

The Impact of Manufactured Housing on Adjacent Residential Property Values: A GIS Approach Based on Three North Carolina Counties

Mulatu Wubneh, Guoqiang Shen

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Abstract

This empirical study examines the impact of manufactured housing (MH) on the values of adjacent site-built residential properties using Geographical Information Systems (GIS) and large data samples for three counties in North Carolina, USA, for the period of 1994-2000. Both property appreciation rates (AR) and property values (PV) are examined with respect to proximity to MH. While ARs are based on a simple measure of value appreciation, PVs are estimated in a linear regression based hedonic price model, which is designed to capture the contributions of structure and location attributes to property values. Results indicate that the appreciation rates slightly decreased with distance from a MH unit in Buncombe and Wake, but the reverse is true in Pitt. The statistical analyses reveal that proximity to a manufactured home influences the value of nearby site-built residential property. Estimated property values show that the further away from a manufactured home, the higher the site-built property value, other things being equal.

References

Boers, T. A., June 1991. Does Manufactured Housing Appreciate or Depreciate *Manufactured Housing Merchandiser*.

[Google Scholar](#)

DiGeronimo, R. Winter 1989. A Solution to Affordable Housing: Manufactured Homes. *The Real Estate Appraiser and Analyst*. 18-25.

[Google Scholar](#)

Elway Research 1991. Value Study of Manufactured Housing in Washington, Jointly with Washington State Manufactured Housing Institute.

[Google Scholar](#)

Foremost Insurance Group 1997. The Market Facts: Residents of Manufactured Homes Describe Themselves, Their Interest and Their Homes. 1996 Report.

[Google Scholar](#)

Friedlander, William 1998. *Urban Manufactured Housing: Cost, Design and Legal Issues*. Ph.D. Dissertation, University of Louisville, Kentucky .

[Google Scholar](#)

George, A. Feb. 1989. Love Thy Neighbor. *Manufactured Home Merchandiser*.

[Google Scholar](#)

Gruber, K.J., Shelton, G. G., and Hiatt, A. R. Summer 1988. The Impact of the Presence of Manufactured Housing on Residential Property Values. *The Real Estate Appraiser and Analyst*. 30-42.

[Google Scholar](#)

Harris, David 1999. Property Values Drop When Blacks Move In, Because...Racial and Socioeconomic Determinants of Neighborhood Desirability, *American Sociological Review*, Vol. 64, 461-479.

[Web of Science®](#) | [Google Scholar](#)

Hegji, Charles and Mitchell, Linda 2000. The Impact of Manufactured Housing on Adjacent Site-Built Residential Properties in Two Alabama Counties, *Southern Business Review*, Fall, 13-20.

[Google Scholar](#)

Hicks, E. Feb. 1982. Study Proves: Manufactured Homes Do Not Depreciate Conventional Neighbors. *Manufactured Housing Dealer*. 8-25.

[Google Scholar](#)

Lowrey, Ira. 1964. *A Model of Metropolis*. Santa Monica , Cal. : The Rand Corporation.

[Google Scholar](#)

Malnight, J. 1980. Mobile Homes Appreciate in Value, *Manufactured Housing Dealer*, 16-20.

[Google Scholar](#)

Manufactured Housing Institute [MHI]. 2002. Fast Facts, www.mfghome.org/_facts.html.

[Google Scholar](#)

MaRouse, Michael S. 1996. Low Income Housing in our Backyards: What Happens to Residential Property Values. *Appraisal Journal*, Vol. 64, 1,27-36.

[Google Scholar](#)

Munneke, HJ. and Slawson, V. C., Jr. 1999. A Housing Price Model with Endogenous Externality Location: A Study of Mobile Home Parks, *Journal of Real Estate Finance and Economics*, 19: 2, 113-131.

[Web of Science®](#) | [Google Scholar](#)

North Carolina Manufactured Housing Institute (2004). Facts About Factory Built Housing www.ncmhi.com/facts.htm.

[Google Scholar](#)

Nutt-Powell, T.E., Hoagin, D., and Layzer, J. 1986. Residential Property Value and Mobile/Manufactured Homes. Working Paper W86-1, Joint Center for Housing Studies of the Massachusetts Institute of Technology and Harvard University.

[Google Scholar](#)

Orford, Scott. 1999. *Valuing the Built Environment: GIS and House Price Analysis*. Gower House: Ashgate.

[Google Scholar](#)

Robins, P.K. and R.W. West. 1977. Measurement Errors in Estimation of Home Value. *Journal of the American Statistical Association* 72 (June), 290-94.

[Web of Science®](#) | [Google Scholar](#)

Rogers, Dennis. 1999. Why do Trailers Cause Fuss *News and Observer*, Raleigh, NC., July 24, Bl.

[Google Scholar](#)

Shen, G. and Stephenson, R. A. The Impact of Manufactured Housing on Adjacent Residential Properties in North Carolina. *Draft Report to North Carolina Manufactured Housing Institute*. Department of Planning, School of Industry and Technology, East Carolina University, 1997.

[Google Scholar](#)

Wallis, A.D. Well Estate: *The Rise and Decline of Mobile Homes*. New York : Oxford University Press, 1991.

[Google Scholar](#)

Warner, K. and Scheuer, J. 1993. Manufactured Housing Impacts on Adjacent Property Values. *Report 4 on Manufactured Housing Research Project (48109-2069)*, Project Directors: Warner, K. and Johnson, R. College of Architecture and Urban Planning, University.

[Google Scholar](#)

Wendy, J. and Benoy, Joseph. 1997. The Outlook for Manufactured Housing in the United States. *Business Economics*. Vol. 32, No. 3.

[PubMed](#) | [Google Scholar](#)

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