

# Improving the Quality of Court Information

ACAP Systems Conference  
Little Rock  
October 31, 2014

Richard Schauffler  
National Center for State Courts



**Without data, you're just  
another person with an  
opinion**

**AOPC** *Research*

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ADMINISTRATIVE OFFICE  
of PENNSYLVANIA COURTS

# Lift Fulton from mire

Atlanta Journal Constitution

**Put someone in charge of  
the courts . . . no one  
actually running the place ...**

# The courts better themselves

**Boston Globe**

**Lawmakers would be wise to  
give the courts the power to  
complete their campaign for  
excellence.**

# **What is Data Quality?**



**Available**

Right-sized

**Complete**

Believable

Consistent

**Accurate**

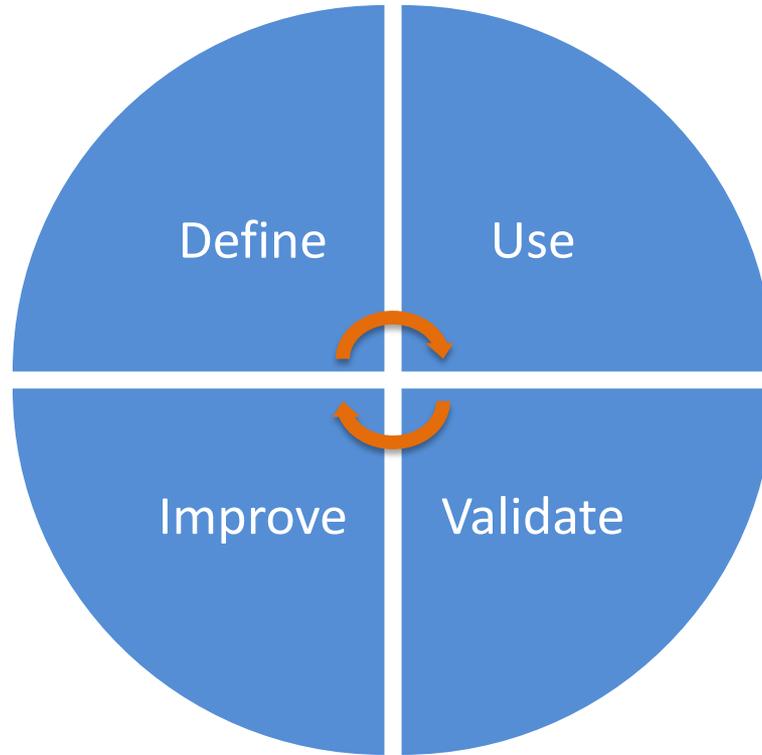
Interpretable

Relevant

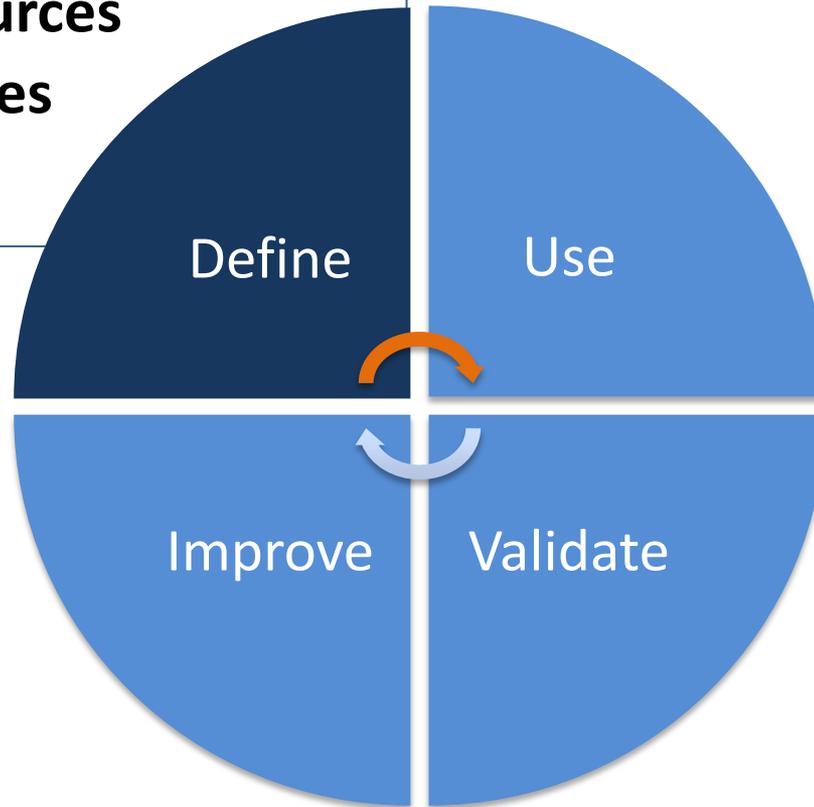
Secure

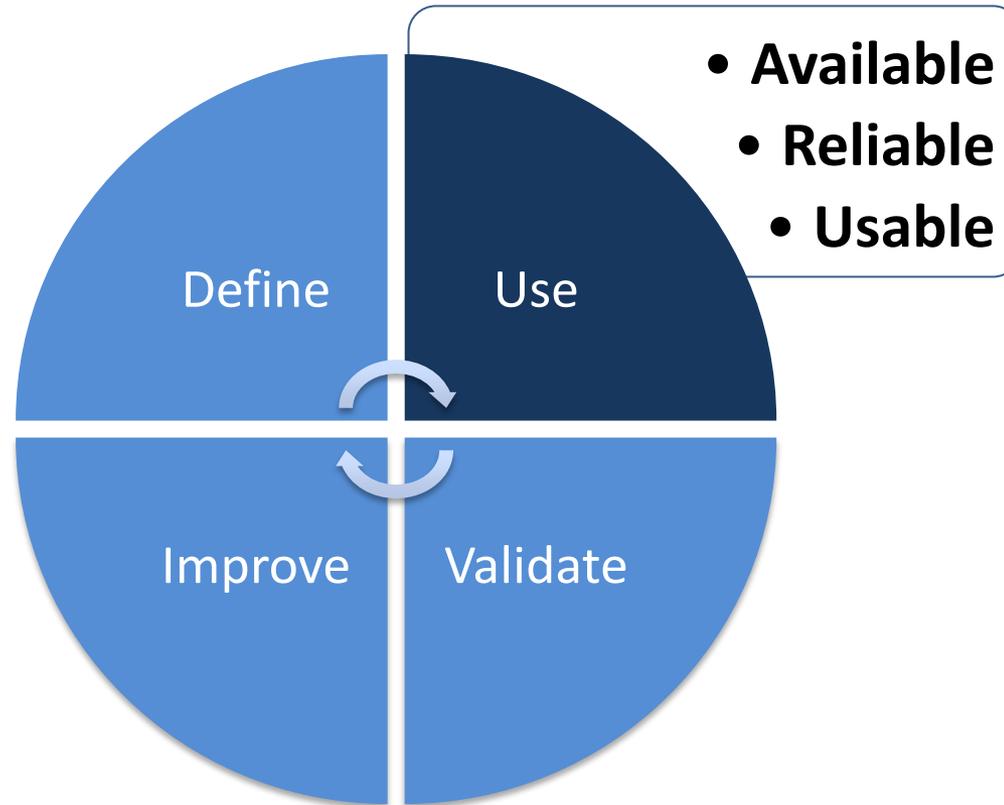
**Timely**

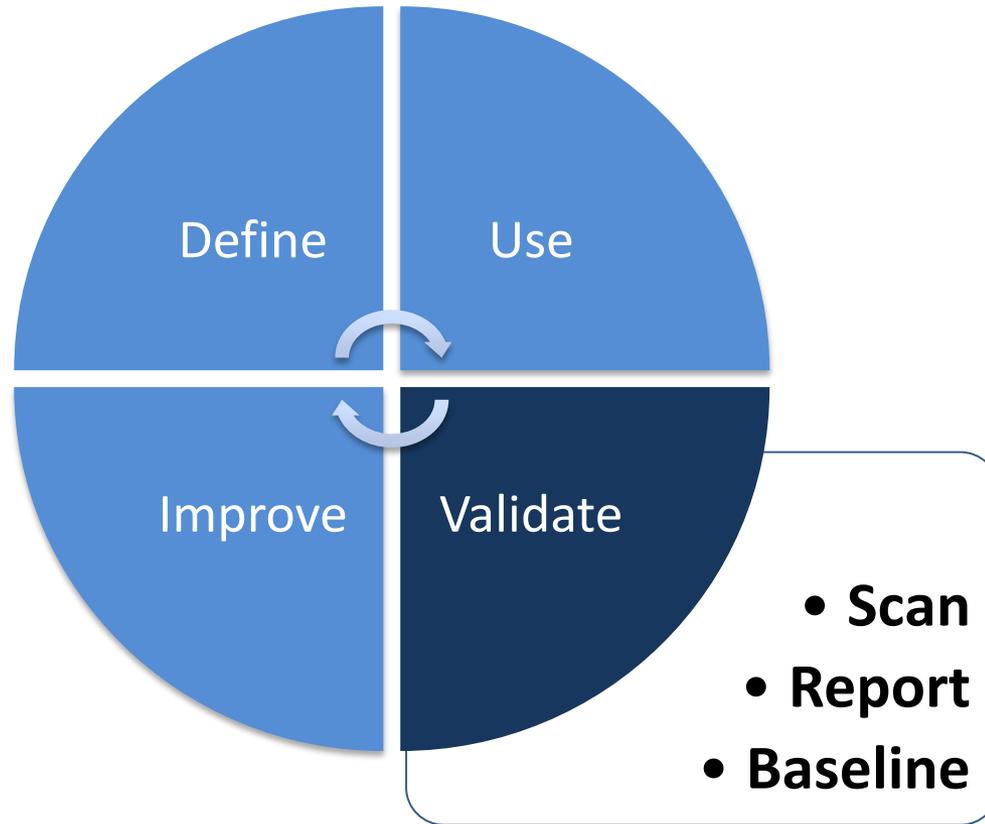
**How Do You  
Get It?**

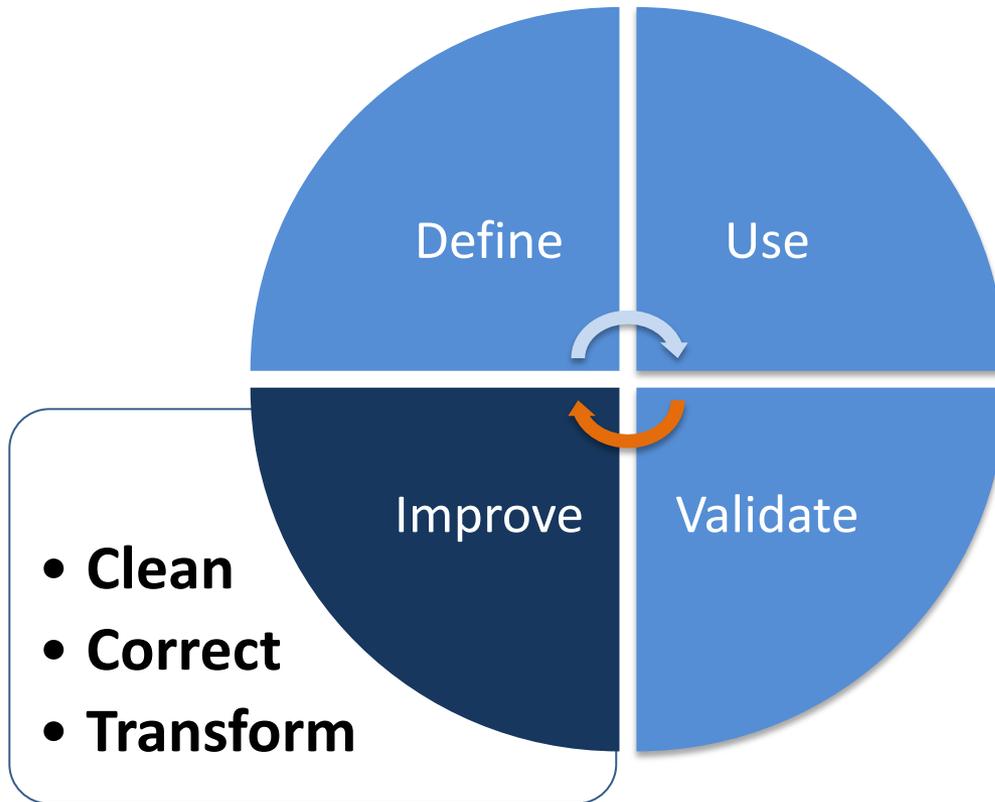


- **Data Sources**
- **Properties**
- **Rules**

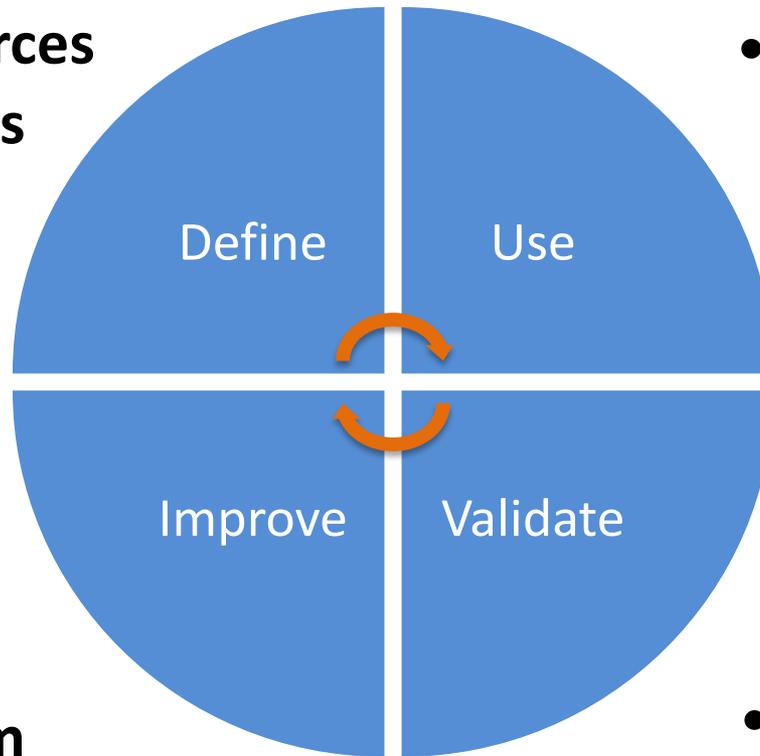








- **Data Sources**
- **Properties**
- **Rules**



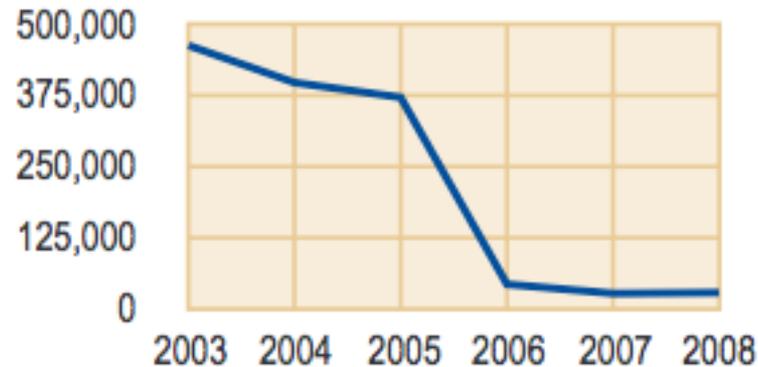
- **Available**
- **Reliable**
- **Usable**

- **Clean**
- **Correct**
- **Transform**

- **Scan**
- **Report**
- **Baseline**

# The Campaign Strategy

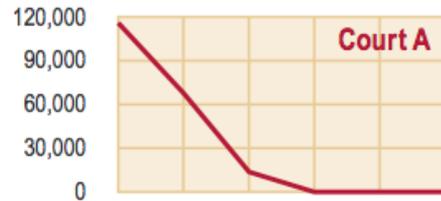
## Total Cases with Suspect Data in 16 Justice Courts, 2003-2008



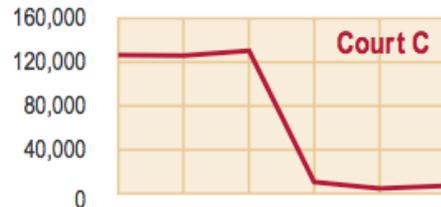
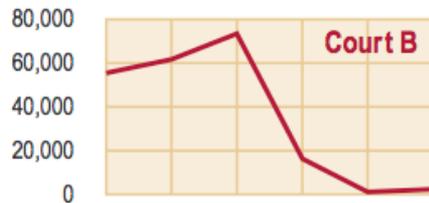
- There were more than 460,000 instances of suspect data when this report was first compiled in 2003.
- It took two years of reporting and analysis to convince the courts of the need to manage data quality.

## Suspect Data in 4 Selected Courts

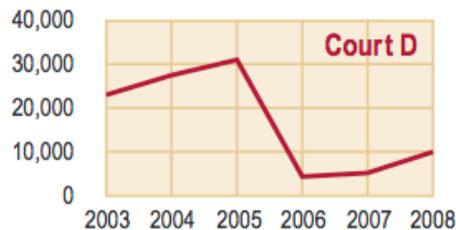
**Court A** immediately recognized the need for data quality management.



**Court B** and **Court C** began data quality management efforts in the second year of the program.



**Court D** corrected most of its case records with suspect data, but still does not monitor and manage data quality consistently.

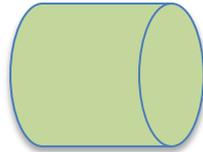


# Fix

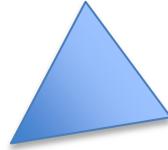
# Stall

# Pretend

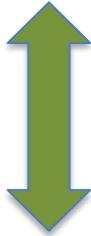
Old Legacy System



New Data Entry

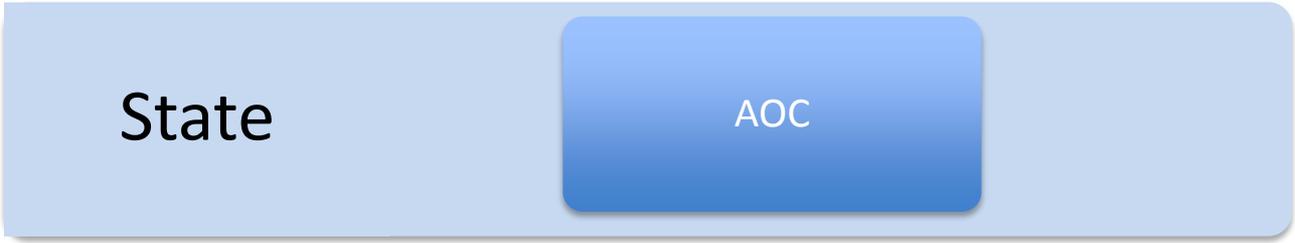
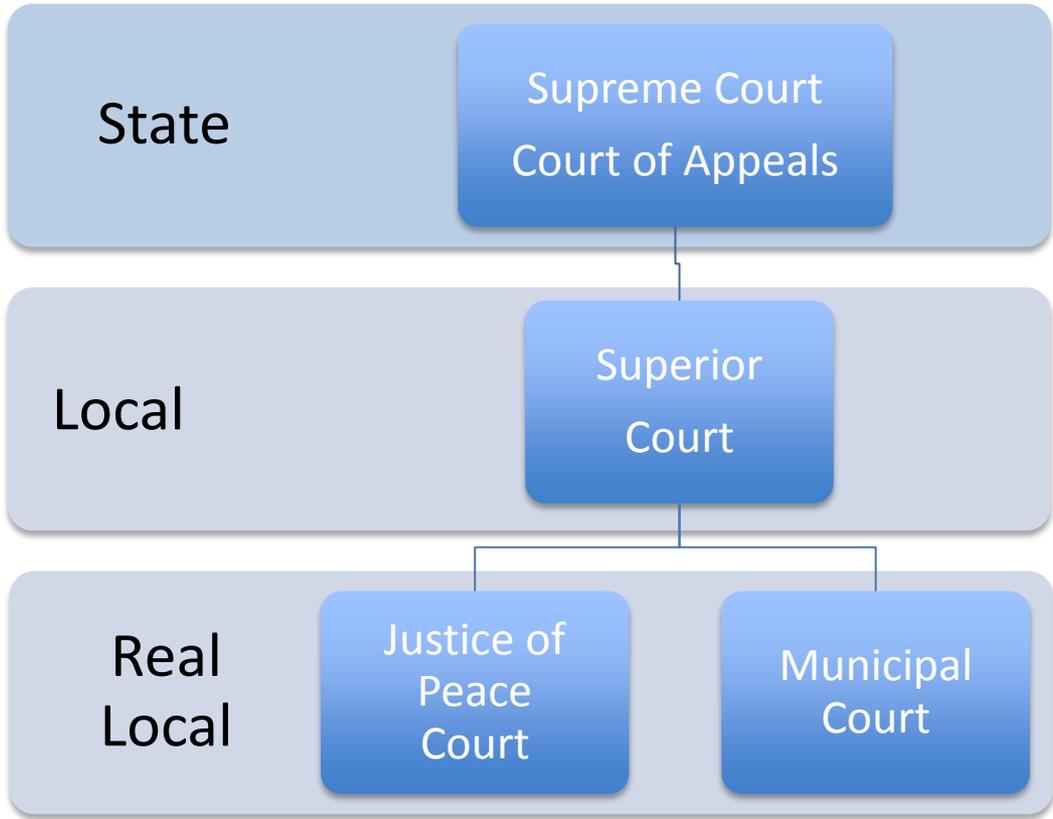


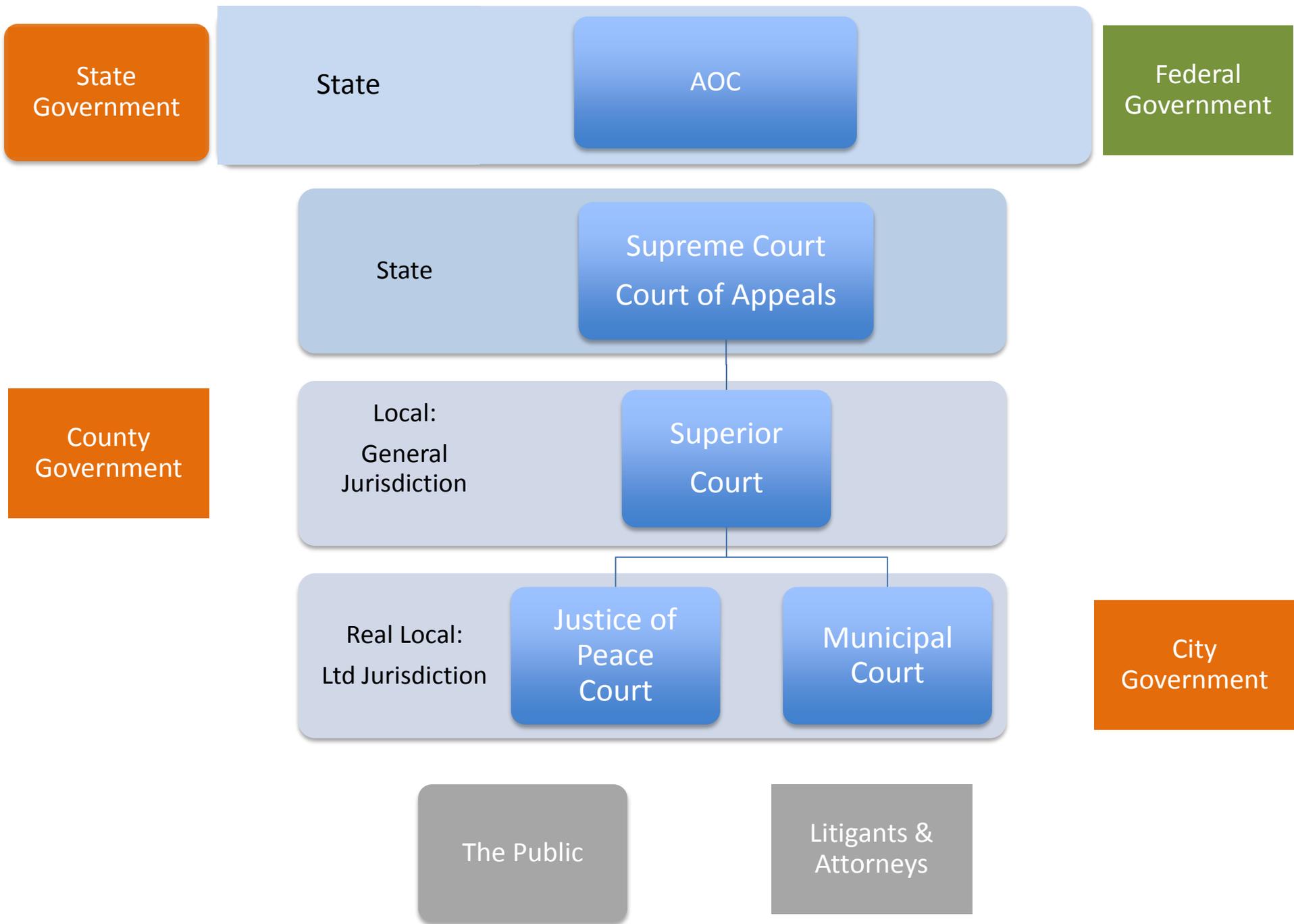
**New Mass Courts System**

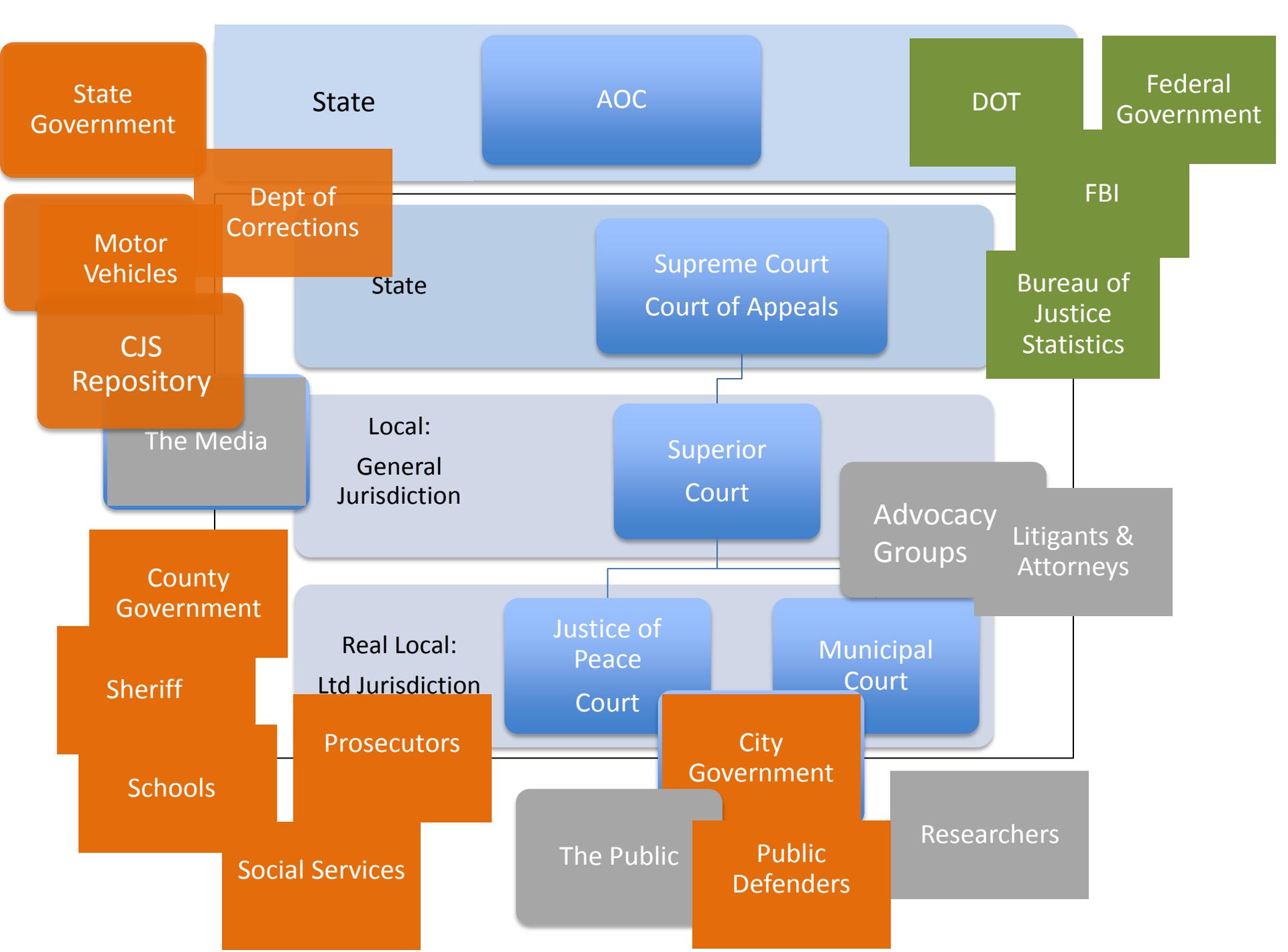


***The Workflow Strategy***

**Who Cares?**







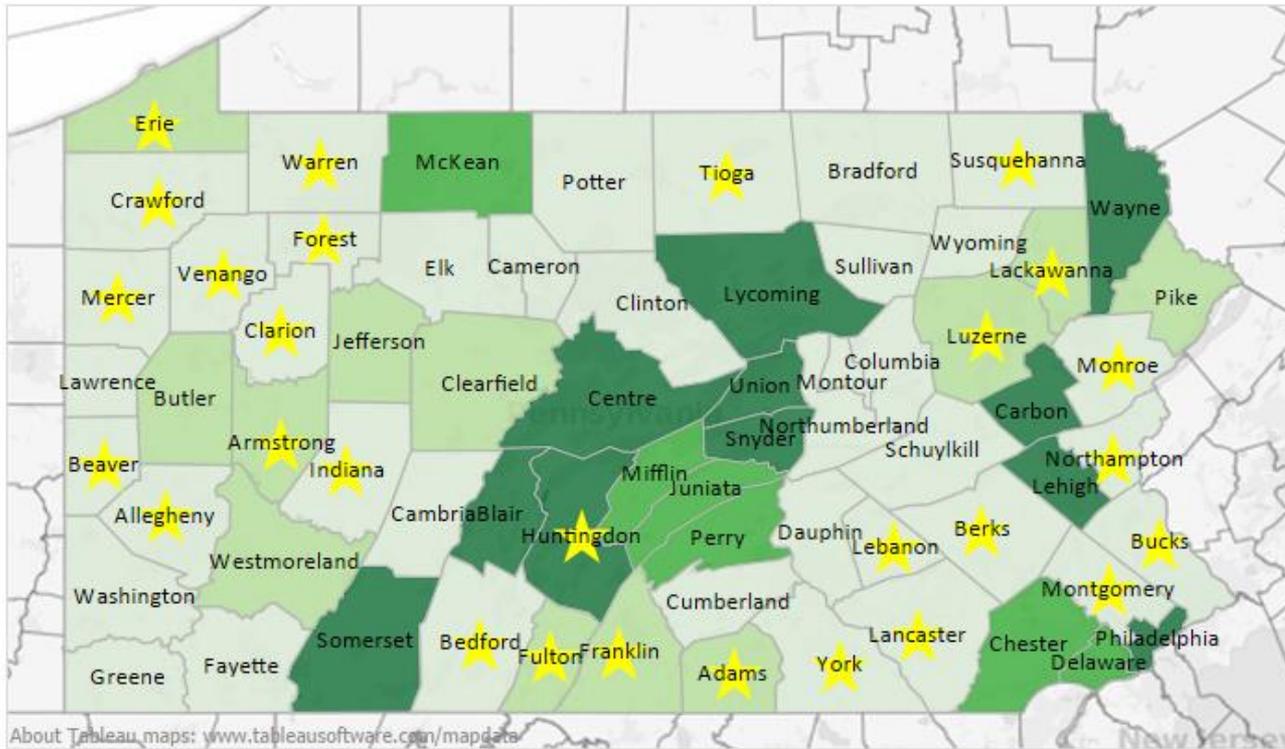
# **Surviving the Economic Tsunami in State Courts:**

**How Fresh Ideas, New Solutions and  
Inter-branch Cooperation Are  
Replacing “Business as Usual”**

**Can We  
Do Better?**

## 2014 Civil Inventory Project

### Levels of Case Management

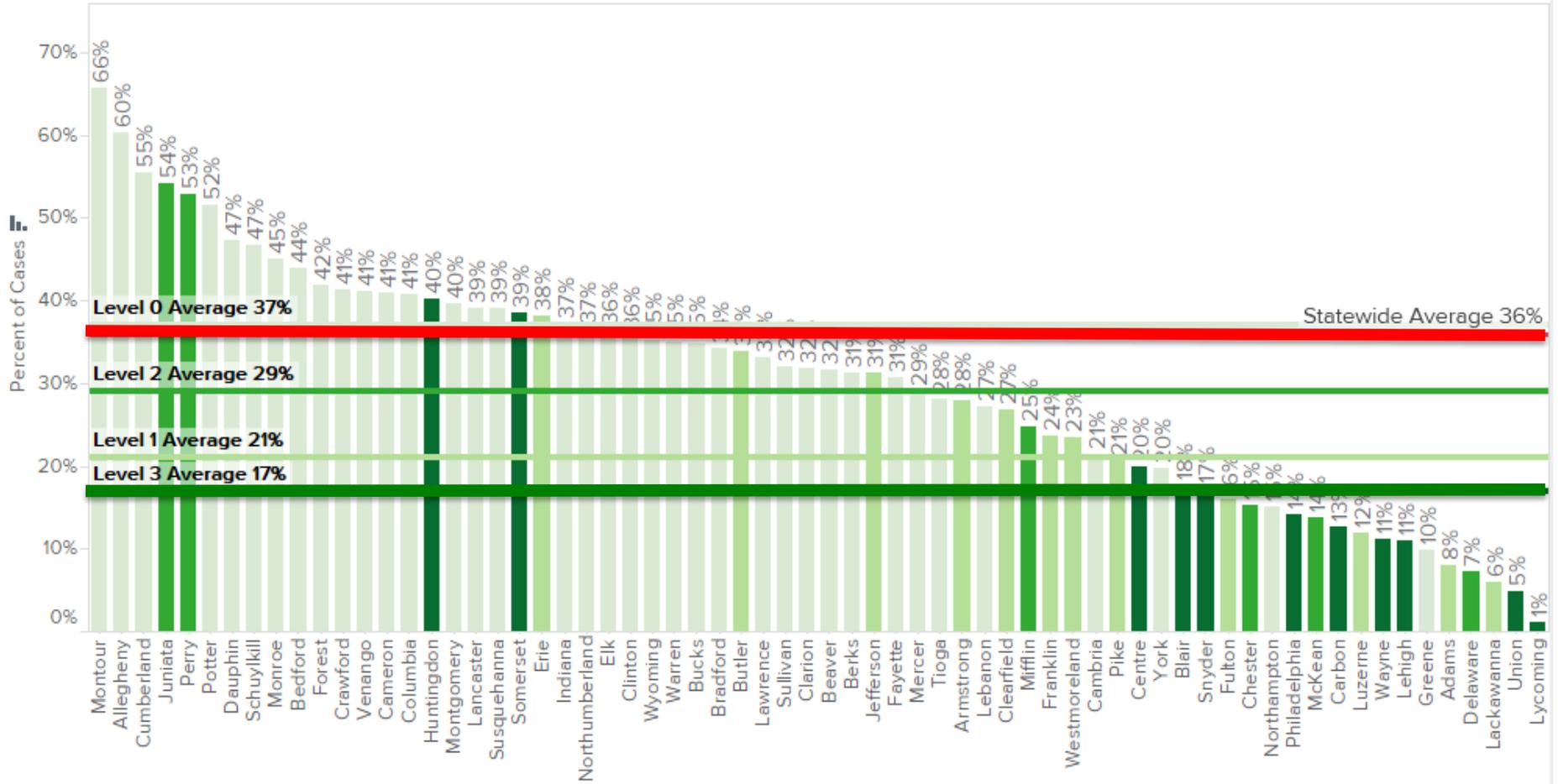


### Legend

*Hover over legend to see definitions*

Level 0 - Attorney Driven	
Level 1 - Attorney Driven, Court Monitored	
Level 2 - Court Driven	
Level 3 - Court Controlled	
Counties with local rules committees or working groups addressing case management	

## Percent of Civil Cases Over 2 Years Old



\*Washington County is unable to produce the number of active civil cases, therefore they are excluded from the chart above.

50%

**Daily  
Caseflow  
Management**



## Performance Measure Reports

[Access and Fairness](#)

[Effective Use of Jurors](#)

## Clearance Rate

[District Court](#) | [Juvenile Court](#) | [Justice Court](#) | [Supreme Court](#) | [Court of Appeals](#)

## Time to Disposition

[District Court](#) | [Juvenile Court](#) | [Justice Court](#) | [Supreme Court](#) | [Court of Appeals](#)

## Age of Pending Cases

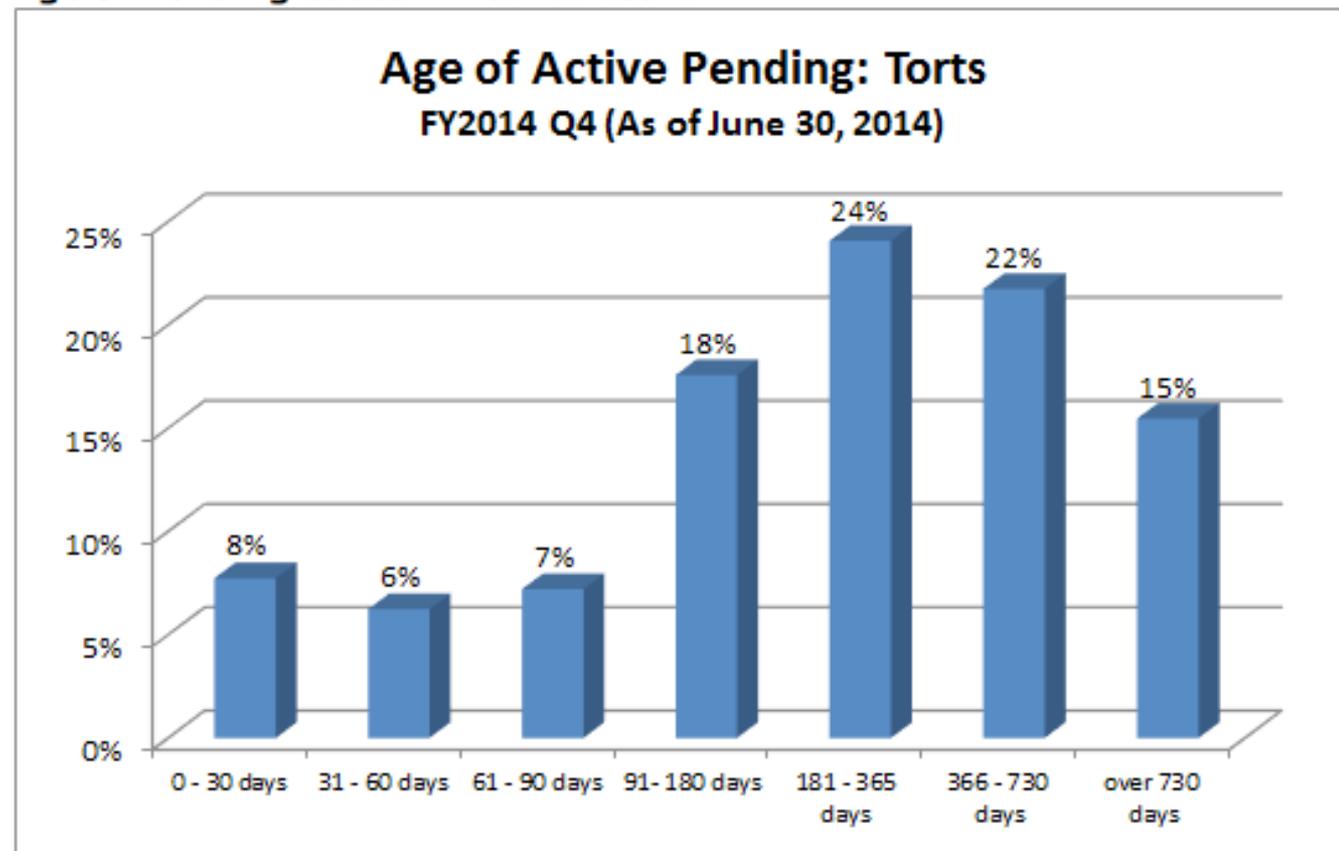
[District Court](#) | [Justice Court](#)

## Restitution, Fines, and Fees

[District Court](#) | [Juvenile Court](#)

## Court Employee Satisfaction

## Age of Pending Cases - District Court



# Jury Management Data

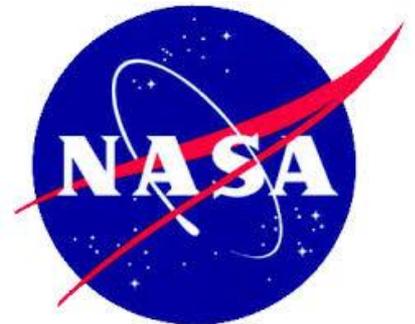
STATEWIDE					
JURY SELECTION PROCESS	FY 2009	FY2010	FY2011	FY2012	FY2013
SERVED ON JURY	3,117	2,711	3,111	3,188	3,959
REPORTED FOR SERVICE	13,184	13,266	12,701	12,866	13,495
FAILED TO APPEAR	376	370	1,115	1,297	1,497
TOLD NOT TO REPORT	29,666	32,404	33,609	31,558	31,828
SUMMONED	43,226	46,040	47,425	45,721	46,820
ELIGIBLE	57,069	57,837	61,201	60,573	65,450
NOT ELIGIBLE	92,068	88,120	100,624	100,033	92,307
SELECTED FROM JURY POOL	149,137	145,957	161,825	160,606	157,757
REASONS NOT ELIGIBLE					
BAD ADDRESS	40,576	39,999	39,447	36,923	30,962
BAD ADDRESS FIX	45,973	32,774	28,732	27,721	44,514
DUPLICATE	6	6	17	3	12
DECEASED	554	633	642	715	824
DISQUALIFIED	0	0	0	0	0
EXCUSED HARDSHIP/NECESSITY-TEMPORARY	3,115	3,451	3,500	3,197	4,918
EXCUSED HARDSHIP/NECESSITY-PERMANENT	5,377	5,347	4,852	4,662	5,733
FELONY	2,772	2,218	2,394	2,239	2,070
MOVED OUT OF STATE	4,004	3,646	4,093	6,142	18,110

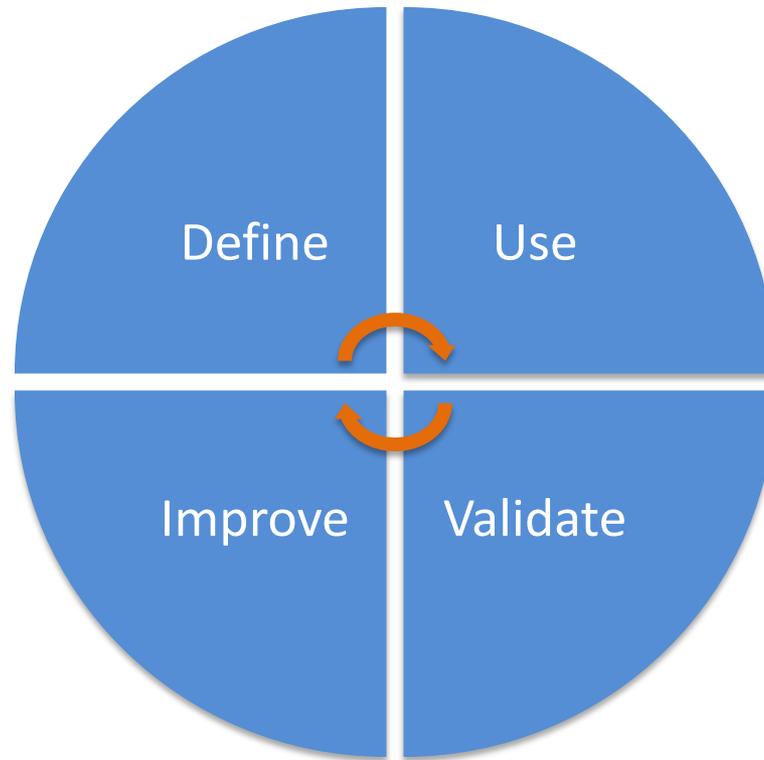




**Crash programs fail because  
they are based on theory that,  
with nine women pregnant,  
you can get a baby in one month.**

--Wernher Von Braun





**Thank You**

[www.courtstatistics.org](http://www.courtstatistics.org)

[www.courtools.org](http://www.courtools.org)



## Narrative:

- 1) What is data quality
  - 1) -dimensions of it
- 2) how do you get it
  - 1) Working the 4 quadrants
  - 2) Examining the data in detail
    - 1) examples
- 3) how do you keep it
  - 1) Training/use/audits
- 4) Why does it matter?
  - 1) Budget
  - 2) Policy
  - 3) Management