



# Road map of the presentation:

1. Introduction
2. Background
3. Methods
4. Results
5. Discussion
6. Question and Answer

















European Ethnic-heritage Influences in Michigan's U.P.









# French Canadian, French, & Canadian Claimed Ancestry



(a) French Canadian

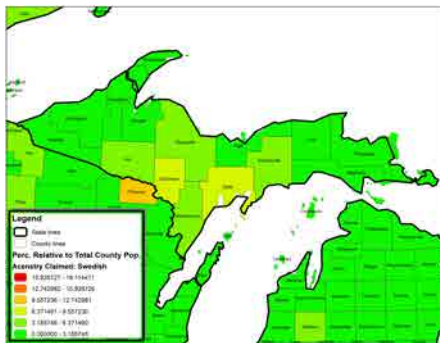
(b) French

(c) Canadian

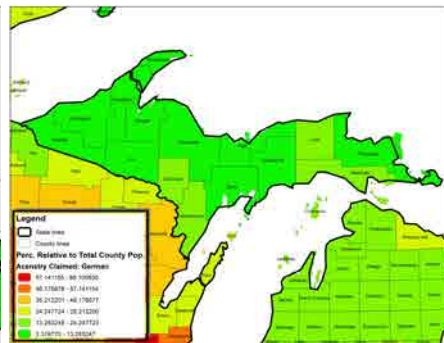
Figure 4: Percentages relative to county population and based on U.S. Census Data 2015 (5-year estimates; B04004)



## Swedish and German Claimed Ancestry



(a) Swedish

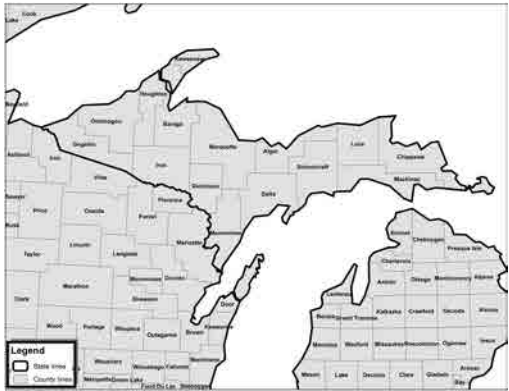


(b) German

Figure 5: Percentages relative to county population and based on U.S. Census Data 2015 (5-year estimates; B04004)



# Shift toward English-speaking communities











# Linguistic Research on U.P. English

- Exceptions to this claim include the the following studies:
  - [The Northern U.P. Talk Study](http://gvsu.edu/csd/uptalk) (gvsu.edu/csd/uptalk)
    - A U.P.-wide project to quantitatively investigate an array of linguistic features related to the production, perception and beliefs/attitudes toward U.P. English.
  - [The Sauna Survey](http://gvsu.edu/csd/thesaunasurvey) (gvsu.edu/csd/thesaunasurvey)
    - An online linguistic survey polling the Upper Midwest on the pronunciation of "sauna" and attitudes toward its usage.
  - [The U.P. Word Survey](http://gvsu.edu/csd/theupwordsurvey) (gvsu.edu/csd/theupwordsurvey)
    - An online linguistic survey polling the Upper Midwest on the U.P. words and attitudes toward their usage.
  - [The Yooper Survey](http://gvsu.edu/csd/theyoopersurvey) (gvsu.edu/csd/theyoopersurvey)
    - An online linguistic survey polling the Upper Midwest on the word "Yooper" and attitudes toward its usage.























# Lexical item "camp"













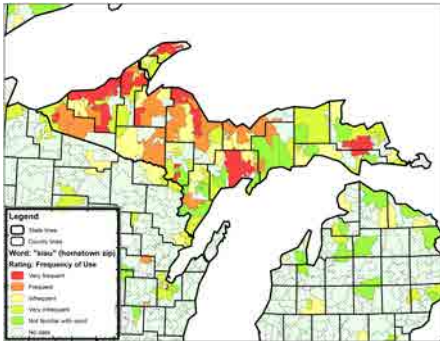
LEXICAL ITEM "CAMP"

# What major observations do we see?

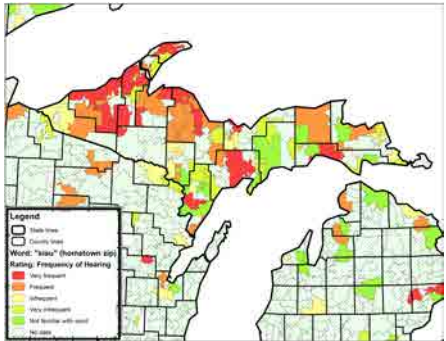
Words	Likert Scale				
	Frequency of Use	Frequency of Hearing	Willingness to correct indiv.	Willingness to correct group	Importance to Identity
"camp"	U.P.-wide		West, north-central, and south-central		Central (north and south); less on east and west
"sisu"					
"cudighi"					
"chook"					
"swampers"					
"pank"					
"choppers"					



# How often is "sisu" used and heard across the U.P.?



(a) Frequency of use



(b) Frequency of hearing

Figure 9: The frequency of use and hearing of the word "sisu".

(e.g., "If you can handle the winters up here, you have sisu.")









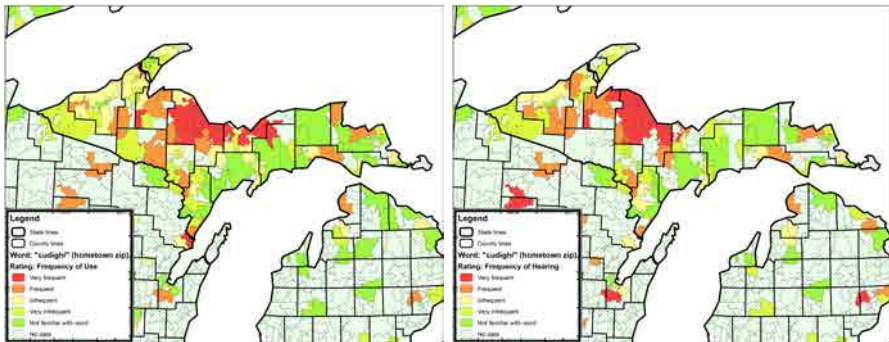


LEXICAL ITEM "CUDIGHI"

## Lexical item "cudighi"



# How often is “cudighi” used and heard across the U.P.?



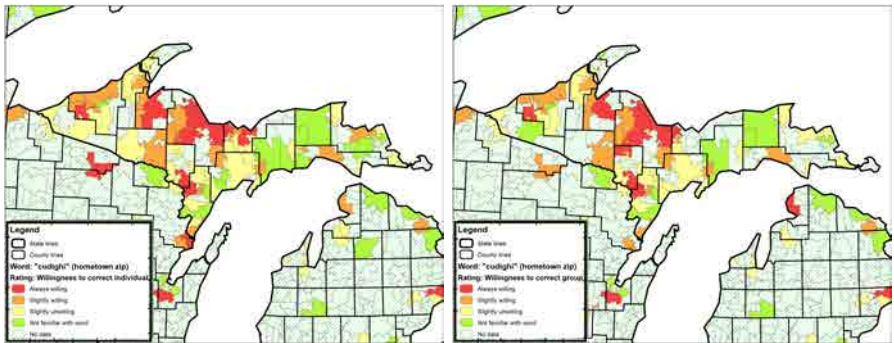
(a) Frequency of use

(b) Frequency of hearing

Figure 12: The frequency of use and hearing of the word “cudighi”.

(e.g., “You should try a slice of pizza with some cudighi on it.”)

# How willing are you to correct the use of “cudighi”?



(a) Individual

(b) Group

Figure 13: One’s willingness to correct one or more individuals if “cudighi” is used differently.

(e.g., “You should try a slice of pizza with some cudighi on it.”)

# How important is the word "cudighi" to your identity?

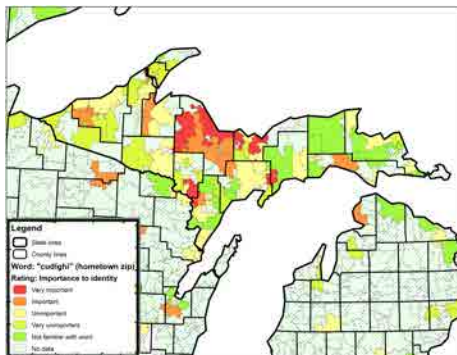


Figure 14: The importance of the word "cudighi" to one's identity.

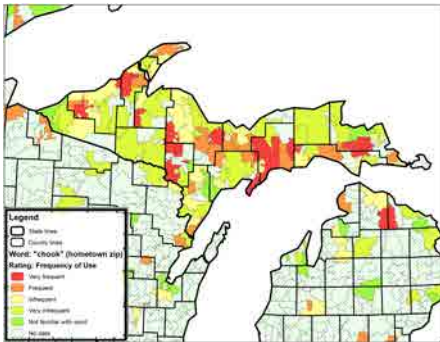
(e.g., "You should try a slice of pizza with some cudighi on it.")



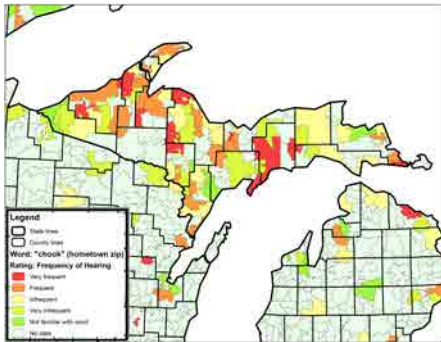
# Lexical item "chook"



# How often is “chook” used and heard across the U.P.?



(a) Frequency of use



(b) Frequency of hearing

Figure 15: The frequency of use and hearing of the word “chook”.

(e.g., “If the wind is cold outside, you should get on your chook/toque.”)





# How important is the word "chook" to your identity?

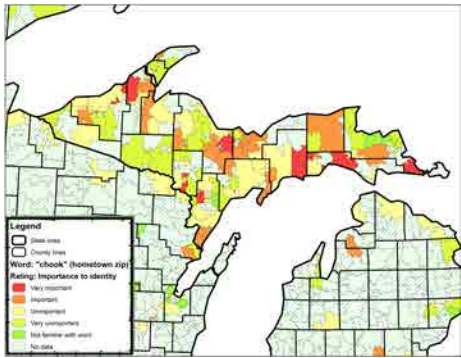


Figure 17: The importance of the word "chook" to one's identity.

(e.g., "If the wind is cold outside, you should get on your chook/toque.")



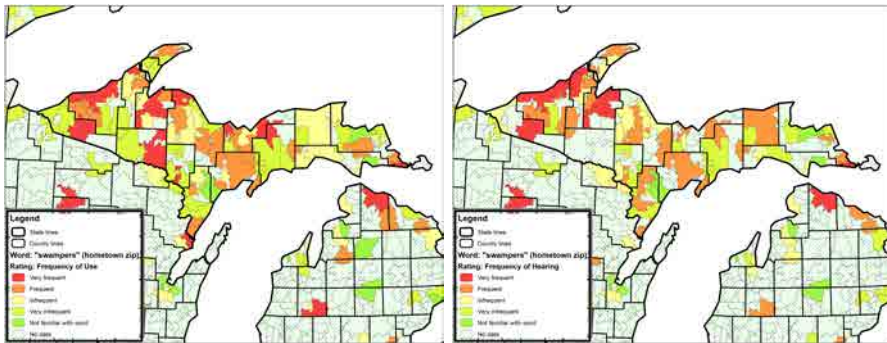
LEXICAL ITEM "CHOOK"

# What major observations do we see?

Words	Likert Scale				
	Frequency of Use	Frequency of Hearing	Willingness to correct indiv.	Willingness to correct group	Importance to Identity
"camp"	U.P.-wide		West, north-central, and south-central		Central (north and south); less on east and west
"sisu"	West, northwest, and north-central		Northwest; less for central		Northwest and central
"cudighi"	North-central		North-central; less in south-central and northwest		North-central; less in south-central and northwest
"chook"	Central; less in northwest	Central and northwest	Northwest, southeast, and east		Northwest; central and east
"swampers"					
"pank"					
"choppers"					



# How often is “swampers” used and heard across the U.P.?



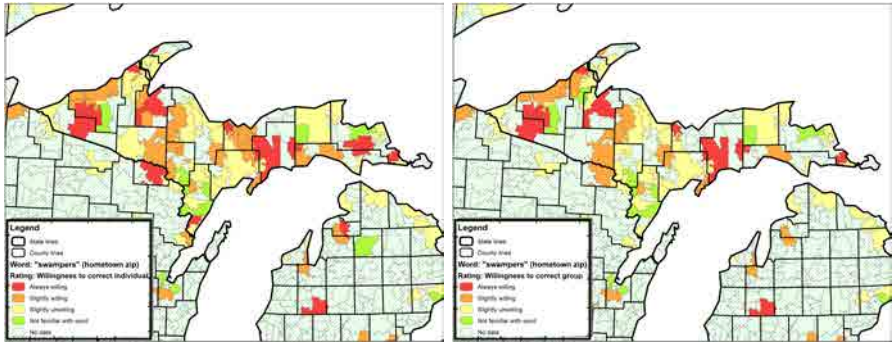
(a) Frequency of use

(b) Frequency of hearing

Figure 18: The frequency of use and hearing of the word “swampers”.

(e.g., “It is muddy outside, so you better put on your swampers.”)

# How willing are you to correct the use of "swampers"?



(a) Individual

(b) Group

Figure 19: One’s willingness to correct one or more individuals if “swampers” is used differently.

(e.g., “It is muddy outside, so you better put on your swampers.”)

# How important is the word “swampers” to your identity?

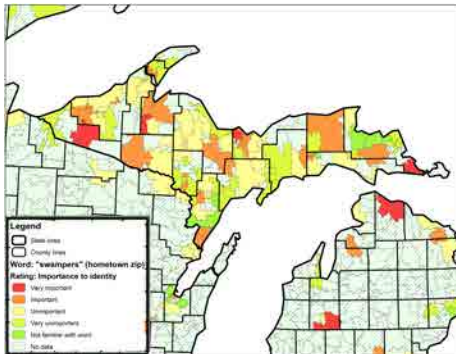


Figure 20: The importance of the word “swampers” to one's identity.

(e.g., “It is muddy outside, so you better put on your swampers.”)

# What major observations do we see?

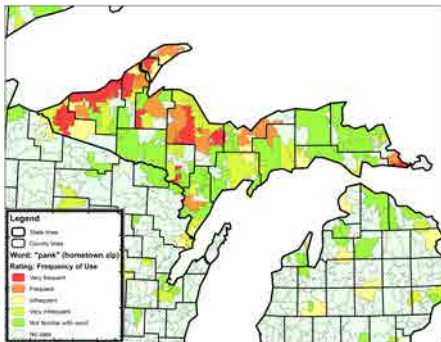
Words	Likert Scale				
	Frequency of Use	Frequency of Hearing	Willingness to correct indiv.	Willingness to correct group	Importance to Identity
"camp"	U.P.-wide		West, north-central, and south-central		Central (north and south); less on east and west
"sisu"	West, northwest, and north-central		Northwest; less for central		Northwest and central
"cudighi"	North-central		North-central; less in south-central and northwest		North-central; less in south-central and northwest
"chook"	Central; less in northwest	Central and northwest	Northwest, southeast, and east		Northwest; central and east
"swampers"	West, northwest, and central	Northwest; less so across the U.P.	West, central, and southeast		Parts of west, north-central, and northeast
"pank"					
"choppers"					

# Lexical item “pank”

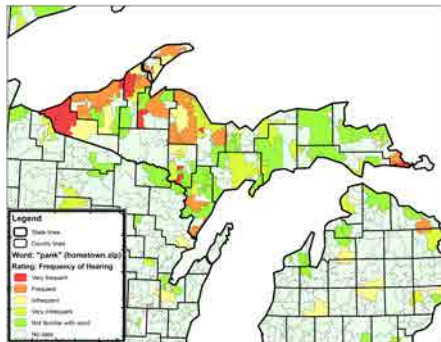




# How often is "pank" used and heard across the U.P.?



(a) Frequency of use

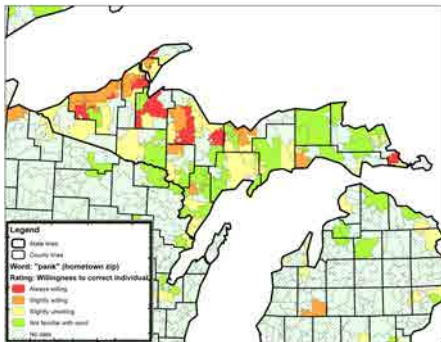


(b) Frequency of hearing

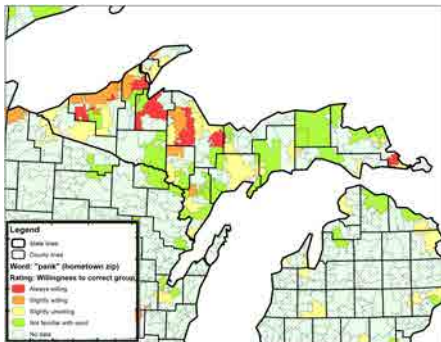
Figure 21: The frequency of use and hearing of the word "pank".

(e.g., "You need to pank down that snow.")

# How willing are you to correct the use of “pank”?



(a) Individual



(b) Group

Figure 22: One’s willingness to correct one or more individuals if “pank” is used differently.

(e.g., “You need to pank down that snow.”)



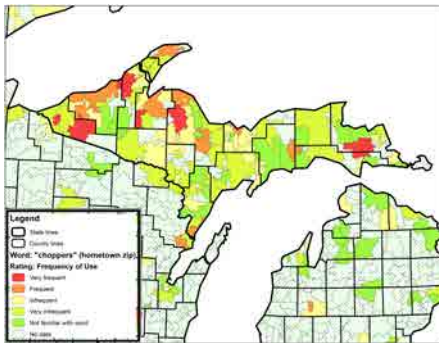




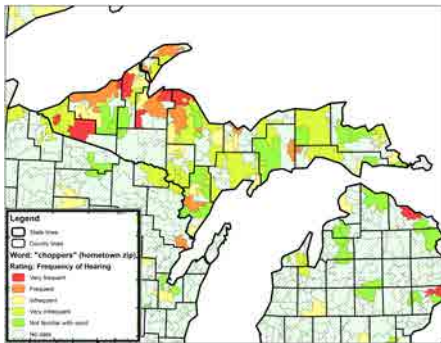


LEXICAL ITEM “CHOPPERS”

# How often is “choppers” used and heard across the U.P.?



(a) Frequency of use



(b) Frequency of hearing

Figure 24: The frequency of use and hearing of the word “choppers”.

(e.g., “If you are going outside, you better put on your choppers.”)





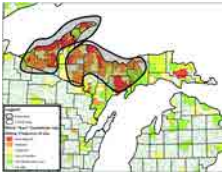




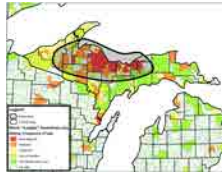




# Geographic Distribution of Loan Words



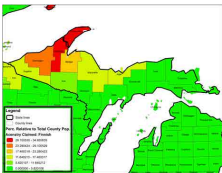
(a) "sisu"



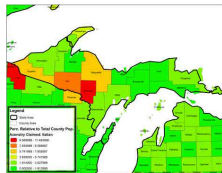
(b) "cudighi"



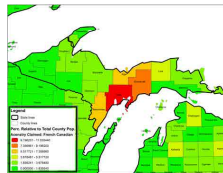
(c) "chook"



(d) Finnish



(e) Italian



(f) French Canadian

Figure 28: Distribution of frequency of use (a-c) and claimed ancestry (d-f)

# Geographic Distribution of Cultural Words

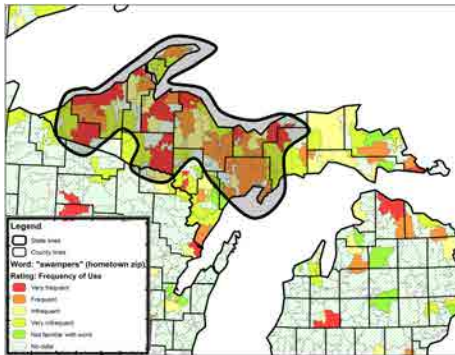


Figure 29: Localization of “swampers” based on frequency of use

- The word “swampers” is localized in the northwestern regions of the U.P., it is frequently used/heard in the central and parts of the eastern of the U.P.
  - Relatively strong ties to identity (in western U.P.).













