

US County 2019 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	16.33	MDHSEVAL MDGRENT QRICH200K PERCAP QASIAN QMOHO	0.8963 0.8763 0.8712 0.7923 0.7134 -0.4735
2	+	Race (Black) and Social Status	15.832	QFHH QBLACK QPOVTY QNOAUTO QFEMLBR QRENTER QCVLUN QFAM	0.8371 0.7587 0.6968 0.5786 0.5629 0.5329 0.4833 -0.8342
3	+	Dependence and Age (Elderly)	14.376	MEDAGE QAGEDEP QSSBEN QUNOCCHU PPUNIT	0.8863 0.8568 0.8005 0.7456 -0.8597
4	+	Ethnicity (Hispanic and Education)	9.634	QNOHLTH QHISP QED12LES QEXTRCT	0.7031 0.6618 0.6435 0.5456
5	+	Special Needs Populations	6.622	HOSPTPC QNRRES	0.6866 0.6481
6	+	Race (Native American)	5.232	QNATAM QESL	0.8608 -0.4812
7	+	Service Sector Employment	4.813	QSERV QFEMALE	0.7524 -0.5117

Total Variance Explained 72.839



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

Notes:

1. Composite SoVI scores in the geodatabase are relative and thus comparable across all US counties only.
2. Component cardinalities in the feature class have been adjusted as indicated above. The SoVI composite score is obtained by summing all adjusted component scores.
3. Input data are from the 2019 U.S. Census Five-Year American Community Survey.