

# **Local Health Department Adapts to Emergency Response**

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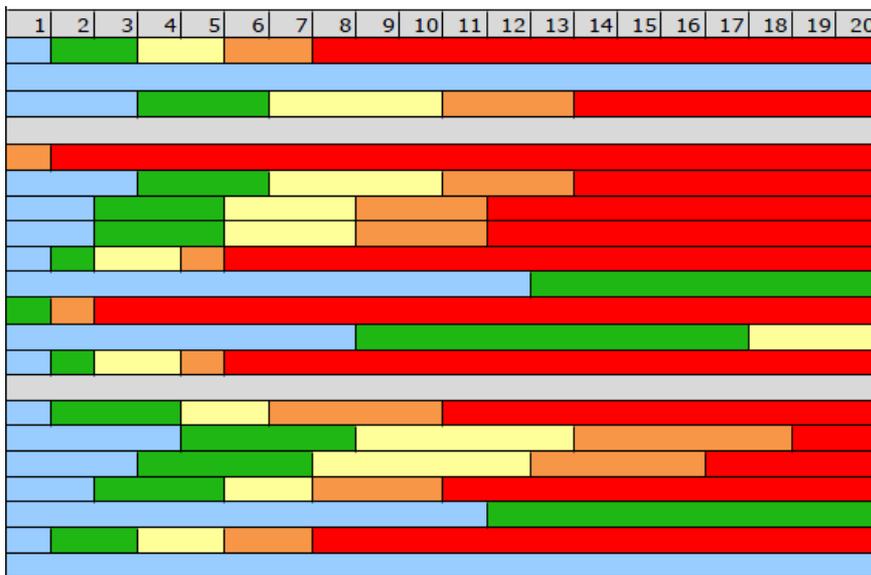
# Public Health System Indicators Project

- \* Public health preparedness research project
- \* Collaboration between Dr. Russell Schuh at the University of Pittsburgh and Bruce Pomer, HOAC
- \* Assesses the degree local public health departments must alter normal activities to respond to emergencies
- \* Health Department responses to H1N1 and Measles outbreak

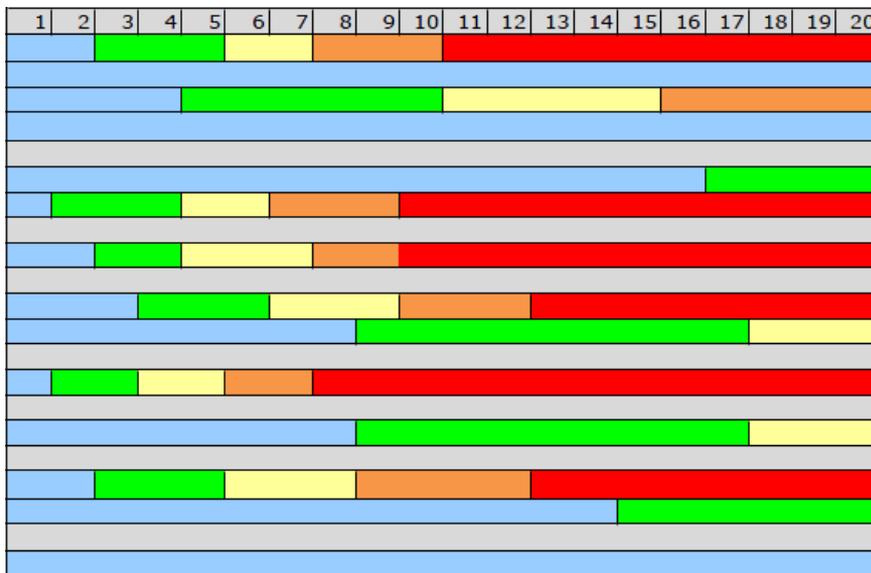
# Public Health System Indicators Project

- \* Riverside County Application of the Adaptive Response Metric (ARM)- now termed Indicator for Stress Adaptation Analytics (ISAAC)
- \* Budget and staffing data provided for FY 2008/09 and FY 2012/13
- \* Significant organizational changes occurred during this timeframe

2012/13



2008/09



# Impacted Programs

2008/2009		Budget (\$)	FTE
	Disease Control/ STD/Immunizations	10,027,000	85
	Public Health Nursing	8,681,000	74
	PHEPR	6,500,000	28
2012/2013			
	Disease Control	3,023,500	18
	Immunizations	716,000	8
	Public Health Nursing	8,019,000	60
	PHEPR	4,951,000	22

# Building Organizational Resilience

- \* All Licensed and paraprofessional staff trained for emergency response
- \* All Nurses- Disease Control, Public Health Nursing, Immunizations, California Children's Services- Trained
- \* Participation in disaster exercises
- \* Just-in-time training
- \* Emergency response plans exercised and activated
- \* Medical volunteers and partners

# Emergency System Activation for TB Skin Testing Clinic at a High School

- \* Time line:
  - \* November 20- Active case of TB identified in a student
  - \* November 21-December 15 identified individuals (teachers, students, staff) potentially exposed
  - \* December 16 TST clinic and 198 contacts tested
    - \* 115 negative; 2 history; **59 positive TST**; 22 needed follow-up
  - \* December 16-18- eight (8) chest x-rays required further review by MD, 4 required follow-up

# Emergency System Activation for TB Skin Testing Clinic at a High School

- \* December 19, 2013
- \* Riverside County Health Officer determines additional testing is needed
  - \* Large scale TST clinic at high school on December 20<sup>th</sup>
- \* Rapid Response Team call at 0800 hours
- \* Department Operations Center activated 0900 hours
- \* Coordination established with City of Indio, School District, Office of Emergency Services, Mental Health

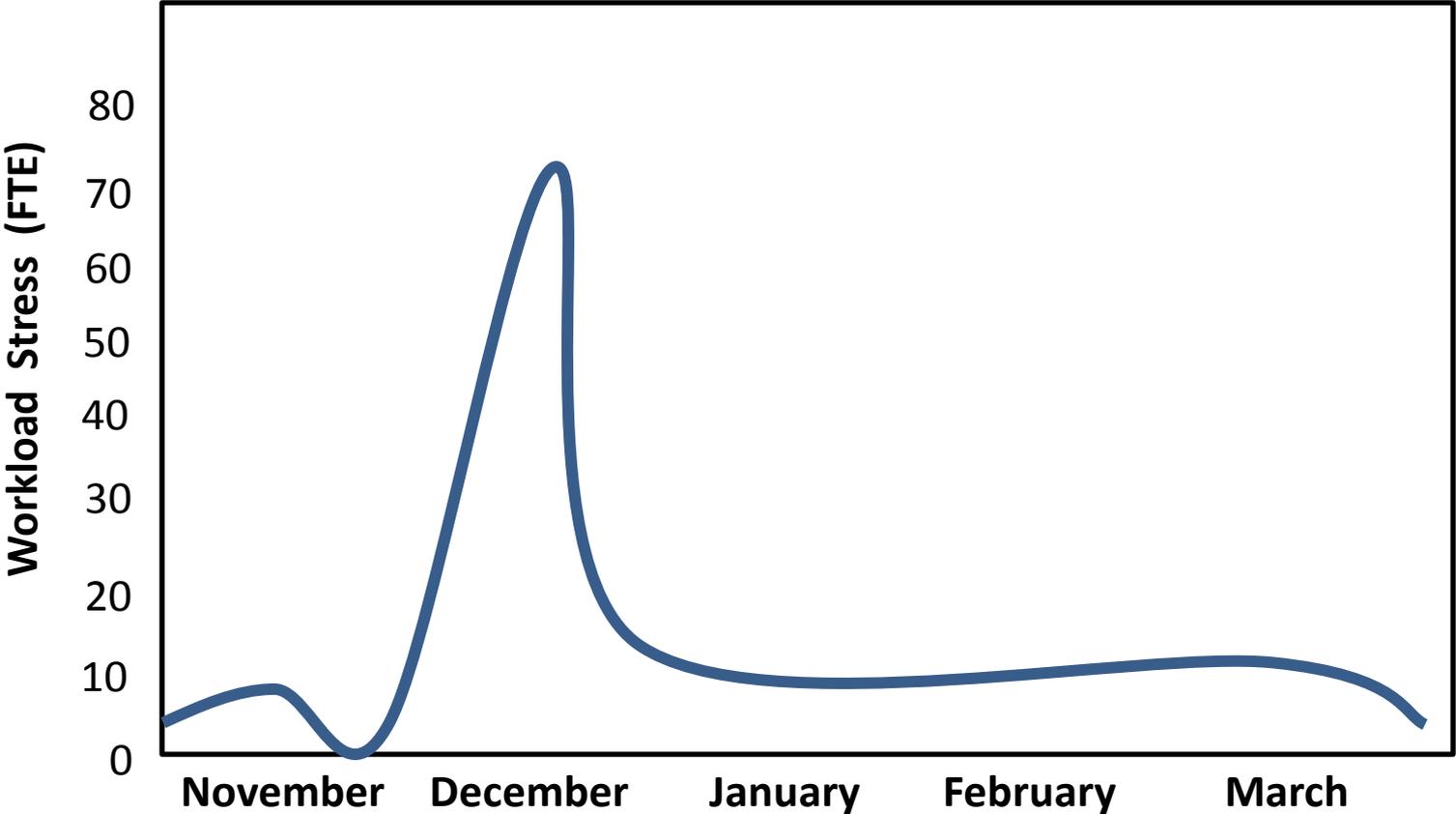
# Emergency System Activation for TB Skin Testing Clinic at a High School

- \* December 20<sup>th</sup> TST clinic conducted between 0800 and 1500 hours
- \* Mobilized staff across Local Health Department
  - \* 47 staff from 7 different programs
- \* Mobilized staff from key partners
  - \* 20 staff from City, school nurses, mental health and clinics
- \* December 23<sup>rd</sup> TST reading clinic conducted between 0800 and 1200 hours
  - \* 18 Health Department and 8 Mental Health staff

# Emergency System Activation for TB Skin Testing Clinic at a High School

- \* 1,806 students, staff screened and 90 assessed by own physician
- \* 213 had blood drawn for Quantiferon test
  - \* 13 positive QFT, 8 indeterminate and 192 negative QFT
- \* 1,593 TSTs placed
  - \* TSTs read Monday December 23 between 0800 and 1200
  - \* 1,361 negative, 133 positive, 99 had positive history

# Large & Prolonged Response by DOPH Staff



# Building Organizational Capacity

- \* Staff training
- \* Exercise and activate public health emergency plans when possible
- \* County funding restoration
- \* Continued Emergency Preparedness Funding Critical

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## **Questions?**

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