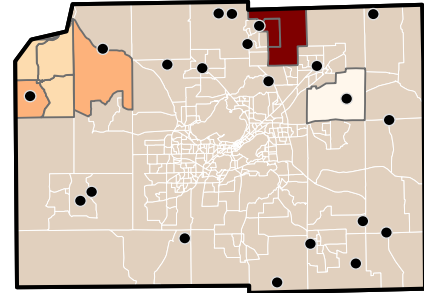
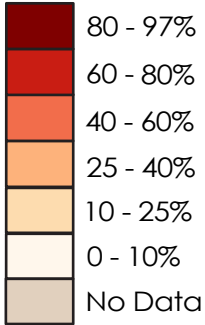


FIELDS OFFLINE: WISCONSIN'S AGRICULTURAL BLANKSPOTS

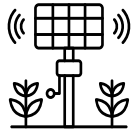
Percent of Agricultural Parcels Per County Without Access to High-Speed Broadband

Legend

● Cell Towers



Percent of Unserved Agricultural Parcels by Block Groups in Dane County



In order to compete in the global economy, Wisconsin Farms will need to become more reliant on advanced technology to increase production and become more efficient. Precision Agriculture, defined as "the science of improving crop yields and assisting management decisions using high technology sensor and analysis tools", is becoming pervasive, but is reliant on high-speed broadband technologies to support its use.



Service availability is defined as terrestrial service for fixed broadband. The data does not include mobility (4G and 5G). The Cell towers represent a potential opportunity to serve either 5G or fixed Wireless services to unserved agricultural parcels.



40

Miles

Map by Callum Wilson, 12/12/23

North America Albers Equal Area Conic, Central Meridian 90.5°W, Standard Parallels 43.5°N & 45.2°N

Data: Map & Counties: IPUMS, Cell Towers: HIFLD, Block Groups: US Census Bureau,

Broadband: FCC, Icons: The Noun Project, Other Information: Science Direct