

# Texas Trends In Lead Poisoning: Defining a Childhood Elevated Blood Lead Level Goal for 2020

*For CLPPP Children at Risk Workgroup only, not for distribution*

Texas Childhood Lead Poisoning Prevention Program

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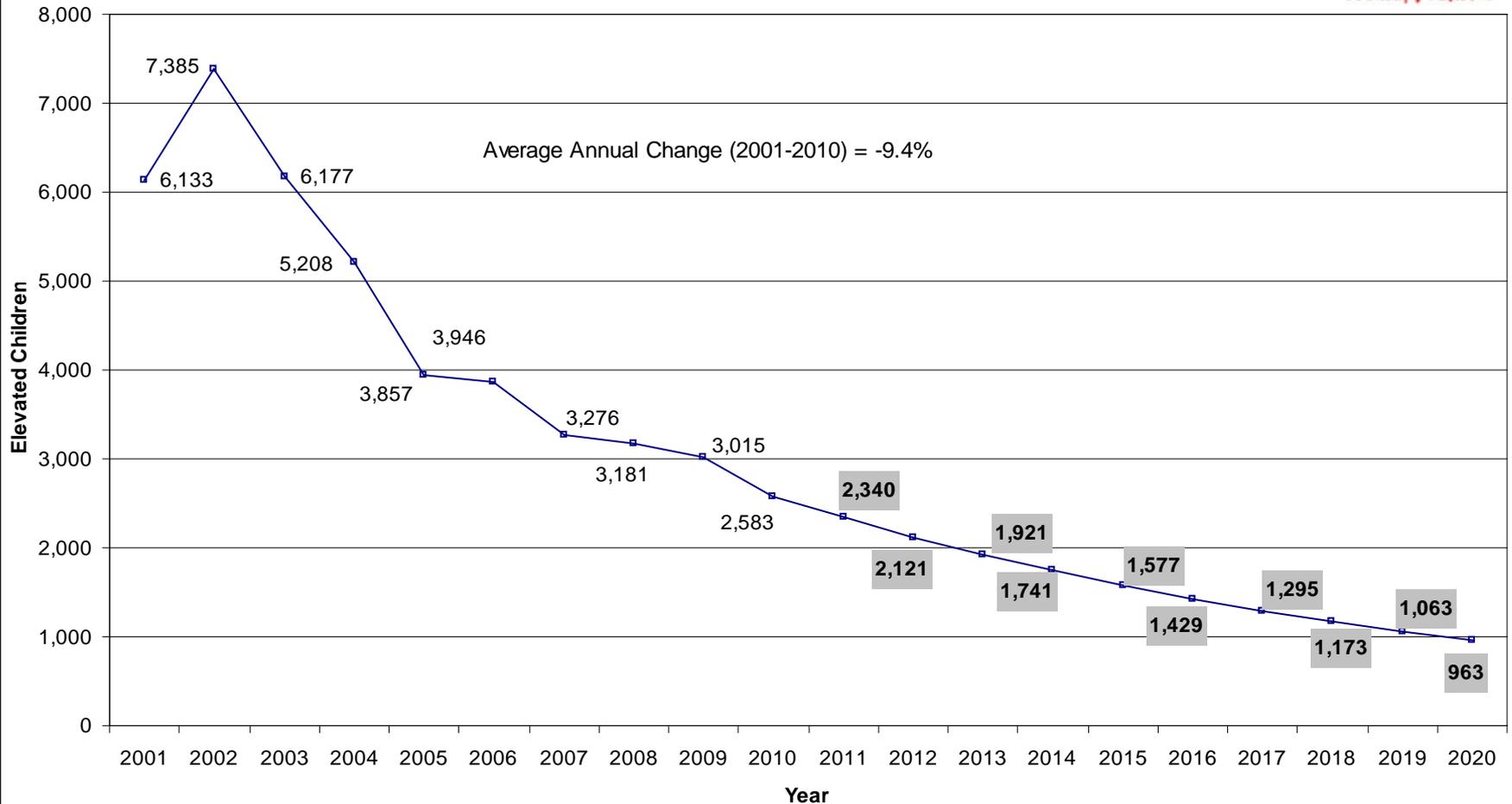
## Topics:

### ➤ Defining a Childhood Elevated Blood Lead Level Goal for 2020

- ❖ 2020 projections, elevated and diagnostic elevated

### ➤ Summary

## Texas Elevated Children, 2001- 2010 (projected to 2020)\*

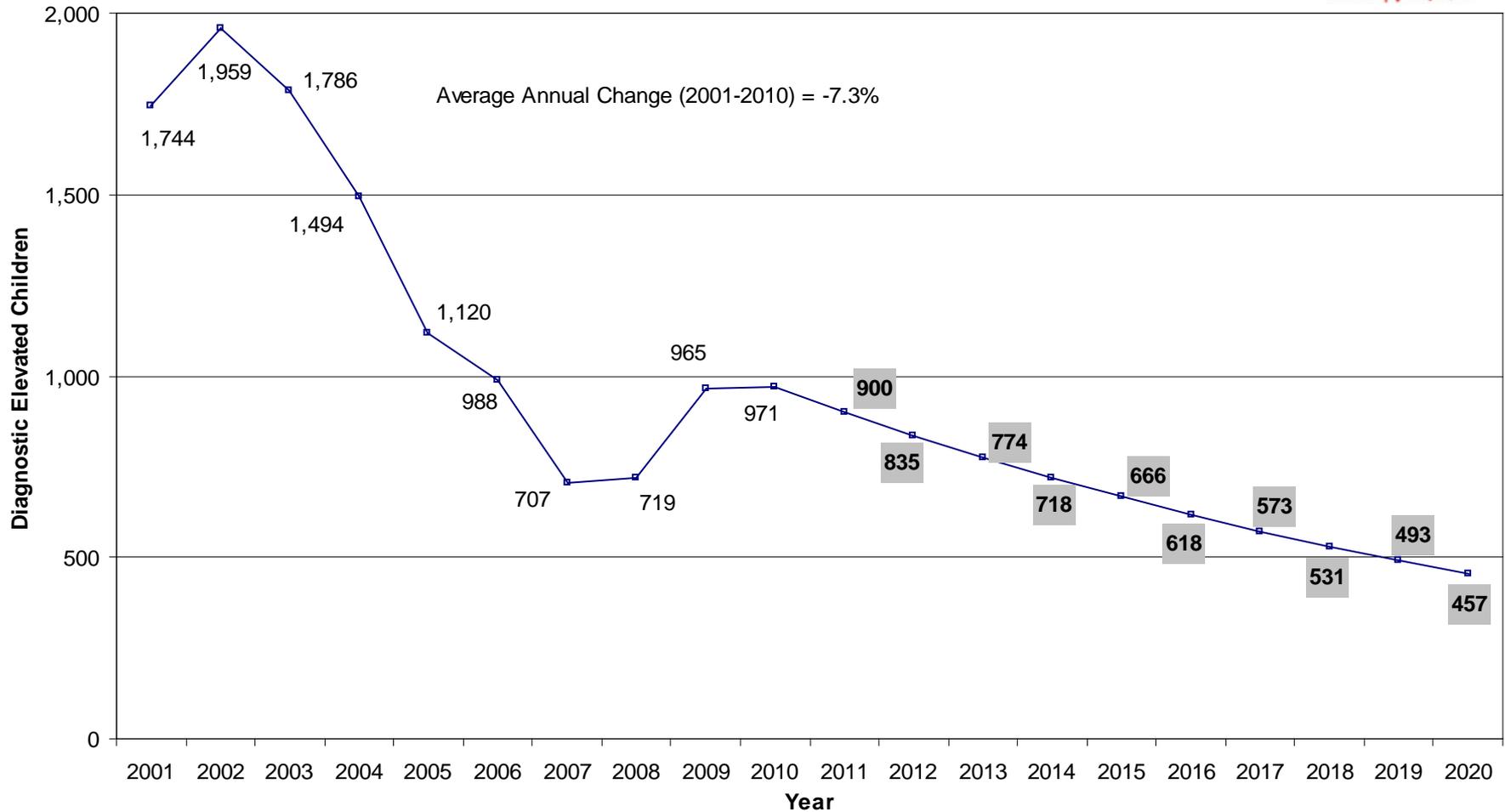


\*Counts for unduplicated children with a blood lead level  $\geq 10$  mcg/dL per given year; capillary, venous, or unknown sample type.

TX CLPPP 1-800-588-1248

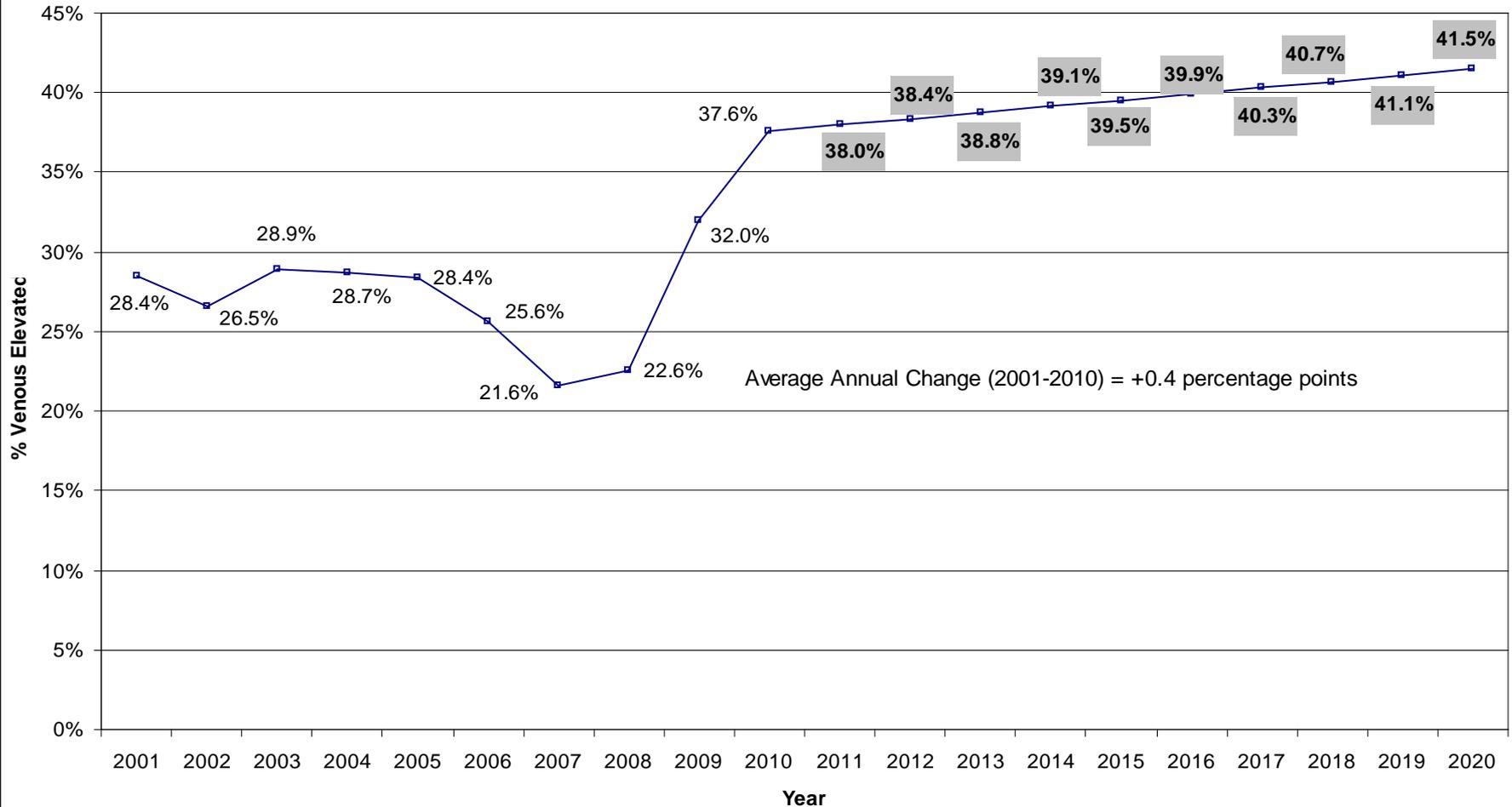


# Texas Diagnostic Elevated Children, 2001-2010 (Projected to 2020)\*



\*Counts for unduplicated children with a blood lead level  $\geq 10$  mcg/dL per given year, venous sample type only. TX CLPPP 1-800-588-1248

# Percentage of Elevated Children with Venous Test, 2001-2010 (Projected to 2020)\*



\* Percentage of children with an elevated venous test among all children with an elevated blood test. TX CLPPP 1-800-588-1248



# ➤ Summary

Using average annual change model for all elevated children

❖ **964 elevated children estimated for 2020**  
(-9.4% per year 2001-2010)

❖ **457 diagnostic elevated children estimated for 2020**  
(-7.3% per year 2001-2010)

❖ **Projected increases in the rate of venous testing should not impact diagnostic projection estimates**  
(average annual change +0.4 percentage points)

## ➤ **Summary (continued)**

### **2020 projections for elevated and diagnostic elevated**

- ❖ **All elevated children-- requires a 63% decrease, from 2,583 in 2010 to 964 in 2020 (1,621 fewer)**
- ❖ **All diagnostic elevated children-- requires a 53% decrease, from 971 in 2010 to 457 in 2020 (514 fewer)**

## ➤ Summary (continued)

How shall we define a childhood elevated blood lead level goal for 2020?

- A. 950 elevated children
- A. 450 venous elevated children
- A. Both A. and B.



**Thanks!**  
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