

IUSD Specialist Program: Science

February 9, 2010





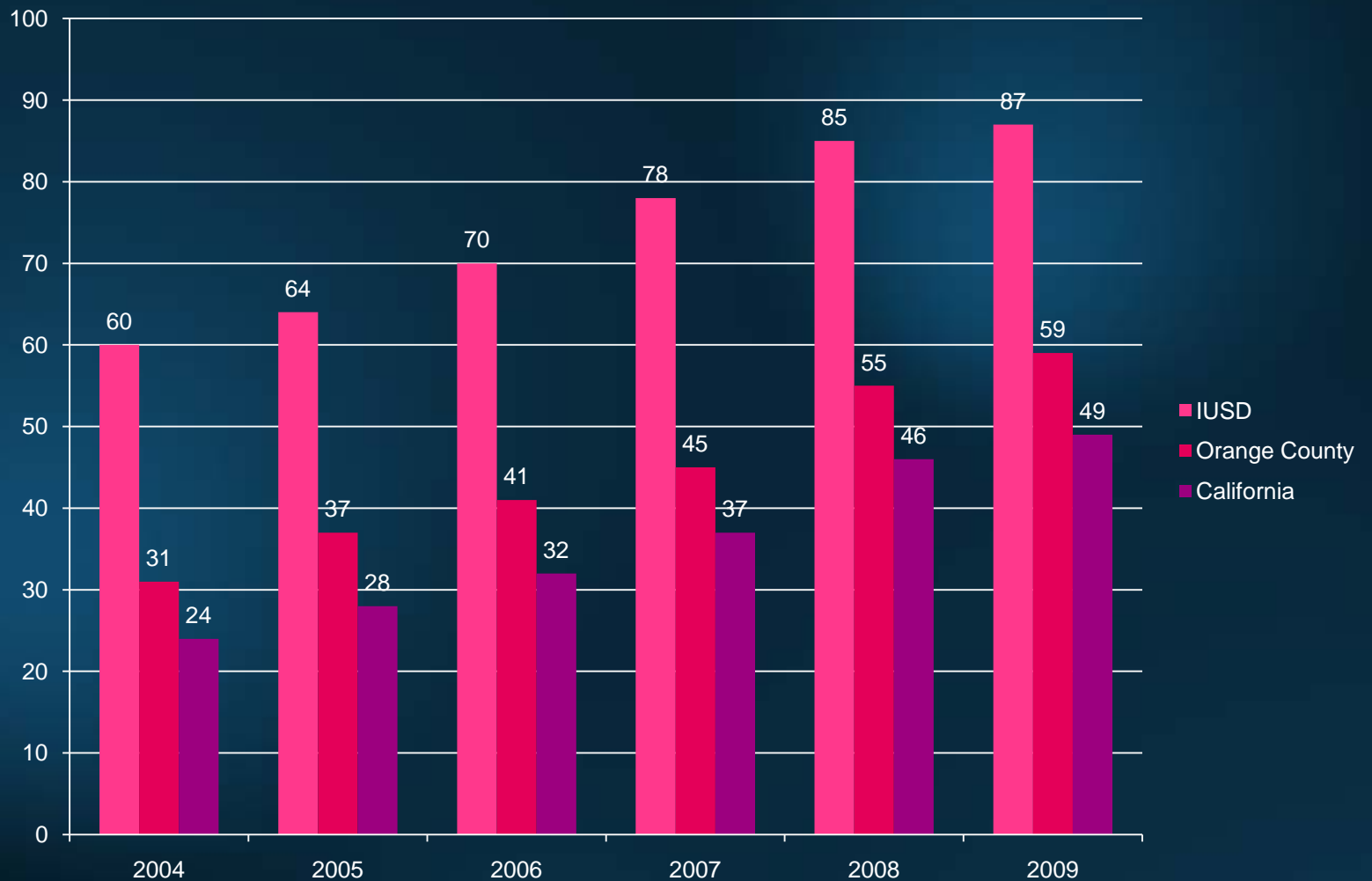
Program Description

- Current:
 - 4th, 5th 6th Grade
 - 120 Minutes Per Week
 - Staffing:
 - 18.7 FTE
 - \$1,728,000
- TIC Donation:
 - 4th, 5th, 6th Grade
 - If each grade level is reduced equally, then 60 Minutes Per Week (50% Reduction in Instructional Time)
 - Exact Program Delivery Model to be determined
 - If equal across all grade levels, each Science Specialist sees 21 classrooms of students each week
 - Staffing
 - 10.2 FTE
 - \$1,000,000

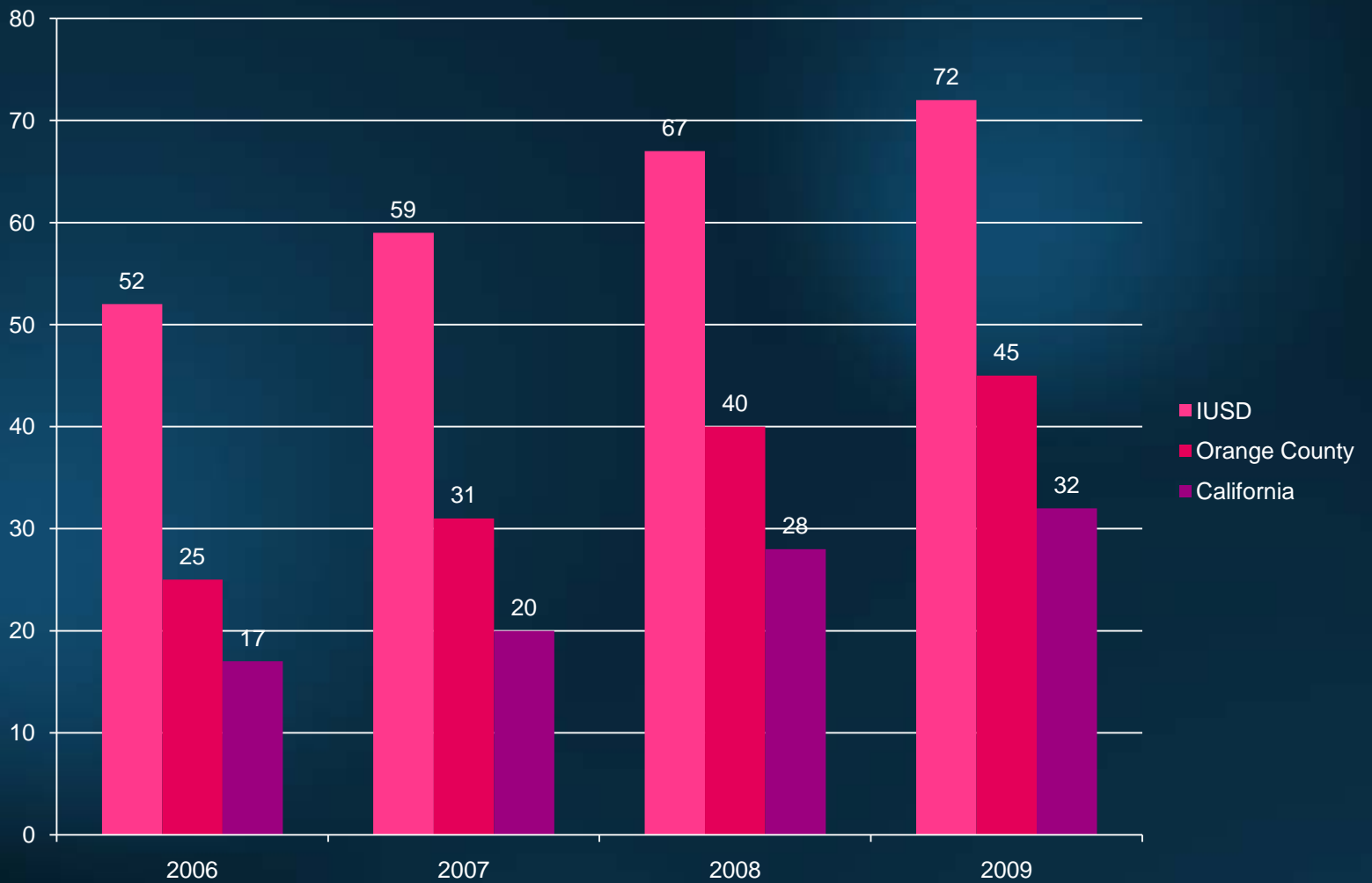
Student Survey Data

Question	% Strongly Agree or Agree	% Disagree or Strongly Disagree
1. I like my science class that is taught by a Science Specialist.	94.3%	5.7%
2. I like to do science experiments with my Science Specialist.	96.2%	3.8%
3. Science class with my Science Specialist is interesting.	89.5%	10.5%
4. Science with my Science Specialist is my favorite subject.	57.5%	42.5%
5. I think learning science now will help me when I become an adult.	85.9%	14.1%
6. I wish we had more class time with my Science Specialist.	70.9%	29.1%
7. We talk about my science class at home.	57.8%	42.2%
8. I feel successful in my science class.	88.4%	11.6%
9. The things I learn in science class are useful outside of school.	80.4%	19.6%
10. I enjoy doing science experiments with my Science Specialist more than I enjoy reading the science textbook.	94.9%	5.1%

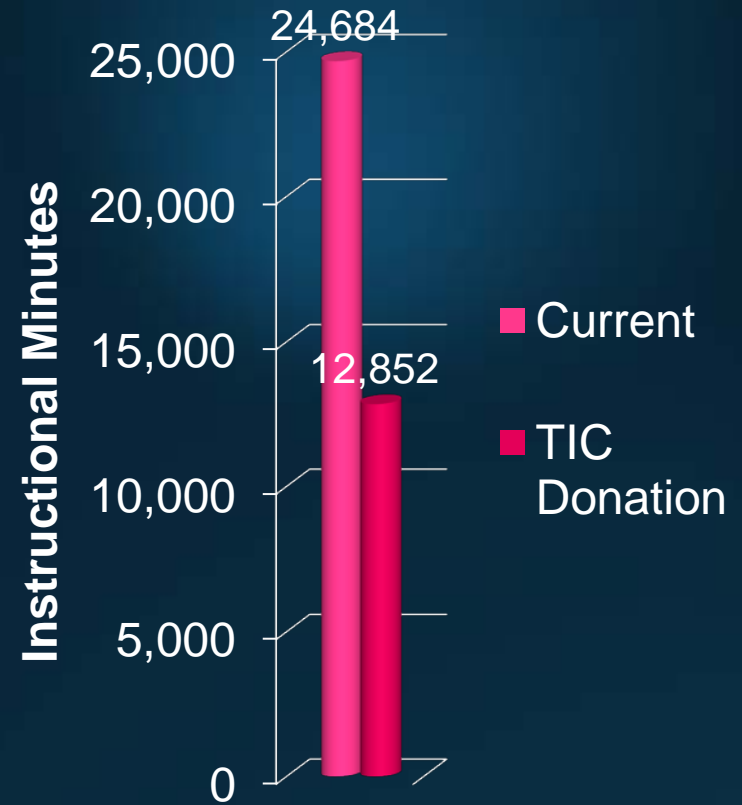
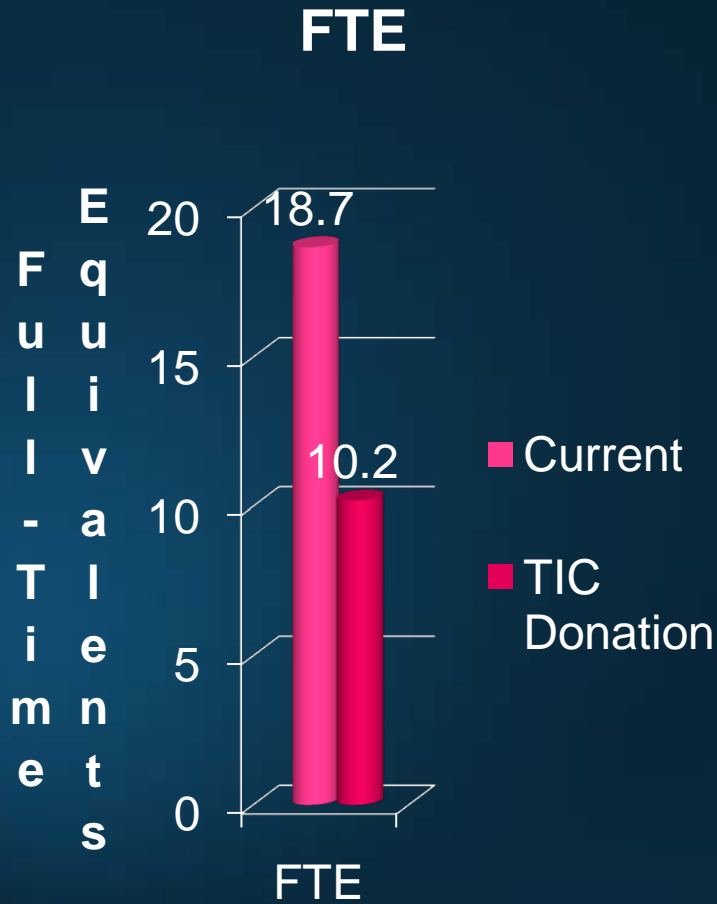
5th Grade Science CST: Percent Proficient/Advanced



8th Grade Science CST Percent Advanced



Impact to Program





Impact of Program Reduction

- Program described is for 2010-2011. As enrollment grows and the \$1 M donation remains constant, there will be more classes of students with the same number of Science Specialists.
- Possible elimination of Ask-A-Scientist Night and District Science Fair
 - Impacts high school students ability to enter County Science Fair
- May reduce participation in Astounding Inventions
 - Many Science Specialists are site coordinators



Impact of Program Reduction

- Will require a change in report card grading practices
 - Increase in number of students from approximately 352 to as many as 672 students per week
- May require several different bells schedules at each elementary school
- May impact the implementation of the Sustainability Curriculum
- May reduce the number of Astronomy Nights/Family Science Nights, Field Trips, and coordination of guest speakers that are currently coordinated by Science Specialists



Impact of Program Reduction

- More classes each week for the Science Specialists increases travel between sites and reduces flexibility in scheduling
 - May impact site's ability to schedule
 - Library/Media
 - RTI
 - Computer Lab
- Will increase the amount of time 4th - 6th Grade classroom teachers will need to teach science (making up for the loss of instructional time provided by the Science Specialists)



Revenue Options

- IRWD Easement at Harvard/Barranca
 - Uses one-time money for ongoing program
 - Depletes reserve account
 - Allows for continuing “bedrock” programs in IUSD
- Voluntary lab fee donation
 - Offset cost of materials for hands-on science
- Tier III Categorical Funds
 - Reduce size of program reduction