

US County-Level 2010-14 Social Vulnerability Component Summary

<i>Component</i>	<i>Cardinality</i>	<i>Name</i>	<i>% Variance Explained</i>	<i>Dominant Variables</i>	<i>Component Loading</i>
1	-	Wealth	15.833	MHSEVAL	0.873906183
				QRICH200K	0.871619111
				MDGRENT	0.846370212
				PERCAP	0.817764954
				QASIAN	0.68335643
2	+	Race (Black) and Social Status	15.689	QBLACK	0.838618138
				QFHH	0.820467943
				QPOVTY	0.708101777
				QCVLUN	0.65510152
				QED12LES	0.589244914
				QNOAUTO	0.587784173
				QFAM	-0.792544127
3	+	Age (Elderly)	12.483	MEDAGE	0.840840732
				QSSBEN	0.791627081
				QAGEDEP	0.772990516
				QUNOCCHU	0.757050843
				QRENTER	-0.707241114
4	+	Ethnicity (Hispanic) and Lack of Health Insurance	10.094	QHISP	0.918217941
				QESL	0.89318902
				QNOHLTH	0.53952391
5	+	Special Needs Populations	7.769	QNRRES	0.722009603
				QHOSPTPC	0.65255876
				PPUNIT	-0.518618239
6	+	Service Sector Employment	5.724	QSERV	0.77226767
				QFEMLBR	0.590202961
				QEXTRCT	-0.553394535
7	+	Race (Native American)	5.554	QNATAM	0.921862441
8	+	Gender (Female)	4.955	QFEMALE	0.943608309

Total Variance Explained

78.101



29 Total Variables, populations < 1 excluded, housing units < 1 excluded

Notes:

Component scores and composite SoVI scores in the accompanying geodatabase are relative and comparable across all US counties only.

Component cardinalities in the accompanying feature class have been adjusted as indicated above. The SoVI composite score is obtained by summing all adjusted component scores.

Input data are derived from the 2010 U.S. Census Five-Year American Community Survey, 2010-14.