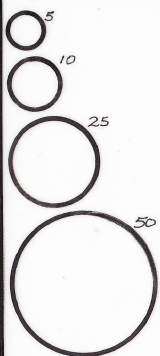


Demographic Dynamics:
Maryland's Black population 1970-80

% of total



*Comparison of
Black/White growth:*

B<W		100 % and over
		50 - 100 %
		0 - 50 %
		0 - 50 %
		50 - 100 %
B>W		100 % and over

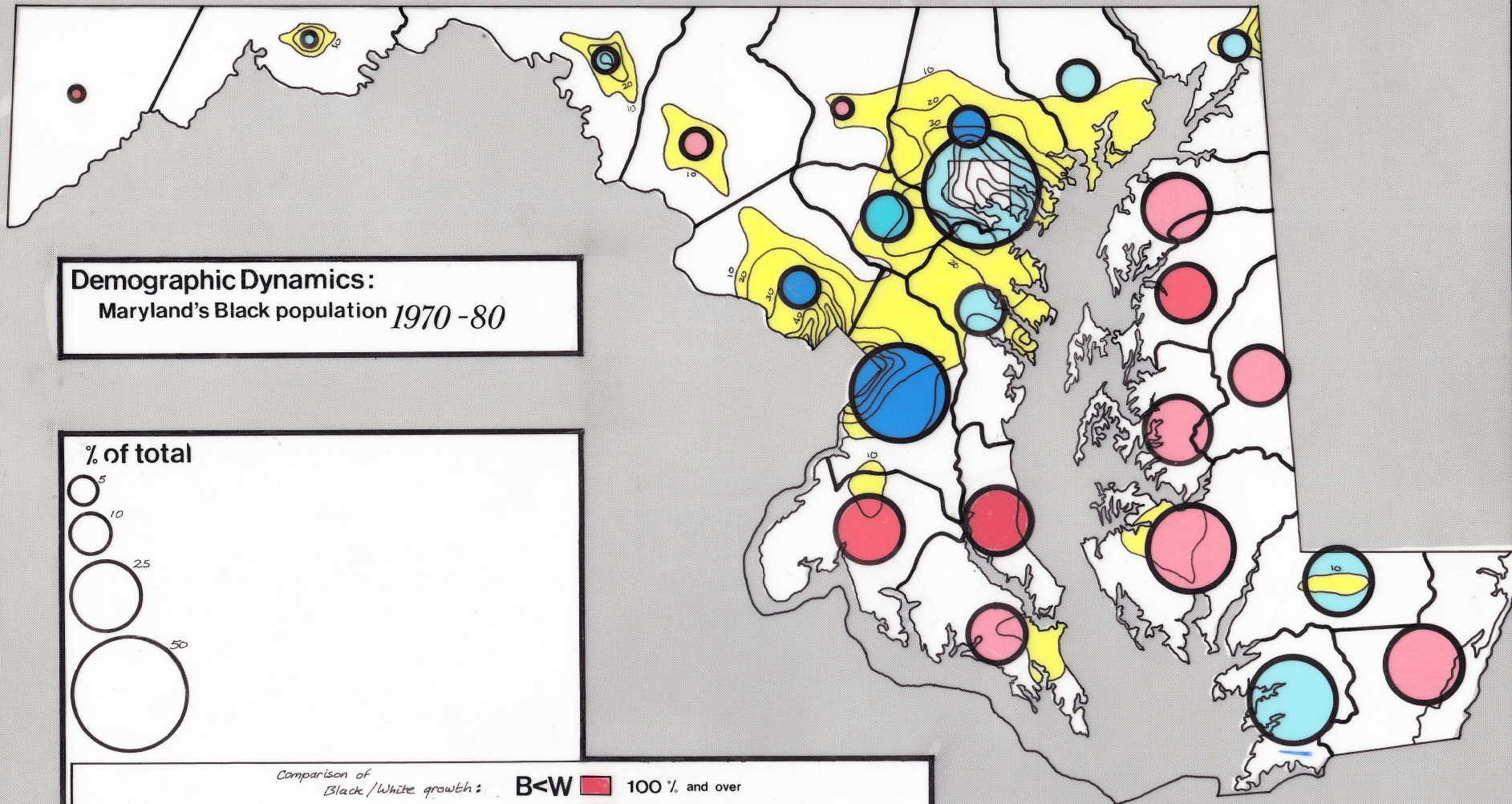


Figure 2. The patterns of Maryland population dynamics may be further divided to analyse the differences between black and white population. This map shows relations between percentage black population (circle size) and its growth in comparison to white population growth (hue). The isolines delineate areas of equal city-size: all incorporated towns between the 10 and 20 isolines, for instance, have a population of between ten and twenty thousand.

The pattern which emerges is quite complex in the metropolis of the western Chesapeake. Baltimore city, beginning with a high percentage of blacks, has experienced a growth in that percentage relative to whites. The surrounding counties have grown in black population but have started with a smaller percentage.

Around Washington, we can see the differences between Montgomery and Prince George's Counties: the latter's large share of black population grew at a phenomenal rate compared with the white rate. The same growth in Montgomery County has less traumatic impacts, due to the smaller size of the black community to begin with. The racial separation of capital in the metropolis carries enormous implications in the ability of existing programs to cope with human consequences.

Hey how can you
have 100% and over ?
I guess you can ,
but it sounds a
bit funny ... no ?

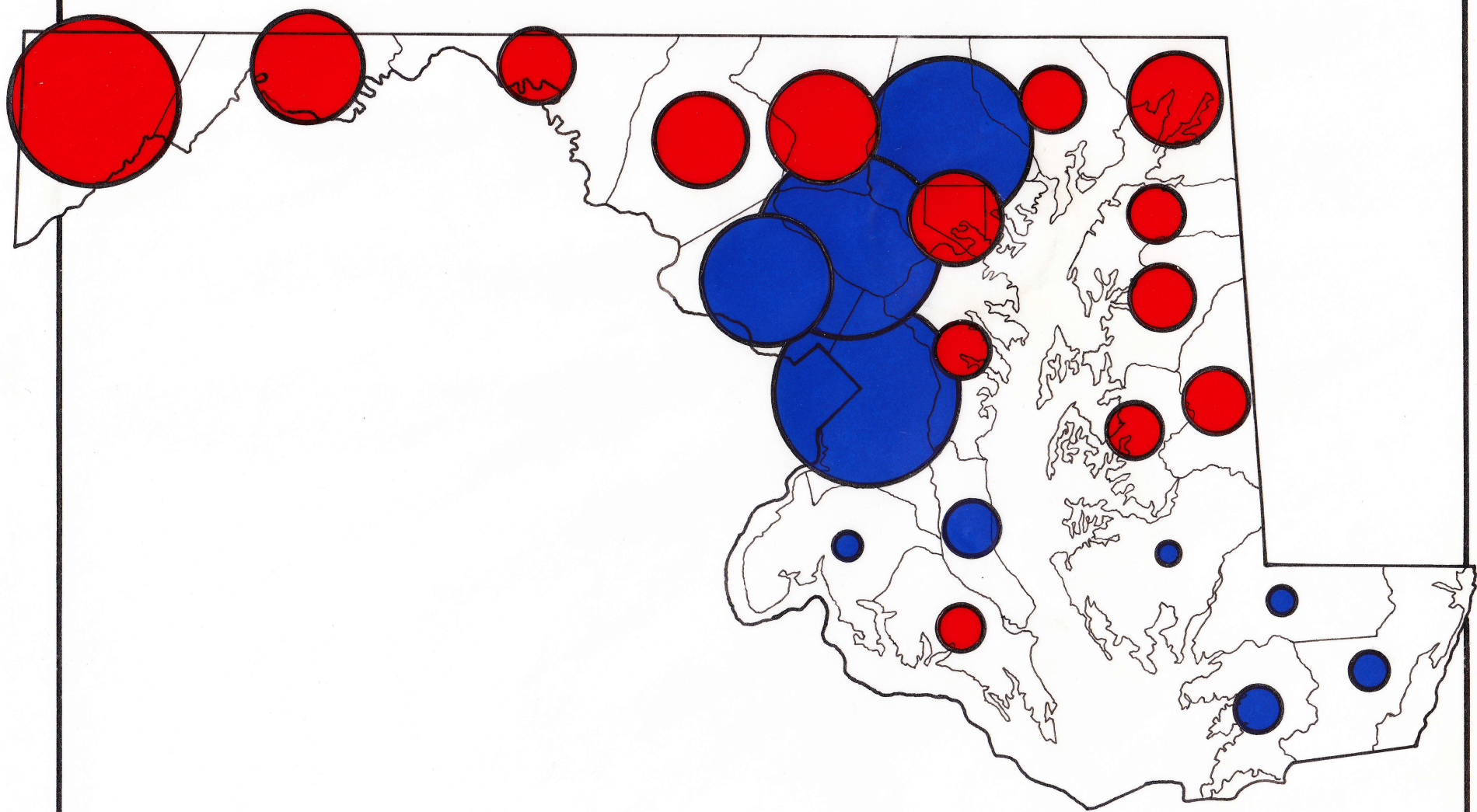


Figure 3. Residuals for the model: black population growth of Maryland counties (1970-80) regressed against initial black population in each county, population density, and the difference between black and white birth rates. The high positive residuals (blue) in the megalopolis Baltimore-Washington corridor are indicative of the models's inherent flaws, however: R^2 is pegged at only .52.