



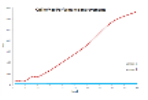
### Speed Improvements

### Application Improvements

- New charting and reporting functions

### Additional Data

- Added data for New Hampshire (2003-2009)
- Added Sex characteristic for 2009
- Switched to 2010 Census Geography



- Switch from Oracle to a combination of PostgreSQL and file-based storage.
- New servers - IBM Blades.
- Healthy diet and exercise.

### OnTheMap Version 6 Release

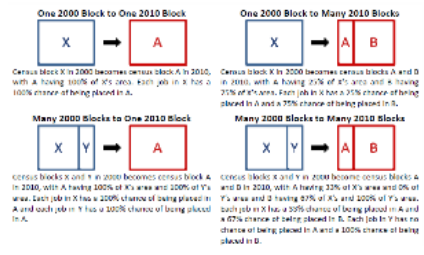
- Speed Improvements
- Additional Data (NH)
- Geography Changes
- Application Improvements

### Upcoming Data Releases

- 2010 Data (Federal, DC)
- 2009 Re-release

### Longer Term Updates

- Quality Statistics
- Improved Synthesizer
- Other data (Firm Age & Size, Self-Employed)



[CES.OnTheMap.Feedback@census.gov](mailto:CES.OnTheMap.Feedback@census.gov)

# **OnTheMap**

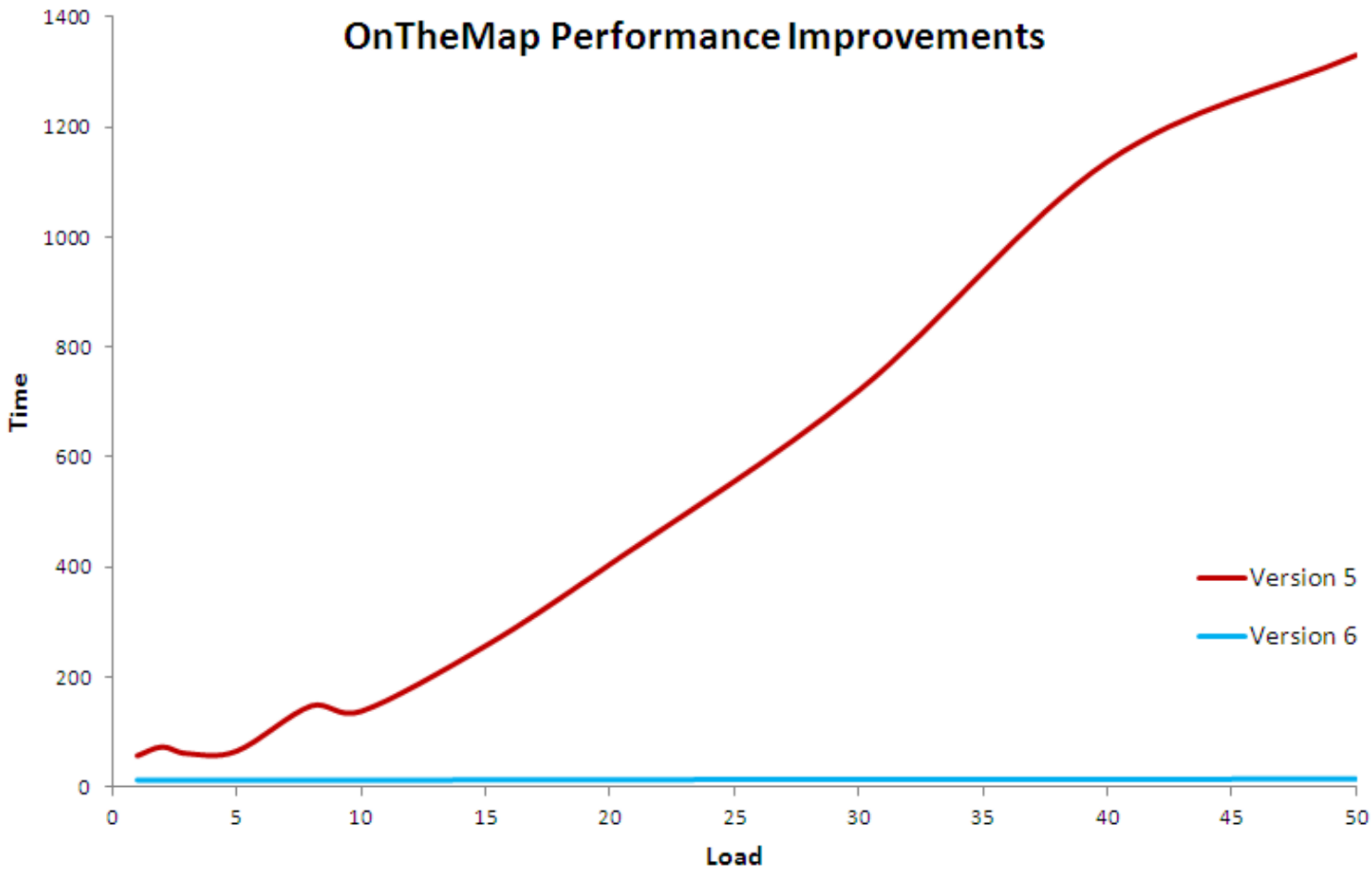
*Updates for 2012*

Matthew Graham  
Geographer  
U.S. Census Bureau

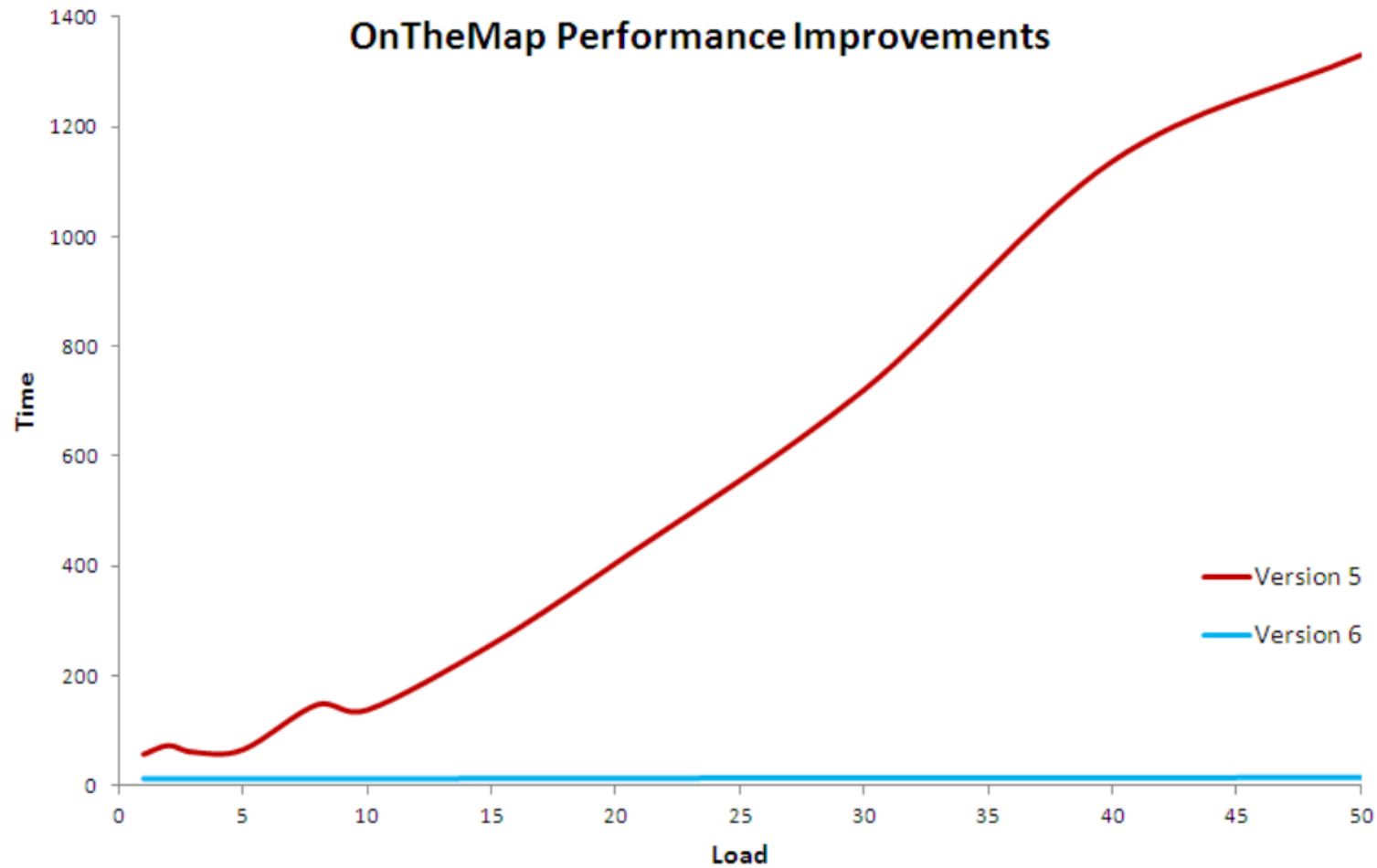
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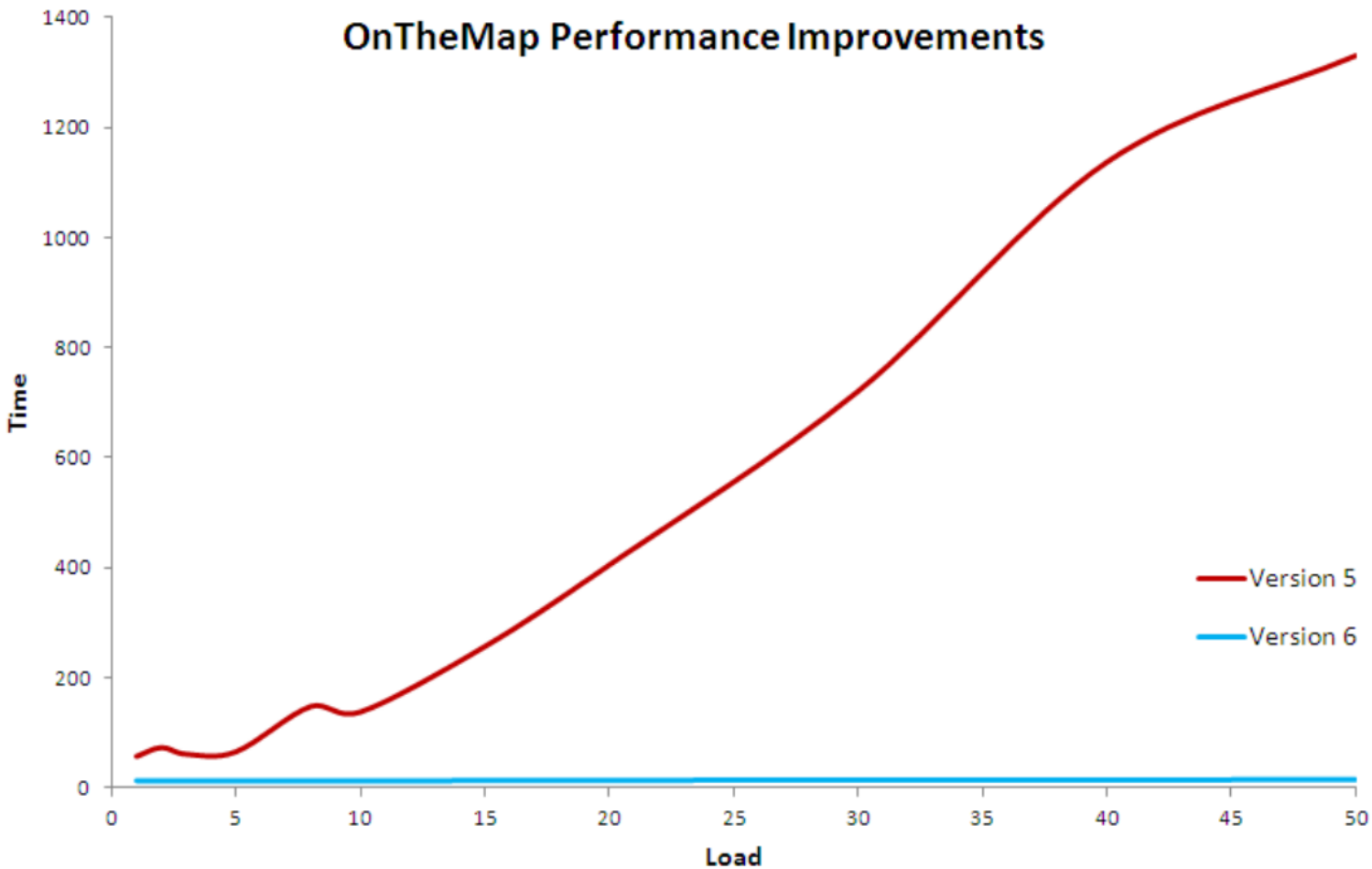
# OnTheMap Performance Improvements



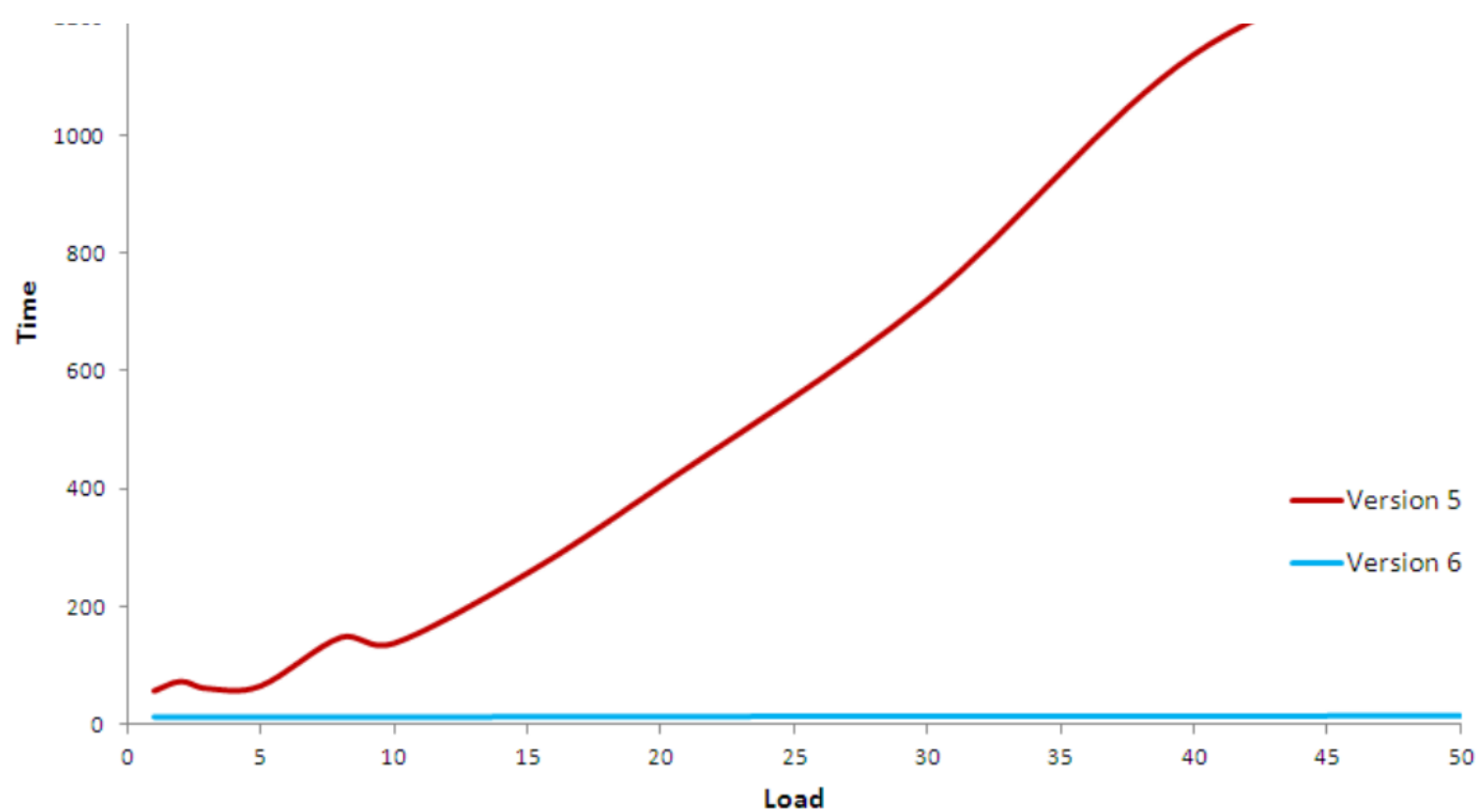
Switch from Oracle to a combination



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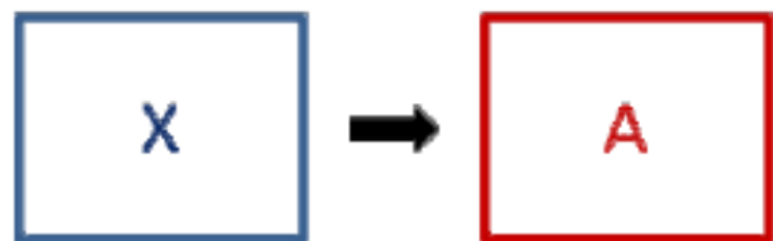
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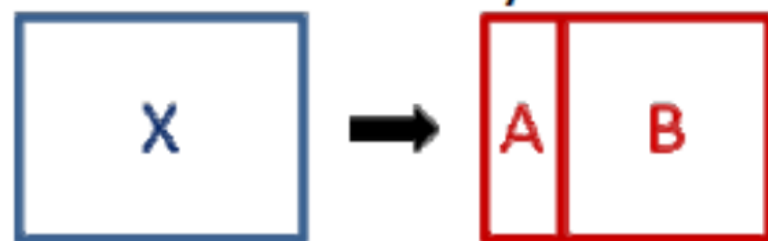
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### One 2000 Block to One 2010 Block



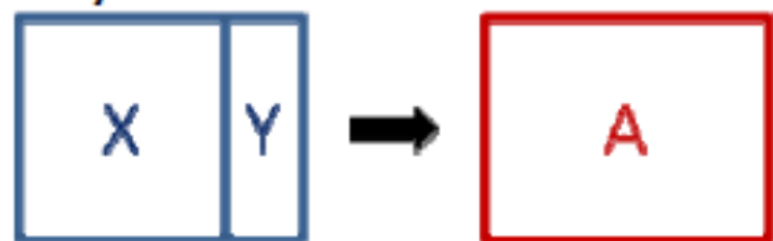
Census block X in 2000 becomes census block A in 2010, with A having 100% of X's area. Each job in X has a 100% chance of being placed in A.

### One 2000 Block to Many 2010 Blocks



Census block X in 2000 becomes census blocks A and B in 2010, with A having 25% of X's area and B having 75% of X's area. Each job in X has a 25% chance of being placed in A and a 75% chance of being placed in B.

### Many 2000 Blocks to One 2010 Block



Census blocks X and Y in 2000 become census block A in 2010, with A having 100% of X's area and 100% of Y's area. Each job in X has a 100% chance of being placed in A and each job in Y has a 100% chance of being placed in A.

### Many 2000 Blocks to Many 2010 Blocks



Census blocks X and Y in 2000 become census blocks A and B in 2010, with A having 33% of X's area and 0% of Y's area and B having 67% of X's and 100% of Y's area. Each job in X has a 33% chance of being placed in A and a 67% chance of being placed in B. Each job in Y has no chance of being placed in A and a 100% chance of being placed in B.

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