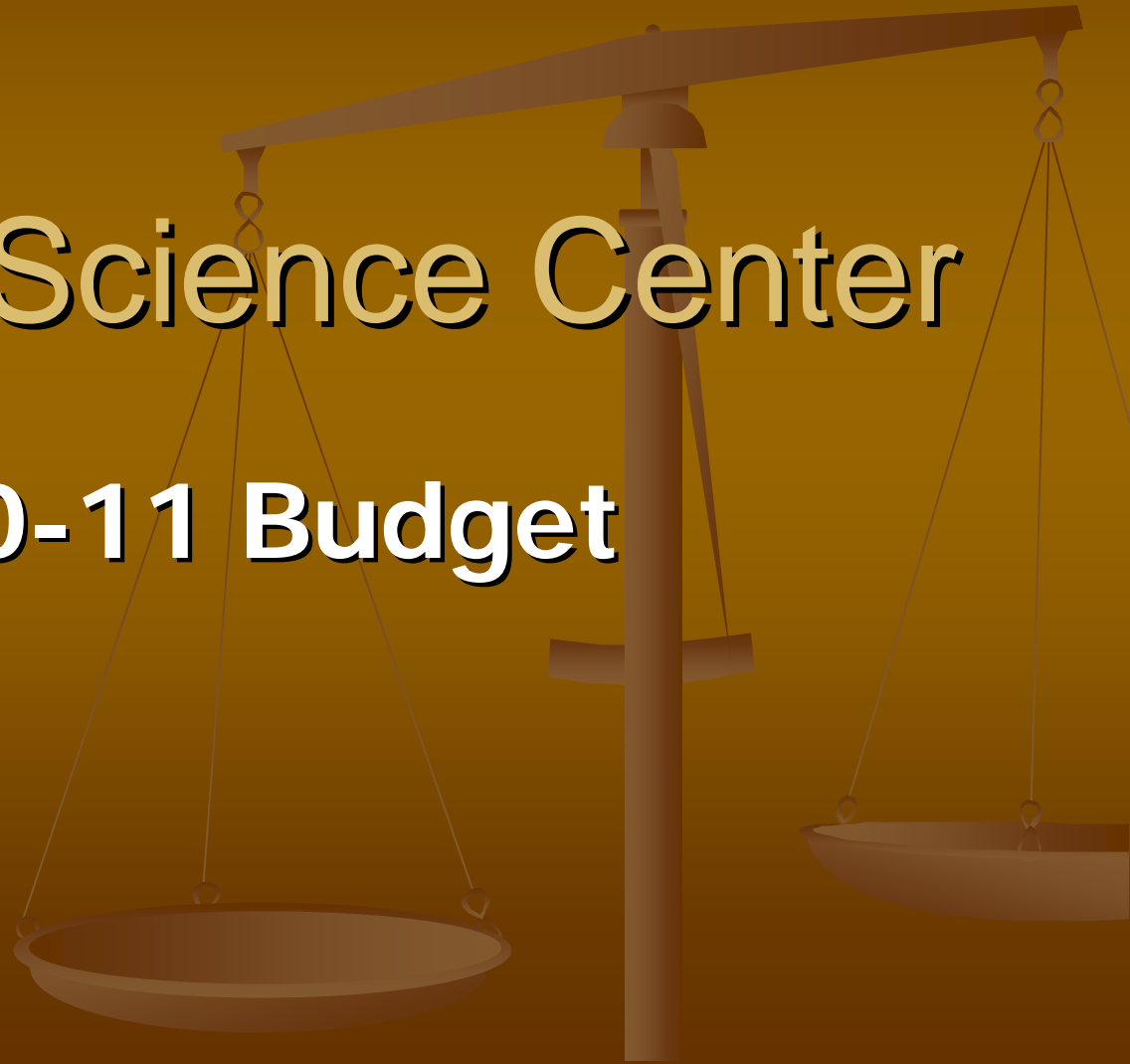
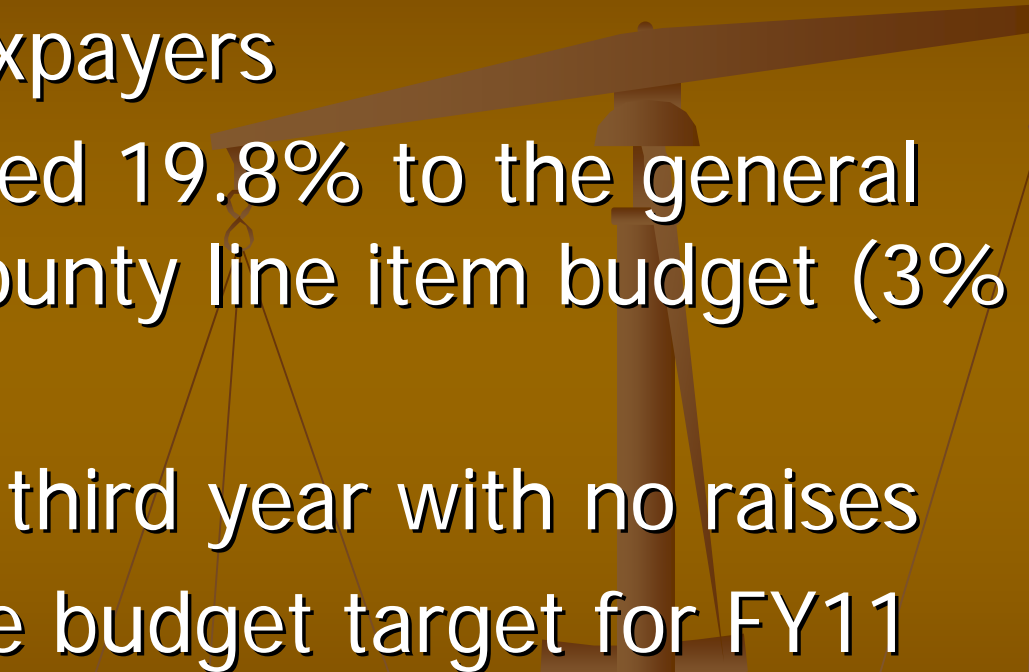


Forensic Science Center

FY 10-11 Budget



Budget Highlights

- Identified new income sources for the benefit of the taxpayers
 - For FY 09 returned 19.8% to the general fund from our county line item budget (3% was target)
 - FY11 will be the third year with no raises
 - We have met the budget target for FY11
- 

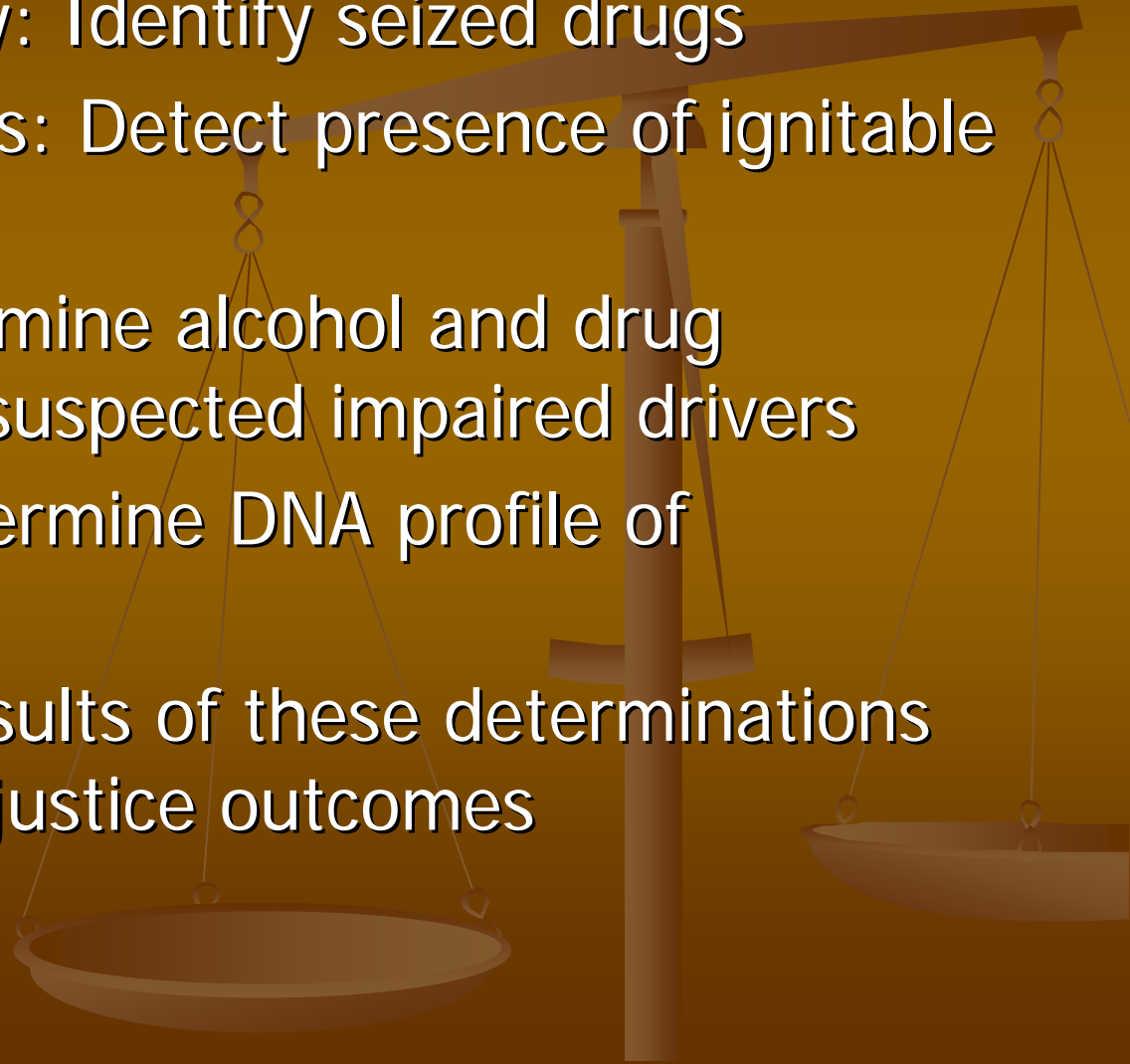
Objectives:
Examine

Organization
Work
Cost



Forensic Science Center

- Medical Examiner: Cause/Manner of Death
- Forensic Chemistry: Identify seized drugs
- Fire Debris Analysis: Detect presence of ignitable liquids
- DUI testing: Determine alcohol and drug concentrations of suspected impaired drivers
- DNA analysis: Determine DNA profile of biological samples
- Many times the results of these determinations influence criminal justice outcomes



National Academy of Sciences Report on Forensic Science

■ An assessment of the quality of the Forensic Sciences



■ Separate operation from law enforcement or prosecutor's office



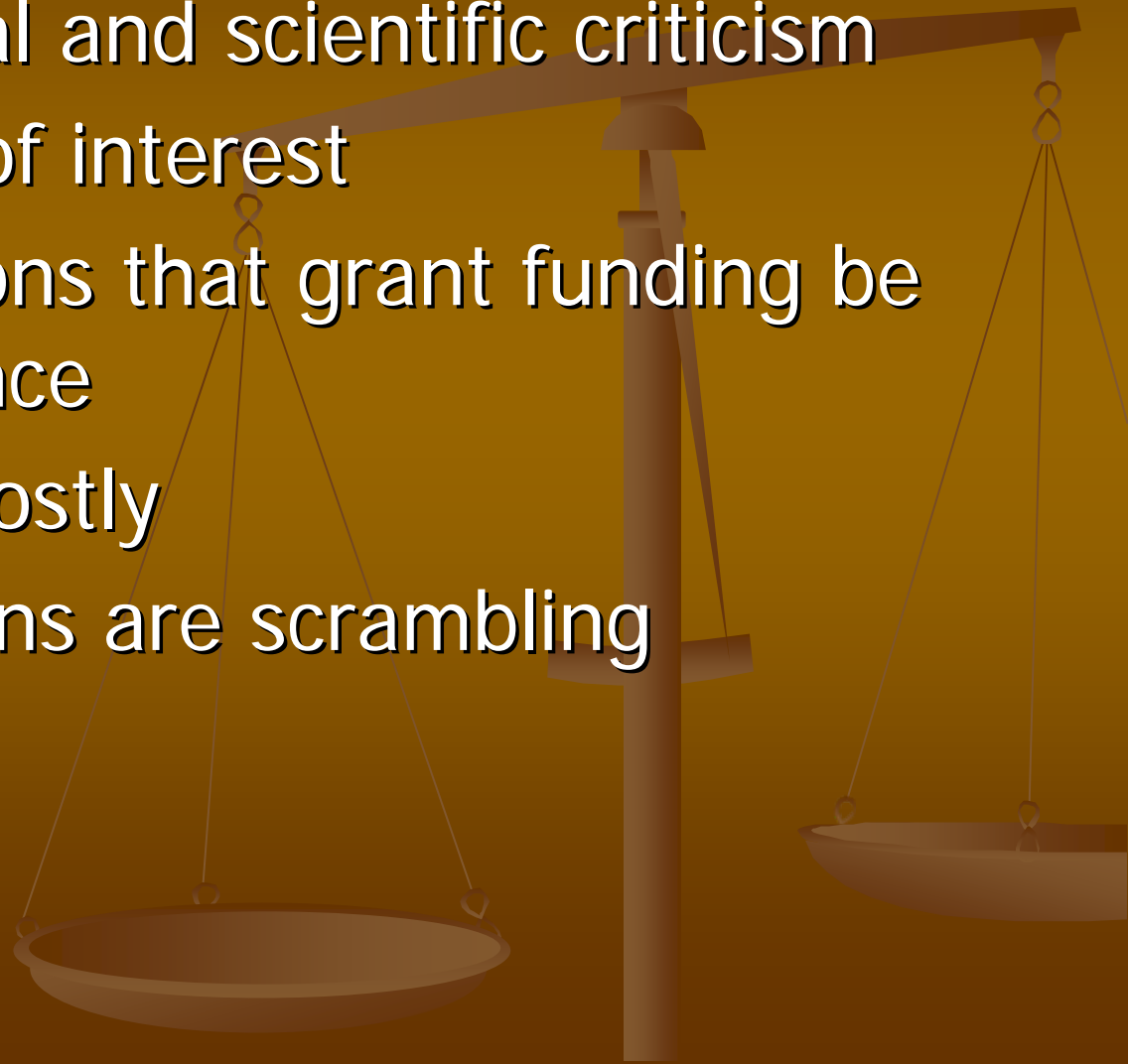
■ Accreditation of operation



■ Certification of all professional staff

National Academy of Sciences Report on Forensic Science

- Valid operational and scientific criticism
- Avoid conflicts of interest
- Recommendations that grant funding be tied to compliance
- Compliance is costly
- Many jurisdictions are scrambling



MEDICAL EXAMINER

Accredited

- Medical Examiner section fully accredited by the National Association of Medical Examiners
- All our Medical Examiners are board certified in Forensic Pathology


FORENSIC LABORATORY

Accredited

- Forensic Laboratory is fully ISO 17025 accredited by American Society of Crime Laboratory Directors Laboratory Accreditation Board

ACCREDITATION

What does it mean?

- Accreditation by NAME and ASCLD-LAB
 - Inspection designed to assess compliance of the operation with best practices established by these organizations
 - Procedures, workload, management, certification, infrastructure, safety
 - All aspects of our operation are fully accredited
 - Essential for NAS compliance
- 

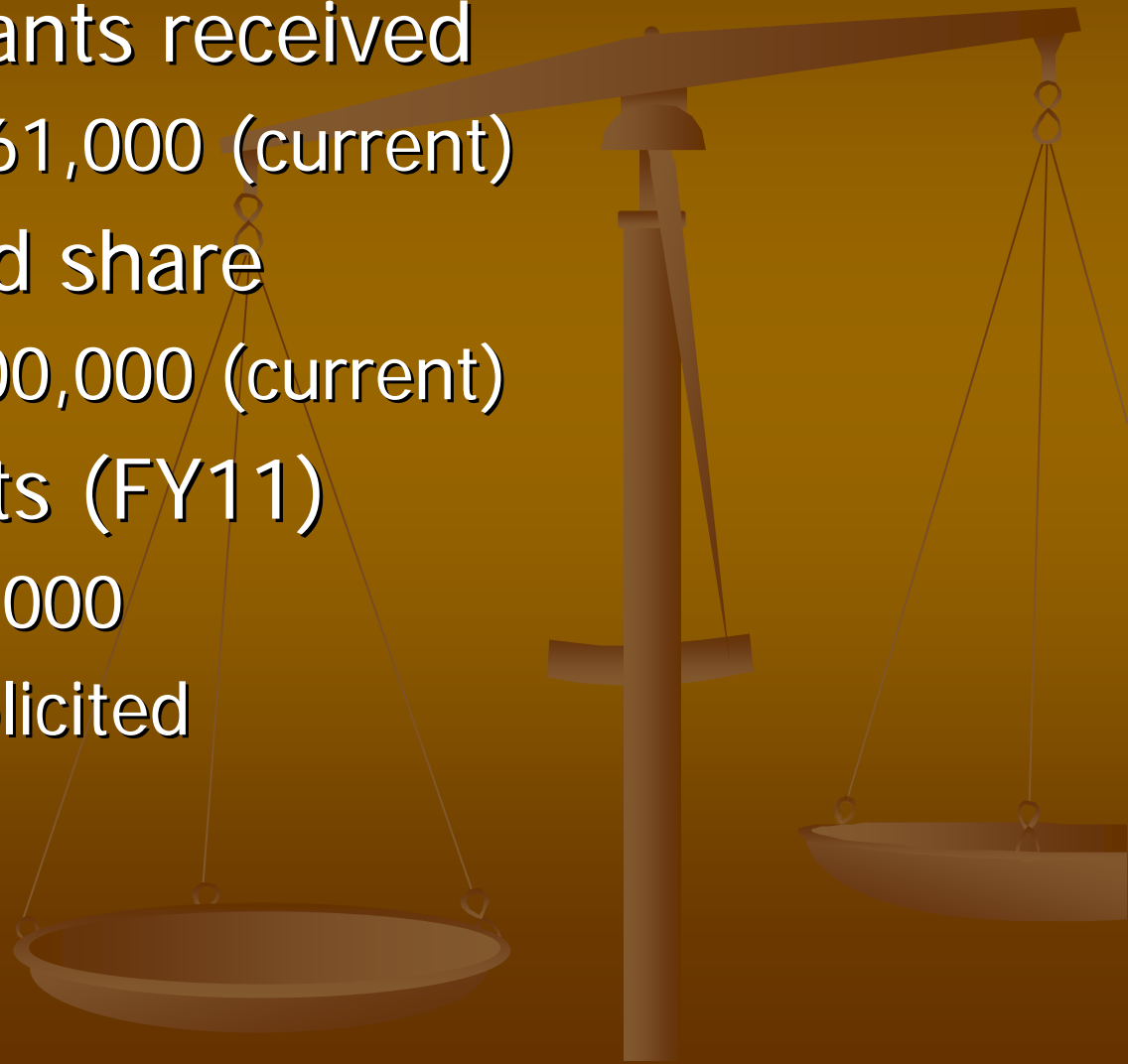


DNA Section

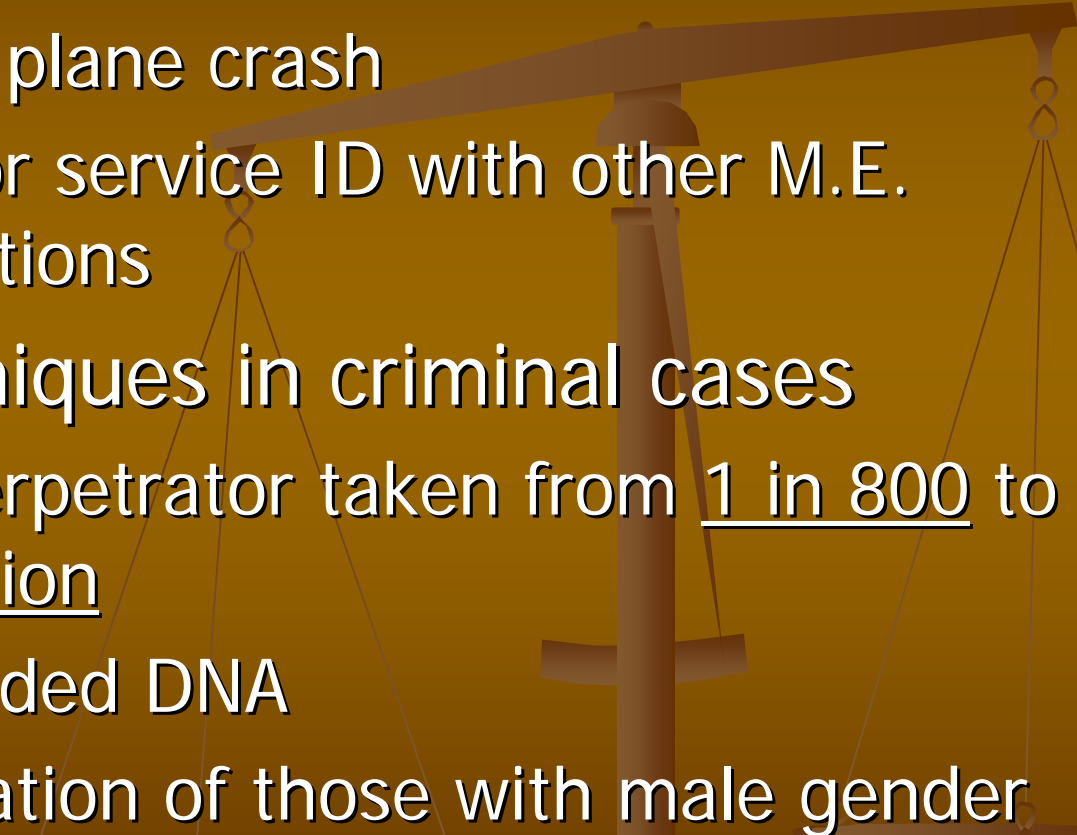
- Working on 3 year timeline
- Accredited for upload at 2.5 years
- CODIS uploads approved for all cases as of Dec 2, 2009
- The laboratory has met or exceeded all financial and operational targets
- Using most sensitive approved techniques
- The only public lab in the area that has multiple techniques available to include the most sensitive STR available, Y-STR, and mini-STR for use in degraded DNA cases

DNA Section

- DNA specific grants received
 - Byrne grant \$661,000 (current)
- State Trust Fund share
 - Increased >\$100,000 (current)
- NEW DNA Grants (FY11)
 - NIJ grant \$333,000
 - Other grants solicited

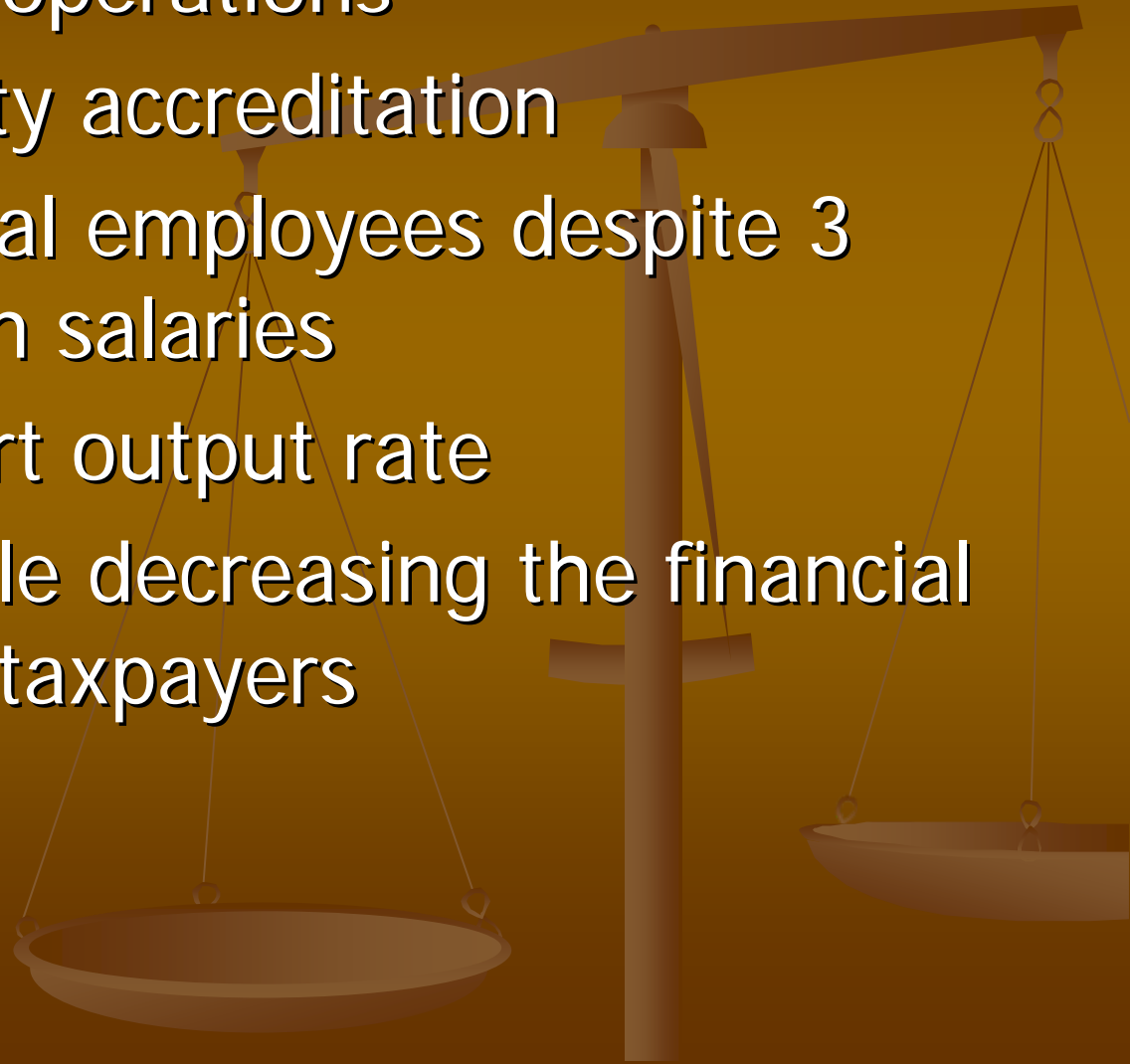


DNA Cases

- Decedent ID
 - Useful on a recent plane crash
 - Can perform fee for service ID with other M.E. offices and jurisdictions
 - Sensitivity of techniques in criminal cases
 - Identification of perpetrator taken from 1 in 800 to 1 in several quintillion
 - Mini-STR for degraded DNA
 - Y-STR for identification of those with male gender
- 

FY 11 goals with budget reality

- Maintain core operations
- Maintain facility accreditation
- Retain essential employees despite 3 years of frozen salaries
- Increase report output rate
- Absorb all while decreasing the financial impact to the taxpayers



Florida Medical Examiner Districts

DISTRICT ONE

Escambia
Okaloosa
Santa Rosa
Walton

DISTRICT TWO

Franklin
Gadsden
Leon
Liberty
Jefferson
Taylor
Wakulla

DISTRICT THREE

Columbia
Dixie
Hamilton
Lafayette
Madison
Suwannee

DISTRICT FOUR

Duval
Nassau
Clay

DISTRICT FIVE

Citrus
Hernando
Lake
Marion
Sumter

DISTRICT SIX

Pinellas
Pasco

DISTRICT SEVEN

Volusia

DISTRICT EIGHT

Alachua
Baker
Bradford
Gilchrist
Levy
Union

DISTRICT NINE

Orange
Osceola

DISTRICT TEN

Hardee
Highlands
Polk

DISTRICT ELEVEN

Dade

DISTRICT TWELVE

DeSoto
Manatee
Sarasota

DISTRICT THIRTEEN

Hillsborough

DISTRICT FOURTEEN

Bay
Calhoun
Gulf
Jackson
Washington
Holmes

DISTRICT FIFTEEN

Palm Beach

DISTRICT SIXTEEN

Monroe

DISTRICT SEVENTEEN

Broward

DISTRICT EIGHTEEN

Brevard

DISTRICT NINETEEN

Indian River
Martin
Okeechobee
St. Lucie

DISTRICT TWENTY

Collier

DISTRICT TWENTY-ONE

Glades
Hendry
Lee

DISTRICT TWENTY-TWO

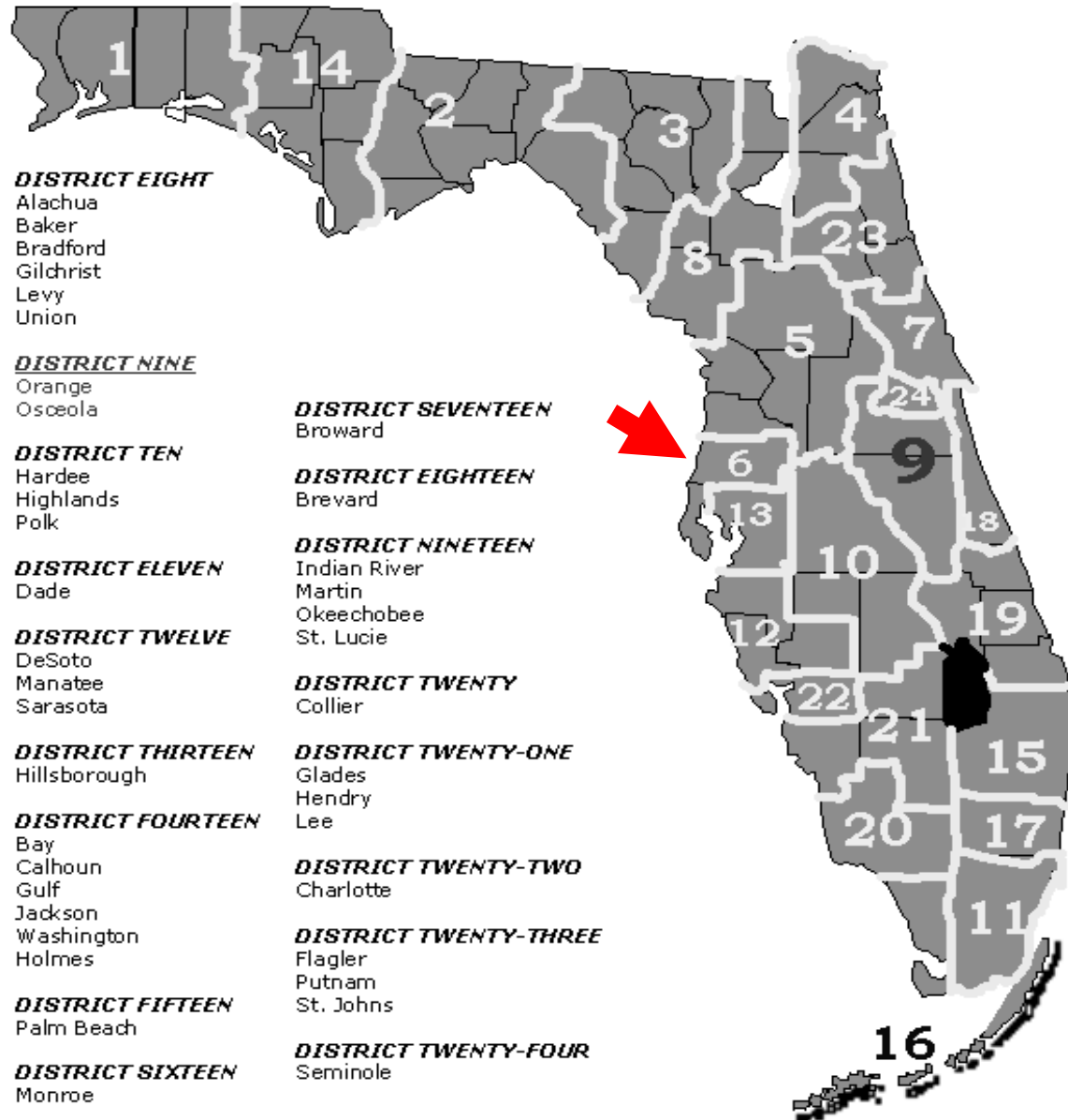
Charlotte

DISTRICT TWENTY-THREE

Flagler
Putnam
St. Johns

DISTRICT TWENTY-FOUR

Seminole



Unique Aspects of Florida's Sixth Medical Examiner District

- #1 in Florida for total cases referred
- #1 in Florida for cremation approvals
- #2 in total deaths
- #2 in total unnatural deaths
 - Within 24 cases of #1 (Dade County)

Source: 2008 Medical Examiner Commission workload report

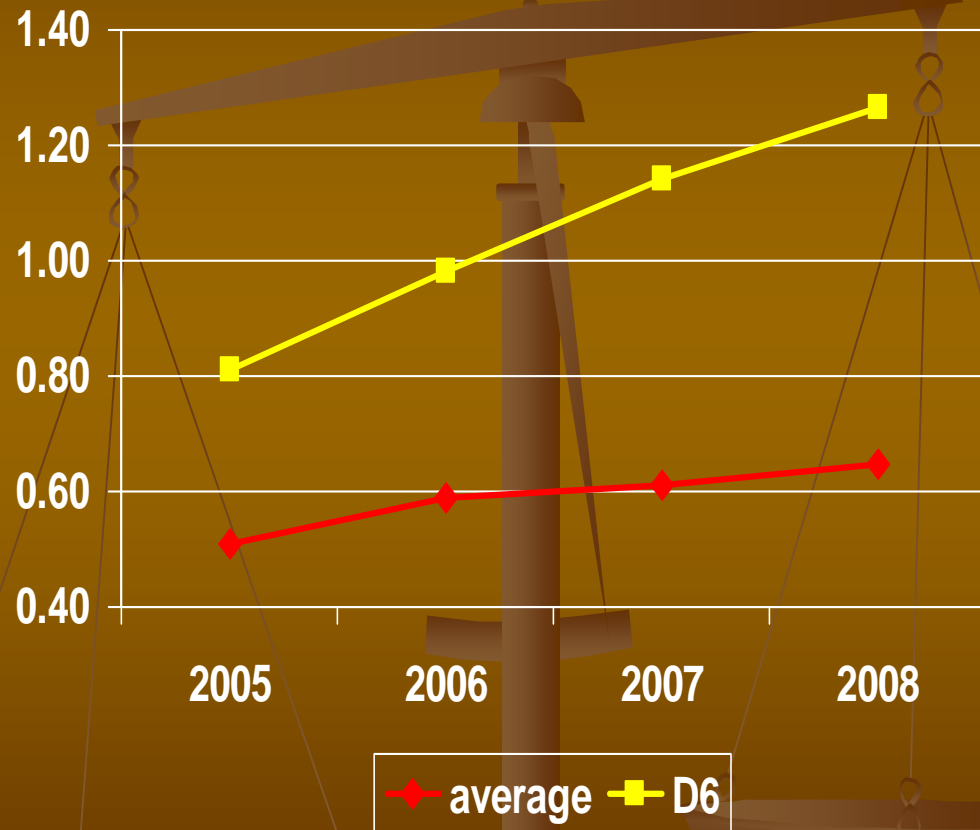
Unique Aspects of Sixth District Drug Related Deaths

- FDLE publishes detailed data on 9 drugs
- We are #1 in 6 (alprazolam, diazepam, oxycodone, hydrocodone, methadone, morphine)
 - Many are far beyond to the other Districts
- #2 in deaths involving propoxyphene
- #3 in deaths involving heroin
- #4 in deaths involving cocaine
- Drug deaths are time consuming and expensive

*ref: FDLE/MEC 2009 Interim Report of Drugs Detected in Deceased Persons

Unique Aspects of Sixth District Drug Related Deaths

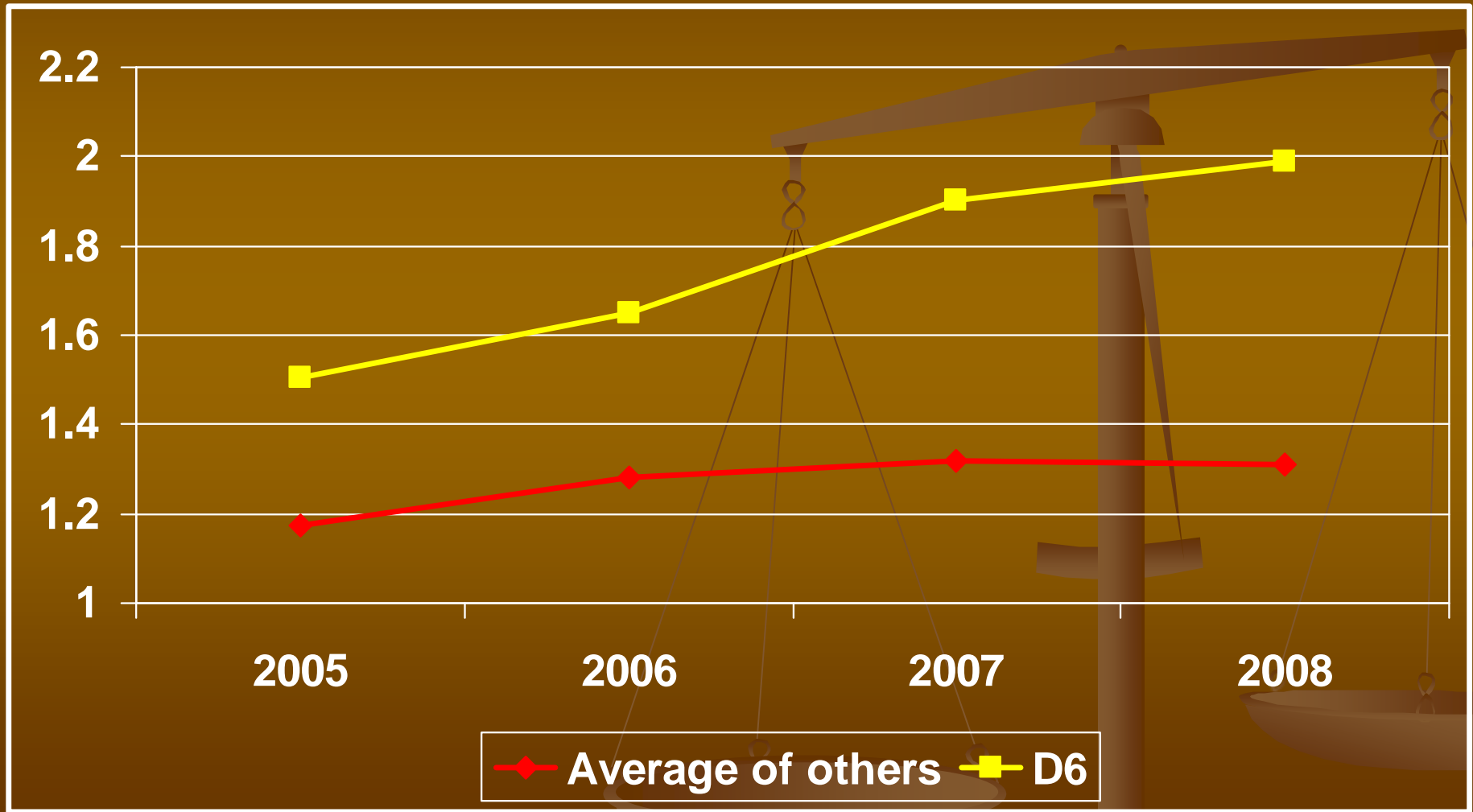
- FDLE data tracks ~30 drugs
- Accumulates the data for the Annual Drug Report
- Data on D6 shows increasing above average drug detection rates



*ref: FDLE/MEC 2005-2008 Report of Drugs Detected in Deceased Persons

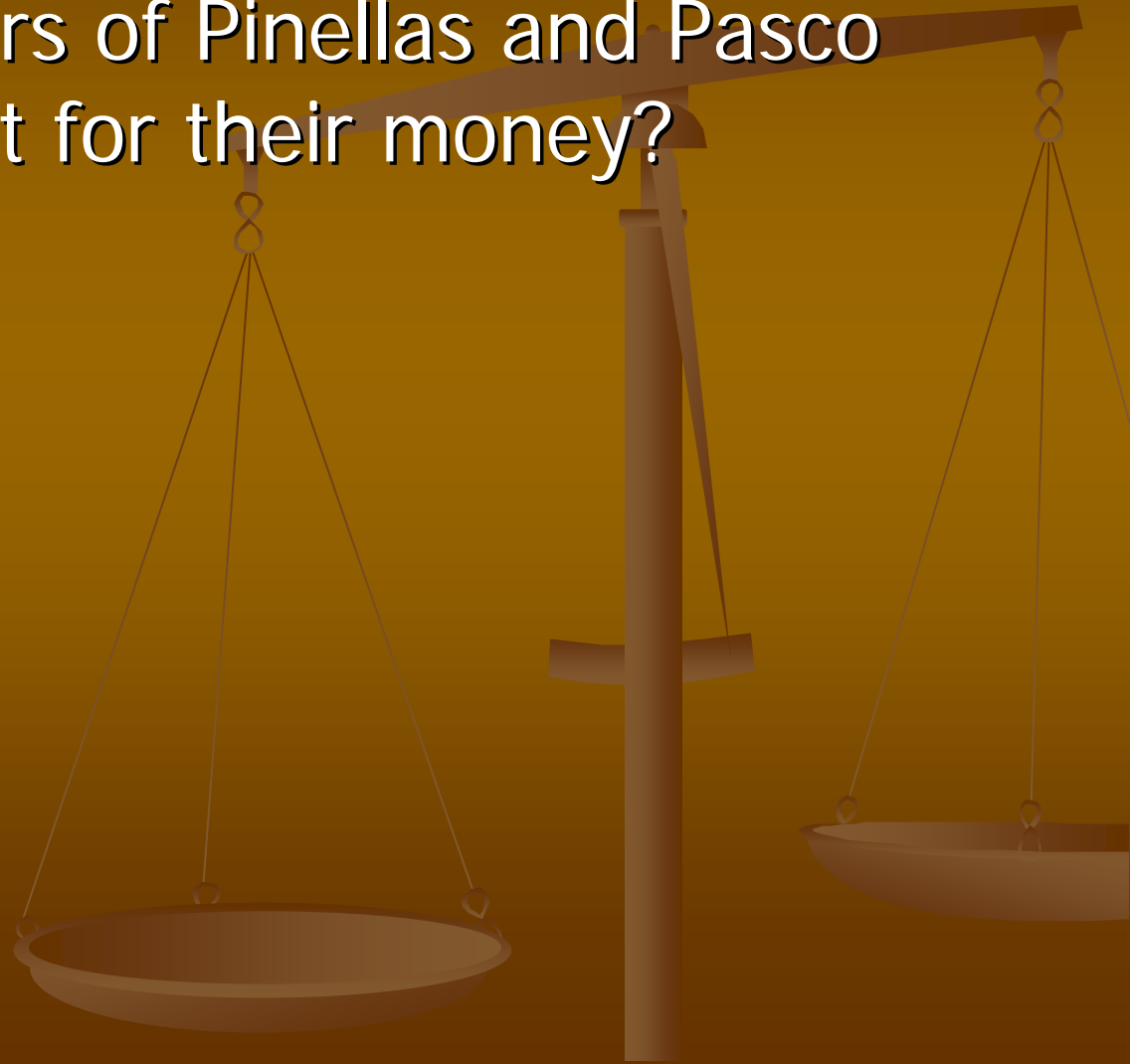
District Six

Average Number of Drugs/Report 2005-2008



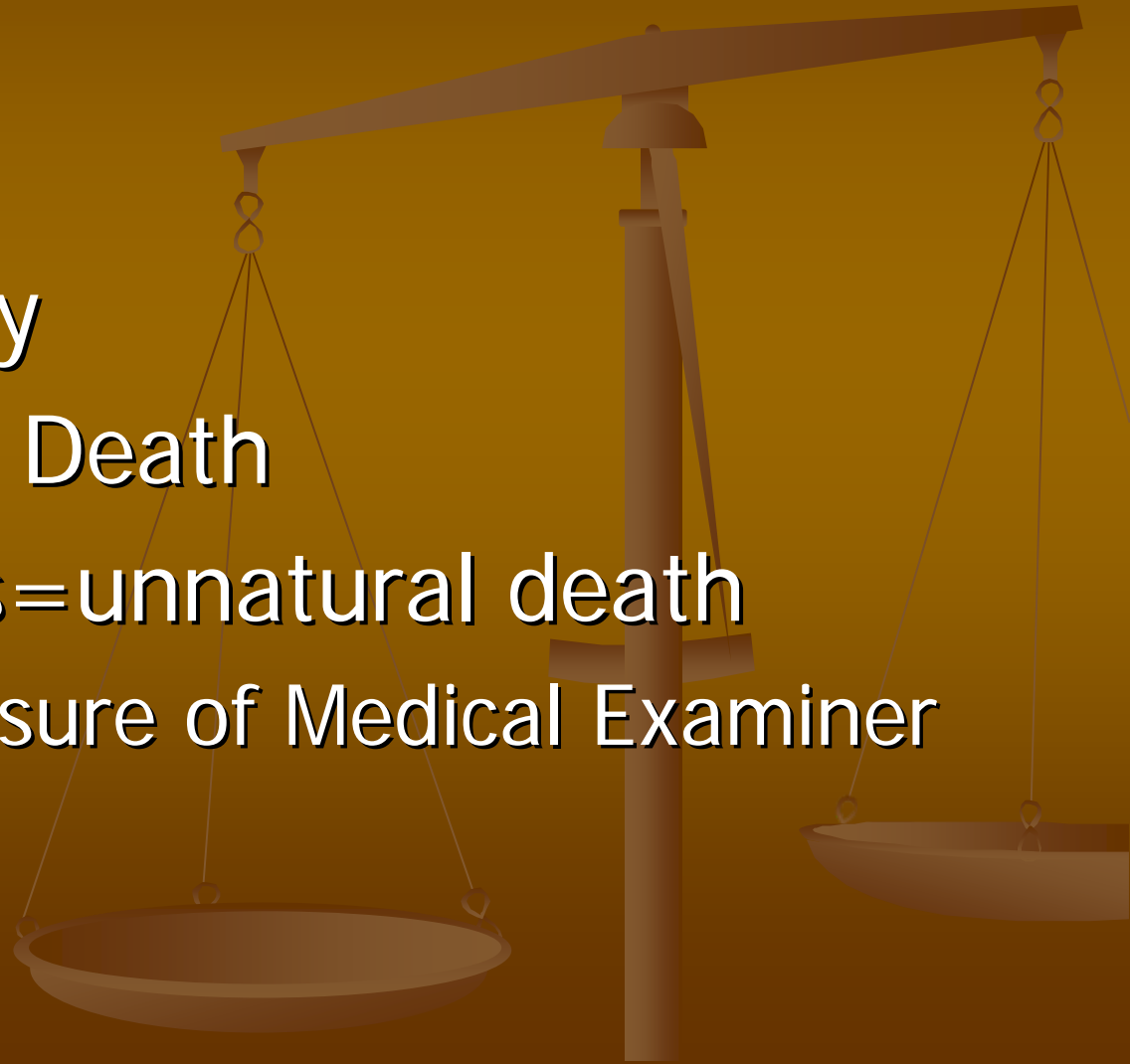
Question

- Are the taxpayers of Pinellas and Pasco getting the most for their money?



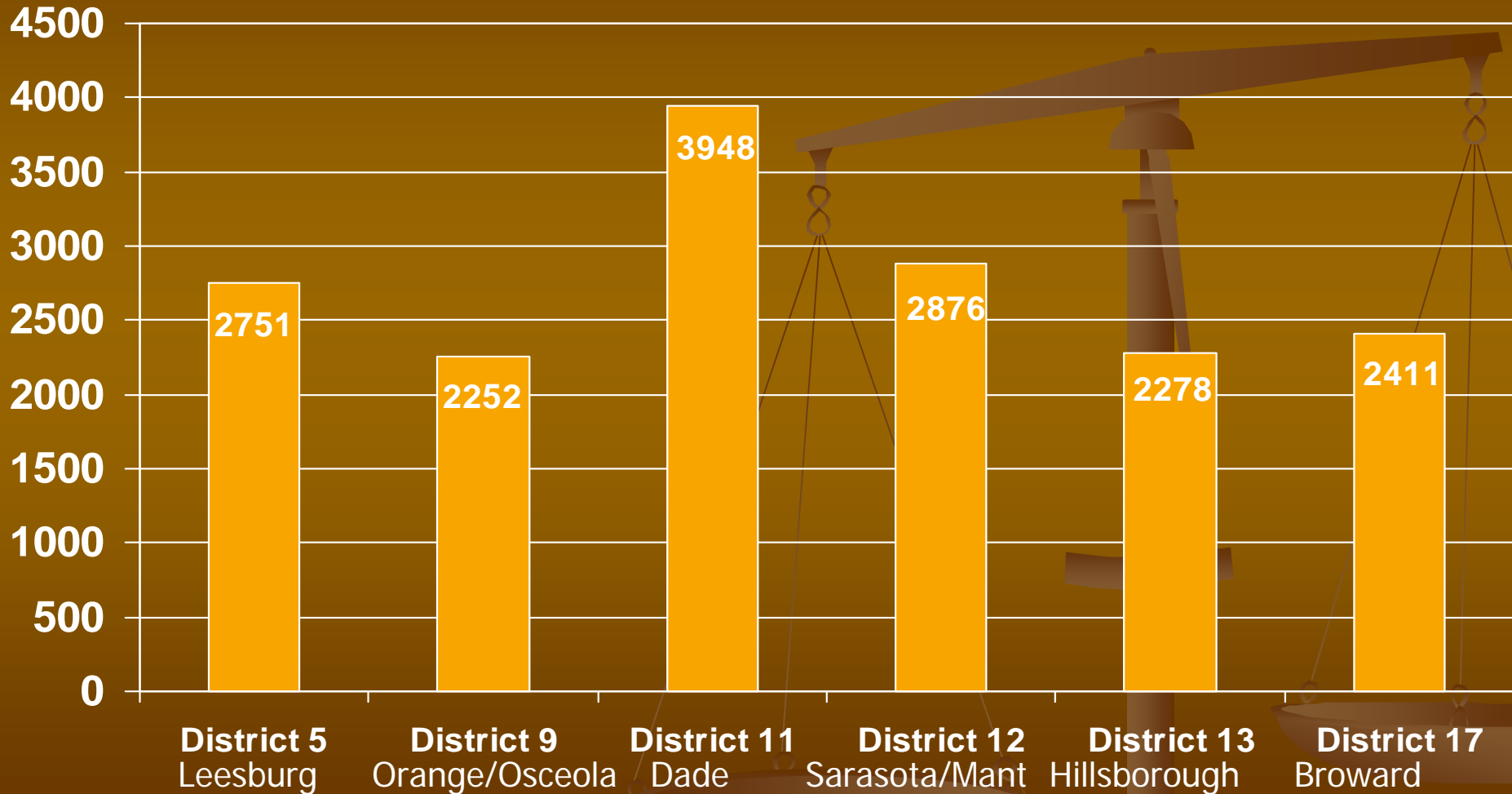
D6 MEDICAL EXAMINER \$/CASE

- Current costs
- \$2138/Case
- \$2890/Autopsy
- \$2781/Violent Death
- Violent deaths=unnatural death
 - The true measure of Medical Examiner caseload



Cost per Case Viewed

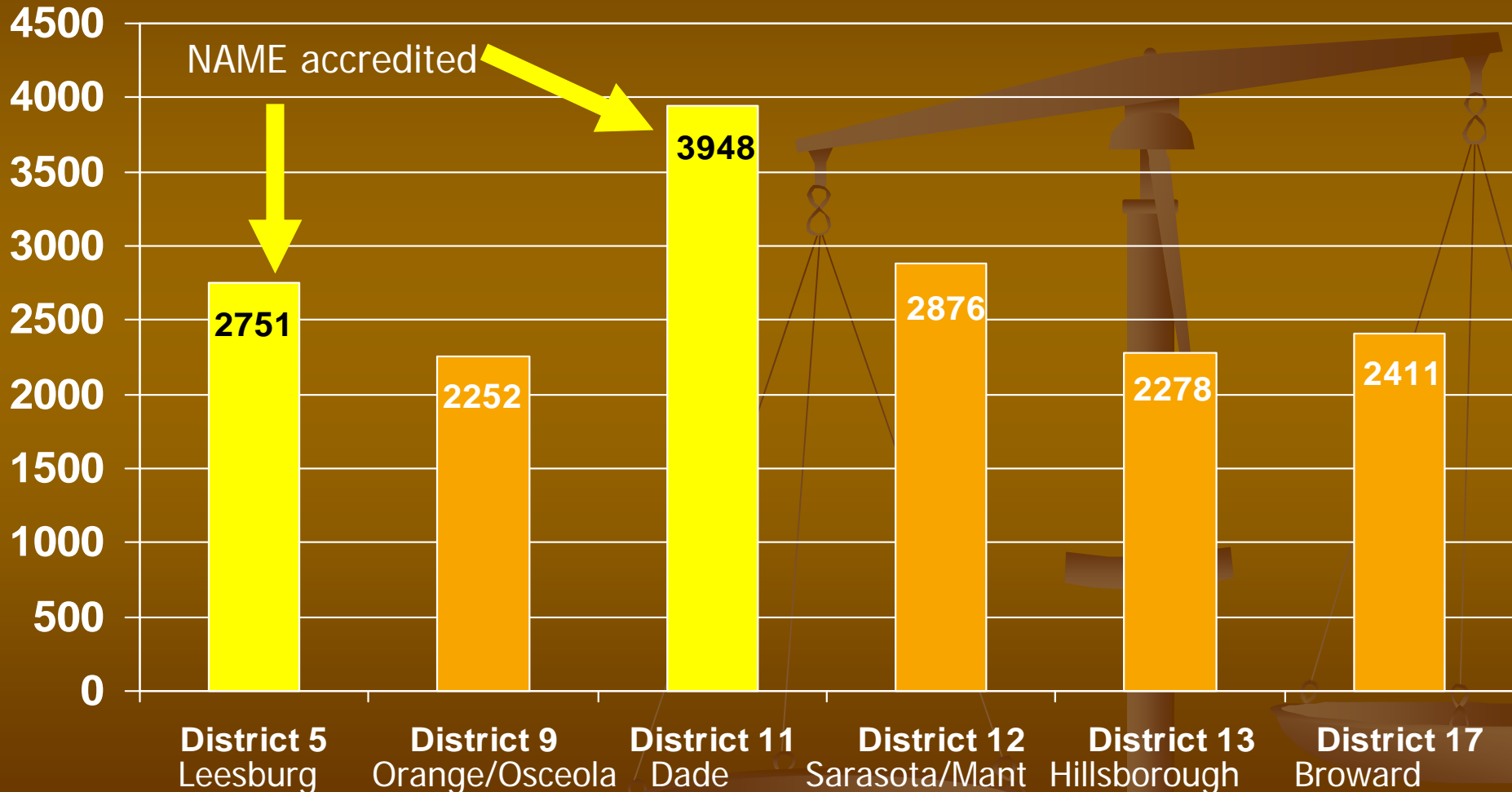
Neighboring and Comparable Districts



Based on current FY10 budget and latest published workloads

Cost per Case Viewed

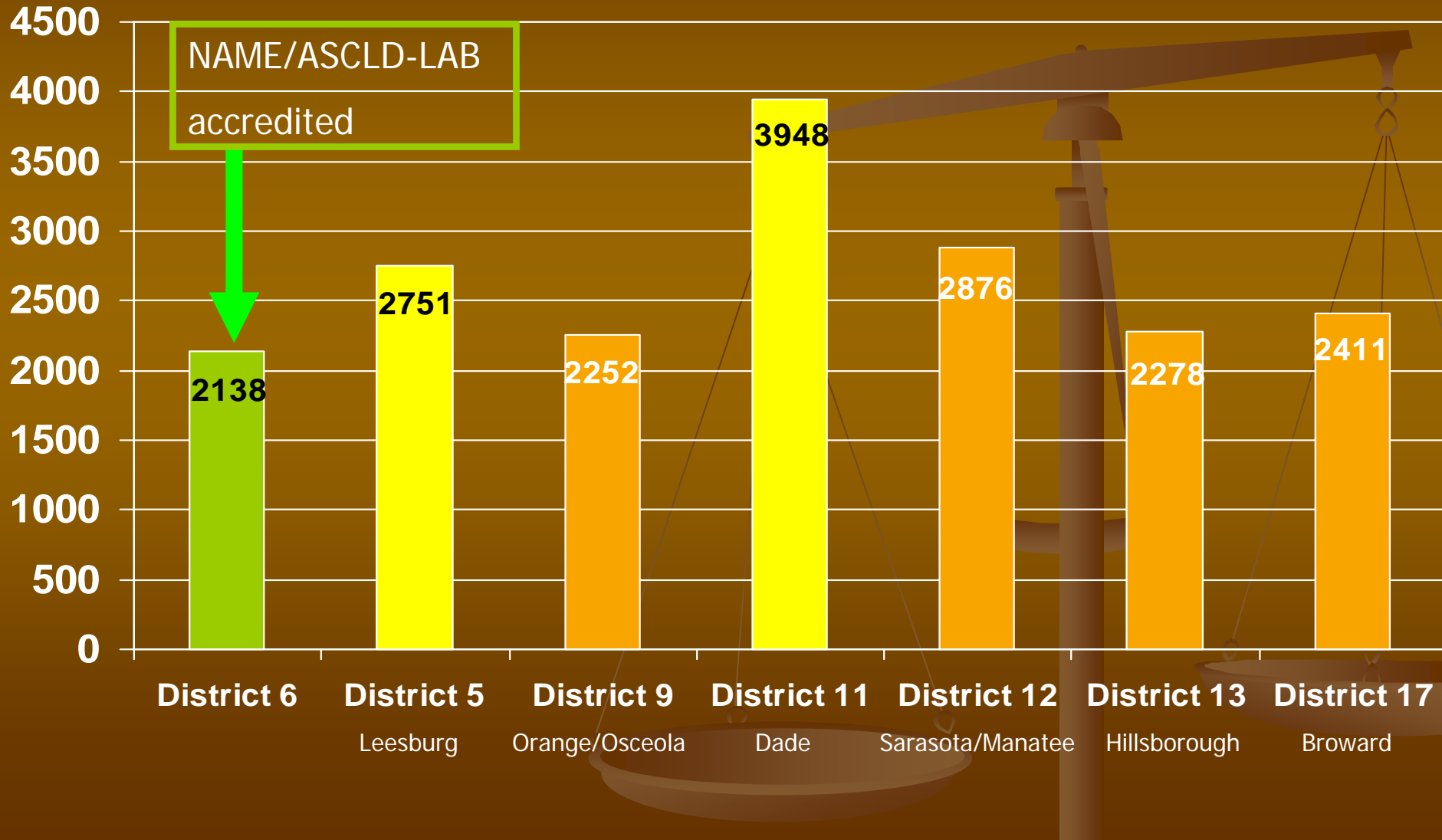
Neighboring and Comparable Districts



Based on current FY10 budget and latest published workloads

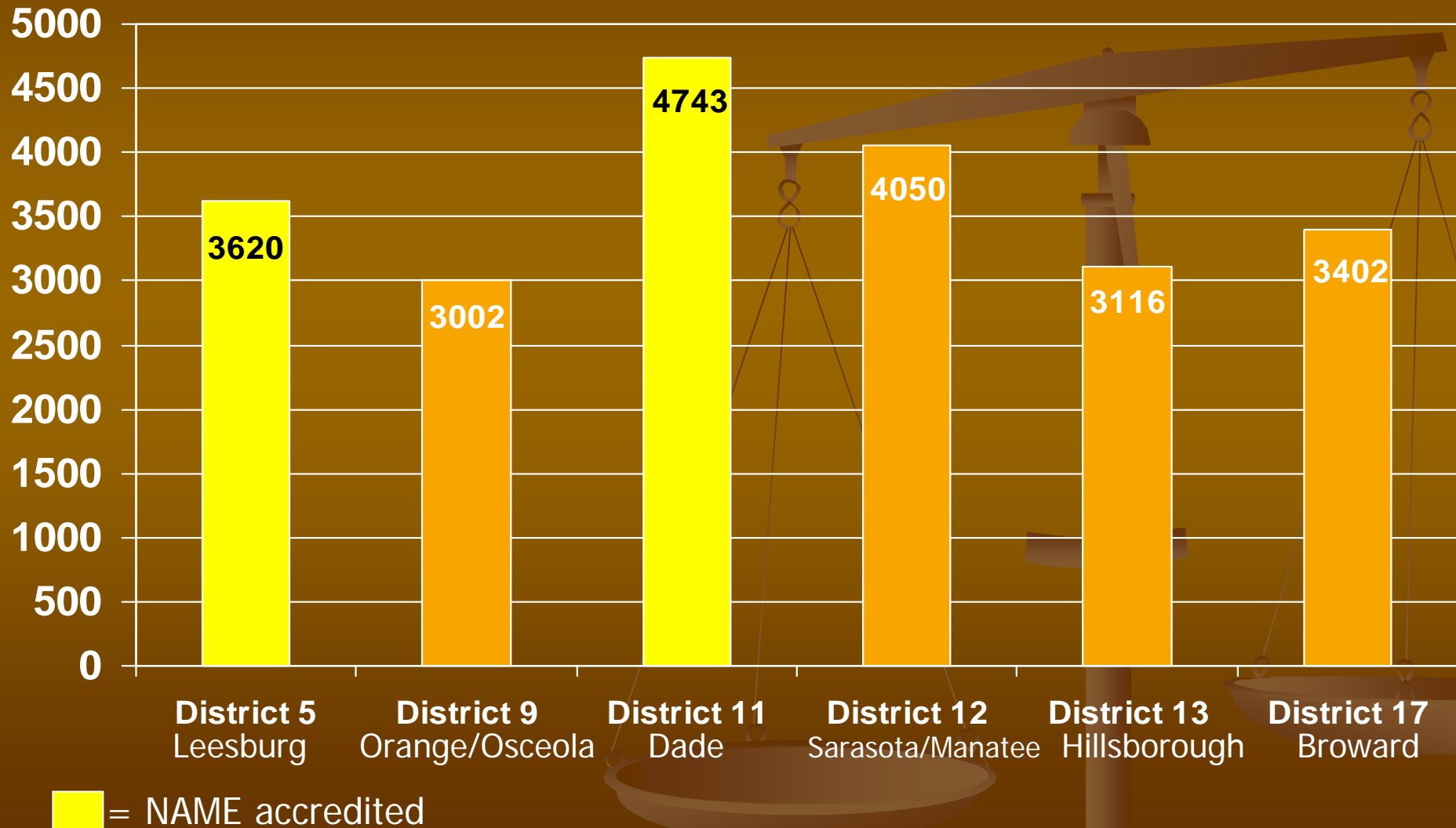
Cost per Case Viewed

Neighboring and Comparable Districts



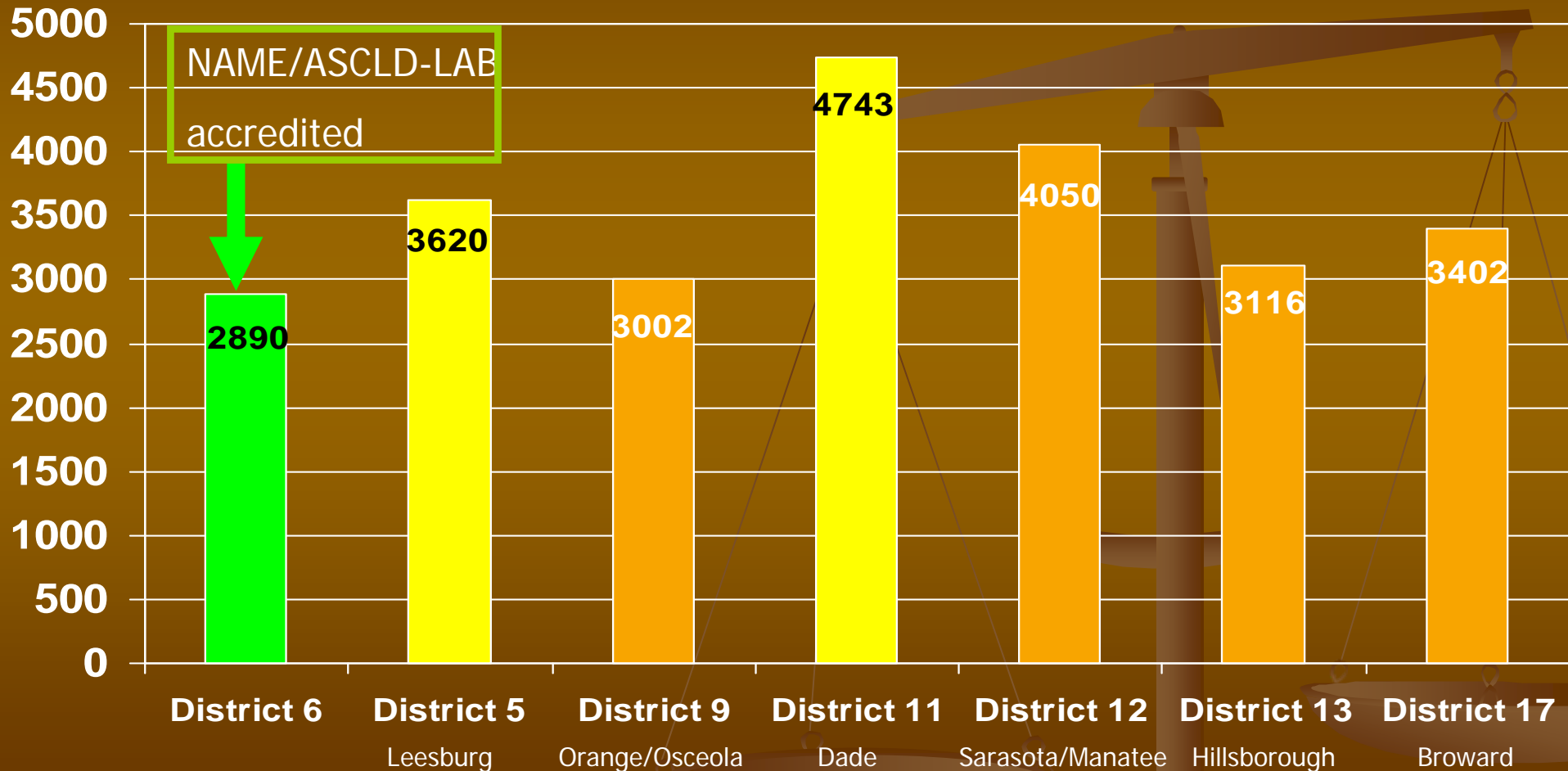
Cost per Autopsy

Neighboring and Comparable Districts



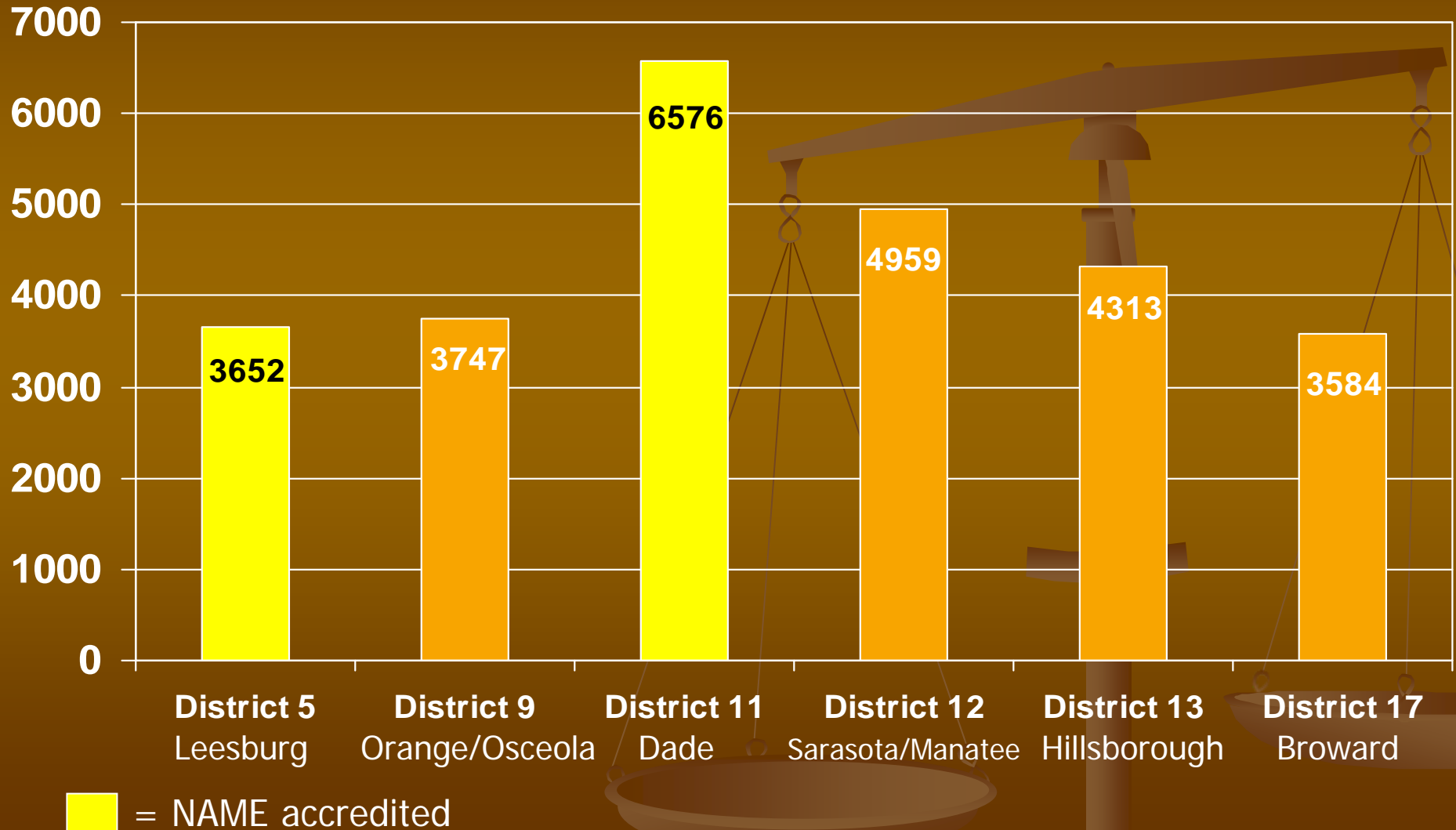
Cost per Autopsy

Neighboring and Comparable Districts



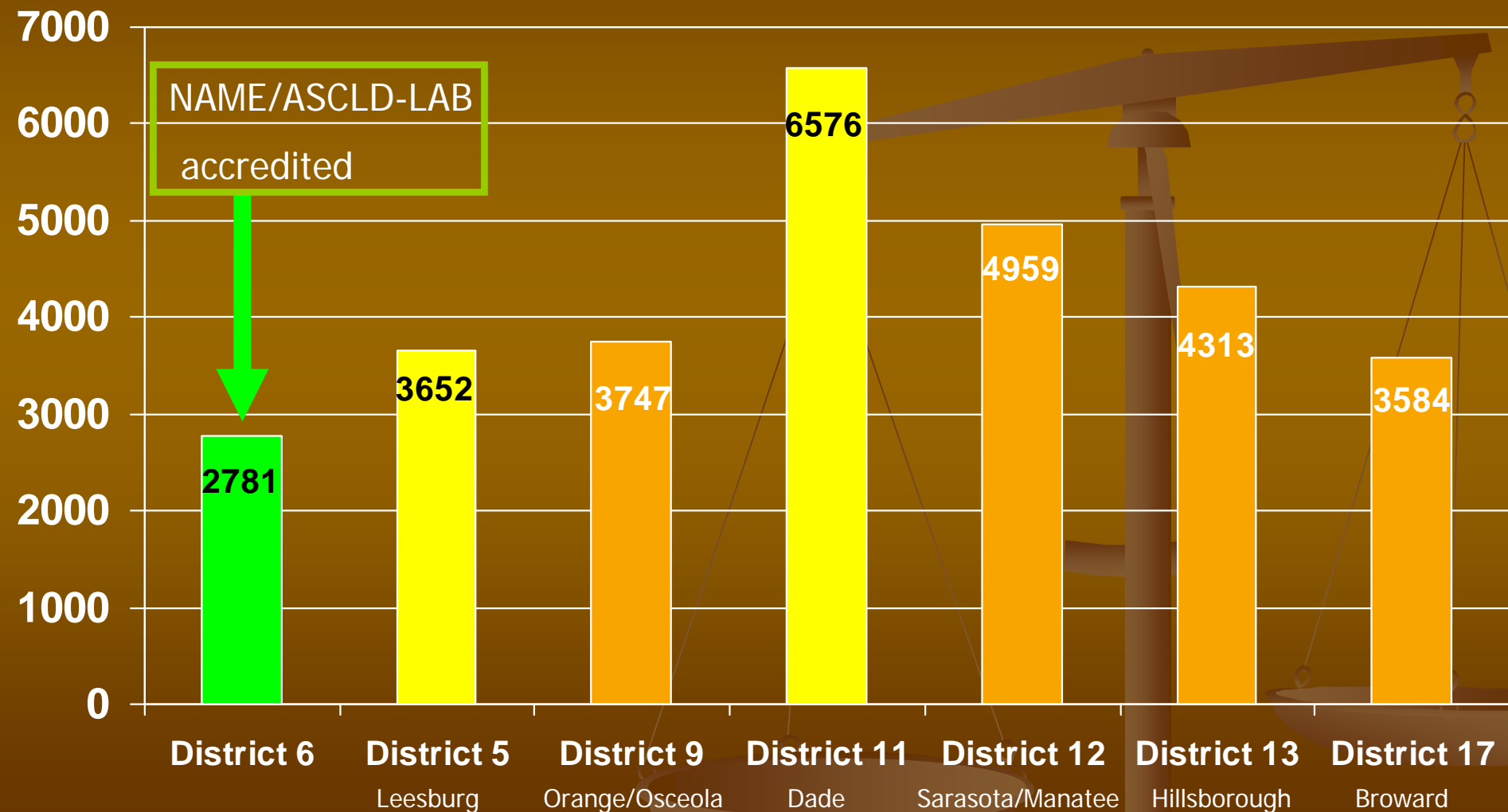
Cost per Violent Death

Neighboring and Comparable Districts

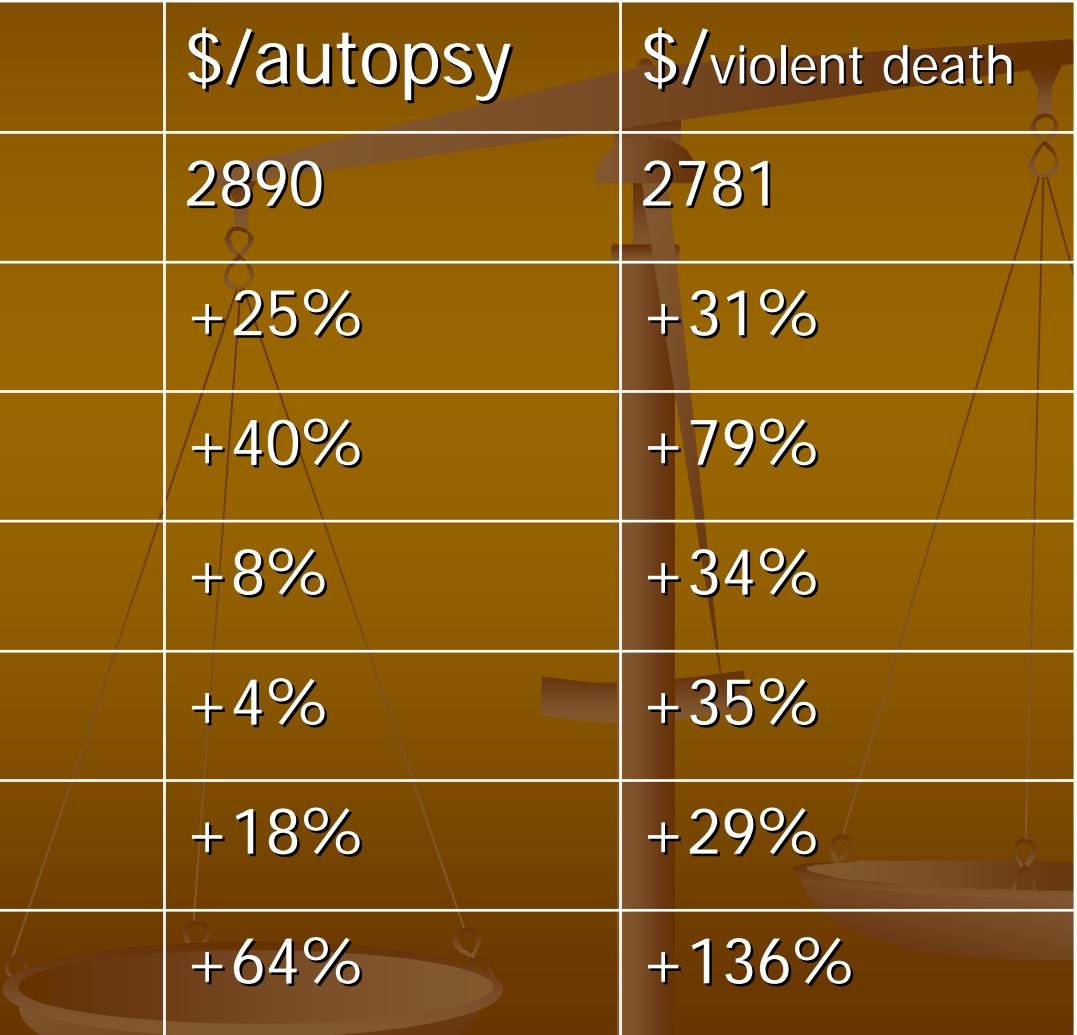


Cost per Violent Death

Neighboring and Comparable Districts



Budget Impacts



	\$/case	\$/autopsy	\$/violent death
District 6	2138	2890	2781
District 5	+29%	+25%	+31%
District 12	+34%	+40%	+79%
District 13	+7%	+8%	+34%
District 9	+5%	+4%	+35%
District 17	+13%	+18%	+29%
District 11	+85%	+64%	+136%

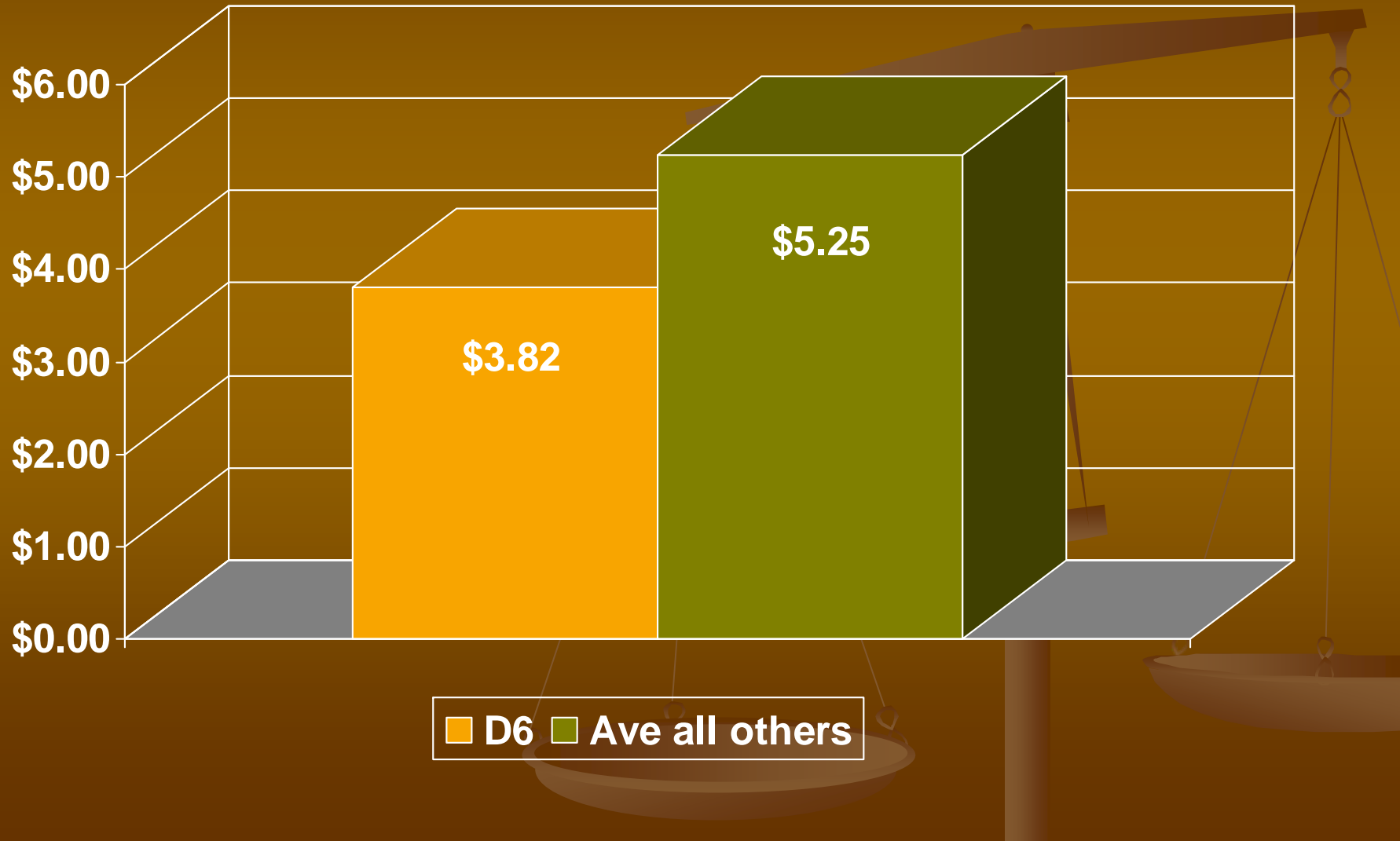
Budget Impacts

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District 9	+5%	+4%	+35%
District 17	+13%	+18%	+29%
District 11	+85%	+64%	+136%

Budget Impacts

	\$/case	\$/autopsy	\$/violent death
District 6	\$3,815,390	\$3,815,390	\$3,815,390
District 5	\$4,921,853	\$4,769,238	\$4,998,161
District 12	\$5,112,663	\$5,341,546	\$6,829,548
District 13	\$4,082,467	\$4,120,621	\$5,112,623
District 9	\$4,006,160	\$3,968,006	\$5,150,777
District 17	\$4,311,391	\$4,502,160	\$4,921,853
District 11	\$7,058,472	\$6,257,240	\$9,004,320

Budget Impact Averaged



Budgeting for FY11

Are we efficient and fiscally responsible?

- Fully Accredited
- High level of service and difficulty
- Rapid case completion
- Low cost
- Indemnification
- 10 years of service

