

Travis County Civil and Family Court House

Judicial Forecast and Projections

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1.0 REVISION HISTORY

Date	Version	Description
09/24/2014	1.0	Initial Draft

2.0 DEFINITIONS AND WORK GLOSSARY

Term	Definition
CFCH	Civil and Family Court House
CPS	Child Protective Services
TC	Travis County

3.0 INTRODUCTION

The purpose of this analysis is to validate and refine the Travis County (TC) Civil and Family Court House (CFCH) Space Program projections of judicial officers to 2035, in light of the most recent historical data and trends. It should be noted that the projection of judicial officers resulting from this analysis is not an estimate of “need” but an estimate of how many judicial officers TC can reasonably expect to have based on recent past trends. Unexpected or unpredictable factors (natural disasters, general economic collapse, etc.) can reduce the reliability of the analysis.

This analysis is a “demand” analysis and is a recognized industry approach to both filings and judicial officer projections. Primarily, the analysis calculates the need for judicial officers based on historical trends in case filings. Case filings are a common and perhaps the most consistent indicator of demand for judicial system services. Filings, however, are not a complete picture of “workload”. Workload is a combination of basic demand (filings) plus other factors such as number and length of hearings/trials, number of litigants, and the nature of lawsuits (i.e., Capitol District cases¹, construction defect cases, etc.). These other workload factors typically have limited data and are inconsistent among jurisdictions and thus hard to evaluate or factor into the analysis, except on an anecdotal basis.

¹ Capitol District cases are lawsuits against the State/State Agencies which are required to be filed in TC.

4.0 NOTES

Table	Notes
1. TC Population Data	<ul style="list-style-type: none"> • Data received from client as official TC planning data. • Historical growth from 2004-2014 = 30% (+264,819). • Projected growth from 2014-2035 = 42% (+479,061). • The population projection data used is based on the State Demographers projections (Migration Scenario #1) and may not reflect actual population.
2. TC Civil Filings Growth 2004-2013	<ul style="list-style-type: none"> • District Civil, District Family, and County Court Civil filings are available from 2004 through 2013. • There is no reliable Child Protective Services (CPS) filing data prior to 2008. • Excluding the 2008 data year, the system has been drifting lower. • A more accurate assessment can be made based on the individual case type trends.
3. TC Civil Filings Growth – Base Data and Trends	<ul style="list-style-type: none"> • This table provides an analysis of several factors that are important in subsequent decisions about projection alternatives. <ul style="list-style-type: none"> ○ Individual case types as a ratio to population. ○ Individual case types as a percentage of the whole. ○ Extent of change in the historical time window both as a real number and as a percentage. ○ The correlation coefficient for each filing trend (the extent to which the change can be attributed to the population growth trend). ○ A summary of the key ratio to population data. • System trends (reflected in the “Total” column) are not reflected due to the lack of reliable comparable data in the CPS category.
4. District Civil Filings Analysis – Historical	<ul style="list-style-type: none"> • District Civil filings have declined in the historical period, losing about 25% (-2,028). • Tort reform (i.e., various legislative efforts to limit liability for damages, to impose mandatory arbitration for certain case types, etc.) is considered to be a significant factor in the slow decline of filings. • The ratio of District Civil filings to population has dropped 41%.
5. District Civil Filings Analysis – Projections	<ul style="list-style-type: none"> • The slow but steady decline of District Civil cases presents a projection problem. • It is not reasonable to expect that this declining trend will continue indefinitely. The issue is determining where it will bottom out or return to a static or growth profile. • It should be noticed that the decline in the last three (3) years has been very small, suggesting that the bottom of the decline may be near. • Projection alternatives 1 and 2 predict continuing decline to nearly zero or even negative values, which is not a realistic probability. • The existing and low ratio to population models offer a more realistic alternative based on the expectation that the bottom of the decline is near but fail to account for the historical trend of eroding ratio to population (indeed the previous analysis indicates that this caseload is not explained by population growth). • The average of models 1, 3, 4, and 5 blends the continuing decline with an expectation of renewed growth to produce a reasonable (at least in the long term) projection. The short-term values may be higher than reality but the increases over time are reasonable.

Table	Notes
6. District Family Filings Analysis – Historical	<ul style="list-style-type: none"> • Family Court filings have grown significantly in the historical time period. • Family Court filings have an increased percentage over the whole filing count. • The ratio to population has declined slightly. • The historical profile is a common pattern of sharp rises, followed by plateaus, followed by sharp rises. This pattern is expected to continue.
7. District Family Filings Analysis – Projections	<ul style="list-style-type: none"> • Throughout the historical period the ratio of filings to population has only varied marginally year to year. • The relative stability of the average ratio to population suggests that Model 5 is the most reasonable. • The model also accounts for the increasing proportion of Family cases to the whole.
8. County Civil Filings Analysis – Historical	<ul style="list-style-type: none"> • County Civil filings spiked sharply in the mid-1980s probably as a result of the economic recession and a rise in collection cases. • Since that time caseload has declined but by 2013 still shows a small increase over its 2004 value. • The ratio to population, however, has declined.
9. County Civil Filings Analysis – Projections	<ul style="list-style-type: none"> • This case type is typically volatile. This means that it fluctuates significantly as economic conditions change. This volatility can be seen even in the limited historical data utilized in this analysis. • For this reason, straight line projection models (particularly those based on such a short term of data) are not likely to pick up the potential extent of long term growth. • The low ratio to population model (4) predicts a set of steadily increasing values that may better reflect the anticipated surges and declines of the case type activity.
10. CPS Filings Analysis – Historical	<ul style="list-style-type: none"> • CPS filing data prior to 2008 is not considered to be reliable, however, in the 2008 – 2013 time period CPS filings have shown the strongest growth among the Civil Court case types. • Total cases have risen from 359 in 2008 to 564 in 2013 (57% in 5 years). • The sharp increase is reported (by the court) to be the result of an increase in the number of children born into poverty and to unmarried and financially limited couples.
11. CPS Filings Analysis – Projections	<ul style="list-style-type: none"> • Some moderation of this recent rapid trend is expected (based on the minor downturn of the 2013 data) but strong growth is still projected overall. • The models based on the real number change (1) and the linear regression model (2) offer high range projection tracks that may well become a reality. • Earlier analysis showed that the correlation coefficient for this case type was .93 indicating a strong relationship to population. • The high ratio to population model anticipates some stabilization of the rate (as in the last two years of the historical data). • The combination of Models 1, 2 and 6 produces a blended picture of future growth and balances the recent surge against a more population based model in keeping with the correlation coefficient.

Table	Notes
12. TC Combined Civil Filings Growth 2004-2035	<ul style="list-style-type: none"> • This table aggregates the projections from the individual case type analyses. • The total indicates that TC can expect its Civil filings to grow from 31,851 (2013) to 47,781 (2035). This increase of 15,915 cases reflects a 50% overall increase over the 22 year time period. • This represents an acceleration of recent trends but is reasonable in light of the exceptional scale of underlying population growth and the dynamics of specific case types. • District Civil is expected to continue its slow decline relative to the overall filing demand over the next 20 years while Family and CPS increase their percentages and County Civil remains essentially constant as a percentage of the whole.
13. TC Civil Judicial Officer Analysis 2004-2013	<ul style="list-style-type: none"> • Judicial Officers is a category that includes both elected Judges and appointed Associate Judges. • District Judicial Officers include District Court Civil Judges and Civil Associate Judges. • County Court Judicial Officers includes County Court at Law Civil Judges. • District Court Judicial Officers have risen from 12 in 2004 to 13 in 2013 (it should be noted that the 13th position, an Associate Judge, is borrowed from the Juvenile Division). • County Court Judicial Officers have been constant at two (2) for the entire historical period.
14. District Court Judicial Officer Analysis	<ul style="list-style-type: none"> • Six projection models were studied. • Model 1 is a projection based on the actual acquisition rate of the historical period. • Model 2 is a regression analysis of judicial officers against population. The results are similar if the analysis is run against filings. • Filings/Judicial Officer (Model 3), is a very common approach to projecting judicial officers. The model does not suggest that every officer handles that number of cases but that if total filings were divided equally among all judicial officers then this number would result. This value is then divided into the caseload projections to produce an estimate of the number of judicial officers needed based on that average. • The "Existing Filings/Judicial Officer" is the lowest ratio in the historical data set and that ratio produces the highest projection of judicial officers. • Two other values have been calculated based on strong local data. These are Hours/Judicial Officer (how much time they can actually devote to case processing) and Total Available Hours which is the product of the Hours/Judicial Officer times the number of Judicial Officers.

Table	Notes
14. District Court Judicial Officer Analysis (Continued)	<ul style="list-style-type: none"> • Because the District Court overall appears to be current (yearly disposition rate near, at or over 100%), these hours can be assumed to be sufficient for the caseload and use against future caseloads to produce a judicial officer projection. <u>It should be noted that time/case is gradually increasing.</u> This may be a hint at increasing complexity when taken in conjunction with reported increases in the length of jury trials, increasing numbers of hearings/case, additional time requested by attorneys in civil cases, and specific characteristics of the caseload (Capitol District, high rate of unrepresented litigants, construction defect, etc.) • Because the time/case is increasing, a trend model based on that increase (average yearly real number increase since 2008) has been provided and shows the impact in future years. • An Average Population/Judicial Officer model has been developed. • The average of the working models 4, 5, and 6 represents the best estimate of District Court Judicial Officers to 2035. • The distribution of District Judges and Associate Judges has been based on the existing ratio.
15. County Court Judicial Officer Analysis	<ul style="list-style-type: none"> • The acquisition rate and linear regression models cannot be used for this projection as there is no historical change to calculate a trend line. • All of the remaining models produce essentially the same results. • The average of Models 3, 4, and 5 are the best projection of County Court Civil Judicial Officers to 2035 in the absence of any other considerations. • Recent data developed by the court suggests that there is a dramatic increase taking place in the number of jury trials being requested and more importantly, actually taking place. • Increased jury trials have the effect of reducing the court's disposition rate/judge and contributing to the development of backlog. • To counter this trend, a jury trial multiplier has been applied to represent the increased judicial officer count needed to offset the impact of the higher numbers of jury trials. • The multiplier raises the projection of County Civil Judges in the short term from two (2) to three (3) and in the long-term from three (3) to four (4).
16. TC Civil Judicial Officers ² – 2004-2035	<ul style="list-style-type: none"> • Based on our analysis of population, filings, and judicial officer growth trends over the last 10 years, we believe that TC can reasonably expect to have 25 Civil Court Judicial Officers. • Of these, 21 are District Court and four (4) are County Court.

² For purposes of the Space Program, there are other judicial officers for whom litigation space will be needed in addition to the judicial officers listed above. These include at least one (1) visiting judge, Title IV-D Agency (IV-D) Hearing Officers/Judges, and Probate Judges and Associate Judges. These are picked up in the program documentation.

5.0 CONCLUSION

It should be noted that although case types need to be assessed separately in the demand analysis, consideration must also be given to the efficiency of the centralized docketing system used in TC when determining the appropriate number of judicial officers for the Civil and Family Courts.

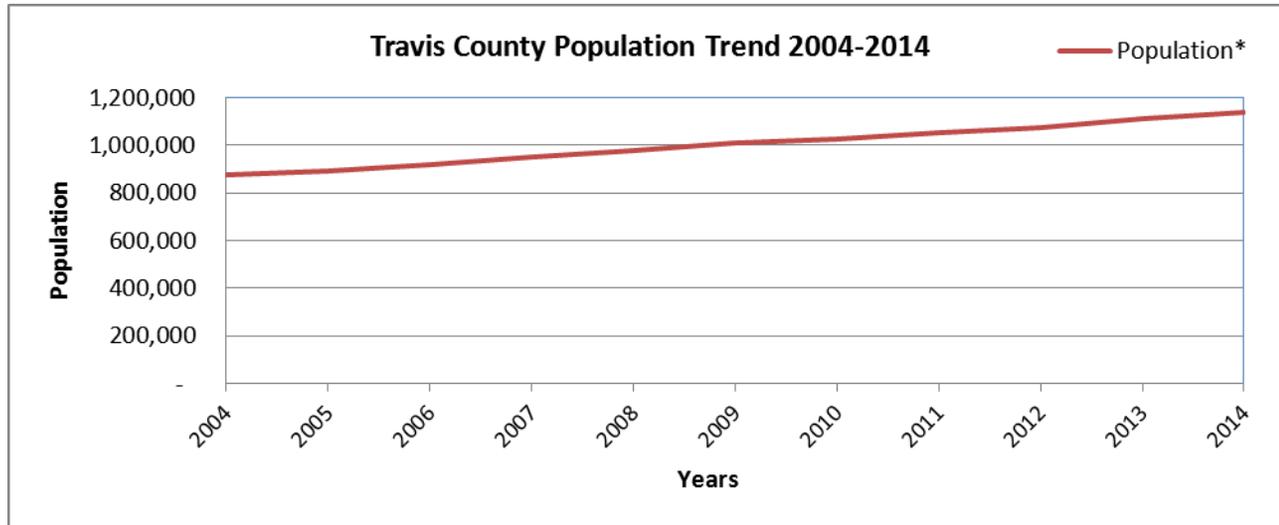
The efficiency of the centralized docket also extends across the jurisdictional relationships between District and County Courts-at-Law. If there are short-term periods of peaks in the County Courts-at-Law trial schedules the District Courts can cover some trials, depending on judicial officer availability, resulting in greater efficiencies in the movement of cases through the system.

Evaluating the final projections by case type as an overall system, allows the flexibility for judicial discretion for the type of officer (District Judge, Associate Judge, County Court-at-Law judge) at the time of the request for new judicial officers. This provides flexibility for the system to respond to changes in legislation, population trends etc.

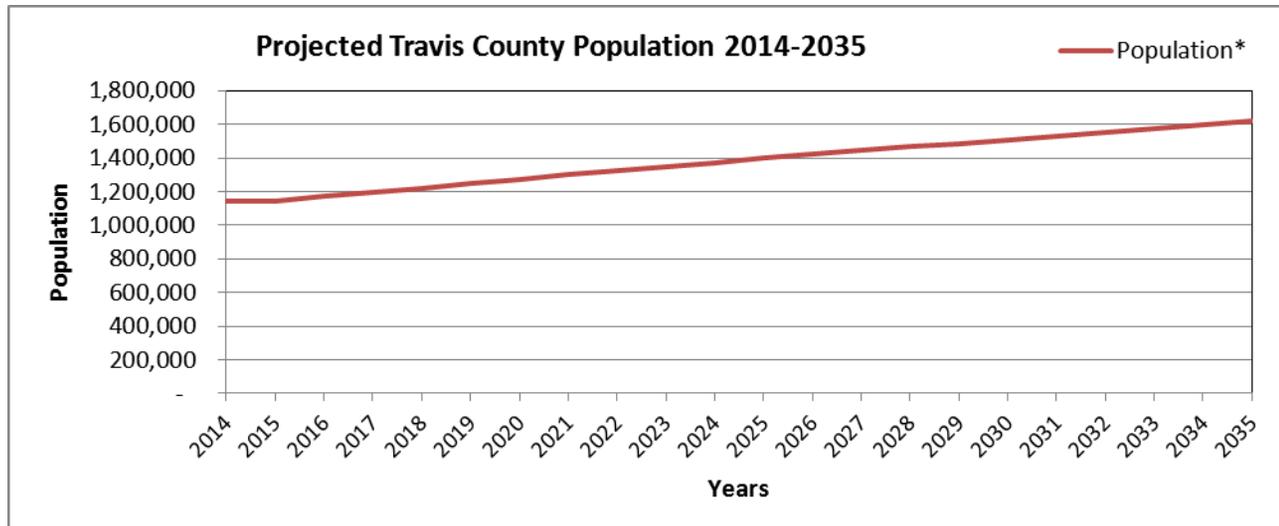
TABLES

Table 1 – Travis County Population Data

Year	Population*
2004	874,065
2005	893,295
2006	920,544
2007	948,160
2008	978,976
2009	1,008,345
2010	1,024,266
2011	1,049,873
2012	1,076,119
2013	1,108,403
2014	1,138,884
2015	1,144,419
2016	1,169,806
2017	1,195,520
2018	1,221,466
2019	1,247,288
2020	1,273,260
2021	1,298,639
2022	1,323,711
2023	1,348,433
2024	1,372,646
2025	1,396,384
2026	1,419,477
2027	1,442,342
2028	1,464,643
2029	1,486,846
2030	1,508,642
2031	1,530,316
2032	1,552,161
2033	1,573,876
2034	1,595,709
2035	1,617,945



Growth 2004-2014	
Real #	%
264,819	30%



Growth 2014-2035	
Real #	%
479,061	42%

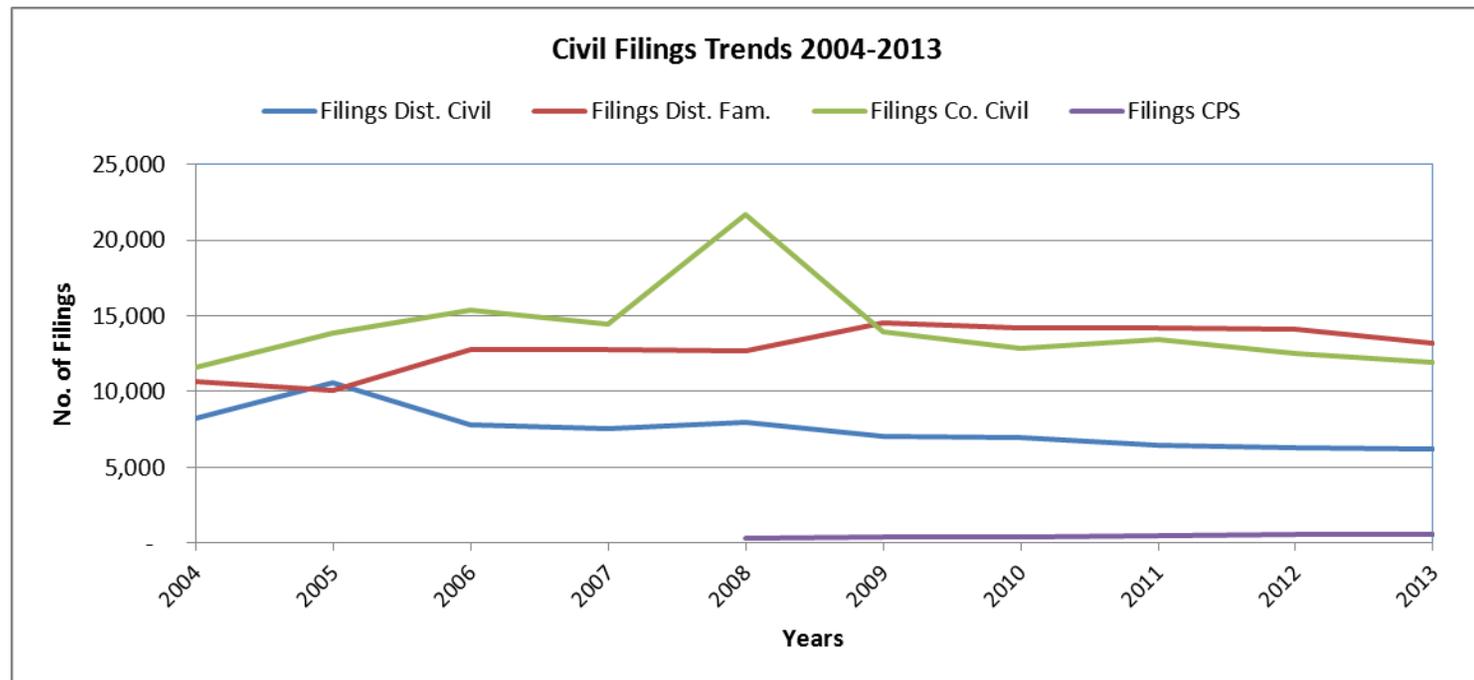
*Source: Official Travis County Planning Data – State Demographer Scenario #1

Table 2 – Travis County Civil Filings Growth 2004 – 2013

Population		Filings					Analysis
Year	Population	Dist. Civil	Dist. Fam.	Co. Civil	CPS	Total	F/1000 Pop.
2004	874,065	8,251	10,630	11,592			-
2005	893,296	10,598	10,041	13,900			-
2006	920,544	7,847	12,793	15,345			-
2007	948,160	7,559	12,777	14,441			-
2008	978,976	8,013	12,645	21,668	359	42,685	43.60
2009	1,008,345	7,080	14,546	13,932	376	35,934	35.64
2010	1,024,266	6,944	14,172	12,846	440	34,402	33.59
2011	1,049,873	6,434	14,195	13,466	499	34,594	32.95
2012	1,076,119	6,293	14,145	12,479	598	33,515	31.14
2013	1,108,403	6,223	13,168	11,911	564	31,866	28.75
2014	1,138,884					-	

Analysis 2004-2013 (for CPS 2008-2013)				
	Dist. Civil	Dist. Fam.	Co. Civil	CPS
# growth	(2,028)	2,538	319	205
% growth	-25%	24%	3%	57%
Avg #/yr	(225.33)	282.00	35.44	41.00

2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
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2028
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2034
2035



*Note: Reliable filing data for CPS cases is not available prior to 2008.

Table 3 – Travis County Civil Filings Growth Base Data and Trends

Population		Historical Filings													
Year	Population	Dist. Civil	F/1000 pop	% of Tot	Dist. Fam.	F/1000 pop	% of Tot	Co. Civil	F/1000 pop	% of Tot	CPS	F/1000 pop	% of Tot	Total	F/1000 Pop.
2004	874,065	8,251	9.44		10,630	12.16		11,592	13.26			-			-
2005	893,295	10,598	11.86		10,041	11.24		13,900	15.56			-			-
2006	920,544	7,847	8.52		12,793	13.90		15,345	16.67			-			-
2007	948,160	7,559	7.97		12,777	13.48		14,441	15.23			-			-
2008	978,976	8,013	8.19	19%	12,645	12.92	30%	21,668	22.13	51%	359	0.37	0.8%	42,685	43.60
2009	1,008,345	7,080	7.02	20%	14,546	14.43	40%	13,932	13.82	39%	376	0.37	1.0%	35,934	35.64
2010	1,024,266	6,944	6.78	20%	14,172	13.84	41%	12,846	12.54	37%	440	0.43	1.3%	34,402	33.59
2011	1,049,873	6,434	6.13	19%	14,195	13.52	41%	13,466	12.83	39%	499	0.48	1.4%	34,594	32.95
2012	1,076,119	6,293	5.85	19%	14,145	13.14	42%	12,479	11.60	37%	598	0.56	1.8%	33,515	31.14
2013	1,108,403	6,223	5.61	20%	13,168	11.88	41%	11,911	10.75	37%	564	0.51	1.8%	31,866	28.75
2014	1,138,884													-	

Filings Analysis				
	Dist. Civil	Dist. Fam.	Co. Civil	CPS
Real # chg	(2,028)	2,538	319	205
% chg	-25%	24%	3%	57%
Corr.Coef	(0.83)	0.78	(0.17)	0.93

Ratios to Population				
	Dist. Civil F/1000 pop	Dist. Fam. F/1000 pop	Co. Civil F/1000 pop	CPS F/1000 pop
Existing	5.61	11.88	10.75	0.51
High	11.86	14.43	22.13	0.56
Avg	7.74	13.05	14.44	0.45
Low	5.61	11.24	10.75	0.37

Note: Reliable filing data for CPS cases is not available prior to 2008.

Table 4 – District Civil Filings Analysis - Historical

	Historical Data											Analysis	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	# chg	% chg
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884		
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88		
Filings	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223		(2028)	-25%
Filings/1000	9.44	11.86	8.52	7.97	8.19	7.02	6.78	6.13	5.85	5.61	-	-3.83	-41%

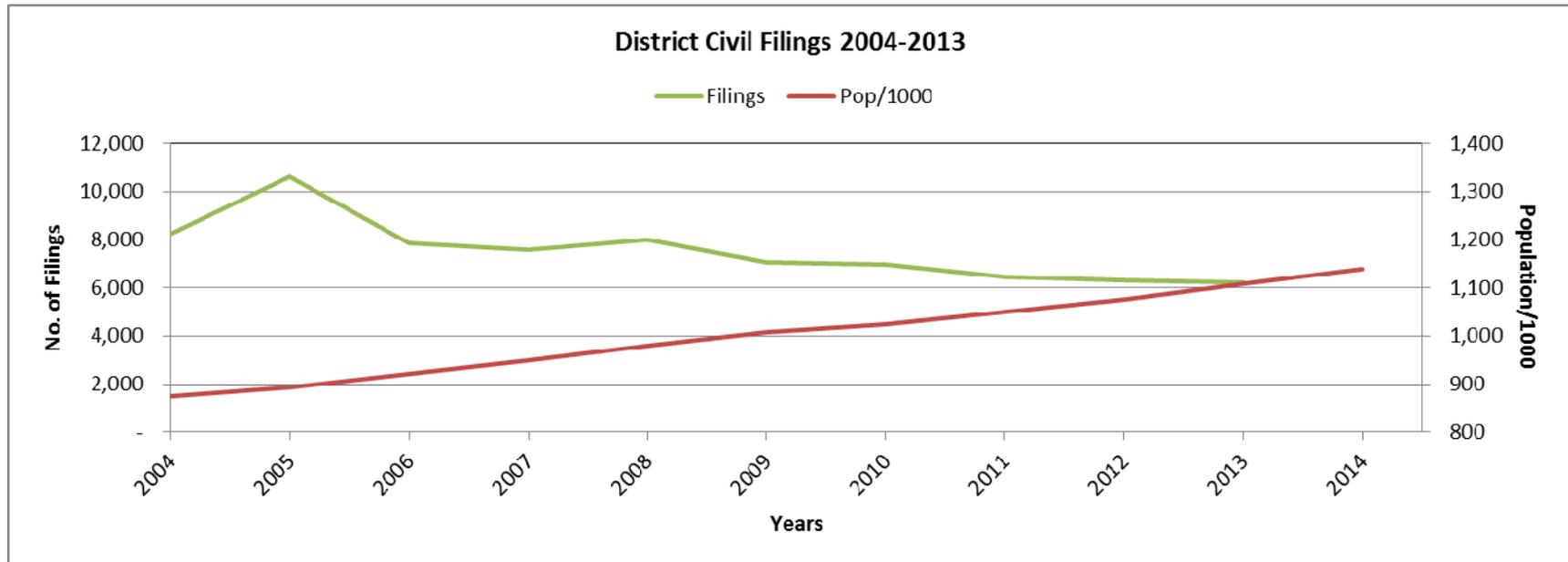


Table 5 – District Civil Filings Analysis – Projection

	Historical Data										Projections					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884	1,144,419	1,273,260	1,396,384	1,508,642	1,617,945
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88	1,144.42	1,273.26	1,396.38	1,508.64	1,617.95
Filings	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223			Ratios to Population			
													Existing	Low	Average	High
Filings/1000	9.44	11.86	8.52	7.97	8.19	7.02	6.78	6.13	5.85	5.61	-		5.61	5.61	7.74	11.86

Methodologies	Historical District Civil Filing Data										Projection Alternatives					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
1. Real # Chg	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	5,998	5,772	4,646	3,519	2,392	1,266
2. Linear Reg	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	5,468	5,217	3,969	2,394	915	(354)
3. Ext R/1000pop	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	6,394	6,425	7,149	7,840	8,470	9,084
4.Low R/1000 pop	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	6,394	6,425	7,149	7,840	8,470	9,084
5. Avg R/1000 pop	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	8,812	8,855	9,852	10,805	11,673	12,519
6. High R/1000 pop	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	13,512	13,577	15,106	16,567	17,898	19,195
7. Avg 1-6	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	7,763	7,712	7,978	8,161	8,303	8,466
8. Select Avg Model 1,3, 4, 5	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	6,900	6,869	7,199	7,501	7,751	7,988

Historical Growth 2004-2013		
#	Avg #/yr	%
(2,028)	(225)	-25%

Projected Growth 2013-2035		
#	Avg #/yr	%
1,765	80	28%

Table 6 – District Family Filings Analysis – Historical

Historical Data												Analysis	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	# chg	% chg
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884		
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88		
Filings	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168		2538	24%
Filings/1000	12.16	11.24	13.90	13.48	12.92	14.43	13.84	13.52	13.14	11.88	-	(0.28)	-2%

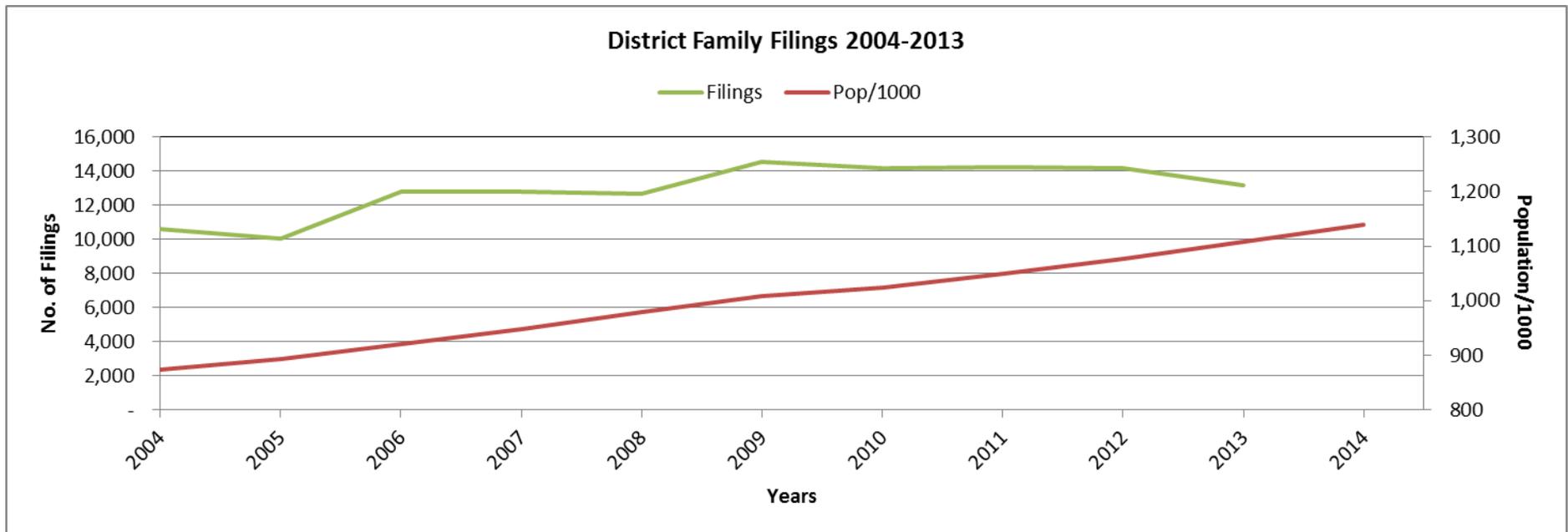


Table 7 – District Family Filings Analysis – Projections

	Historical Data										Projections					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884	1,144,419	1,273,260	1,396,384	1,508,642	1,617,945
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88	1,144.42	1,273.26	1,396.38	1,508.64	1,617.95
Filings	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168			Ratios to Population			
													Existing	Low	Average	High
Filings/1000	12.16	11.24	13.90	13.48	12.92	14.43	13.84	13.52	13.14	11.88	-		11.88	11.24	13.05	14.43

Methodologies	Historical District Family Filing Data										Projection Alternatives					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
1. Real # Chg	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	13,450	13,732	15,142	16,552	17,962	19,372
2. Linear Reg	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	15,187	15,153	16,052	17,211	18,179	18,997
3. Ext R/1000 pop	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	13,530	13,596	15,127	16,589	17,923	19,221
4.Low R/1000 pop	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	12,802	12,864	14,312	15,696	16,958	18,186
5. Avg R/1000 pop	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	14,862	14,934	16,616	18,223	19,688	21,114
6. High R/1000 pop	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	16,429	16,509	18,368	20,144	21,763	23,340
7. Avg 1-.6	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	14,377	14,465	15,936	17,402	18,745	20,038
8. Select Model 5	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	14,862	14,934	16,616	18,223	19,688	21,114

Historical Growth 2004-2013		
#	Avg #/yr	%
2,538	282	24%

Projected Growth 2013-2035		
#	Avg #/yr	%
7,946	361	60%

Table 8 – County Civil Filings Analysis – Historical

	Historical Data											Analysis	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	# chg	% chg
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884		
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88		
Filings	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911		319	3%
Filings/1000	13.26	15.56	16.67	15.23	22.13	13.82	12.54	12.83	11.60	10.75	-	(2.52)	-19%

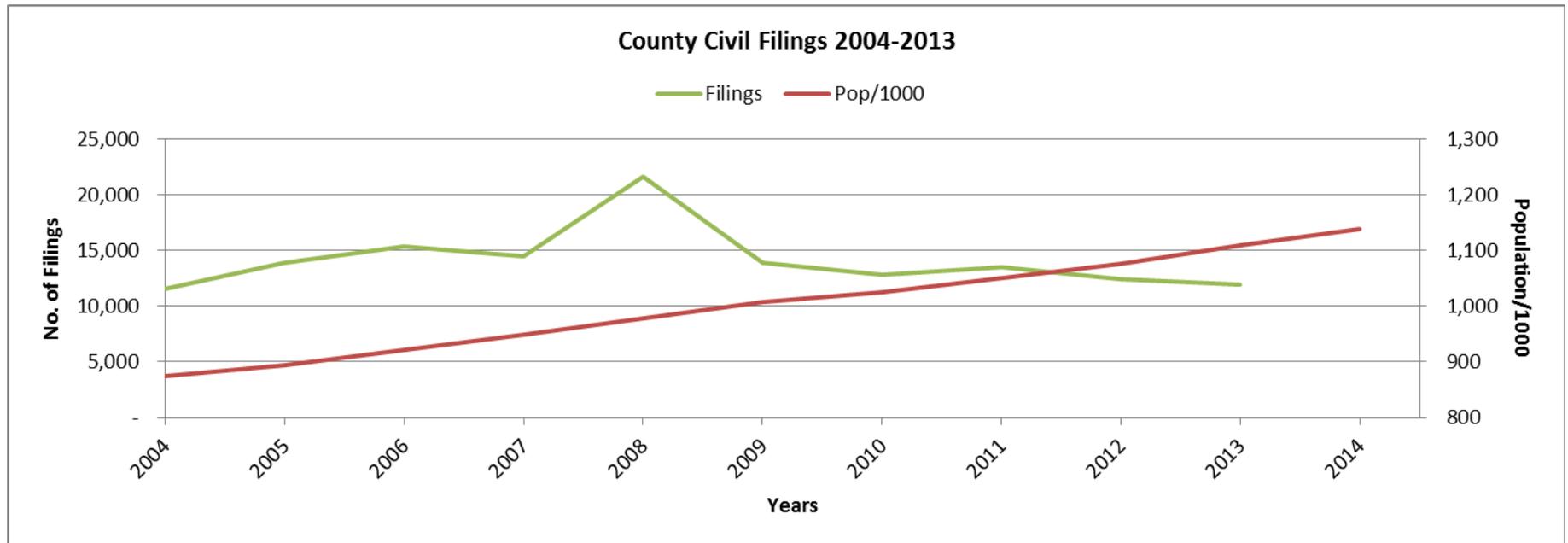


Table 9 – County Civil Filings Analysis – Projections

	Historical Data										Projections					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884	1,144,419	1,273,260	1,396,384	1,508,642	1,617,945
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88	1,144.42	1,273.26	1,396.38	1,508.64	1,617.95
Filings	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911			Ratios to Population			
													Existing	Low	Average	High
Filings/1000	13.26	15.56	16.67	15.23	22.13	13.82	12.54	12.83	11.60	10.75	-		10.75	10.75	14.44	22.13

Methodologies	Historical County Civil Filing Data										Projection Alternatives					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
1. Real # Chg	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	11,946	11,982	12,159	12,336	12,514	12,691
2. Linear Reg	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	13,200	12,471	9,500	6,420	3,227	1,847
3. Ext R/1000 pop	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	12,239	12,298	13,683	15,006	16,212	17,387
4. Low R/1000 pop	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	12,239	12,298	13,683	15,006	16,212	17,387
5. Avg R/1000 pop	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	16,444	16,523	18,384	20,161	21,782	23,360
6. High R/1000 pop	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	25,207	25,330	28,181	30,907	33,391	35,811
7. Avg 1-6	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	15,212	15,150	15,932	16,639	17,223	18,080
8. Select Model 4	11,592	13,900	15,345	14,441	21,668	13,932	12,846	13,466	12,479	11,911	12,239	12,298	13,683	15,006	16,212	17,387

Historical Growth 2004-2013		
#	Avg #/yr	%
319	35	3%

Projected Growth 2013-2035		
#	Avg #/yr	%
5,476	249	46%

Table 10 – CPS Filings Analysis – Historical 2008 – 2013

Historical Data												Analysis	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	# chg	% chg
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884		
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88		
Filings					359	376	440	499	598	564		205	57%
Filings/1000	-	-	-	-	0.37	0.37	0.43	0.48	0.56	0.51	-	0.14	39%

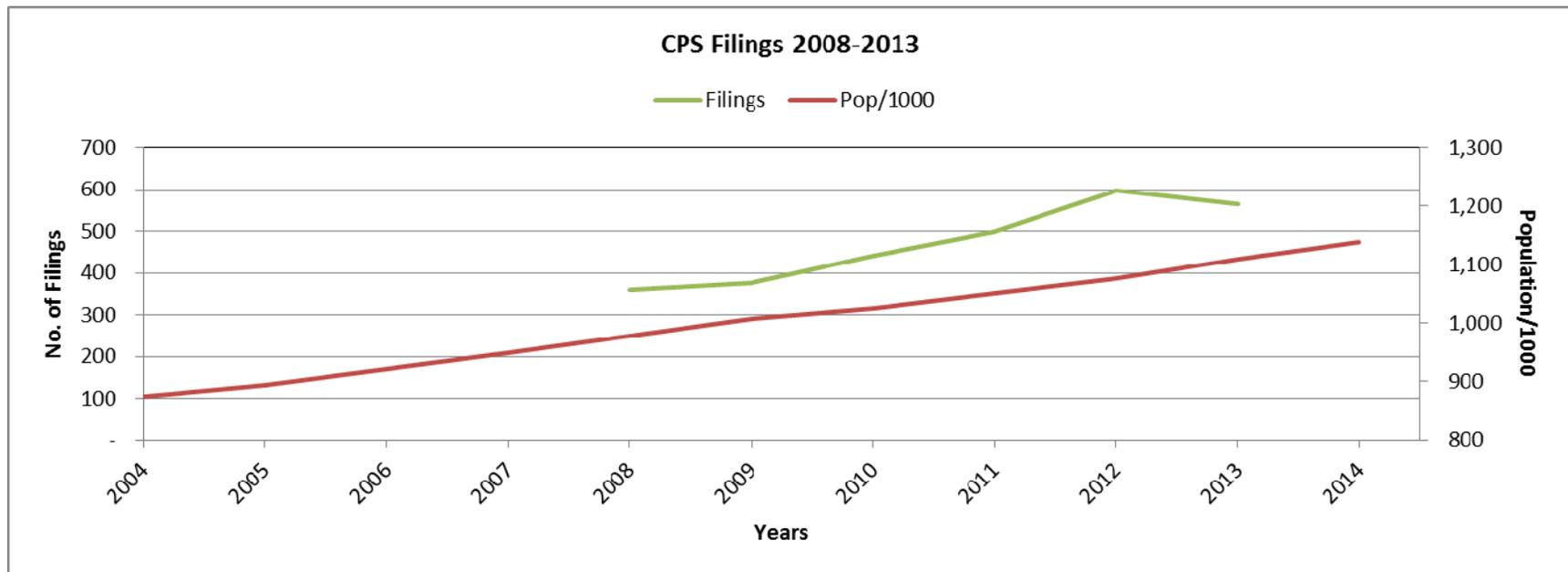


Table 11 – CPS Filings Analysis – Projections

	Historical Data										Projections					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
Pop	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884	1,144,419	1,273,260	1,396,384	1,508,642	1,617,945
Pop/1000	874.07	893.30	920.54	948.16	978.98	1,008.35	1,024.27	1,049.87	1,076.12	1,108.40	1,138.88	1,144.42	1,273.26	1,396.38	1,508.64	1,617.95
Filings					359	376	440	499	598	564			Ratios to Population			
													Existing	Low	Average	High
Filings/1000	-	-	-	-	0.37	0.37	0.43	0.48	0.56	0.51	-	-	0.51	0.37	0.45	0.56

Methodologies	Historical County Civil Filing Data										Projection Alternatives					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
1. Real # Chg					359	376	440	499	598	564	605	646	851	1,056	1,261	1,466
2. Linear Reg					359	376	440	499	598	564	664	677	903	1,114	1,307	1,511
3. Ext R/1000 pop					359	376	440	499	598	564	580	582	648	711	768	823
4. Low R/1000 pop					359	376	440	499	598	564	425	427	475	521	563	603
5. Avg R/1000 pop					359	376	440	499	598	564	514	517	575	630	681	731
6. High R/1000 pop					359	376	440	499	598	564	633	636	708	776	838	899
7. Avg 1-6					359	376	440	499	598	564	570	581	693	801	903	1,005
8. Select Avg Models 1,2,6					359	376	440	499	598	564	634	653	821	982	1,135	1,292

Historical Growth 2008-2013		
#	Avg #/yr	%
205	41	57%

Projected Growth 2013-2035		
#	Avg #/yr	%
728	33	129%

Note: Reliable filing data for CPS cases is not available prior to 2008.

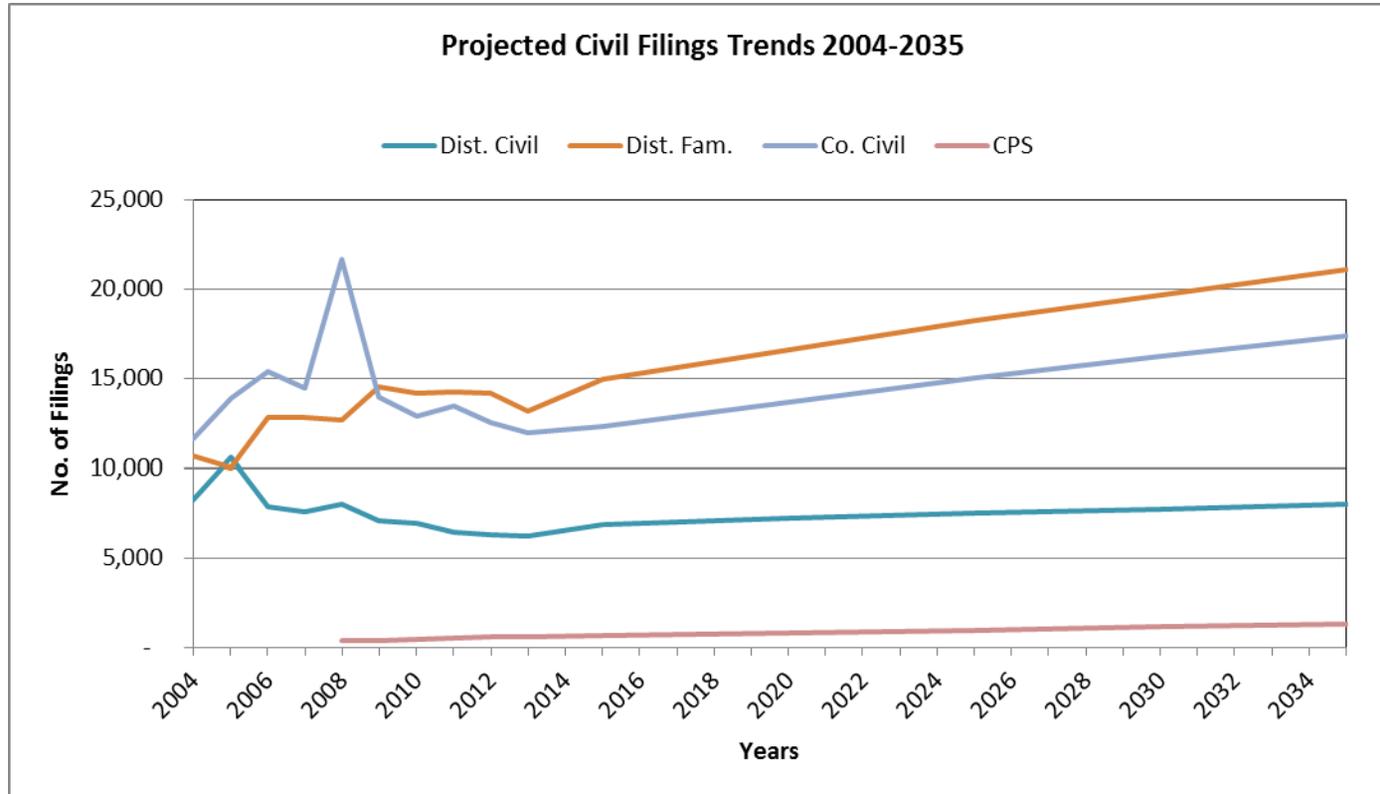
Table 12 – Travis County Combined Civil Filings Growth 2004-2035

Population			Caseload (Filings)					Analysis
Year	Population	Pop/1000	Dist. Civil	Dist. Fam.	Co. Civil	CPS	Total	F/1000 Pop.
2004	874,065	874	8,251	10,630	11,592			
2005	893,295	893	10,598	10,041	13,900			
2006	920,544	921	7,847	12,793	15,345			
2007	948,160	948	7,559	12,777	14,441			
2008	978,976	979	8,013	12,645	21,668	359	42,685	43.60
2009	1,008,345	1,008	7,080	14,546	13,932	376	35,934	35.64
2010	1,024,266	1,024	6,944	14,172	12,846	440	34,402	33.59
2011	1,049,873	1,050	6,434	14,195	13,466	499	34,594	32.95
2012	1,076,119	1,076	6,293	14,145	12,479	598	33,515	31.14
2013	1,108,403	1,108	6,223	13,168	11,911	564	31,866	28.75
2014	1,138,884	1,139					-	-
2015	1,144,419	1,144	6,869	14,934	12,298	634	34,736	30.35
2016	1,169,806	1,170					-	-
2017	1,195,520	1,196					-	-
2018	1,221,466	1,221					-	-
2019	1,247,288	1,247					-	-
2020	1,273,260	1,273	7,199	16,616	13,683	821	38,318	30.09
2021	1,298,639	1,299					-	-
2022	1,323,711	1,324					-	-
2023	1,348,433	1,348					-	-
2024	1,372,646	1,373					-	-
2025	1,396,384	1,396	7,501	18,223	15,006	982	41,711	29.87
2026	1,419,477	1,419					-	-
2027	1,442,342	1,442					-	-
2028	1,464,643	1,465					-	-
2029	1,486,846	1,487					-	-
2030	1,508,642	1,509	7,751	19,688	16,212	1,135	44,786	29.69
2031	1,530,316	1,530					-	-
2032	1,552,161	1,552					-	-
2033	1,573,876	1,574					-	-
2034	1,595,709	1,596					-	-
2035	1,617,945	1,618	7,988	21,114	17,387	1,292	47,781	29.53

Projected % Distribution of Case Types			
Dist. Civil	Dist. Fam.	Co. Civil	CPS
18.0%	43.7%	36.0%	2.4%
17.3%	44.0%	36.2%	2.5%
16.7%	44.2%	36.4%	2.7%

Note: Reliable filing data for CPS cases is not available prior to 2008.

Table 12 – Travis County Combined Civil Filings Growth 2004-2035 (Continued)



Note: Reliable filing data for CPS cases is not available prior to 2008

Table 13 – Travis County Civil Judicial Officer Analysis 2004-2013

Population	
Year	Population
2004	874,065
2005	893,295
2006	920,544
2007	948,160
2008	978,976
2009	1,008,345
2010	1,024,266
2011	1,049,873
2012	1,076,119
2013	1,108,403
2014	1,138,884
2015	
2016	
2017	
2018	
2019	
2020	
2021	
2022	
2023	
2024	
2025	
2026	
2027	
2028	
2029	
2030	
2031	
2032	
2033	
2034	
2035	

Filings				
Dist. Civil	Dist. Fam.	Co. Civil	CPS	Total
8,251	10,630	11,592		
10,598	10,041	13,900		
7,847	12,793	15,345		
7,559	12,777	14,441		
8,013	12,645	21,668	359	42,685
7,080	14,546	13,932	376	35,934
6,944	14,172	12,846	440	34,402
6,434	14,195	13,466	499	34,594
6,293	14,145	12,479	598	33,515
6,223	13,168	11,911	564	31,866
				-

Judicial Officers			
D Jdg	Asso Jdg	Co Jdg	Total
9	3	2	14
9	3	2	14
9	3	2	14
10	3	2	15
10	3	2	15
10	3	2	15
10	3	2	15
10	3	2	15
10	3	2	15
10	3	2	15

District Court Jud. Ofc Analysis 2013					
Dist F	JO	Avg F/JO	Pop/JO	Avail Hrs	Hrs/F
19,955	13	1,535	85,262	16,965	0.85

County Court Jud. Ofc Analysis 2013					
Co F	JO	F/JO	Pop/JO	Avail Hrs	Hrs/F
11,911	2	5,956	554,202	2,610	0.22

Note: Reliable filing data for CPS cases is not available prior to 2008.

Note: Two Associate Judges are permanently assigned to Civil Court. The third is borrowed from Probation caseload and may soon need to be returned to that primary assignment.

Table 14 – District Court Judicial Officer Analysis

	Historical Data										Projections					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
Population	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884	1,144,419	1,273,260	1,396,384	1,508,642	1,617,945
Dist. Court Filings																
Dist Civil	8,251	10,598	7,847	7,559	8,013	7,080	6,944	6,434	6,293	6,223	6,900	6,869	7,199	7,501	7,751	7,988
Dist Fam	10,630	10,041	12,793	12,777	12,645	14,546	14,172	14,195	14,145	13,168	14,862	14,934	16,616	18,223	19,688	21,114
CPS					359	376	440	499	598	564	634	653	821	982	1,135	1,292
Dist Ct Total					21,017	22,002	21,556	21,128	21,036	19,955	22,396	22,457	24,635	26,705	28,574	30,394

Jud. Ofc. Analysis	Historical Data									
Judicial officers	12	12	13	13	13	13	13	13	13	13
Pop(1000)/JO	72,839	74,441	70,811	72,935	75,306	77,565	78,790	80,759	82,778	85,262
Filings/JO	-	-	-	-	1,617	1,692	1,658	1,625	1,618	1,535
Available Hrs (total)	15,660	15,660	16,965	16,965	16,965	16,965	16,965	16,965	16,965	16,965
Hrs/JO	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305
JO Hrs/filing					0.81	0.77	0.79	0.80	0.81	0.85

Ratios			
Existing	Low	Avg.	High
85,262	70,811	77,149	85,262
1,535	1,535	1,624	1,692
16,965	15,660	16,704	16,965
1,305	1,305	1,305	1,305
0.85	0.77	0.80	0.85

JO Hrs/F trend (based on real # increase/year)					0.81	0.77	0.79	0.80	0.81	0.85	0.86	0.87	0.91	0.95	0.99	1.03
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Note: Reliable filing data for CPS cases is not available prior to 2008.

Table 14 – District Court Judicial Officer Analysis (Continued)

JO Projections	Historical Data										Projection Alternatives					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
1. Aquisition rate	12	12	13	13	13	13	13	13	13	13	13	13	14	14	15	16
2. Linear Regression	12	12	13	13	13	13	13	13	13	13	13	13	13	14	14	14
3. Existing F/JO					1,612	1,690	1,655	1,623	1,616	1,534	15	15	16	17	19	20
4. Ext Hrs/Filing	15,660	15,660	16,965	16,965	16,965	16,965	16,965	16,965	16,965	16,965	15	15	16	17	19	20
5. Incr Hrs/F	0.83	0.76	0.82	0.83	0.81	0.77	0.79	0.80	0.81	0.85	15	15	17	19	22	24
6. Avg Pop/JO	72,839	74,441	70,811	72,935	75,306	77,565	78,790	80,759	82,778	85,262	15	15	17	18	20	21
7. Select Avg Models (4,5,6)											15	15	16	18	20	21

Distribution	
Dist Judge @	0.66
Assoc. Judge@	0.33

10	10	11	12	13	14
5	5	5	6	6	7

Note: Reliable filing data for CPS cases is not available prior to 2008.

Table 15 – County Court Judicial Officer Analysis

	Historical Data										Projections					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
Population	874,065	893,295	920,544	948,160	978,976	1,008,345	1,024,266	1,049,873	1,076,119	1,108,403	1,138,884	1,144,419	1,273,260	1,396,384	1,508,642	1,617,945
County Court Filings	11,592	13,900	15,345	14,441	21,668	13,392	12,846	13,466	12,479	11,911	12,239	12,298	13,683	15,006	16,212	17,387

Jud. Ofc Analysis	Historical Data									
Judicial officers	2	2	2	2	2	2	2	2	2	2
Pop(1000)/JO	437,033	446,648	460,272	474,080	489,488	504,173	512,133	524,937	538,060	554,202
Filings/JO	5,796	6,950	7,673	7,221	10,834	6,696	6,423	6,733	6,240	5,956
Available Hrs (total)	2,610	2,610	2,610	2,610	2,610	2,610	2,610	2,610	2,610	2,610
Hrs/JO	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305
Hrs/filing	0.23	0.19	0.17	0.18	0.12	0.19	0.20	0.19	0.21	0.22
Increase Jury trial multiplier	1.50									

JO Projections	Historical Data										Projection Alternatives					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035
1. Aquisition rate	2	2	2	2	2	2	2	2	2	2						
2. Linear Regression	2	2	2	2	2	2	2	2	2	2						
3. Existing F/JO	5,796	6,950	7,673	7,221	10,834	6,696	6,423	6,733	6,240	5,956	2	2	2.3	3	3	3
4. Hrs/F	0.23	0.19	0.17	0.18	0.12	0.19	0.20	0.19	0.21	0.22	2.1	2.1	2.3	2.5	2.7	2.9
5. Pop/JO	437,033	446,648	460,272	474,080	489,488	504,173	512,133	524,937	538,060	554,202	2	2	2.3	3	3	3
6. Avg 3,4,5											2	2	2	3	3	3
7. Select - Jury trial multiplier											3	3	3	4	4	4

Table 16 – Travis County Civil Judicial Officer Analysis 2004-2035

Population		Filings					Judicial Officers			
Year	Population	Dist. Civil	Dist. Fam.	Co. Civil	CPS	Total	D Jdg	Asso Jdg	Co Jdg	Total
2004	874,065	8,251	10,630	11,592			9	3	2	14
2005	893,295	10,598	10,041	13,900			9	3	2	14
2006	920,544	7,847	12,793	15,345			9	3	2	14
2007	948,160	7,559	12,777	14,441			10	3	2	15
2008	978,976	8,013	12,645	21,668	359	42,685	10	3	2	15
2009	1,008,345	7,080	14,546	13,932	376	35,934	10	3	2	15
2010	1,024,266	6,944	14,172	12,846	440	34,402	10	3	2	15
2011	1,049,873	6,434	14,195	13,466	499	34,594	10	3	2	15
2012	1,076,119	6,293	14,145	12,479	598	33,515	10	3	2	15
2013	1,108,403	6,223	13,168	11,911	564	31,866	10	3	2	15
2014	1,138,884					-				
2015	1,144,419	6,869	14,934	12,298	634	34,736	10	5	3	18
2016	1,169,806					-	10	5	3	18
2017	1,195,520					-				
2018	1,221,466					-				
2019	1,247,288					-				
2020	1,273,260	7,199	16,616	13,683	821	38,318	11	5	3	19
2021	1,298,639					-				
2022	1,323,711					-				
2023	1,348,433					-				
2024	1,372,646					-				
2025	1,396,384	7,501	18,223	15,006	982	41,711	12	6	4	22
2026	1,419,477					-				
2027	1,442,342					-				
2028	1,464,643					-				
2029	1,486,846					-				
2030	1,508,642	7,751	19,688	16,212	1,135	44,786	13	6	4	23
2031	1,530,316					-				
2032	1,552,161					-				
2033	1,573,876					-				
2034	1,595,709					-				
2035	1,617,945	7,988	21,114	17,387	1,292	47,781	14	7	4	25

Note: Reliable filing data for CPS cases is not available prior to 2008.