



AN UNDERSTANDING OF INFOGRAPHICS

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STATCAB INFOGRAPHIC
TRAINING COURSE

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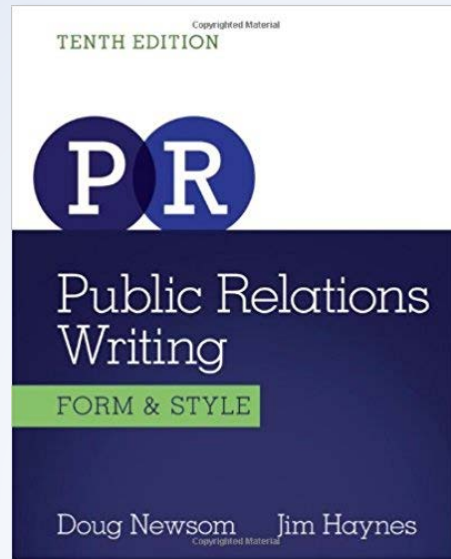
OUTLINE

- 1 What is an Infographic
- 2 How to Make Infographics
- 3 Interesting Data or Information
- 4 Visually Appealing Story
- 5 Easy to Understand Design
- 6 The Do's & Don'ts of Infographics Making
- 7 The Do's & Don'ts of Chart Making
- 8 Mistakes of Infographics Design
- 9 Introduction of Infographic Software Maker

WHAT IS AN INFOGRAPHIC

1



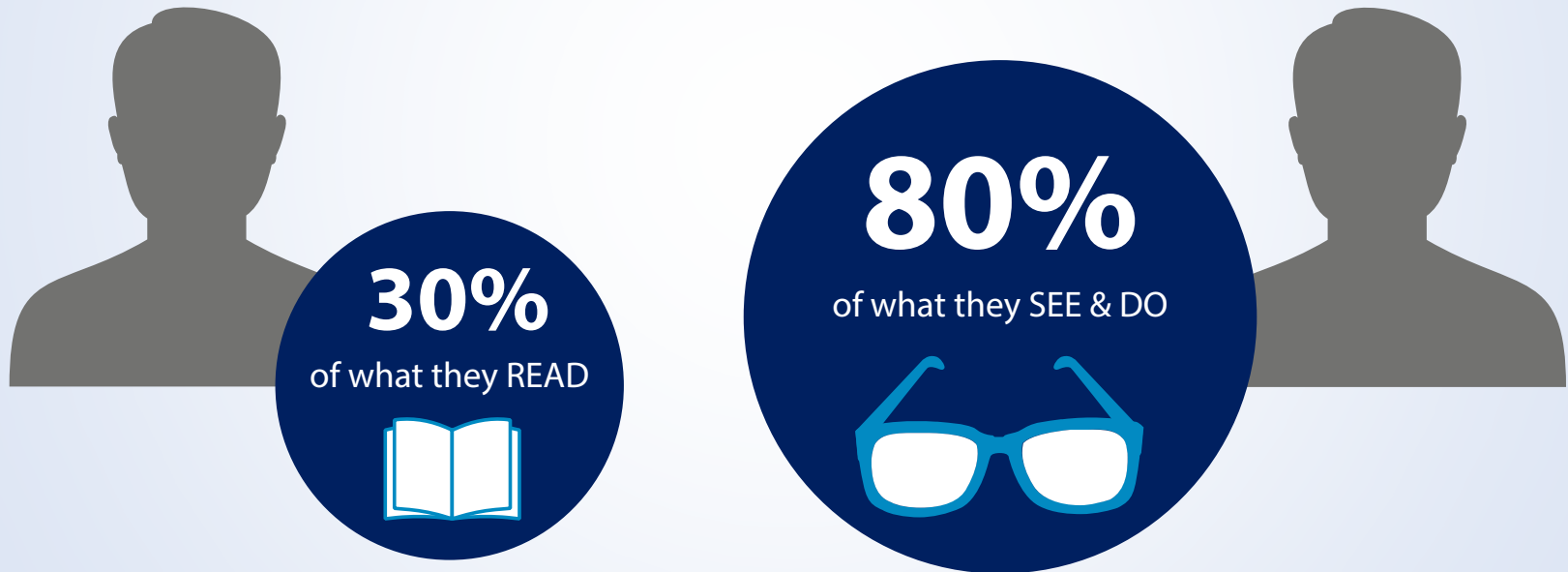


Infographics (a clipped compound of "information" and "graphics") are graphic visual representations of information, data or knowledge intended to present information quickly and clearly.

Doug Newsom and Jim Haynes (2004). *Public Relations Writing: Form and Style*. p.236.

WHY WE USE INFOGRAPHICS

Multimedia also leaves a lasting impression



Source: Lester, P.M. (2006). Syntactic Theory of Visual Communication



**It only takes us
150 milliseconds
to process an
image
(60,000x faster)**

WHERE WE USE INFOGRAPHICS



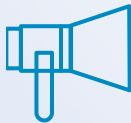
Illustrating data: This means taking data from surveys (and similar functions) and making them more interesting than your average chart.



Simplifying a complex subject: If you've got a rather mind-boggling concept, and need a way to break it down quickly and easily, infographics are the way to go.



Making comparisons: Infographics are great at showing when two things are incredibly similar or different.



Awareness: Whether it's related to business, politics or any other arena, you can quickly raise awareness of a brand or cause with shareable infographics.

TYPES OF INFOGRAPHICS

1. Mixed charts
2. Informational / List
3. Timeline
4. How-to
5. Process
6. Comparison
7. Location
8. Photo-graphic
9. Hierarchical
10. Single chart
11. Visualized Numbers
12. Anatomical
13. Visual Resume

1. Mixed charts

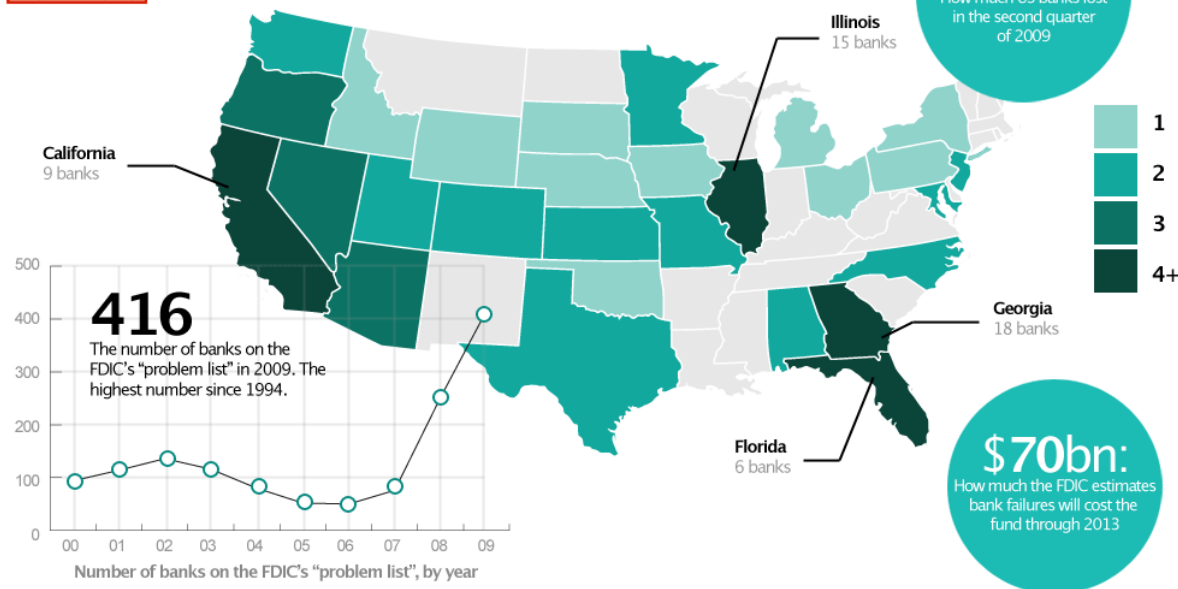
FST US

www.usfst.com

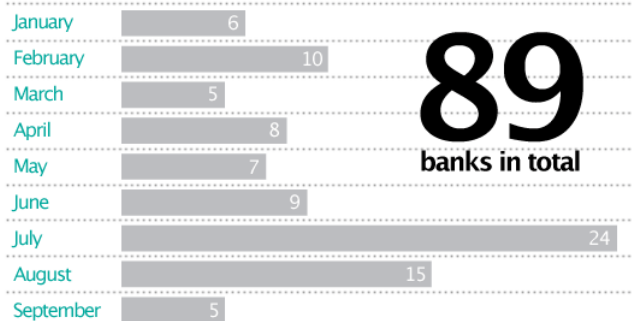


US Bank Closures

Last Friday 5 more banks were shut down, bringing the total number of closures to 89 banks in 2009 alone.



Bank Closures by Month, 2009



Latest Banks to Close, September 2009

First Bank of Kansas, KS
\$16m in assets
\$15m in deposits

InBank, IL
\$212m in assets
\$199m in deposits

First State Bank, AZ
\$105m in assets
\$95m in deposits

Vantus Bank, IA
\$458m in assets
\$368m in deposits

Platinum Community Bank, IL
\$346m in assets
\$305m in deposits

Total Assets: \$1,137m
Total Deposits: \$962m

Source:
<http://www.fdic.gov/bank/individual/failed/banklist.html>

2. Informational / List

Common MythConceptions

World's most contagious falsehoods



Bubbles size=
virulence of idea
(google hits)

BODY

FOOD

HISTORY

LAW

MIND

NATURE

RELIGION

SCIENCE

SPORT



The Vomitorium

Not a room Romans used for Bacchanalian binges, but the name for the entrance to a stadium.



Different tongue parts

There are no different sections for each taste: bitter, sour, salty, sweet & umami (savoury/meaty).



Electric fan @ night

Big myth in South Korea that this is deadly. Very unlikely to harm you. Unless you put the fan in the bed.



Sharks = no cancer

Oh yes they do get cancer. Particularly skin cancer.



Black holes

Not really 'holes' but hugely dense objects with massive gravitational pull.



Wake sleepwalkers?

They'll be really confused, but it's okay. They're more likely to hurt themselves if they're not awoken.



Napoleon was short

A tall tale. At 5'7", he was actually above average height for a Frenchman of the time.



Bulls hate red

Bulls are colour-blind. They actually react to motions of the bull fighter's cloth as a perceived threat.



Great Wall of China

Not visible from space. Myth. Now stop saying it!



Missing persons reports

Police don't demand a 24-hour period before accepting a missing persons report.



Bananas grow on trees

Actually grow on massive herbs that resemble trees. Bet you didn't know that.



Oil stops stuck pasta

Nope. But it can stop the water foaming or boiling over.



Dogs sweat by salivating

No. They regulate temperature through panting. They actually sweat through footpads.



Body heat & the head

Only in infants is most heat lost through the head. Or if the head is the only uncovered part of the body.



Vikings' horned helmets

Actually created by a costume designer for a 19th-century Wagner opera.



Bats are blind

Don't be fact-blind! Bats can not only see. They can also use echolocation. That's why they're so awesome!

3. Timeline

EU Neighbourhood Info Centre
An ENPI project

Communicating Cooperation

One policy, two regions, 17 countries

The metrics since 2009 provide an idea of the engagement level:

- 5.4 million pages viewed on portal: www.enpi-info.eu
- 20,000+ subscribers across online and social platforms
- 10,000+ news items (on average 8-10 per day)
- 12,000 photos from all countries (up to 10,000 views in one day on Flickr)
- 750 project partners trained to communicate their projects
- 69 publications, including magazines, brochures, handbooks, leaflets, etc.

- 150+ feature stories – resulting in more than 500 appearances in local media, reaching into millions of homes across the region.
- Facebook likes up 500% in 3 years, Twitter up 800%
- 2,000 news items disseminated by news agency partners
- 20 interactive thematic press packs produced
- 1,000+ man-days of communications/PR support to Delegations
- Final exhibition in Brussels seen by 4,000 visitors

Collaboration with AFP photo agency highlights the human face of cooperation. More than 10,000 images taken on the ground to illustrate the partnership, from environment to culture, from gender equality to human rights, from industry and business to energy.

Online photo competition sparks huge interest with 140 entries, 16,000 likes on Facebook and 215,000 visualisations.

Following the success of the first phase, the European Commission proposes the extension of the contract for a further 3 years. Website undergoes complete revamp and traffic rises to a new record high. 100th feature story published – success stories have achieved 152 high value media appearances (often full page) for a total readership of 45 million.

Following a successful pilot workshop in Syria, full communications trainings are offered to project partners across the region, with experts delivering highly acclaimed trainings from Palestine to Azerbaijan. Country co-operation brochures are developed for EU Delegations in eight countries of the Neighbourhood.

Website www.enpi-info.eu launched – for the first time all news on EU cooperation with its neighbours is brought together on one portal, with all 8,000 pages of content (news, background, features, press packs, etc.) available in four languages: English, French, Arabic and Russian.

www.enpi-info.eu

Key Highlights

Final year: record output. Highest ever media coverage. New digital press packs and publications. 40,000 reprints of handbooks and brochures. Hundreds of days of local support to EU Delegations. Closing exhibition seen by more than 4,000 visitors in Brussels.



A project implemented by

Actionglobalcommunications

www.actionprgroup.com

4. How-to

HOW TO MAKE MONEY

the startup way

by Anna Vital



5. Process

Perigon®

9 Ways to measure a Business Process



Supplier

Inputs



Process

Outputs



Customer

6. Comparison

SIDE COMPARISON INFOGRAPHIC

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

PROFILE 01

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.



PROFILE 02

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.



75%

STATISTIC 01

100%

25%

STATISTIC 02

50%

50%

STATISTIC 03

75%

100%

STATISTIC 04

25%

Traditional Marketing

VS

Digital Marketing



Traditional marketing is a form of pushing marketing or outbound marketing wherein you "push" information on people who may or may not want to know more about your company and its products. The relationship between the advertiser and the audience is just one-way.



Digital marketing has the ability to go viral. Using social media shares enables your messages to be shared incredibly quickly.



iPhone 6s

VS



Galaxy S7

\$808.95 as of Apr. 22nd



PRICE

\$741.16 as of Apr. 21nd

750 x 1334



RESOLUTION

1440 x 2560

4.7 inches



SCREEN SIZE

5.5 inches

64 GB



STORAGE

32 GB

2 GB



RAM

4 GB

1715 mah



BATTERY

3600 mah

5.04 ounces



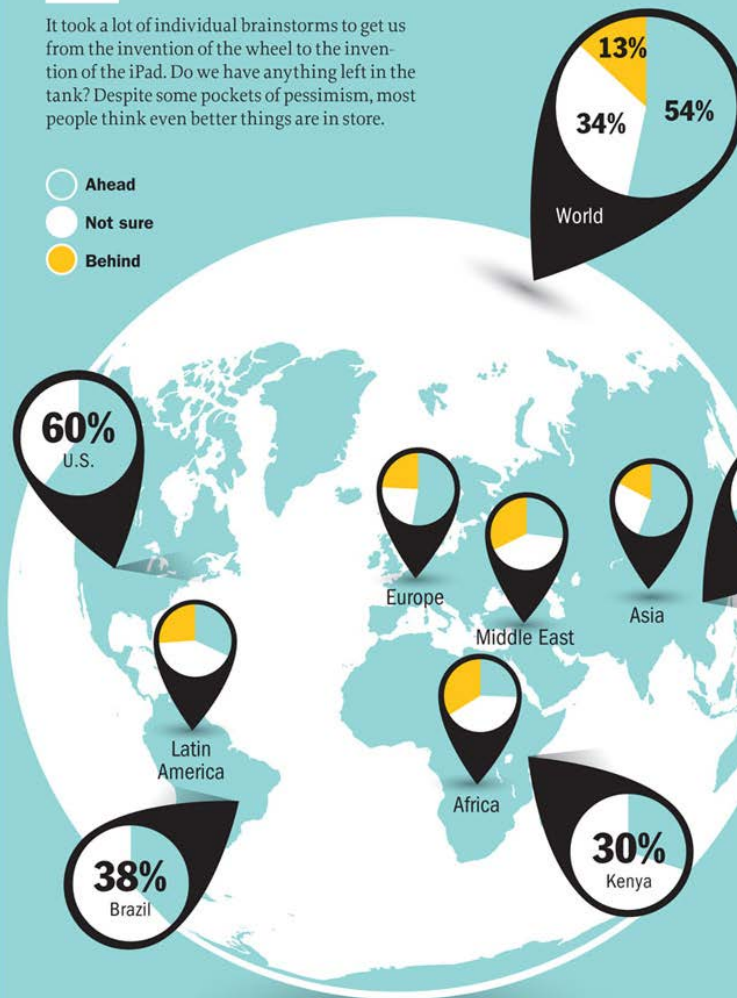
WEIGHT

5.54 ounces

7. Location

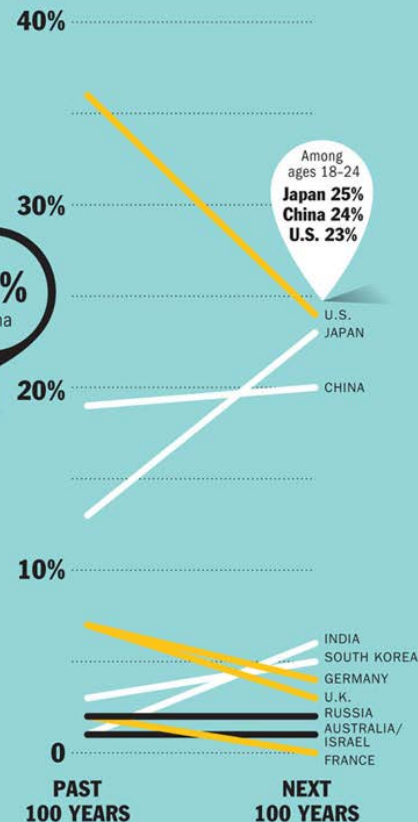
ARE HUMANITY'S MOST INVENTIVE DAYS BEHIND US OR AHEAD?

It took a lot of individual brainstorms to get us from the invention of the wheel to the invention of the iPad. Do we have anything left in the tank? Despite some pockets of pessimism, most people think even better things are in store.



COUNTRIES PRODUCING THE MOST IMPORTANT INVENTIONS

No one gets to be No. 1 forever, and as the U.S. is learning, there are plenty of contenders for the crown (hello, China and Japan). But respondents' ages can influence their answers.



8. Photo-graphic



9. Hierarchical

Self-actualization

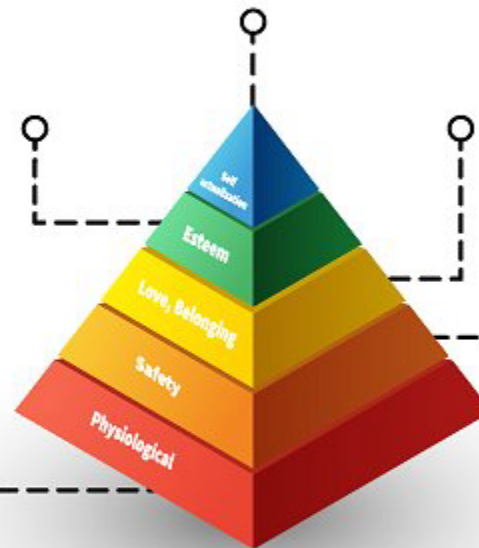
This level of need refers to what a person's full potential is and the realization of that potential. Maslow describes this level as the desire to accomplish everything that one can, to become the most that one can be. Individuals may perceive or focus on this need very specifically. For example, one individual may have the strong desire to become an ideal parent. In another, the desire may be expressed athletically. For others, it may be expressed in paintings, pictures, or inventions.

Esteem

All humans have a need to feel respected; this includes the need to have self-esteem and self-respect. Esteem presents the typical human desire to be accepted and valued by others. People often engage in a profession or hobby to gain recognition. These activities give the person a sense of contribution or value. Low self-esteem or an inferiority complex may result from imbalances during this level in the hierarchy.

Love and belonging

After physiological and safety needs are fulfilled, the third level of human needs is interpersonal and involves feelings of belongingness. This need is especially strong in childhood and can override the need for safety as witnessed in children who cling to abusive parents.



Physiological needs

Physiological needs are the physical requirements for human survival. If these requirements are not met, the human body cannot function properly and will ultimately fail. Physiological needs are thought to be the most important; they should be met first.

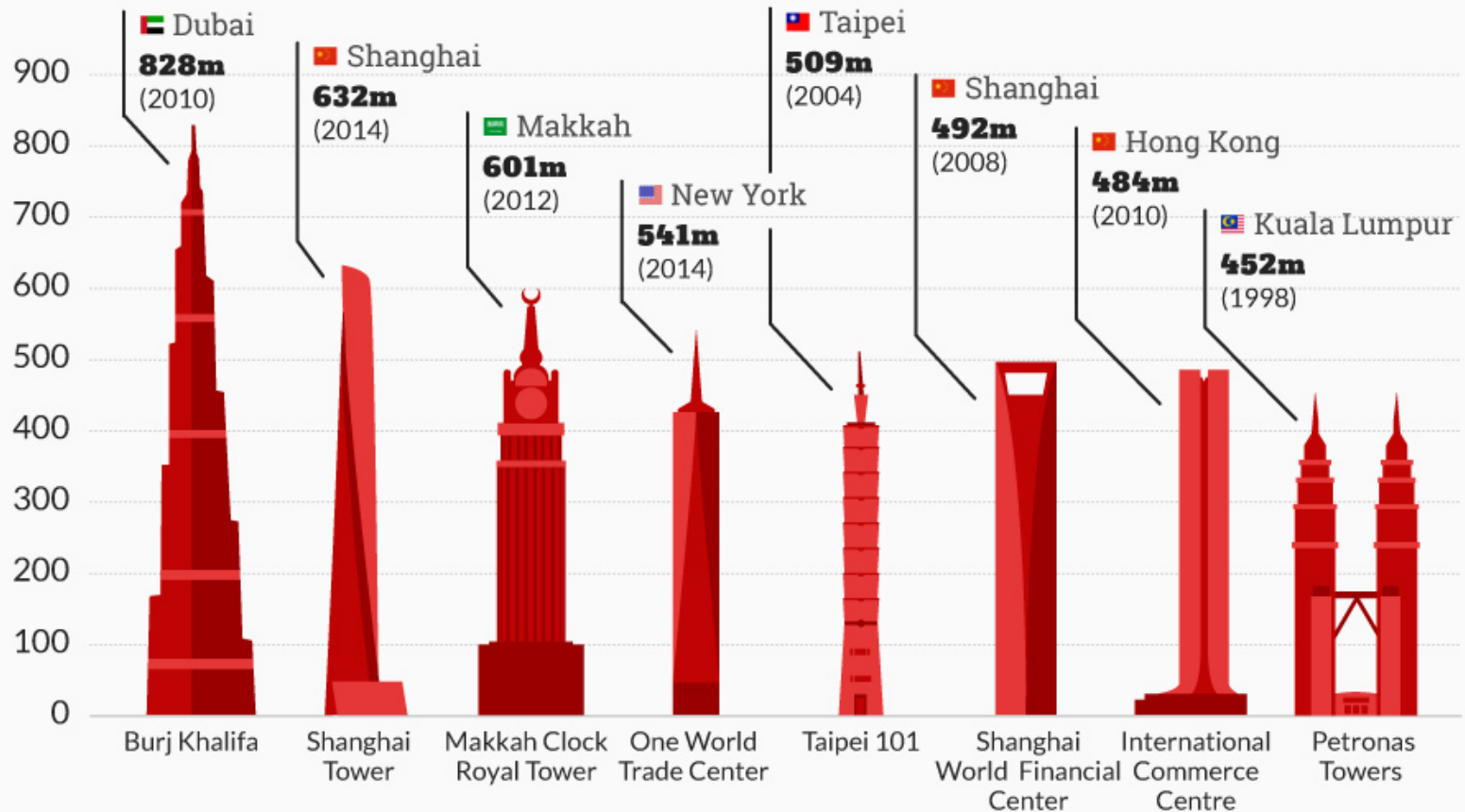
Safety needs

With their physical needs relatively satisfied, the individual's safety needs take precedence and dominate behavior. In the absence of physical safety – due to war, natural disaster, family violence, childhood abuse, etc. – people may (re-)experience post-traumatic stress disorder or transgenerational trauma. This level is more likely to be found in children because they generally have a greater need to feel safe.

10. Single chart

One World Trade Center is the world's fourth tallest building

The tallest buildings worldwide (in metres)



@StatistaCharts

Source: Emporis

i100

from
The INDEPENDENT

statista

11. Visualized Numbers

HEATHROW IN NUMBERS



500,000 passengers flying in for the London 2012 Olympic and Paralympic Games

500,000

10,000 athletes, 20,000 members of the media, 150 heads of state. Most will arrive via Heathrow

10,000
20,000
150

1,000 local volunteers ready to help everyone off their planes and welcome them to London

1,000

203,000 bags squeezed onto the baggage system – 35% more than normal and 13,000 more than it is designed to handle



The Paralympics is a third of the size of the Olympics but it is still a huge challenge

1/3

2/3

Heathrow will have to deal with a month's worth of wheelchair users in just a week – about 1,800 in total

1,800

13 new scissor lifts, 100 new ramps and six new powered stair climbers for large wheelchairs



15,000 oversized bags including canoes, javelins, bikes and poles for the pole vault. 980 firearms plus ammunition to check

15,000
980

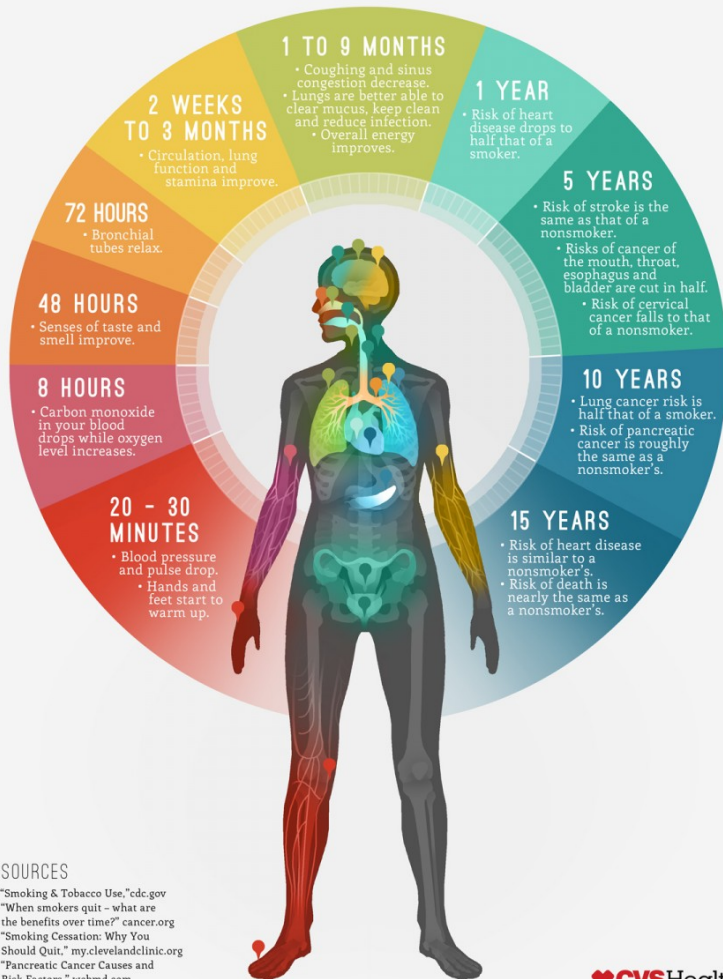
A specially constructed Games terminal has been built at Heathrow for use by the Olympic family. Located next to Terminal 4 it has 31 check-in desks and seven security lanes

31

12. Anatomical

HOW QUITTING SMOKING CHANGES YOUR BODY

Here's what happens to your body after your last cigarette:



SOURCES

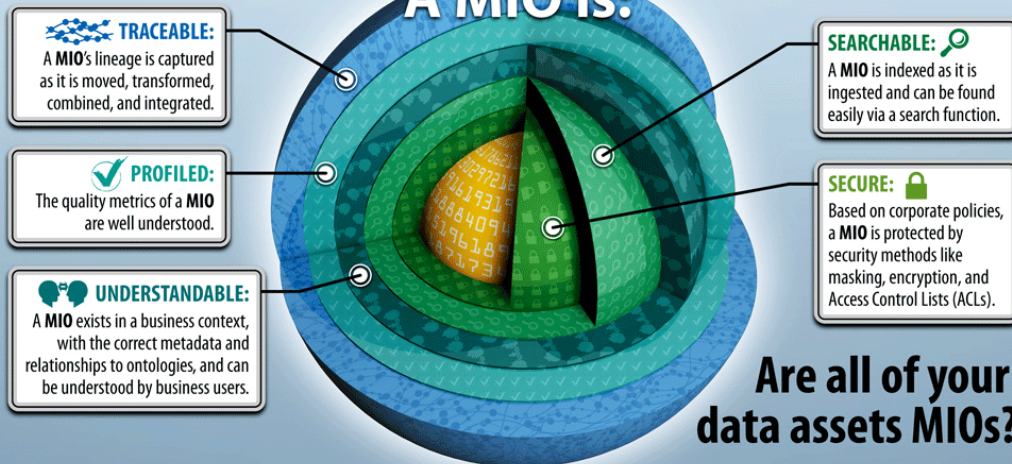
- "Smoking & Tobacco Use," cdc.gov
- "When smokers quit - what are the benefits over time?" cancer.org
- "Smoking Cessation: Why You Should Quit," my.clevelandclinic.org
- "Pancreatic Cancer Causes and Risk Factors," webmd.com



ANATOMY OF A MIO

A **Managed Information Object (MIO)** is a **data asset** that has been **ingested** into the **Data Lake** and meets **specific usability criteria**.

A MIO is:



Are all of your data assets MIOs?

Visit www.knowledgent.com for more information on turning your data into MIOs.



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New York, NY • Warren, NJ • Boston, MA • Toronto, Canada

13. Visual Resume

Graphic Designer

CRAIGHT CARTER

ABOUT

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut neque magna, pulvinar sed nibh eget, fringilla interdum nulla. Integer sed purus faucibus, ultrices ante sit amet, rhoncus justo. Sed ex libero, ornare vestibulum suscipit non, semper id sem. Mauris eget facilisis lorem.

EDUCATION

UNIVERSITY OF SAN DIEGO
2002 - 2007
Major in Graphic Design

UNIVERSITY OF TORONTO
2002 - 2007
Minor in Media Studies

CONTACT

 San Diego, CA

 555-2534-1111

 ccarter@email.com

SKILLS

PHOTOSHOP

ILLUSTRATOR

FILM

AREAS OF EXPERTISE

- Poster design
- Branding/Identity
- Product packaging
- User interface
- Editing video
- Illustrations

WORK EXPERIENCE

2010

PRESENT

Now Design Startup
Junior Designer
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut neque magna, pulvinar sed nibh eget, fringilla interdum nulla. Integer sed purus faucibus, ultrices ante.

2006

2010

Pixel Inc.
Social Media Curator
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut neque magna, pulvinar sed nibh eget, fringilla interdum nulla. Integer sed purus faucibus, ultrices ante.



MAX ROMEO

Digital Marketing & Advertising Specialist

 max@mail.com  555.555.5555  55 Franklin St., Bristow, VA 20136

EXPERIENCE

Managing Director

Twist Once Inc. 2015-2016

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Creative Content Specialist

Twist Twice Inc. 2014-2015

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, ipsum dolor sit amet, consectetur adipiscing.

EDUCATION

Masters of Digital Media

Ryerson University, Toronto. 2015-2016

Bachelor of Business Management

Ryerson University, Toronto. 2011-2015

SKILLS


Communication	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Teamwork	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Learning	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Drive	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Flexibility	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Adaptability	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Leadership	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Adobe Suite	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

REFERENCES

Nesta Jetta


CEO and Co Founder at Twist Once Inc.

 555.555.5555

 nesta@mail.com

Joe James

Manager at React

 555.555.5555

 joe@mail.com

HOW TO MAKE INFOGRAPHICS

2



DEFINE YOUR TARGET
AUDIENCE



DEFINE YOUR
GOALS



DEFINE THE
MEDIUM



CHOOSE YOUR
TOPIC



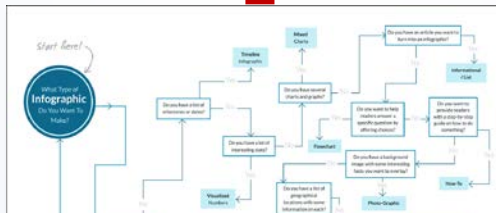
FIND THE RIGHT
INFORMATION



FIND THE STORY
IN THE DATA



**CHOOSE THE TYPE OF
INFOGRAPHIC**



THE ONE BIG
IDEA



CREATE A
WIREFRAME



DESIGN



Your Own Infographic

Understand what to create

An infographic is not an accumulation of data. It is a representation of information in a graphic format designed to make the data easily understandable at a glance.

The chosen colors



These are the steps



#1
Context



#2
Structure



#3
Story



#4
Design

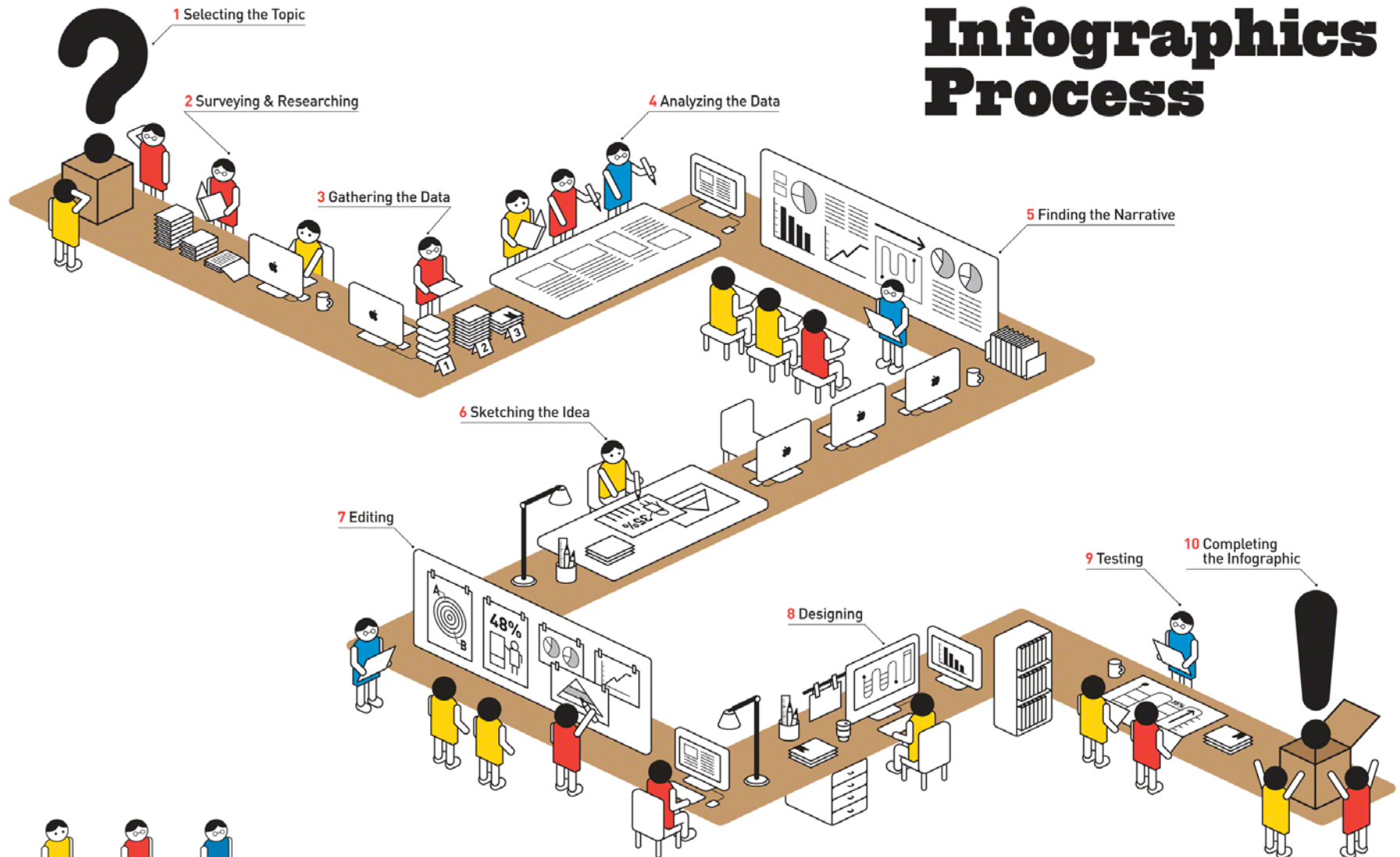


Congratulations !

Now that your infographic is done, be sure to mention the name of the designer and the source if necessary. Easily share your infographic via social media or embed it on your website to increase traction.

Source : <https://en.wikipedia.org/wiki/Infographic>

Infographics Process



Designer
Editor
Data Analyst

INTERESTING DATA OR INFORMATION

3



1. SOLVE A BURNING PROBLEM

Find a problem your audience faces and create an infographic that tells them how to solve that problem.

There are two ways to do this:



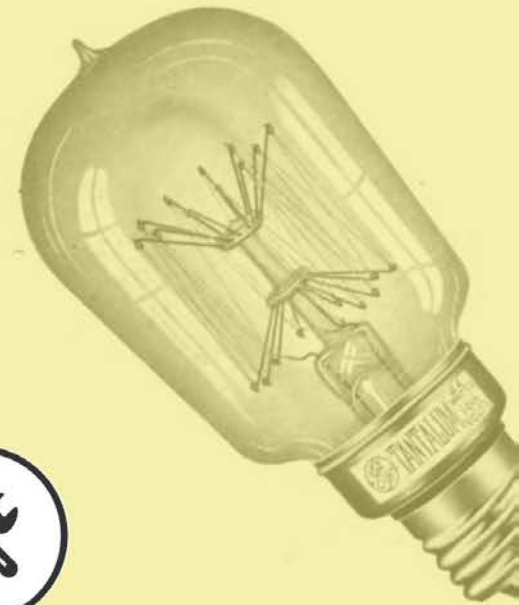
a. Ask your audience.

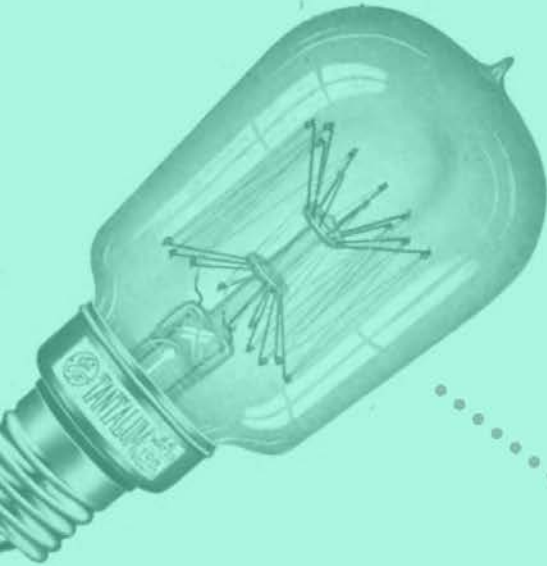
Email, call, or survey your audience to find common problems they face.



b. Solve your own problem.

If there's a problem you keep running into, chances are other people are as well.





2. CHALLENGE THE STATUS QUO

Think of things that are a give-in in your job, field or industry. Then challenge those beliefs:



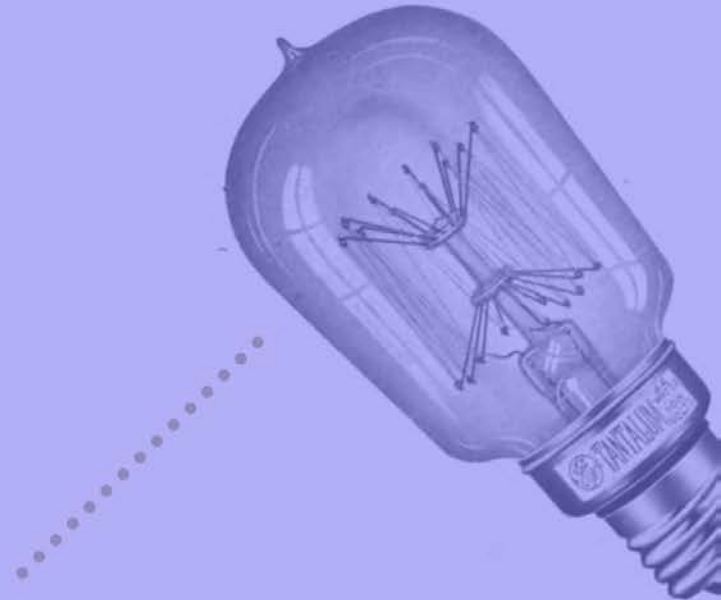
Make your audience rethink conventional wisdom



Challenge your audience's beliefs and behaviors

3. CHANGE THE PERSPECTIVE

There is always a traditional way of framing a narrative. You can make it more interesting by changing or reframing the perspective.





4. FIND ORIGIN STORIES

The origin stories of a field of interest, industry, company or influential person often make for a great infographic.



5. FIND EXTREME CASES

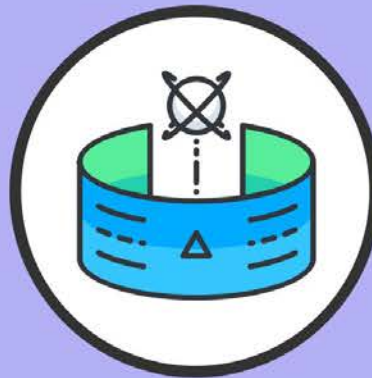
In statistics, outliers are often removed because their influence on the rest of the data might skew the analysis. But these outliers are often interesting topics for an infographic.





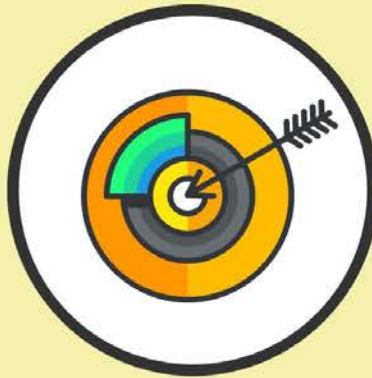
6. GO OUTSIDE YOUR IMMEDIATE FIELD

Look for a topic in a related field that you are not directly a part of. There may be questions that your audience is asking about a related field that you can answer.



7. FIND NICHE AND SUBCULTURES

Finding a niche audience is a strategy that businesses use when they are trying to enter a new market. The same approach can be applied to infographics and content marketing.





8. MASHUP TWO OR MORE TOPICS

This is as straightforward as it sounds: take two seemingly unrelated topics and mash them up. The resulting topic is usually something with a fresh perspective.



VISUALLY APPEALING STORY

4



Structure your infographic.

Every infographic can follow a structure that looks something like this:

Introduction

Sum up what your infographic is about.

Section subheadings

Identify different topics within the infographic, and draw the reader from one topic to the next.

Chart and graph labels

They'll only consist of a few words.

Sources and footnotes

If you use other sources, it's advisable to source them.

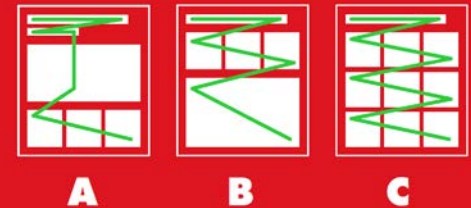


Write a short and snappy headline.

Use numbers, adjectives and keywords in your headline. And don't forget to be explicit about how your infographic will benefit the reader in the end.

Number + Adjective + Noun + Keyword + Promise

BASIC STORY FLOWS...



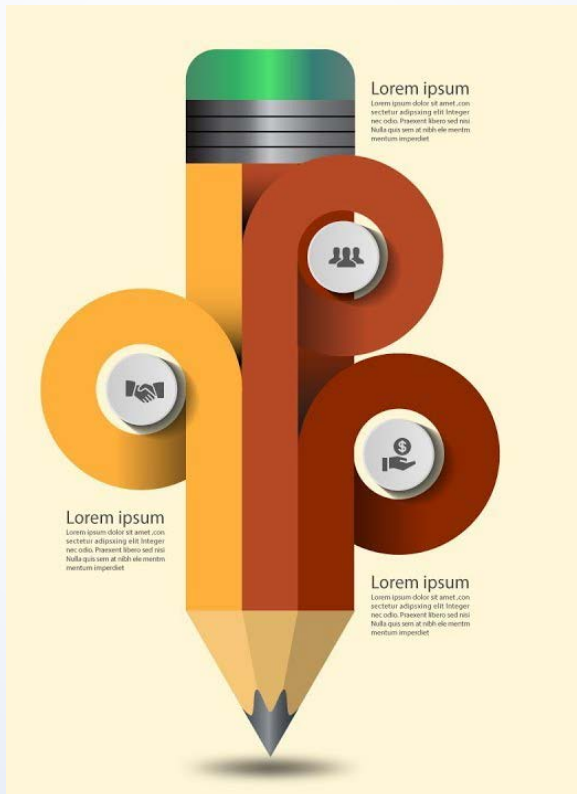
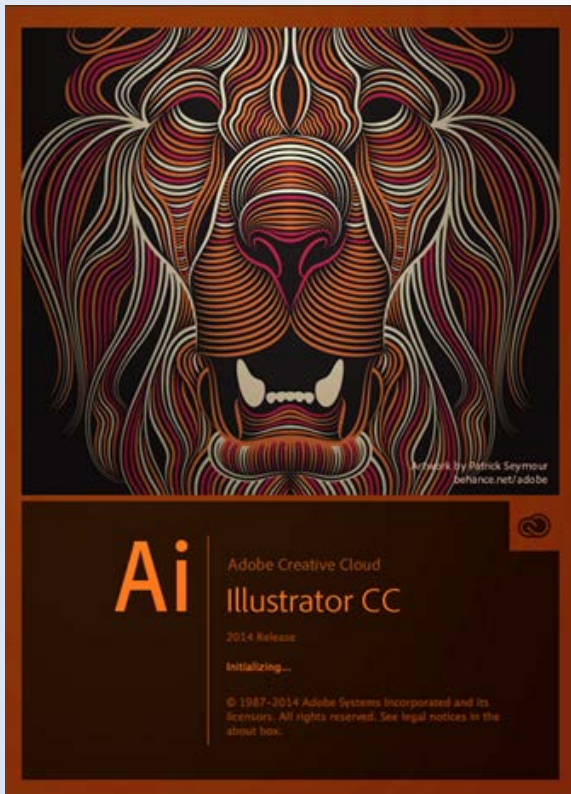
CHOOSING ICONS



How to Choose the Perfect Color Scheme for Your Infographic

























USE VECTOR NOT BITMAP



Adobe Illustrator is powerful vector graphics software used to create stunning graphics, infographics, packaging, exhibition design, pop-up banners, illustrations, logos, patterns and textile designs and more. It is an essential tool for graphic designers, textile designers, illustrators, architects and more.



Ai	When to use ILLUSTRATOR	
YES	NO	
Logos Logotype  	Image Editing  	
Vector Illustrations  	Pixels Graphics/ Effects  	
Web Graphics  	Books Newsletters Reports  	
Motion Graphics  	Video/ Audio  	
Business Cards/ Stationary  	Animation  	

Ps	When to use PHOTOSHOP	
YES	NO	
Image Editing Color Correction  	Logo Design  	
Photo Compositing & Retouching  	Print Publishing  	
Special Effects & Filters  	Vector Illustrations  	
Web & Motion Graphics  	Books, Brochures Newsletters  	
Software/ Web/Mobile/ UI Design  	Text & Vector Graphics  	

DRAWING WITH VECTOR	PAINTING WITH PIXEL
Mathematical calculations that form shapes	Pixel-based
Vector programs best for creating logos, drawings and illustrations, technical drawings. For images that will be applied to physical products.	Raster programs best for editing photos and creating continuous tone images with soft color blends
It is not the best format for continuous tone images with blends of color or to edit photographs	
Can be scaled to any size without losing quality	Do not scale up optimally - Image must be created/scanned at the desired usage size or larger
Resolution-independent: Can be printed at any size/resolution	Large dimensions & detailed images equal large file size
A large dimension vector graphic maintains a small file size	
Number of colors can be easily increased or reduced to adjust printing budget	It is more difficult to print raster images using a limited amount of spot colors
Vector art can be used for many processes and easily rasterized to be used for all processes	Some processes cannot use raster formats
Can be easily converted to raster	Depending on the complexity of the image, conversion to vector may be time consuming
Common vector graphic file format: ai, cdr, svg, and eps & pdfs originating from vector programs	Raster images are the most common image format, including: jpg, gif, png, tif, bmp, psd, eps and pdfs originating from raster programs
Common vector programs: drawing programs such as Illustrator, CorelDraw, Inkscape (free)	Common raster programs: photo editing / paint programs such as Photoshop & Paint Shop, GIMP (free)

EASY TO **UNDERSTAND DESIGN**

5



THE ELEMENTS OF DESIGN

LINE



A line is a mark between two points. There are various types of lines, from straight to squiggly to curved and more. Lines can be used for a wide range of purposes: stressing a word or phrase, connecting content to one another, creating patterns and much more.

SHAPE



Height + width = shape. We all learned basic shapes in grade school - triangles, squares, circles and rectangles. Odd or lesser seen shapes can be used to attract attention.

There are three basic types of shape: **geometric** (triangles, squares, circles etc), **natural** (leaves, animals, trees, people), and **abstracted** (icons, stylizations, graphic representations etc).

VALUE



Value is how light or how dark an area looks. A gradient, shown above, is a great way to visualize value - everything from dark to white, all the shades in-between, has a value. Use value to create depth and light; to create a pattern; to lead the eye; or to emphasize.

COLOR

Color is used to generate emotions, define importance, create visual interest and more. CMYK (cyan/magenta/yellow/black) is subtractive; RGB (red/green/blue) is additive.

Some colors are warm and active (orange, red); some are cool and passive (blue, purple).

There are various color types (primary to analogous) and relationships (monochromatic to triad) worth learning more about as well.

TEXTURE



Texture relates to the surface of an object; the look or feel of it. Concrete has a rough texture; drywall has a smooth and subtle texture. Using texture in design is a great way to add depth and visual interest. Printed material has actual, textile texture while screen material has implied texture.

ELEMENTS OF DESIGN

quick reference sheet



Space is the area around or between elements in a design. It can be used to separate or group information. Use it effectively to: give the eye a rest; define importance; lead the eye through a design and more.

SPACE

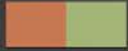
SIZE



Size is how small or large something is: a small shirt vs. an extra large shirt, for example. Use size to define importance, create visual interest in a design (via contrasting sizes), attract attention and more.

CONTRAST

COLOR



TO NE/VALUE



SIZE/SHAPE



DIRECTION

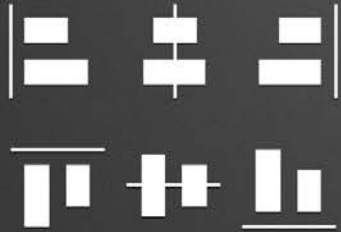


Unique elements in a design should stand apart from one another. One way to do this is to use contrast. Good contrast in a design – which can be achieved using elements like color, tone, size, and more – allows the viewer's eye to flow naturally.

To the left, you can see 4 ways to create contrast in your design.

ALIGNMENT

Proper alignment in a design means that every element in it is visually connected to another element. Alignment allows for cohesiveness; nothing feels out of place or disconnected when alignment has been handled well.

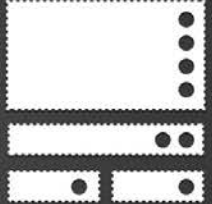


REPETITION

Repetition breeds cohesiveness in a design. Once a design pattern has been established – for example, a dotted border or a specific typographic styling – repeat this pattern to establish consistency.

The short version?

Establish a style for each element in a design and use it on similar elements.



PROXIMITY

Proximity allows for visual unity in a design. If two elements are related to each other, they should be placed in close proximity to one another. Doing so minimizes visual clutter, emphasizes organization, and increases viewer comprehension.

Imagine how ridiculous it would be if the proximity icons on this graphic were located on the other side of this document.



THE DO'S & DON'TS OF INFOGRAPHICS MAKING

6



TYPOGRAPHY

All fonts should be legible and appropriate for what you are communicating.



WRONG

—SOCIAL—
CUSTOMER
—
★ Service ★



RIGHT

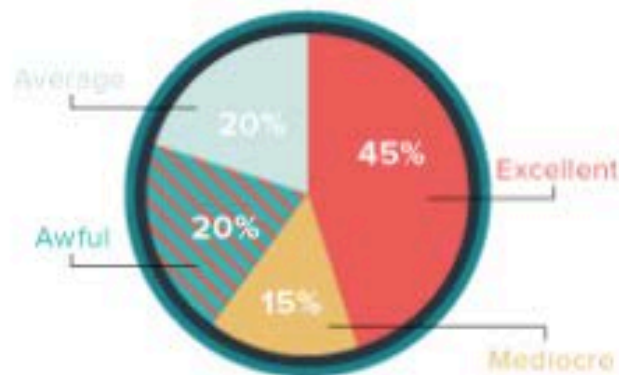
SOCIAL
CUSTOMER SERVICE
—

COLOR

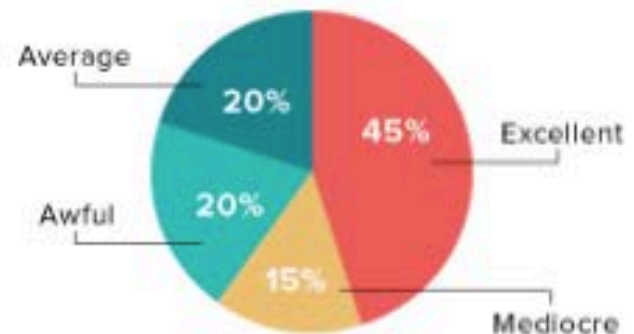
Use no more than five colors in a single layout. You can use different shades of a single color to distinguish



WRONG



RIGHT



ICONOGRAPHY

Icons should be simple, easy to understand and universal.
They're meant to enhance comprehension, never distract.



WRONG



RIGHT



CALLOUTS

Use callouts sparingly to highlight only key information.



WRONG

23.1

million
customers

discover brands
through

SOCIAL MEDIA.

65%

of
customers

have used social
media for

CUSTOMER
SUPPORT.



RIGHT



customers **discover**
brands through
social media.



of customers **have**
used social media for
customer service.

NEGATIVE SPACE

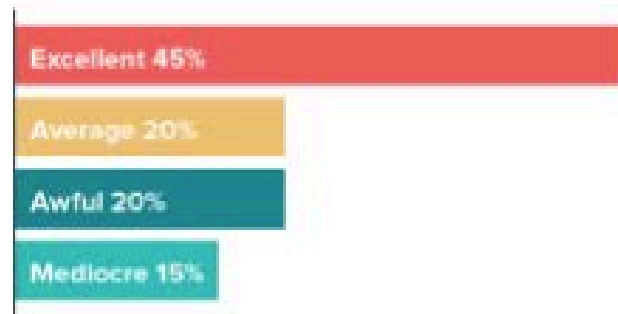
Keep significant negative space. When too much information is in a layout, messaging becomes cluttered and incoherent.



WRONG



RIGHT



LAYOUT

Present content in a way that guides readers through in a logical hierarchy. Aligning the elements in a layout with each other will help maintain consistency.

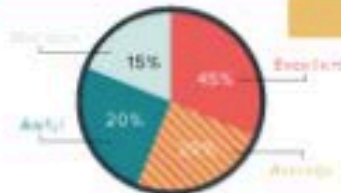


WRONG

~~SOCIAL~~ CUSTOMER ★ Service ★

Here's everything you need to know about delivering customer service through social platforms.

How would you rate customer service through social media?



75%

of consumers view companies more positively if they have a mobile customer service app.



RIGHT

SOCIAL CUSTOMER SERVICE

Here's everything you need to know about delivering customer service through social platforms.

How would you rate customer service through social media?



75%

of consumers view companies more positively if they have a mobile customer service app.



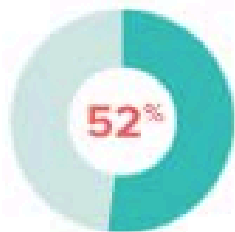
COMPARISON

Visualize data in a way that is easy for the viewer to compare values.

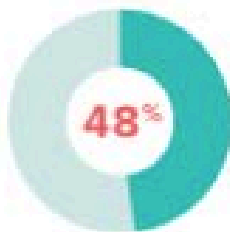


WRONG

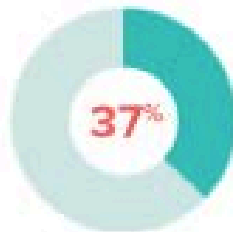
What do Facebook users want from brands?



Entertainment



Discounts



Customer Service



RIGHT

What do Facebook users want from brands?



ACCURACY

Visualizations should represent their values proportionately.
Inaccurate representations can deceive viewers.



WRONG



RIGHT



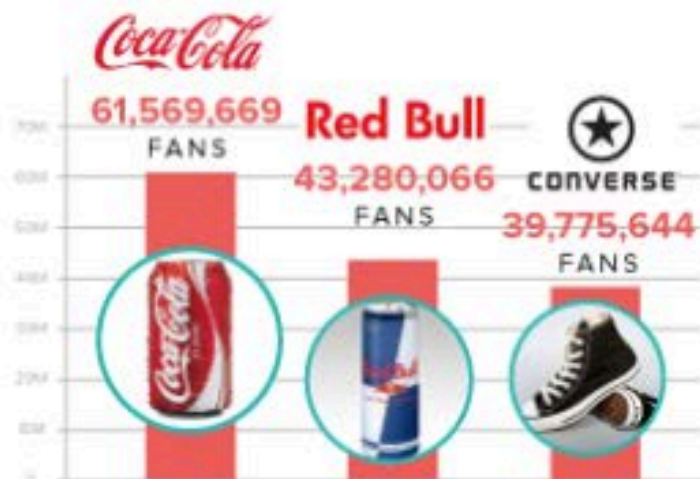
SIMPLICITY

Avoid unnecessary design, including 3D charts, ornamental illustration or extraneous elements.



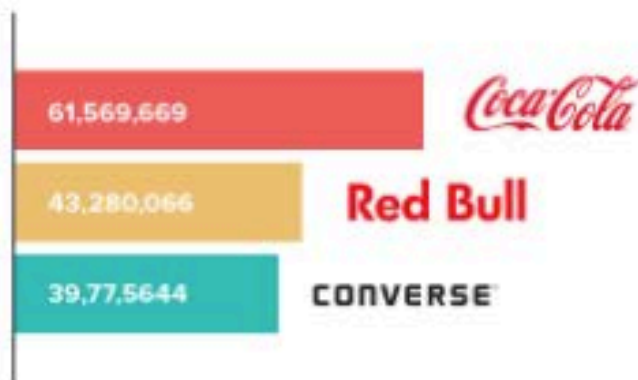
WRONG

Top 3 Most Popular
Brands on Facebook



RIGHT

Top 3 Most Popular
Brands on Facebook



THE DO'S & DON'TS OF **CHART** MAKING

7



THE DO'S AND DON'TS OF CHART MAKING



DO

- Use appropriate charts, including horizontal bar graphs
- Use the full axis
- Keep it simple, especially with animations, and make sure with a squint test
- Use color to contrast and highlight data
- Ask others for opinions



DON'T

- Change chart styles partway through a comparison
- Overload charts with unimportant data, more than six colors, or too many animations
- Use a pie chart, especially one with more than seven wedges
- Use combinations with similar colors (red/orange and green, blues and greens)
- Sacrifice important data

FOUR TYPES OF DATA


NOMINAL: Data sorted into categories


ORDINAL: Arbitrary numerical scale


DISCRETE: Represents units


CONTINUOUS: Can be measured on a continuum

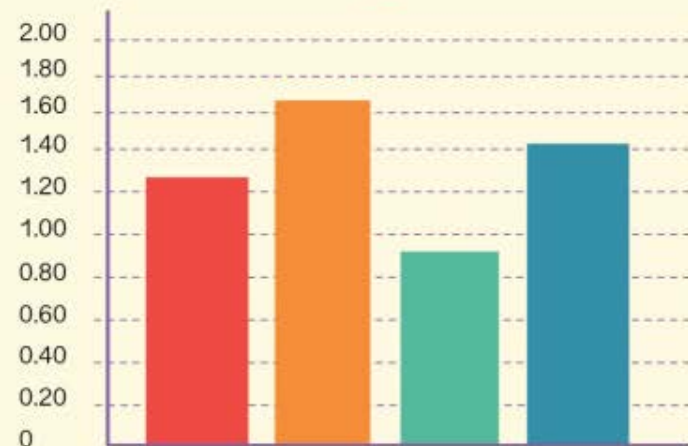
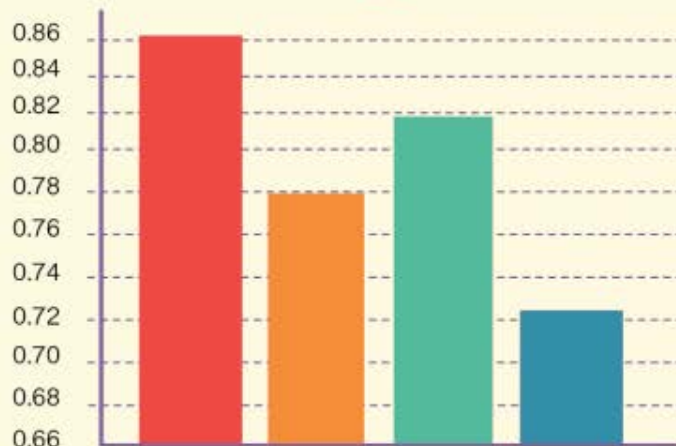
TYPES OF CHARTS

→ Bar chart 

→ Pie chart, bar chart 

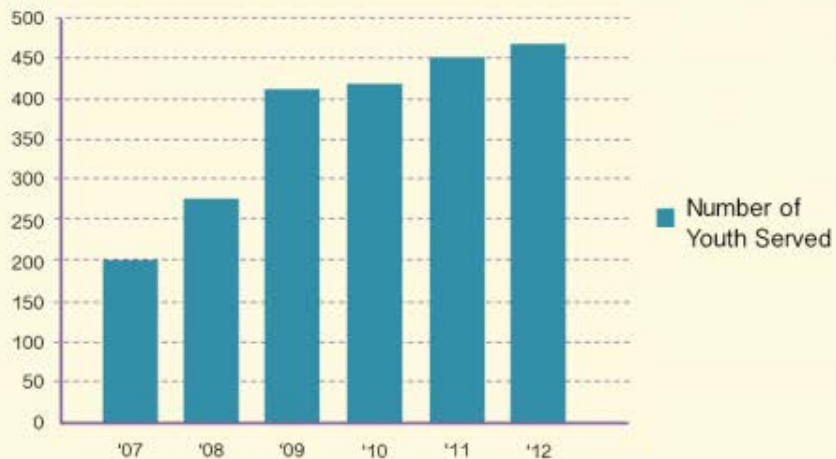
→ Arrays, Pie chart, Bar chart 

→ Line chart 

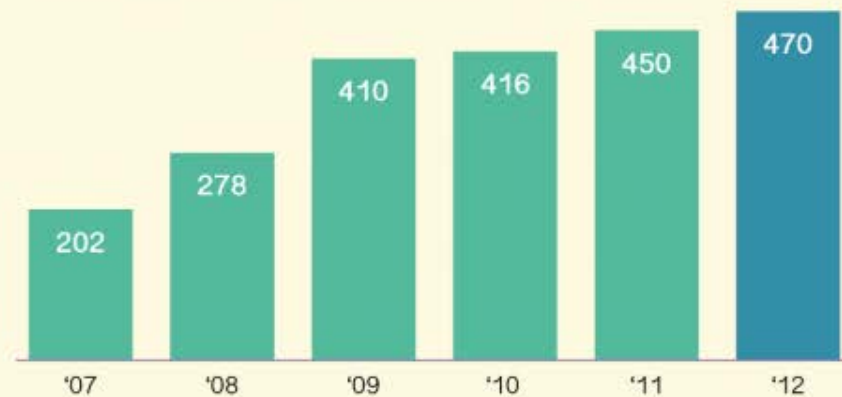




Number of Youth Served by Year

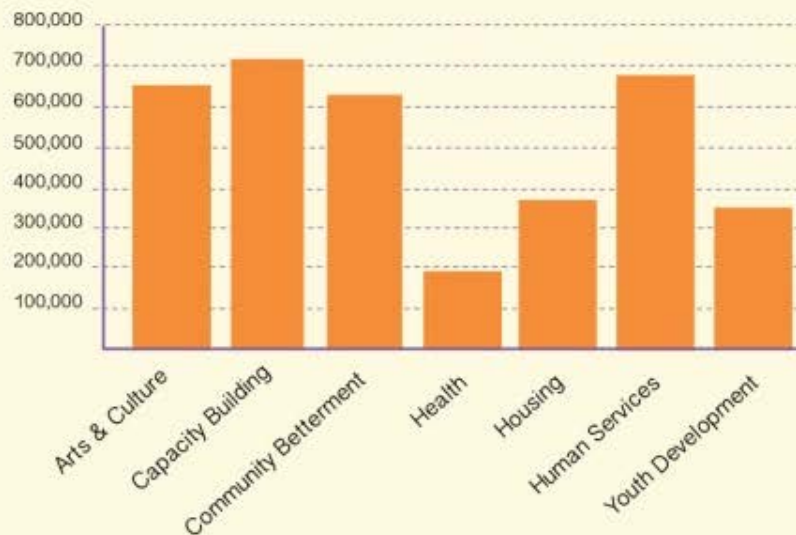


Number of Youth Served by Year



Investment by area of impact

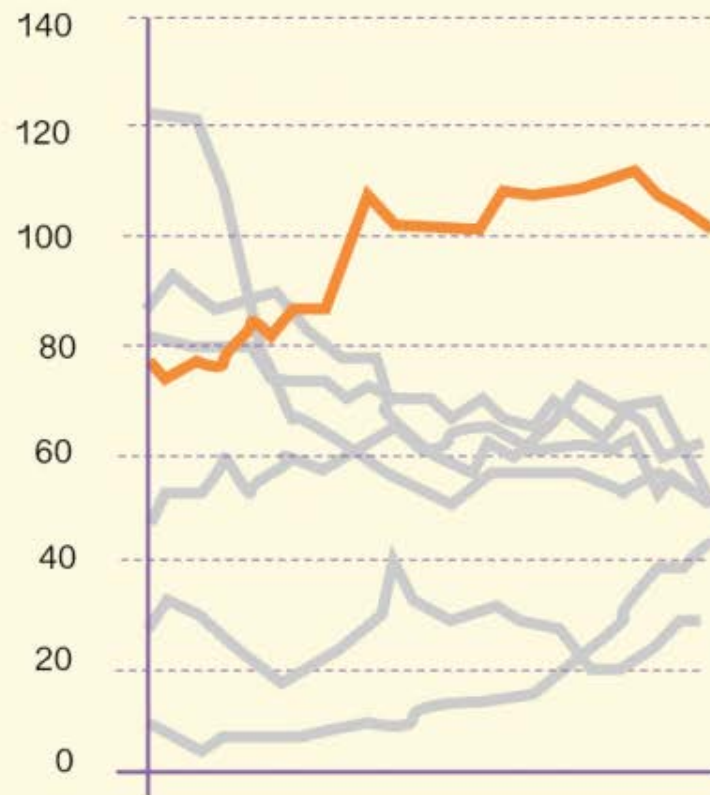
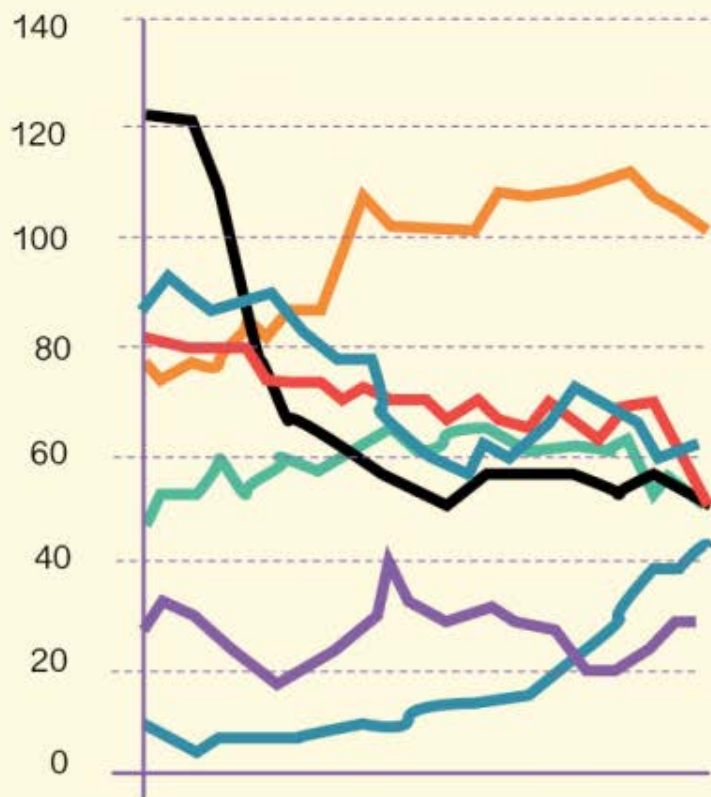
2006-Present



Investment by area of impact

2006-Present / Dollars in '000s



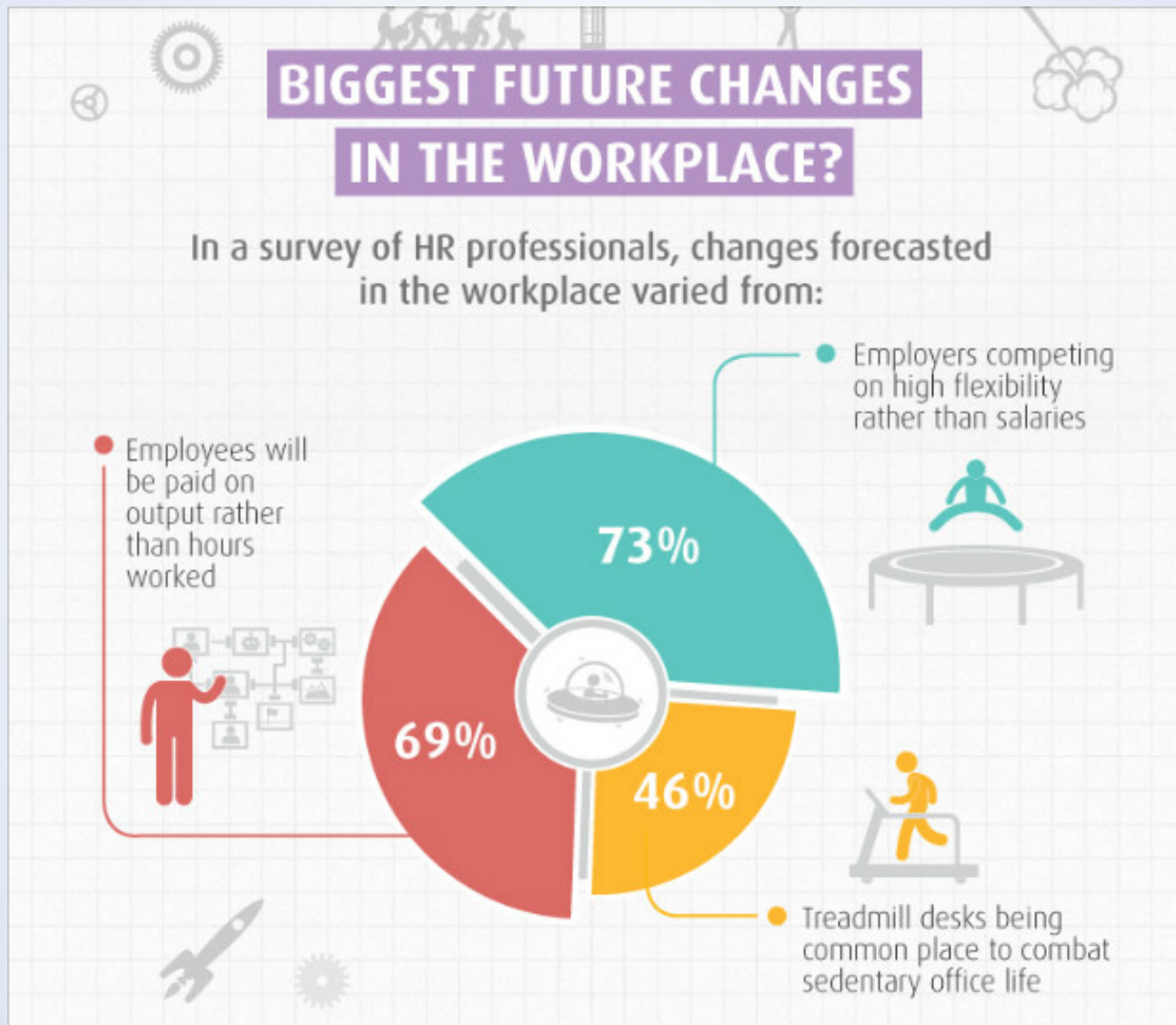


MISTAKES OF INFOGRAPHICS DESIGN

8



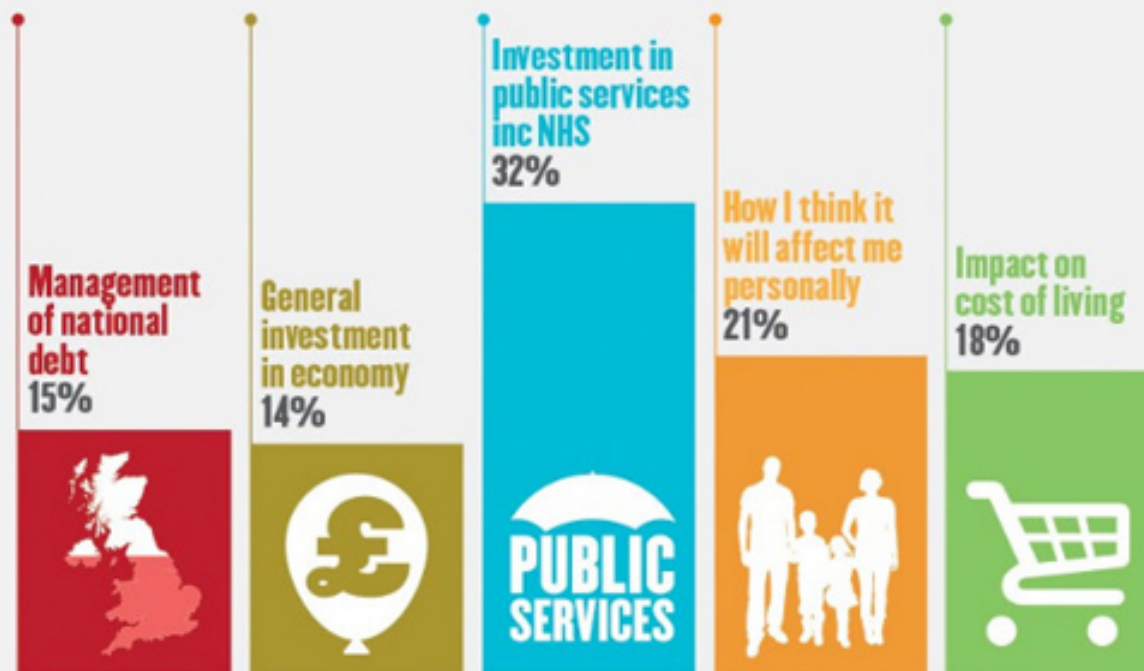
1. It just doesn't add up



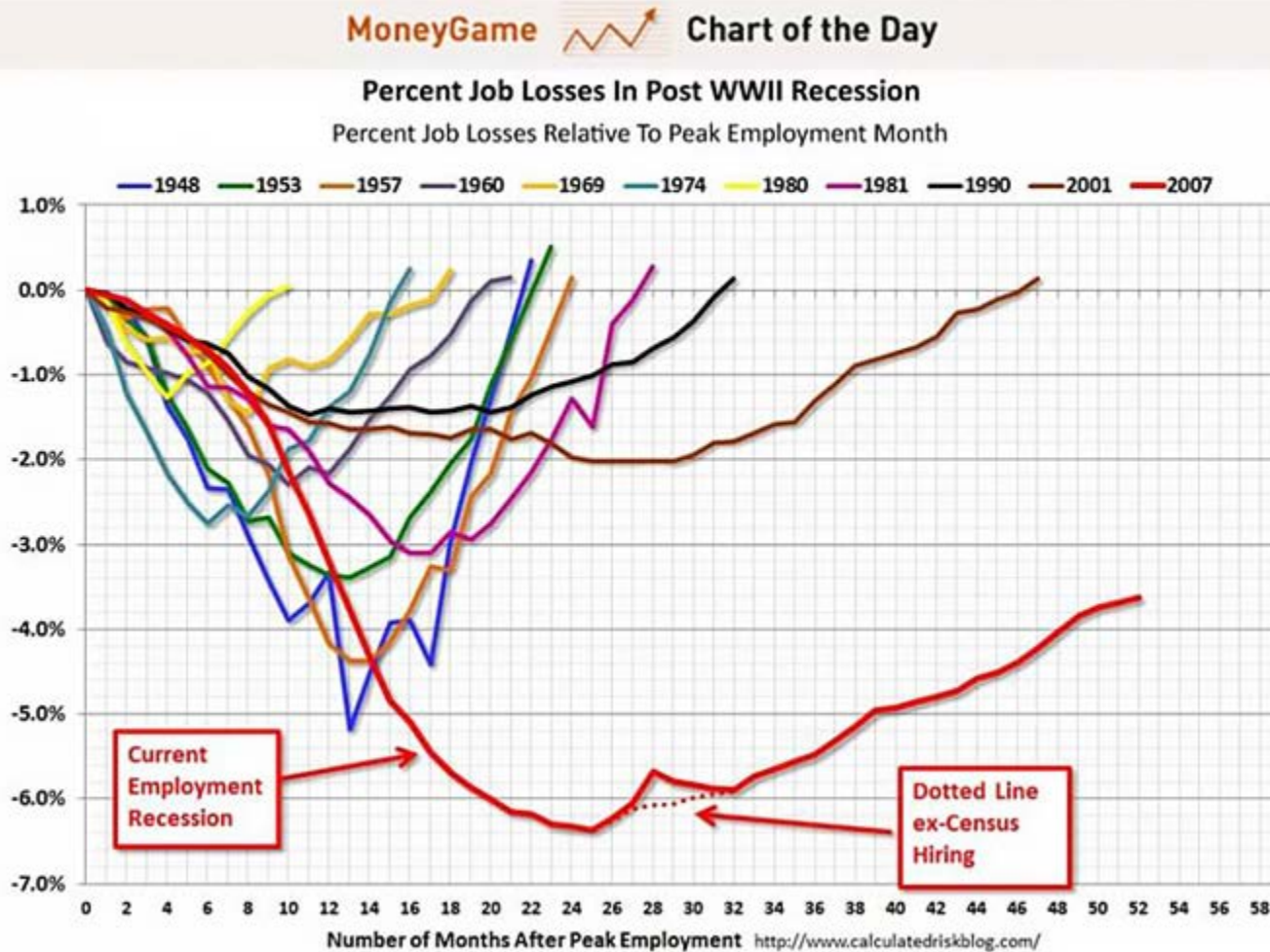
2. Choosing the wrong type of chart

QUESTION 03/

What will be the major factors from an economic point of view that will influence which party you vote for in the next election?



3. Including too much information



4. Inaccurate scales

Original Design



Corrected Design



5. Boring and uninformative headlines

Wealth, Income and Power in the U.S.

GoFigure!

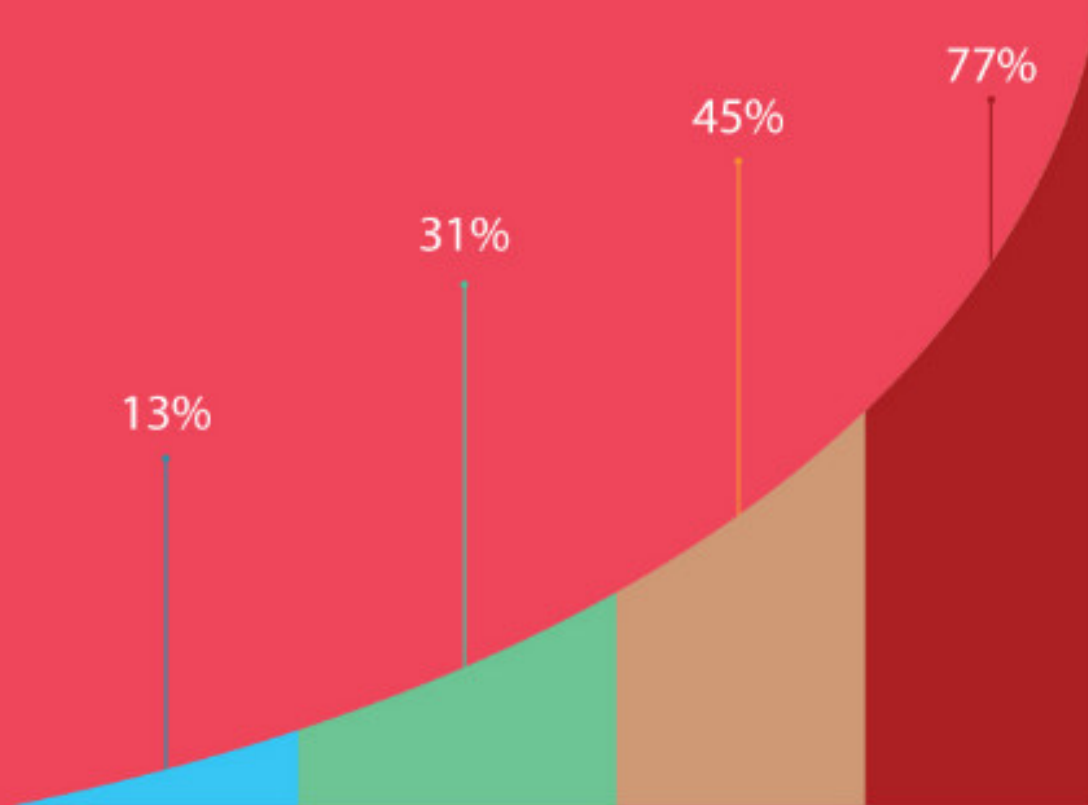


The economic gap between rich and poor in the United States has widened as a result of the Great Recession, according to a recent study.



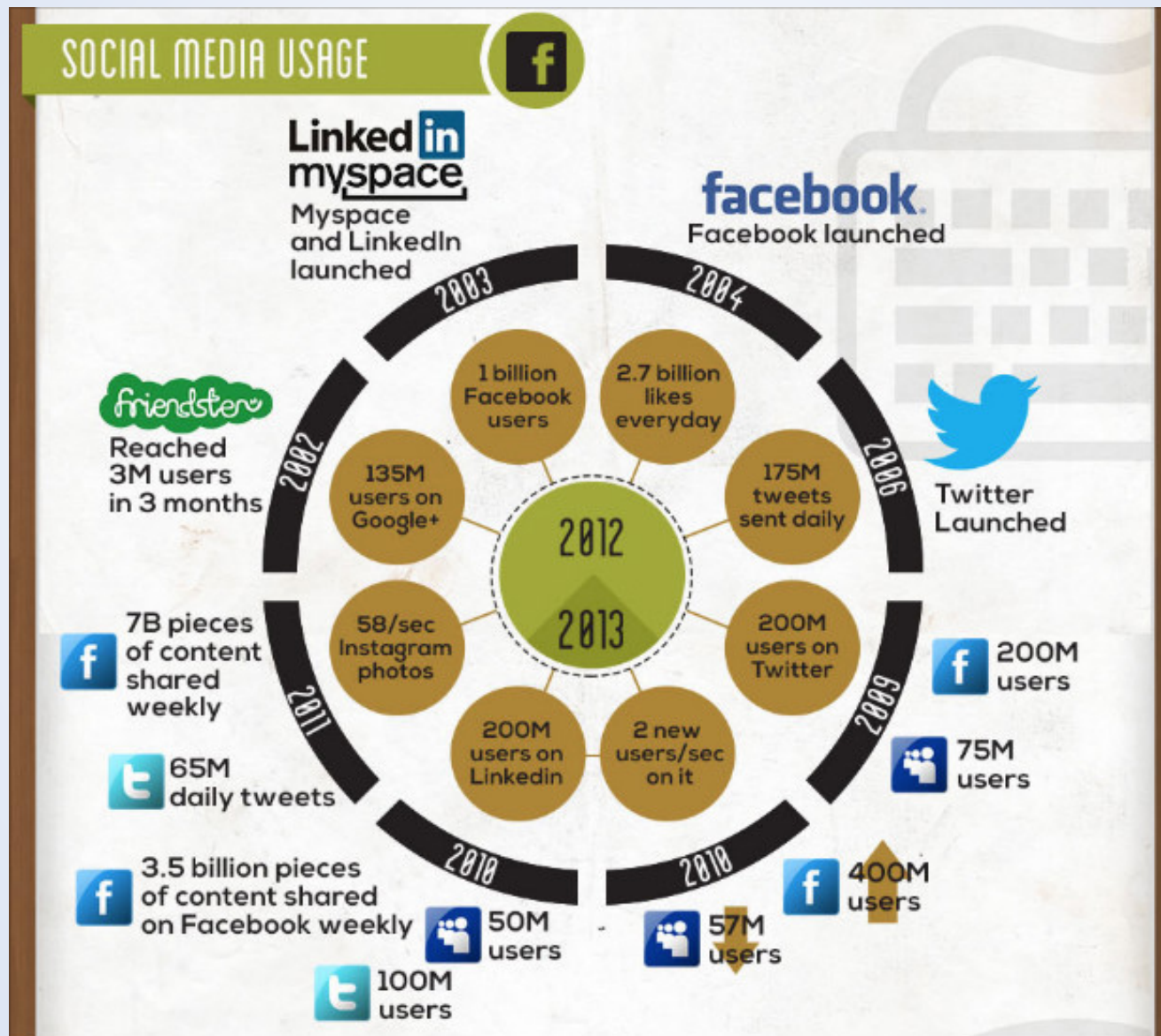
6. Wrong placement of axes

Increase Conversion Rate : Decrease your bounce rate by providing user a great experience and keep them on your site for longer time.



Increase Conversion Rate

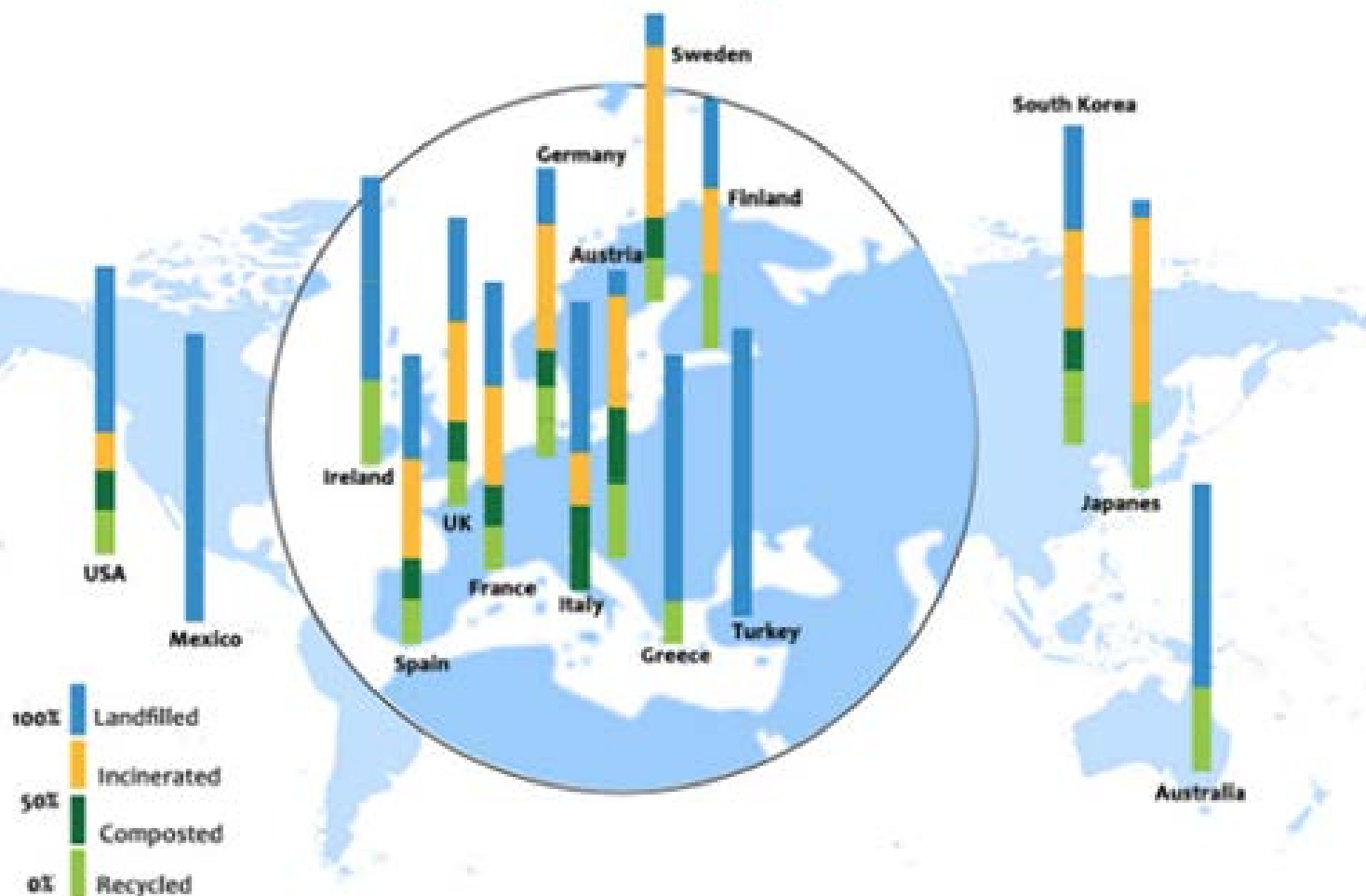
7. Forcing the reader to do more work



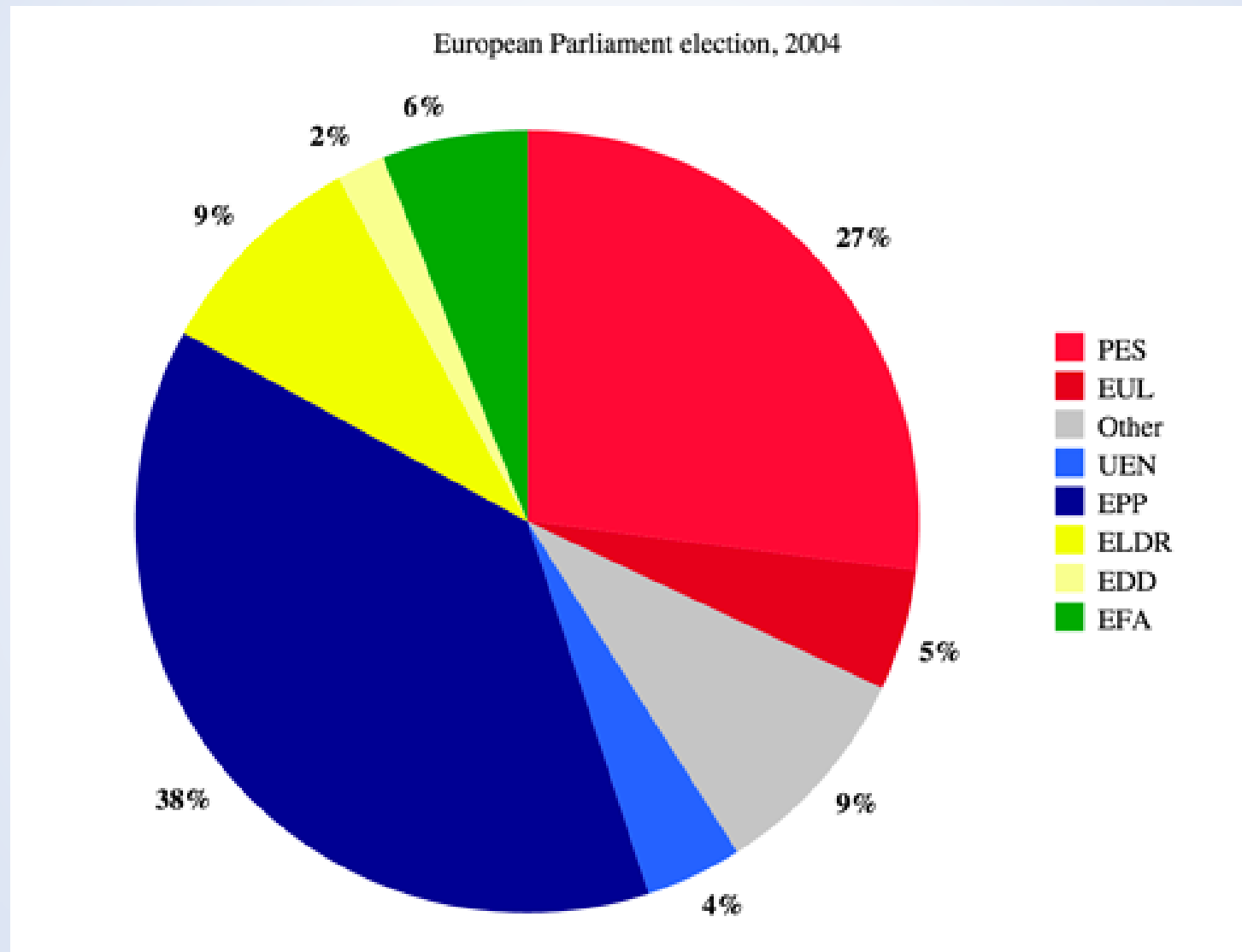
8. Hard-to-understand comparisons

WASTE MANAGEMENT & RECYCLING OF USA

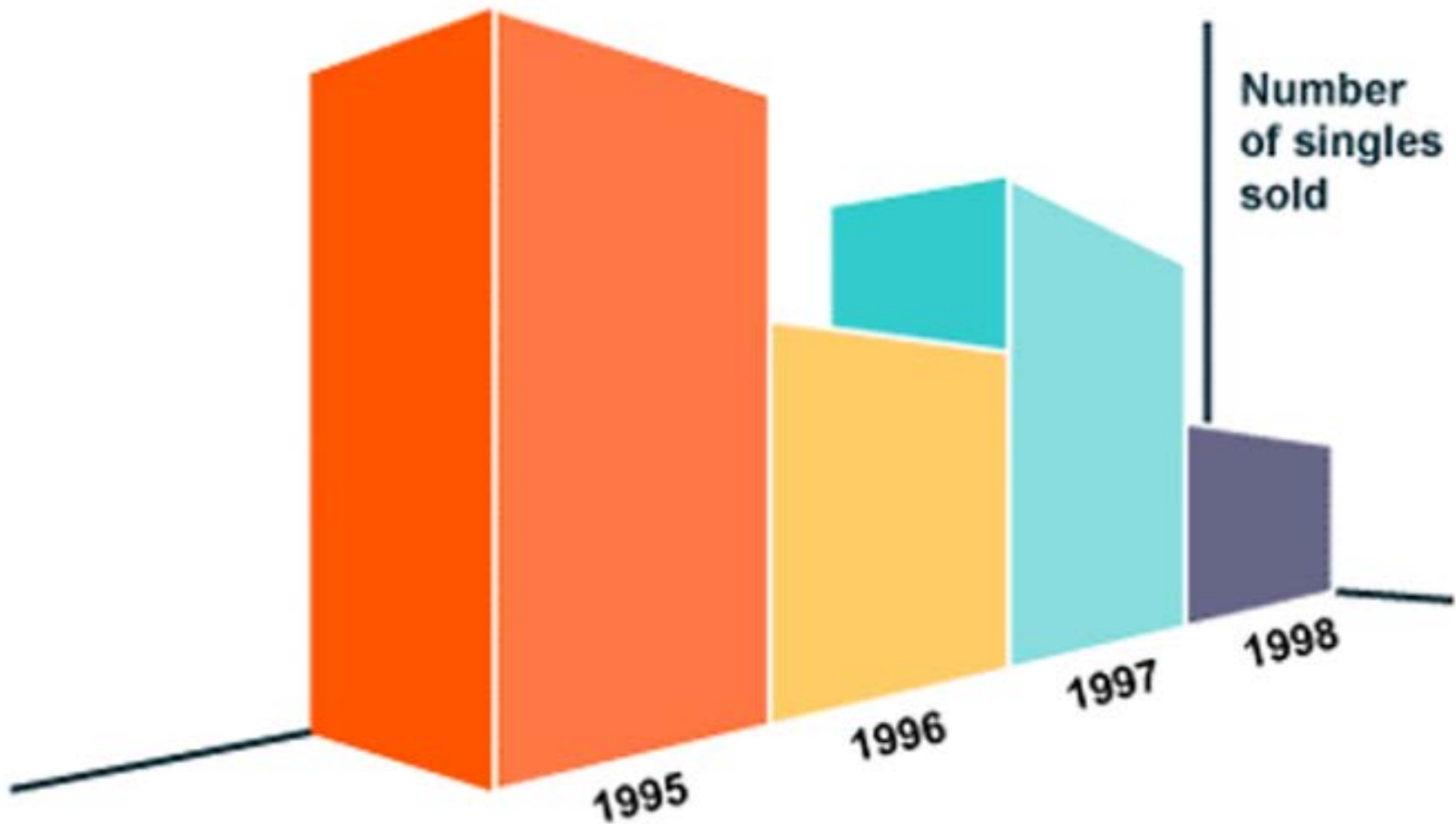
How do different countries dispose of their waste?



9. Arranging data non-intuitively



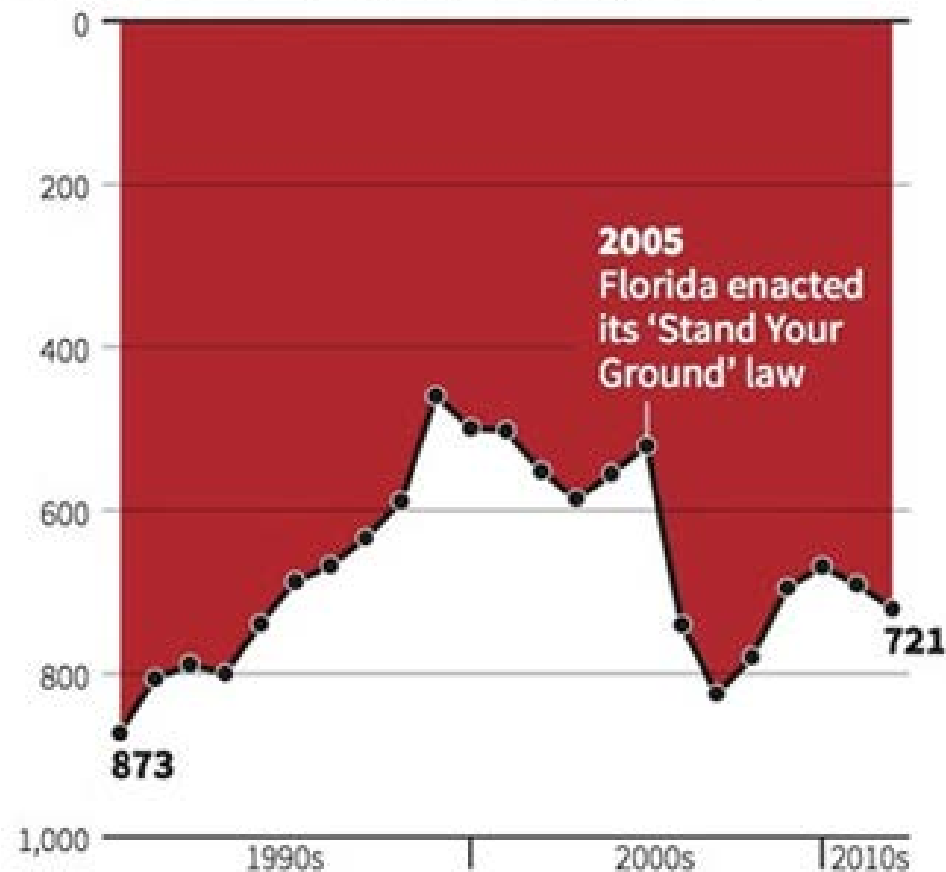
10. Misrepresenting data with 3D charts



11. Trying too hard to be different

Gun deaths in Florida

Number of murders committed using firearms



Source: Florida Department of Law Enforcement

INTRODUCTION OF INFOGRAPHICS SOFTWARE MAKER

9



3 FORMATS OF INFOGRAPHICS



STATIC INFOGRAPHICS deftly combine text and images by presenting challenging concepts in the form of graphics, charts, maps, and other visual elements. Since these infographics include still images that don't require user input, these graphic treatments serve as fixed resources.



INTERACTIVE INFOGRAPHICS depend on readers to manipulate them by selecting answers, selecting visual elements, or watching videos. With user input, these type of infographics reveal data, statistics, and other information.



MOTION GRAPHICS are always a captivating communication tool because they are packed with rich stimuli, holding the viewer's attention throughout. The narrative-based nature of motion graphics also allows you to manage the pace and manner of how the information unfolds providing a controlled and powerful environment for explaining complex subject matter. Through a combination of animated graphics, illustration, and kinetic text, the viewer can be walked through an explanation or presentation of ideas, while being entertained. It's a great combination for getting brand-centric messages across and making a connection with the viewer. Motion graphics design is a specialized skill, so creating a motion infographic is more expensive than a comparable static infographic. While printing a motion graphic is not possible, videos can be easily shared.



Static
Infographics



Adobe Illustrator

Interactive
Infographics



Adobe Edge Animate + Adobe Illustrator

Motion
Infographics



Adobe After Effect + Adobe Illustrator
+ Adobe Premiere



Thank You



ZULHAN RUDYANSYAH