

The Brookings Institution Center on Urban and Metropolitan Policy  
**Who Sprawls Most? How Growth Patterns Differ Across the U.S.**  
 By William Fulton, Rolf Pendall, Mai Nguyen, and Alicia Harrison  
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***Coefficients and model summary, Density 1997***

	B	Std. Error	Beta	t	Sig.
(Constant)	-2.0713	1.1087		-1.8681	0.0628
Pop'n, 1997 (natural log)	0.2200	0.0903	0.1093	2.4360	0.0155
pct chg, population, 1982-97	-0.0085	0.0044	-0.0841	-1.9095	0.0572
Pct of persons foreign born 1990	26.2762	2.2681	0.7642	11.5853	0.0000
Pct pop Hisp. 1990	-4.5339	0.9214	-0.2865	-4.9206	0.0000
Pct of school dist revs from local sources 92	-0.0150	0.0052	-0.1136	-2.8999	0.0040
Pct of houses on sewers 1990	0.0349	0.0070	0.2221	4.9952	0.0000
Surrounded by other MSAs or coast	1.0490	0.4075	0.1043	2.5741	0.0106
Pct of land >15% slope	0.0143	0.0047	0.1596	3.0215	0.0027
Pct of land wetland 1992	0.0001	0.0001	0.1107	2.4217	0.0161
Pct land privately owned 1992	-0.0085	0.0047	-0.0806	-1.8009	0.0728
Pct of non-fed land prime ag 92	0.0148	0.0050	0.1529	2.9545	0.0034
Adjusted R Square	0.64199				
Std. Error of the Estimate	1.234601				

***Coefficients and model summary, Density change 1982-1997***

	B	Std. Error	Beta	t	Sig.
(Constant)	-57.5967	9.0640		-6.3544	0.0000
Persons/acre 1982	-1.9373	0.2428	-0.3872	-7.9785	0.0000
pct chg, population, 1982-97	0.2467	0.0357	0.3672	6.9072	0.0000
Pct pop 65+ yrs 90	38.9897	18.2986	0.0945	2.1308	0.0340
Pct of persons foreign born 1990	130.2635	15.7605	0.5666	8.2652	0.0000
Pct pop black 1990	-24.2300	7.1511	-0.1678	-3.3883	0.0008
Pct pop Hisp. 1990	-38.8869	6.6254	-0.3675	-5.8694	0.0000
LN of pop per unit of govt 1997	2.0928	0.9524	0.1502	2.1974	0.0288
Growth management required	-4.5135	1.3741	-0.1478	-3.2846	0.0012
Pct of houses on sewers 1990	0.3310	0.0605	0.3152	5.4696	0.0000
Pct of houses on public water 1990	-0.2006	0.0701	-0.1631	-2.8601	0.0046
LN of urban acres 1982	1.3240	0.7191	0.0870	1.8412	0.0666
Pct of non-fed land prime ag 82	0.0809	0.0322	0.1273	2.5138	0.0125
Adjusted R Square	0.543922				
Std. Error of the Estimate	9.3173				

***Coefficients and model summary, Urban land change 1982-1997***

	B	Std. Error	Beta	t	Sig.
(Constant)	4.1172	0.2347		17.5408	0.0000
pct chg, population, 1982-97	0.0154	0.0013	0.5382	11.5838	0.0000
Persons/acre 1982	0.0780	0.0103	0.3660	7.5935	0.0000
Pct pop 65+ yrs 90	-2.2434	0.7831	-0.1277	-2.8646	0.0045
Pct of persons foreign born 1990	-6.0947	0.6485	-0.6225	-9.3978	0.0000
Pct pop Hisp. 1990	1.3906	0.2714	0.3086	5.1236	0.0000
Growth management required	0.2408	0.0591	0.1852	4.0737	0.0001
Pct of local expenditures on highways 1982	-0.0289	0.0117	-0.1069	-2.4783	0.0138
Pct of houses on sewers 1990	-0.0154	0.0025	-0.3444	-6.1612	0.0000
Pct of houses on public water 1990	0.0080	0.0029	0.1532	2.7994	0.0055
Adjusted R Square	0.51949				
Std. Error of the Estimate	0.4073				