

## TRIAL COURT JUDGE PROJECTIONS, 2020 - 2040

### State of Georgia Judicial Complex Strategic Plan

TRIAL COURTS	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>TRIAL COURT JUDGES</b>	n/a	239	245	248	249	261	261	265	274	276	285	288	294	297	298	301	308	315	322	325	325
State Population	6,478,216	6,649,040	6,819,863	6,990,687	7,161,511	7,332,335	7,503,158	7,673,982	7,844,806	8,015,629	8,186,453	8,419,594	8,585,535	8,735,259	8,913,676	9,097,428	9,330,086	9,533,761	9,697,838	9,829,211	10,043,760
Judges per 100,000 Pop.	n/a	3.59	3.59	3.55	3.48	3.56	3.48	3.45	3.49	3.44	3.48	3.42	3.42	3.40	3.34	3.31	3.30	3.30	3.32	3.31	3.24
Trial Court Filings	655,236	896,459	890,828	830,198	868,816	913,897	913,133	1,033,176	1,052,878	996,461	1,059,917	1,050,626	1,173,545	1,273,798	1,270,743	1,267,581	1,333,681	1,440,752	1,467,096	1,454,858	1,493,508
Filings per Judge	n/a	3,751	3,636	3,348	3,489	3,502	3,499	3,899	3,843	3,610	3,719	3,648	3,992	4,289	4,264	4,211	4,330	4,574	4,556	4,476	4,595

HISTORICAL PERIOD: 1991-2010	Percent Change		Number Change		1991-10 Avg.
	Period	Annual	Period	Annual	
TRIAL COURT JUDGES	36.0%	1.9%	86.0	4.53	283.8
Judges per 100,000 Pop.	-10.0%	-0.5%	-0.359	-0.019	3.42
Filings per Judge	22.5%	1.2%	844.5	44.4	3,962

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
State of Georgia Population	12,189,252	13,426,590	14,687,906	16,009,818	17,410,677
Trial Court Filings	1,880,012	2,084,616	2,293,846	2,510,331	2,735,588

FORECAST MODELS	2020	2025	2030	2035	2040		FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>							<b>5) FILINGS PER JUDGE</b>						
= 1.9% /year from base of: 325	387	417	448	479	510	<=	(A) Mean Deviation: Average to High Year	383	411	439	466	493	<=
							= 31.7 /year from base of: 4,595	4,912	5,071	5,229	5,388	5,546	
<b>2) HISTORICAL TREND -- # CHANGE</b>							(B) Increasing Ratio	373	396	418	440	461	<=
= 4.53 /year from base of: 325	370	393	416	438	461	<=	= 44.4 /year from base of: 4,595	5,040	5,262	5,484	5,707	5,929	
<b>3) LINEAR REGRESSION</b>	375	399	422	446	469	<=	(C) Linear Regression	362	378	394	409	424	<=
<b>4) POPULATION RATIO</b>							= Least Squares Analysis	5,192	5,508	5,824	6,139	6,455	
(A) Mean Deviation: Average to Low Year	383	415	448	480	514	<=	<b>6) MULTIPLE REGRESSION</b>						
= -0.0094 /year from base of: 3.24	3.14	3.09	3.05	3.00	2.95		(A) Variables: Time, Filings						
(B) Decreasing Ratio	371	396	420	442	465	<=	= R-Square: 0.992	369	392	415	438	461	<=
= -0.0189 /year from base of: 3.24	3.05	2.95	2.86	2.76	2.67		<b>RECOMMENDED FORECAST ==&gt;</b>						
(C) Linear Regression	376	403	428	452	477	<=	<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>375</b>	<b>400</b>	<b>425</b>	<b>449</b>	<b>473</b>	
= Least Squares Analysis	3.09	3.00	2.91	2.83	2.74		<i>Judges per 100,000 Population:</i>	<i>3.08</i>	<i>2.98</i>	<i>2.89</i>	<i>2.80</i>	<i>2.72</i>	
							<i>Filings per Judge:</i>	<i>5,014</i>	<i>5,210</i>	<i>5,401</i>	<i>5,590</i>	<i>5,778</i>	

Notes: (1) For the purpose of this analysis, Trial Court judges represent all Superior and State Court judges. (2) The total number of Trial Court judges is not available for 1990.