

Data Analysis for Program Improvement

Data Mining and Detective Work

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History

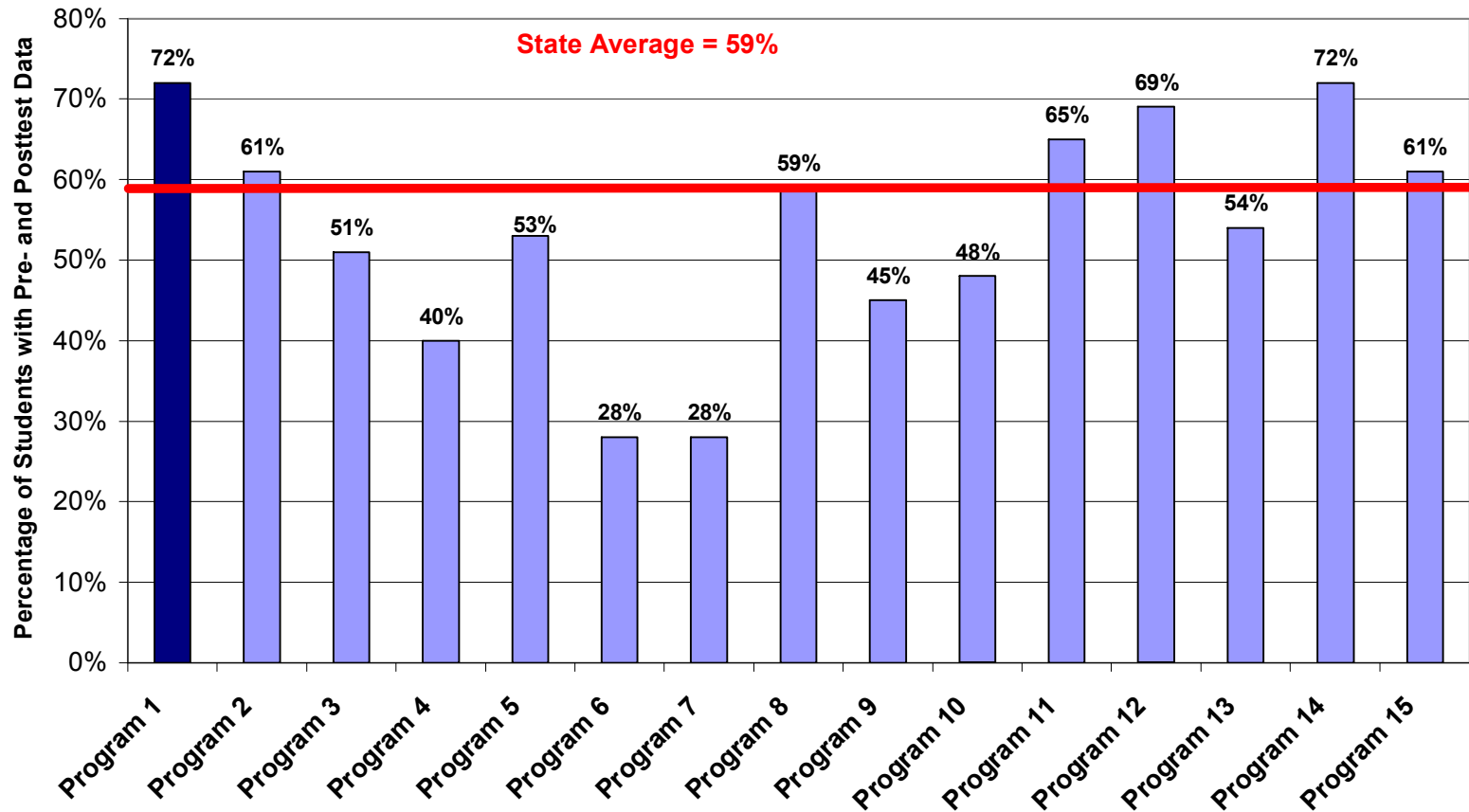
- Training
 - NRS data collection
 - Data quality
 - Writing Measurable Program Improvement Goals
 - Using the NRS Data Detective templates

Teachers and Directors

- We use LACES by Literacy Pro Systems for our MIS
 - Online system
 - Teachers and Directors are trained
 - Online 2-3 times per year
 - Face-to-face
 - Many new features and reports are being created

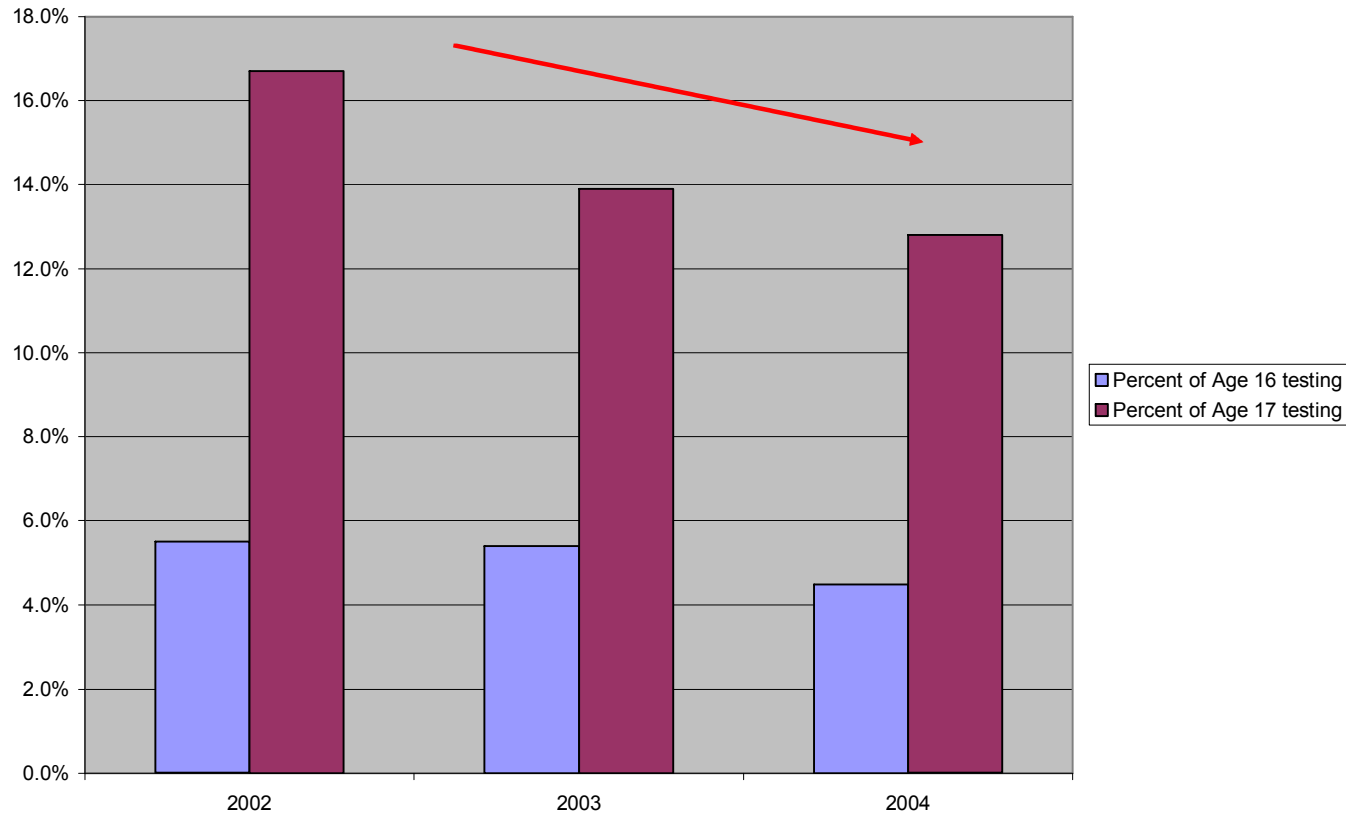
Showed data without program names to eliminate competition

Percentages of Students with Pre- and Posttest Data
PY 2004-05



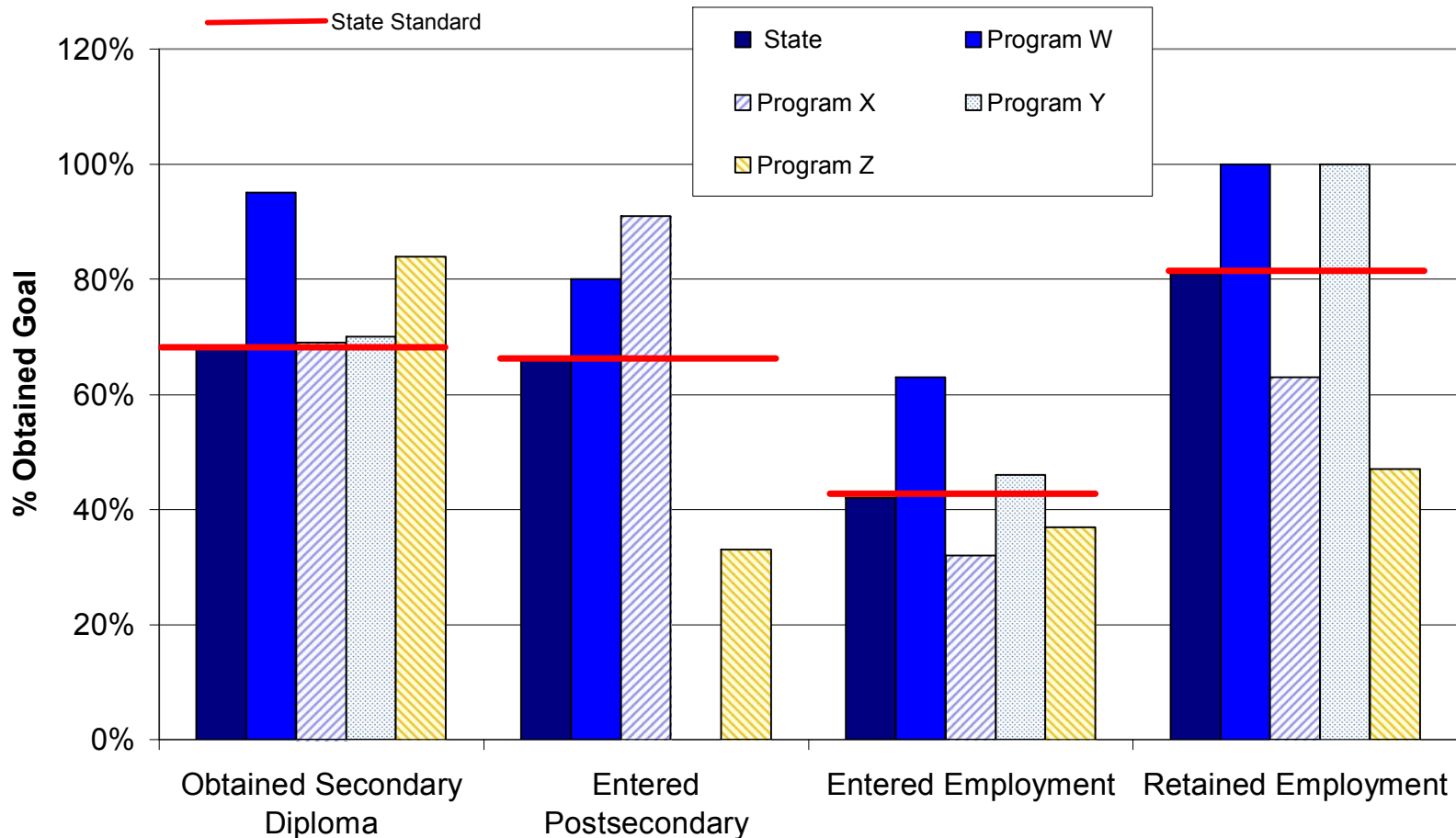
Looking at ages 16 & 17

Student age 16 & 17 in AEL

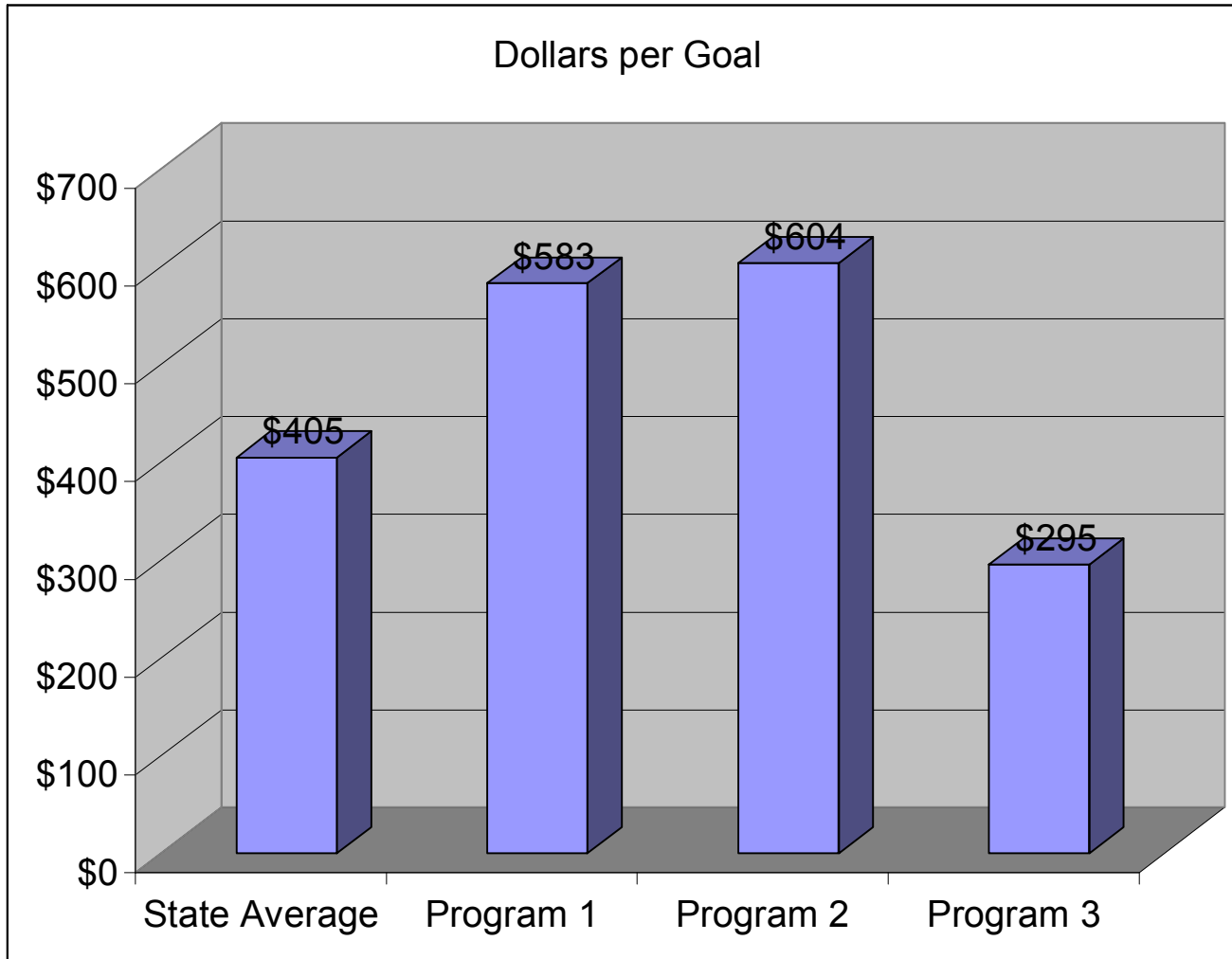


Goal Attainment

Achievement of Goals for PY 2004-05



Cost per goal achieved



Used the format from Data Detectives

- Data in charts and/or graphs
- Discussion
 - Observations
 - Possible Causes
 - Next Steps

Observation & Causes

- Used these to clarify NRS rules and regulations
- Compared local NRS tables for current year to previous year's data in training
- Plan for program goal modifications or clarification

Workshop

- Included
- Assessment
 - Data Quality & Program Improvement
- Goal Setting
 - Data Quality
- Follow-Up
 - Data Quality & Program Improvement

February 2007 training

- Modifications
 - Includes program names
 - Every table has statistics table with it
 - Looking beyond NRS to cost per educational gain, cost per employment goal

Major changes

- 8 of 15 Local AEL programs face huge reorganization due to Labor funding changes
- Watching data to understand what is needed after changes at end of this year to predict/plan for professional development