MINISTERSTWO INFRASTRUKTURY I ROZWOJU

PARP

POLSKIE TOWARZYSTWO EWALUACYJNE

# XI Konferencja Ewaluacyjna

## Ewaluacja Polityki Spójności
## Rezultaty - Wyzwania - Rozwiązania

Kraków, 28-29 września 2015

NARODOWA STRATEGIA SPÓJNOŚCI
*dla rozwoju Polski*

MINISTERSTWO INFRASTRUKTURY I ROZWOJU

UNIA EUROPEJSKA
EUROPEJSKI FUNDUSZ ROZWOJU REGIONALNEGO

# Data Visualization & Evaluation Utilization

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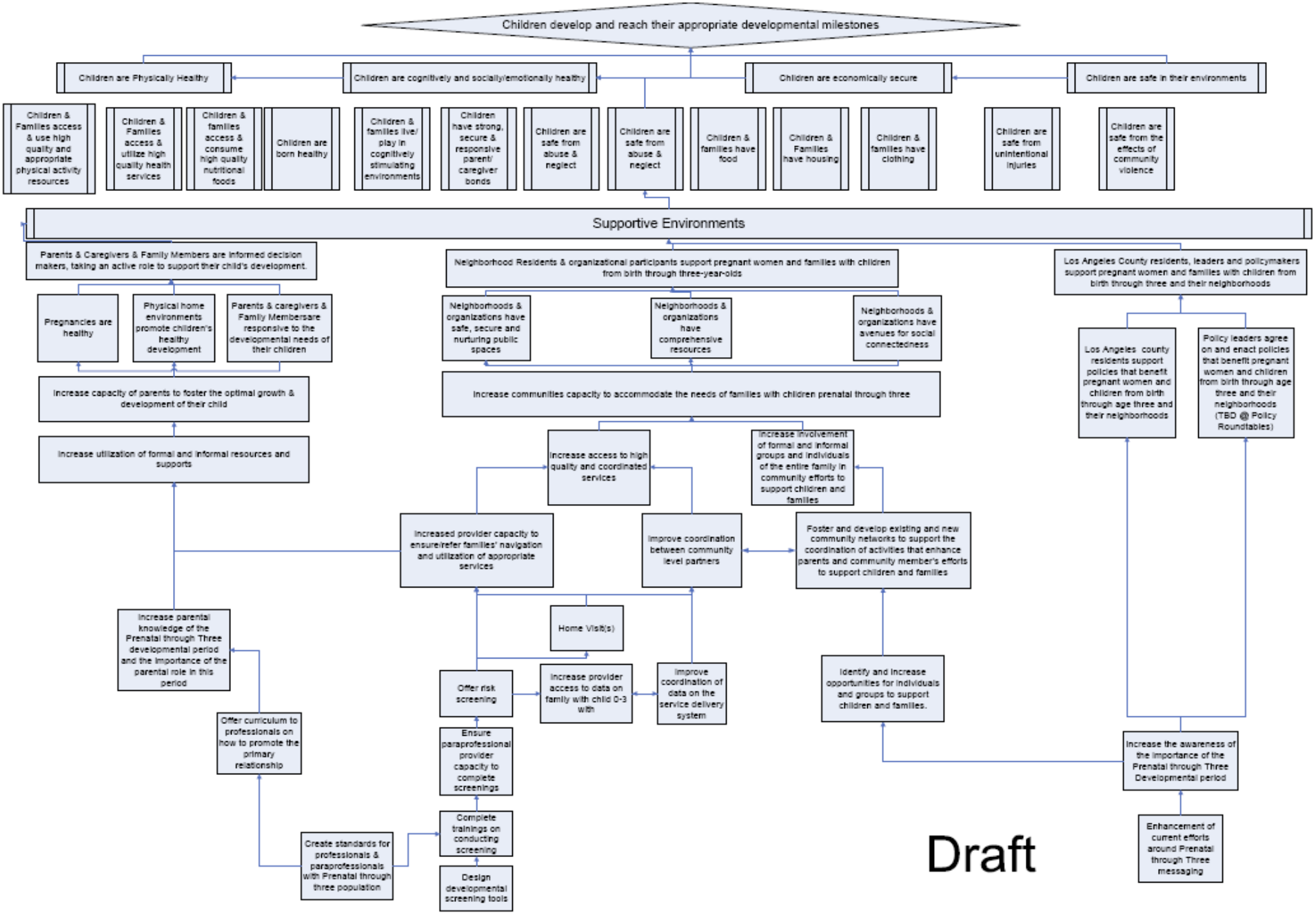
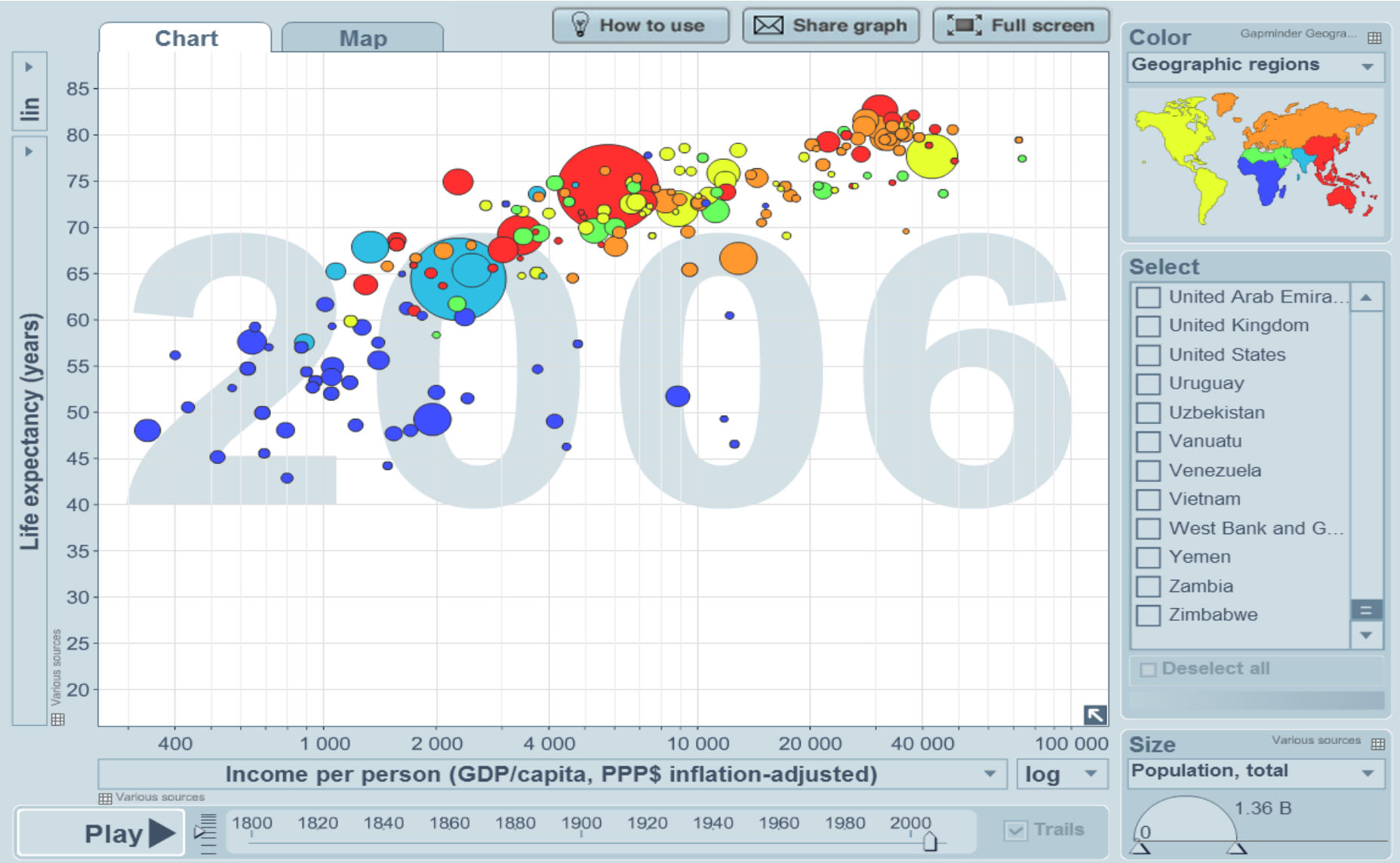
11th Annual International Evaluation Conference
Krakow , Poland

# Priorities

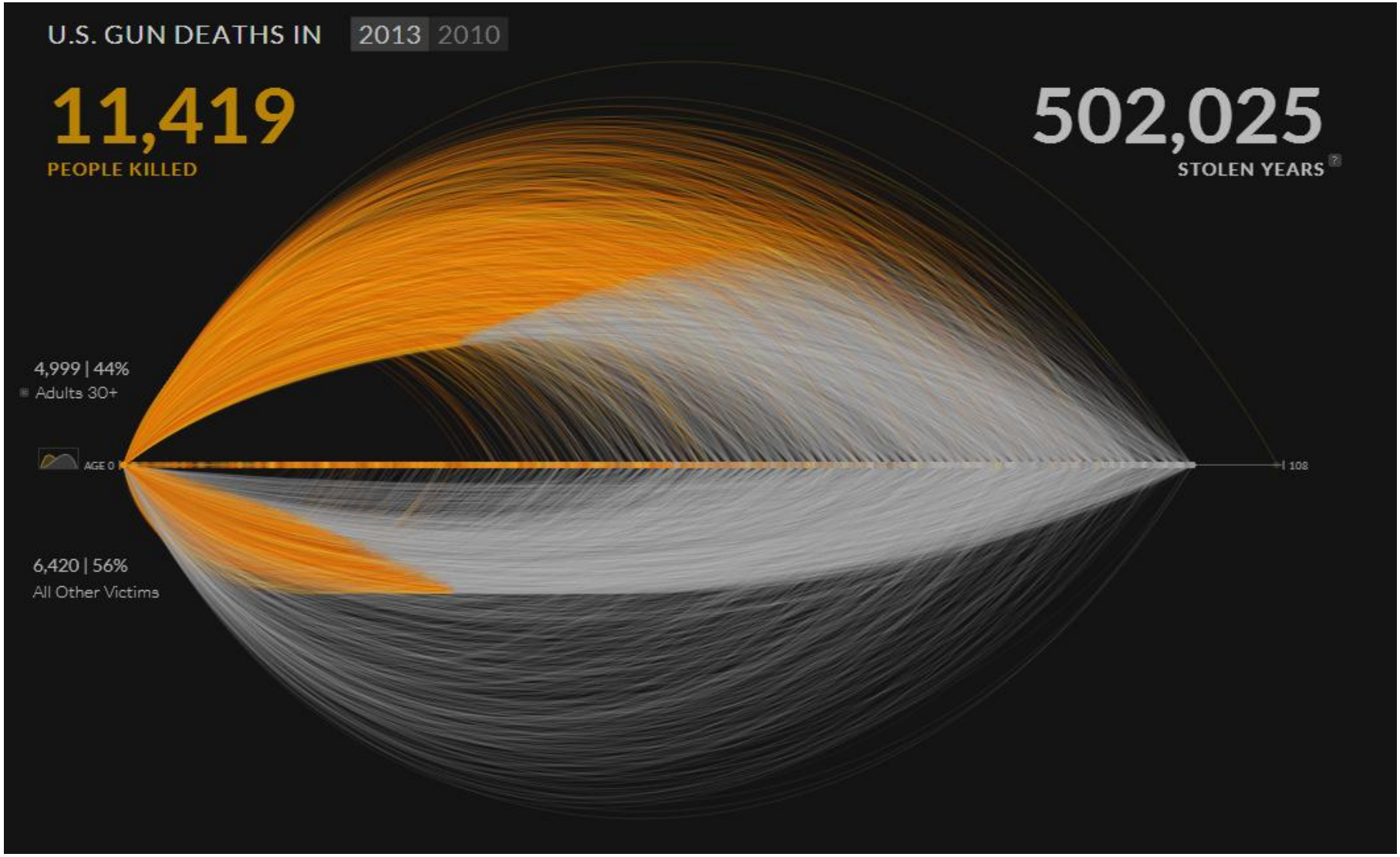
- The key to effective communication and action is setting priorities
- The practice of good data visualization is about setting priorities
- When priorities are established then it strengthens the link between findings and actions.


Children develop and reach their appropriate developmental milestones
Children are Physically Healthy
Children are cognitively and socially/emotionally healthy
Children are economically secure
Children are safe in their environments
Children & Families access & use high quality and appropriate physical activity resources
Children & Families access & utilize high quality health services
Children & families access & consume high quality nutritional foods
Children are born healthy
Children & families live/ play in cognitively stimulating environments
Children have strong, secure & responsive parent/ caregiver bonds
Children are safe from abuse & neglect
Children are safe from abuse & neglect
Children & families have food
Children & Families have housing
Children & families have clothing
Children are safe from unintentional injuries
Children are safe from the effects of community violence
Supportive Environments
Parents & Caregivers & Family Members are informed decision makers, taking an active role to support their child's development.
Pregnancies are healthy
Physical home environments promote children's healthy development
Parents & caregivers & Family Membersare responsive to the developmental needs of their children
Increase capacity of parents to foster the optimal growth & development of their child
Increase utilization of formal and informal resources and supports
Neighborhood Residents & organizational participants support pregnant women and families with children from birth through three-year-olds
Neighborhoods & organizations have safe, secure and nurturing public spaces
Neighborhoods & organizations have comprehensive resources
Neighborhoods & organizations have avenues for social connectedness
Increase communities capacity to accommodate the needs of families with children prenatal through three
Increase access to high quality and coordinated services
Increase involvement of formal and informal groups and individuals of the entire family in community efforts to support children and families
Increased provider capacity to ensure/refer families' navigation and utilization of appropriate services
Improve coordination between community level partners
Foster and develop existing and new community networks to support the coordination of activities that enhance parents and community member's efforts to support children and families
Home Visit(s)
Offer risk screening
Increase provider access to data on family with child 0-3 with
Improve coordination of data on the service delivery system
Ensure paraprofessional provider capacity to complete screenings
Complete trainings on conducting screening
Design developmental screening tools
Increase parental knowledge of the Prenatal through Three developmental period and the importance of the parental role in this period
Offer curriculum to professionals on how to promote the primary relationship
Create standards for professionals & paraprofessionals with Prenatal through three population
Los Angeles County residents, leaders and policymakers support pregnant women and families with children from birth through three and their neighborhoods
Los Angeles county residents support policies that benefit pregnant women and children from birth through age three and their neighborhoods
Policy leaders agree on and enact policies that benefit pregnant women and children from birth through age three and their neighborhoods (TBD @ Policy Roundtables)
Identify and increase opportunities for individuals and groups to support children and families.
Increase the awareness of the importance of the Prenatal through Three Developmental period
Enhancement of current efforts around Prenatal through Three messaging
Draft

# Importance




Source: http://graphs.gapminder.org/world/

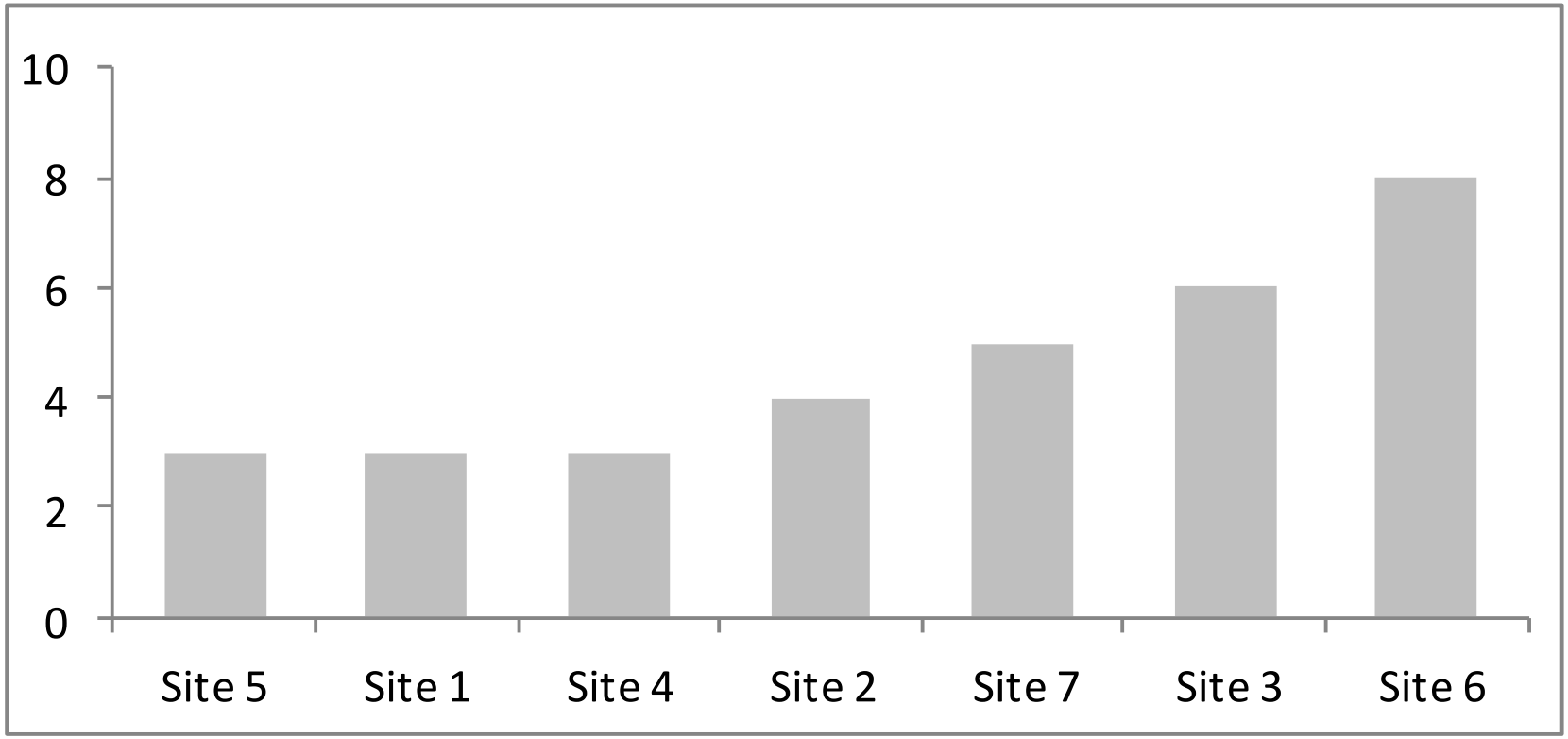



http://guns.periscopic.com/?year=2013

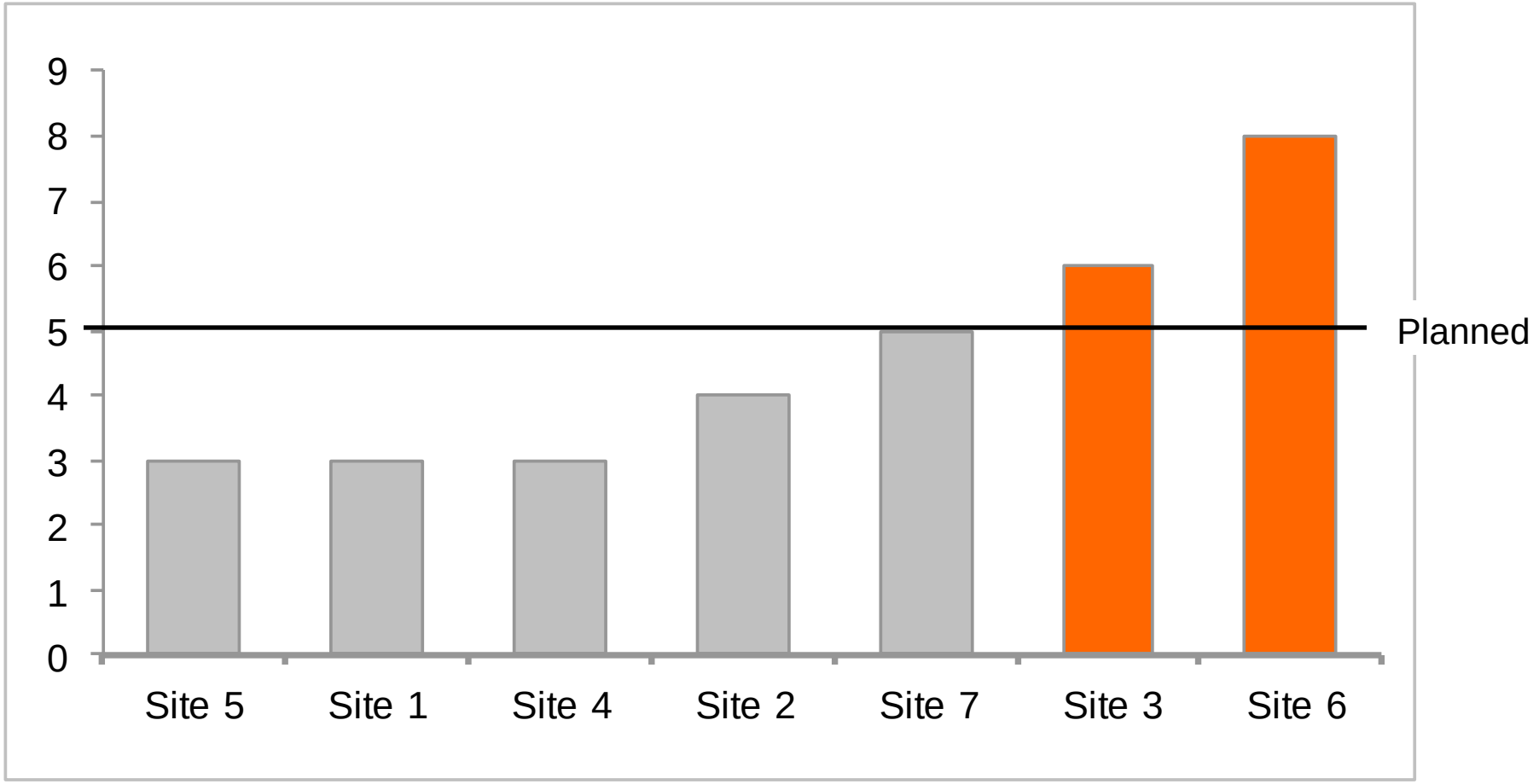
It’s always a challenge to balance adding too much or too little data when visually representing information.

The key is to prioritize your data elements and build a visual tool that reflects these priorities.

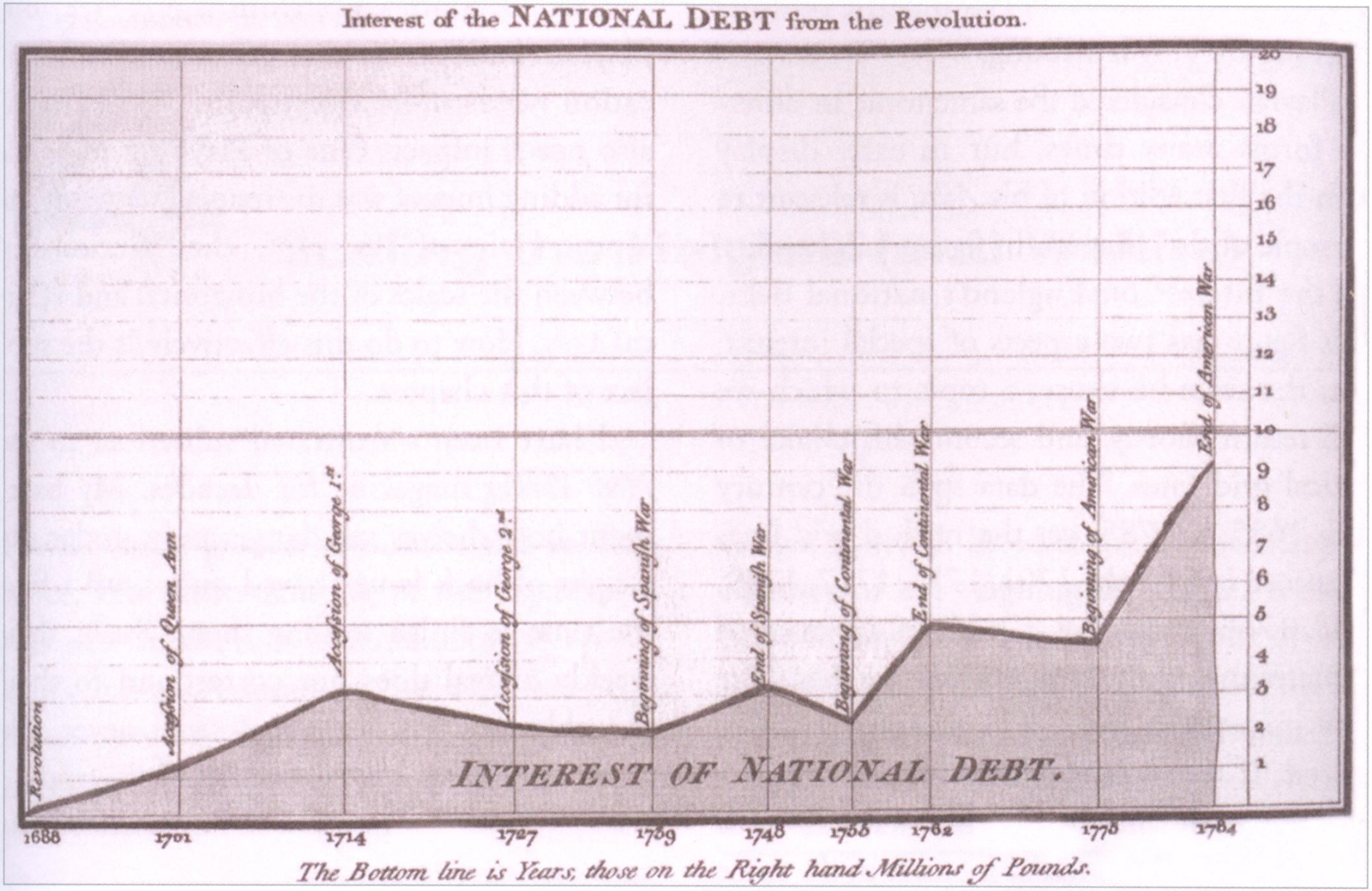
# Where are the visual priorities here?



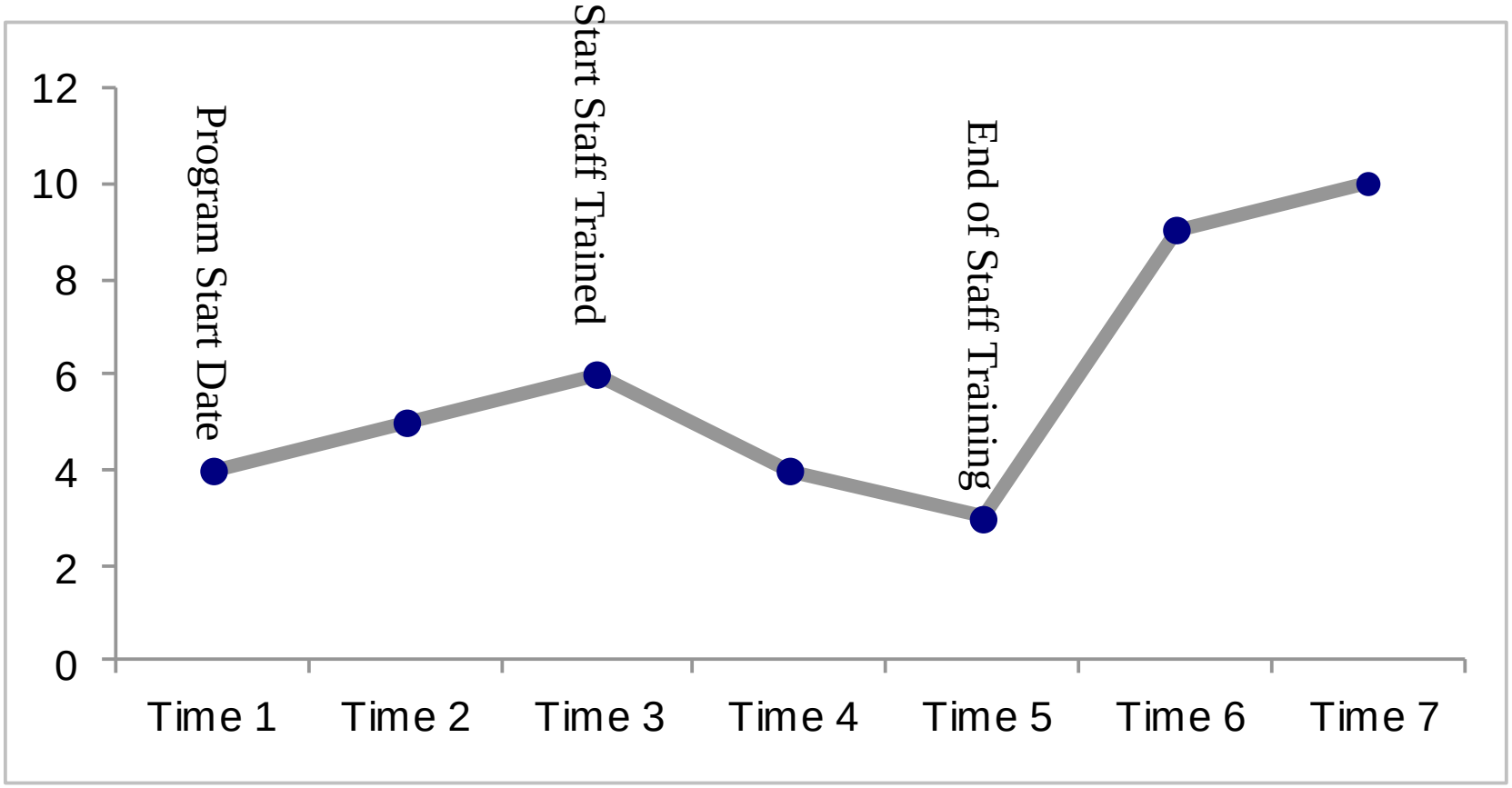
# Where are the visual priorities here?



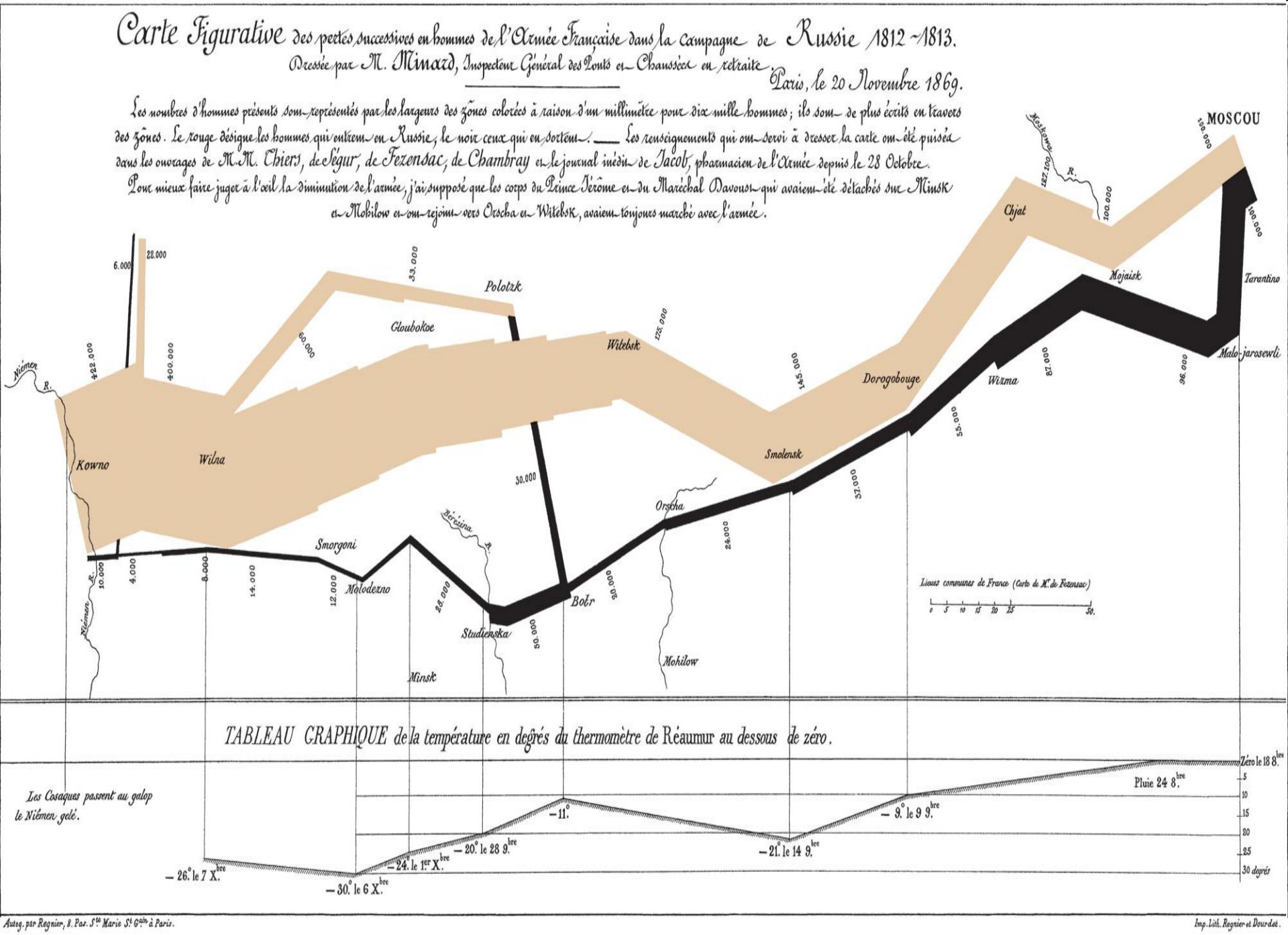

*Enhance the priorities by providing helpful visual guides*



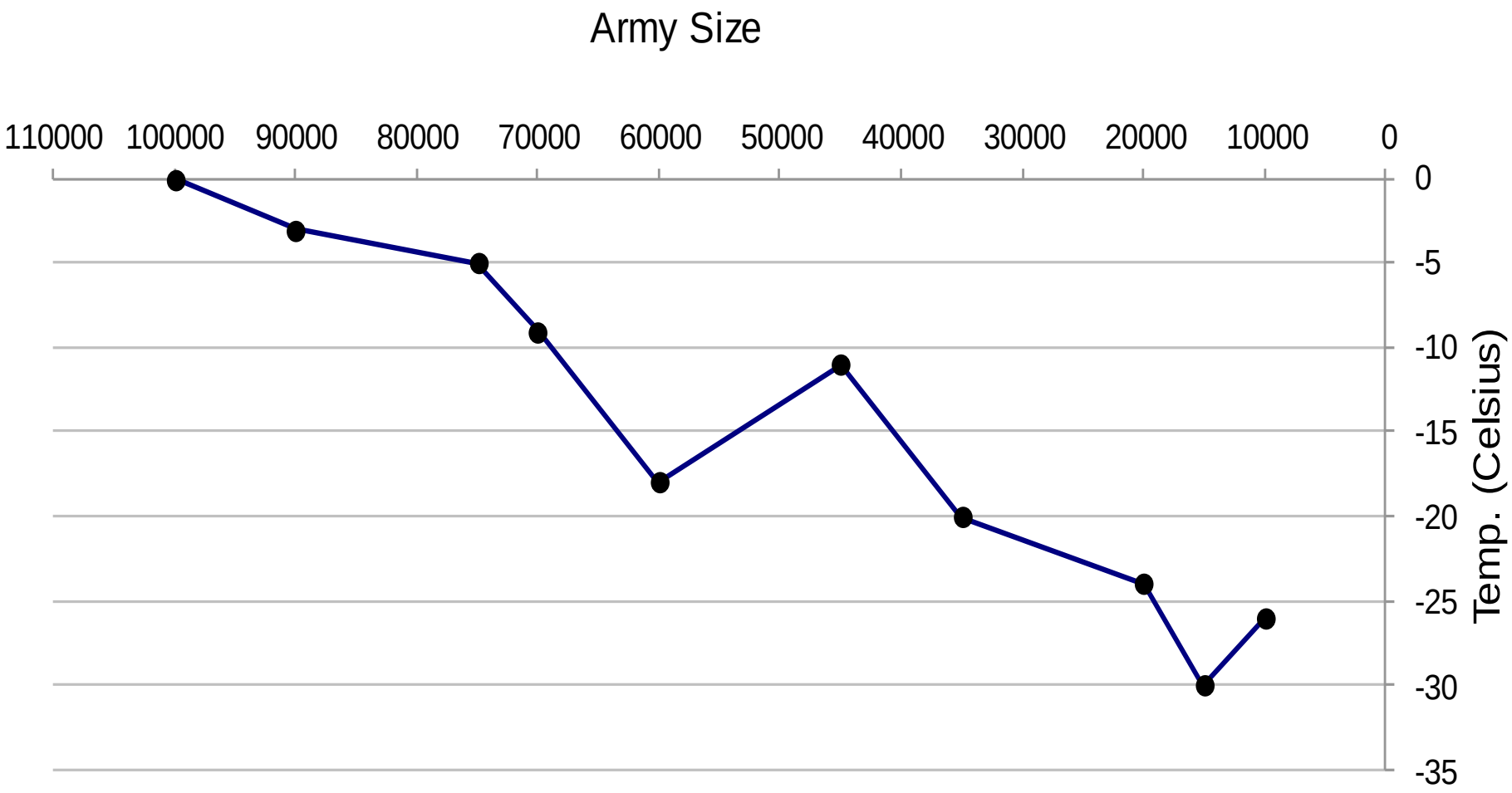

Source: Few, S. (2004). Show Me the Numbers. Oakland, CA: Analytics Press




Adding contextual information

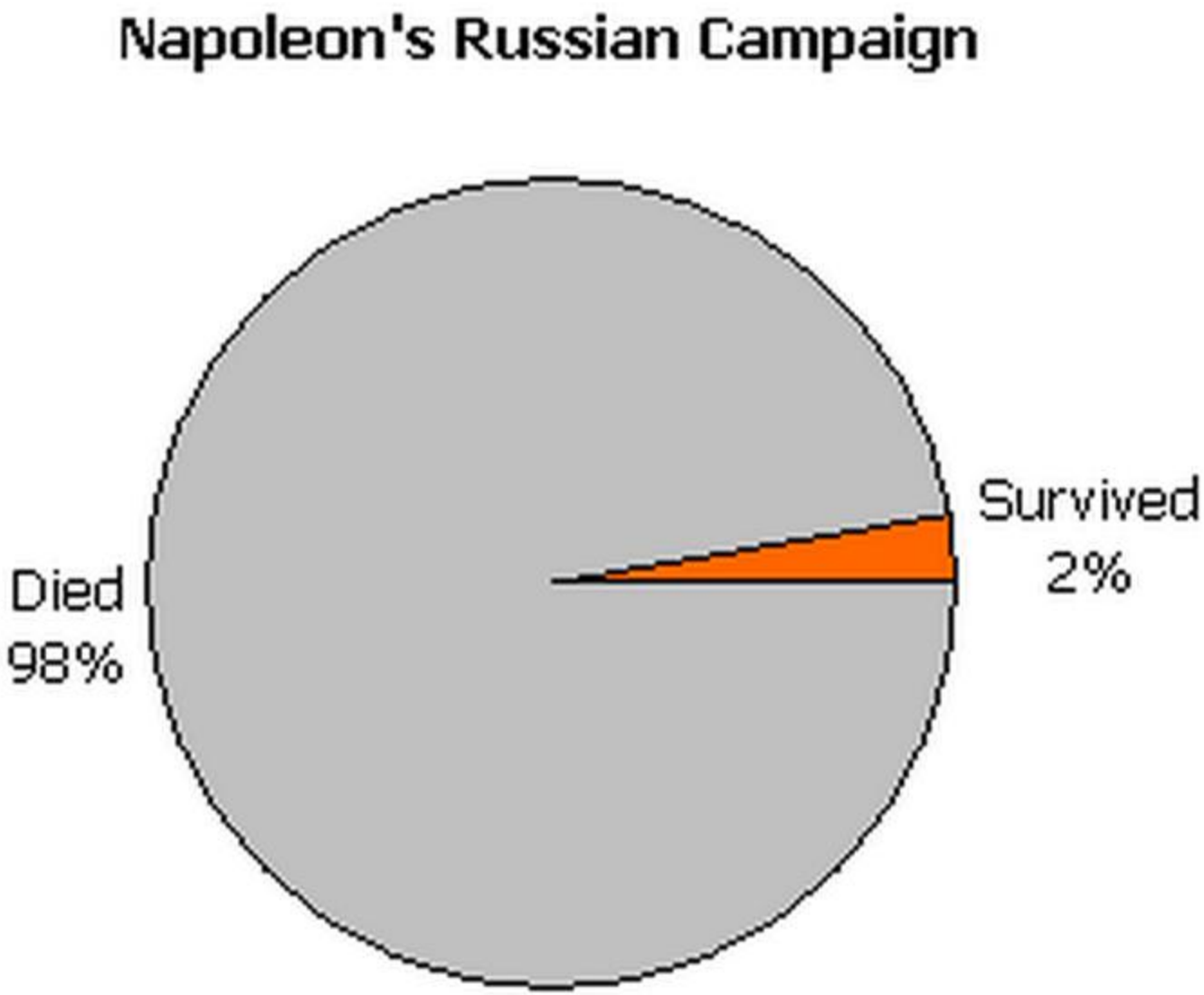


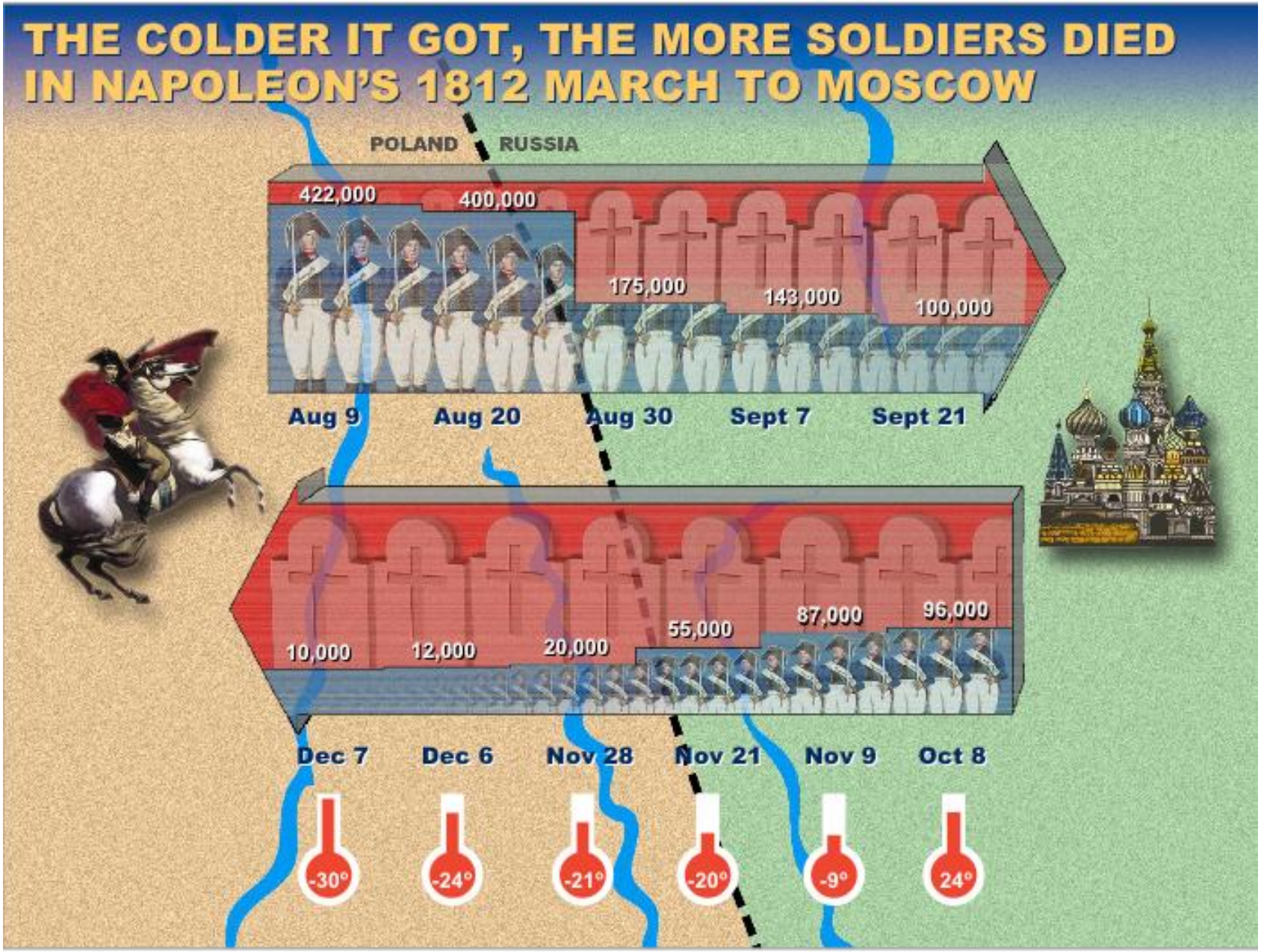

Source: Tufte, E. (2006). *Beautiful Evidence*. Cheshire, CT: Graphics Press.



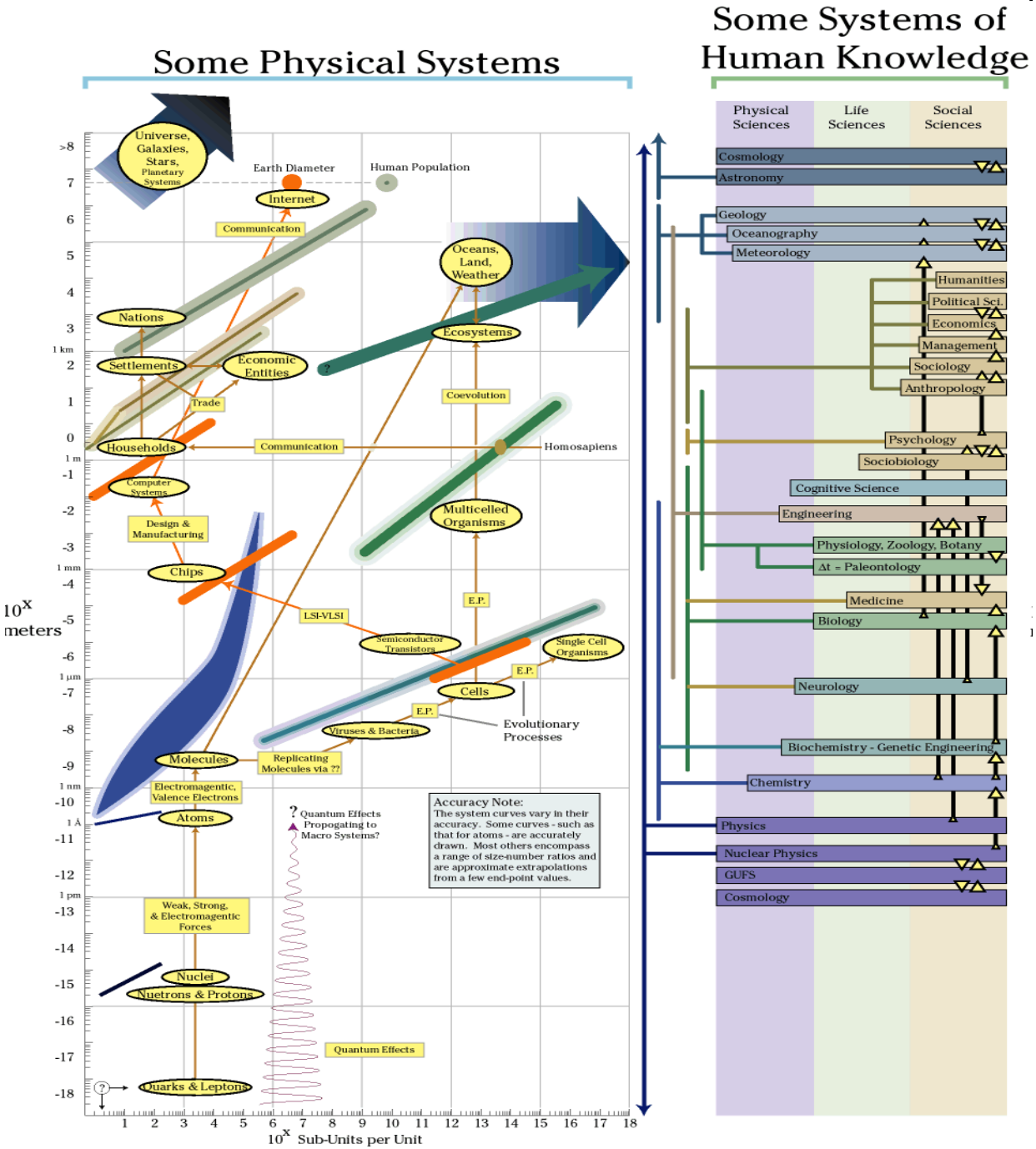

Encoding only two elements

(Army Size & Temperature)

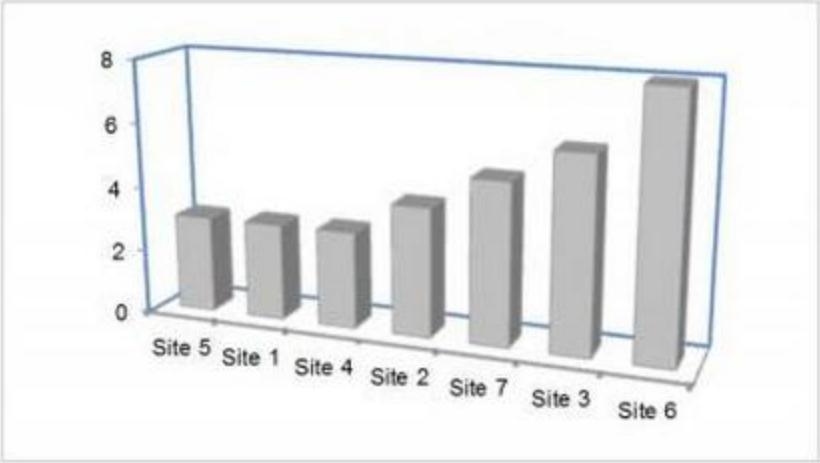

Napoleon's Russian Campaign
Survived
2%
Died
98%

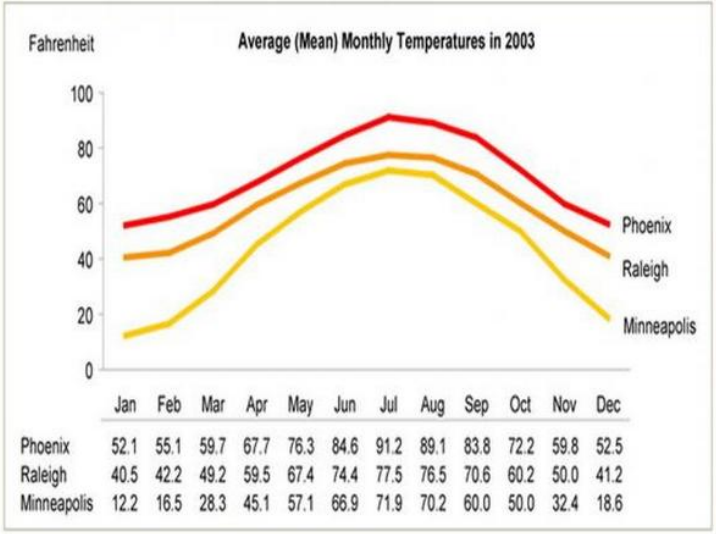

THE COLDER IT GOT, THE MORE SOLDIERS DIED IN NAPOLEON'S 1812 MARCH TO MOSCOW
POLAND
RUSSIA
422,000
400,000
175,000
143,000
100,000
Aug 9
Aug 20
Aug 30
Sept 7
Sept 21
10,000
12,000
20,000
55,000
87,000
96,000
Dec 7
Dec 6
Nov 28
Nov 21
Nov 9
Oct 8
-30°
-24°
-21°
-20°
-9°
24°

Where are the priorities here?

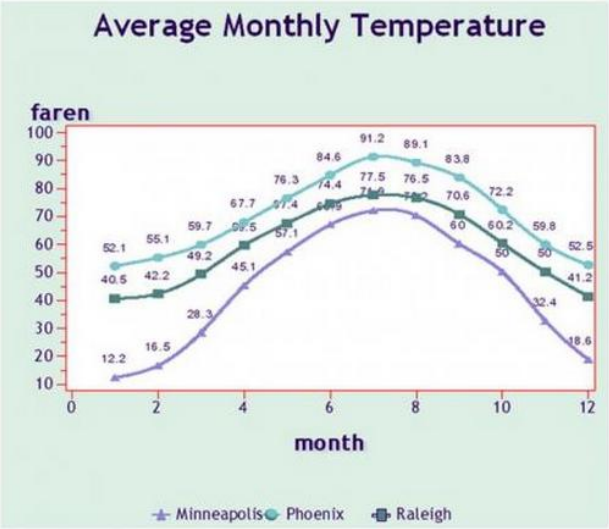


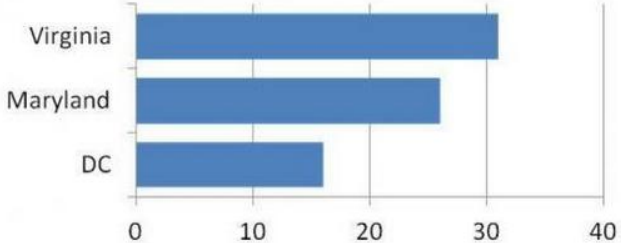

Source: http://necsi.org/projects/mclemens/syshier.gif

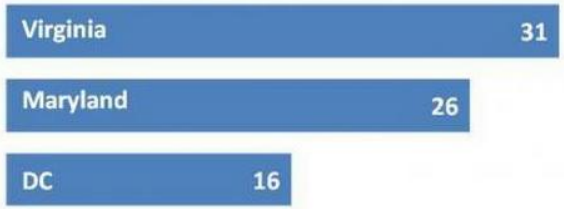


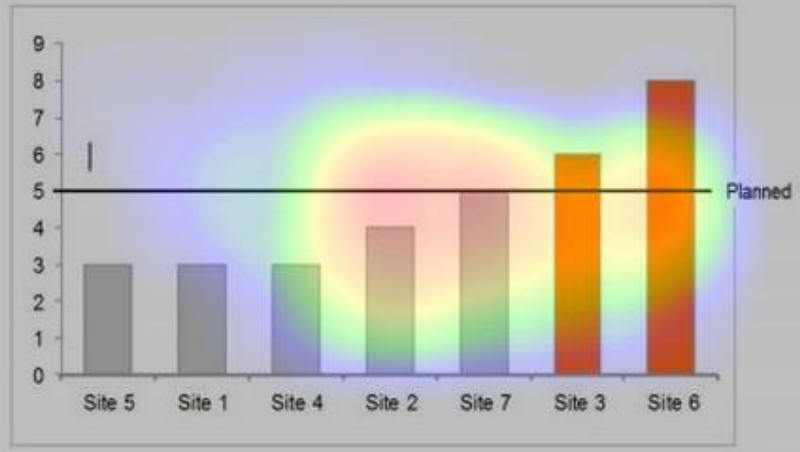



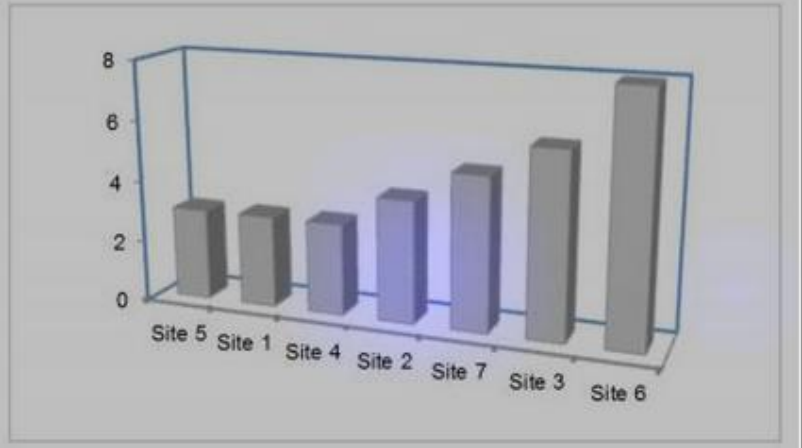

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phoenix | 52.1 | 55.1 | 59.7 | 67.7 | 76.3 | 84.6 | 91.2 | 89.1 | 83.8 | 72.2 | 59.8 | 52.5 |
| Raleigh | 40.5 | 42.2 | 49.2 | 59.5 | 67.4 | 74.4 | 77.5 | 76.5 | 70.6 | 60.2 | 50.0 | 41.2 |
| Minneapolis | 12.2 | 16.5 | 28.3 | 45.1 | 57.1 | 66.9 | 71.9 | 70.2 | 60.0 | 50.0 | 32.4 | 18.6 |

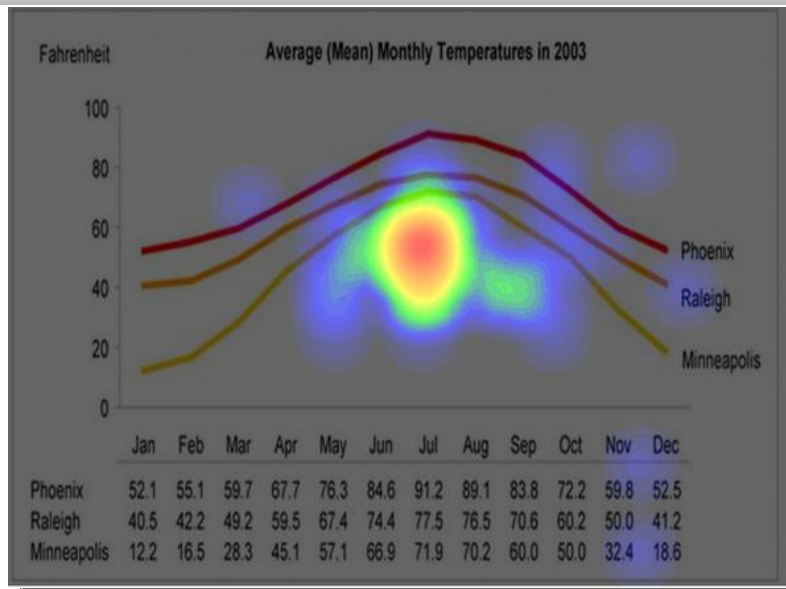


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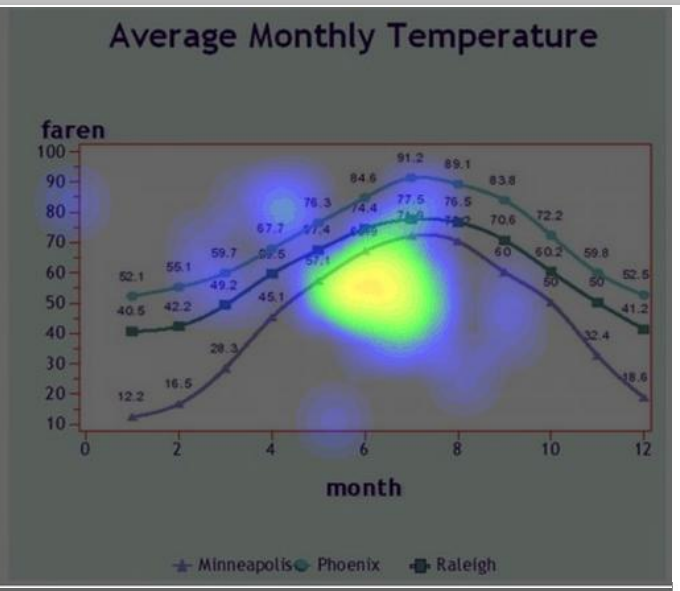


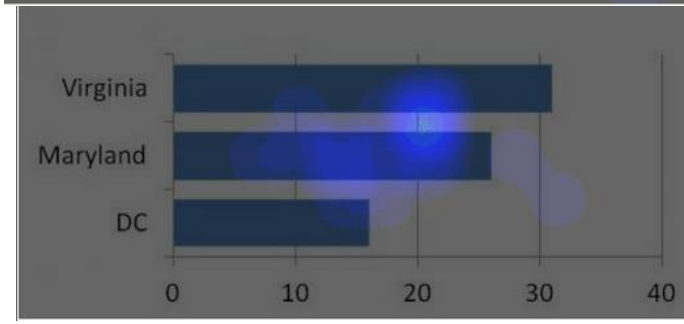


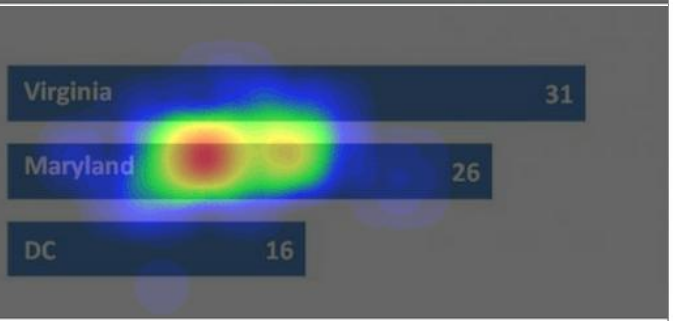

Thank You