



**CHAPIS**  
(Community Health Air Pollution  
Information System)  
-- Web Mapping Tool --

Overview of Prototype in Progress

November 1, 2001

# **Community Health Air Pollution Information System -- CHAPIS --**

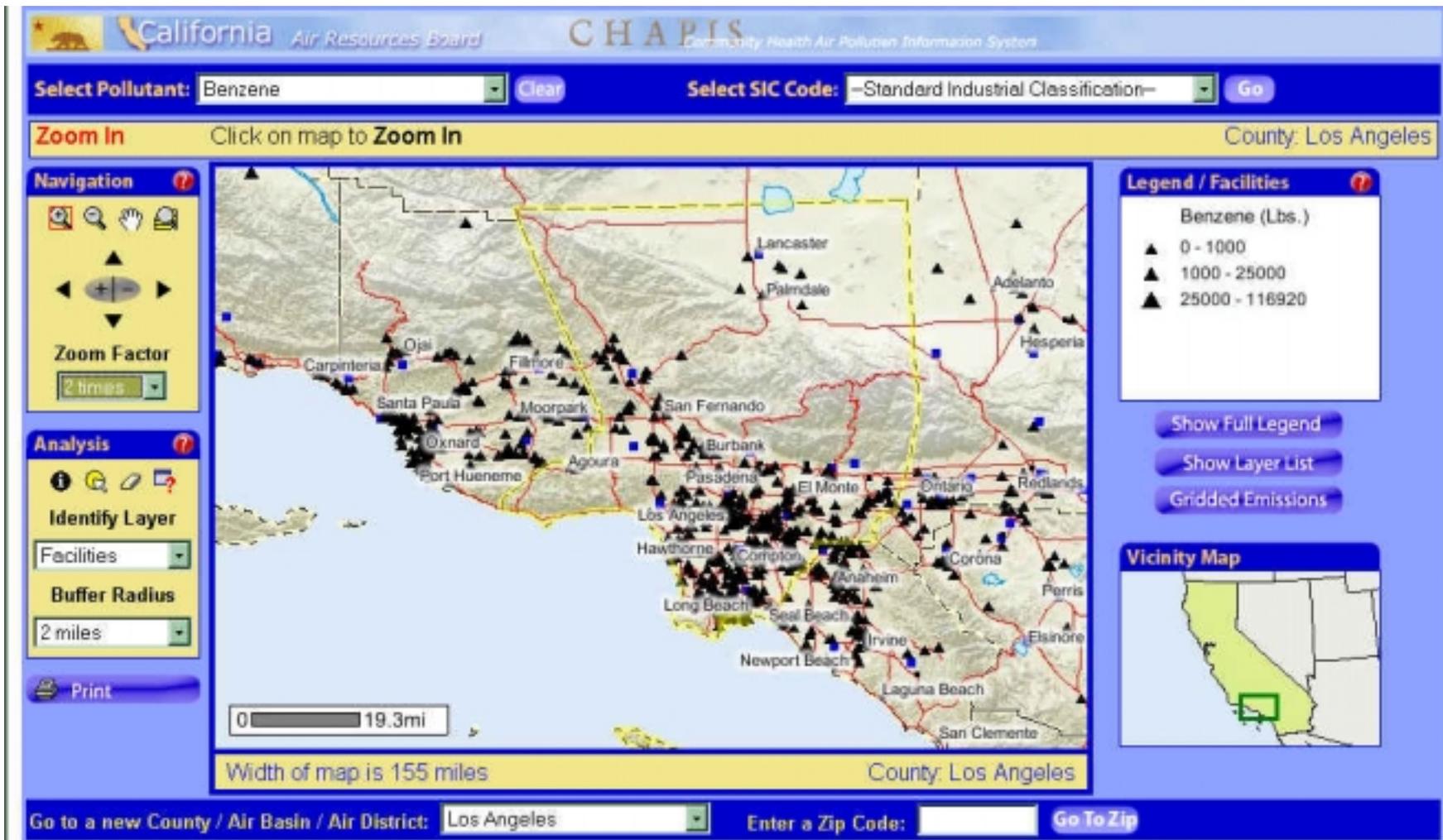
- **Provides Maps of Air Pollution Emission Sources over Web**
  - Zoom-in and Zoom-out capability**
- **Maps Point Sources and Gridded Area and Mobile Source Emissions**
- **Provides Mapped or Tabular Information**

# CHAPIS Web Mapping Tool

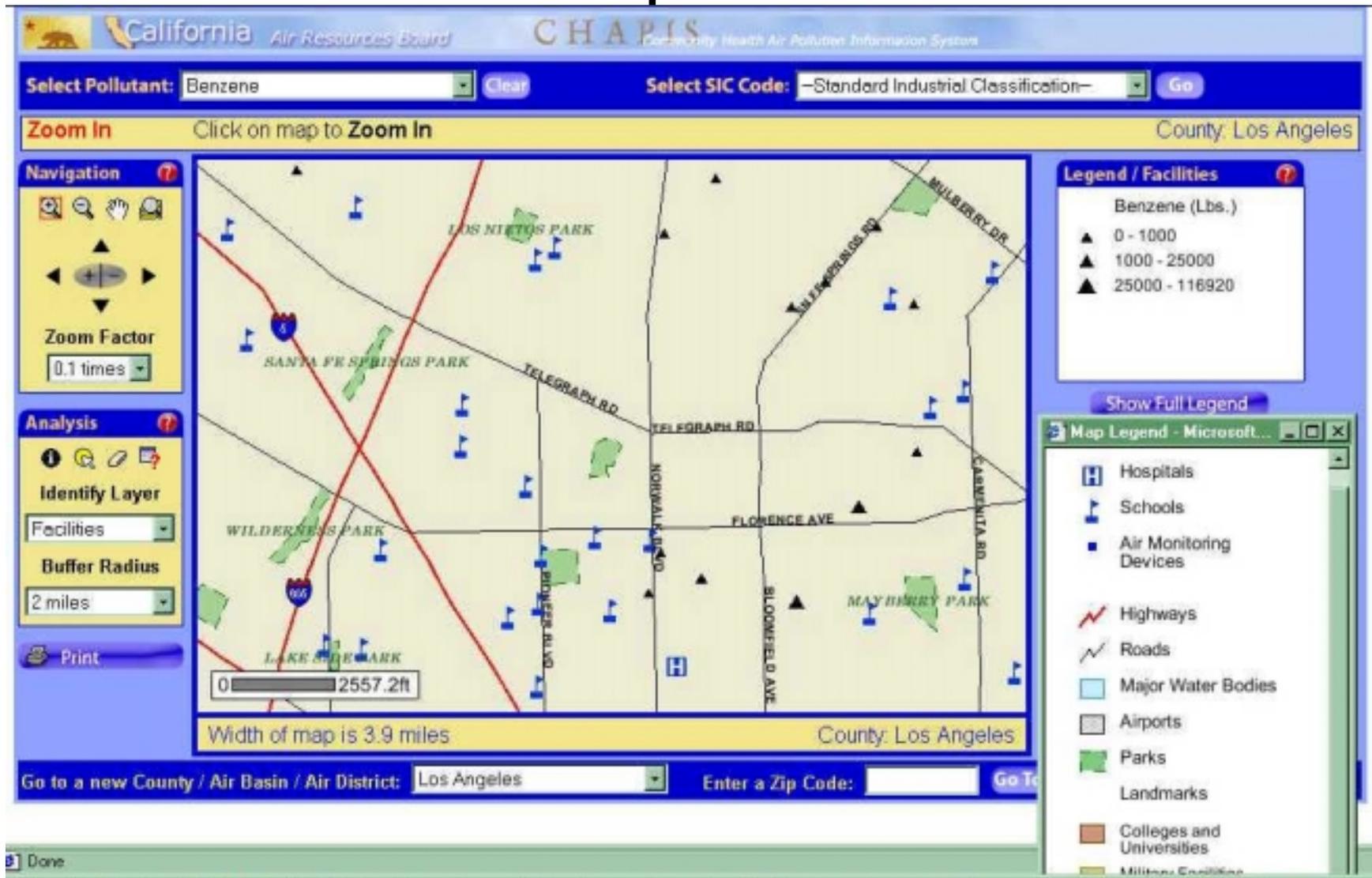
## -- Features --

- **Visual:** Map emissions with Web browser  
(no GIS expertise needed)
- **Interactive:** Zoom / Pan, Identify points
- **Links:** CEIDARS Facility Search Engine;  
Hot Spots Reported Risk Assessments
- **Analysis:** Sort, Sum ~100 Visible Facilities
- **Reference:** Air Monitors, Roads, Schools...

# CHAPIS Sample: County-Level



# CHAPIS Sample: Detail Level



# CHAPIS Sample: Summary Statistics

CHAPIS Beta v1 - Microsoft Internet Explorer

CHAPIS: Calculate Statistics Results - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

13 Benzene emissions sources found

Maximum Value: 8,210.60500 Lbs.  
Average Value: 939.74036 Lbs.  
Total Emissions: 12,216.62469 Lbs.

Facil ID	Company	Address	Benzene (Lbs.)	SIC Code
800103	<a href="#">POWERINE OIL CO (FIS USE)</a>	12354 LAKELAND RD SANTA FE SPRINGS, CA 90670	8210.605	29 - Petroleum and Coal Products
13097	<a href="#">MOBIL EXPLORATION / PRODUCING</a>	10735 S SHOEMAKER AVE SANTA FE SPRINGS, CA 90670	3702.353	13 - Oil and Gas Extraction
46300	<a href="#">UNOCAL OIL CO OF CAL OIL / OA</a>	SANTA FE SPRINGS RD SANTA FE SPRINGS, CA 90670	159.92064	13 - Oil and Gas Extraction
24488	<a href="#">UNION OIL CO OF CAL OIL / GAS</a>	10065 BLOOMFIELD AV SANTA FE SPRINGS, CA 93003	64.89	13 - Oil and Gas Extraction
97081	<a href="#">THE TERMO COMPANY</a>	OAT MOUNTAIN LOS ANGELES, CA 90050	35.35048	13 - Oil and Gas Extraction
11119	<a href="#">SO CAL GAS CO</a>	8101 S ROSEMEAD BLVD PICO RIVERA, CA 90660	32	49 - Electric, Gas, Sanitary Services
18695	<a href="#">US GYPSUM CO</a>	9306 SORENSEN AV SANTA FE SPRINGS, CA 90670	6.5675	32 - Stone, Clay, and Glass Products
11998	<a href="#">B. F. GOODRICH CARBON PRODUCTS</a>	11120 S NORWALK BLVD SANTA FE SPRINGS, CA 90670	3.08	28 - Chemicals and Allied Products
23726	<a href="#">BEARING INSPECTION INC</a>	10041 SHOEMAKER AV	1.63	35 - Industrial Machinery and

Go to Done Internet

Start CHAPIS Beta v1... Print Preview Pa... Map Legend - M... Snagit Capture... CHAPIS: Cal... 10:47 AM

# CHAPIS: Link to Facility Search Engine

Facility Information			
Facility Name :	MOBIL EXPLORATION & PRODUCING	District :	<a href="#">SOUTH COAST AQMD</a>
Street :	10735 S SHOEMAKER AVE		
City :	SANTA FE SPRINGS	Zip :	90670
Contact Person :	ENVIRONMENTAL ENG	Phone :	(310) 903-2725
Facility SIC :	1311		
Mailing address			
Company Name :	MOBIL EXPLORATION & PRODUCING		
Address :	10735 SOUTH SHOEMAKER AVENUE		
City :	SANTA FE SPRINGS	St :	CA
		Zip :	90670

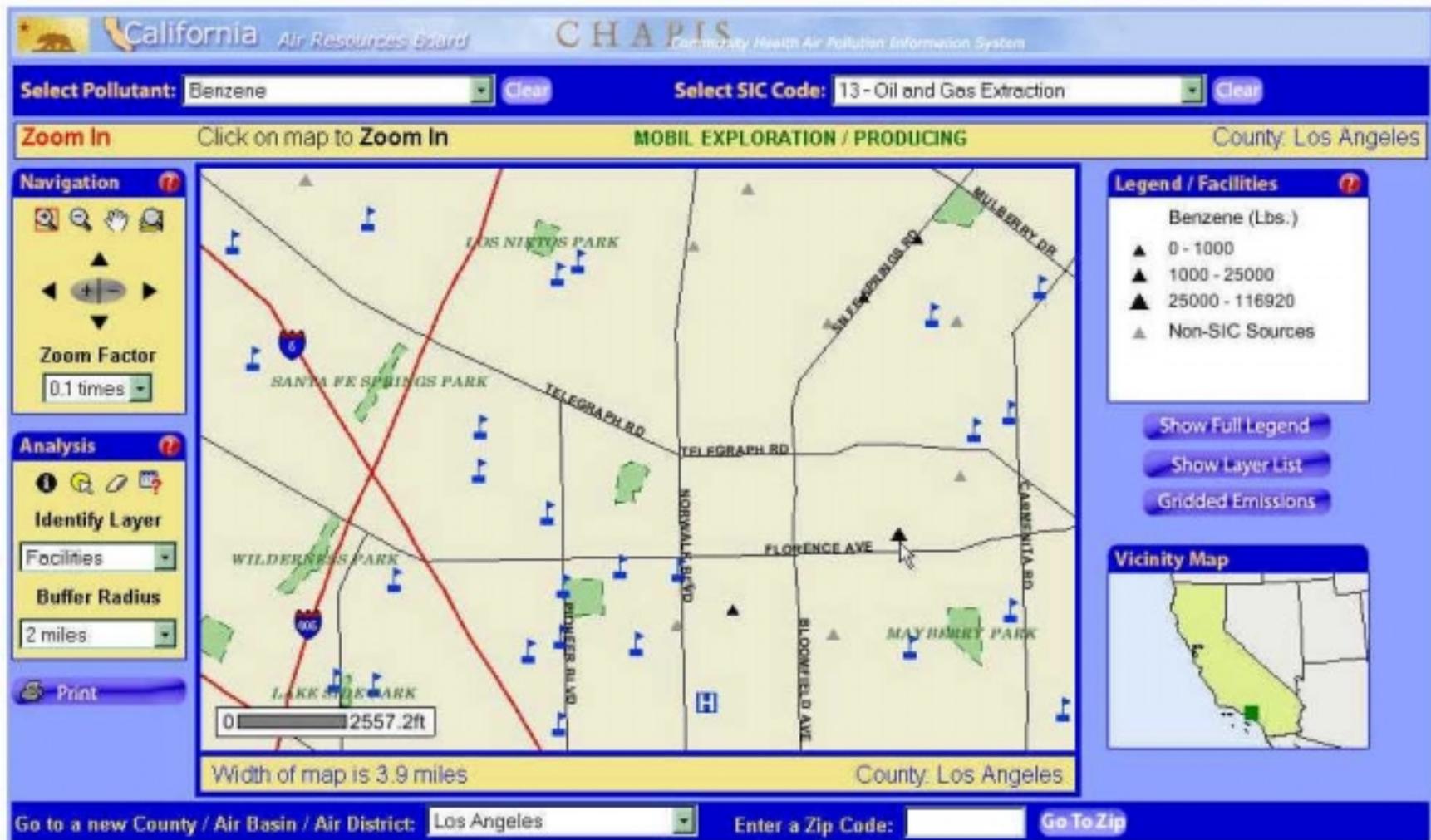
*For most recent data, please contact the Air District*

[\[Start a new query\]](#) [\[Prioritization & Risk\]](#)

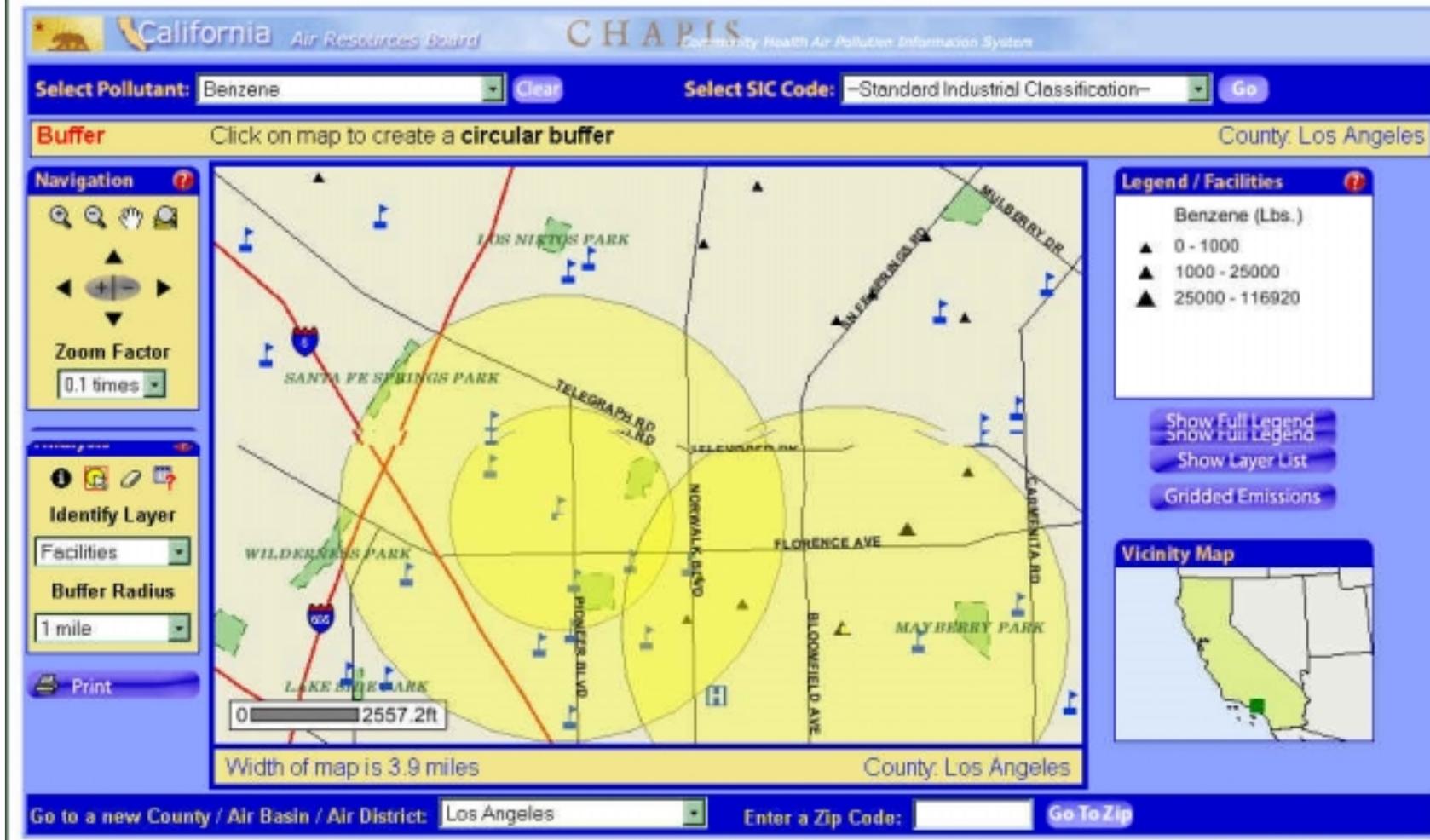
	Pollutant	Emissions	Unit
<b>Data from 1996</b>	<a href="#">TOG</a>	21.8	Tons/Yr
	<a href="#">ROG</a>	13.9	Tons/Yr
<b><a href="#">TOXIC DATA MAY COME FROM VARIOUS YEARS</a></b>			
	<a href="#">Ammonia</a>	587.4	Lbs/Yr
	<a href="#">Benzene</a>	3702.4	Lbs/Yr
	<a href="#">Naphthalene</a>	2398.4	Lbs/Yr
	<a href="#">Toluene</a>	17625.8	Lbs/Yr
	<a href="#">Xylenes</a>	26072.7	Lbs/Yr

*For most recent data, please contact the Air District*

# CHAPIS Sample: Industry Type (SIC)



# CHAPIS Sample: Buffers



# CHAPIS Sample: Gridded Emissions

