The background of the slide features a soft-focus landscape. In the upper half, a range of mountains is visible under a pale sky. In the lower right corner, the dark, slender branches of a willow tree, heavily laden with small, dark buds or catkins, hang down. The overall color palette is muted, consisting of earthy greens, browns, and greys.

*Building Local Environmental  
Public Health Tracking  
Capacity in Oregon*

Michael Heumann  
Oregon EPHT Program  
April 21, 2005

# *Intent/Goals*

- ❖ Build environmental public health capacity at the local level
  - Enhance existing capacity
- ❖ Support goals and objectives of EPHT
  - Tracking and linking; inclusivity
- ❖ Plan for EPHT implementation
  - Rather than one-time studies

# *Mini Grants*

- ❖ Best mechanism
- ❖ Provide needed incentives to become engaged in new efforts
- ❖ Create/strengthen a partnership relationship with recipients that would build over time

# *Focus of Proposals*

- ❖ RFA invited proposals that
  - Address local EPH concerns or needs
  - Create or enhance monitoring databases or programs
  - Provide training
  - Build communication or outreach

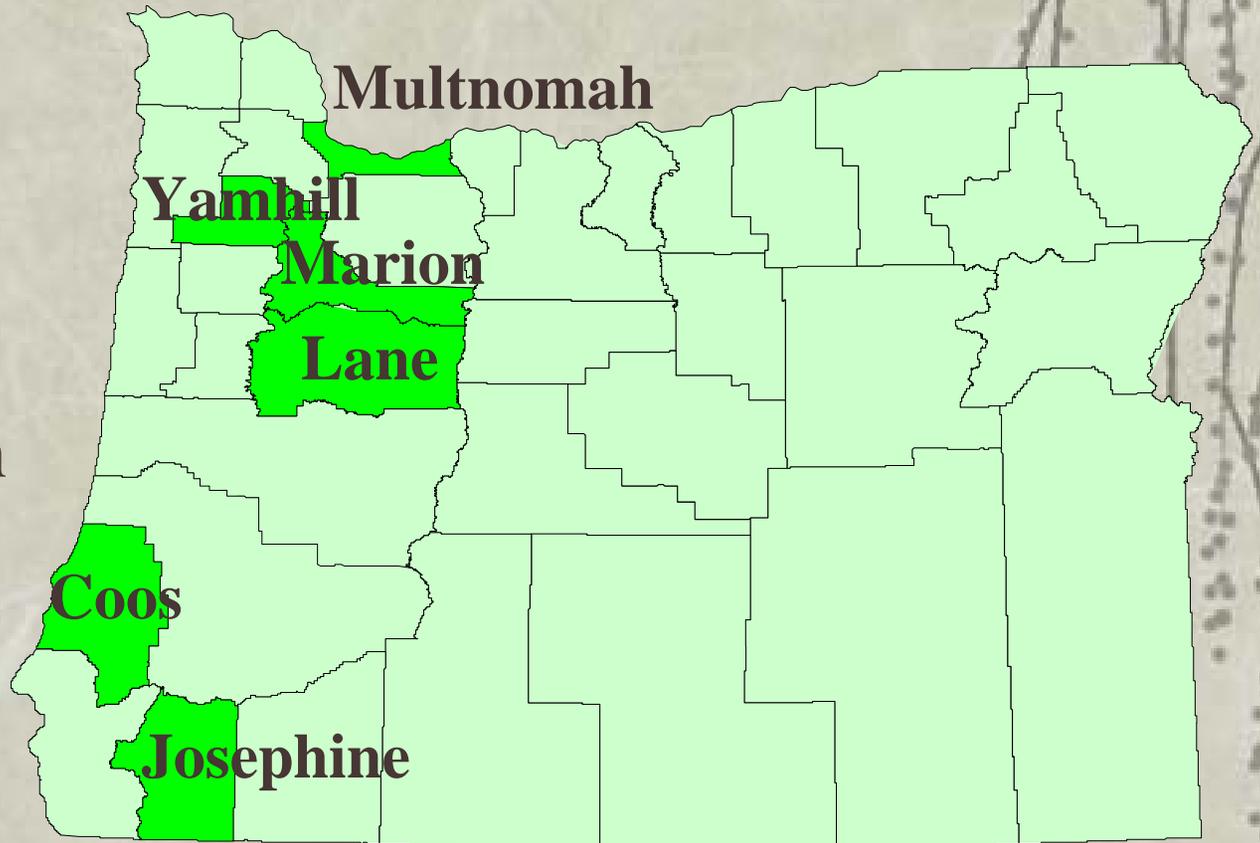
# *Invited Recipients*

- ❖ Expected applicants
  - Local Health Departments
  - Community based organizations, NGOs
  - Academic institutions
  - Individuals
  
- ❖ Letter of support from LHD required
  
- ❖ Collaboration encouraged

# *Responses to Request for Proposals*

## ❖ Local Health Departments

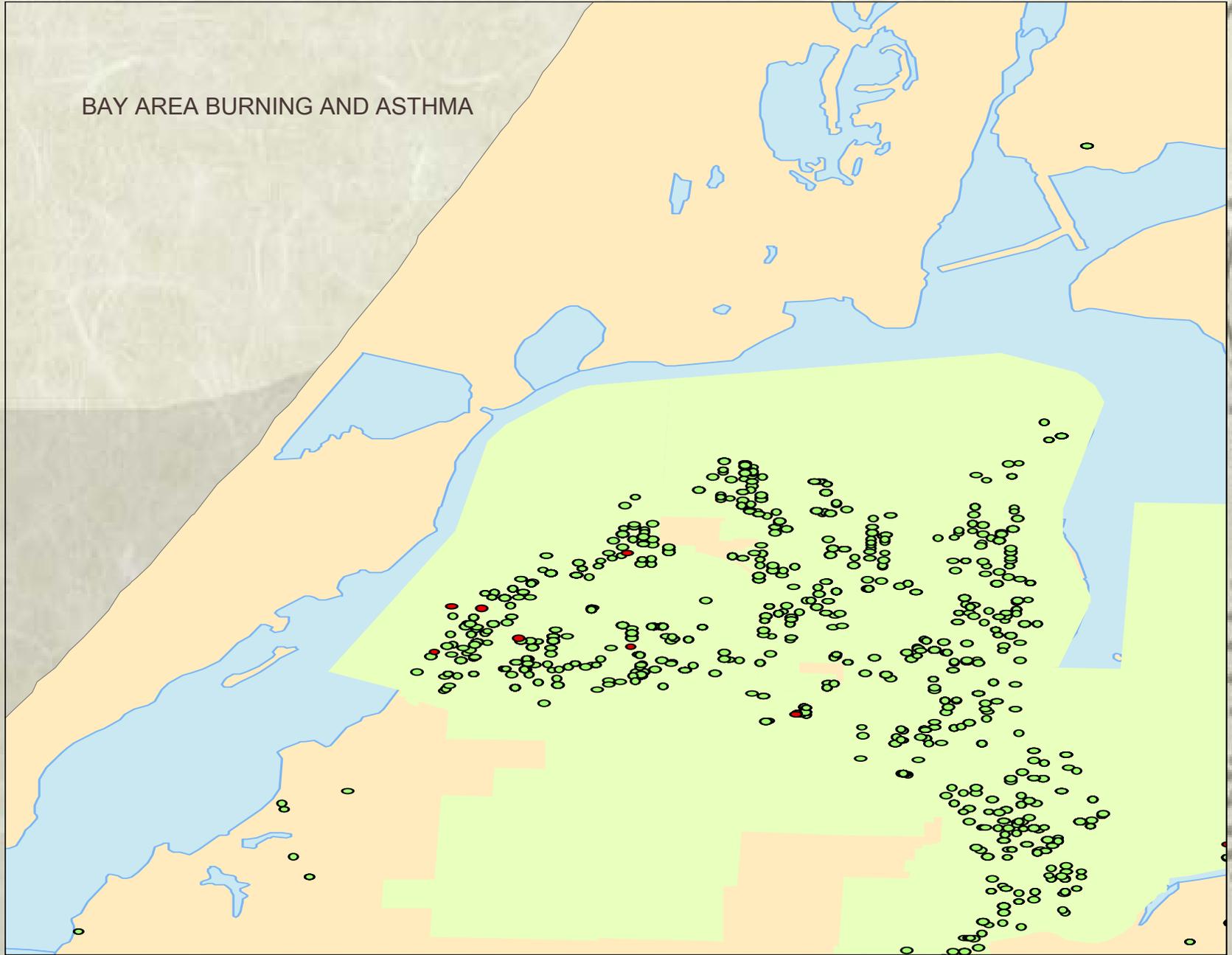
- Coos
- Josephine
- Lane
- Marion
- Multnomah
- Yamhill



# *Coos County*

- ❖ **Asthma Tracking Project**
- ❖ Asthma diagnoses from medical provider
  - Large provider, 3 locations
- ❖ Burn permit data from DEQ and ODF
  - Timber, all permitted burns
- ❖ GIS database
- ❖ \$14,282

# BAY AREA BURNING AND ASTHMA



# *Josephine County*

- ❖ **GIS Env. Health Tracking System**
- ❖ Create electronic database of environmental health information ('03, '04)
- ❖ Use GIS database with county mapping, demographics
- ❖ Regional trends; new areas to monitor
- ❖ Ongoing surveillance; address information
- ❖ \$9,500



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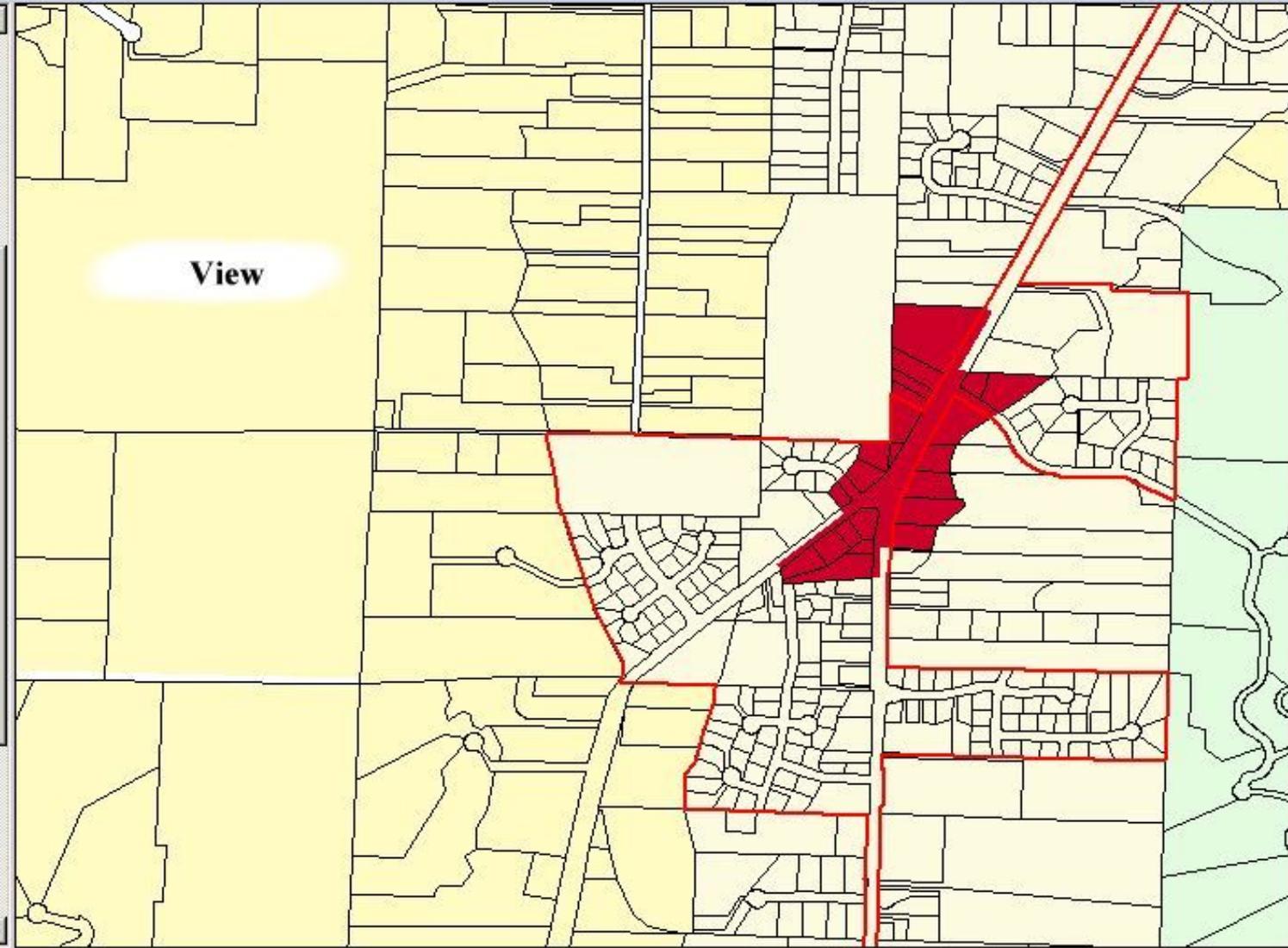
4,148,816.82  
285,546.37

P.U.M.A. View

- PLSS Labels
  - Text 1
  - Text 2
- Water Names
  - Text
- Driveways
- Cave Junction U.G.B.
  -
- Grants Pass U.G.B.
  -
- PLSS

### Table of Contents

- Cave Junction City
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- Zone
  - WR-Woodlot Res
  - RR5-Rural Reside
  - (GP-GC) General
  - (GP-R1-8) Low D
- Prime Soils



# *Lane County*

- ❖ **EPH Data Collection and Outreach**
- ❖ Electronic data collection system for EPH
  - Current data and newly identified priorities
  - Work with other agencies
- ❖ Conduct community outreach
  - Enhance env. public health communication, education
  - Priority identification
- ❖ \$12,681

# *Lane County Current Activities*

- ❖ Moving data from all EPH business from manual to a relational data collection system
  - Central menu of electronic data collection system complete
  - 60% of data tables and file structures complete
- ❖ Building an “other agency” reference system, including data capacity and format information
  - Conducting agency data survey; good response
- ❖ Outreach to community and other agencies has been met with great enthusiasm
  - Evaluating potential of shared data possibilities

# *Marion County*

- ❖ **EPH Forum, Database and Website**
- ❖ Develop community forum
  - Discuss and prioritize env. public health concerns
- ❖ Electronic database (GIS)
  - Document calls and complaints, env. hazards
- ❖ Env. Public Health Website for input and info
- ❖ \$15,110

# *Marion County*

## *Environmental Public Health*

**GIS** – Gather and use GIS data to track:

- ❖ Elevated Blood Lead Investigations
- ❖ Public Drinking Water Systems
- ❖ Vector/Mosquito Control Measures
- ❖ Foodborne Illness Outbreaks

**WEB** – Create Environmental Public Health website to provide more complete information to the public. The site will include:

- ❖ A comprehensive Questions & Answers list
- ❖ Link to allow the public to ask EPH a question
- ❖ Downloadable application forms and rules

# *Multnomah County*

- ❖ **Housing Surveillance and Outreach**
- ❖ Plan for ongoing housing EH surveillance
  - Work with housing authorities
  - Standard form; electronic database
- ❖ Culturally specific outreach on EPH issues
  - Underserved areas of Portland
- ❖ \$14,685

# *Housing Inspection Data Collection Project*

Goal: To develop a plan to use ongoing housing inspections to track health-related environmental conditions in a uniform way and maintain an electronic database of this surveillance.

## Progress

### ❖ Office of Neighborhood Involvement

- Currently use a paper to Word document tracking system
- Created a Word to Access tracking system with key word search capabilities (i.e. ‘mold growth behind kitchen counter backsplash indicates lack of ventilation and/or moisture control. 29.30.120’)

### ❖ Next Steps

- Repeat process at Housing Authority of Portland & Portland Development Commission
- Identify a method for review and analysis

# *Development of Culturally Specific Environmental Health Outreach Project*

Goal: To develop and implement culturally specific outreach strategies to communicate EPH data to the targeted communities in order to improve community awareness, input and reporting.

## Progress

- ❖ Hired a cultural consultant
- ❖ Created an environmental health 'resource list'
- ❖ Facilitating the development of a Lead CD in multiple African dialects
- ❖ Developing a survey to address health/housing needs and repairs
- ❖ Translating maintenance repair form in two African dialects
- ❖ Partnered with Nursing Students to incorporate EPH into curriculum and affordable housing home visits
- ❖ Working with affordable housing agencies to recognize resident diversity and tailor services to bridge cultural gaps

# *Yamhill County*

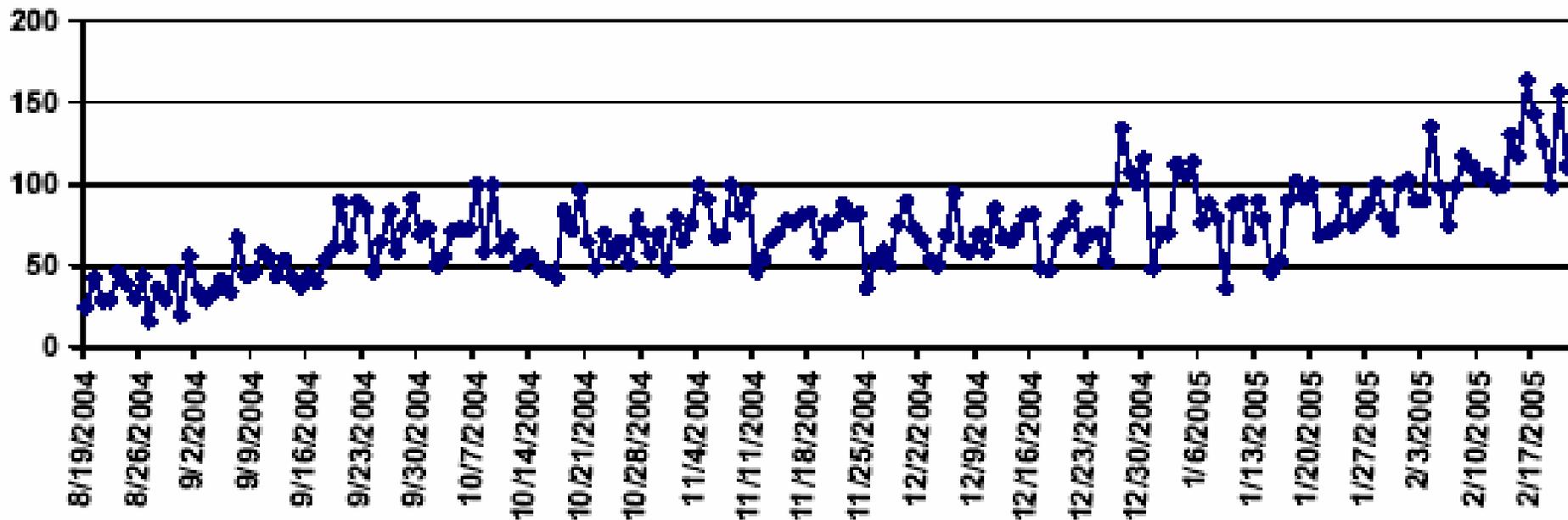
- ❖ **Syndromic Surveillance System**
- ❖ Expand existing disease surveillance
- ❖ New health data sources
  - Tribal and migrant clinics, urgent care
  - Ambulance, pharmacies, schools
- ❖ New syndromes – asthma
- ❖ \$19,643

## *Yamhill Data Streams*

- ❖ County Medical Providers January 2004 to present
- ❖ County elementary and middle schools – September 2004 to present
- ❖ OTC pharmacy sales – National Retail Data Monitoring System – September 2004 – present

# *OTC Cough & Cold Products Sold in Yamhill County - NRDM*

## **Cough & Cold OTC through 2/21/05**



# *Summary of Mini-Grants*

- ❖ Building capacity, plans for sustainability
- ❖ Help EPHT planning
- ❖ Completed within about a year
- ❖ Presentations to Planning Consortium
- ❖ Building good relationships