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**National Council for
Geographic Education**

Three for Three

Week 25, Unit 6

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A SUPPLEMENT TO THE WEEKLY APHG BELL RINGERS SERIES

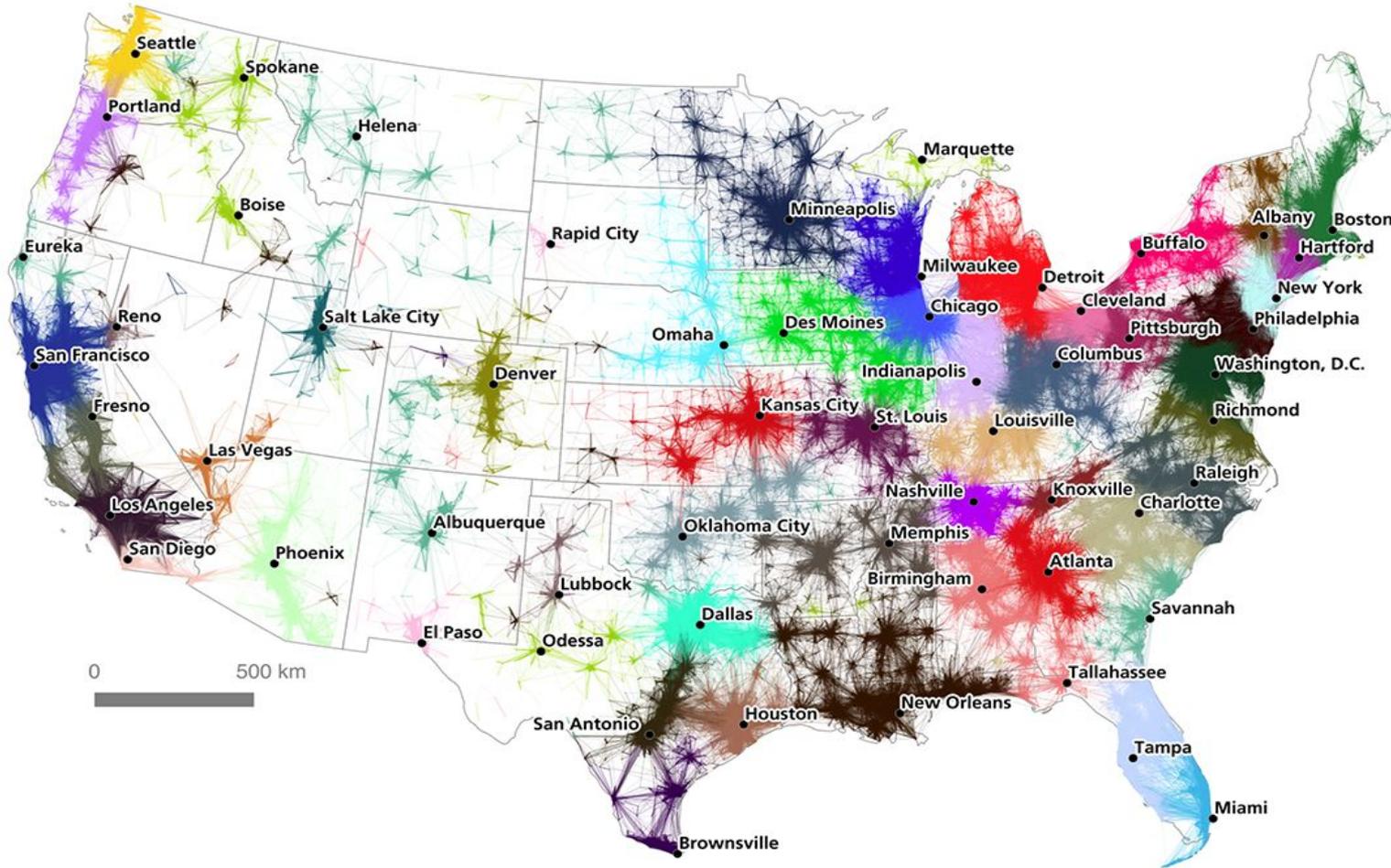
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The Size & Distribution of Cities Topic 6.4



| BRAZIL | CANADA | FRANCE | MEXICO | PAKISTAN | THAILAND |
|------------------------|-------------------|-----------------------|---------------------|--------------------|---------------------------------|
| Sao Paulo 10.66 | Toronto 5.43 | Paris 2.18 | Mexico City 8.85 | Karachi 16.05 | Bangkok 14.57 |
| Rio de Janeiro 5.94 | Montreal 3.51 | Marseilles 839,043 | Ecatepec 1.66 | Lahore 11.13 | Nonthaburi 270,609 |
| Brasilia 2.47 | Vancouver 2.26 | Lyon 472,305 | Guadalajara 1.5 | Faisalabad 3.20 | Nakhon Ratchasima 174,332 |
| Salvador 2.48 | Calgary 1.24 | Toulouse 437,715 | Puebla 1.43 | Rawalpindi 2.1 | Chiang Mai 174,235 |
| Fortaleza 2.32 | Edmonton 1.06 | Nice 347,060 | Juarez 1.32 | Gujranwala 2.03 | Hat Yai 157,467 |

The Size & Distribution of Cities Topic 6.4



1. This map was generated by examining commuter patterns. What type of region is this?
2. How does this map represent gravity model?
3. What spatial pattern do you notice in the distribution of megaregions, and what might explain that pattern?

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Sketch a diagram of central place theory. Be sure to include:

- ★ an outline of the shape used to delineate the boundaries of the *market area*
- ★ the location of the *service*
- ★ a symbol representing *threshold*
- ★ a symbol representing *range*
- ★ short explanations of essential parts of central place theory (italicized above)

IDEAS FOR SLIDES

SLIDE 1 source: Wikipedia, WorldAtlas.com

Use this slide to discuss rank size rule and primate city. Figures are in millions except for cities with populations below one million. Some are clearly one or the other, but others may require greater discussion. A primate city has a disproportionate economic and cultural influence and is often the only city people think of when they think of that country. Have students consider the extent to which these two theories are still relevant. As the world becomes more urbanized, will they become more or less applicable?

SLIDE 2 source: Visualcapitalist.com

Use this slide to review functional regions (1), urbanization patterns at the national scale (2), and the gravity model (3).

SLIDE 3 Students should draw a hexagon for the market area, with the service at the center. A symbol representing people who use the service should be drawn for threshold, and a line indicating the distance from the boundaries of the market area to the service should be drawn for range.



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