

Regional Land Use Monitoring Report Data Dashboard

Executive Summary

The Regional Land Use Monitoring Report (LUMR) Data Dashboard was developed to provide users with an opportunity to interact with the LUMR data in a more meaningful way. Users will have more control to query data at the county level, municipal level, or with selected inputs to better inform their end uses. The dashboard is currently populated with ten years of data from 2014-2024. Once data collection for the 2025 LUMR is complete, this will be added to the dashboard setting the process up to be updated every subsequent year. Over time, historical data from 2000 to 2013 will be formatted to the dashboard's standards and included.

G/FLRPC subcontracted with Prospect Hill Consulting out of Buffalo, NY, to create the dashboard by analyzing, formatting, and cleaning the data to be used. ESRI ArcGIS is the platform that powers the LUMR Dashboard. The data is based in Microsoft Excel and is formatted in such a way as to integrate new data into the dashboard without any conflicts. Prospect Hill reviewed ten years of Excel-data from the Regional LUMR survey results and worked to combine all years of data into a single database working through non-response fields from municipalities, value clarification throughout the data, and any other inconsistencies that arose through the process.

Once the data was cleaned, formatted, and imported into the dashboard, various “widgets”, or data displays, were selected for optimal use of the data. Widgets were selected by how useful the visualizations would be and what information they would provide. There are six different sections with various graphs, visualizations, and numbers available under each. The sections include Total Permits, Permits by Year, Residential Units and Permits, Permits by Municipality and Year, Permits by County and Year, and Summary Table for Download. Each section allows the user to toggle between different sub-selections such as total permits, residential permits, non-residential permits, square footage, value, and more. The residential units and permits show average square footage and value across the various single and multi-family sub-categories.

The final product allows users to engage with the data in a meaningful way beyond basic spreadsheets of the data. The dashboard provides outputs that can be used for decision making, planning processes, strategic planning, grant applications, and much more by providing a greater level of access to this longitudinal survey data.

The Data Dashboard can be accessed via the following website:

https://gflrpc.org/program_areas/regional_land_use_dashboard.php