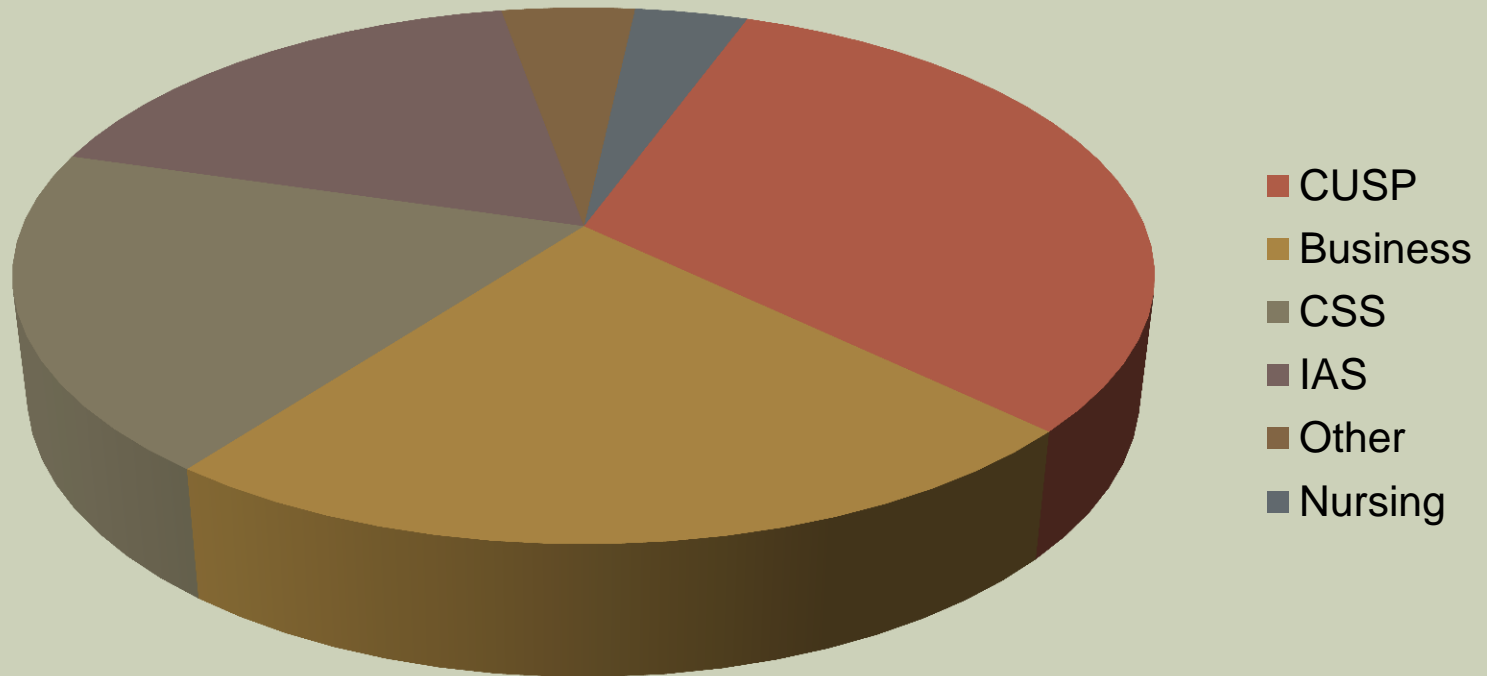


DATA VISUALIZATION

CSS 301
Fall 2012

3-D PIE CHART

QSC Visits by Program, Spring 2008



3-D PIE CHART

Not a Statement Title

QSC Visits by Program, Spring 2008

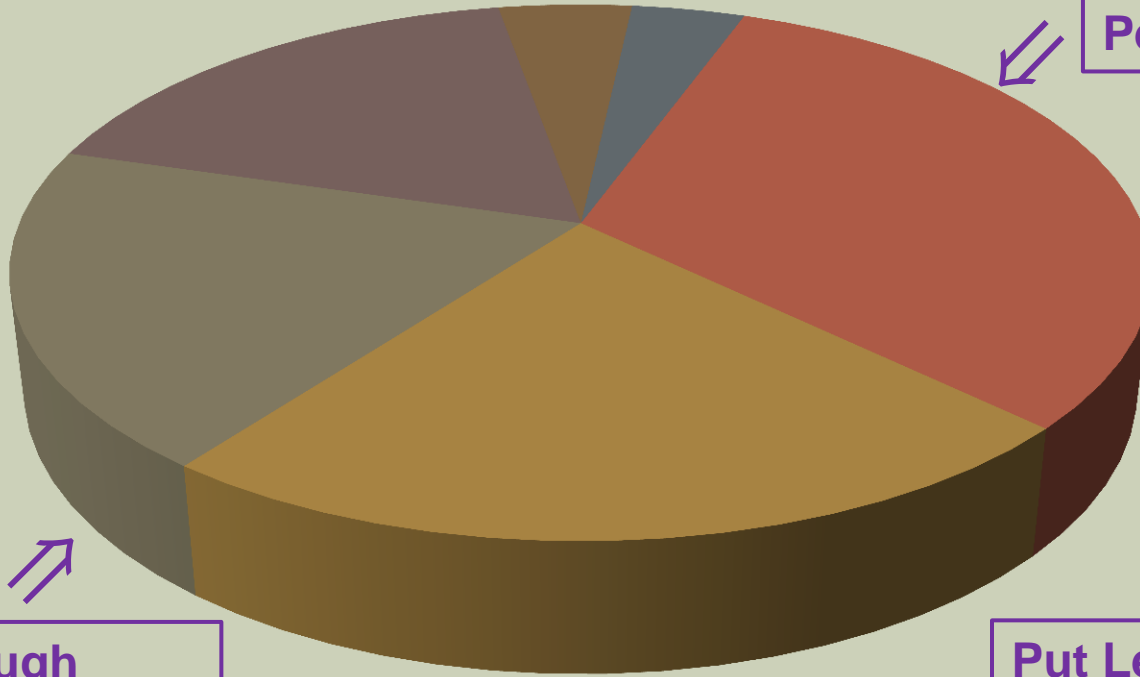
Percentages?

- CUSP
- Business
- CSS
- IAS
- Other
- Nursing

Not Enough
Color Contrast

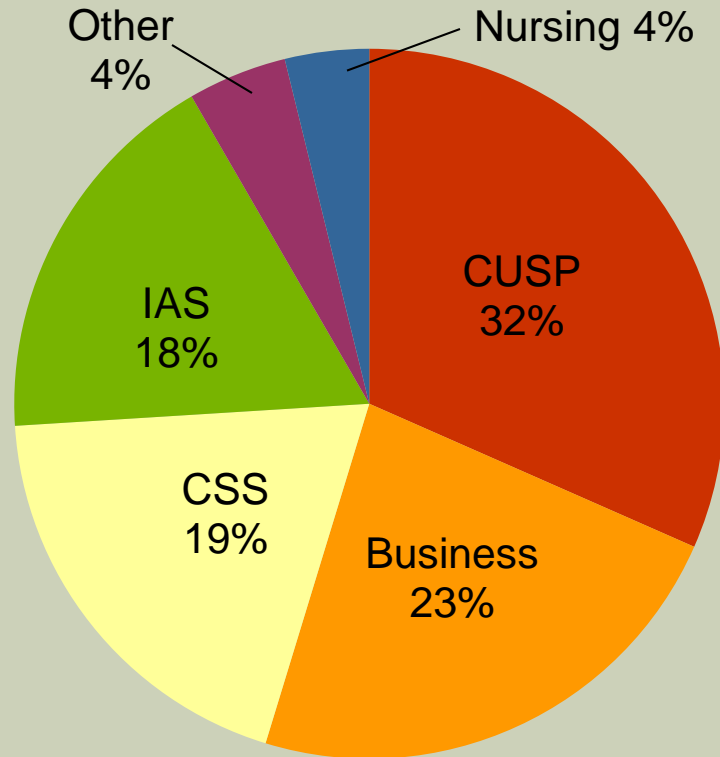
Put Legend Info on Graph

Unnecessary 3D



PROBABLY BETTER LIKE THIS...

CUSP students account for 1/3 of total Quantitative Skills Center Visits



Spring 2008

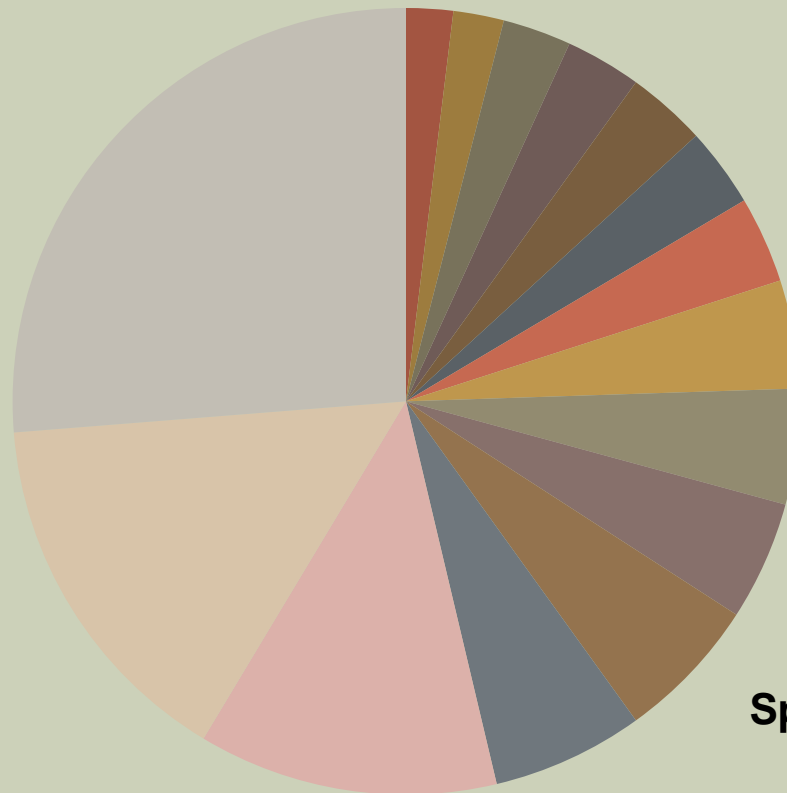
CUSP: Center for University
Studies & Programs

IAS: Interdisciplinary Arts &
Sciences

CSS: Computing and Software
Systems

MULTI-COLORED PIE CHART

**Most students visited the QSC for assistance
with CUSP 124**

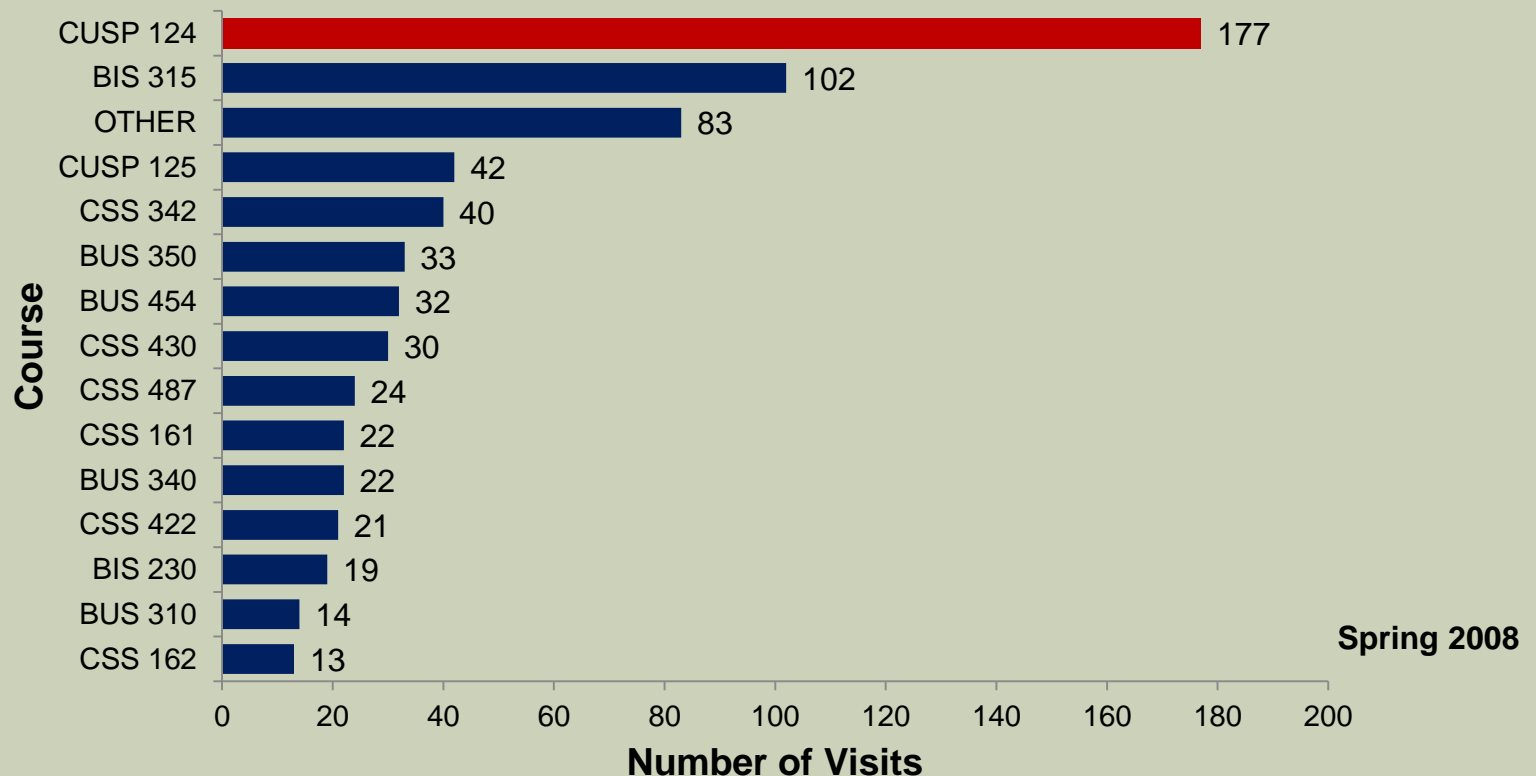


Spring 2008

- CSS 162
- BUS 310
- BIS 230
- CSS 422
- BUS 340
- CSS 161
- CSS 487
- CSS 430
- BUS 454
- BUS 350
- CSS 342
- CUSP 125
- OTHER
- BIS 315
- CUSP 124

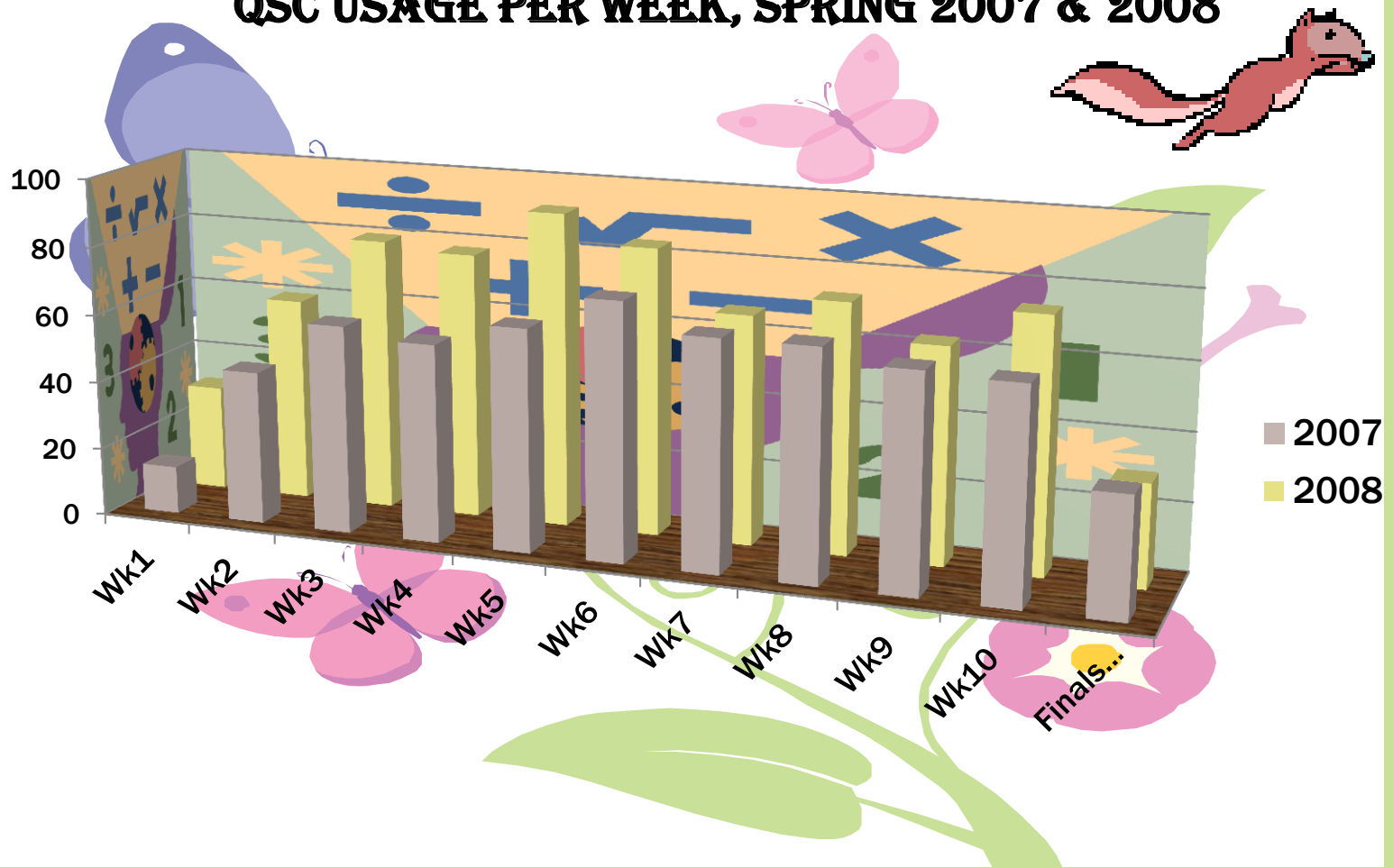
BETTER TO USE A BAR CHART?

More students wanted assistance with CUSP 124 (Calculus I) than any other course in the Quantitative Skills Center



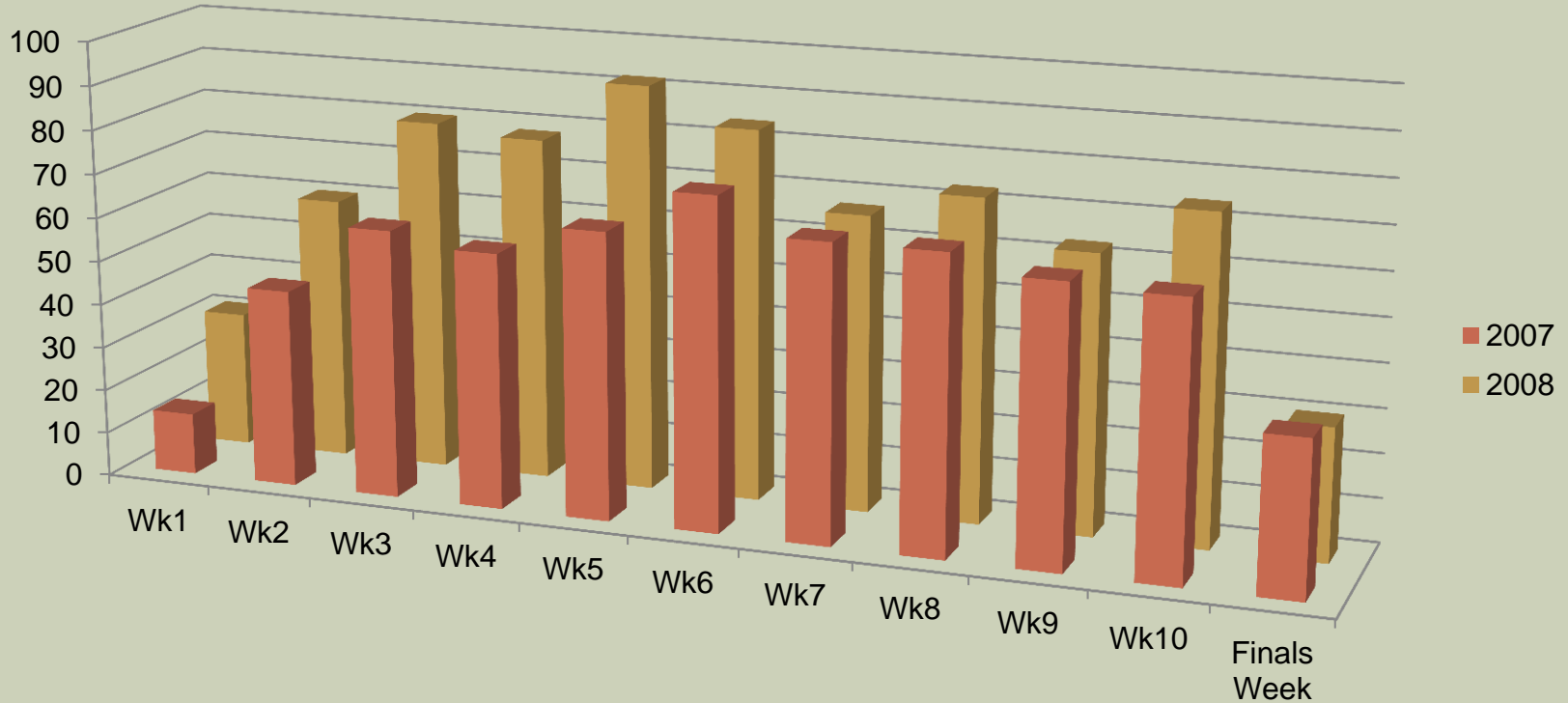
BEING “CREATIVE”

QSC USAGE PER WEEK, SPRING 2007 & 2008



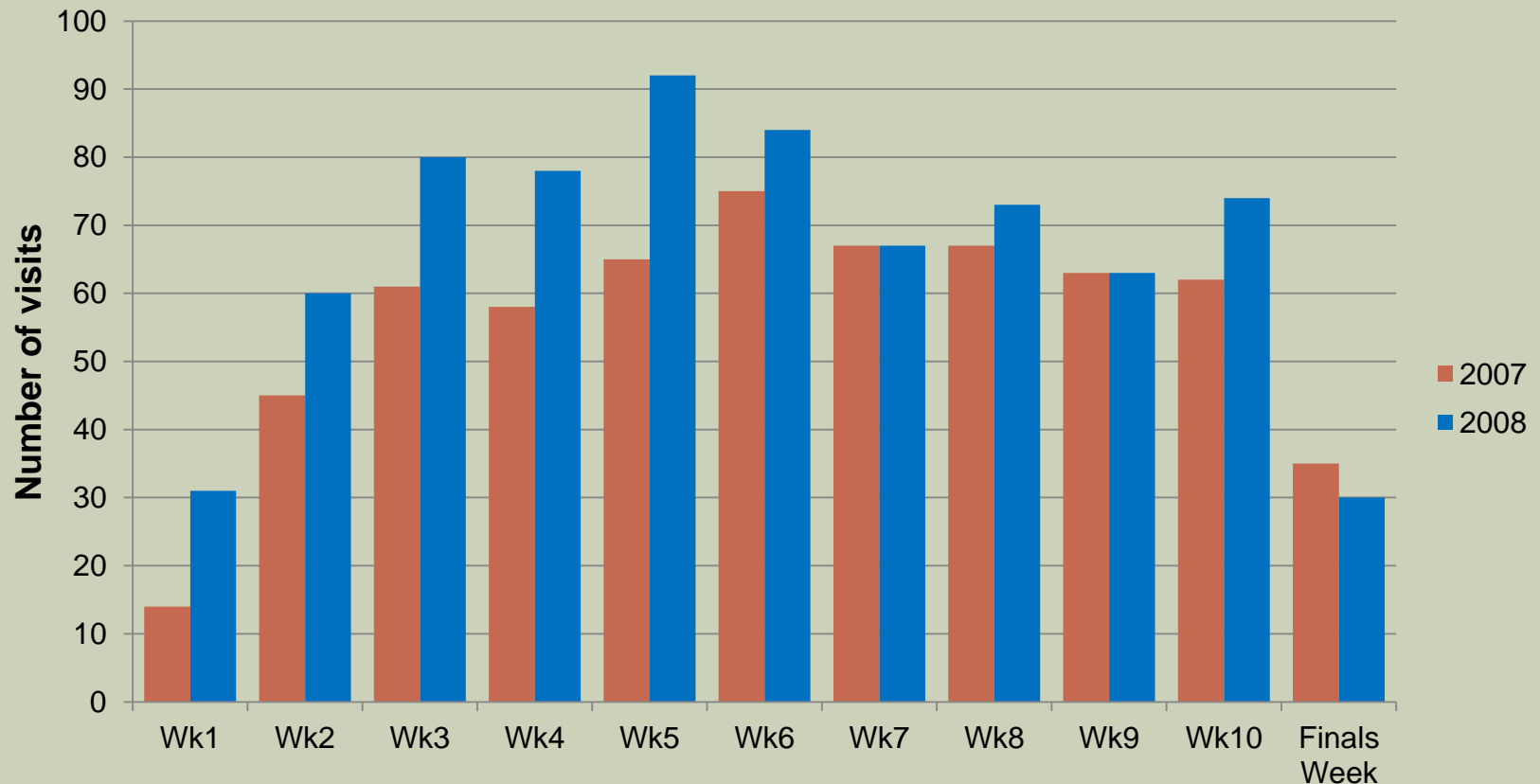
MORE “FUN WITH 3-D”

QSC Usage Per Week, Spring 2007 & 2008



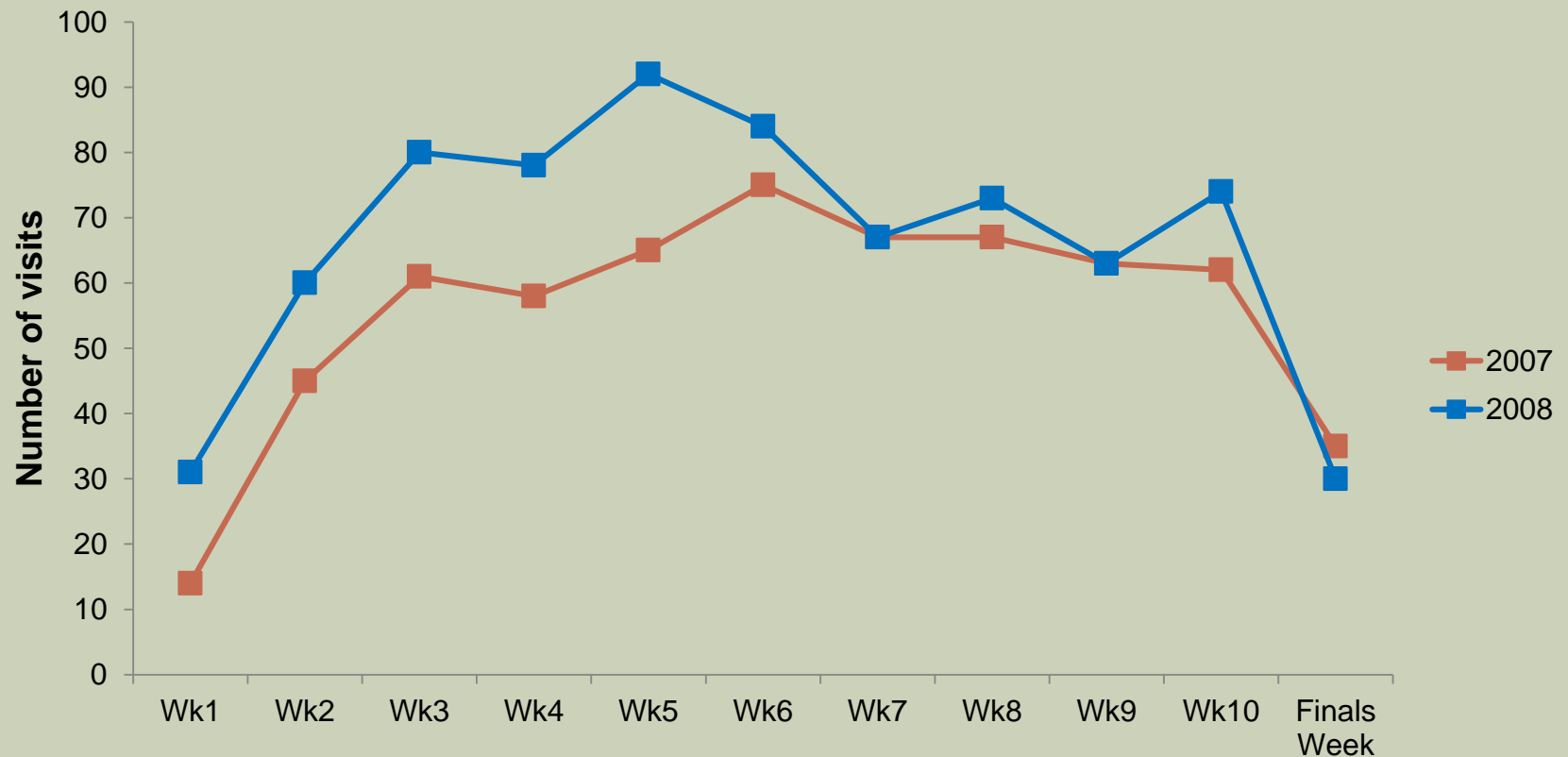
EASIER TO READ...

The Quantitative Skills Center experienced a higher volume of visits in 8 out of 11 weeks in Spring 2008 than Spring 2007



WOULD A LINE CHART BE MORE CLEAR?

The Quantitative Skills Center experienced a higher volume of visits for 8 out of 11 weeks in Spring 2008 than Spring 2007



Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812-1813.

Relevé par M. Minard, Inspecteur Général des Ponts et Chaussées en retraite.

Paris, le 20 Novembre 1869

Les nombres d'hommes perdus sont représentés par les largurs des zones colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en lettres des zones. Le rouge désigne les hommes qui ont péri en Russie; le noir ceux qui en sont sortis. — Les renseignements qui ont servi à dresser la carte ont été puisés dans les ouvrages de M. M. Chiers, de Ségur, de Fozzard, de Chambray et le journal inédit de Jacob, pharmacien de l'Armée depuis le 28 Octobre.

Pour mieux faire juger à quel point la diminution de l'armée; j'ai supposé que les corps du Prince Jérôme et du Maréchal Davout qui avaient été détachés sur Minsk et Mielnik et qui avaient été Occha et Wladik, avaient toujours marché avec l'armée.

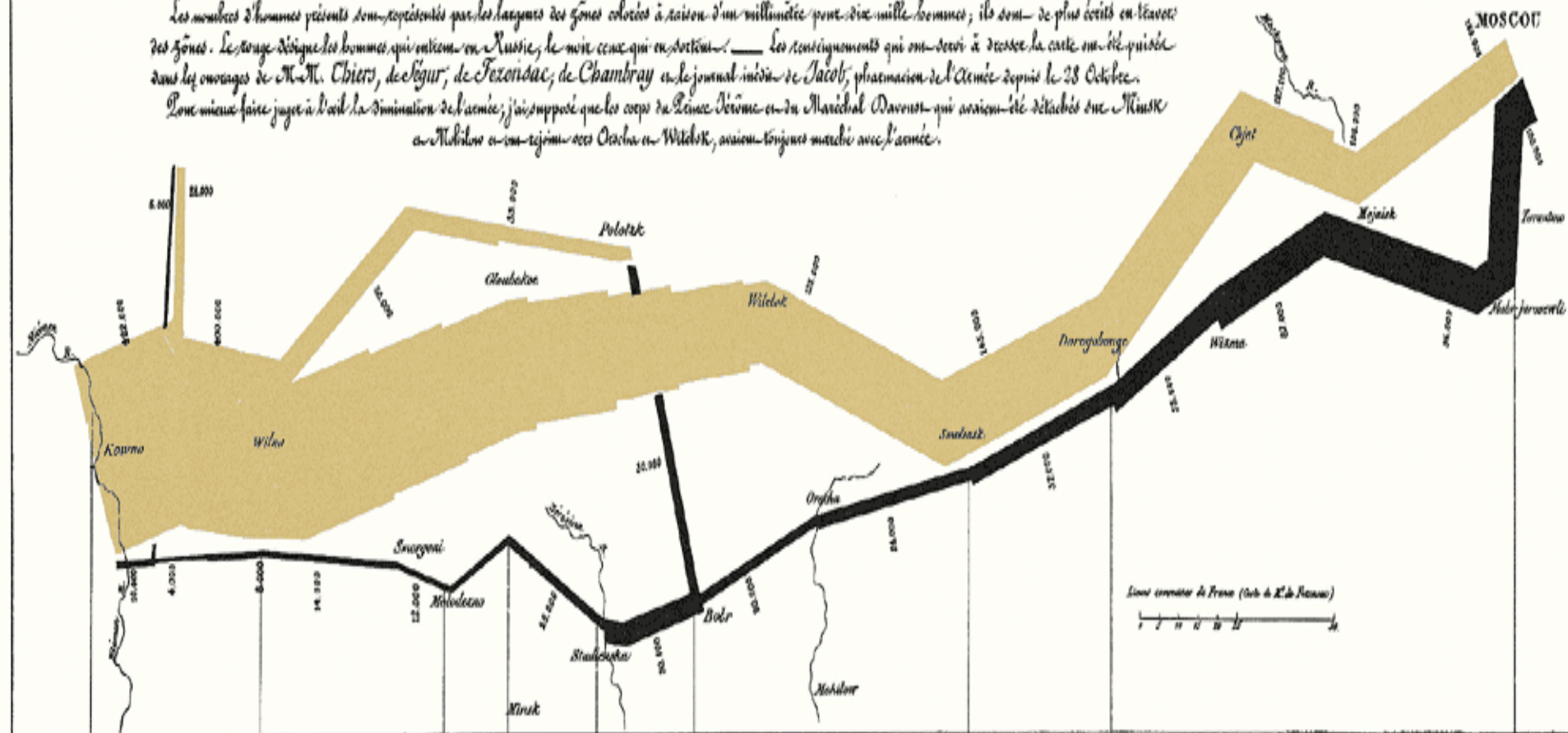
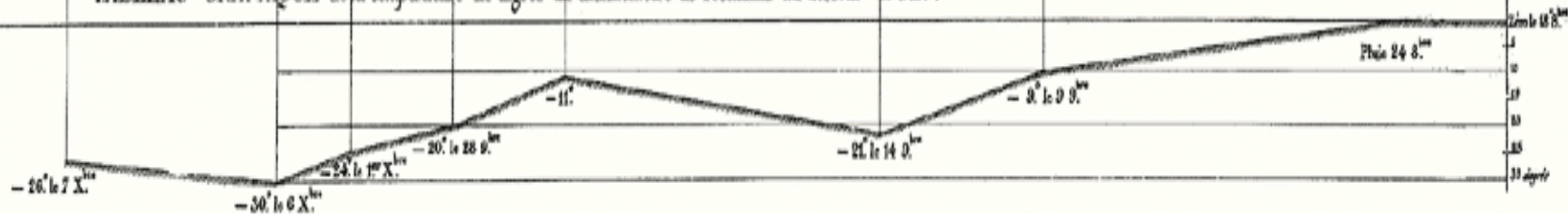


TABLEAU GRAPHIQUE de la température en degrés du thermomètre de Réaumur au dessous de zéro.



Les Cosaques passent au gelé le Nilmen, gelé.

OBESITY TRENDS AMONG U.S. ADULTS

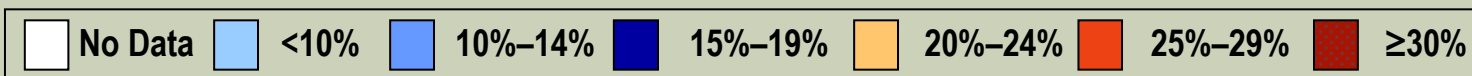
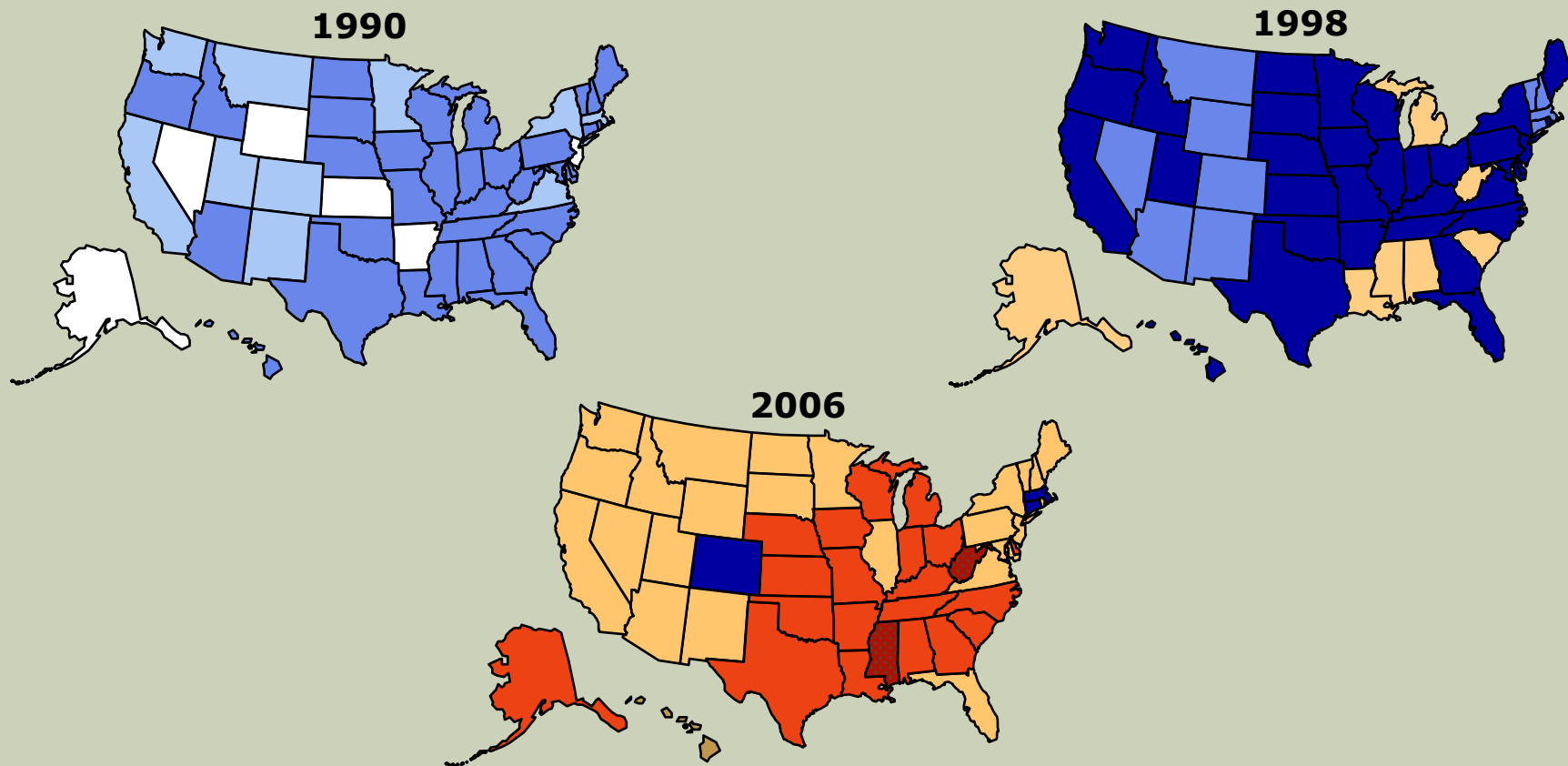
in 1990, 1998, and 2006

- In 1990, among states participating in the Behavioral Risk Factor Surveillance System, 10 states had a prevalence of obesity less than 10% and no states had prevalence equal to or greater than 15%.
- By 1998, no state had prevalence less than 10%, seven states had a prevalence of obesity between 20-24%, and no state had prevalence equal to or greater than 25%.
- In 2006, only four states had a prevalence of obesity less than 20%. Twenty-two states had a prevalence equal or greater than 25%; Two of these states (Mississippi and West Virginia) had a prevalence of obesity equal to or greater than 30%.

Obesity Trends* Among U.S. Adults

BRFSS, 1990, 1998, 2006

(*BMI ≥ 30 , or about 30 lbs. overweight for 5'4" person)



MORE MAPS

- <http://historicalcharts.noaa.gov/historicals/preview/image/CWSLAVE>

CARTOGRAMS

- <http://www-personal.umich.edu/~mejn/cartograms/>