

Illinois Needs Assessment:

Local Government Data Collection by
Population Type



Further Details on Data Completeness

(update from January meeting)

Total Number of Municipalities, Places and Households in Illinois

- Project team is evaluating cost and performance of areas within Illinois, differentiating by urban and rural communities
- Density, geography and household type differences can drive differences in costs and material volumes, necessitating separate data assumptions for urban and rural areas

Majority of Illinois population lives in urban areas (as defined by U.S. Census).

However, majority of “places” are rural. “Places” include municipalities and census-designated places.

Typology	Total Number of 'Places'	Total Number of Households
Urban “Places”	364	3,960,000
Rural “Places”	1,166	470,000
Unincorporated Areas – est.	N/A	580,000
Total	1,530	5,010,000

GOALS of Data Collection:

- At least one municipality survey response from each county
- Responses covering both urban and rural places

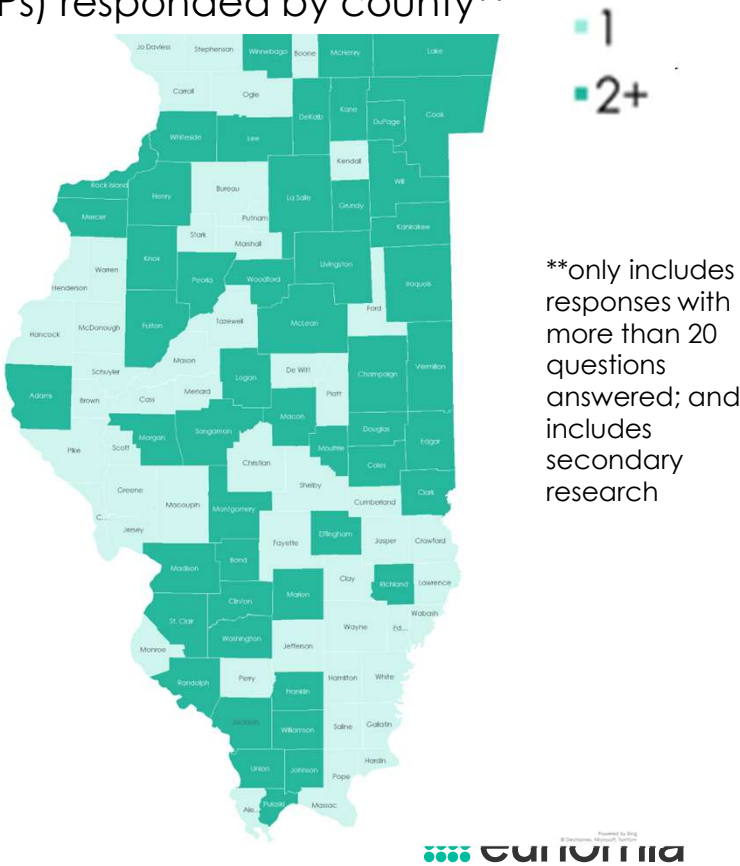
Responses by number of places and municipalities

Key Takeaways:
1) Project team has received responses from municipalities throughout the state.
2) Responses and secondary research have covered at least one municipality in every county.

	Total Number of Responses from Municipalities & 'Places'	Total Number of 'Places'	Percent of Places Represented by Responses*
Urban	91	364	25%
Rural	187	1,166	16%
Total	278	1,530	18%

*Percent is places who responded with more than 20 questions answered divided by all places in Illinois; includes secondary research.

Number of Places (municipalities, CDPs) responded by county**



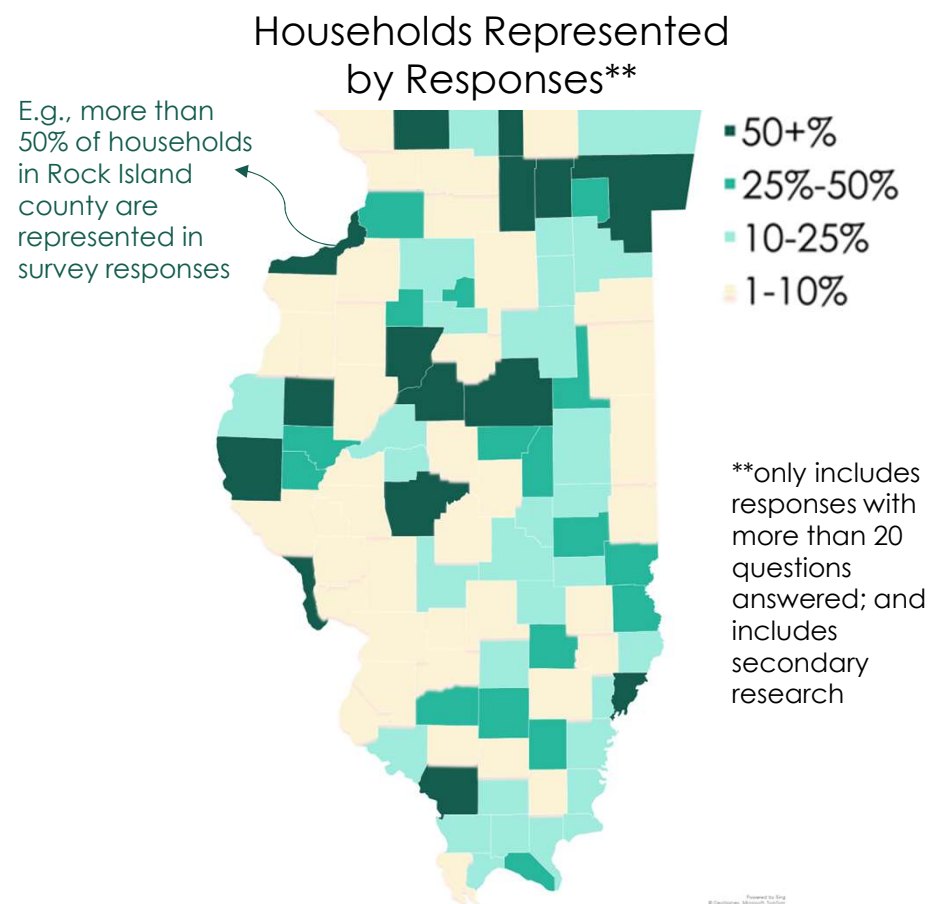
Responses by number of households

Key takeaways:

- 1) Responses distributed throughout state, not concentrated in one region.
- 2) Representation from both urban and rural areas, as well as open market, subscription, and self-haul areas.
- 3) Nearly half of households in state represented by survey responses.

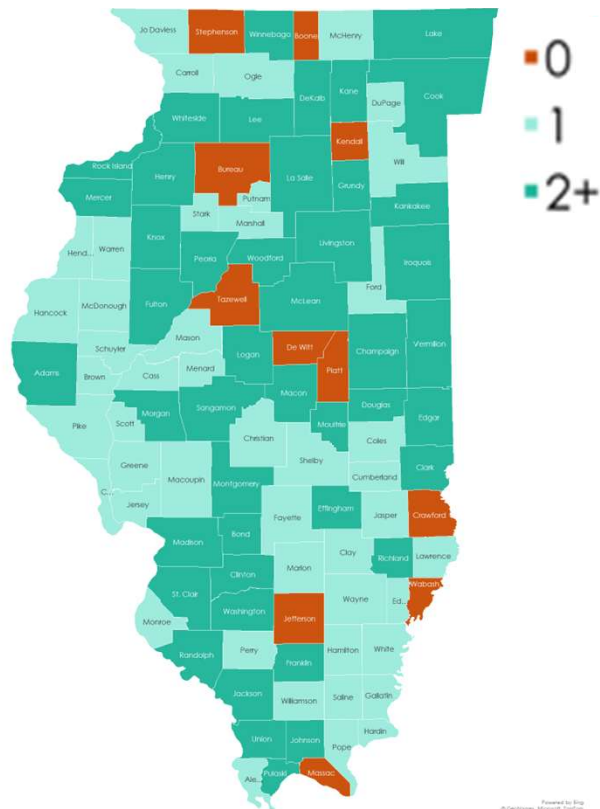
	Total Number of HHs with survey responses in Municipalities & 'Places'	Total Number of HHs in 'Places'	Percent of Households Represented by Responses*
Urban	2,100,941	3,965,989	53%
Rural	91,729	469,800	20%
Total	2,192,670	4,435,789	49%

*Percent is number households in counties which are represented in responses divided by total number of households in those counties

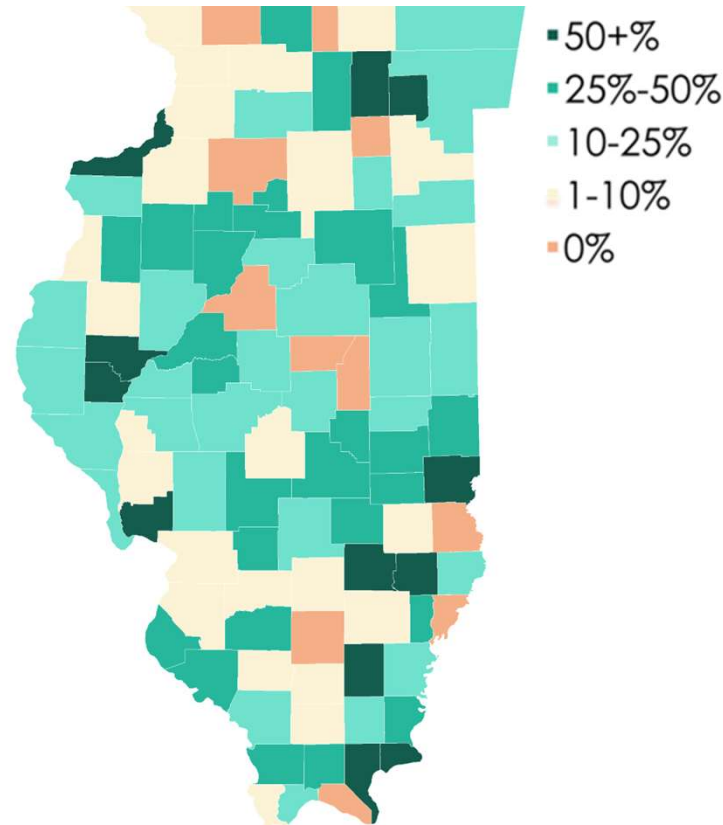


Rural Representation (# of responses and households covered)

Rural Responses – number of rural places responses



Rural Households
Represented by Responses*



Key takeaways:

- 1) Most counties have at least one rural municipality response
- 2) Rural households represented throughout state

*number of rural households in counties which are represented in responses divided by total number of rural households in those counties. Includes secondary research.



Plan for Gap Filling

Steps to Fill Data Gaps

The goal is to obtain primary data from at least one municipality in each county, and fill persisting data gaps with the anonymized and aggregated hauler data and proxy data where necessary.

Secondary Research

Secondary research (i.e., city and town websites) was completed to fill gaps in access data for the 17 counties with no useful survey responses.

Additional Outreach

The project team conducted additional outreach (emails, phone calls) in coordination with IRF and is coordinating with IML to explore additional outreach opportunities.

Hauler Survey Info

Information on where haulers operate has been provided through the hauler survey. Where local government data gaps persist after additional outreach, this anonymized hauler information can be used to inform county-level estimates on access to services.

Proxy Data

Last resort will be proxy data; further details on following slide.

Illinois-specific proxy data for non-respondents

For areas which have not responded either through the current survey or the additional outreach, the study team will use proxy data for those areas. Types of proxy data could include where necessary:

1. Percentage of population with access to services
2. Cost of residential collection services
3. Collection volumes per household

The team will match areas with missing data to geographically similar areas within Illinois which did report data, using measurable variables such as:

1. Population size
2. Population density
3. Household composition (single versus multi-family)

Clarifying the use of out-of-state proxy data

Clarification: The project team will NOT be using out-of-state proxy data where there are gaps in local government responses (i.e., to estimate the current access, participation, or performance of Illinois recycling programs).

Out-of-state data *might* be used for other portions of this work, including:

- Estimating the amount of packaging and paper products sold in Illinois (e.g., referencing preliminary producer-reported tonnages per capita in other EPR states from Circular Action Alliance)
- Understanding what recovery rates are achievable when best practices are in place for future state modeling



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About Eunomia

Eunomia is an independent sustainability consultancy driven by a genuine passion to make a positive change to the clients we work with and the communities they operate in. Founded in 2001, we have been pioneers in the sector - early advocates for helping NGOs as well as leading public and private sector organisations in the UK and overseas to adapt their approach and adopt more sustainable processes.

Our consultants are experts in the field, deeply immersed in the subject with the technical knowledge and skill to offer clients innovative, clear and practical recommendations. We are committed to finding solutions to better protect the planet, while supporting the wider aims and needs of our clients.

Each client is treated as an individual, with consultants taking the time to understand their objectives and how best we can support them. This personal service ensures a strong relationship is forged, based on honest and regular communication. It also ensures if these objectives change, there is the flexibility to adapt.

As an established leading independent consultancy, clients can have complete confidence that consultants will offer evidence-led solutions based on robust, impartial thinking that offer both pragmatic and positive outcomes.

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