





### **Overview**

 User-friendly tool to enable users (DPH staff and public) with no GIS training to interactively map healthrelated data





# **Objectives**

- Improve the accessibility and visualization of population health data using maps
- Facilitate data use in decision-/policymaking and grant funding opportunities
- Support DPH's mission to "Protect health, prevent disease and promote health and well-being"



## **Background**

- ISD configured existing web-mapping application in collaboration with DPH
- Data is from GIS repository with thematic mapping data from DPH programs prepared by Epi Unit and provided to ISD
- Supported through County eGIS infrastructure
  - Leverages County resources in GIS technology across departments
  - Eliminates departmental redundancies/cost

### **DPH Data**

- Public Health Centers (PHC) including Martin Luther King, Jr PHC
- Administrative and Political Boundaries
  - SPA
  - HD
  - Supervisorial District
  - LA City Council Districts
  - Census Tracts (2010)
  - Zip Code





### **DPH Data Cont.**

#### Thematic maps by:

- City/Communities
  - Life Expectancy at Birth,
  - Park Area per Capita,
  - YPLL due to Heart Disease and Stroke,
  - Prevalence of Childhood Obesity, 2008
  - Economic Hardship Index, 2000
  - Adult Smoking Prevalence, 2007

- Health Districts
  - Campylobacteriosis Rates, 2010
  - Pertusis Rates, 2010
  - Salmonellosis Rates, 2010
  - Coccidioidmycosis Rates, 2010
  - Lead Poisoning Cases <21 years old





### **Points of Interest**

- Arts and Recreation
- Communications
- Community Groups
- Education
- Emergency Response
- Environment
- Government
- Health and Mental Health

- Municipal Services
- Physical Features
- Postal
- Private Industry
- Public Safety
- Social Services
- Transportation





## **Capabilities**

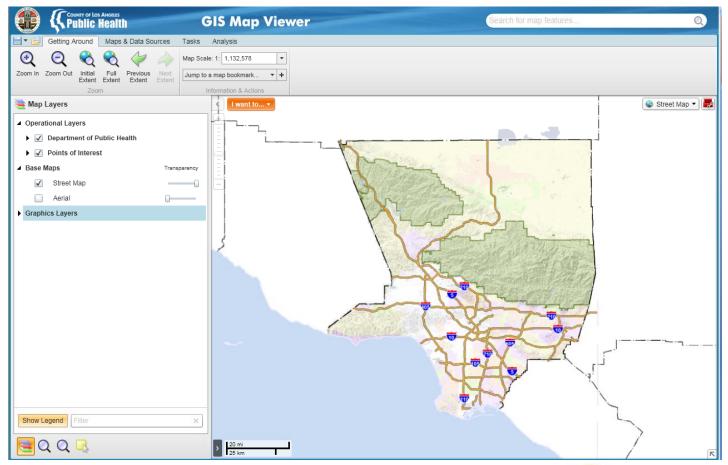
- Fast Zoom in/out
- Pan across basemaps
- Display health data or upload own data
- Save and share project(s)
  - Link; Image; or printable map
- Measure distances and areas
- Export selected data table
- Query an address and find nearest PHC
  - Identify CT or surrounding CT's





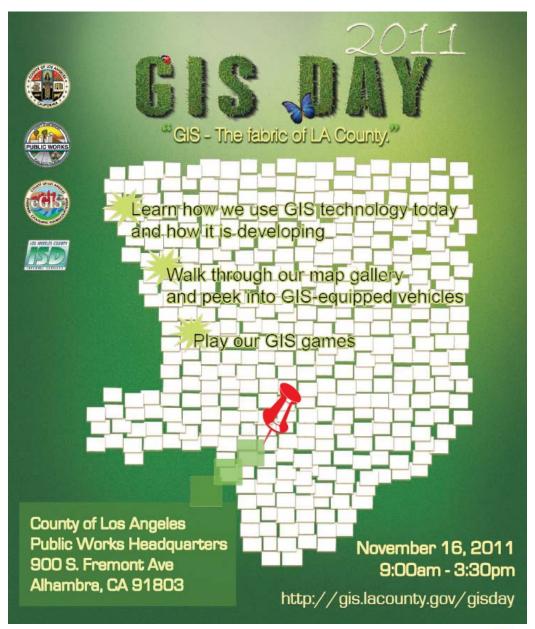
## **Demo**

http://egis1.lacounty.gov/SilverlightViewer\_1\_2/Viewer.html?Viewer=DPH













## **Questions**





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