Losses in Geographic Sub-Regions Excluding Multiregional Operations

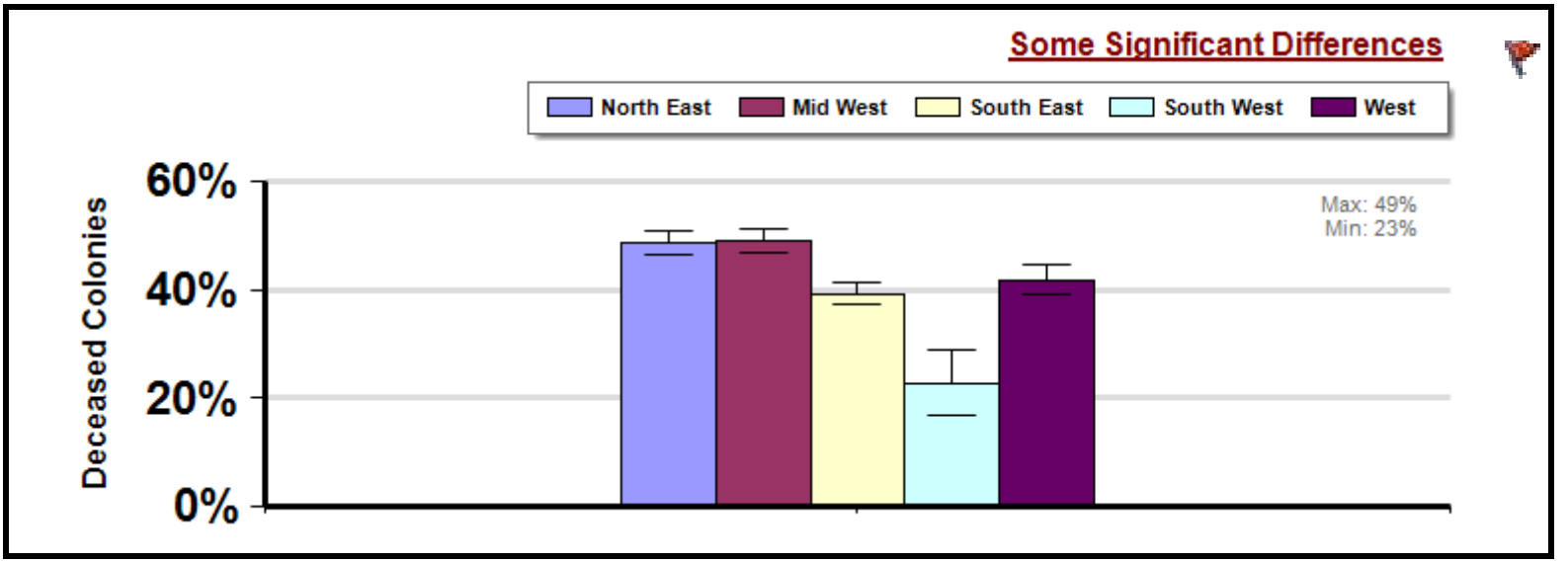
Management Survey 2013

(Filtered by:)

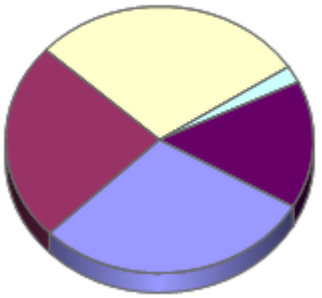
Winter

Report ID: 26-2013

Average winter loss suffered by beekeepers who kept their colonies exclusively in different geographic sub-regions of the US including the Northeast (CT, DE, MA, MD, ME, NH, NJ, NY, PA, RI, VT), Midwest IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI), South-East (AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, VA, WV), Southwest (AZ, NM, OK, TX), and West (CA, CO, ID, MT, NV, OR, UT, WA, WY) between April and March. Beekeepers who managed bees in more than one region are excluded.



Participant Ratio



Interpretation

Beekeepers who kept bees in the Southwest had significantly less overwintering colony deaths than beekeepers who kept colonies in the Northeast, Midwest, Southeast and West sub-regions of the US. Beekeepers in the Southeast experienced significantly less overwintering colony deaths than beekeepers in the Northeast and Midwest regions.

Survey Question

	Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Colony Loss	Percentage of respondents, by operation size, in each region		
			Mean(%) [Lower, Upper] CI	Backyard	Sideliner	Commercial
North East	1,164	16,519	**49%[47%,51%]**	29.8%	23.7%	10.2%
Mid West	957	37,308	**49%[47%,51%]**	24.2%	25.4%	10.2%
South East	1,152	19,068	**39%[37%,41%]**	29.4%	26.0%	8.2%

South West	83	1,007	**23%[17%,29%]**	2.1%	2.3%	0.0%
West	614	118,963	**42%[39%,45%]**	14.4%	22.6%	71.4%

Comments About This Data

Relevant Links, References, and Citations

Funded By: USDA NIFA United States Department of Agriculture National Institute of Food and Agriculture

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