

# Central Florida Regional Planning Council



*Working together  
for Public Health*



**Daniel O. Haight, MD**

**Director, Polk County Health Department**

**Associate Professor, University of South Florida**



FLORIDA DEPARTMENT OF



HEALTH

# Challenges

Communication barriers

Cultural differences

Geographical location

Transportation barriers

Myths & Rumors

Financial limitations

Past bad experience

Don't read the newspaper

Denial

Legal issue (illegal activity)

Religious differences

Distrust of government

No phone

Fear of deportation



heartland2060

## Polk Ranks Lowest In Health

Friday, December 14, 2001

By ERIC PERA & BILLY TOWNSEND

The Ledger

LAKELAND -- Polk is the least healthy of Florida's nine most populous counties, according to a statewide study by the University of South Florida in Tampa.

The study, released Thursday, measures adult mortality, maternal and child health, screening and prevention, premature death tied to community violence, infectious disease and community resources. These main categories are broken down into 36 smaller indicators.

Ranking first among counties with more than 400,000 people was Brevard.

For the 27 counties with populations ranging between 50,000 to 399,999 people, Charlotte ranked the highest while Putnam brought up the rear.

Flagler is the healthiest county among the 30 with populations under 50,000, while Gadsden, just west of Tallahassee, ranked the lowest.

Critics of the study, like Polk Health Director Daniel Haight, said it used data for 1991-96, and fails to provide benchmarks to give meaning to the numbers.

"If we could do the study today would we do better? I don't know," Haight said of Polk. "But I would hope that over the last few years we really have made a dent. This (study) tells us where we were."

Polk's poor ranking should be a wake-up call for its citizens and politicians, said Dr. James Studnicki, lead author of the USF report published in the November issue of the journal *Managed Care Interface*.

"We don't want them to be alarmed, but we do want them to be concerned," he said. "Polk is a county that probably needs to make a greater investment in the health of its citizens."

Haight, an assistant professor for infectious diseases at USF, said Polk has made strides since 1996 in several public health areas, especially maternal and child health, resources and premature death -- categories where Polk scored worse than average or much worse than average in the USF study.

Polk received average scores for the remaining three categories -- adult mortality, screening and prevention and infectious disease.

Haight, Polk's health director since 1996, said prenatal care has improved through grants and Bond Clinic and Lakeland OBGYN, which have paid for midwives for the poor and uninsured.

AIDS cases have dropped to 20.5 for every 100,000 people, from 53.7 in 1993 and 29.4 in 1996, Haight said. "This is one example where we did better."

The county's tuberculosis rate fell to 5.9 per 100,000 people in 1999 from 16 per 100,000 in 1991, he said.

# 1992-1996

# What is a Healthy Community?

- **Community needs to decide this**
  - **Alliance**
  - **Data**
  - **MAPP**

# Six Domains:

- **Adult Mortality**

- ▣ **Maternal and Child Health**

- **Screening, Prevention and Primary Care**

- ▣ **Premature Death and Community Violence**

- **Infectious Disease Morbidity**

- ▣ **Community Capacity & Resources**

# Six Domains:

- **Adult Mortality**
- ▣ **Maternal and Child Health**
- ▣ **Screening, Prevention and Primary Care**
- ▣ **Premature Death and Community Violence**
- **Infectious Disease Morbidity**
- **Community Capacity & Resources**

# Examples of Health Indicators

## Adult Mortality

- **Cardiovascular**
- **Diabetes**
- **Cancer**

## Maternal / Child

- **Infant mortality**
- **No prenatal care**
- **Very low birth weight**
- **Births to teenagers**

# Examples of Health Indicators

## Screening / Prevention

- Hospitalizations for:
  - Cardiovascular Dz
  - Very high BP
  - Asthma
- Late stage Cancers
  - Breast

## Early Death / Violence

- Unintentional injury
- Firearm deaths
- Simple assaults
- Domestic violence

# Examples of Health Indicators

## Infectious Disease

- AIDS
- Syphilis
- Gonorrhea
- Enteric disease
- Tuberculosis

## Community Resources

- MAPP Process
- Planning Council
- CHIP
- Hospitals & Clinics
- Physicians

# **MAPPING the Way to Better Health**

# **Mobilizing for Action through Planning & Partnerships**

Supported by the Centers for Disease Prevention (CDC) and the  
National Association of County & City Health Officials (NACCHO)

# Healthy Questions

How healthy are we?

Can we respond to health problems?

Is everyone receiving the health care they need?

What's going on in my community?

A Healthier Community

# MAPP - YOUR COMMUNITY ROADMAP TO HEALTH!

Action Cycle

Evaluate Implement Plan

Formulate Goals and Strategies

Identify Strategic Issues

Community Themes & Strengths Assessment

Forces of Change Assessment

4 Mapp Assessments

Community Health Status Assessment

Local Public Health System Assessment

Our Vision

Organize for Success / Partnership Development

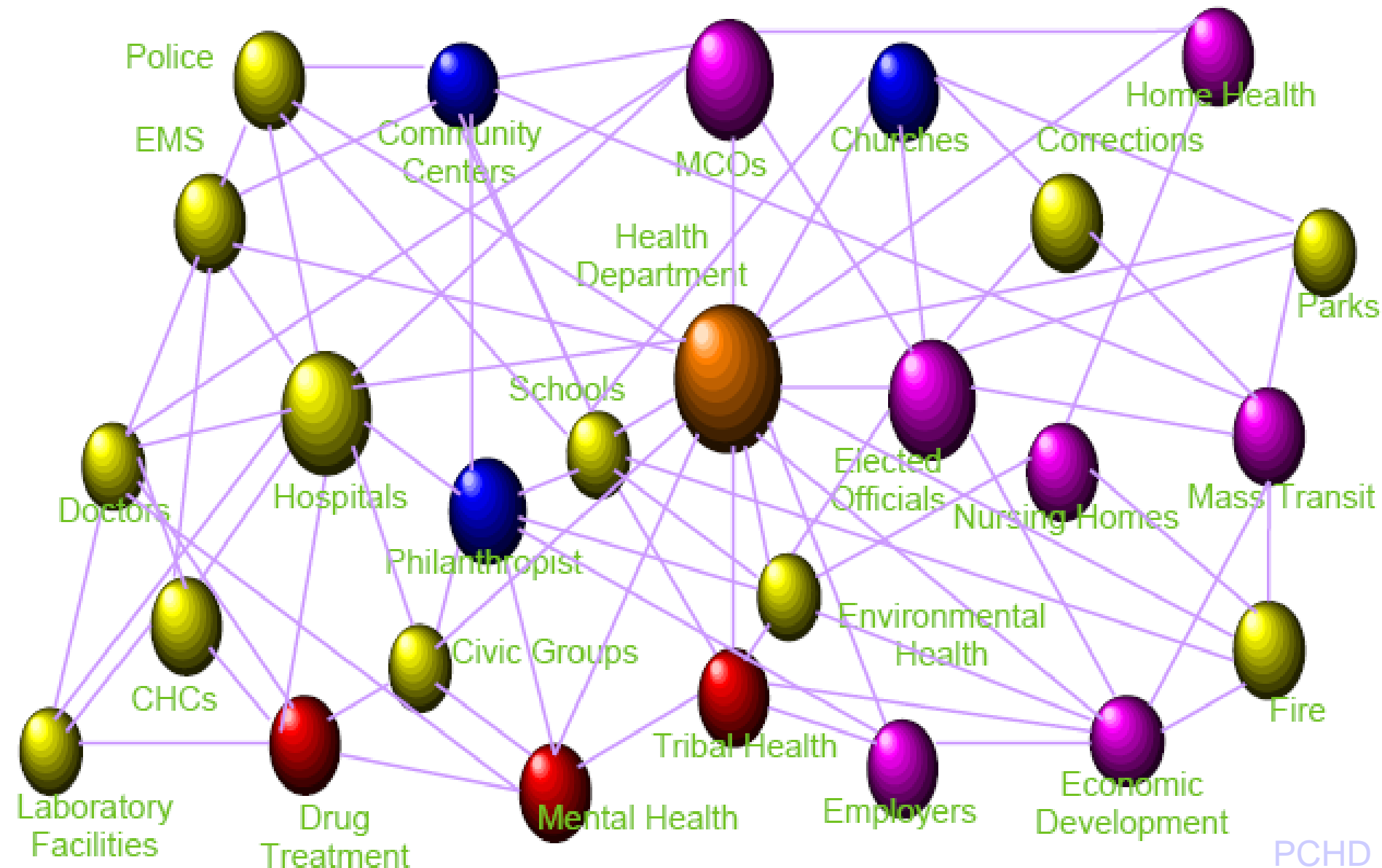


# Four Assessments

- 1. Local Health System Assessment**
- 2. Forces of Change**
- 3. Community themes & strengths**
- 4. Community Health Status**

# **Local Health System Assessment**

# Partners in Health



# Essentials

How well do we keep our community...

- ...informed about health issues?
- ...engaged in health issues?
- ...effective when setting health policies?

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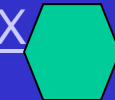
- ...informed about health issues?
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# The Essentials

- Monitor health
- Diagnose & investigate
- Educate & empower
- Mobilize community
- Develop policies
- Enforce laws
- Increase access
- Assure competency
- Evaluate quality
- Research

# Assessment Team

- Florida Southern **College**
- Polk Health Care **Alliance**
- Lakeland Regional **Medical Center**
- Polk **Workforce Development**
- Polk County **School Board**
- Lakeland **Vision**
- PEACE **Faith** Group
- Polk County **Government**
- Polk County **Health Department**
- Central Florida **Health Care**
- **University** of South Florida
- Winter Haven **Hospital**
- Polk **Vision**
- Central Florida Physician **Alliance**
- Healthy Start **Coalition**
- Watson **Clinic**
- Citizens' Oversight Committee
- Polk County **Medical Association**
- Heart of Florida **Hospital**



# Health System Assessment

Polk County

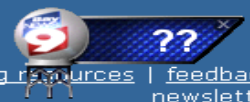


# Forces of Change Assessment

- **Federal, state, local legislation**
- **Rapid technological advances**
- **Changes in organization of health care services**
- **Shifts in economic and employment forces**

# Four Assessments

1. Local Health System Assessment
2. Forces of Change
3. Community themes & strengths
4. Community Health Status

 Search

**\*\*Please disable all popup blocking software when using Florida CHARTS\*\***

**Community Tools**

- [County & State Profiles \*\*New!\*\*](#)
- [Interactive Community Maps](#)
- [County Behavioral Risk Factor Data](#)
- [Florida Mortality Atlas](#)
- Health Indicators**
- [Communicable Diseases](#)
- [Chronic Diseases](#)
- [Maternal & Child Health](#)
- [Environmental Health](#)
- [Injury & Violence](#)
- [Social & Mental Health](#)
- [Health Resources Availability](#)
- [Population Characteristics](#)
- Data Queries**
- [Florida Births](#)
- [Florida Deaths](#)
- [Population Estimates](#)

## Mastering Data and Empowering Communities with CHARTS

Welcome to the Florida **Community Health Assessment Resource Tool Set** (CHARTS). It is our hope that you will find Florida CHARTS informative and easy to use. This site includes such health statistics as births, deaths, disease morbidity, population and behavioral risk factors.

For more information about community health planning in Florida, please visit our [COMPASS \(Comprehensive Assessment, Strategic Success\)](#) website.



[Subscribe to the new CHARTS Quarterly Newsletter!](#)

### Recent Updates

**2007 Data Now Available on CHARTS *New as of 10/08!***  
CHARTS now includes 2007 indicators, maps, profile reports and BRFSS data.

- [Births](#)
- [Deaths](#)
- [Infant Deaths](#)
- [Fetal Deaths](#)
- [Reportable Diseases Morbidity including HIV/AIDS, TB and STDs](#)
- [Cancer Incidence](#) (2005 data is latest)
- [Population Estimates](#)
- [Licensed Physicians and Dentists](#)
- [Hospital and Nursing Home Beds](#)
- [Alcohol-related motor vehicle crashes](#)
- [Crime and Domestic Violence](#)
- [BRFSS behavioral indicator data](#)

**2007 Interactive Vital Statistics Annual Report Now Available on CHARTS *New as of 10/08!***

The Office of Planning, Evaluation & Data Analysis is pleased to announce that the [2007 Interactive Vital Statistics Annual Report](#) is now available on Florida CHARTS. This report includes data on births, deaths, population, and life expectancy.

www.FloridaCharts.com



# Summary

- **Strengths:**
  - **Lower Cardiovascular death rate**
  - **Improving immunization rates**
  - **High Breastfeeding rates**

# Summary

- **Opportunities**

- **Missing data – Mental Health**

- **Reduce:**

- **Unintentional injuries & hospitalizations**

- **Teen births and sexually related diseases**

- **Tobacco Use**

- **Obesity**

- **Infant mortality**

- **Increase the number of physicians**

- **Improve Linking people to personal health services**

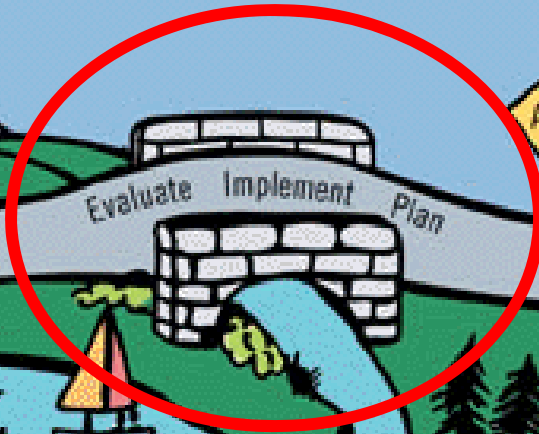
- **Better evaluate the effectiveness & quality of healthcare**

- **Strengthen the Polk HealthCare Alliance**

- **Support the MAPP and CHIP process**

A Healthier Community

# MAPP - YOUR COMMUNITY ROADMAP TO HEALTH!



Action Cycle

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Our Vision



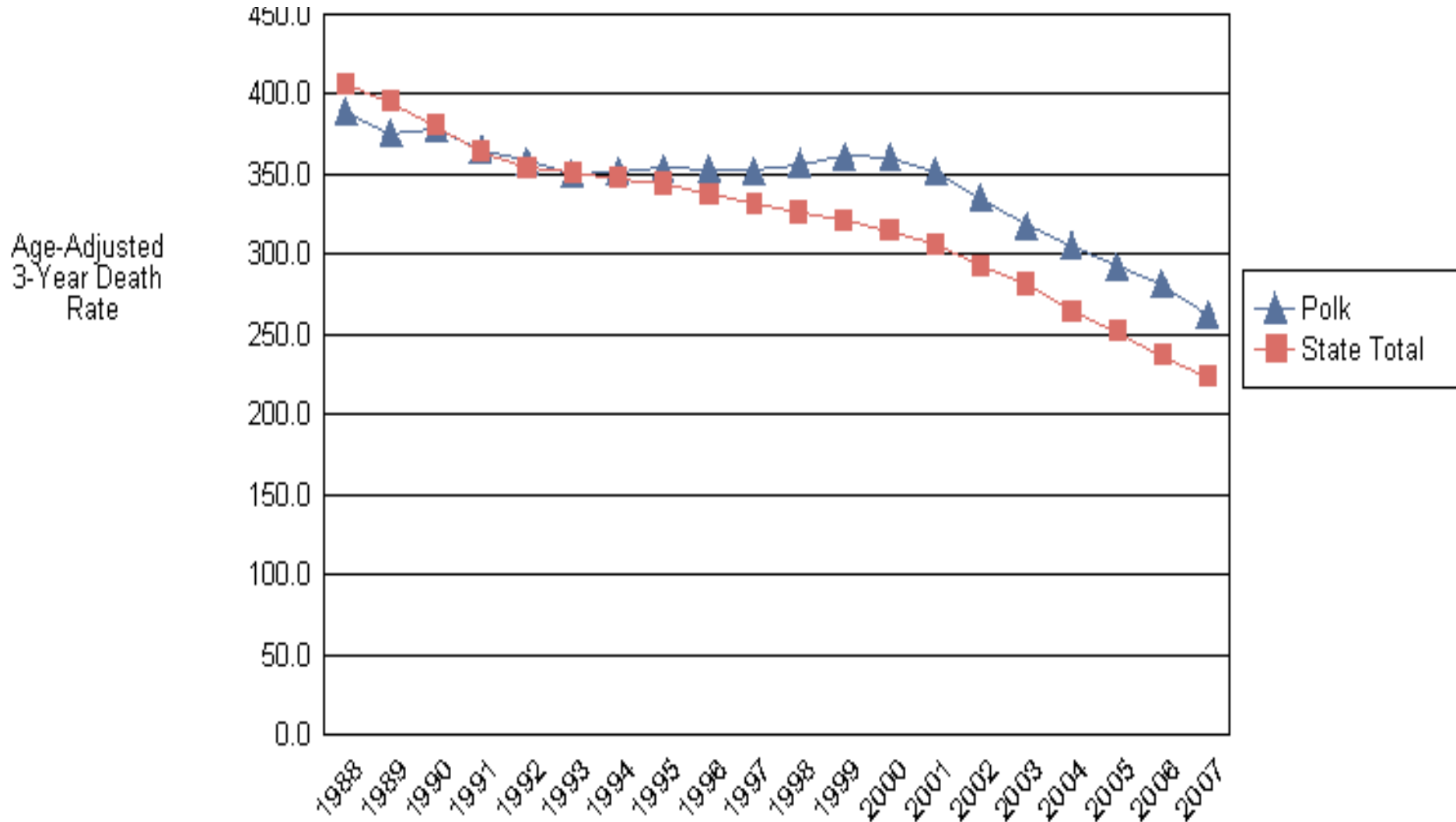
Organize for Success / Partnership Development

# Community Health Improvement Plan

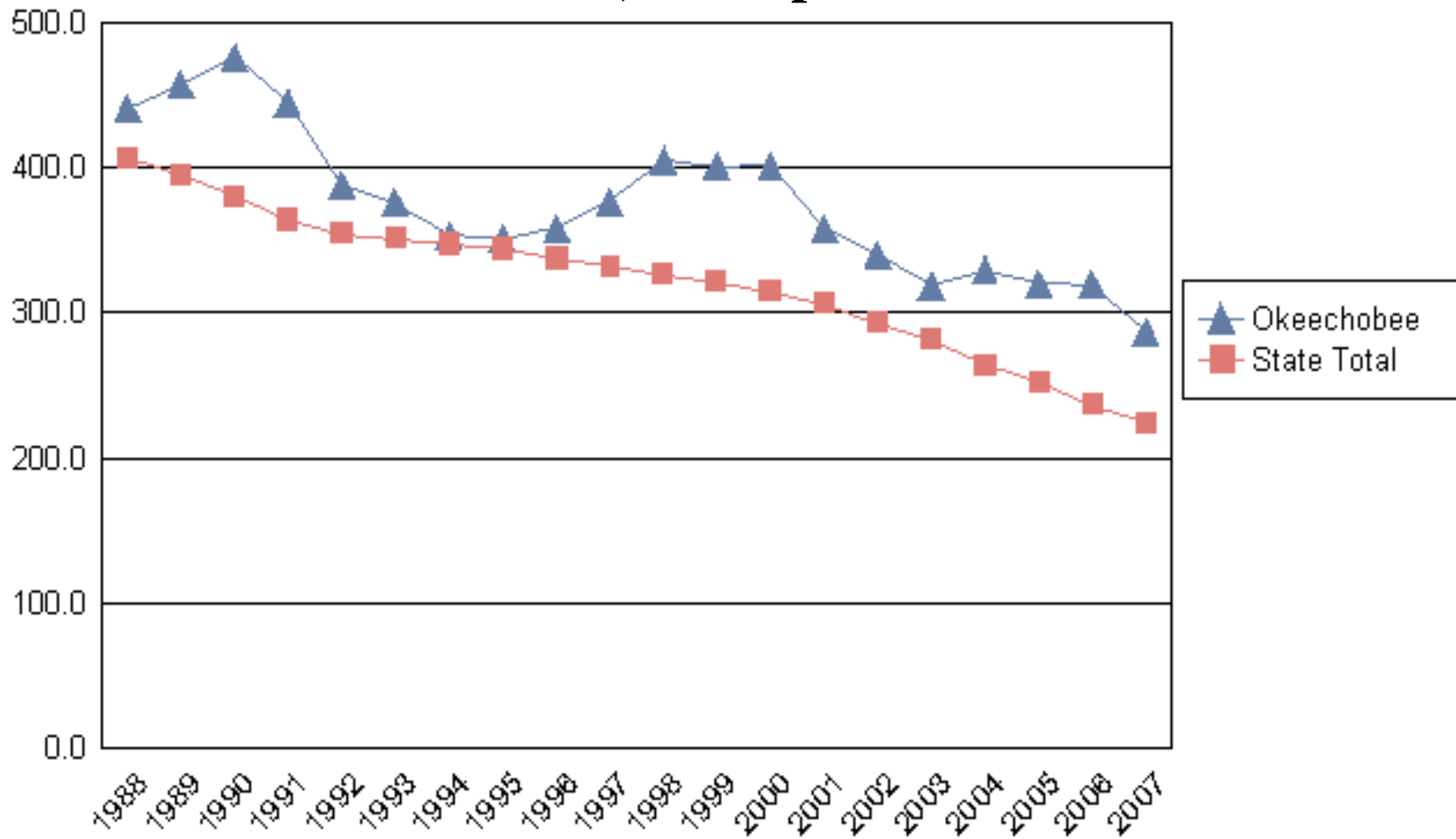
- **Three year action cycle**
- **Implement CHIP strategies**
  - **Advance policy change to improve access**
  - **Implement programs to increase access**
    - **Evidence based**
    - **Culturally sensitive**
    - **Involving mental health and substance abuse services**

Thank you

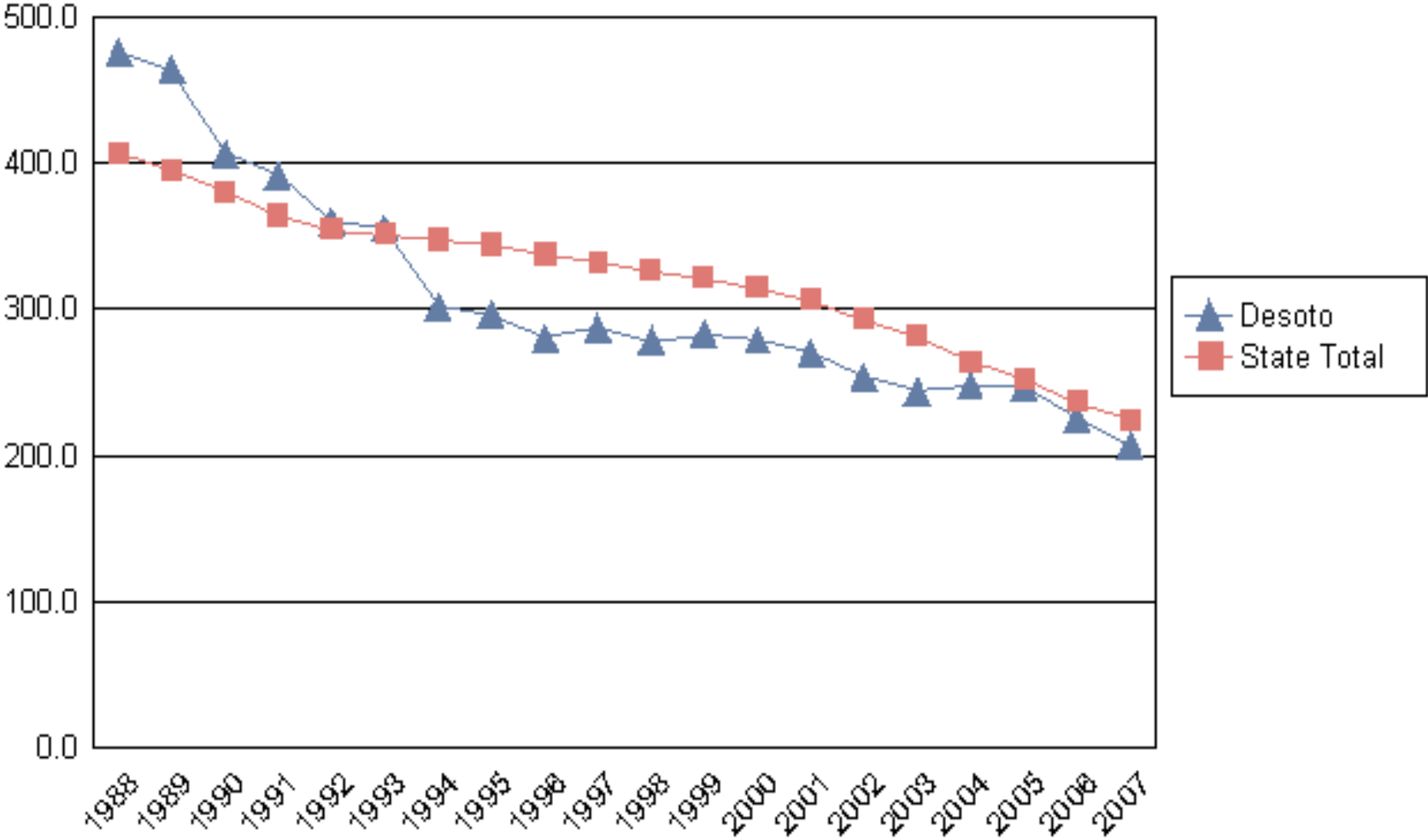
# Age-Adjusted Major Cardiovascular Diseases 3-Year Death Rate Per 100,000 Population



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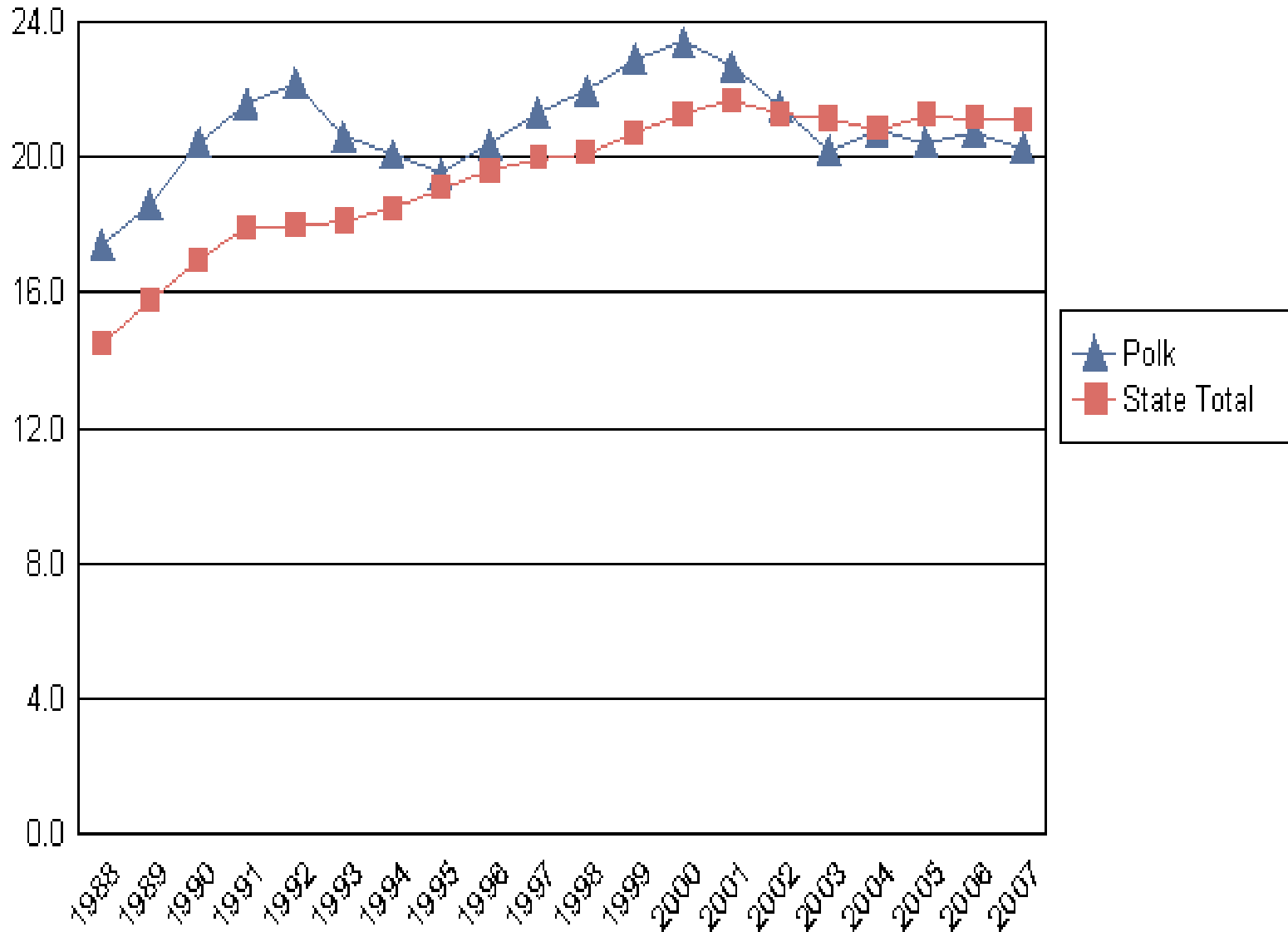


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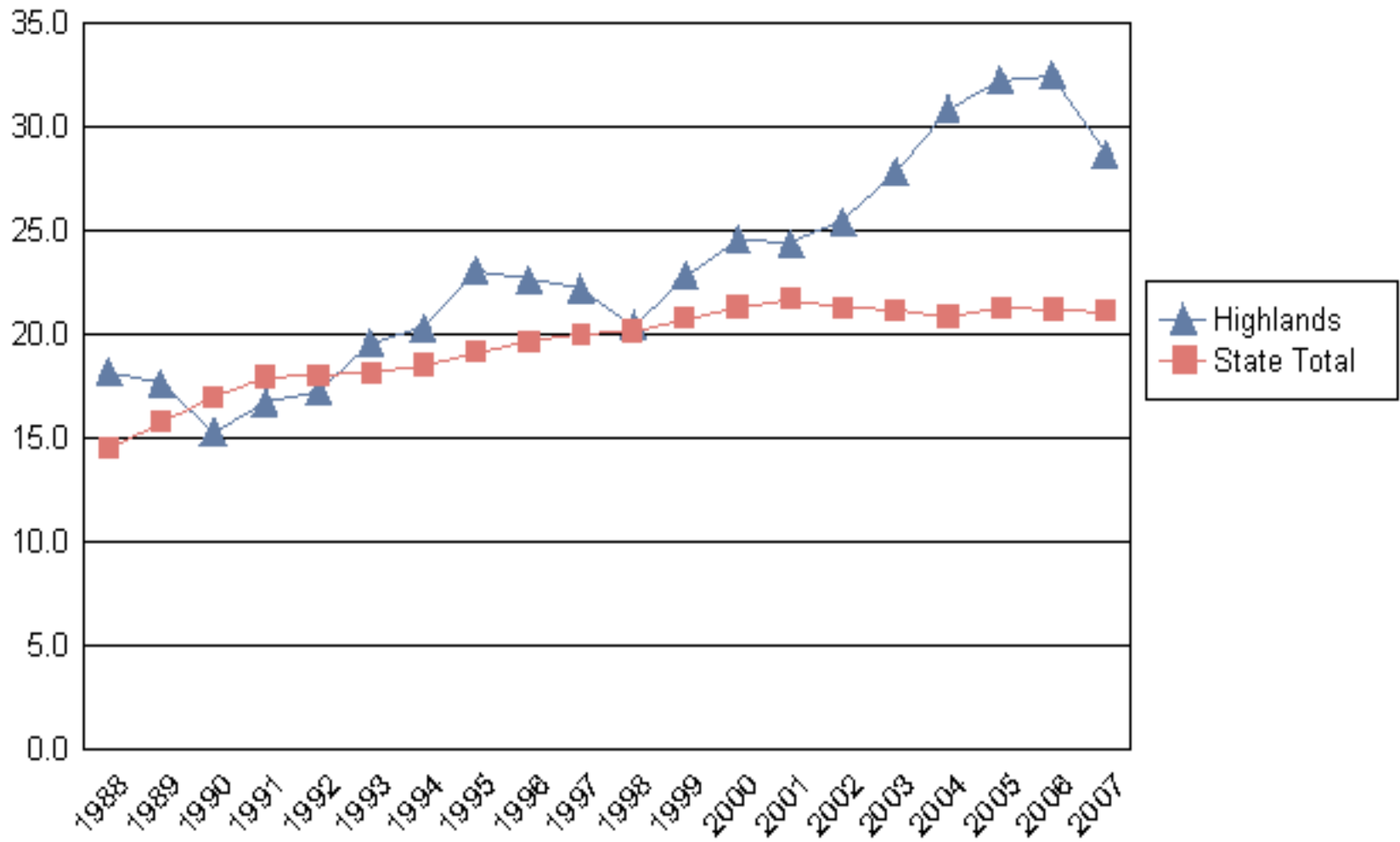


# Age-Adjusted Diabetes 3-Year Death Rate Per 100,000 Population

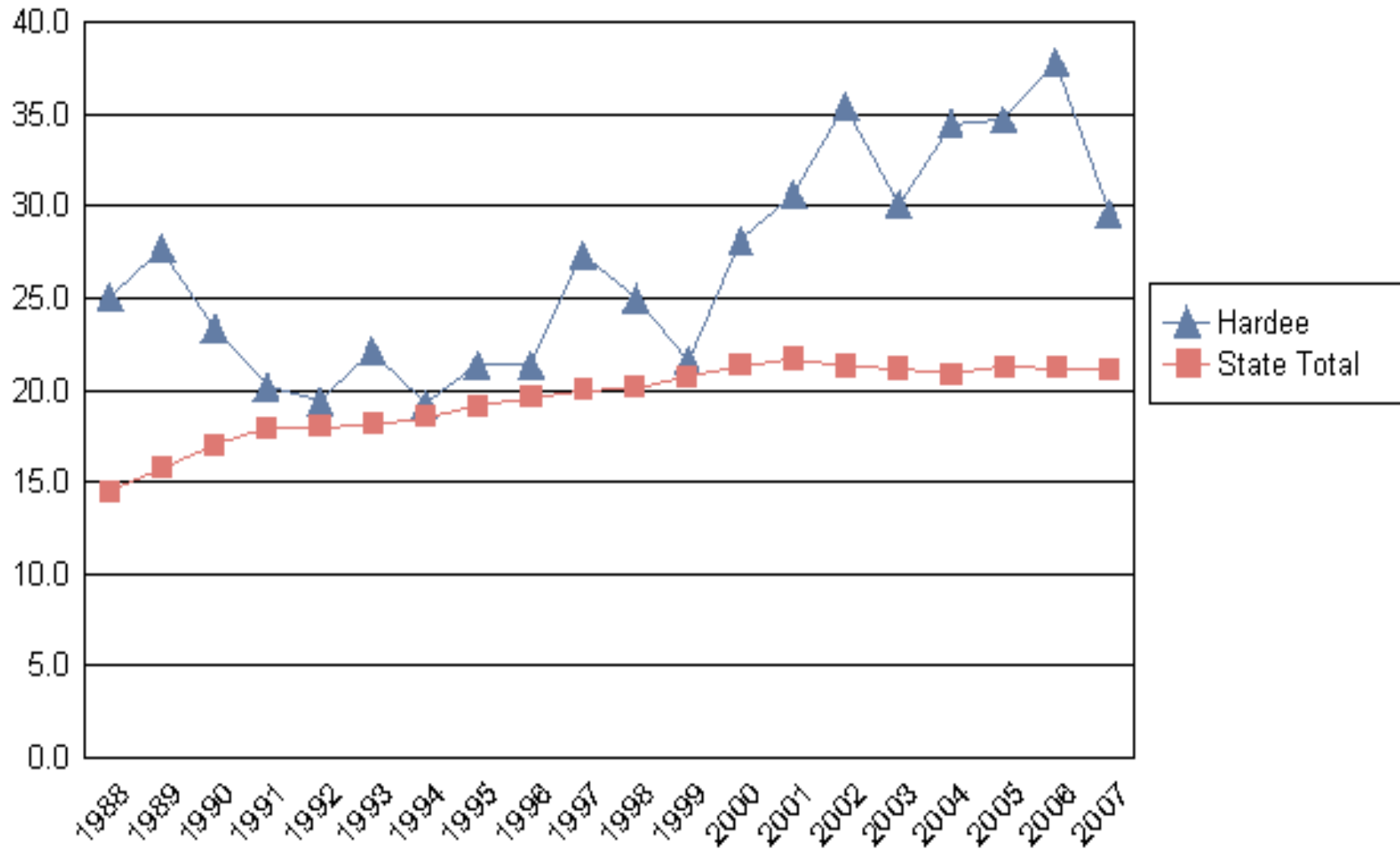
Age-Adjusted  
3-Year Death  
Rate



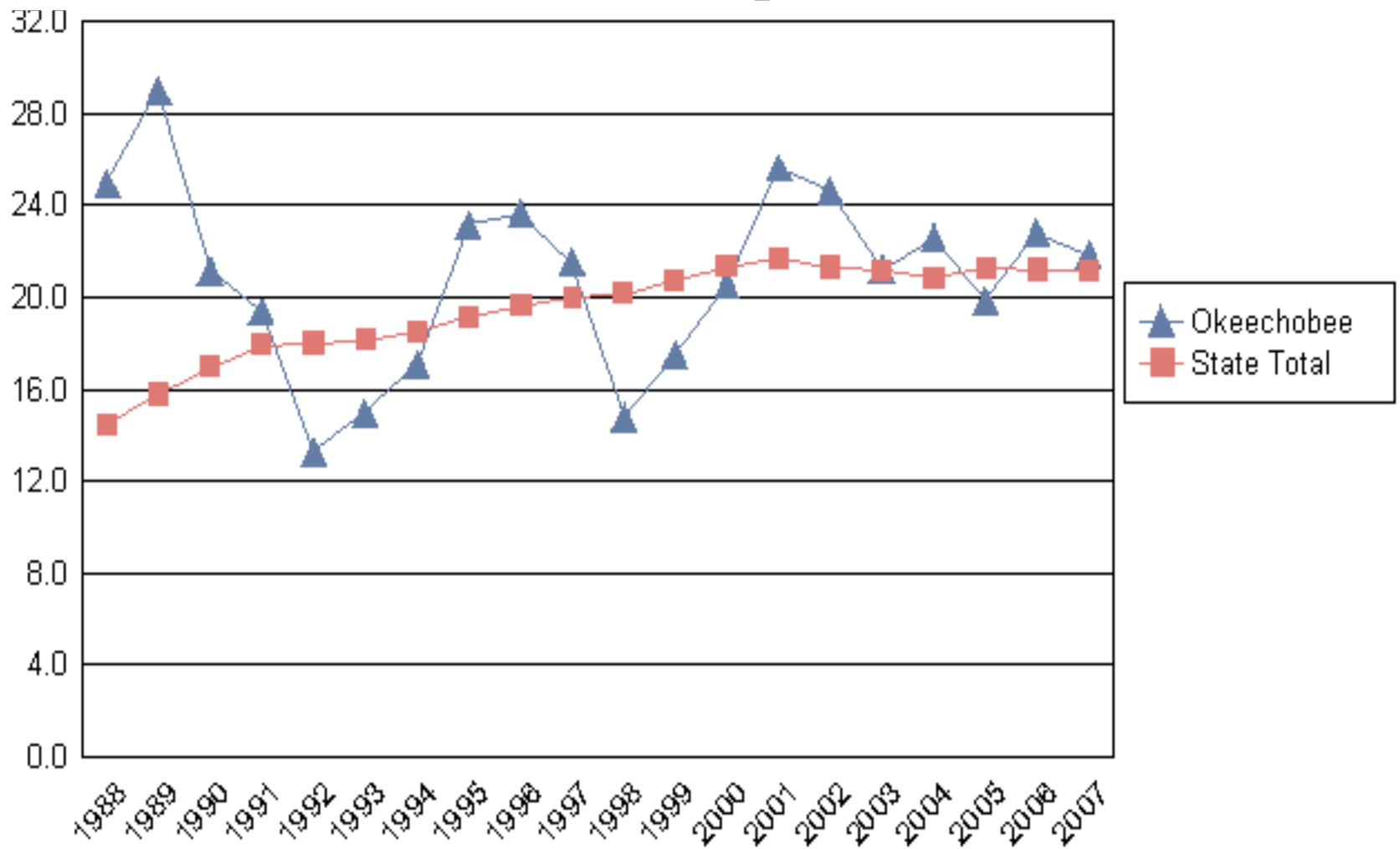
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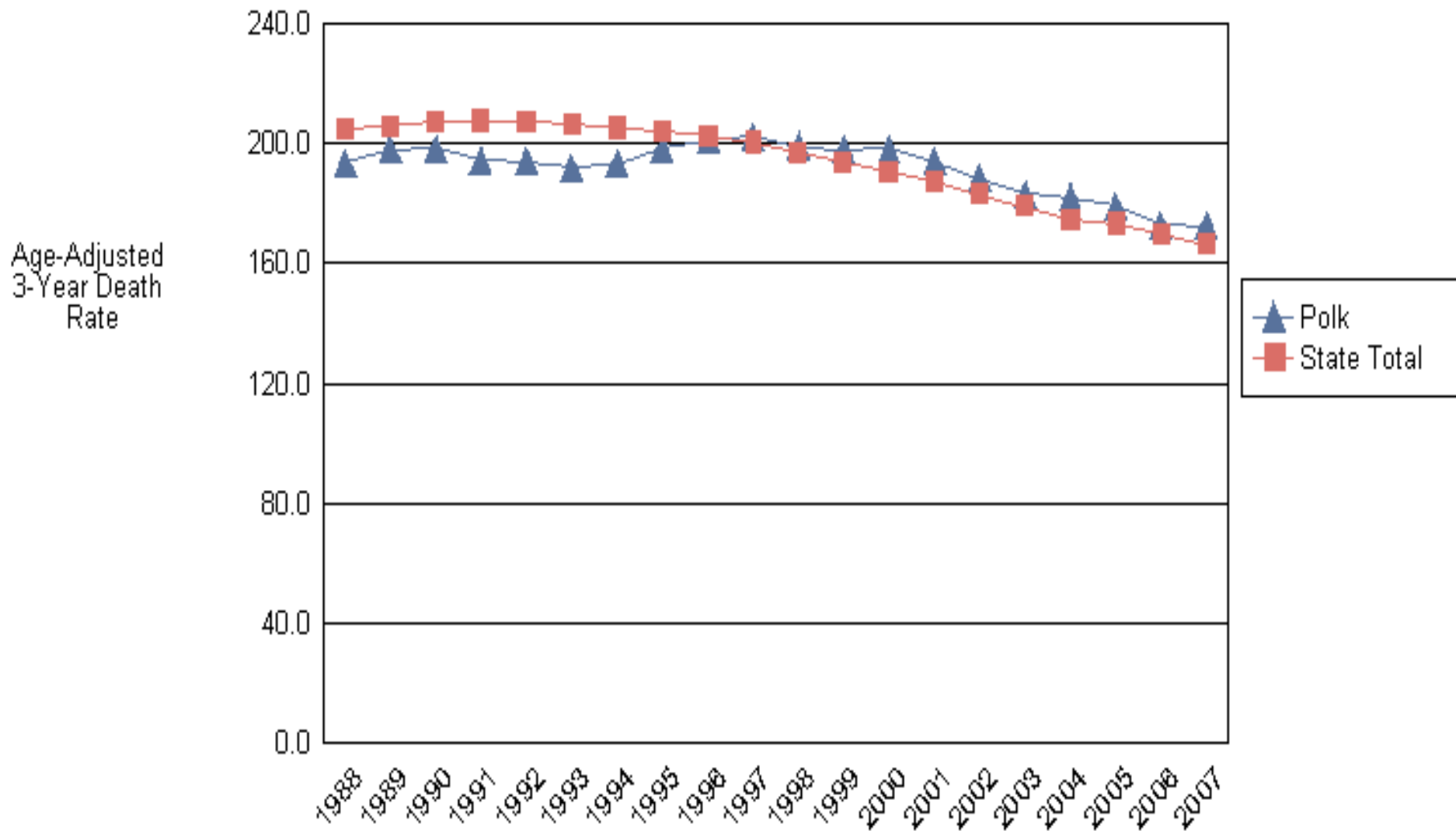
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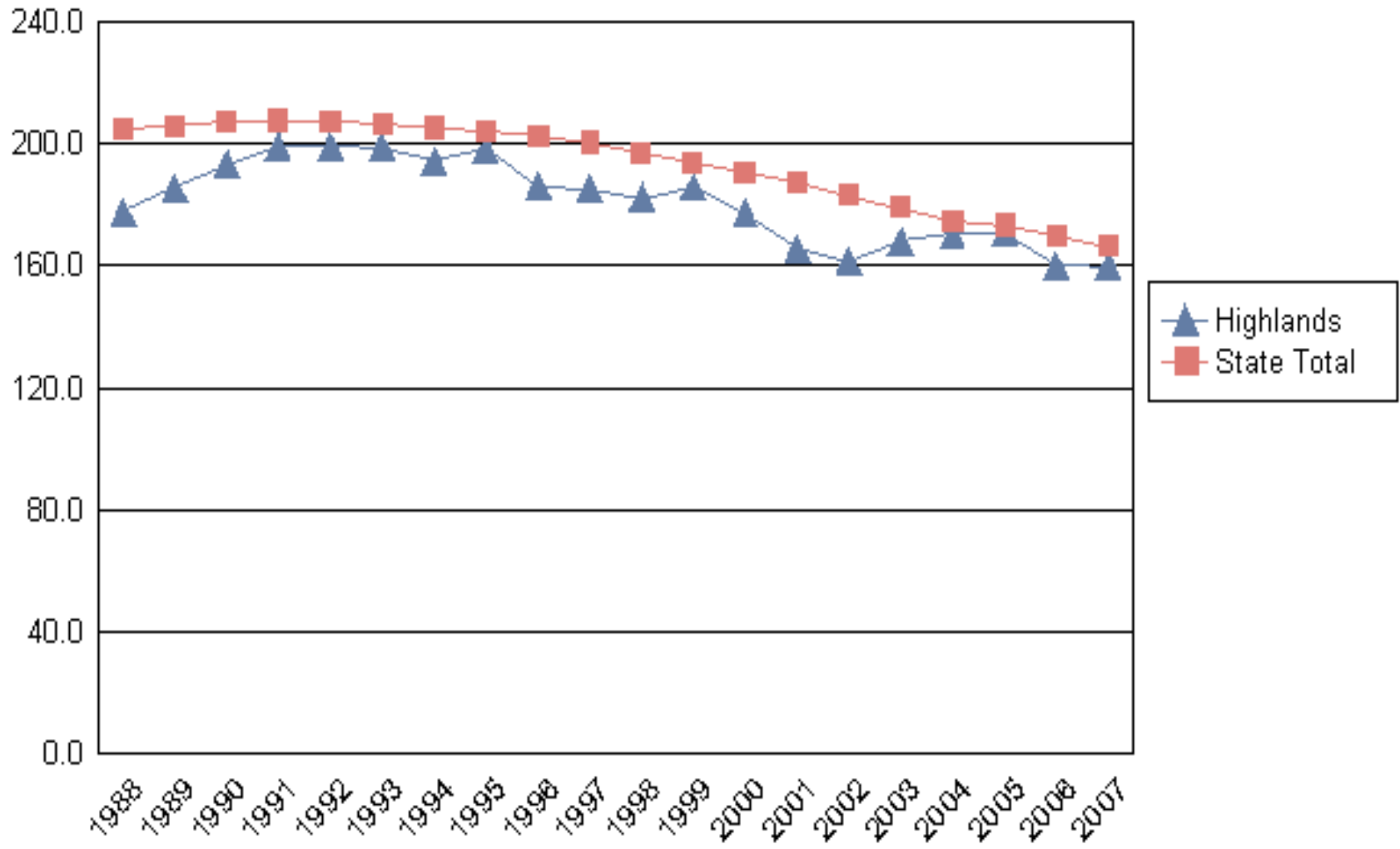
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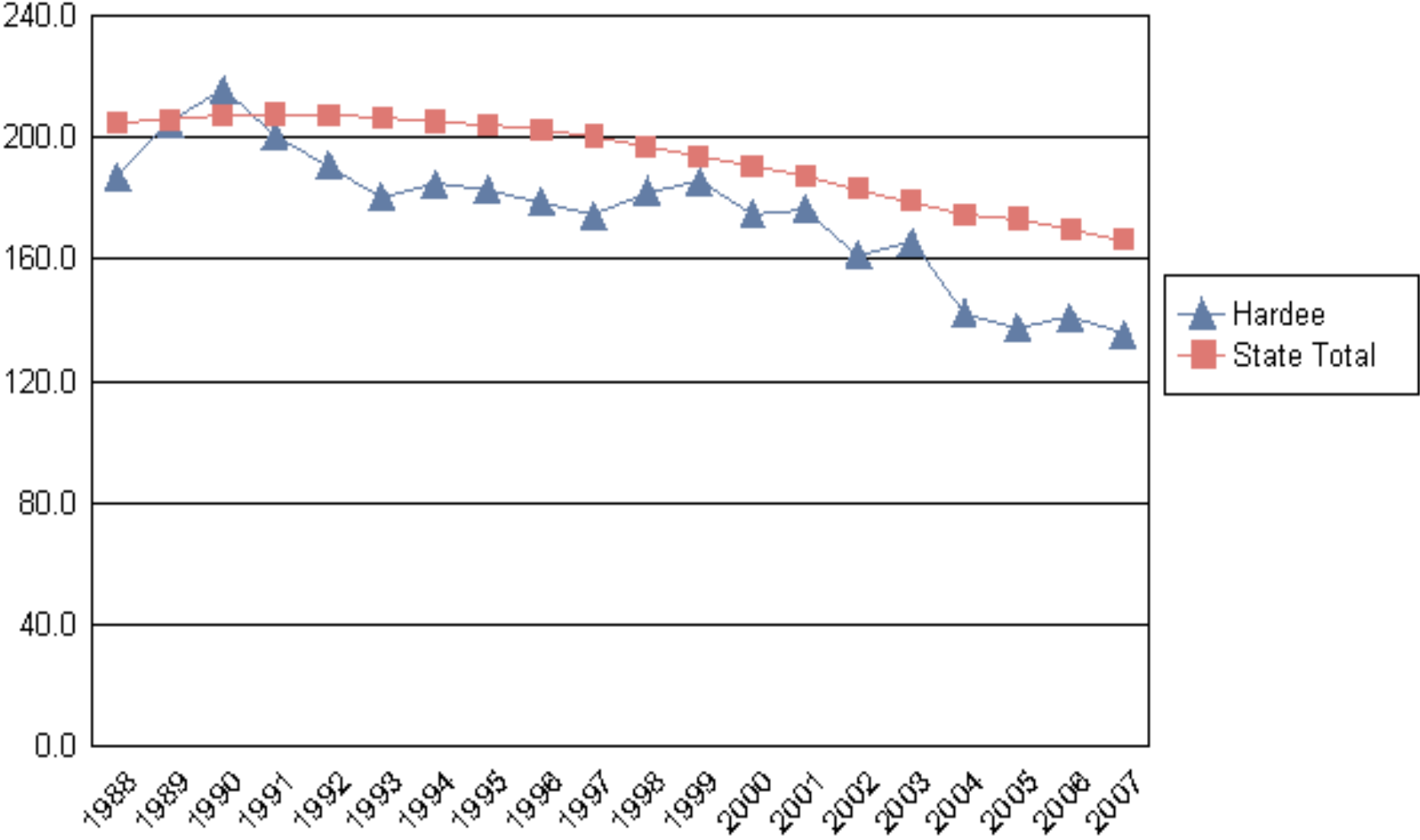
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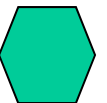
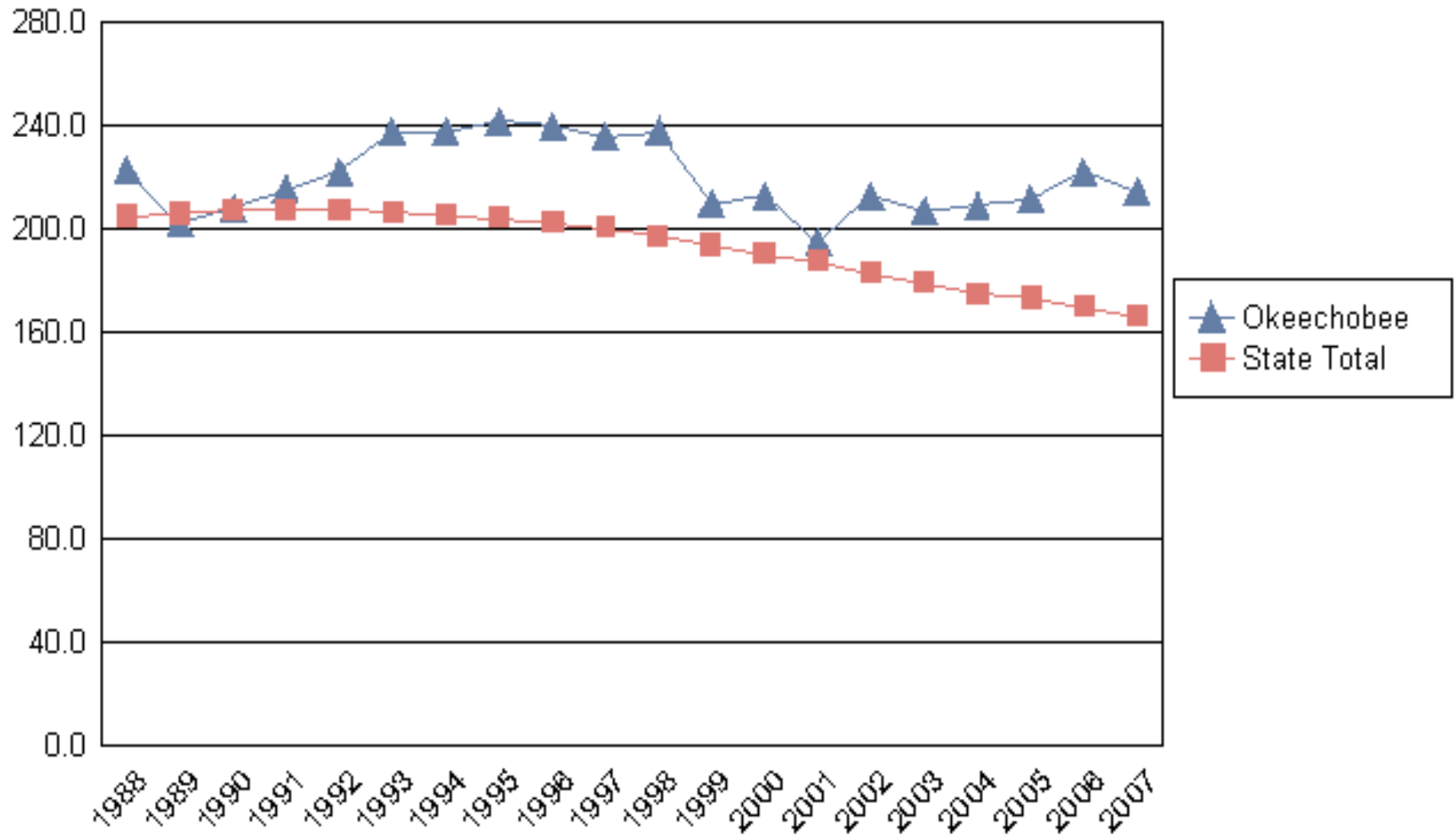
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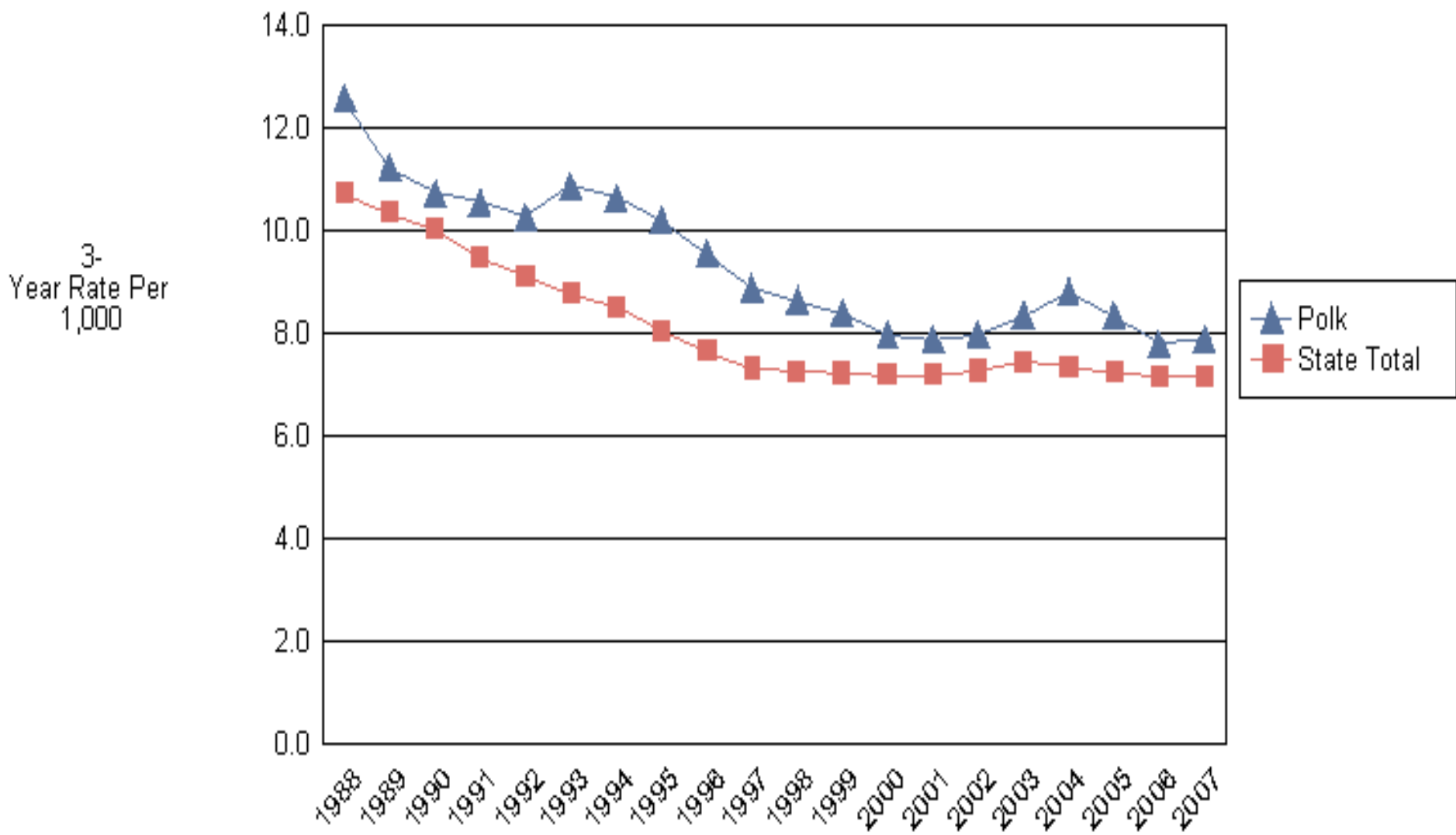


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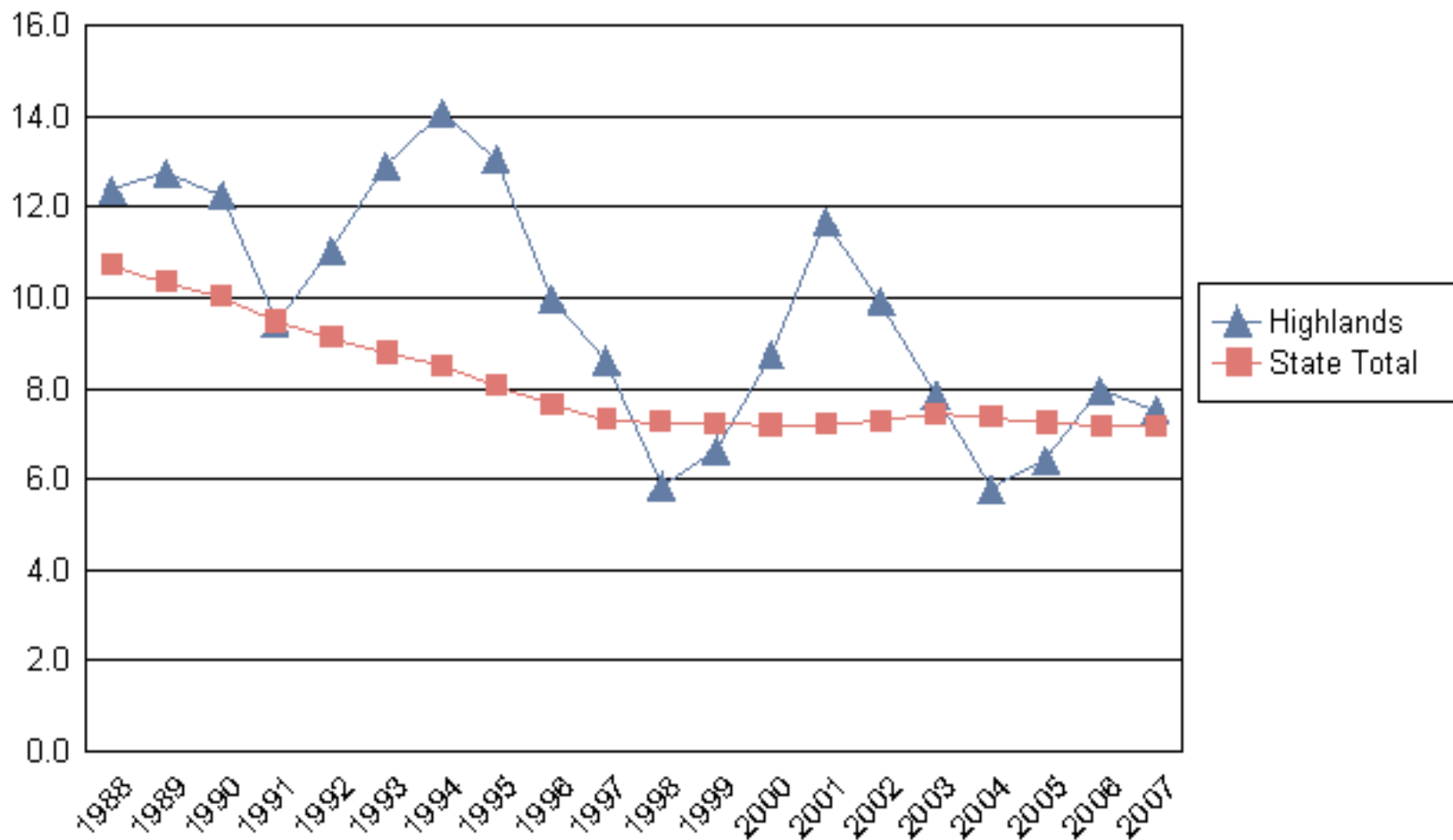


# Total Infant Mortality

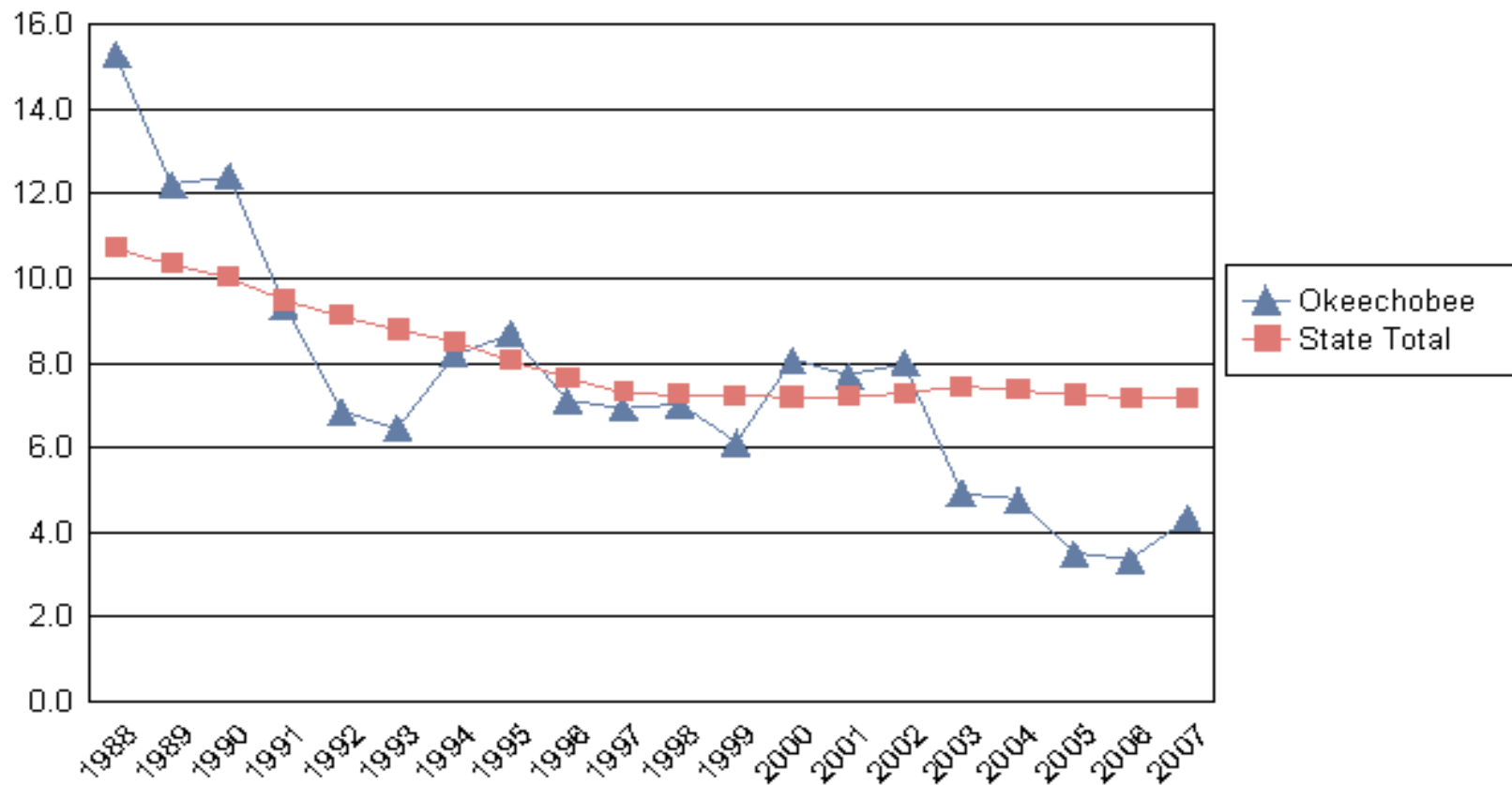
## Rolling 3-Year Rate Per 1,000 Live Births



# Total Infant Mortality Rolling 3-Year Rate Per 1,000 Live Births

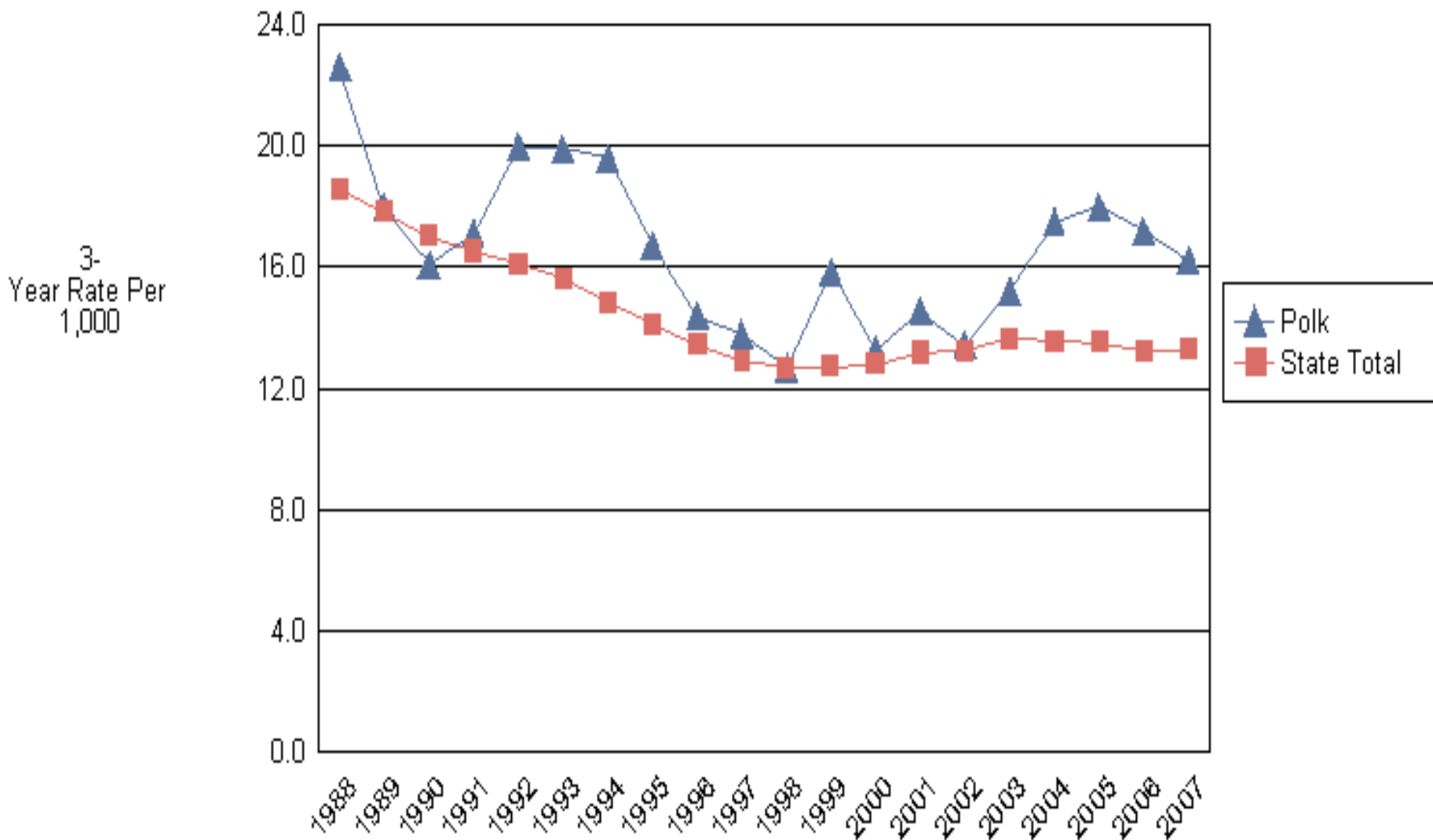


# Total Infant Mortality Rolling 3-Year Rate Per 1,000 Live Births



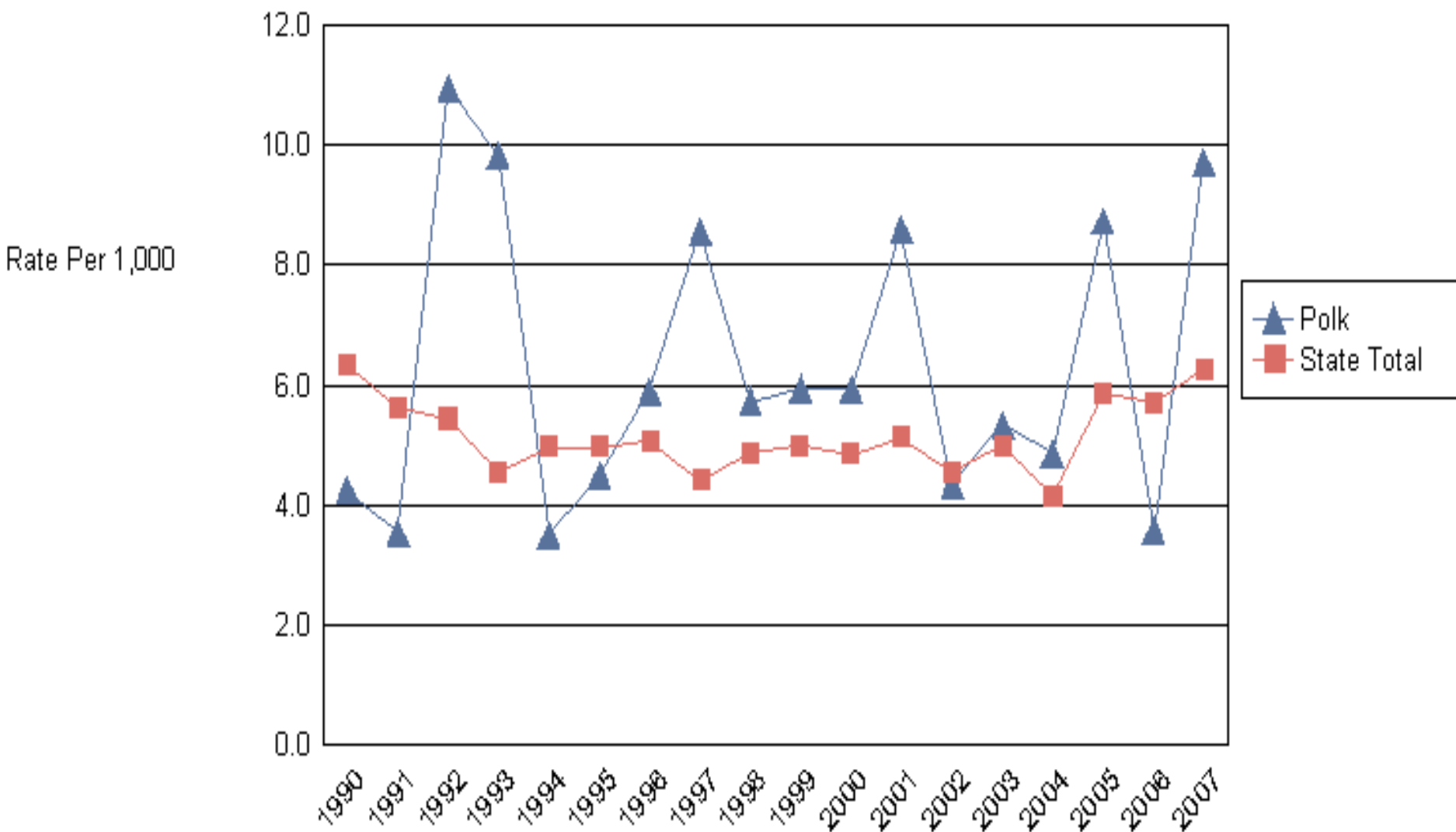
# Black Infant Mortality

## Rolling 3-Year Rate Per 1,000 Black Live Births



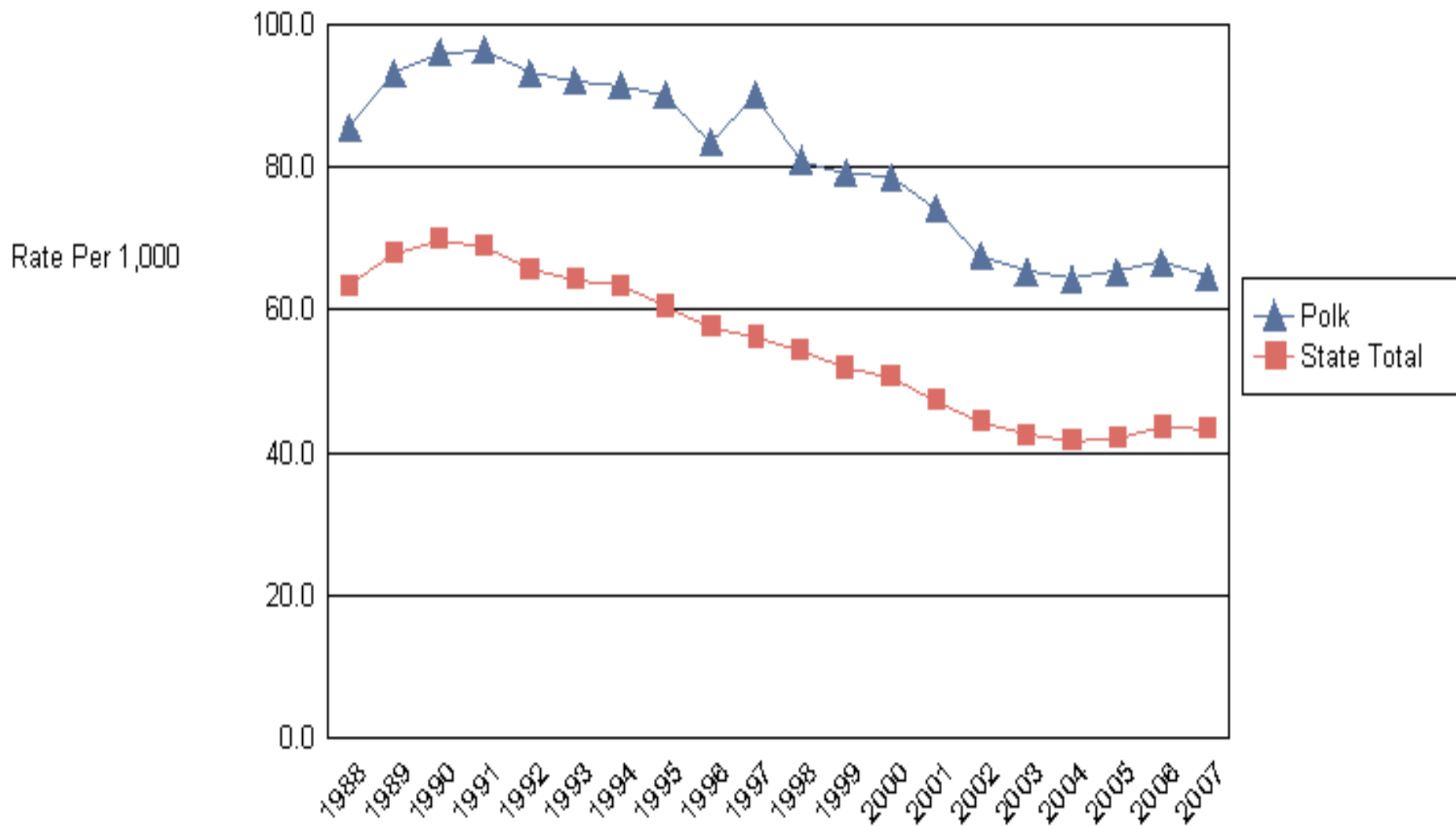
# Hispanic Infant Mortality

## Single-Year Rate Per 1,000 Hispanic Live Births

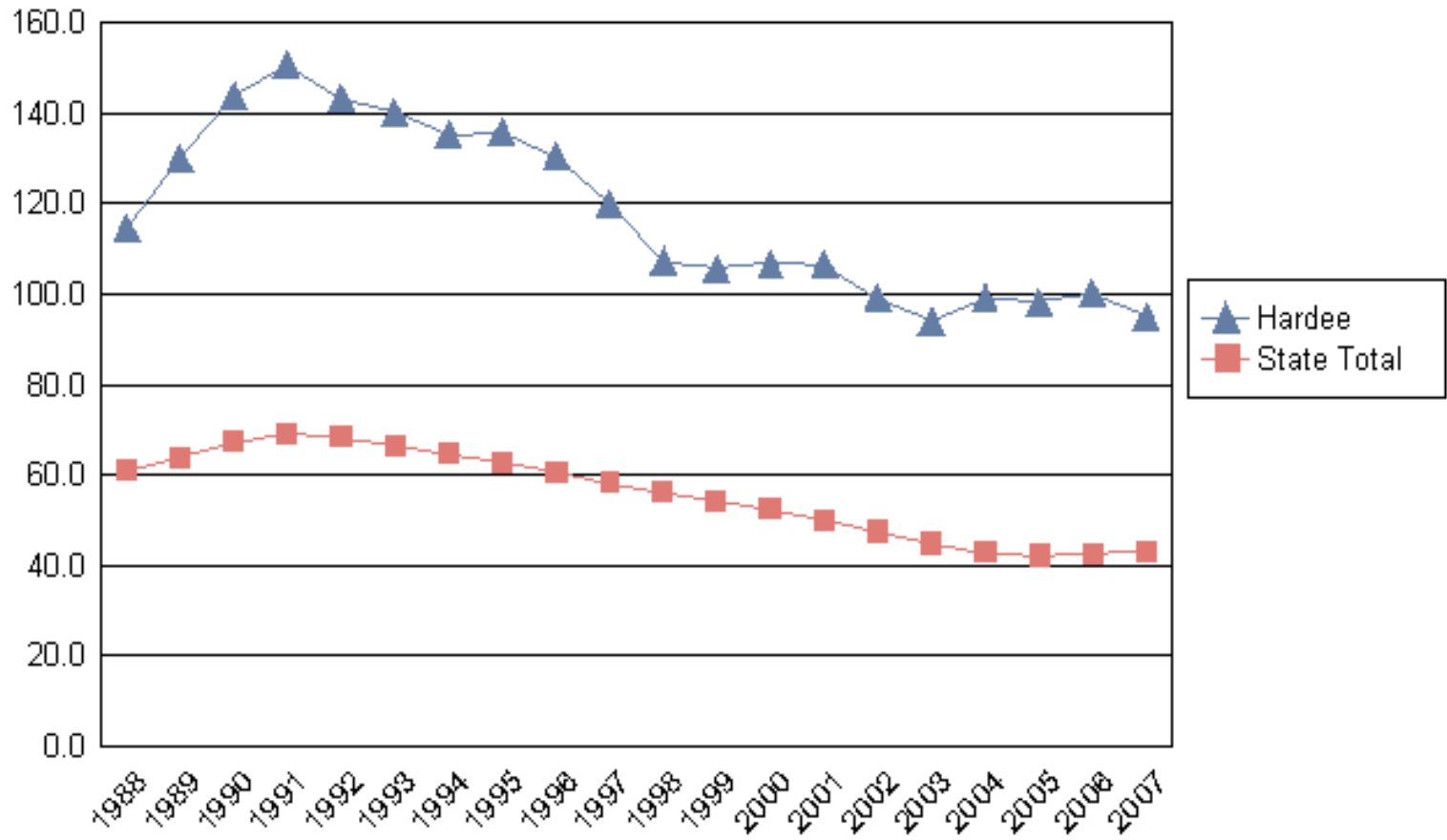


# Births to Mothers Ages 15-19

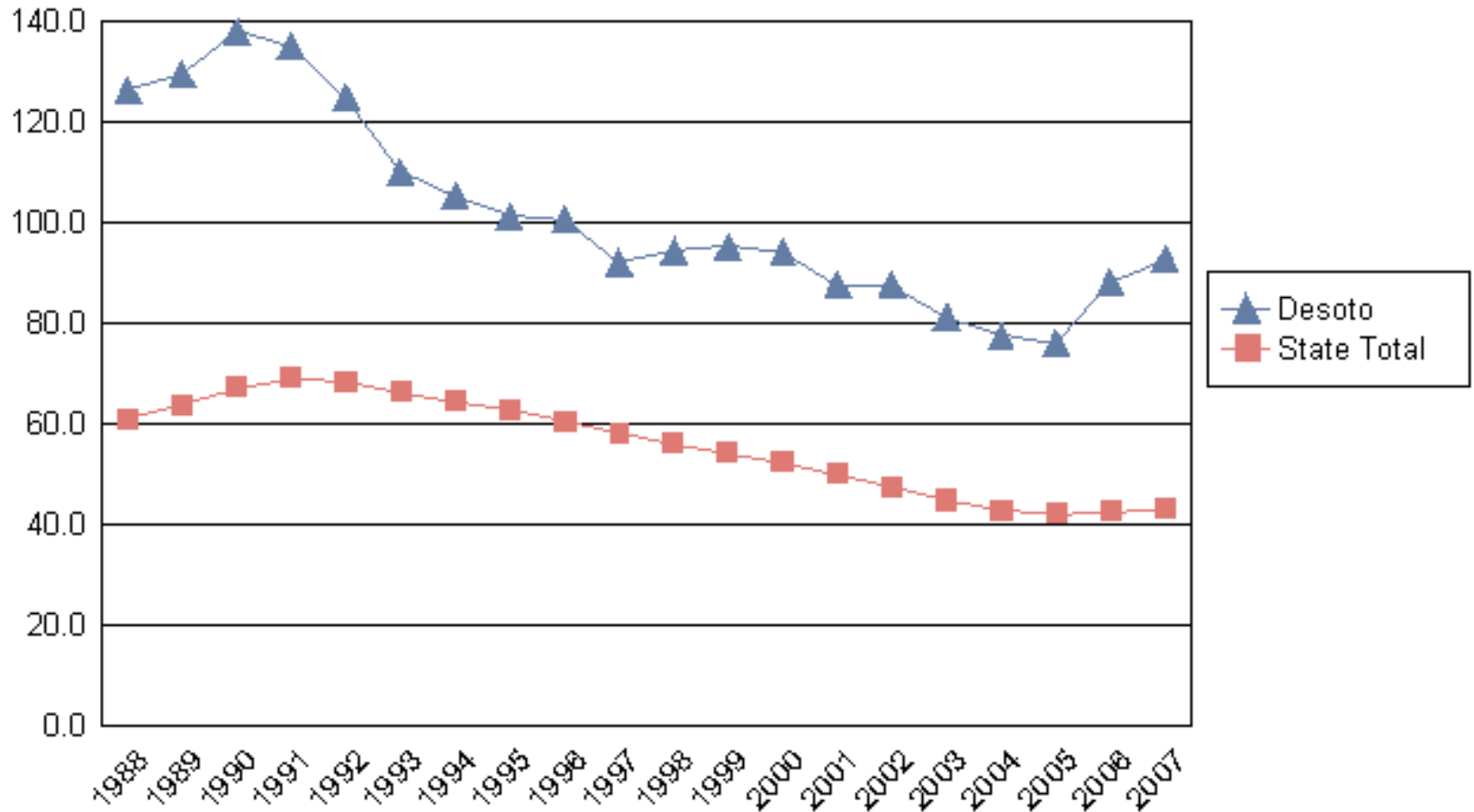
## Single-Year Rate Per 1,000 Females Ages 15-19



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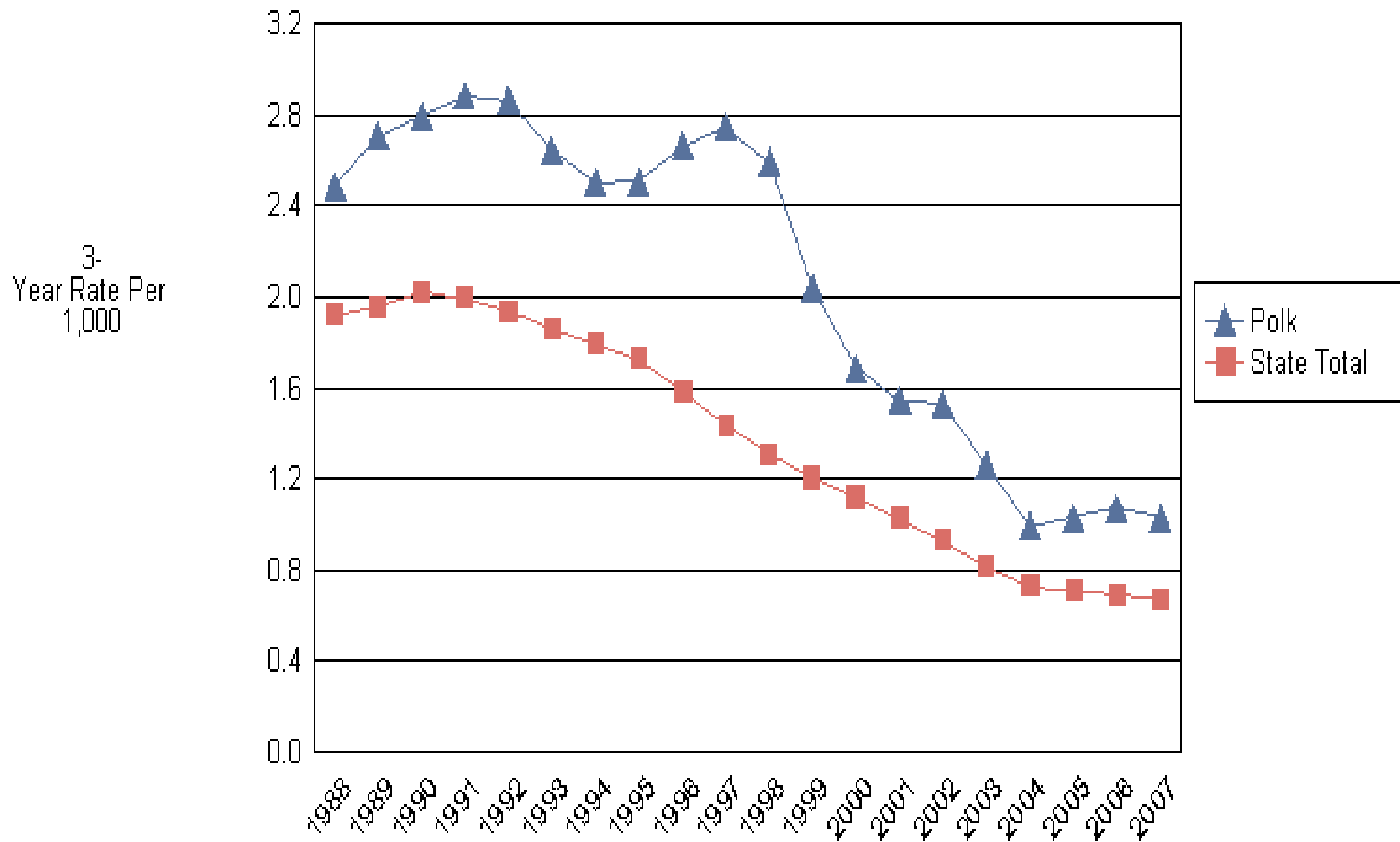


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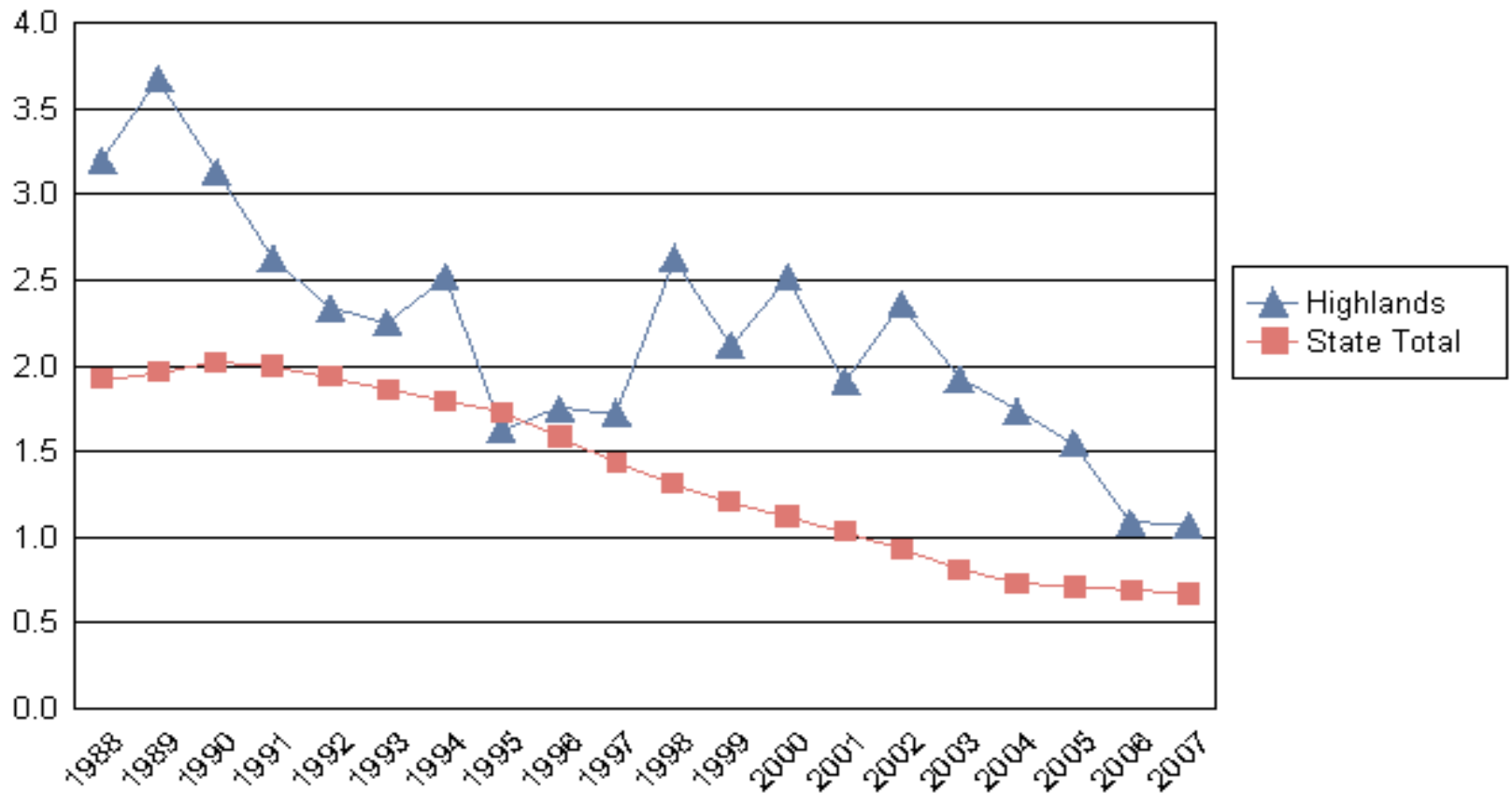


# Births to Mothers Ages 10-14

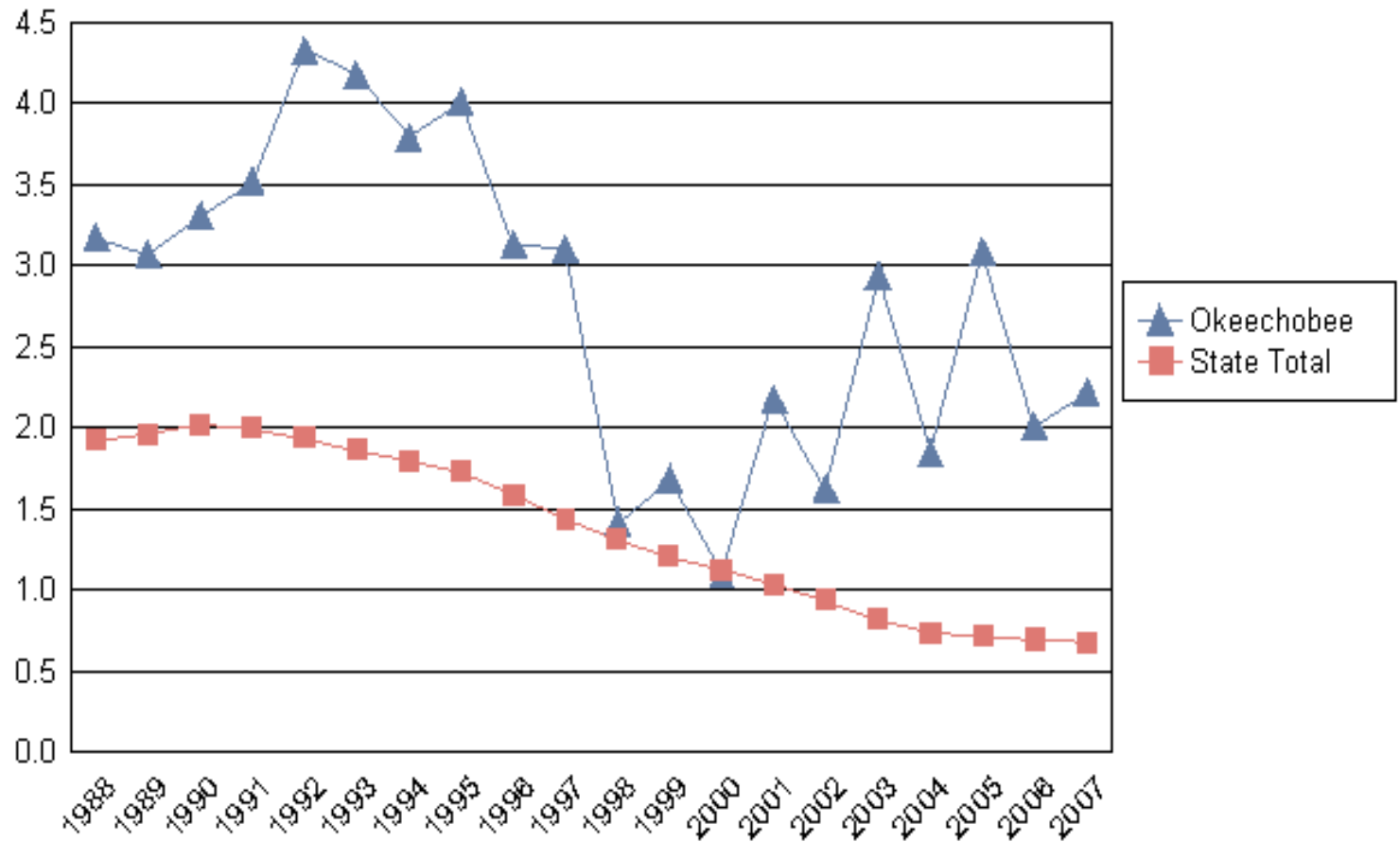
## Rolling 3-Year Rate Per 1,000 Females Ages 10-14



## Births to Mothers Ages 10-14 Per 1,000 Females Ages 10-14

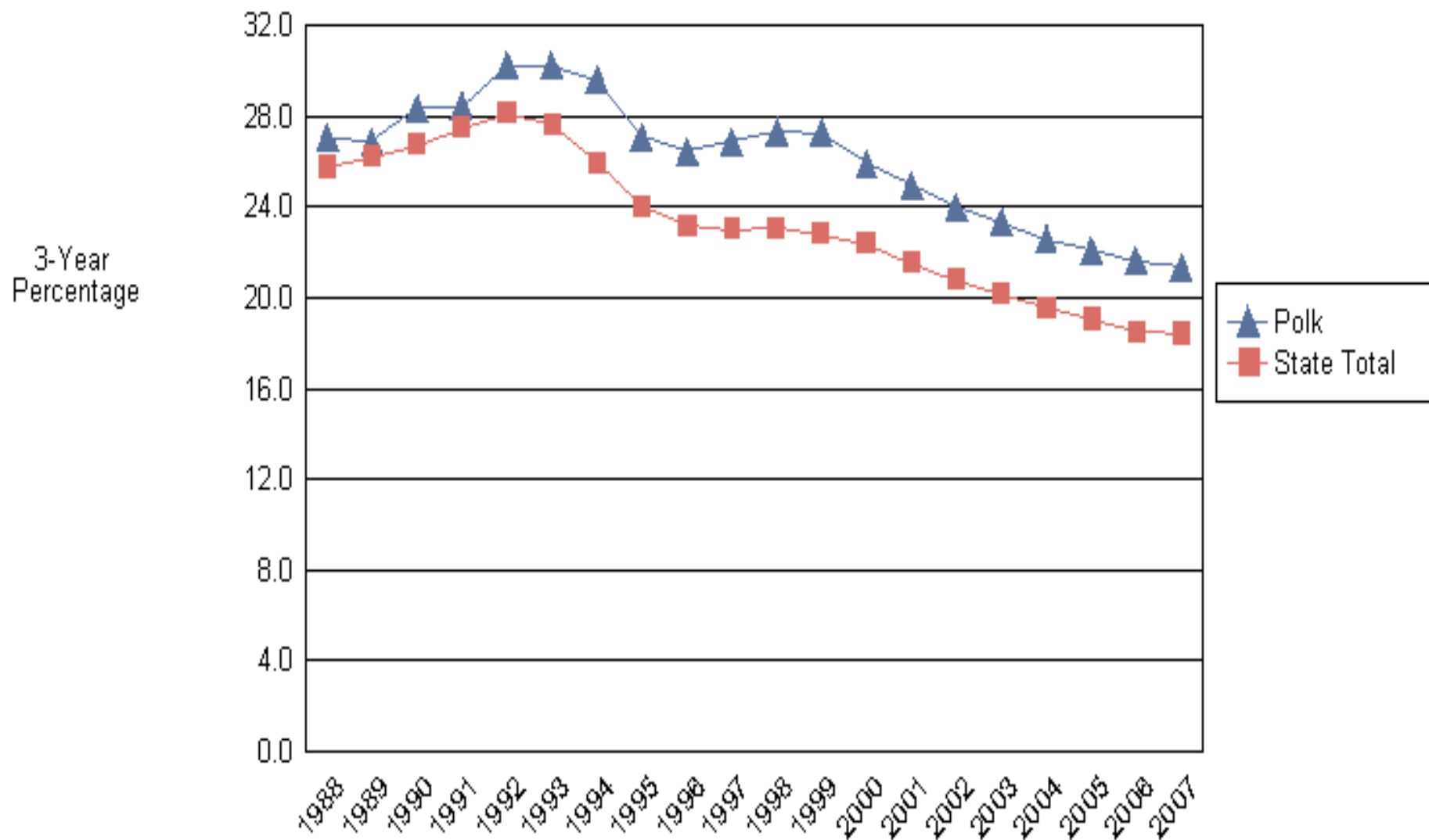


# Births to Mothers Ages 10-14 Per 1,000 Females Ages 10-14



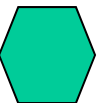
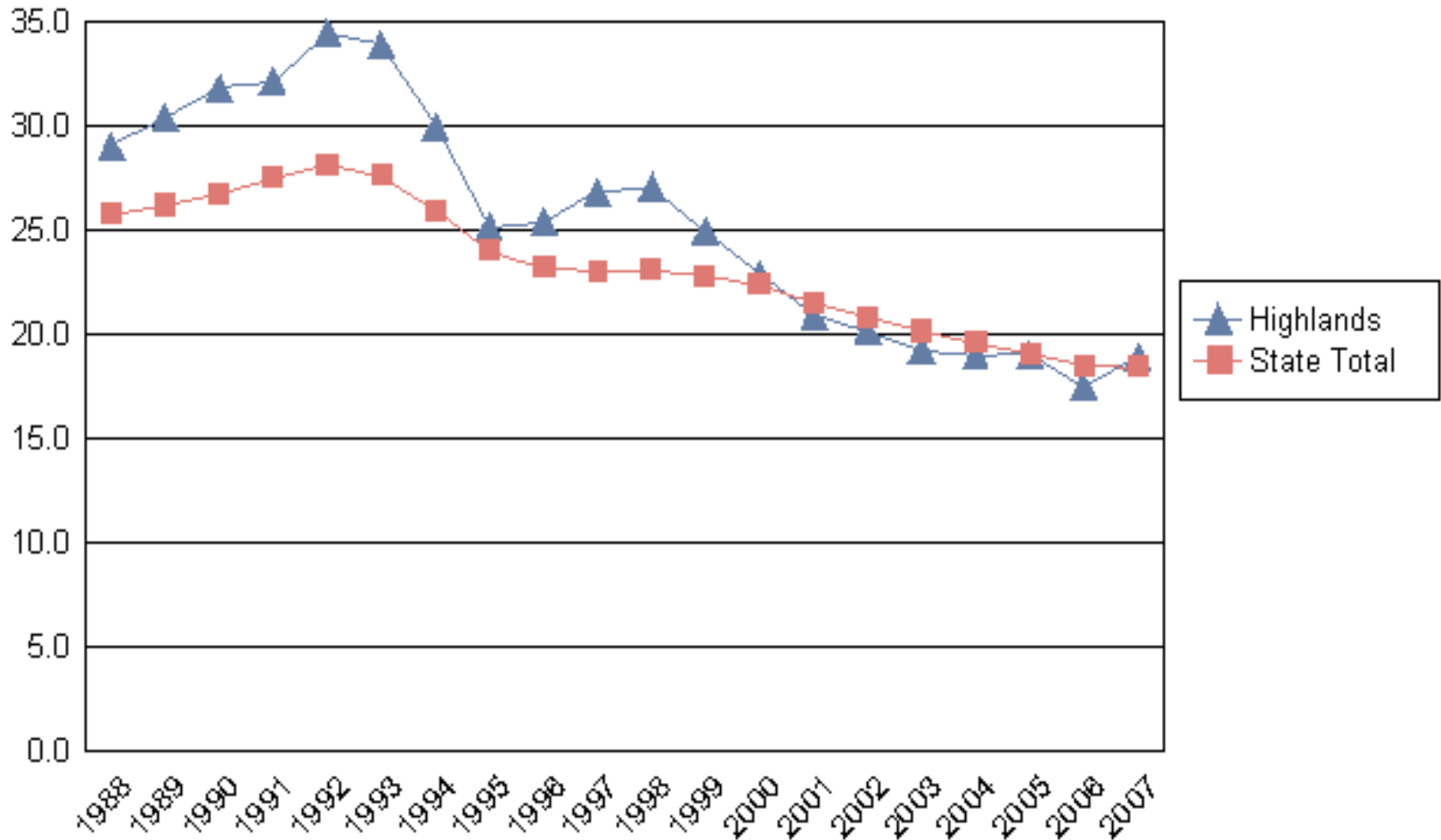
# Repeat Births to Mothers Ages 15-19

## Rolling 3-Year Percentage Teens With Previous Births



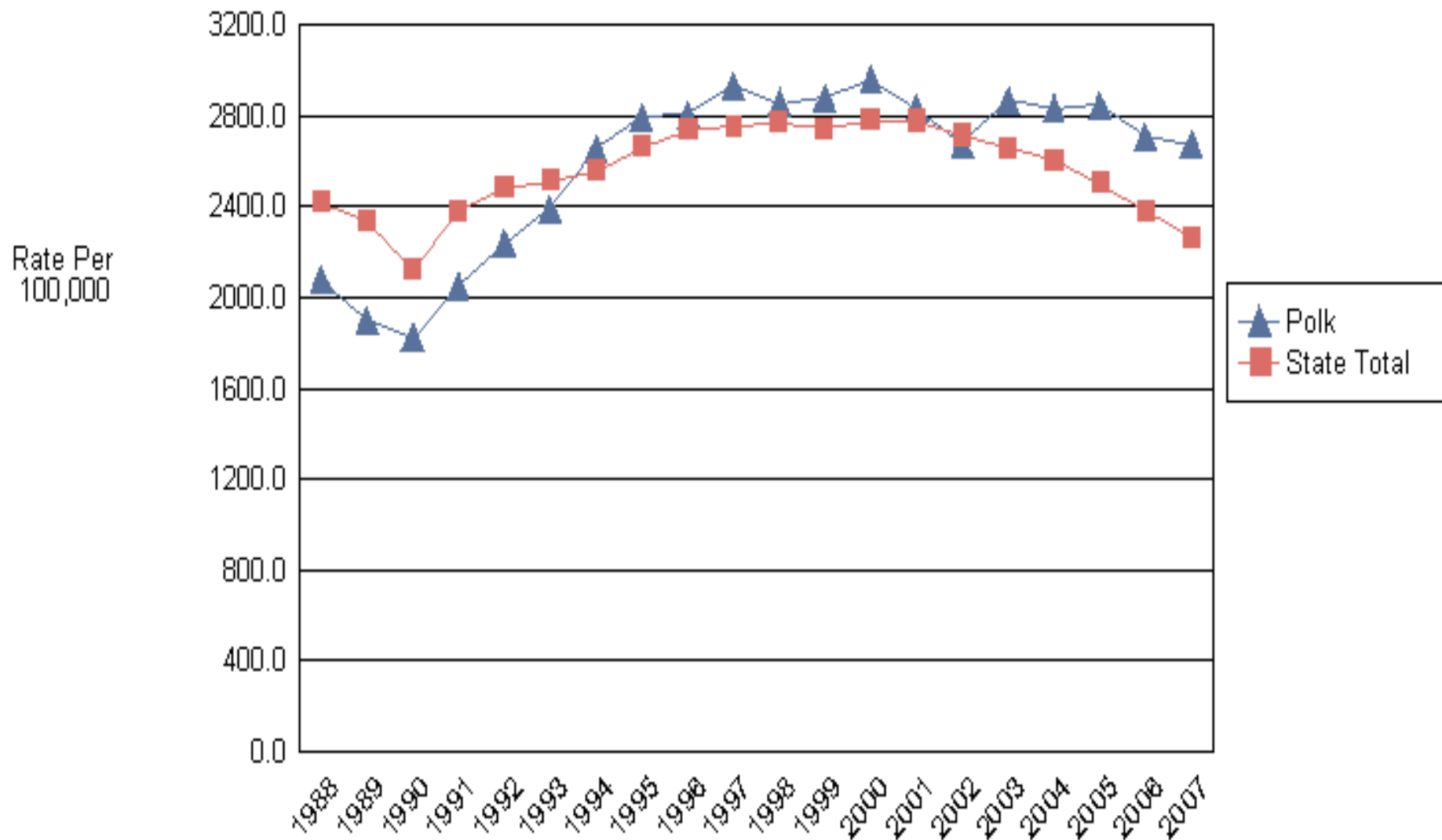
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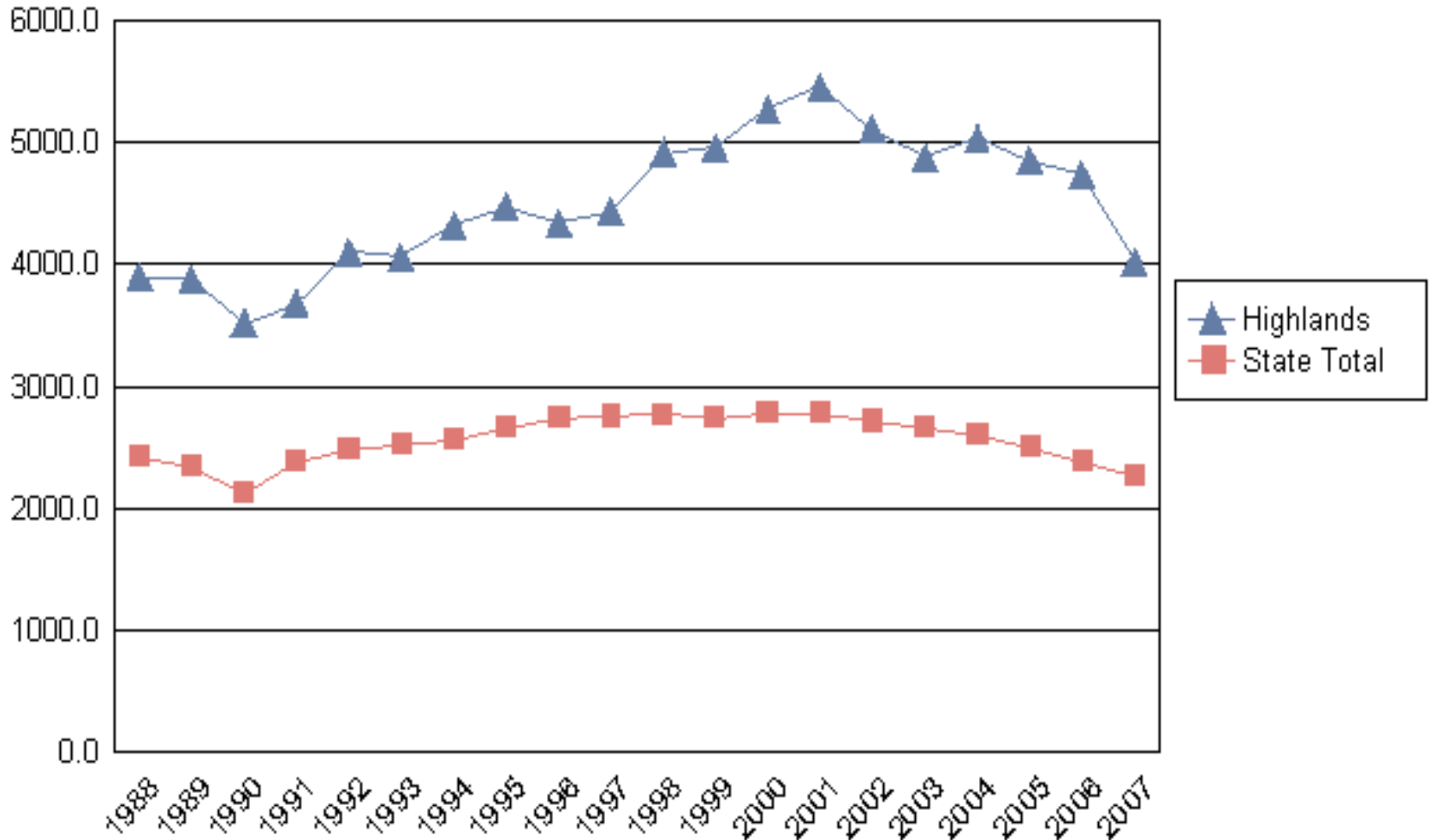
# Hospitalizations From Diseases of the Circulatory System

## Single-Year Rate Per 100,000 Population



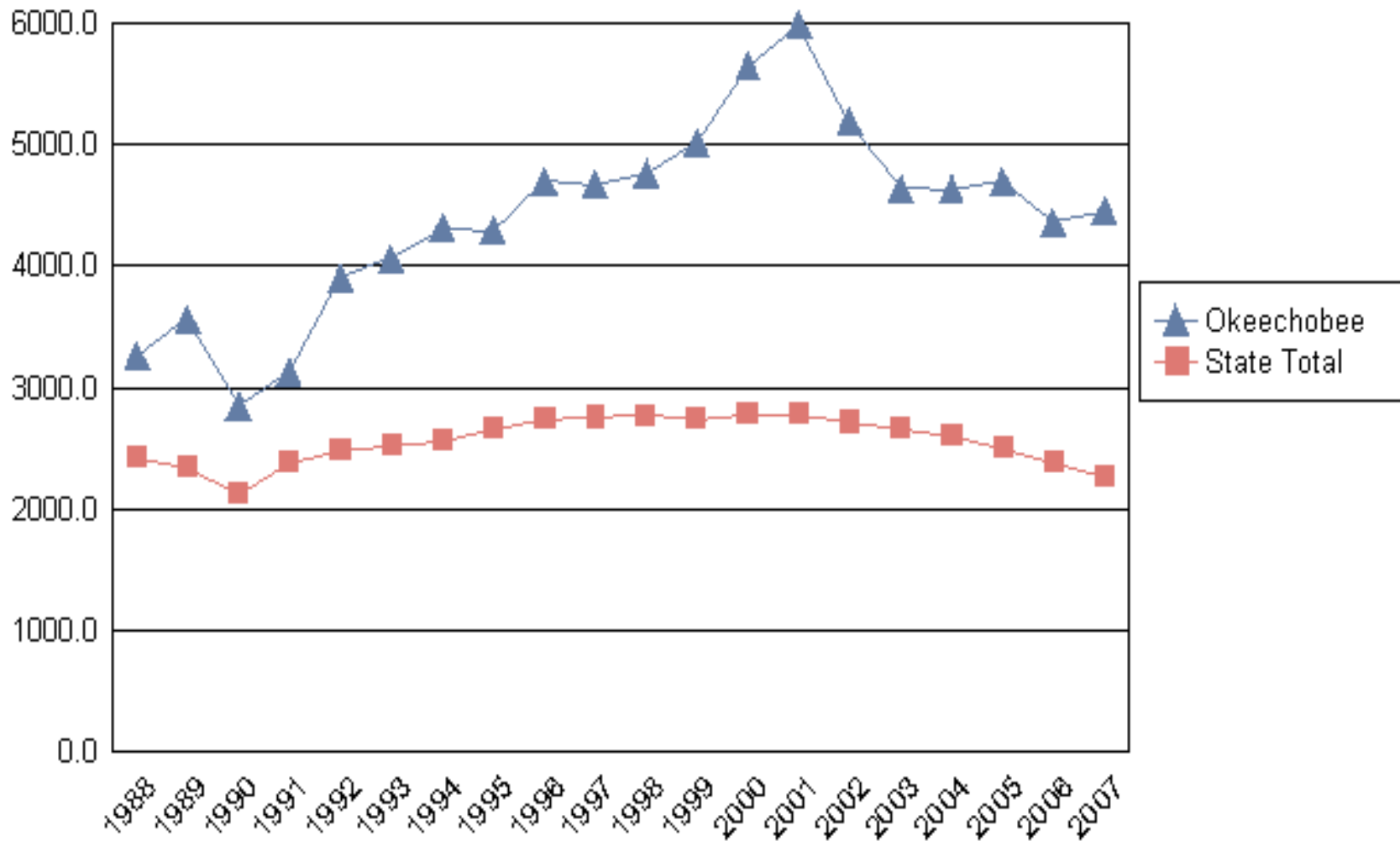
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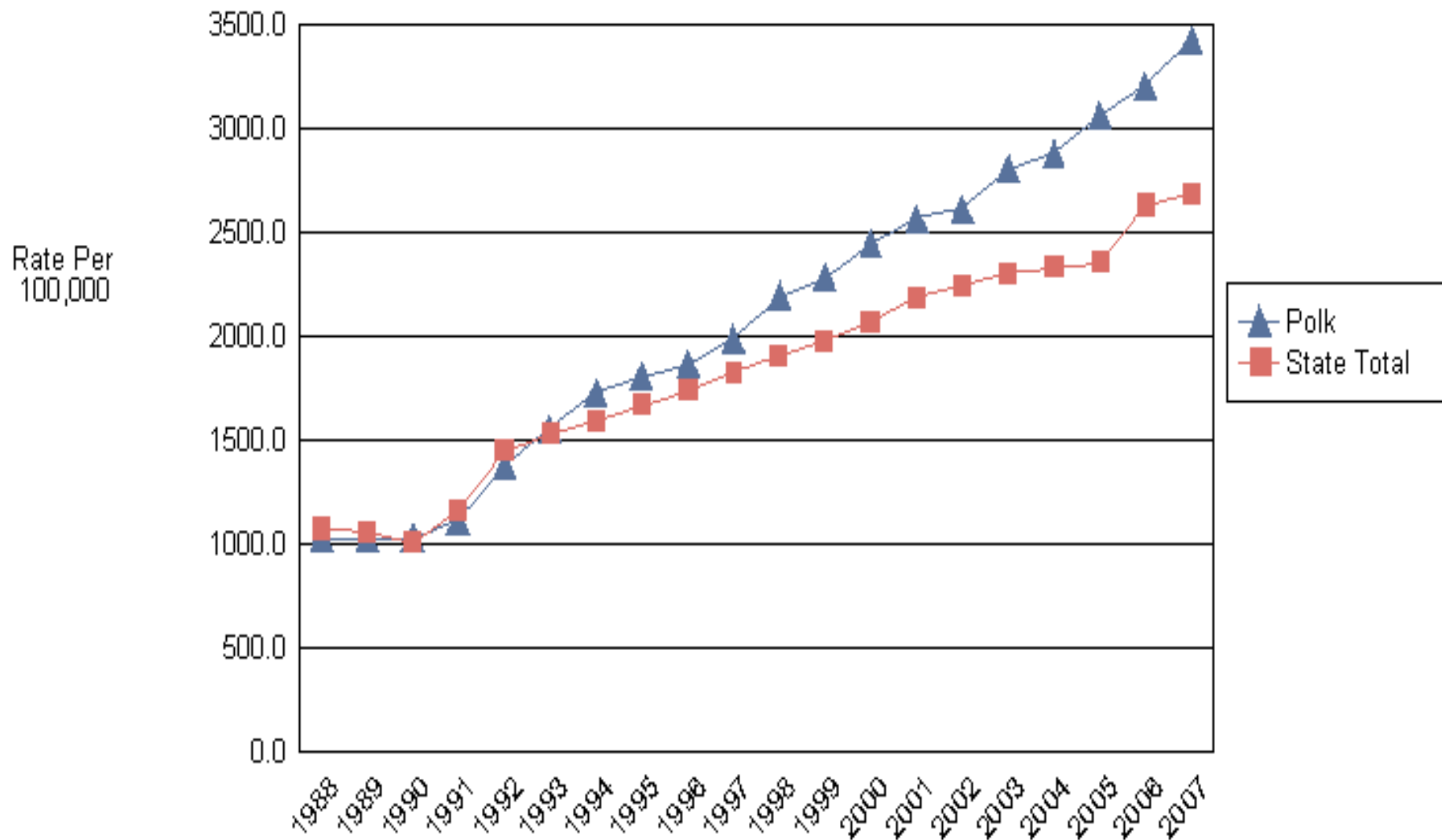
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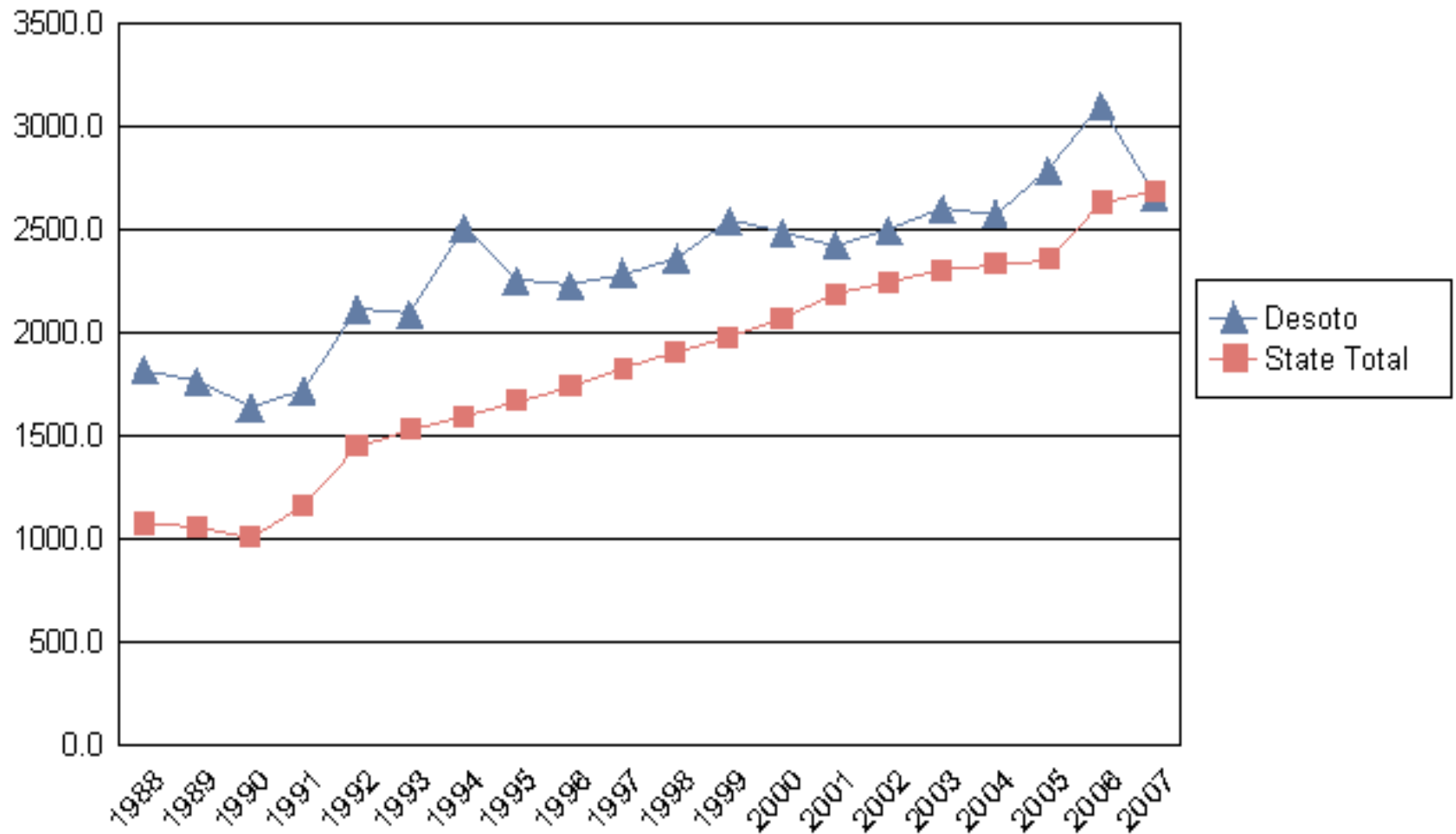


# Hospitalizations From or With Diabetes

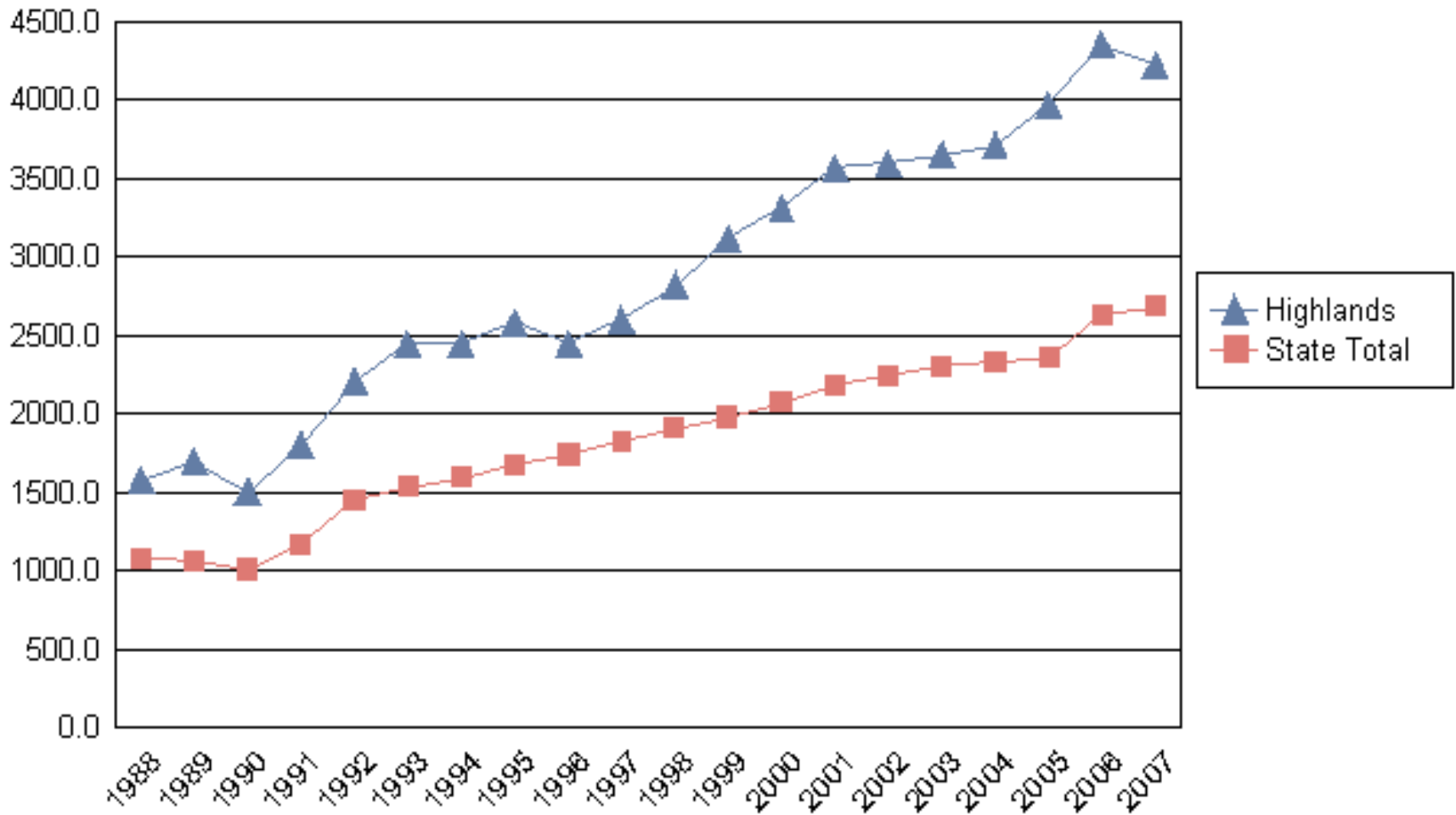
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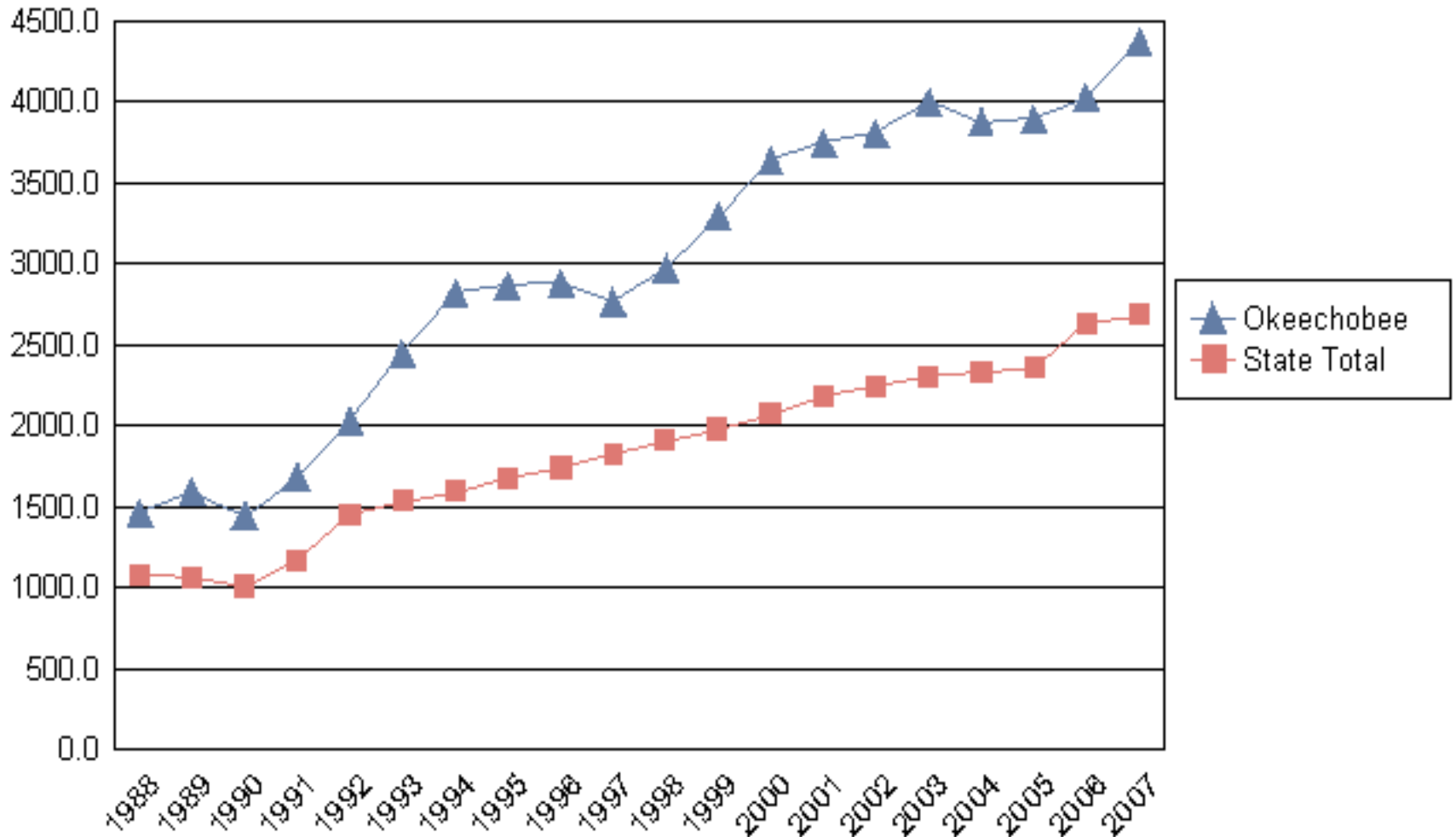
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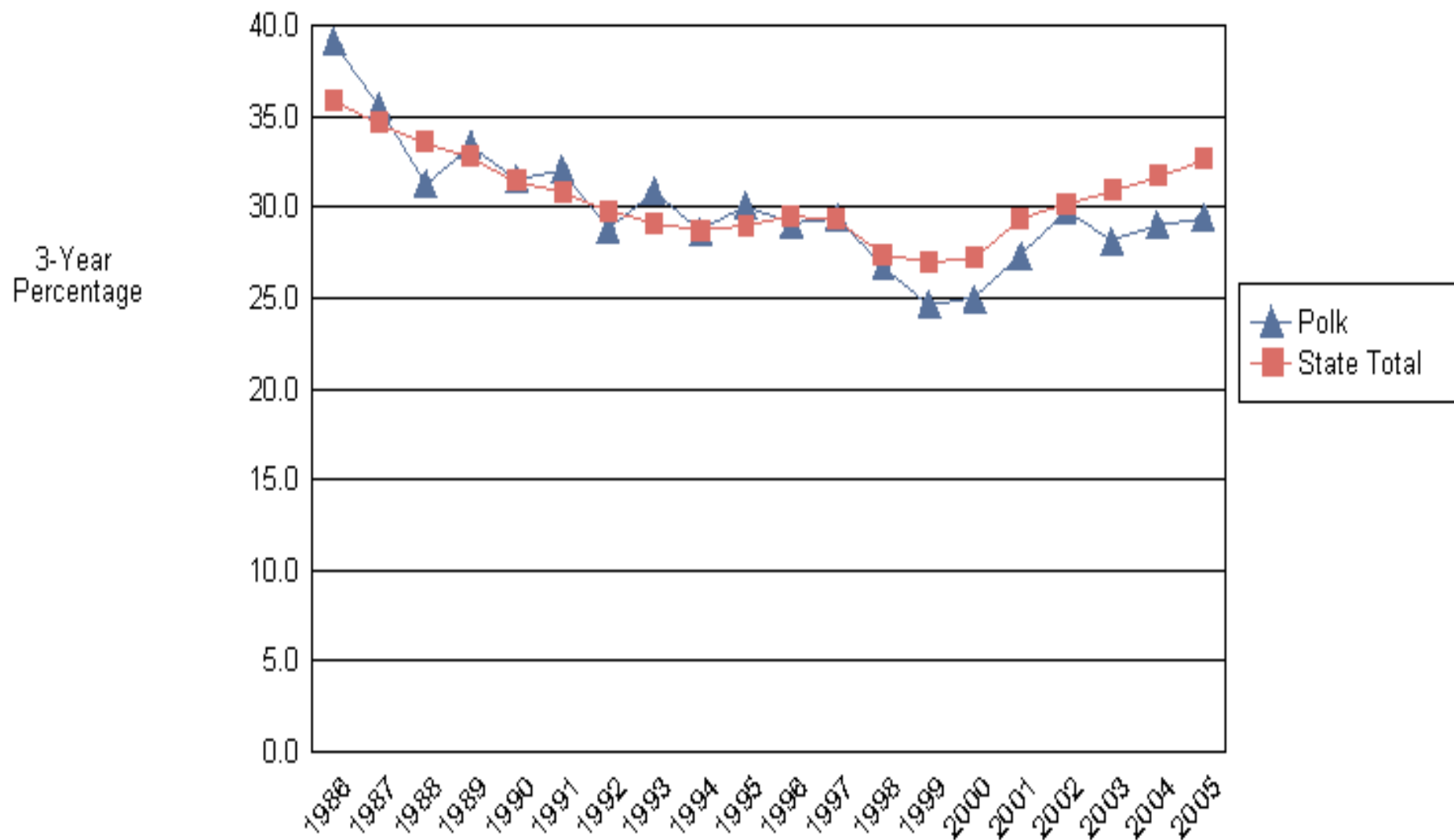


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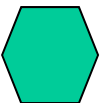
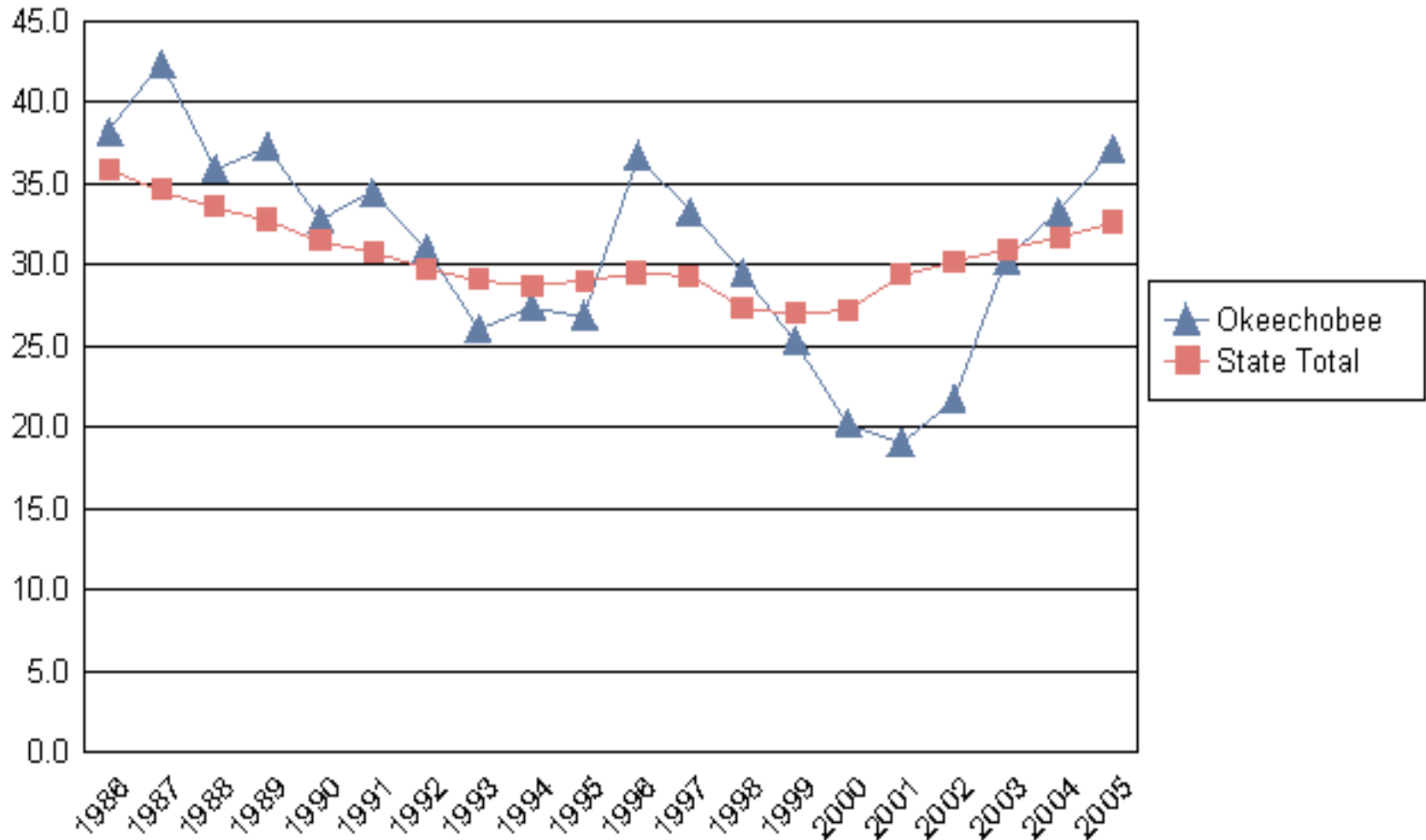


# Advanced Stage Breast Cancer at Diagnosis

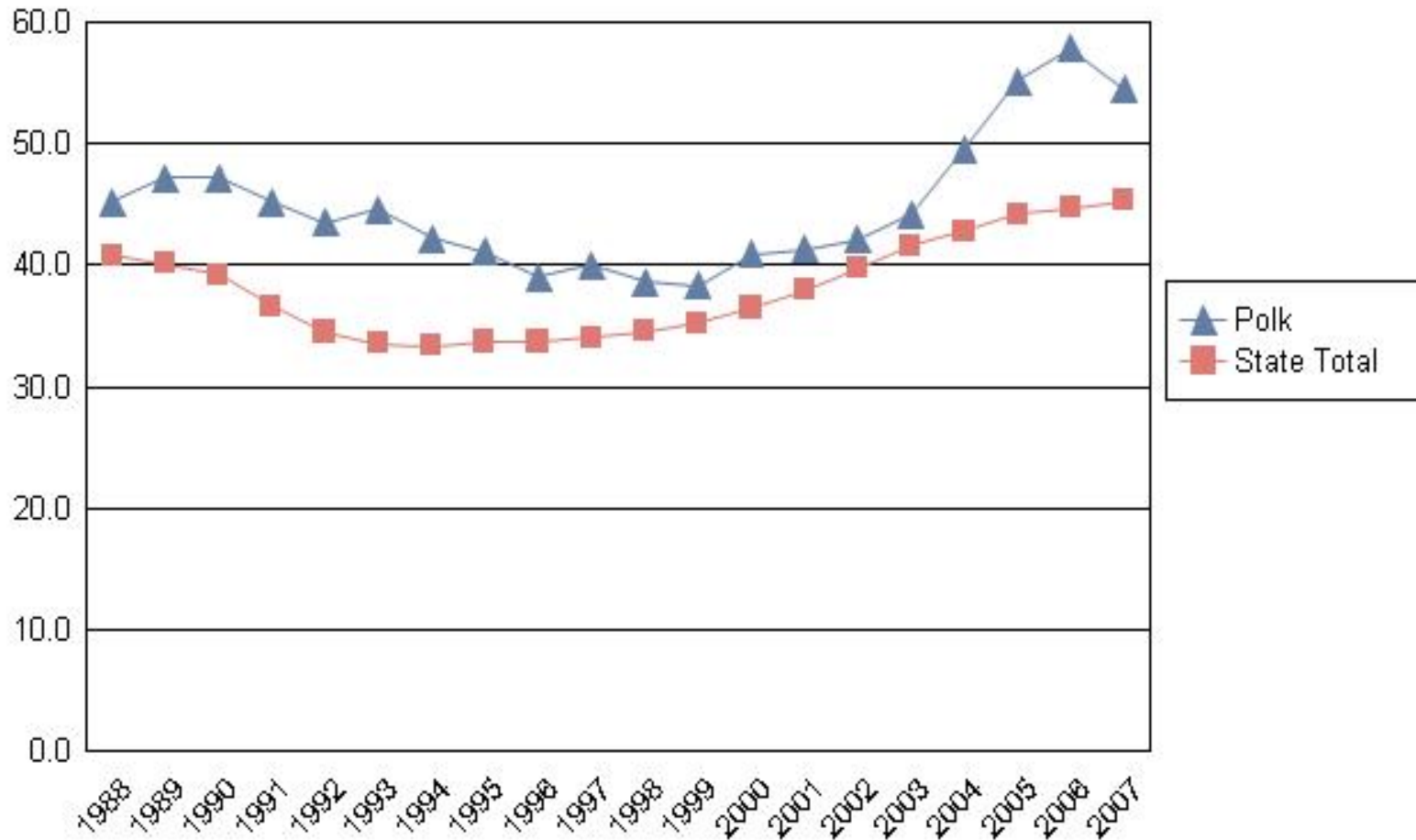
## Rolling 3-Year Percentage



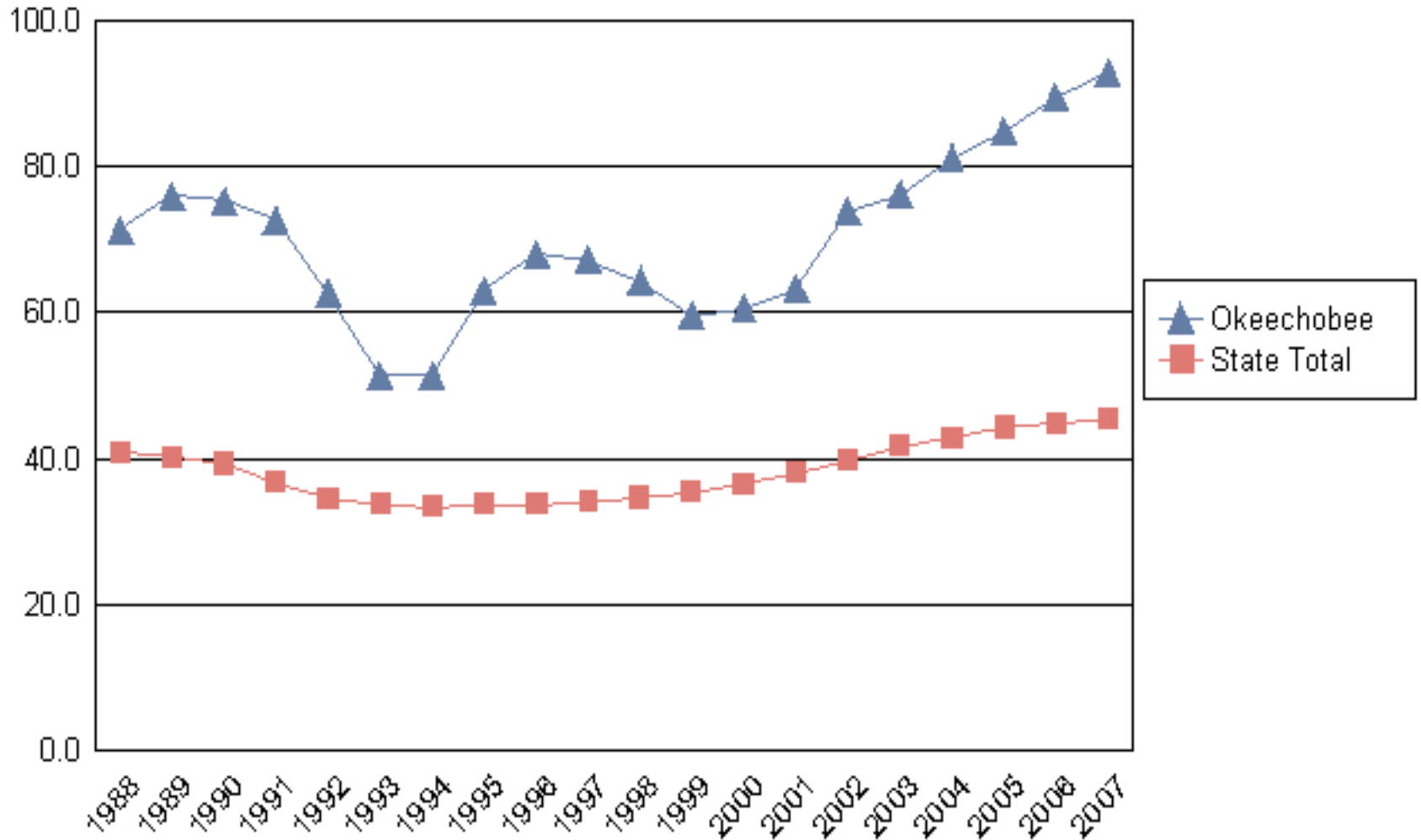
# Advanced Stage Breast Cancer at Diagnosis Rolling 3-Year Percentage



# Age-Adjusted Unintentional Injury (Accident) 3-Year Death Rate Per 100,000 Population

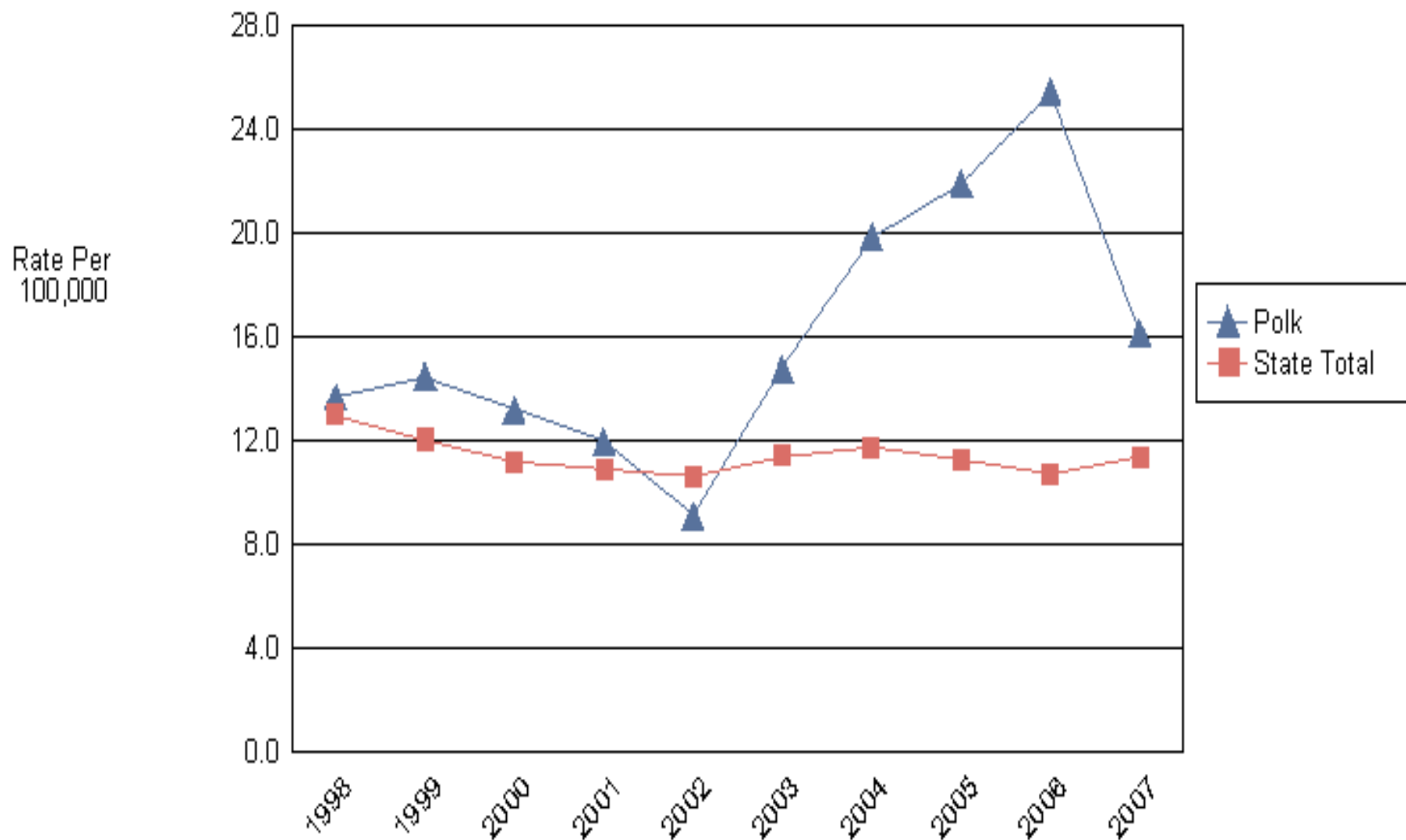


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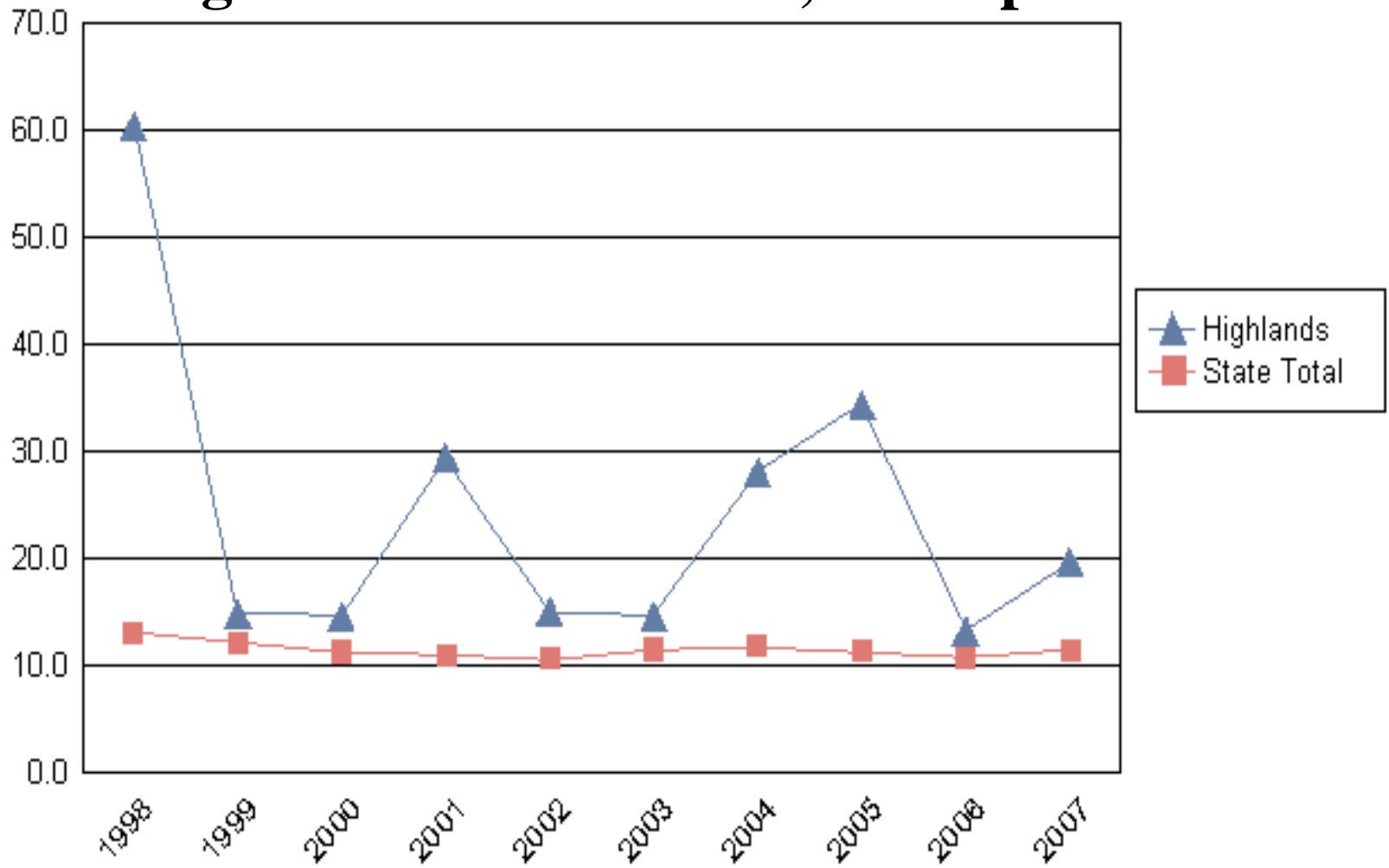


# Deaths-Unintentional Injuries 0-14

## Single-Year Rate Per 100,000 Population

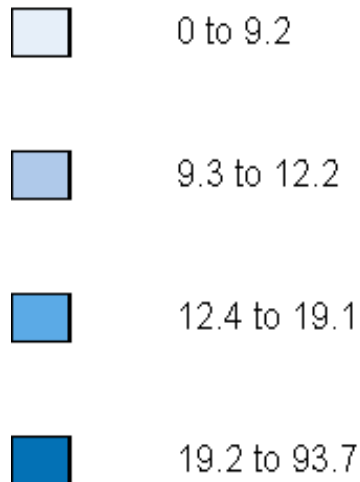


# Deaths-Unintentional Injuries 0-14 Single-Year Rate Per 100,000 Population



# Three Year Deaths-Unintentional Injuries 0-14 Per 100,000 Calendar Years 2005 to 2007

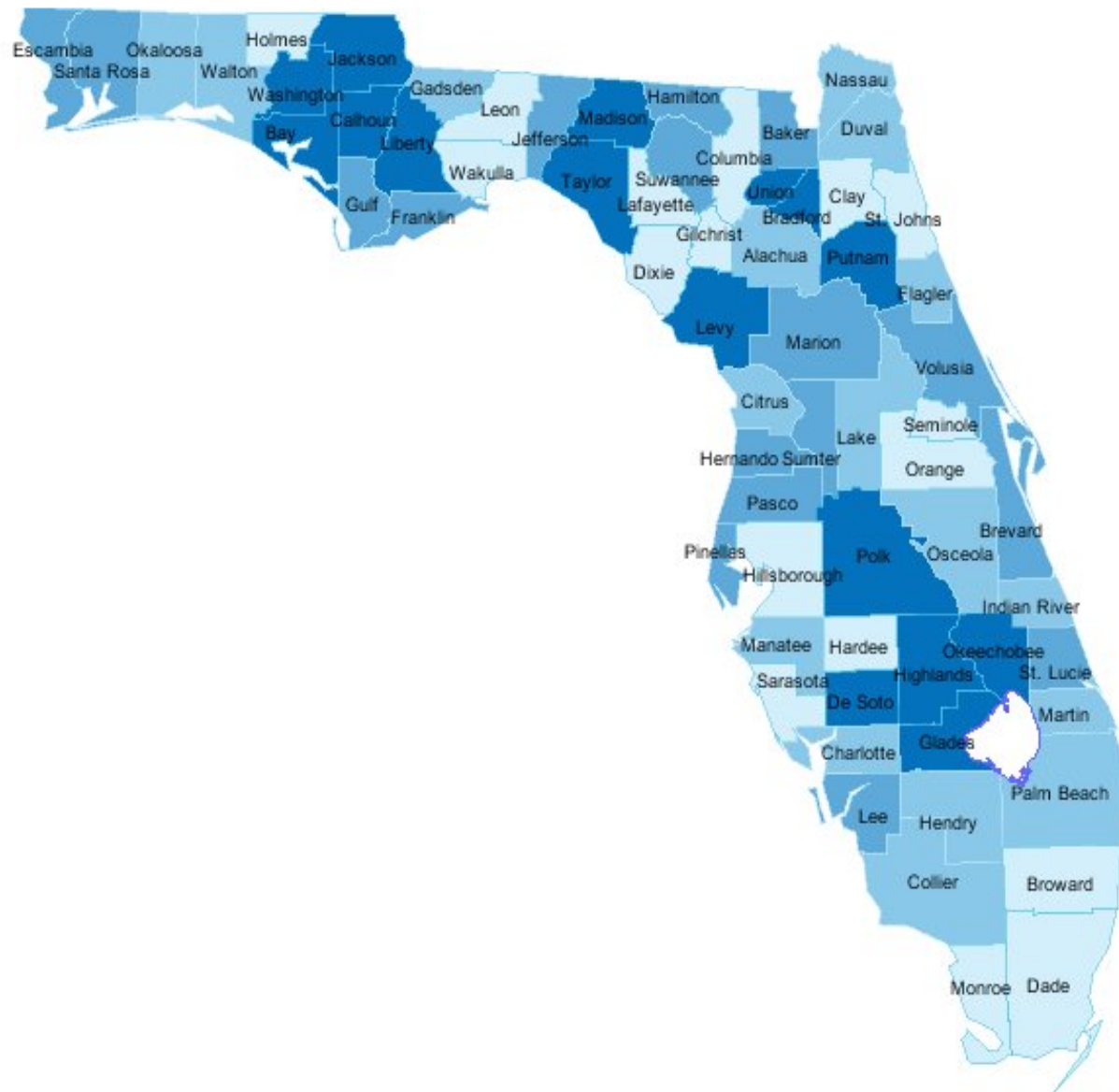
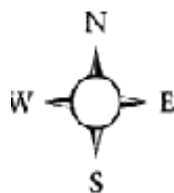
## Legend



**State** 11.1

Move your mouse over a county to view it's data.

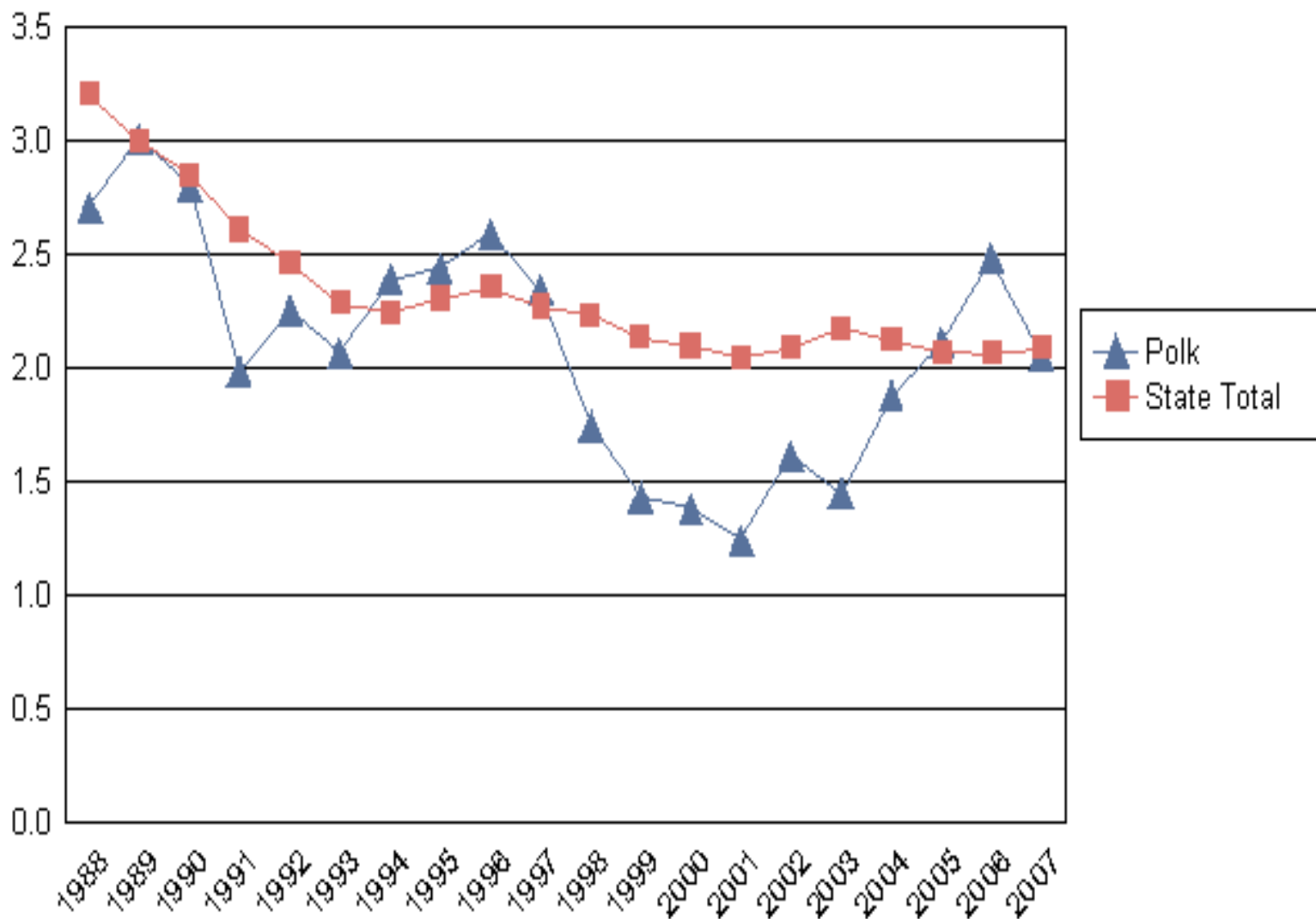
[Print map](#) (Landscape recommended)



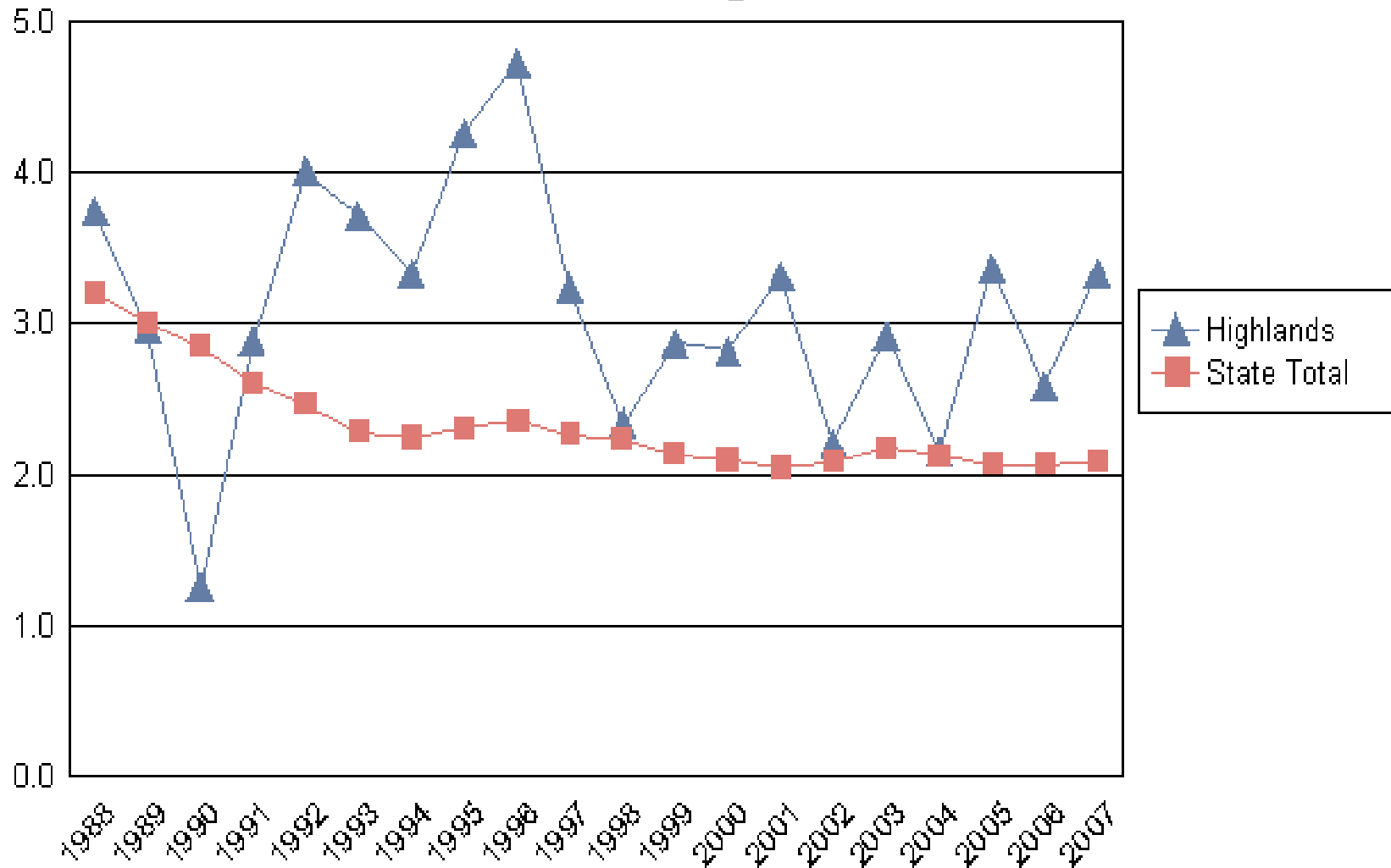
# Age-Adjusted Unintentional Drowning 3-Year Death Rate

## Rolling 3-Year Age-Adjusted Death Rate Per 100,000 Population

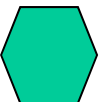
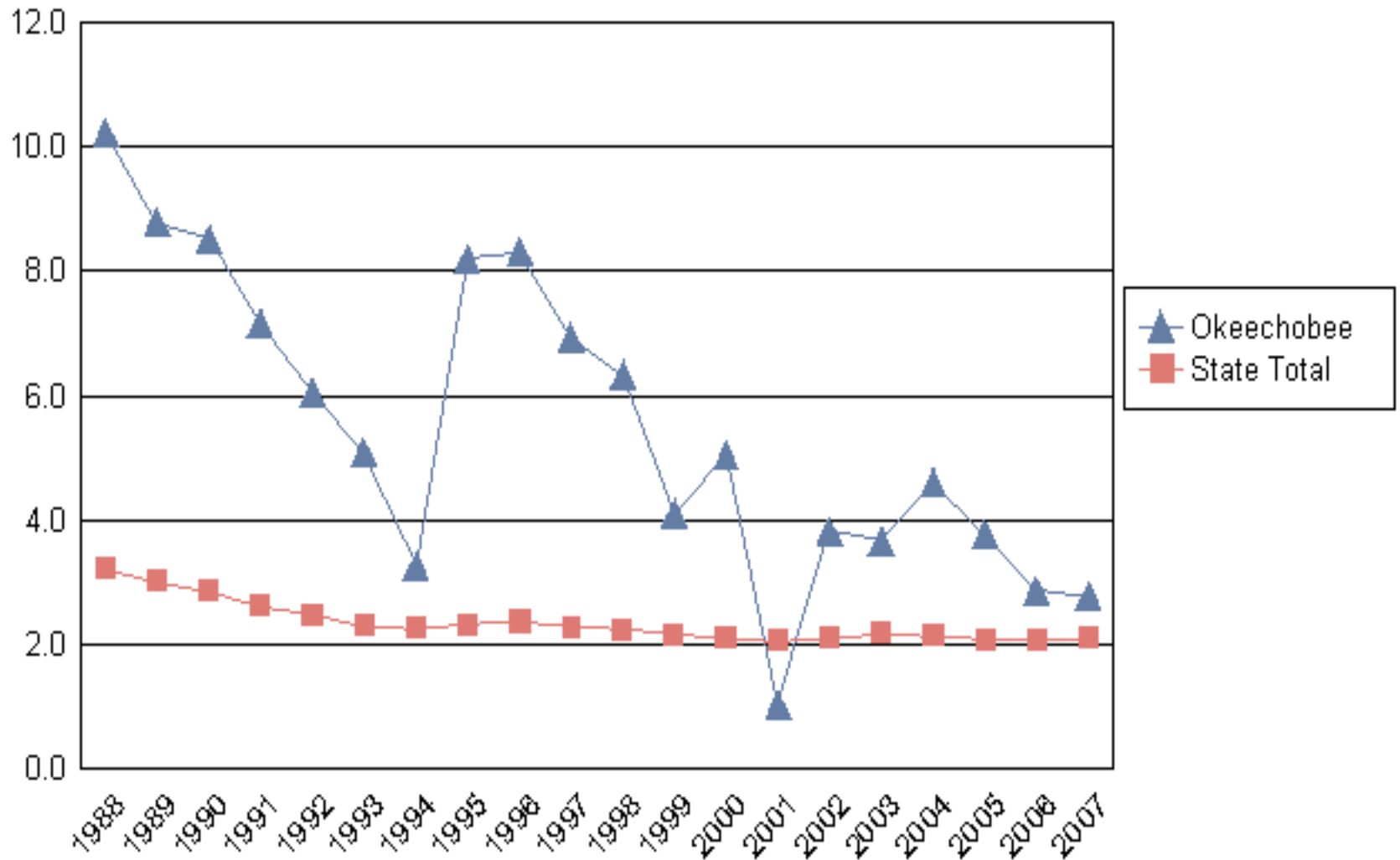
Age-Adjusted  
3-Year Death  
Rate



# Age-Adjusted Unintentional Drowning 3-Year Death Rate Per 100,000 Population



# Age-Adjusted Unintentional Drowning 3-Year Death Rate Per 100,000 Population



# Polk Girls (ages 15-19)

- 923 had a bacterial sexually transmitted disease
- More than two teens a day