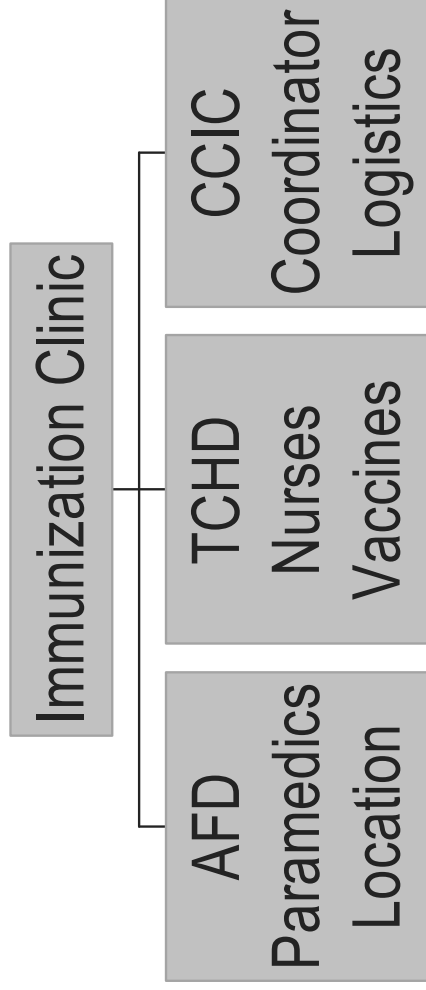
- Unsure of where to go

Our Approach



- Idea came from Phoenix's Baby Shots Program.
- Hold low-cost, weekend immunization clinics in a central location to provide immunizations to all children in the community. Have the firefighters administer the shots to the children.
- Location = Fire Station (80010 & 80011)
- Frequency = Once a month to begin.

Roles of Main Partners



COLORADO
CHILDREN'S
IMMUNIZATION
COALITION

Approval Process



- Colorado Children's Immunization Coalition
 - 25% Community Initiative
 - Director Approval
- Tri-County Health Department
 - Off-Site Immunization Clinics
 - Director Approval
- Aurora Fire Department
 - Scope of Practice Waiver
 - Chief Approval

Paramedic Training



- Need in Aurora
- Documentation
- Standards for Pediatric IZ
- Adverse Reactions
- Practices
- Vaccine Storage and Handling
- Epi of Disease
- Universal Precautions
- Scheduling
- Hands On Learning
- Screening
- 2 Quizzes
- VIS
- IZ Administration
- Skills Checklist

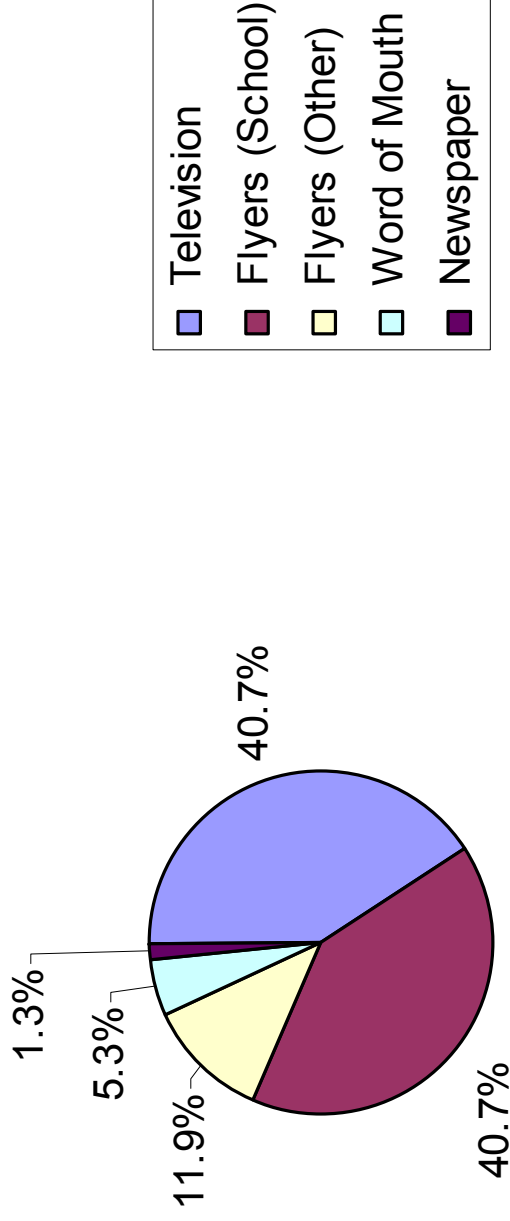
Publicity



- Flyers
- Newsletters
- Media
 - Television
 - Newspaper
 - Radio
- Awards & Conferences

Publicity Results

Responses to Query: "How did you hear about the clinic?"



Donations & Fundraising

- Rewards for Kids
- Incentives
- Banner and Flyers
- Food
- Grants



Flow of Clinic

- Paperwork, Copy of IZ Record and Pay
- Nurse Screens Patient, fills in Administration form and gives VIS
- Paramedic administers vaccines
- Parent receives post IZ information

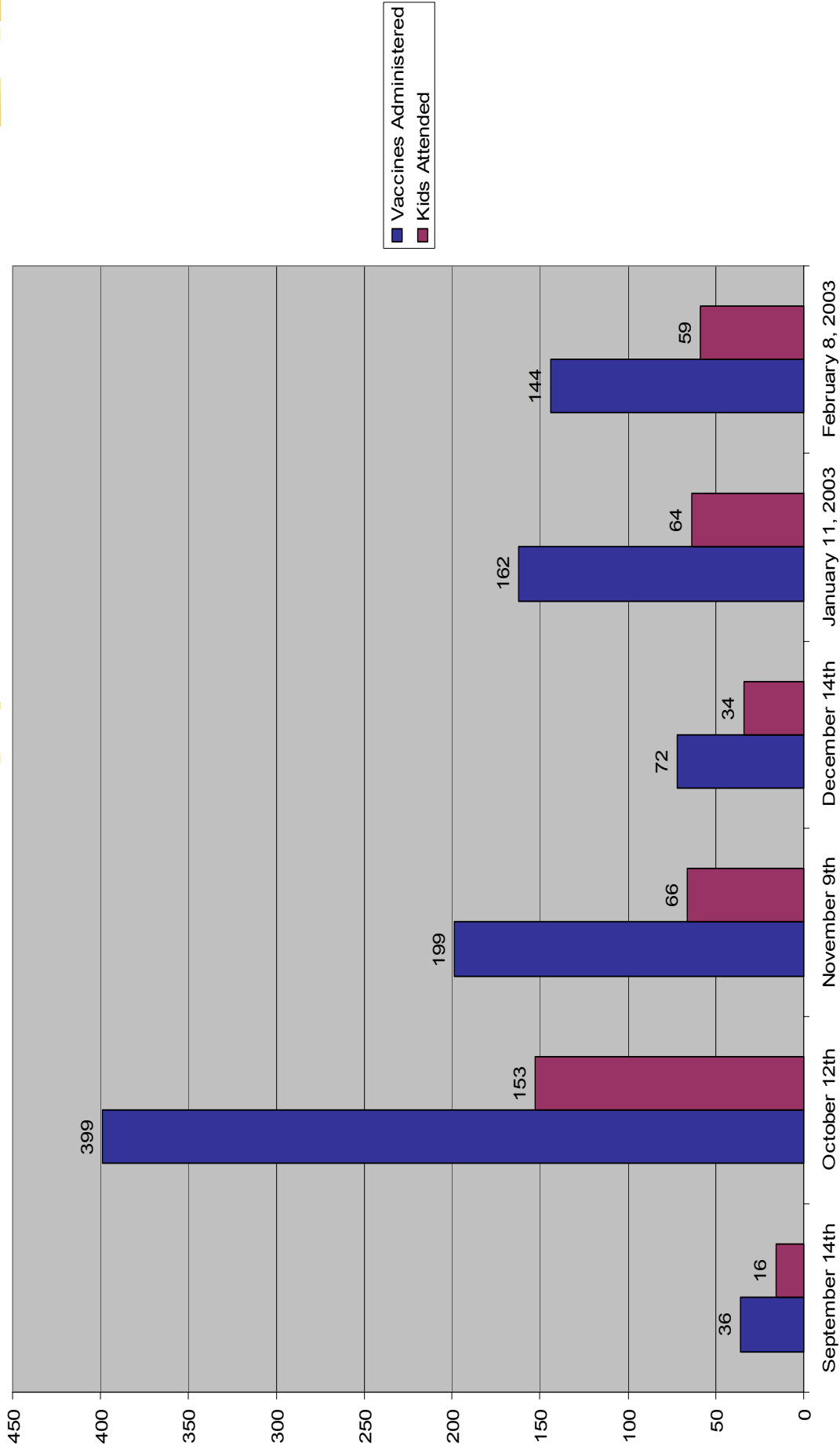


Flow of Clinic



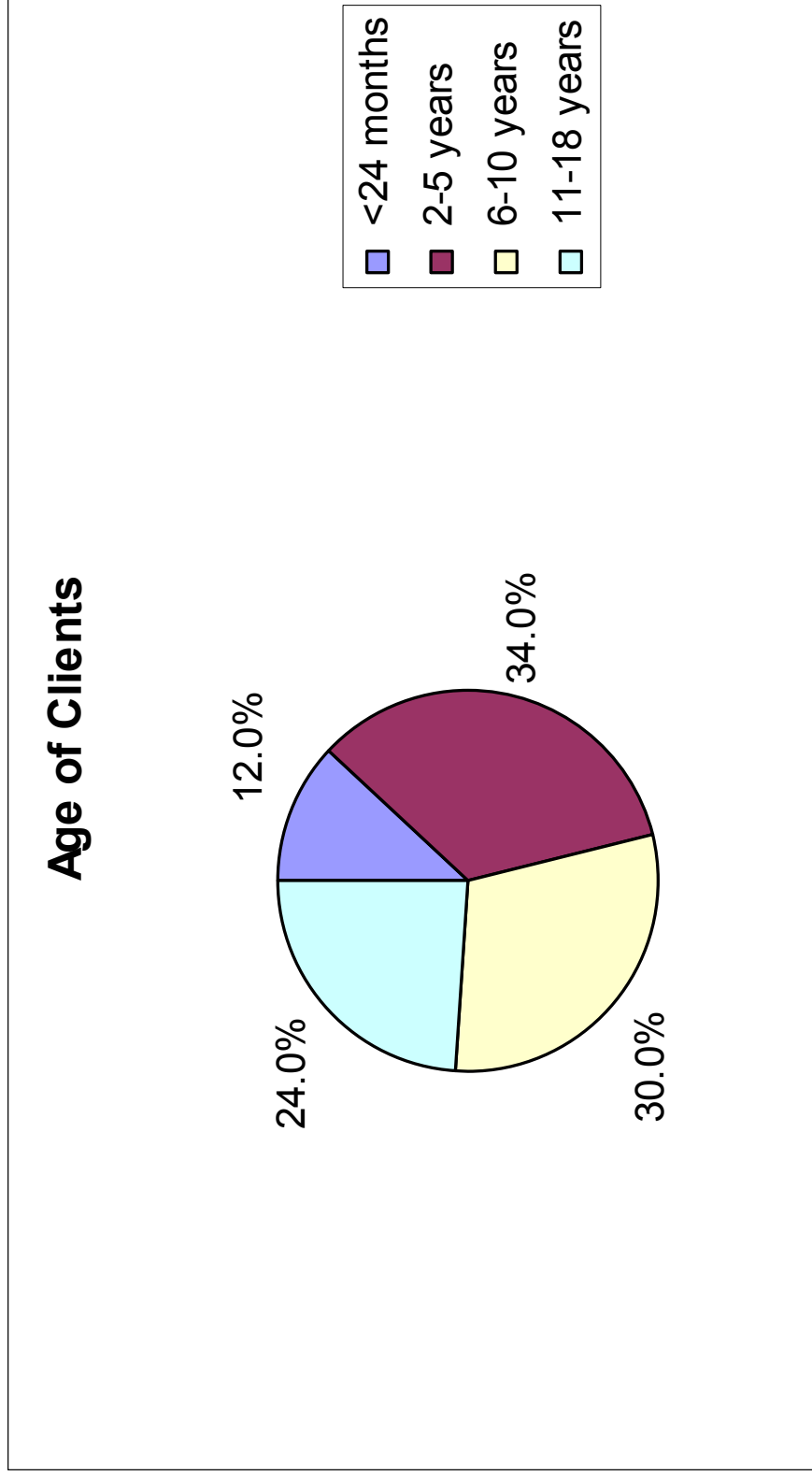
- Child receives reward (FD Teddy Bears)
- Family receives tour of a fire engine
- Child receives a picture with a firefighter
- Family receives a reminder postcard specific to their child

AFSFT Clinic Attendance Graph



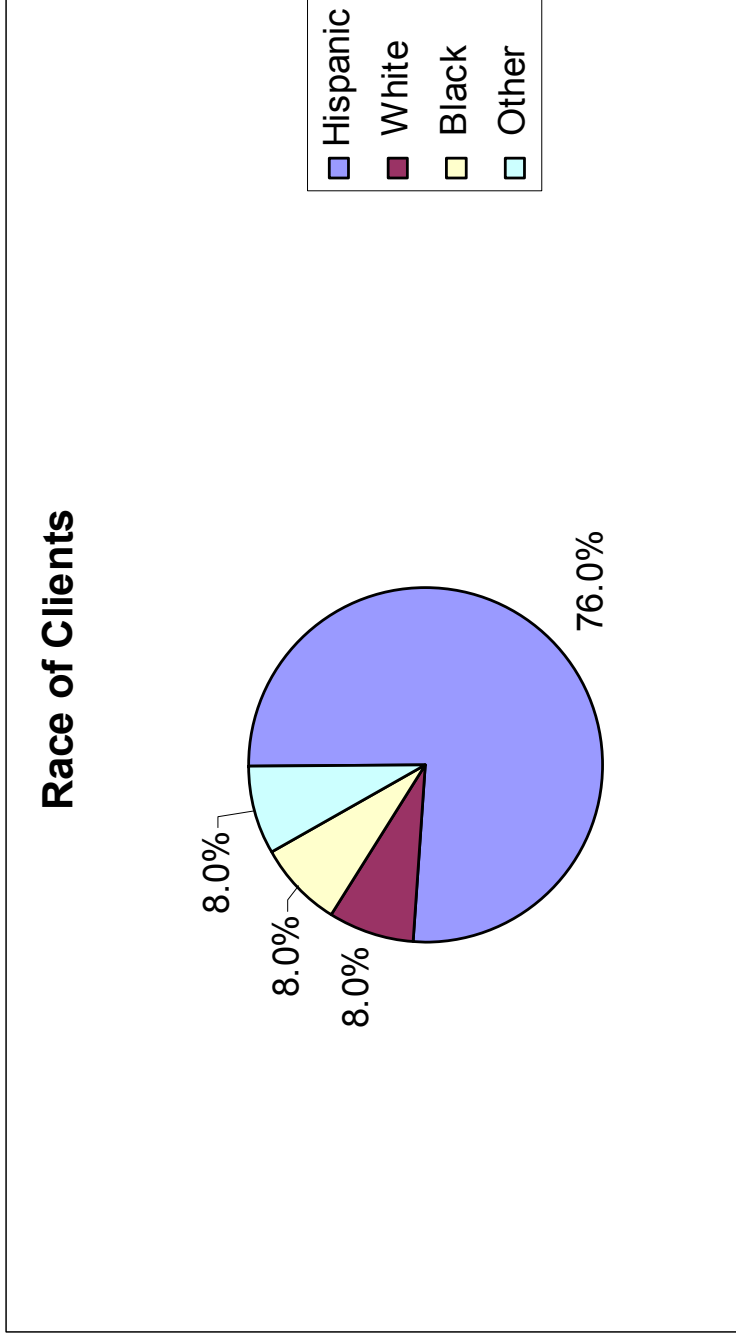
AFSFT Clinic Statistics

Random Sample of 50 patients



AFSFT Clinic Statistics

Random Sample of 50 patients

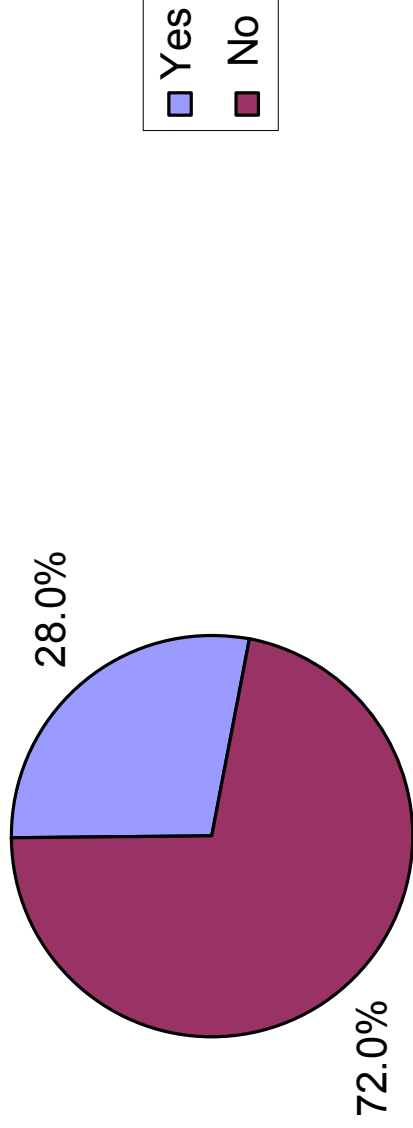


- Aurora Hispanic/Latino Growth Rate from 1990-2000 was 270.8%.

AFSFT Clinic Statistics

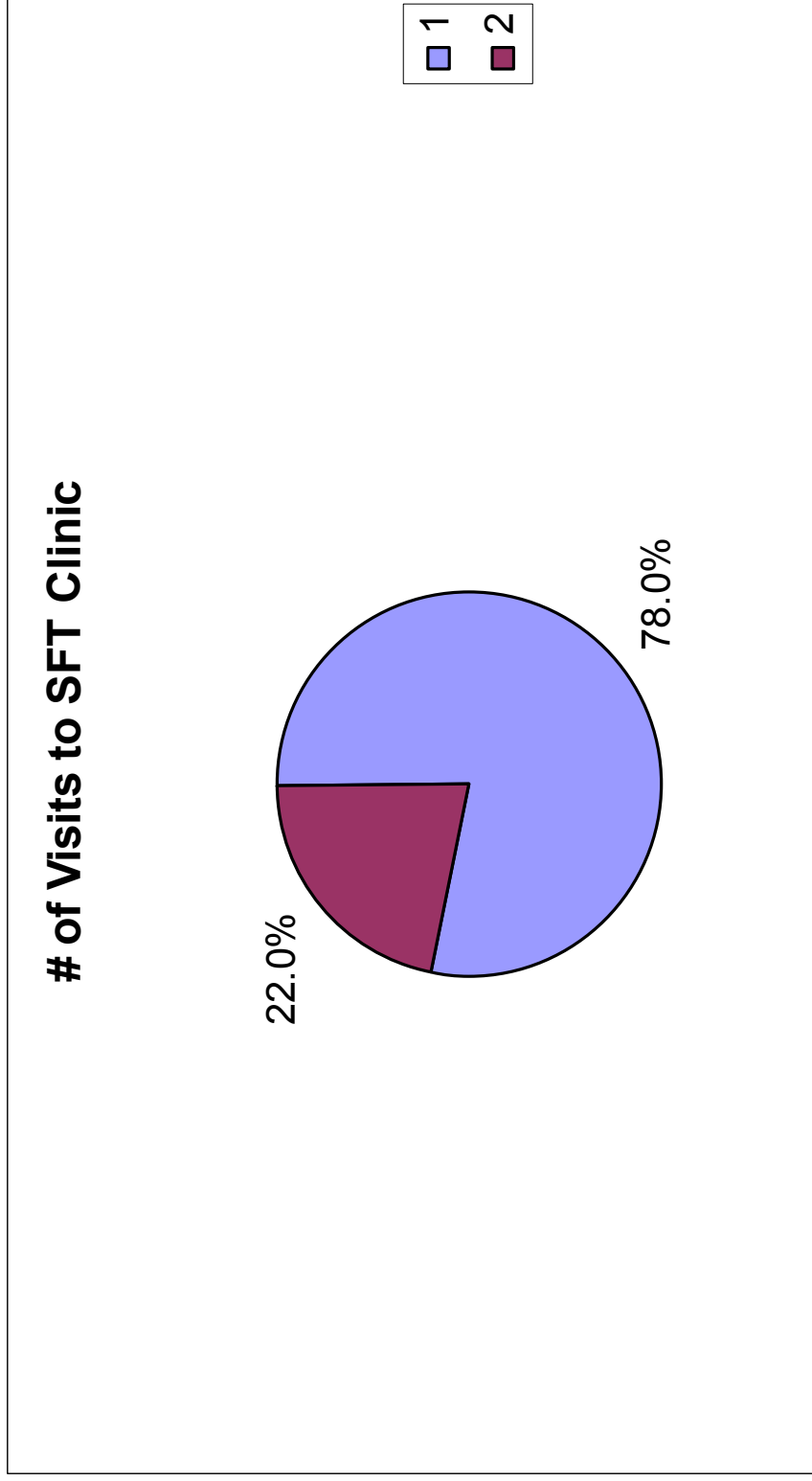
Random Sample of 50 patients

Previous Visit to TCHD?



AFSFT Clinic Statistics

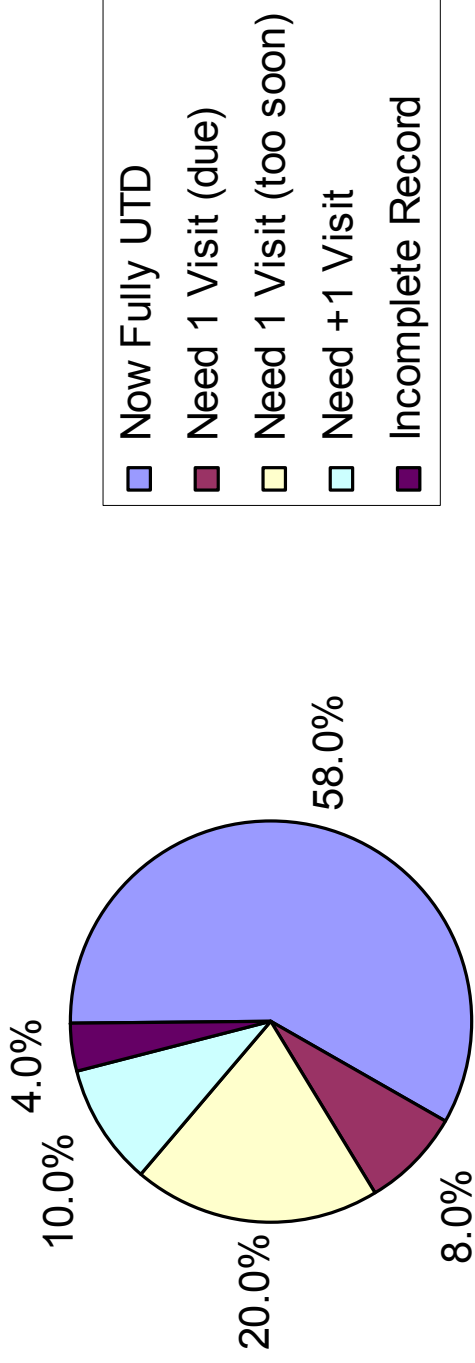
Random Sample of 50 patients



AFSFT Clinic Statistics

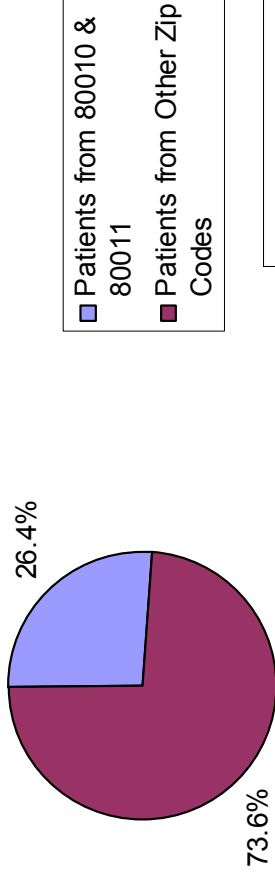
Random Sample of 50 patients

Immunization Status After Clinic Visit(s)

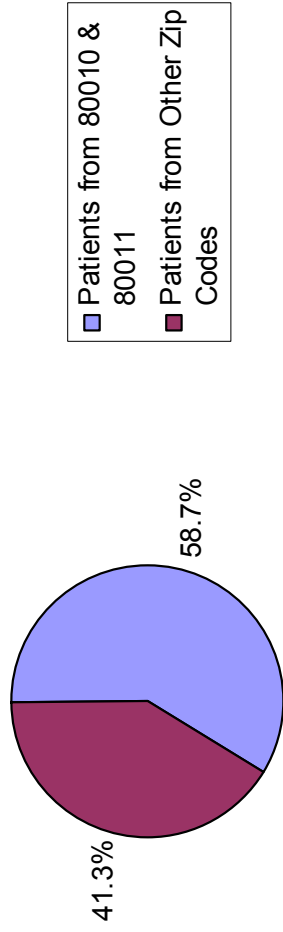


Are We Reaching the PON Areas?

Aurora TCHD Office for 2002

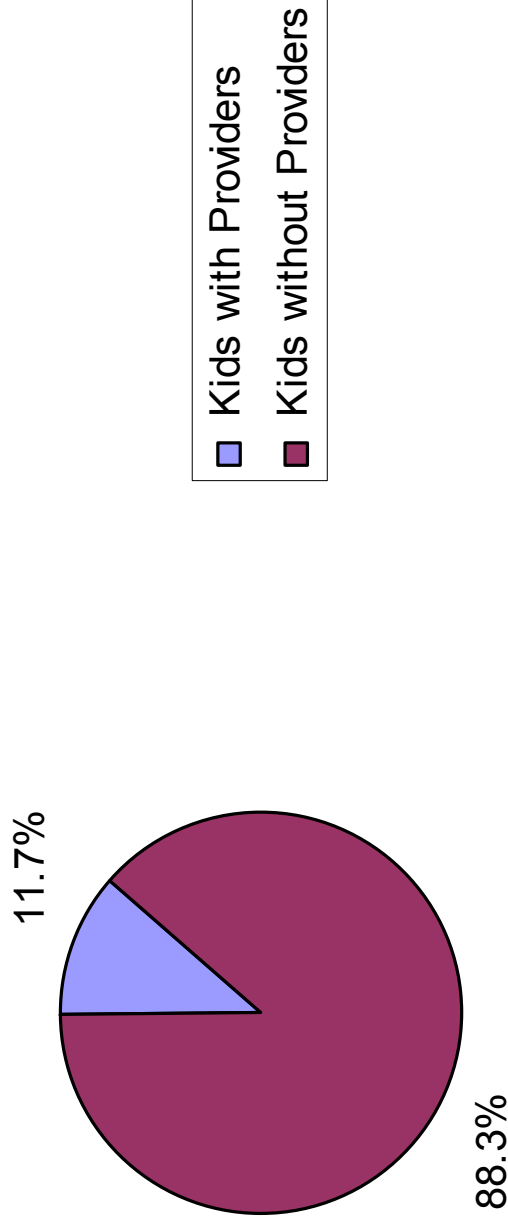


AFSFT Clinic 9/02 - 2/03



Are We Reaching the PON Areas?

AFSFT Clinic Provider Information




Conclusions



- We are improving the immunization status of the children within Aurora.
- We are reaching the growing Hispanic Population in our community.
- We are complimentary to TCHD's other IZ clinics.
- We are achieving the goal of reaching the kids in the PON areas.
- We, the 3 main organizations, are effectively collaborating to complete our mission.

Do you want to start a similar program in your State?



- Implementation Manuals available. Hard copy is \$5.00 per manual. Soft copy is free. Please contact Amy Kuiper if you are interested.
- Contact Amy Kuiper at (303) 995-6677 or amyjkuiper@msn.com if you have additional questions about the program.