

Sample Description

The Mid-America Regional Council Solid Waste Management District serves as the regional solid waste planning agency for local governments in Cass, Clay, Jackson, Platte and Ray Counties. The Solid Waste Management District works in cooperation with Kansas-side governments in the Kansas City area. The district and its partners encourage the development of local and regional waste reduction, reuse and recycling programs

During July, the Solid Waste Management District, in partnership with Johnson, Leavenworth and Wyandotte Counties, conducted a survey of residents in the eight-county area (Cass, Clay, Jackson, Platte, Ray, Johnson, Leavenworth, Wyandotte). The purpose for the study was to obtain input from residents to help establish priorities to foster a cleaner, healthier community and environment and to understand the needs of residents in the eight-county area.

The goal was to obtain large enough samples from each of the eight counties so that some analyses could be done by county. The decision was made to use a stratified sample with random sampling by county. The goal was to obtain 800 completed surveys with a minimum goal of 70 per county with larger samples for four of the counties. A random sample of 70 has a confidence level of 90% with a precision of +/-10%. A random sample of 100 has a confidence level of 95% with a precision of +/-10%, while a random sample of 160 has a confidence level of 95% with a precision of +/-8%. The final goal by county was 160 each for Jackson County and Johnson (KS) County; 100 each for Clay County and Wyandotte County; and 70 each for Cass, Leavenworth, Platte and Ray Counties.

The final number obtained was 906, which gives an overall confidence level of 95% with a precision of +/- 3.3%. The final distribution was 172 each for Jackson and Johnson Counties, 134 for Clay County, 113 for Wyandotte County, 80 for Cass County, 75 for Leavenworth County, 83 for Platte County, and 76 for Ray County.

The key results will be available by county. The data at the city level are too small to be statistically significant. The one exception is Kansas City Missouri; however, some people may have written their city as Kansas City Missouri thinking about their postal address rather than their city of residence. So results even for Kansas City, Missouri would need to be interpreted with care.

The results presented in this tabular summary have been weighted to represent each county's share of the eight-county population. The weighted results are similar to the overall unweighted results. The weighted results give more weight to the responses of Jackson and Johnson County responses and similarly give less weight to the responses of smaller counties such as Ray County.

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