Working with and Contributing to the Urban Observatory

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Working with and Contributing to the Urban Observatory (1834)

- The Value of Comparison
- How Urban Observatory works (content, maps, groups, apps, exhibits)
- Part of Community Data program
- Participate – Use the apps, builds the maps, suggest new maps
- Data Loading Tools demo
- Use the Urban Observatory Compare app template
- Discussion and questions
Viewing these three cities together shows a range of policies at work with regard to highway access to the city center. London has kept high-speed highways at a distance from the city center, relying instead on public transportation and local roads. Sao Paulo allows high speed roads into the city center from several directions, while Boston delivers highway traffic to the core of the city from two surrounding highway rings.
In this map, the Martin Prosperity Institute shows the predominant occupational class in each area of the United States. The occupational classes are summarized for approximately 147 million working Americans, aggregated at the census tract level.

Creative Class workers are paid for their thinking and problem solving skills. Service Class workers are paid to perform routine work directly for, or on behalf of, clients. Working Class workers are paid to maneuver heavy machinery and perform skilled trades. Finally, farmers, fishers, and other primary extractors are paid to extract natural resources from the ground or seas.
When you view the housing density and industrial landuse maps of Hamburg, you see the patterns of residential housing compared to industrial areas where many people work. The highway access map illustrates how these different components of the city are linked via the highway network.
How Urban Observatory Works

- It starts with a set of maps created for your city
  - Created by you using the Urban Observatory Data Loading Tools
  - From a growing collection of “dialtone” map provided by Esri and its partners
- Maps are tagged for Urban Observatory use, e.g. “Urban.Madrid.Movement.Roadspeed”
- Maps are added to a Group in ArcGIS Online
- The Urban Observatory apps are configured to read that group for maps with the appropriate tags.
- The Urban Observatory exhibits are configured to read that group as well.
Examples

• Urban Observatory Compare app

• Urban Observatory Compare app (Candidates group) (login required)

• Urban Observatory for the Museum of Communication for an upcoming event there in Berlin in September.
Participate: Make the maps

- What maps? These maps...
- Download the Urban Observatory Data Loading Tools
- Takes about 15-30 minutes per map
- Please view this short "how to" video to see how easy it is to make the maps.
- Have an idea for a map? Talk to us!
Build your own Urban Observatory

- create a group
- add maps to the group
- Share to a Gallery app to use that group’s maps.
Choose the Urban Observatory Comparison app*

- *Contact Jim Herries for instructions on how an Administrator in an organization account can add this template to an organization
- Configure the app with the maps and cities you want readers to see first when the map loads.
Thank you…

• Please fill out the session survey (Demo Theatre is paper only):

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