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**COST IMPACT OF SPRINKLER INSTALLATION ON
 NEW HOMES IN FOUR MAJOR AREAS OF MONTANA**
 Compiled by MSU-Billings Center for Applied Economic Research

Table 1 Prices and Characteristics of New Homes Built Within Past Few Years

County	Time Span	Avg. SQFT	# Sales	Median Price
Yellowstone	2009-2010	2,149	127	\$205,129
Gallatin	2009-2010	2,019	65	\$237,000
Great Falls	2010	2,474	53	\$232,900
Flathead*	2009	1,745	25	\$192,000

Table 2 Estimate Median Prices of New Homes without and with Sprinklers (and Impact Fees)

	Median Price without Sprinklers	Median Price with Lower-Bound Est. of Costs	Median Price with Upper-Bound Est. of Costs
Yellowstone	\$205,129	\$ 211,129	\$ 229,129
Gallatin	\$237,000	\$ 243,000	\$ 261,000
Great Falls	\$232,900	\$ 238,900	\$ 256,900
Flathead	\$192,000	\$ 198,000	\$ 216,000

Table 3 Percentage of County Households Who Could Afford Average New Home without and with Sprinklers

County	# of HHs Than Can Afford Median P New Home without Sprinklers	# HHs Losing Affordability due to Sprinkler Costs (Lower-Bound Estimate)	# HHs Losing Affordability due to Sprinkler Costs (Upper-Bound Estimate)	% Maximum Reduction in Local Market for New Homes
Yellowstone	35,452 (53%)	598	2,398	7%
Gallatin	18,234 (48%)	939	1,605	9%
Cascade	14,730 (43%)	300	980	7%
Flathead	19,067 (52%)	364	1,454	8%