# Working With Street Addresses

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# Common Problems

- 123 Main St S, Schenectady, NY 12345
- 123 Main Street S, Schenectady, NY
- 123 Main St South, Schenectady, NY 12345
- 123 Main Street South, Schenectady, NY 12345
- 123 Main St S, Schenectady, NY 12345
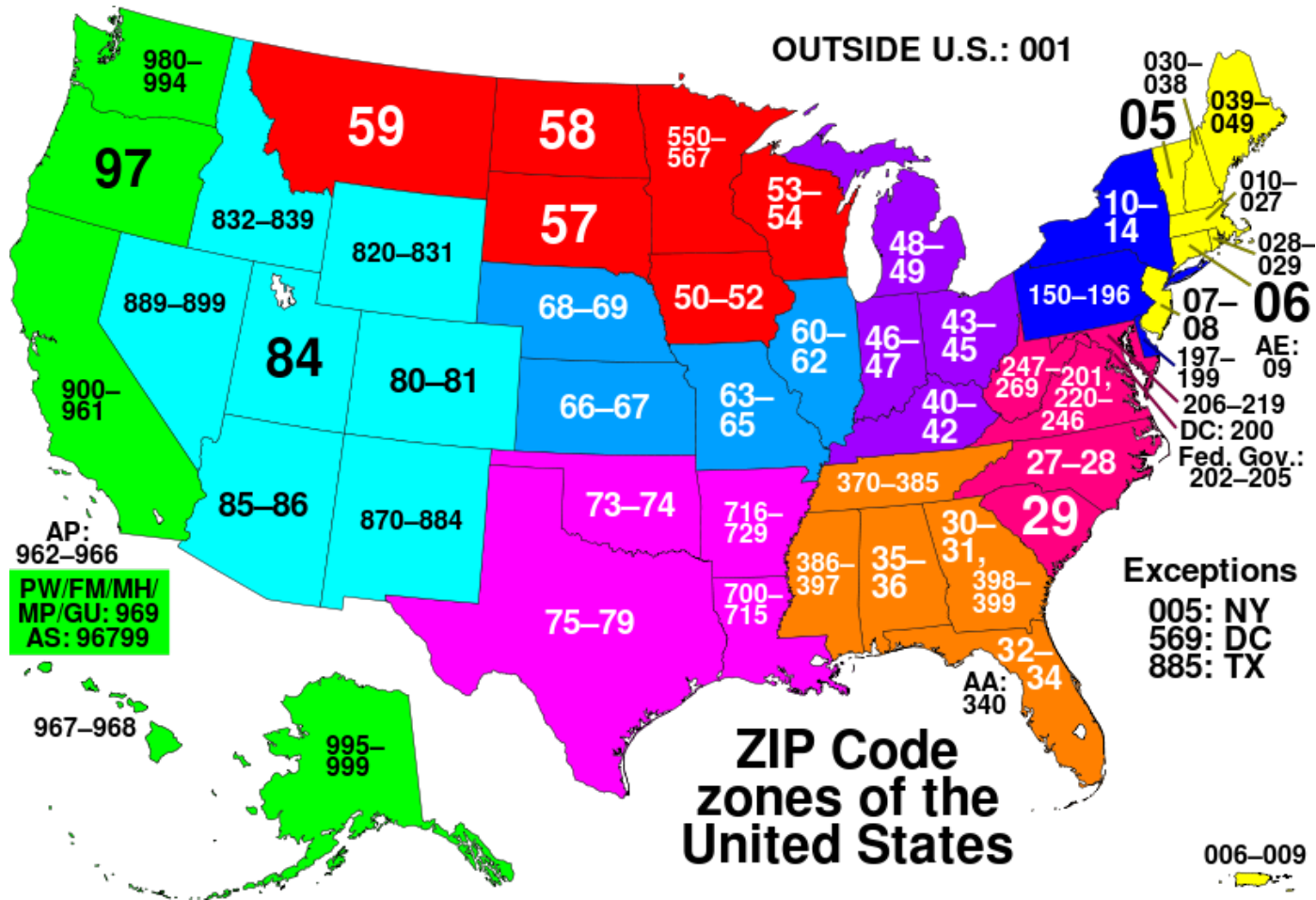- 123 Main St S, Skanecktidy, NY 12346

# Cliff Clavin

# Postal Barcode

ZIP Code
+4 Code
Delivery Point Code

# Zip Code Zones



ZIP Code
zones of the
United States

# 80301

# ZIP+4



http://en.wikipedia.org/wiki/Terraced_house

# Highrise +4

# Delivery Point

# Final Delivery

Wikimedia Foundation Inc.
200 2nd Ave. South #358
St. Petersburg, FL 33701-4313

33701-4313-00      UNIT-358

# Unique Key



33701431300UNIT358

# Data Hygiene

Use 3rd Party Software to cleanup addresses:

1 Microwsoft Weigh, Redmund, WA =>
1 Microsoft Way, Redmond, WA 98052-8300

- Coding Accuracy Support Software (CASS)
- A list of CASS certified software vendors can be obtained from the USPS or by searching online.

http://ribbs.usps.gov/files/vendors/cassn01d.TXT

# Summary

- Use third party CASS software for data hygiene.
- Include standardized data & bar code elements in your dataset.
- Create an indexed key using the bar code data.
- Presentation & notes at https://github.com/brianlong/street_address
- I will offer free CASS service for open data projects.

# Questions?

- What if a property doesn't have a street address (e.g. vacant land)?
- What if the address is incomplete?
- Are there edge cases to be aware of?