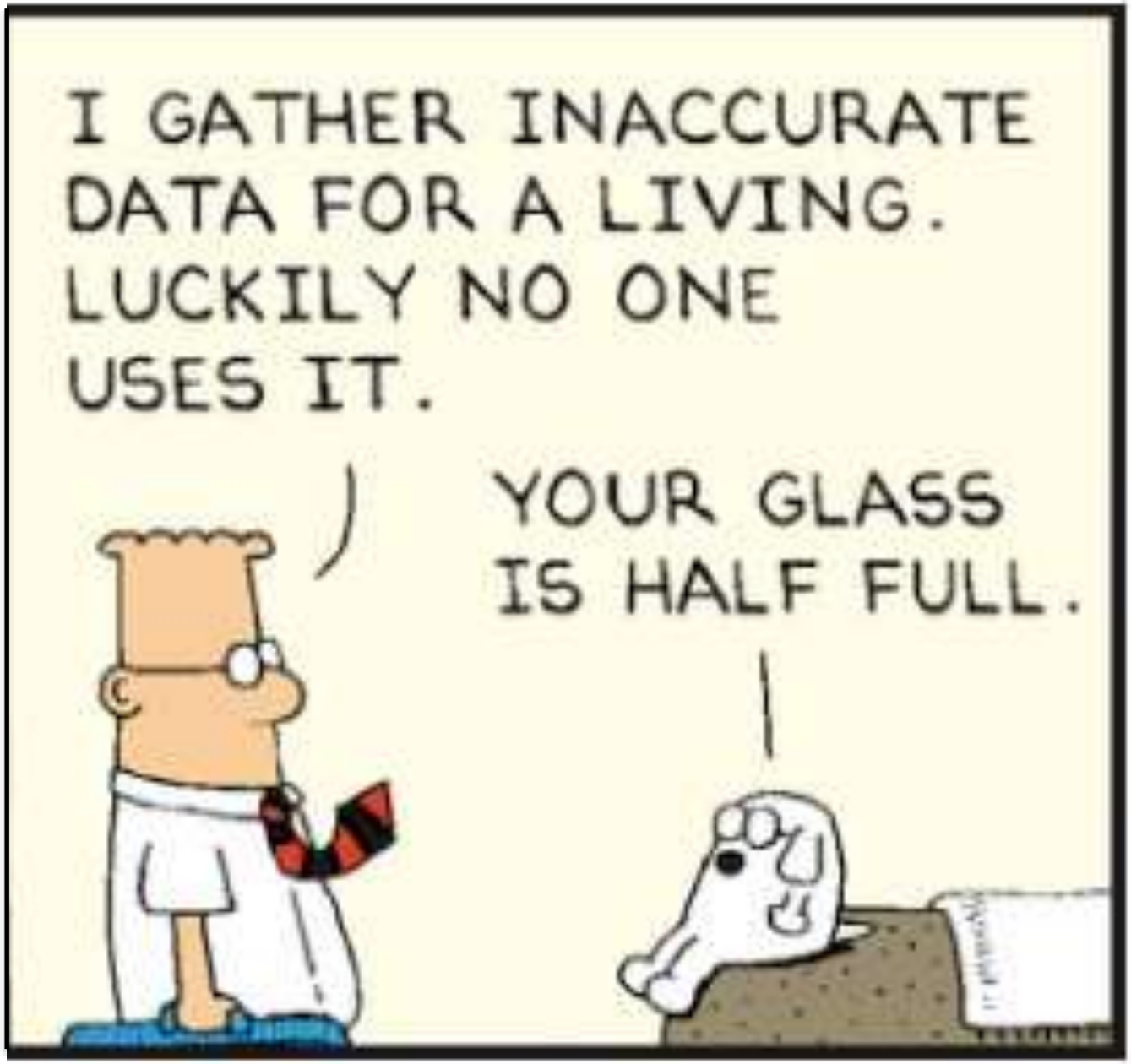
Without Good Data, You're Just Another Person with an Opinion: Using Data to Lead State Courts

Technology Committee

North Carolina Commission on the Administration of Law & Justice

December 18, 2015


I GATHER INACCURATE DATA FOR A LIVING. LUCKILY NO ONE USES IT.
YOUR GLASS IS HALF FULL.

Available

Right-sized

Complete

Believable

Consistent

Accurate

Interpretable

Relevant

Secure

Timely

What happens when we don’t have it?

THE WALL STREET JOURNAL.

THE OUTLOOK
Why Housing Rebound Hasn't Lifted ...

Another Nail-Biter for Expiring Tax Breaks

For Ryan, Early Wins, and Tests to Come

Louisiana Governor-Elect Vows Budget Changes

U.S.

Abuse Plagues System of Legal Guardians for Adults

Allegations of financial exploitation and abuse are rife, despite waves of overhaul efforts

By ARIAN CAMPO-FLORES and ASHBY JONES

Oct. 30, 2015 1:18 p.m. ET

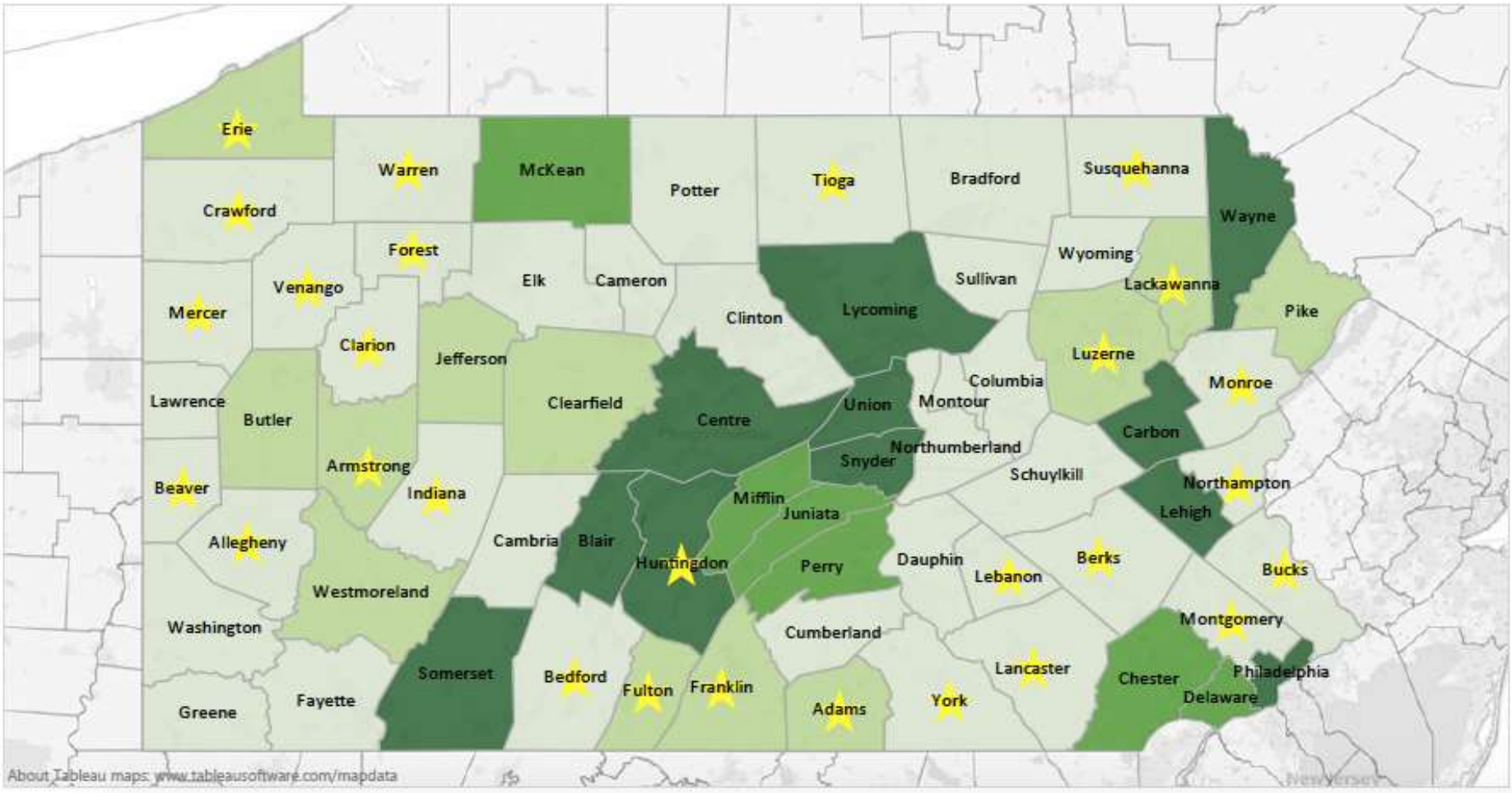
One day in March 2012, 71-year-old Linda McDowell received a knock at the door of her

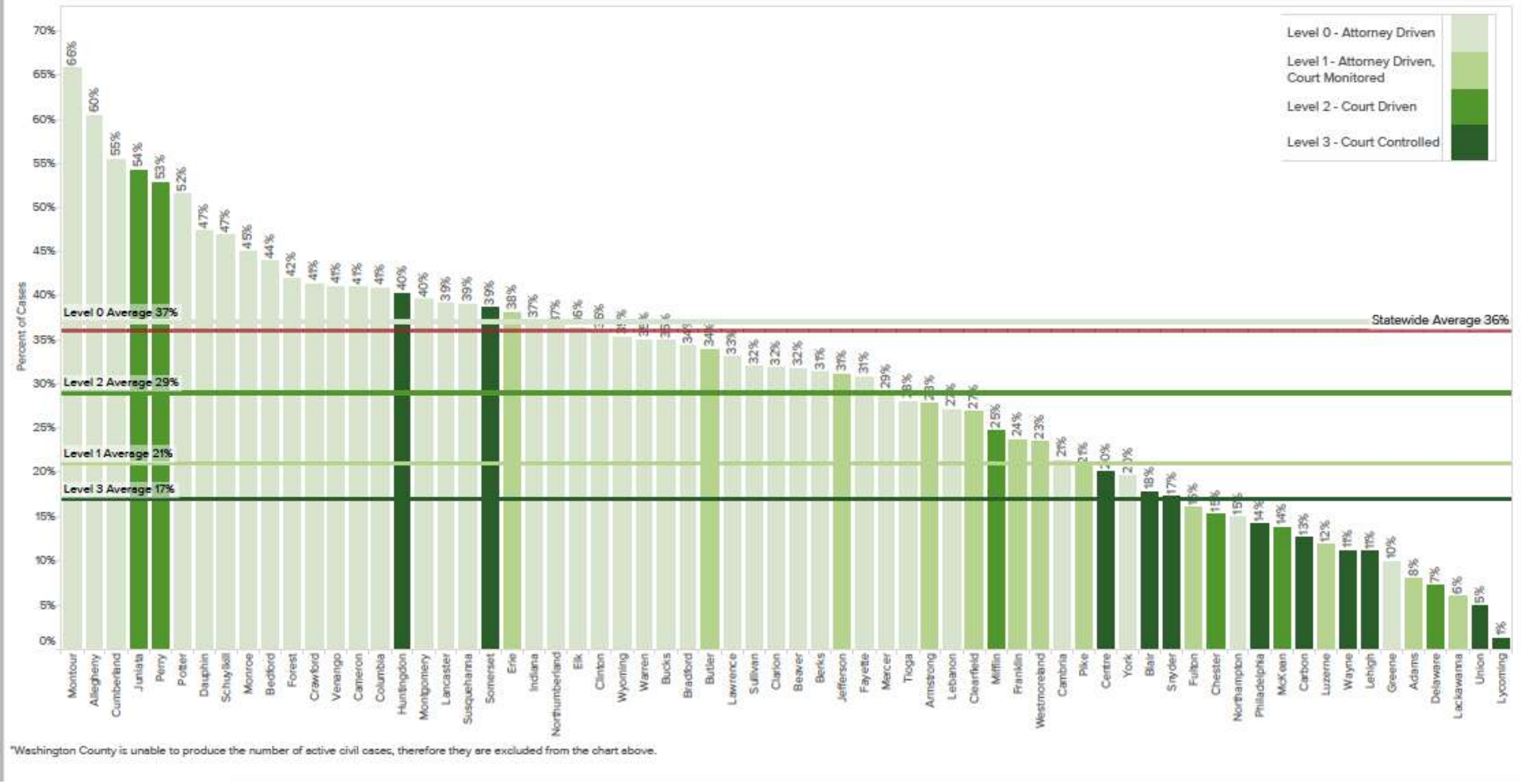
The reporters claimed $273 Billion in assets
in guardianships
under control of state courts

How Are State Courts Using Data?

Figure 2: Levels of Case Management

While the map appears to show that attorney driven civil court systems remain predominant in Pennsylvania, the results of the Statewide Civil Court Inventory Project will quickly change this view. Each county marked by a star has established a local rules committee or working group that is developing civil case management plans; most intend to implement new systems by early 2015. As new case management protocols are adopted, the map will be updated quarterly. Accordingly, both the age and size of civil inventories across the Commonwealth will change, as will the number of attorney driven systems.





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

MassCourts Filings and Events, Year Over Year Comparison
Twelve Months Ending September 30, 2014 and September 30, 2015

District Court Department
MassCourts Filings by Case Type and Division
Year-Over-Year Comparison

	Filings YE Sep 14	Filings YE Sep 15	Filings % Change	Events YE Sep 14	Events YE Sep 15	Events % Change	Events/Filing 2014	Events/Filing 2015
Attleboro	**11,828**	**10,561**	**-10.7%**	**41,502**	**38,105**	**-8.2%**	**3.5**	**3.6**
Civil Matters	3,656	3,515	-3.9%	12,087	10,983	-9.1%	3.3	3.1
Criminal Matters	5,514	4,638	-15.9%	26,337	23,762	-9.8%	4.8	5.1
Traffic Matters	2,658	2,408	-9.4%	3,078	3,360	9.2%	1.2	1.4
Ayer	**5,928**	**6,077**	**2.5%**	**21,414**	**21,145**	**-1.3%**	**3.6**	**3.5**
Civil Matters	2,150	2,234	3.9%	6,627	6,344	-4.3%	3.1	2.8
Criminal Matters	2,469	2,526	2.3%	12,595	13,118	4.2%	5.1	5.2
Traffic Matters	1,309	1,317	0.6%	2,192	1,683	-23.2%	1.7	1.3
Barnstable	**5,461**	**5,183**	**-5.1%**	**12,560**	**11,764**	**-6.3%**	**2.3**	**2.3**
Civil Matters	3,957	3,913	-1.1%	10,871	10,234	-5.9%	2.7	2.6
Criminal Matters	237	120	-49.4%	0	0		0.0	0.0
Traffic Matters	1,267	1,150	-9.2%	1,689	1,530	-9.4%	1.3	1.3
Brockton	**12,836**	**12,845**	**0.1%**	**32,804**	**30,037**	**-8.4%**	**2.6**	**2.3**
Civil Matters	8,976	9,090	1.3%	27,355	25,138	-8.1%	3.0	2.8
Criminal Matters	75	92	22.7%	0	0		0.0	0.0
Traffic Matters	3,785	3,663	-3.2%	5,449	4,899	-10.1%	1.4	1.3
Brookline	**4,613**	**4,242**	**-8.0%**	**11,452**	**10,834**	**-5.4%**	**2.5**	**2.6**
Civil Matters	977	1,002	2.6%	2,186	2,142	-2.0%	2.2	2.1
Criminal Matters	1,310	1,152	-12.1%	6,449	5,928	-8.1%	4.9	5.1
Traffic Matters	2,326	2,088	-10.2%	2,817	2,764	-1.9%	1.2	1.3
Cambridge	**8,611**	**8,468**	**-1.7%**	**32,345**	**29,232**	**-9.6%**	**3.8**	**3.5**
Civil Matters	3,964	3,527	-11.0%	8,905	8,296	-6.8%	2.2	2.4
Criminal Matters	2,606	2,880	10.5%	20,582	18,219	-11.5%	7.9	6.3
Traffic Matters	2,041	2,061	1.0%	2,858	2,717	-4.9%	1.4	1.3

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 | Supreme Court | Court of Appeals

Age of Pending Cases

District Court | Justice Court

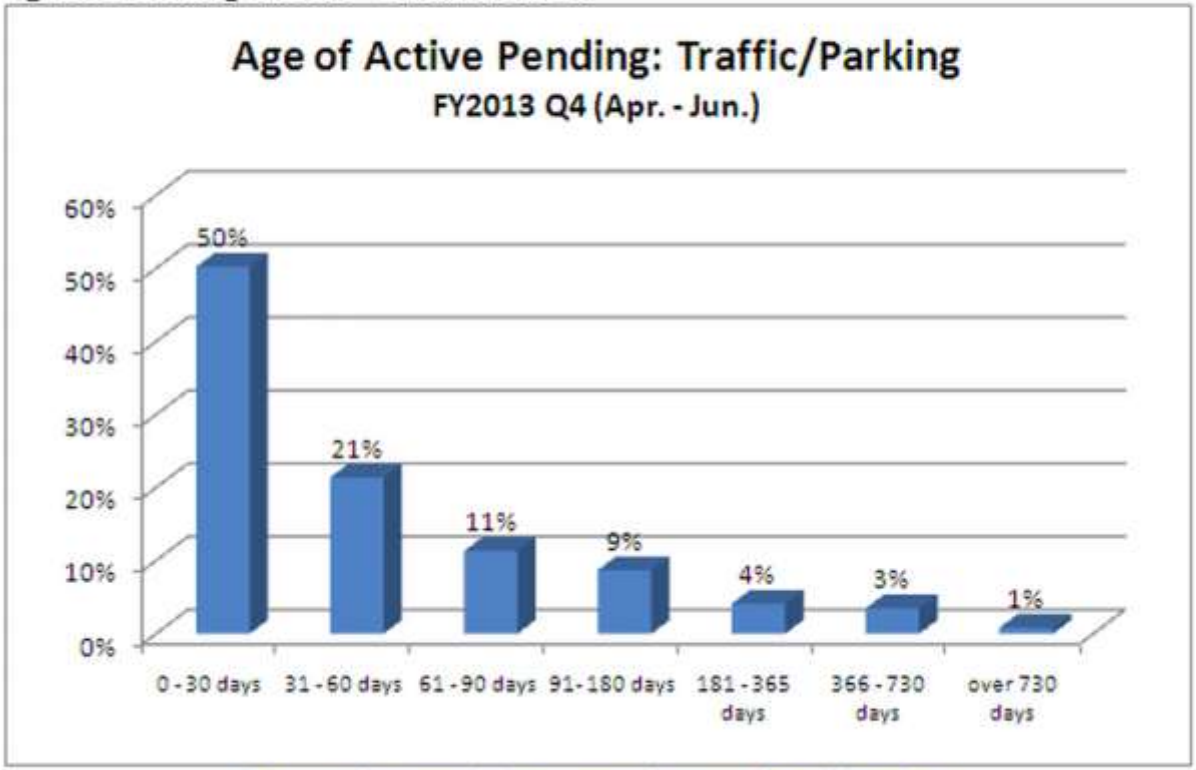
Restitution, Fines, and Fees

District Court | Juvenile Court

Court Employee Satisfaction

Related Performance Information

Age of Pending Cases - District Court



All Cases | Criminal | Domestic | General Civil | Probate | Property Rights | Torts | Traffic/Parking

See Previous Years | **See Details**

Age of Active Pending

What it is: The age of active pending cases is the average age of cases awaiting disposition.

How it is Measured: Case pending age is measured from the time of filing to the time of measurement. Only active cases (cases in which the court is able to proceed) are included in this measure.

Why it is Important: This measure helps the court ensure cases are disposed in a timely manner. Cases pending longer than recommended timelines may indicate the need for case management intervention.

Performance Measure Reports

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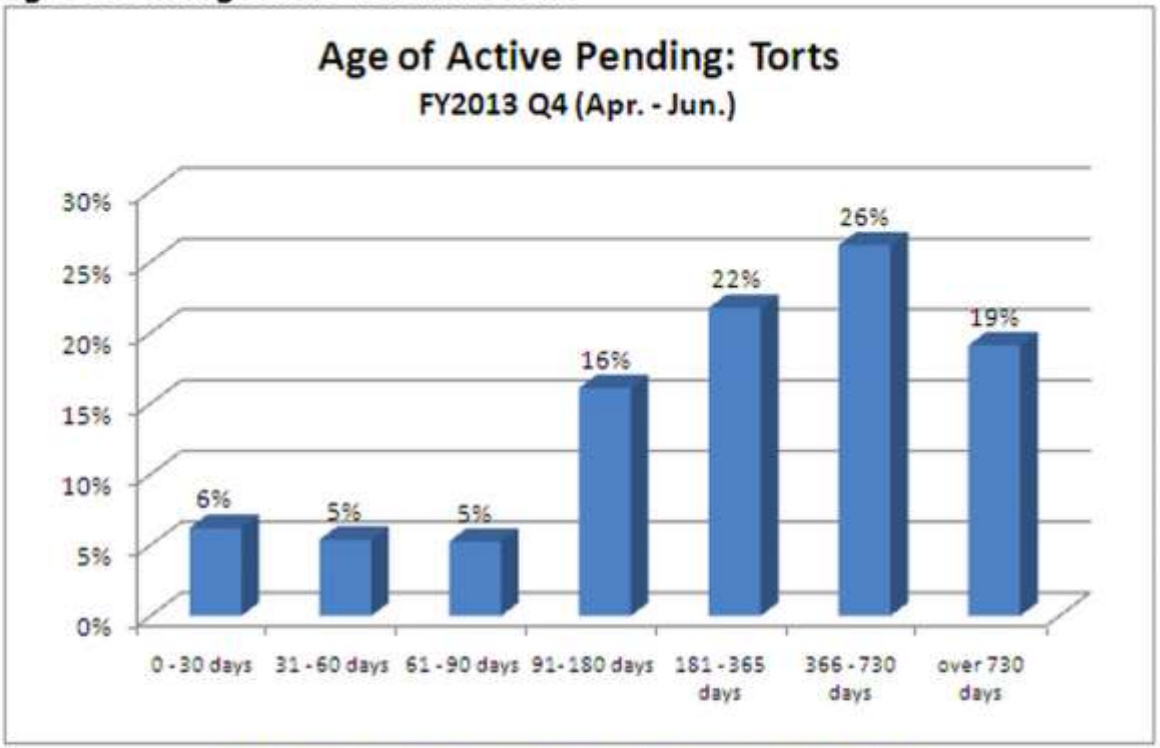

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*

What is wrong with this picture?

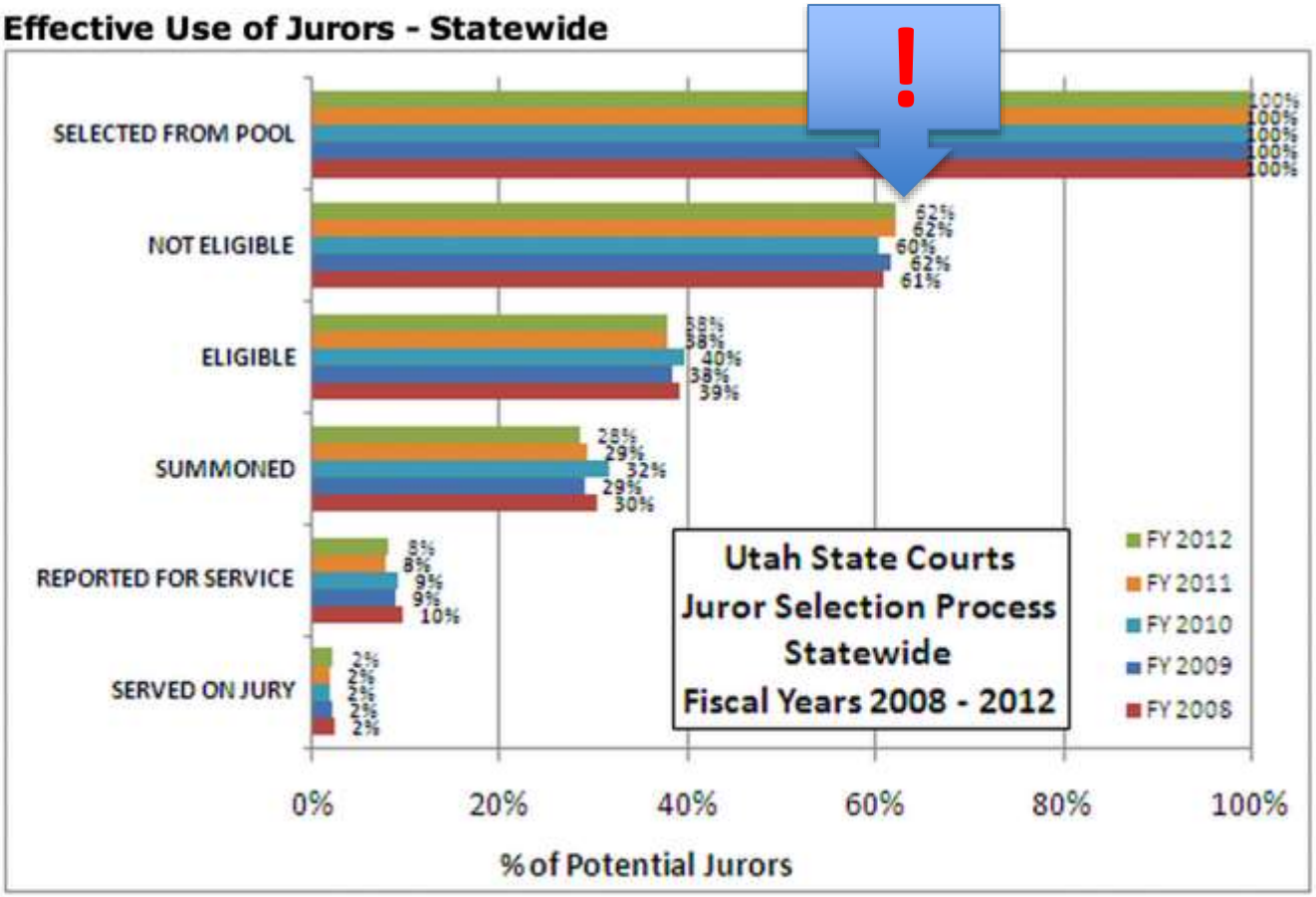
Utah State Courts - Court Performance Measures

Home

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 | Supreme Court | Court of Appeals
- **Age of Pending Cases**
  District Court | Justice Court
- **Restitution, Fines, and Fees**
  District Court | Juvenile Court
- **Court Employee Satisfaction**
- **Related Performance Information**

Effective Use of Jurors - Statewide



See Previous Years | See Details

Jury Yield

What it is: Juror yield is the number of citizens selected for jury service compared to the number of citizens summoned for service.

Focus on Case Settings to Case Disposition

Harris County Criminal Courts at Law

About These Reports

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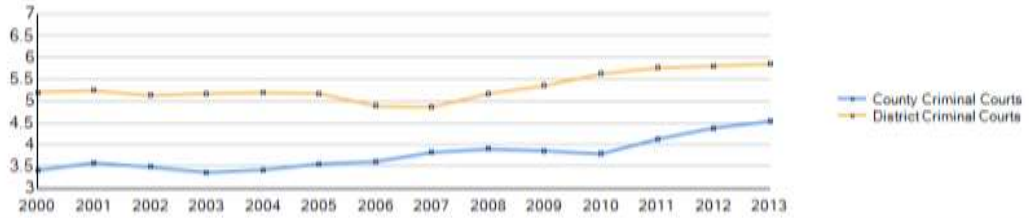
Copy URL | Default Report

1 of 2 | 100% | Find | Next | Select a format | Export

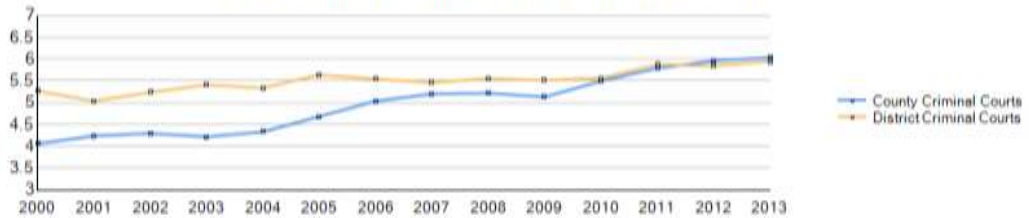
Average Settings to Original Disposition

Average Settings to Original Disposition for All Offense Categories



	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG
County Criminal Courts	60,434	3.41	57,015	3.58	59,402	3.48	60,855	3.36	66,736	3.42	71,344	3.56	77,476	3.61	76,381	3.82	68,178	3.90	77,977	3.86	79,153	3.79	71,058	4.13	75,871	4.38	33,880	4.53
District Criminal Courts	34,125	5.21	33,530	5.24	37,981	5.13	39,196	5.18	40,324	5.20	41,356	5.17	47,783	4.88	48,433	4.86	47,468	5.17	51,965	5.35	46,913	5.63	47,736	5.76	49,044	5.81	21,822	5.85

Average Settings to Original Disposition for DWI Cases



	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG	Cases	AVG
County Criminal Courts	10,422	4.06	10,599	4.24	11,410	4.30	10,850	4.22	11,431	4.33	12,020	4.69	10,863	5.04	10,585	5.20	10,196	5.22	10,704	5.13	10,471	5.50	12,168	5.79	14,179	5.96	6,604	6.04
District Criminal Courts	931	5.27	706	5.04	822	5.24	825	5.41	811	5.34	784	5.65	824	5.55	920	5.47	974	5.56	1,315	5.52	1,478	5.56	1,562	5.88	1,603	5.85	767	5.95

Printed 6/3/2013

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CourTools Measure 2 – Clearance Rate

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  - Dimensions

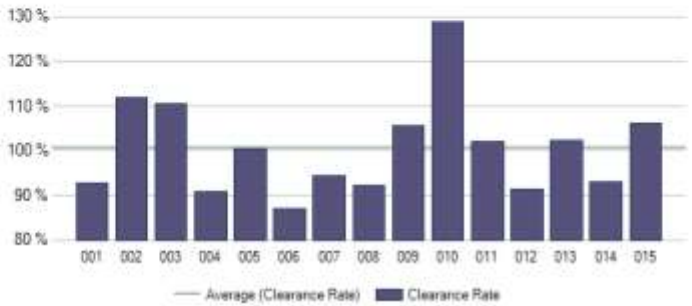
Copy URL | Default Report

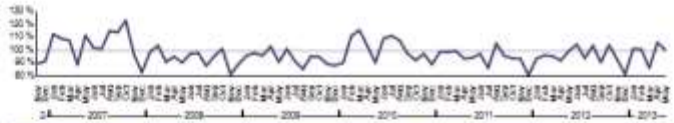
Court Division: County Criminal Courts

1 of 1 | 100% | Find | Next | Select a format | Export

Clearance Rate

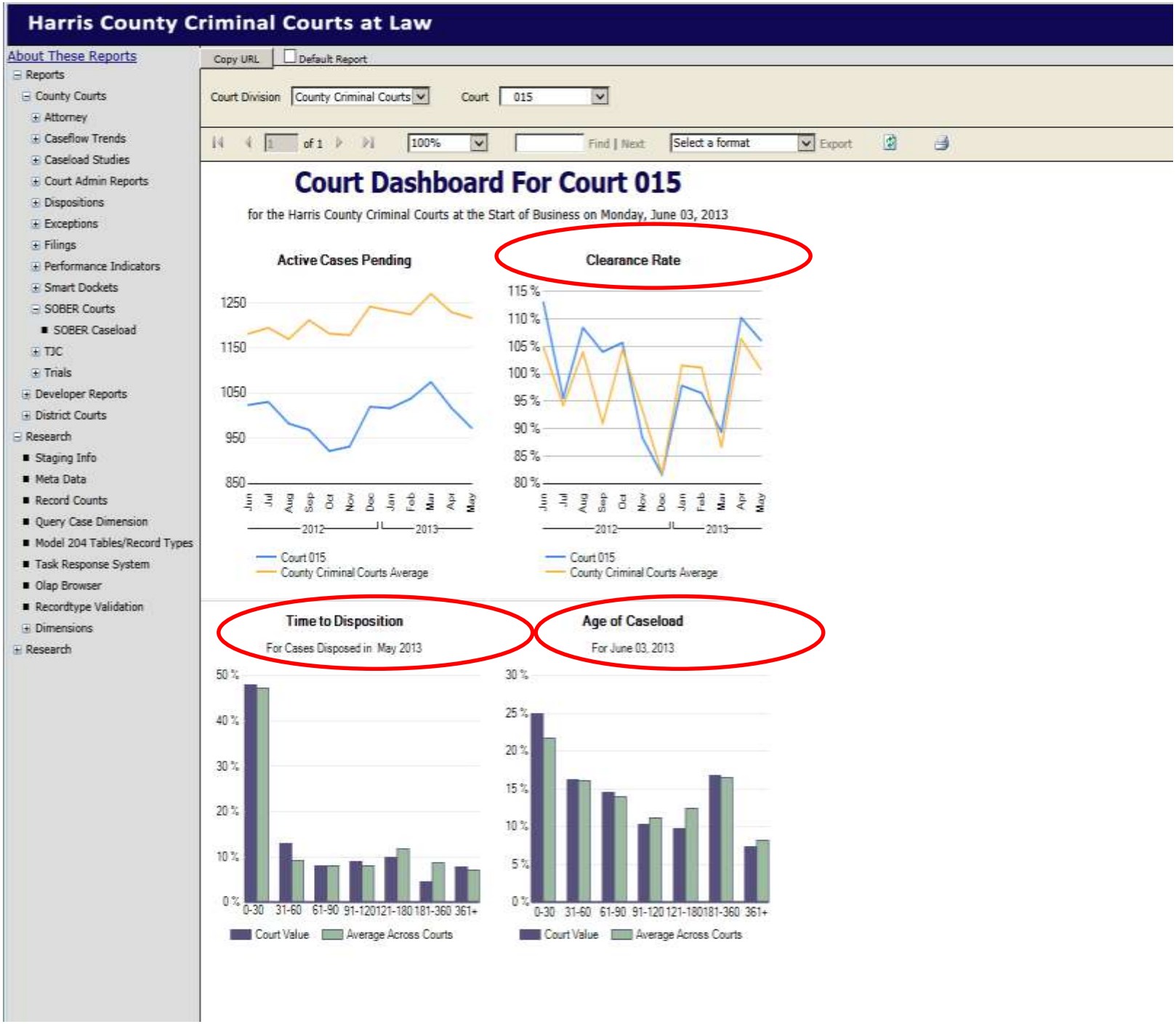
for cases disposed in the Harris County Criminal Courts for May, 2013





Court	New Filings	Other Filings	Total Incoming	Outgoing Cases	Clearance Rate
001	424	40	464	431	93 %
002	419	15	434	486	112 %
003	425	31	456	504	111 %
004	422	42	464	422	91 %
005	427	29	456	458	100 %
006	423	22	445	387	87 %
007	420	19	439	415	95 %
008	421	24	445	410	92 %
009	420	36	456	482	106 %
010	420	85	505	650	129 %
011	425	30	455	464	102 %
012	420	27	447	408	91 %
013	423	27	450	461	102 %
014	426	70	496	461	93 %

CourTools Measures: 2, 3 and 4



Harris County Criminal Courts - Docket and Caseload Exceptions

Today's Docket

Court	Cases	Jail Cases	No Attorney > 2 Settings	Active > 6 Settings	Active > 90 Days Old	Jail Cases > 2 Weeks Old	Jail Cases > 3 Settings	FELP	N
1	77	17	6	6	19	4	2	7	
2	85	13	9	11	32	4	2	13	
3	85	21	5	13	37	4	2	2	
4	89	16	4	14	34	4	2	8	
5	71	12	3	12	18	2	3	5	
6	92	17	1	15	38	2	2	5	
7	103	18	9	26	40	7	5	12	
8	86	25	9	17	18	8	8	7	
9	91	18	3	12	36	1	2	4	
10	86	27	11	22	38	10	8	7	
11	69	8	2	13	29	2	1	5	
12	80	15	7	16	42	6	2	5	
13	75	17	5	5	20	5	4	12	
14	78	23	8	7	25	8	9	3	
15	68	10	1	9	21	4	2	4	
Total	1,235	257	83	198	447	71	54	99	
Average	82								

Active Caseload

Court	Active Cases Pending	PTI and DIVERT Caseload	No Attorney > 2 Settings	Inactive with Jail Status	Cases With No Future Settings	Set More Than a Year Out	Active > 6 Settings	Active > 90 Days Old	Jail > 2 W
1	886	140	56	0	0	0	92	285	
2	1,540	70	60	0	1	0	260	850	
3	1,075	153	49	1	0	1	133	433	
4	1,167	125	63	2	0	0	298	537	
5	947	98	30	2	0	1	138	316	
6	1,262	132	71	2	0	0	265	603	
7	898	107	48	0	0	0	154	276	
8	1,067	123	25	0	0	0	165	425	
9	962	134	44	0	0	1	150	334	
10*	1,306	153	103	2	0	0	292	653	
11	919	114	66	0	2	0	165	324	
12	1,156	127	138	0	0	0	224	556	
13	995	129	38	0	1	1	127	369	
14	760	56	27	1	0	1	36	246	
15	800	103	17	1	0	0	117	239	
Total	15,740	1,764	835	11	4	5	2,616	6,446	5
Average	1,049		56				174	430	

* Court 10 has 39 Fugitive Cases

* Active > 6 Settings and Active > 90 Days Old do not I

Active Cases With No Future Settings

Court Division: County Criminal Courts

NAME	CASE NUMBER	DAYS OLD	NOS	STATUS	OFFENSE	FILING DATE	COURT	CST	DST
DOTSON, LEXUS	1881942	465 [466]	9	OTHER	THEFT - $50-$500	3/3/2013	2	A	N
ARTEAGA, HECTOR	1965450	9 [11]	3	JAIL	CRIMINAL TRESPASS	6/1/2014	11	A	J
DEAN, GARY KINGLEY	1816128	438 [817]	22	OTHER	DRIVING WHILE INTOXICATED	3/17/2012	11	A	P
EXPUNGED, RECORDS	1428567	62 [2706]	0	OTHER	EXPUNGED RECORD	1/14/2007	13	A	D

Printed 6/11/2014

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Justice of the Peace Courts

JCIS Central

How-To and Help
JCIS Manual
JCIS Help
JIS Manual

JP Court Reports
--> Choose a Link <--

JP Data Extracts
--> Choose a Link <--

JCIS Tables
--> Choose a Link <--

Changes/Updates
Queries

JCIS Central
County Courts Homepage
Office of Court Management
Harris County Homepage

Summary of Cases With Suspect Data
Judge

Date/Time Run: 08/10/2010 08:43AM

This query counts the number of cases that have suspect data, grouped by the type of suspect data discovered. The data for this query was collected on .

Click any column header to sort the table by that column.

Category	Error Type	Number of Cases
1	**Open Warrant Filing and Case is Disposed** Warrants are issued in JCIS by adding a filing to the case, which changes the status and sends the case to the Warrant Interface. When the warrant is recalled, executed, or returned, the filing should be completed to indicate the completion of the warrant. If this field is not updated, the Electronic Docket record will be incomplete.	57
2	**Open Warrant Filing and Case is Finalized** See description above.	2
3	**Case Has No Offense Date** All criminal cases should have an offense date. The cases in this category do not, most likely as a result of errors when creating automatic FTA/VPTA cases.	0
4	**Case Has an Invalid Party Name** Currently, this category only includes party names which are blank.	0
5	**Case Type and Case Number Do Not Match** The first two characters in the JCIS Case Number indicate the type of the case; however, the Case Type is also maintained in the Case File. If those two types disagree, cases will appear in this category. You will need to call the JCIS Support Team to have these cases corrected.	1
6	**Case Has Disbursements to Invalid Cost Codes** These cases have payments which were partially disbursed to invalid cost codes. Additionally, disbursments to the generic cost codes THWART and WARR are included. These cases most likely will prevent your court from balancing properly for the receipt date in question. Again, you will need to contact the JCIS Support Team to have these cases corrected.	0
7	**Alpha Characters in Defendant's DL Number** Though it is not an error to have an alpha character in a Driver's License number for out-of-state defendants, these problems are most likely caused by the addition of "ID" or "TID" to the Texas ID number for a Texas resident. Occasionally review these cases for errors.	0
8	**Open Disbursements to BOND (Non-Refunded Bonds)** These cases have money which was disbursed to BOND or DEP and never refunded or applied to fines and costs. The cases are finalized and disposed. This figure most likely represents cases on which the BOND or DEP needs to be refunded.	32
9	**Case Has No Person ID** All JCIS defendants (and civil plaintiffs) should have a PID. The number in this category represent cases that do not meet this standard.	12
	Disposed Guilty/Not Guilty/Dismissed and No Judgment Date	

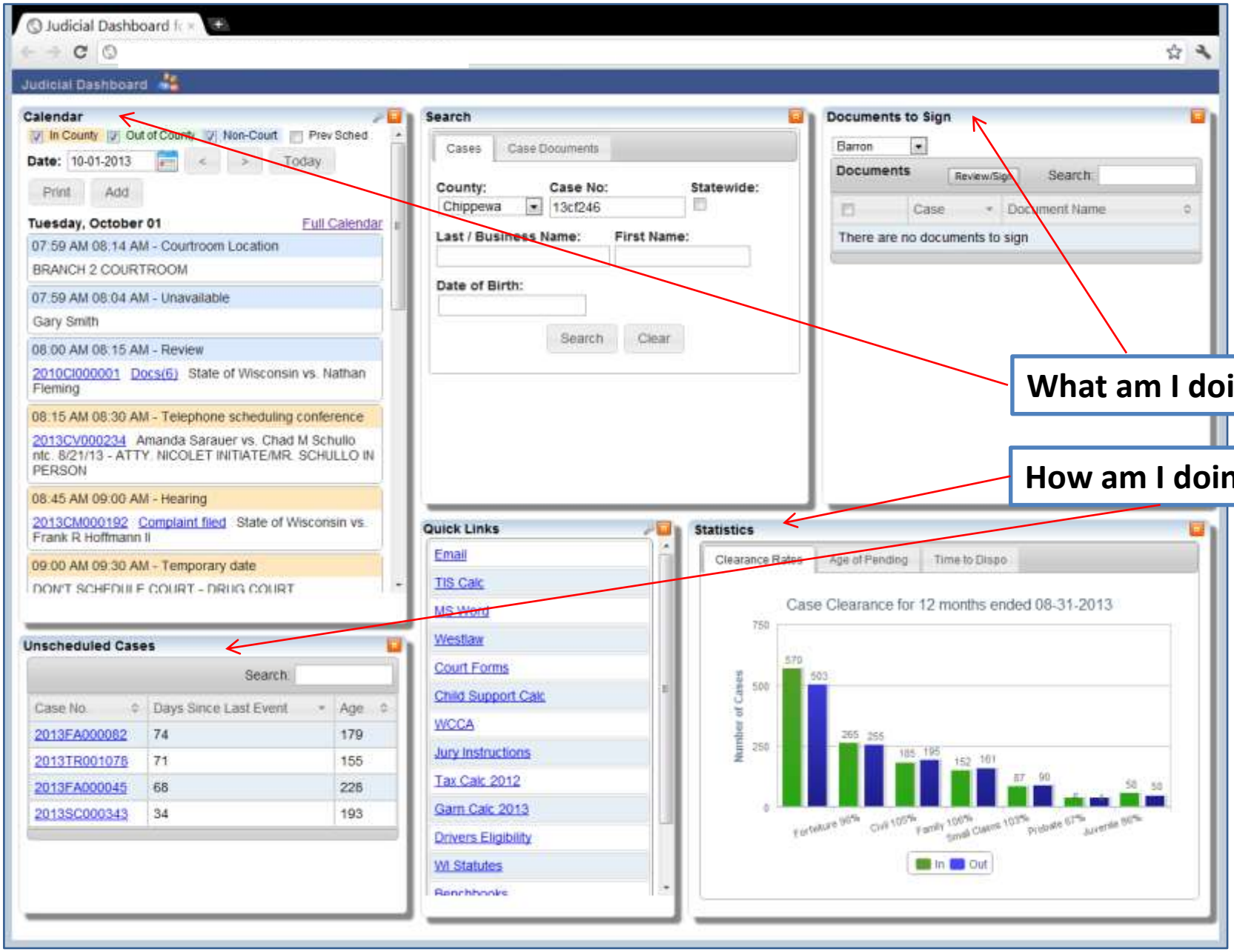
Sample screenshot from the JCIS data quality report (aka "the Suspect Data" report)

This is a summary report for judges. A corresponding report with drill-through to suspect cases is embedded in the CMS for clerical use.

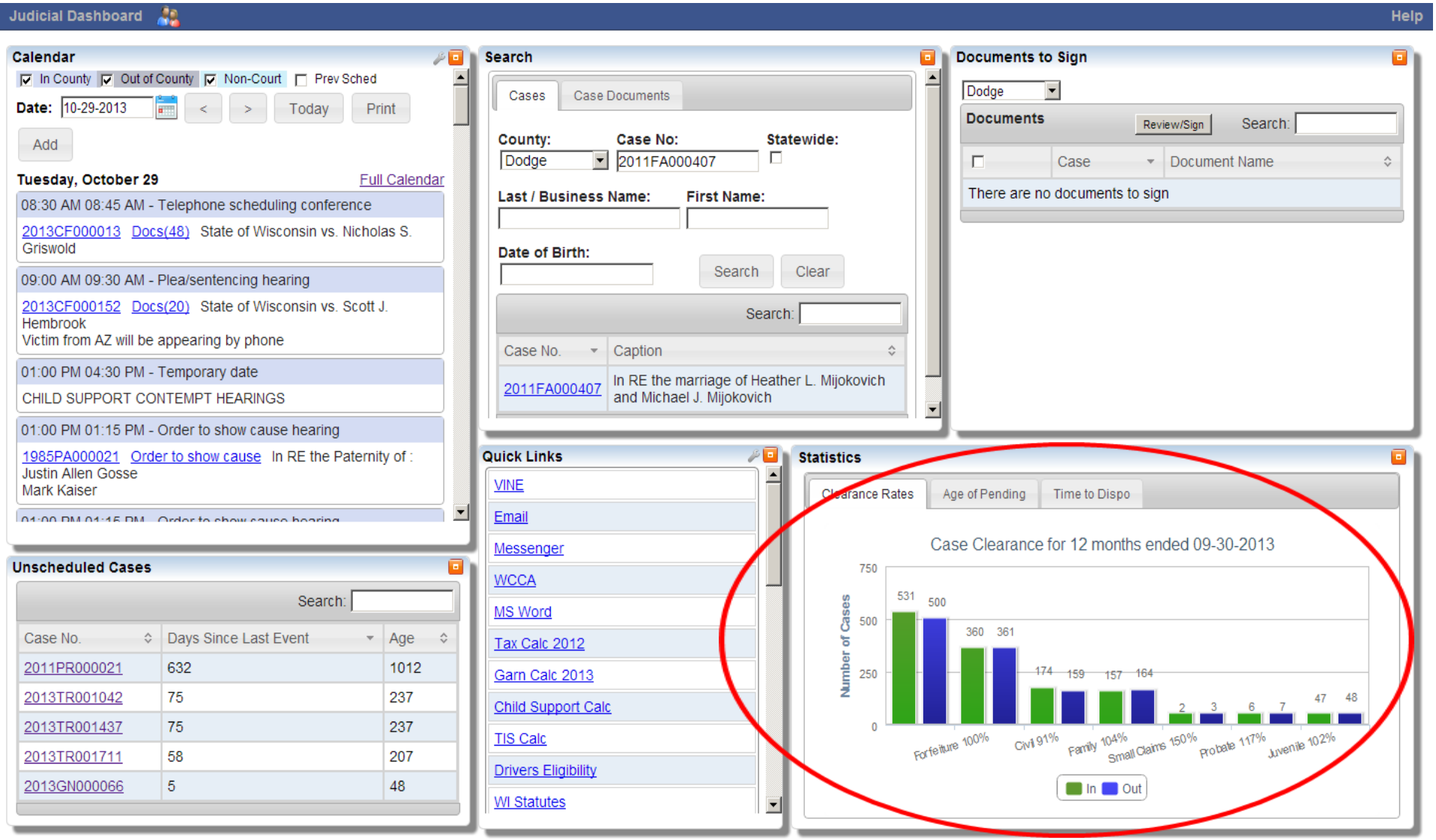
What Harris County Learned

- You can't manage a caseload until you can manage an individual case and clearly understand the caseflow process – from arrest or filing to case completion
- Achieving higher levels of performance begins with understanding and measuring your performance today
- Higher performance is achieved by creating a culture that embraces analytics
- Measure, Compare and Share for Continual Improvement
- Data Quality is the foundation upon which credibility is built

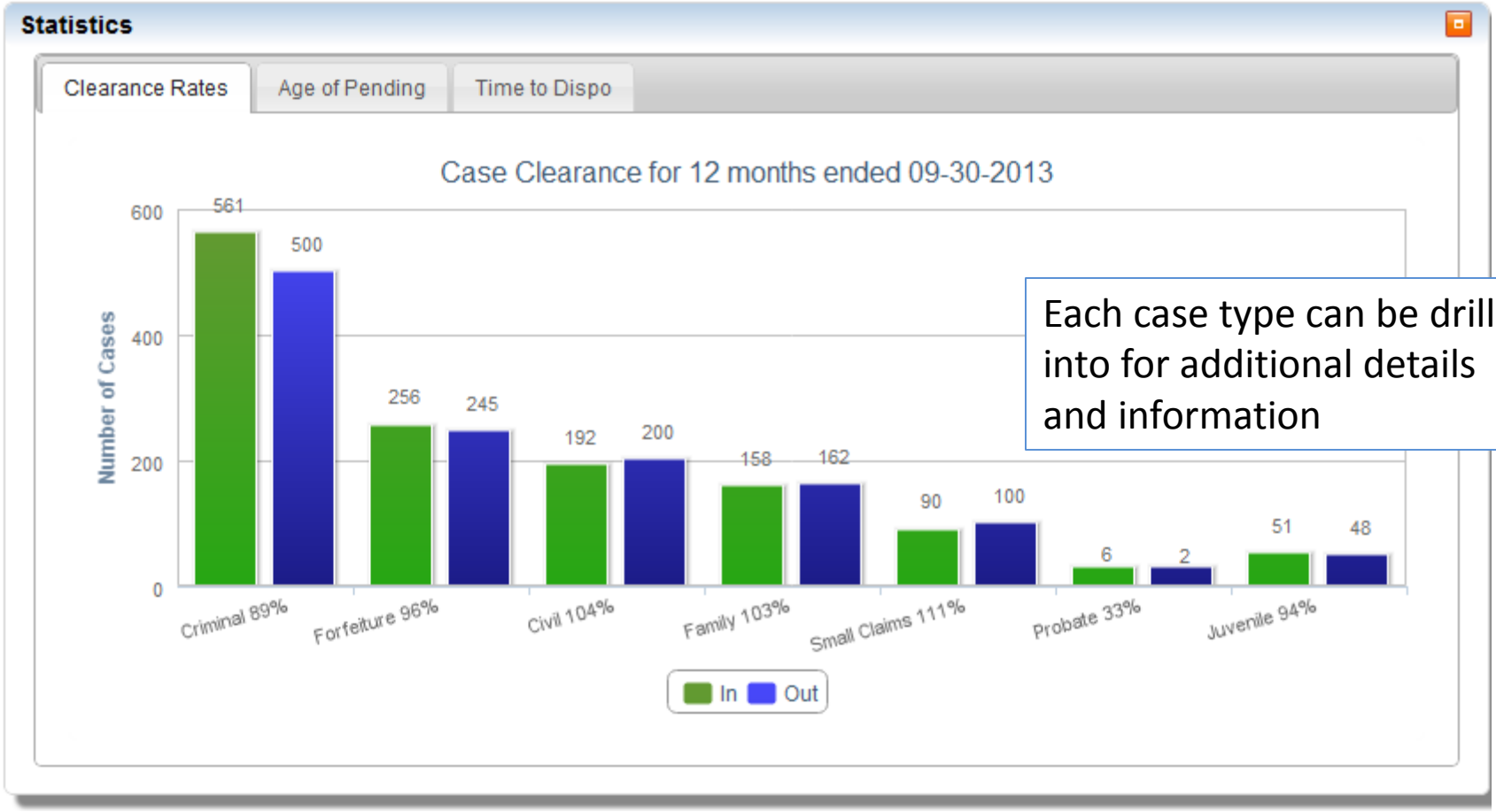
Judicial Dashboard



Docklet 6: Statistics

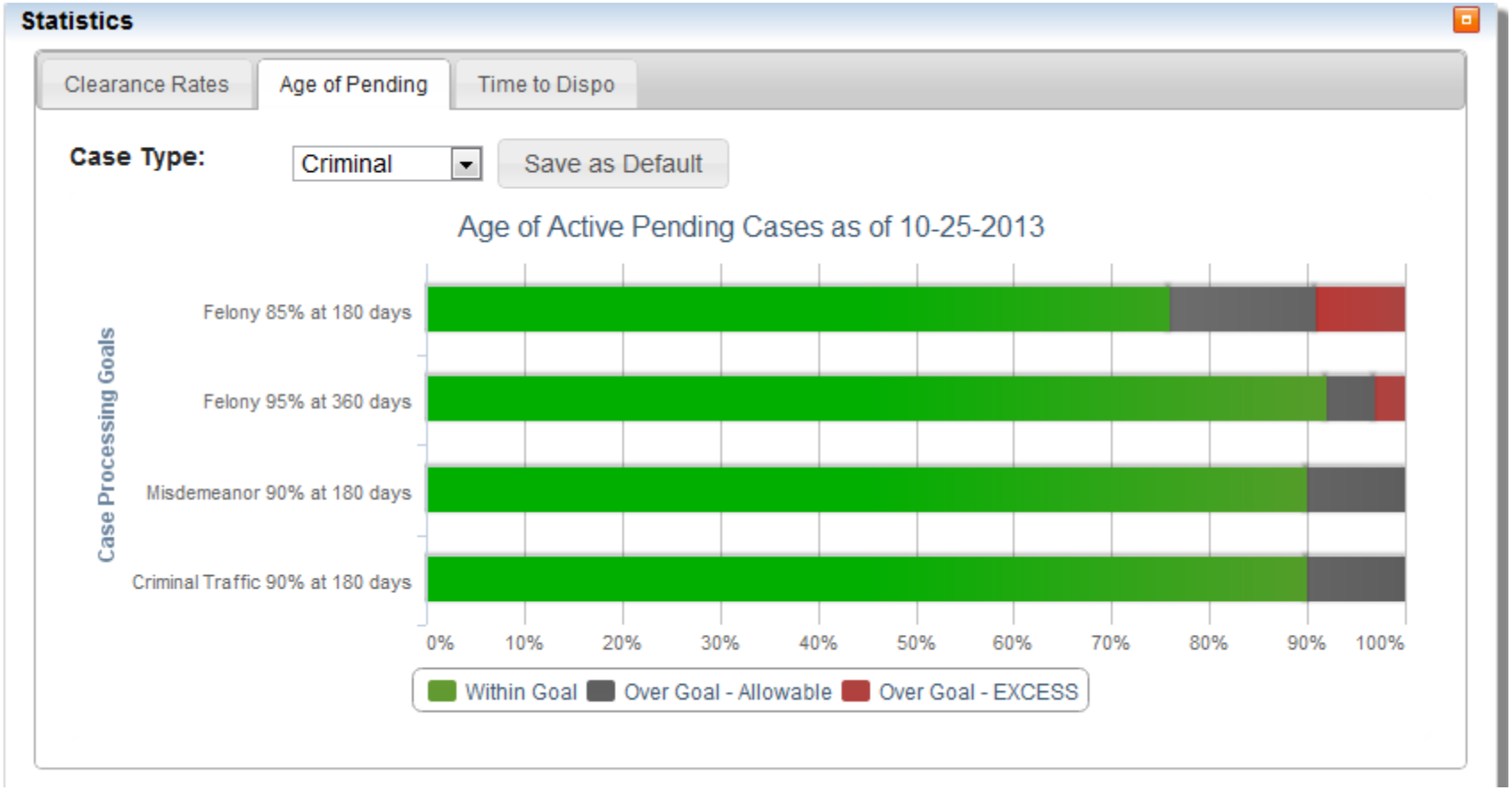


Clearance Rates



Each case type can be drilled into for additional details and information

Age of Pending



Felony Age of Pending

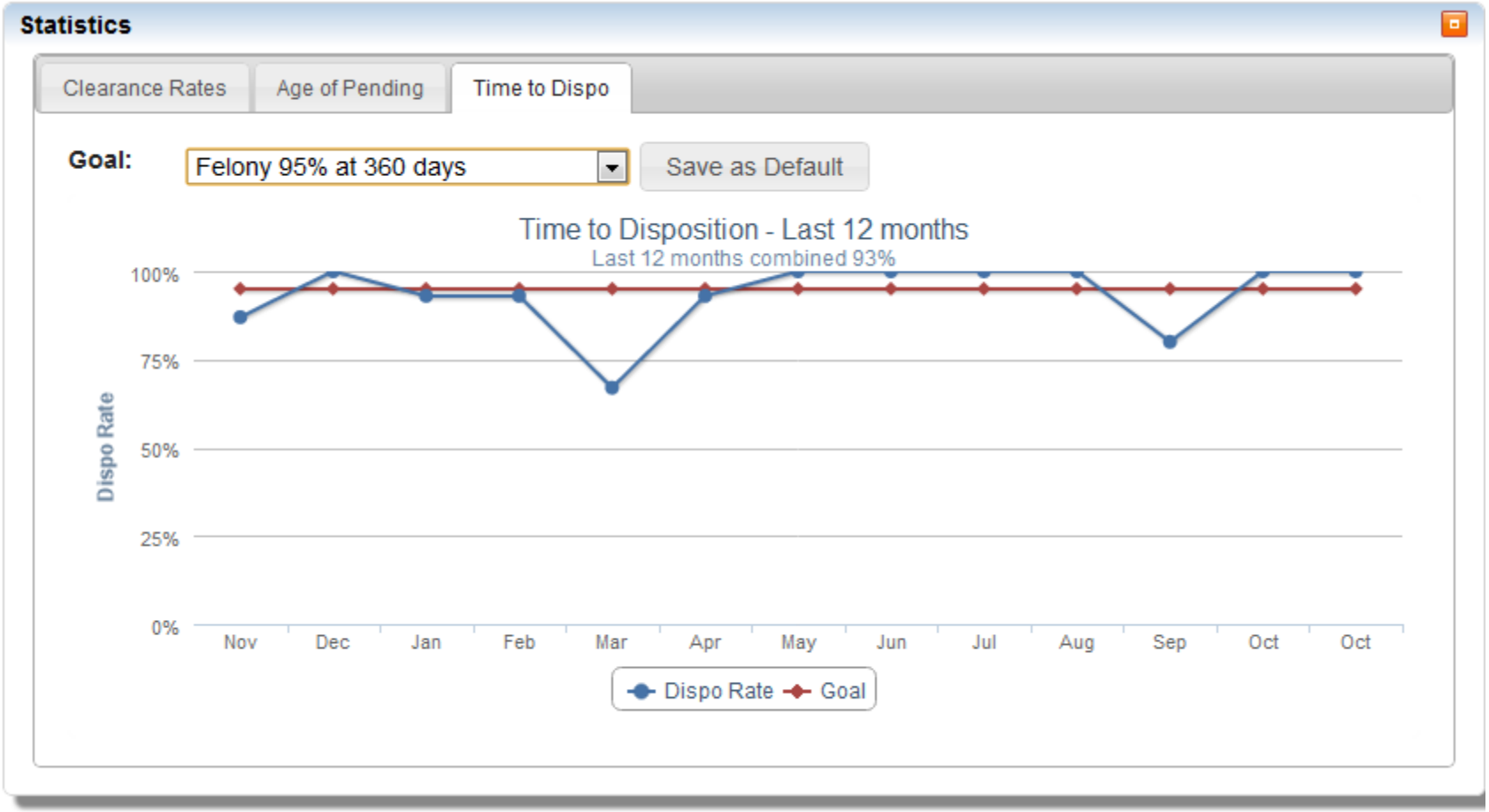
Judicial Dashboard | James C. Babler: Age

James C. Babler: Age of Pending Periods Felony 85% at 180 days | Help

Age	# Cases	% Pending	# Cumulative	% Cumulative
0-30	12	19%	12	19%
31-60	4	6%	16	25%
61-90	12	19%	28	44%
91-120	13	21%	41	65%
121-180	6	10%	47	75%
181-360	10	16%	57	91%
361-420	1	2%	58	93%
421-540	2	3%	60	96%
541-720	2	3%	62	99%
721+	0	0%	62	99%

Drill down to the cases

Time to Disposition



Can We Do Better ?

Predictive Analytics

Guardianship/Estate cases

GIS data

Court Services by Location

Customer Focused

My Court portal

Swipe card

“If you think going to the Moon is hard, try staying home.”

Barbara Cernan

Astrowife

Thank You

www.courtstatistics.org