

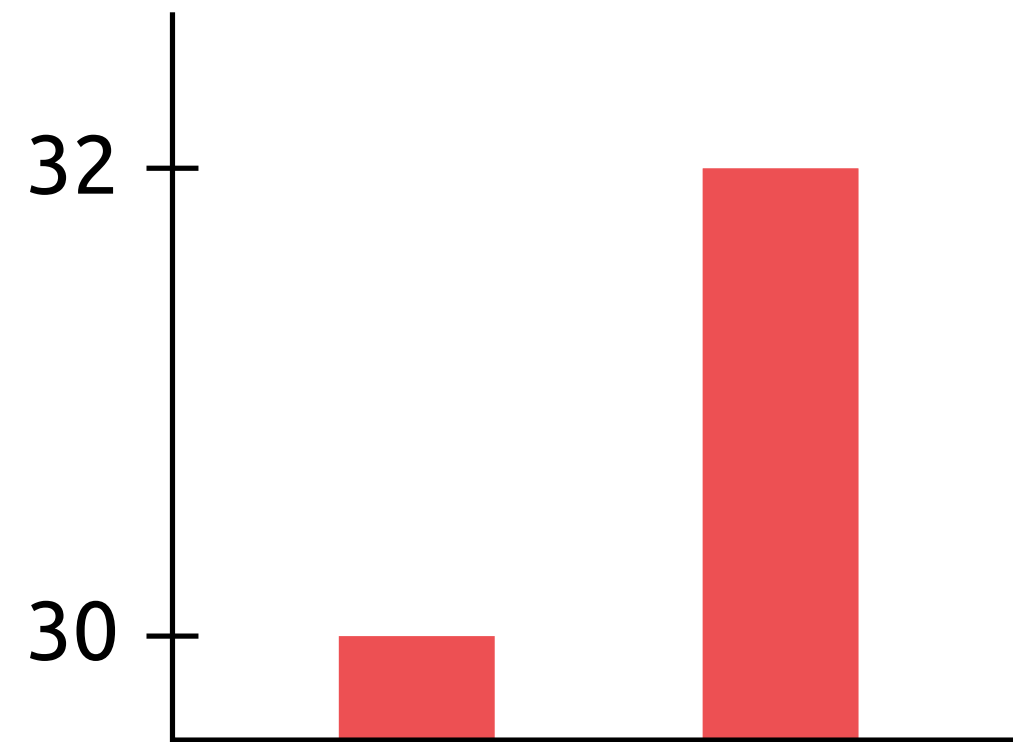
Visualisation de données

11 - Dos and don'ts

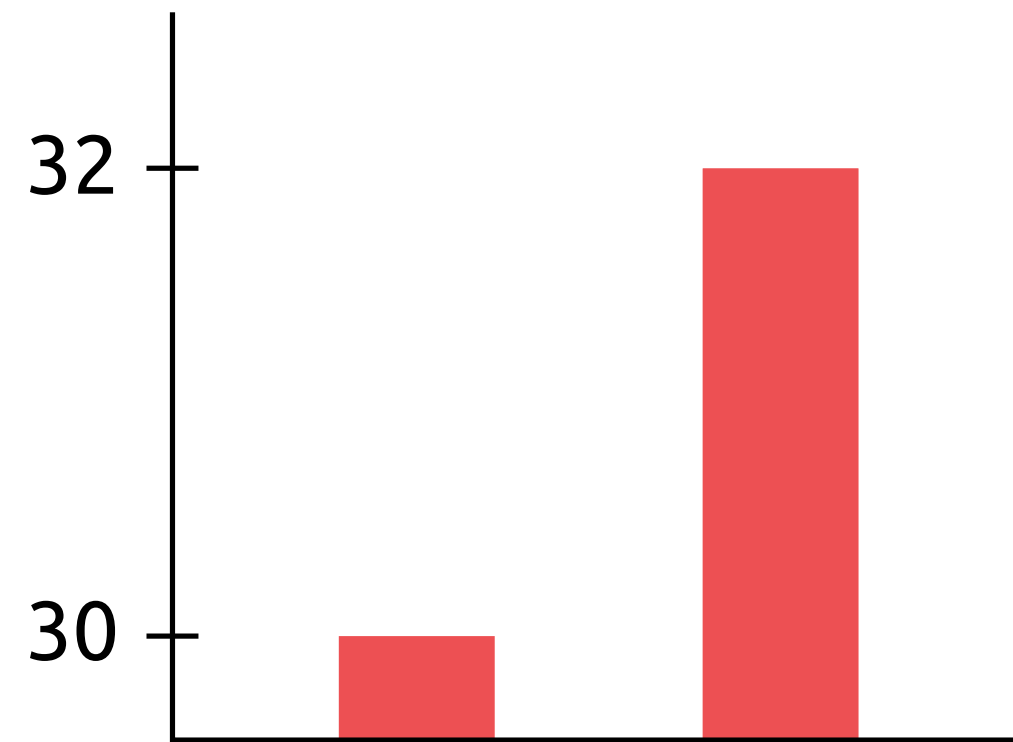
20 mars 2024

Noemi Romano

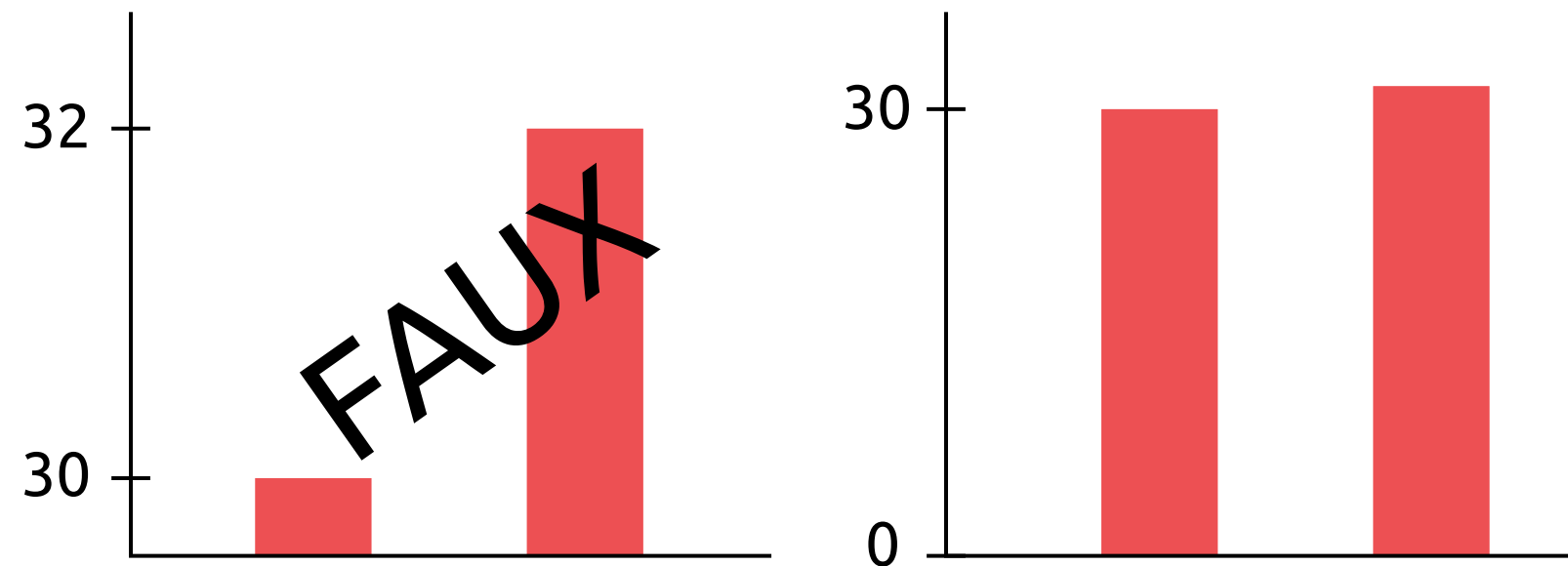
noemi.romano@heig-vd.ch



Ne pas couper les axes



Couper les axes





Donald J. Trump ✓
@realDonaldTrump

Suivre



#CrookedHillary = Obama's third term, which would be terrible news for our economic growth - seen below.

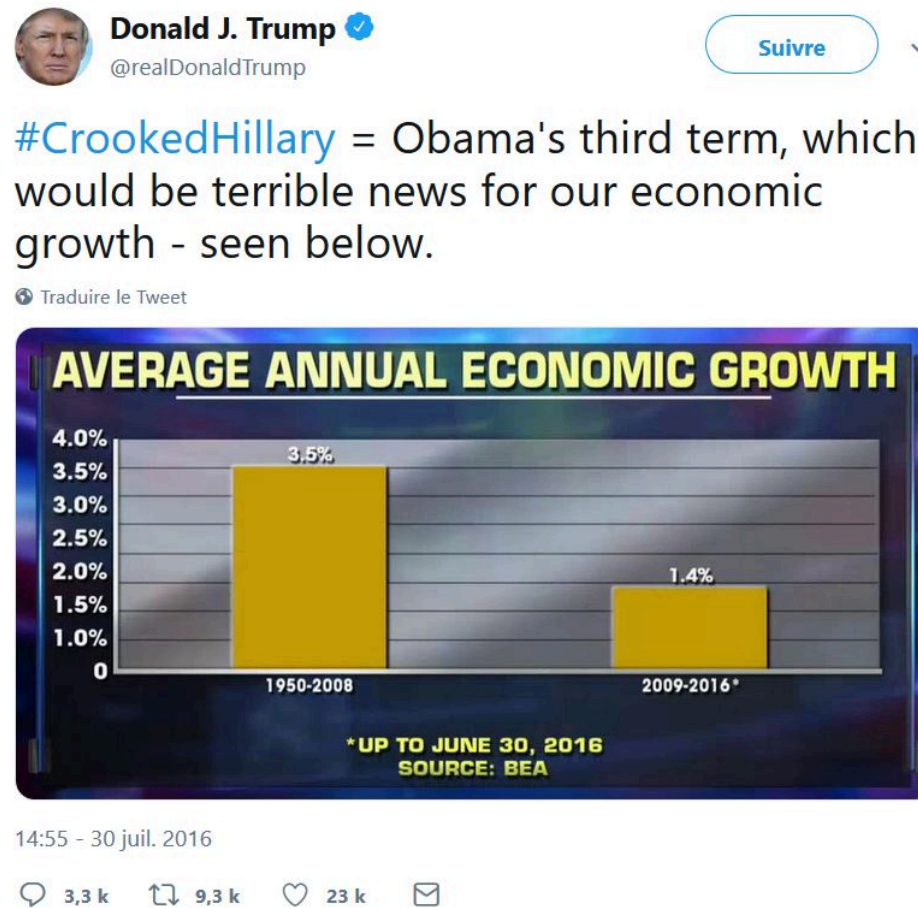
Traduire le Tweet

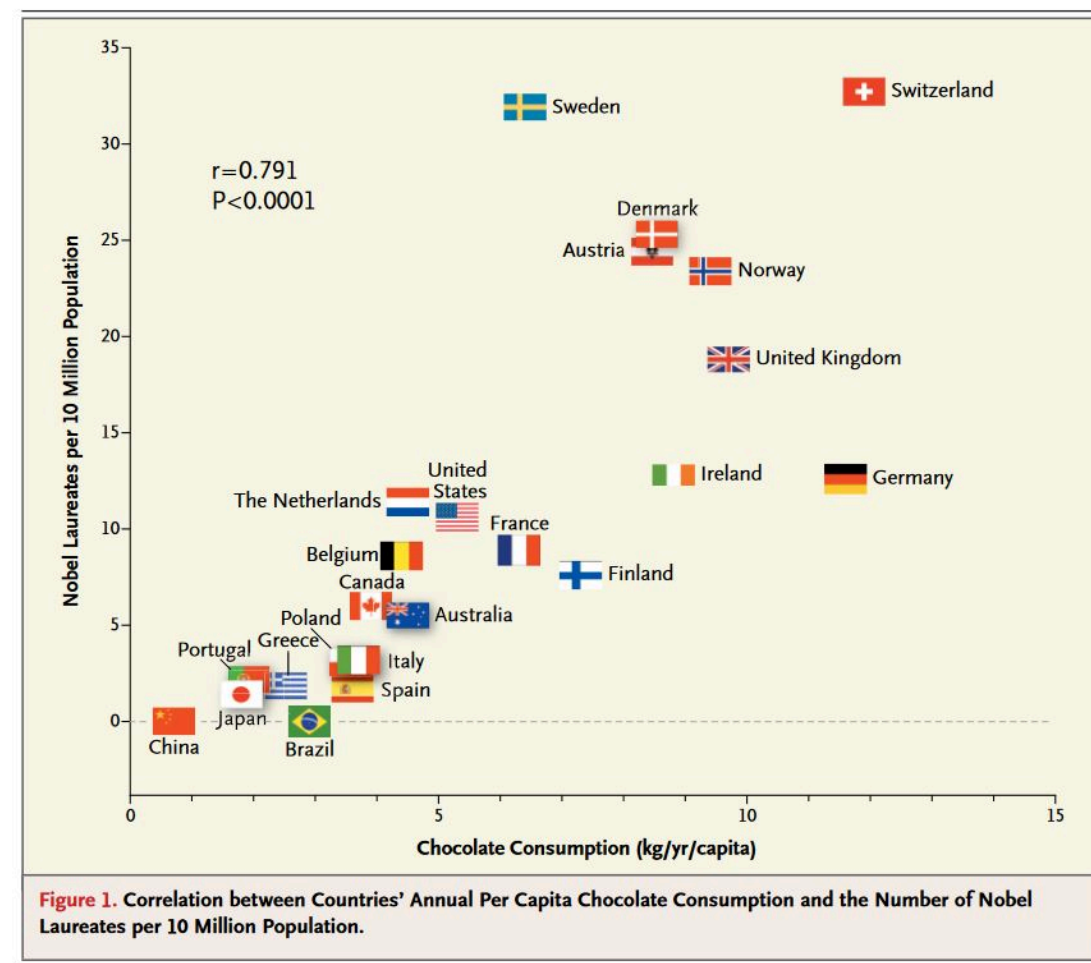


14:55 - 30 juil. 2016

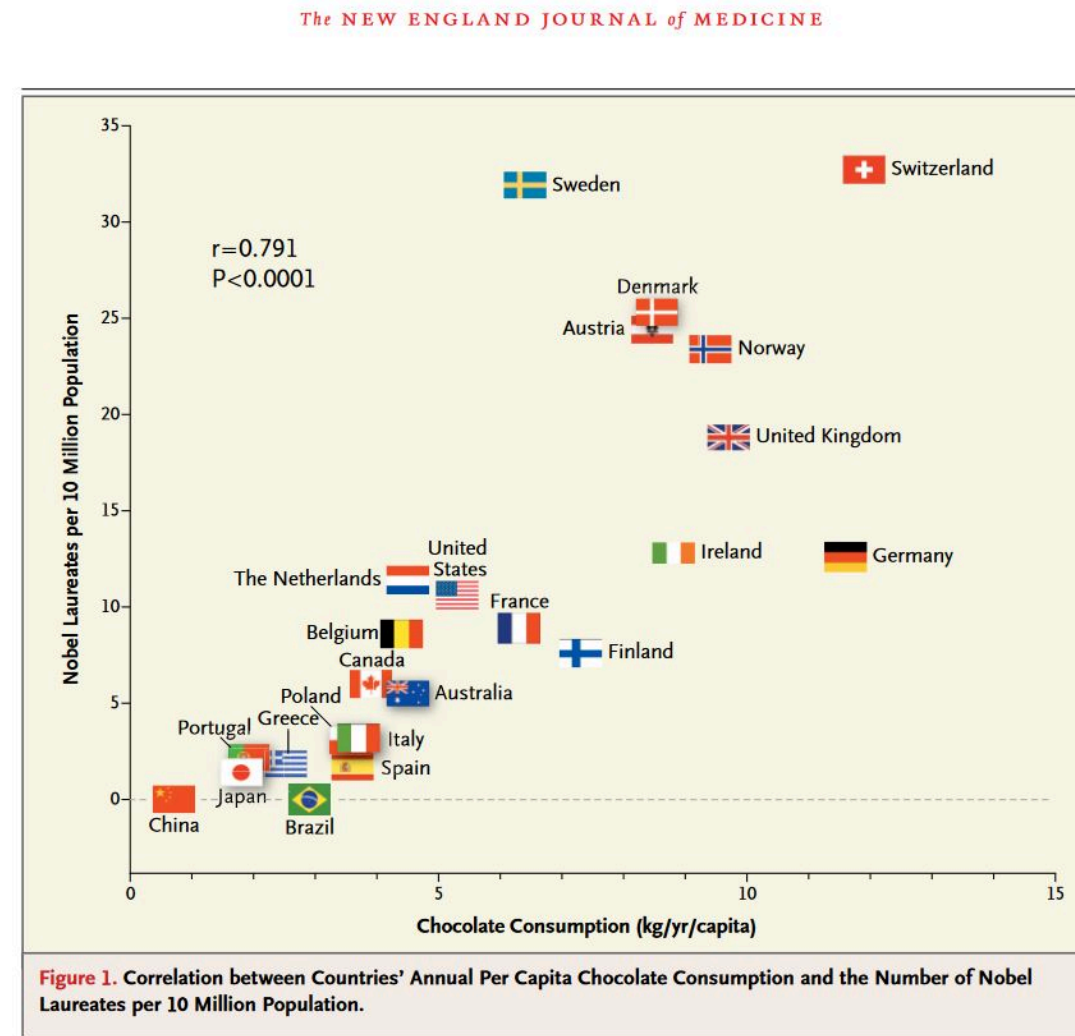
3,3 k 9,3 k 23 k

Comparer des pommes avec des poires

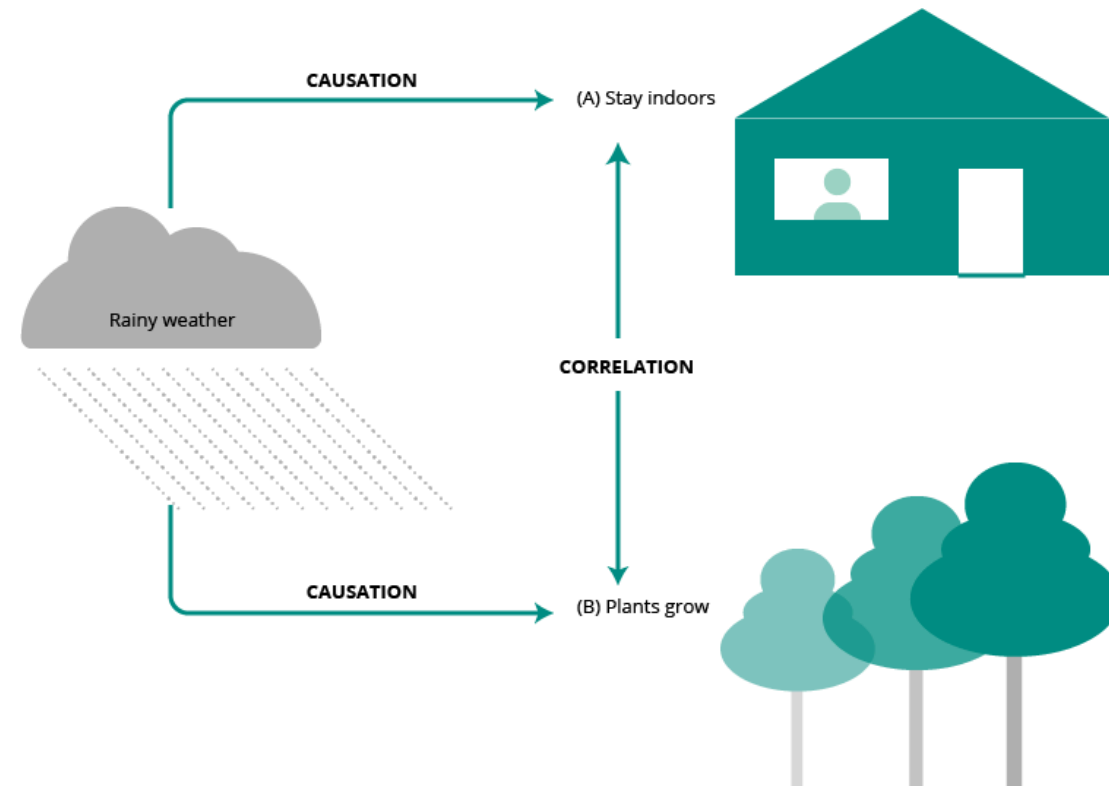




Correlation et causalité



Correlation et causalité

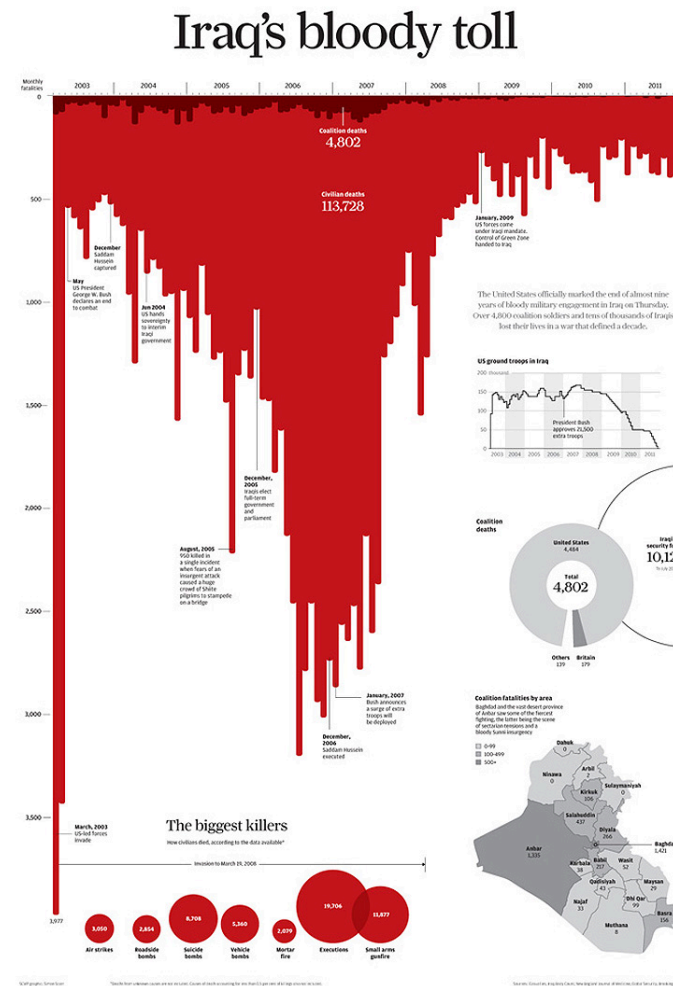


Source: Dos and don'ts of data visualisation – European Environment Agency (eea.europa.eu)

[illegible]

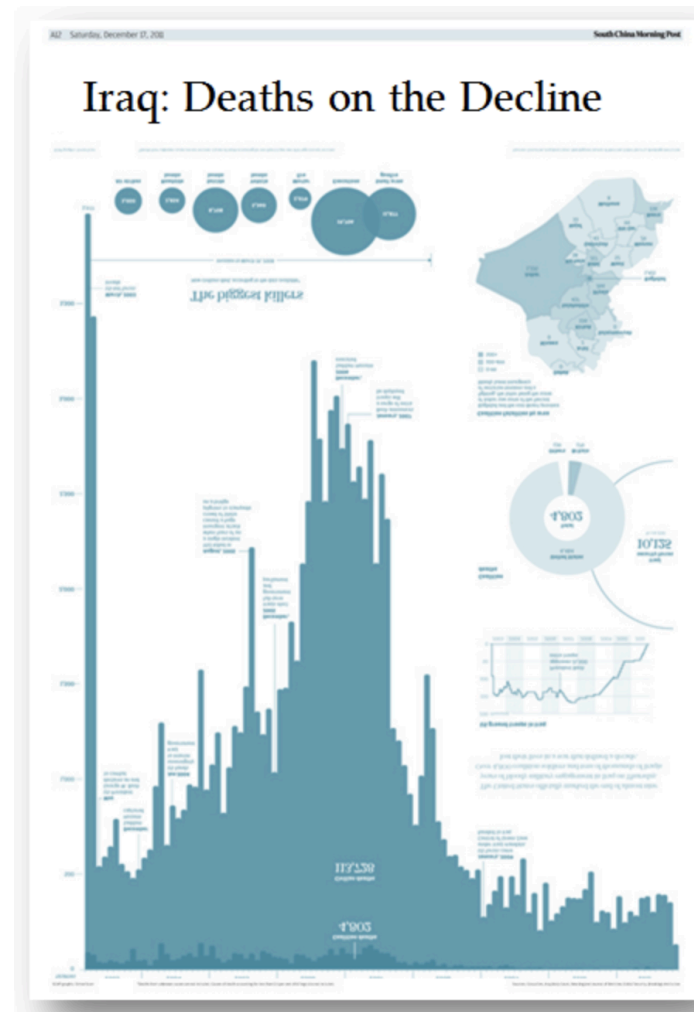
7

Passer le bon message



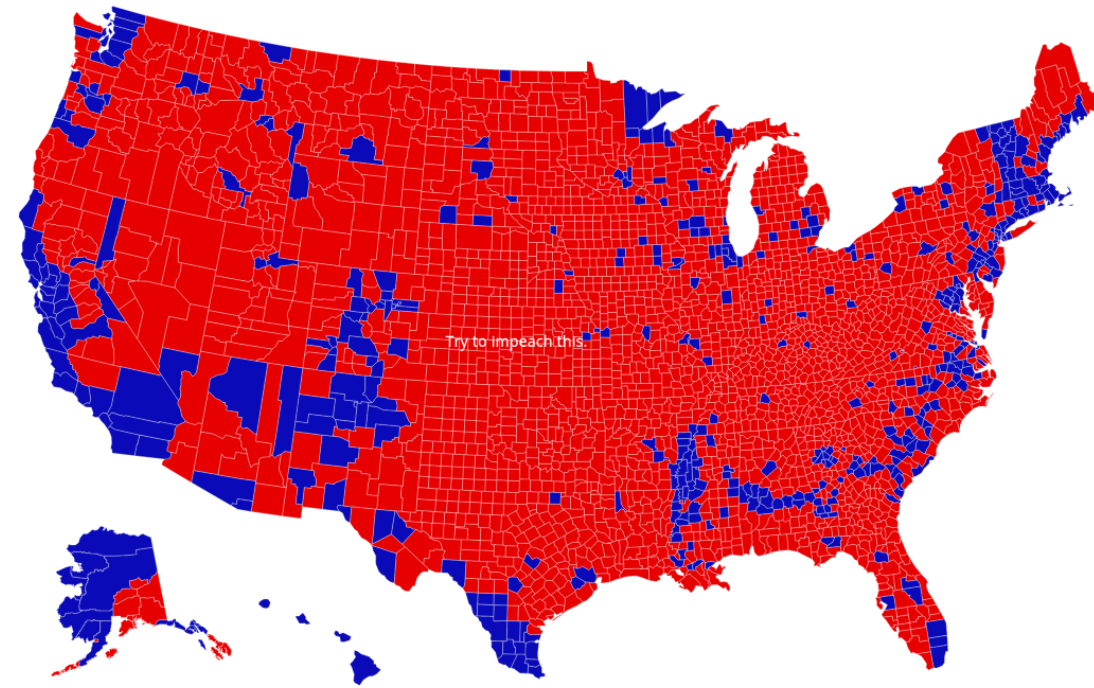
Source: Iraq's casualties - Simon Scarr, South China Morning Post, 2011

Passer le bon message



Source: Iraq: Deaths on the Decline - Andy Cotgreave, 2014

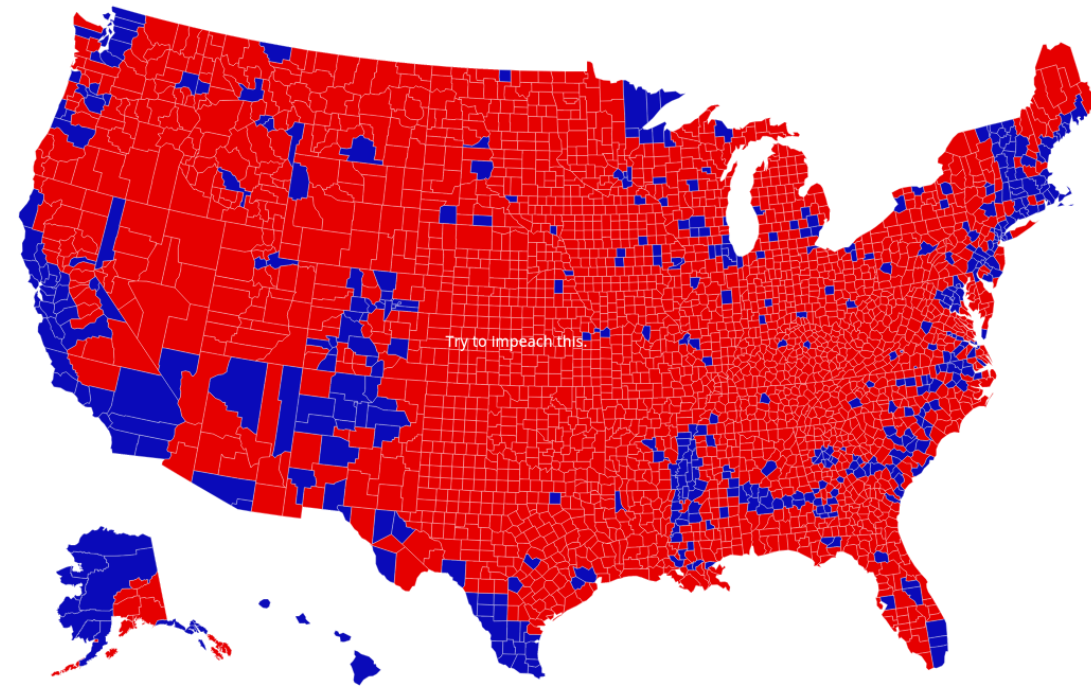
Try to impeach this?
Challenge accepted!



Source: Try to impeach this – Karim Douieb, 2019

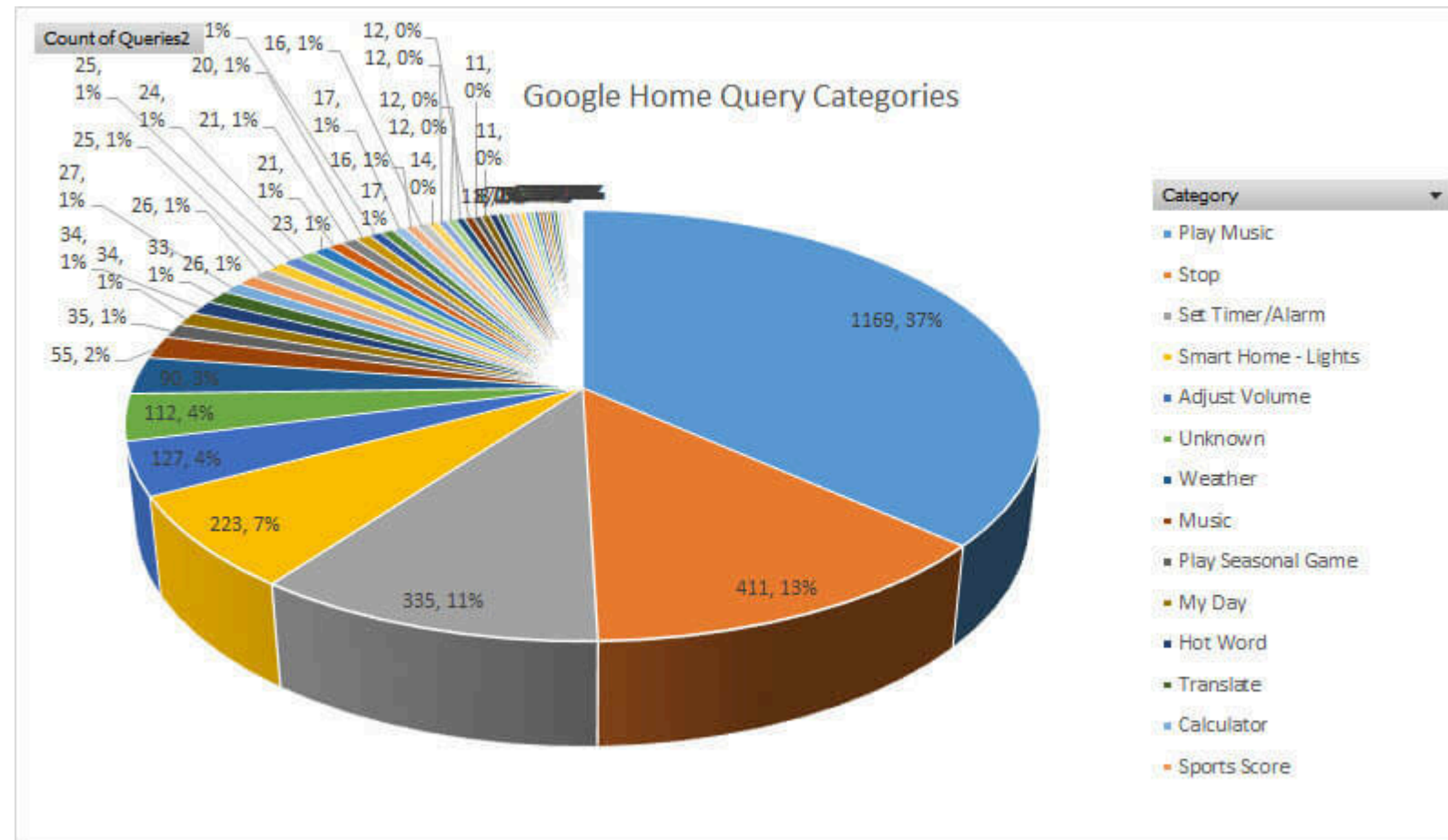
Rapporter à la population

Try to impeach this?
Challenge accepted!

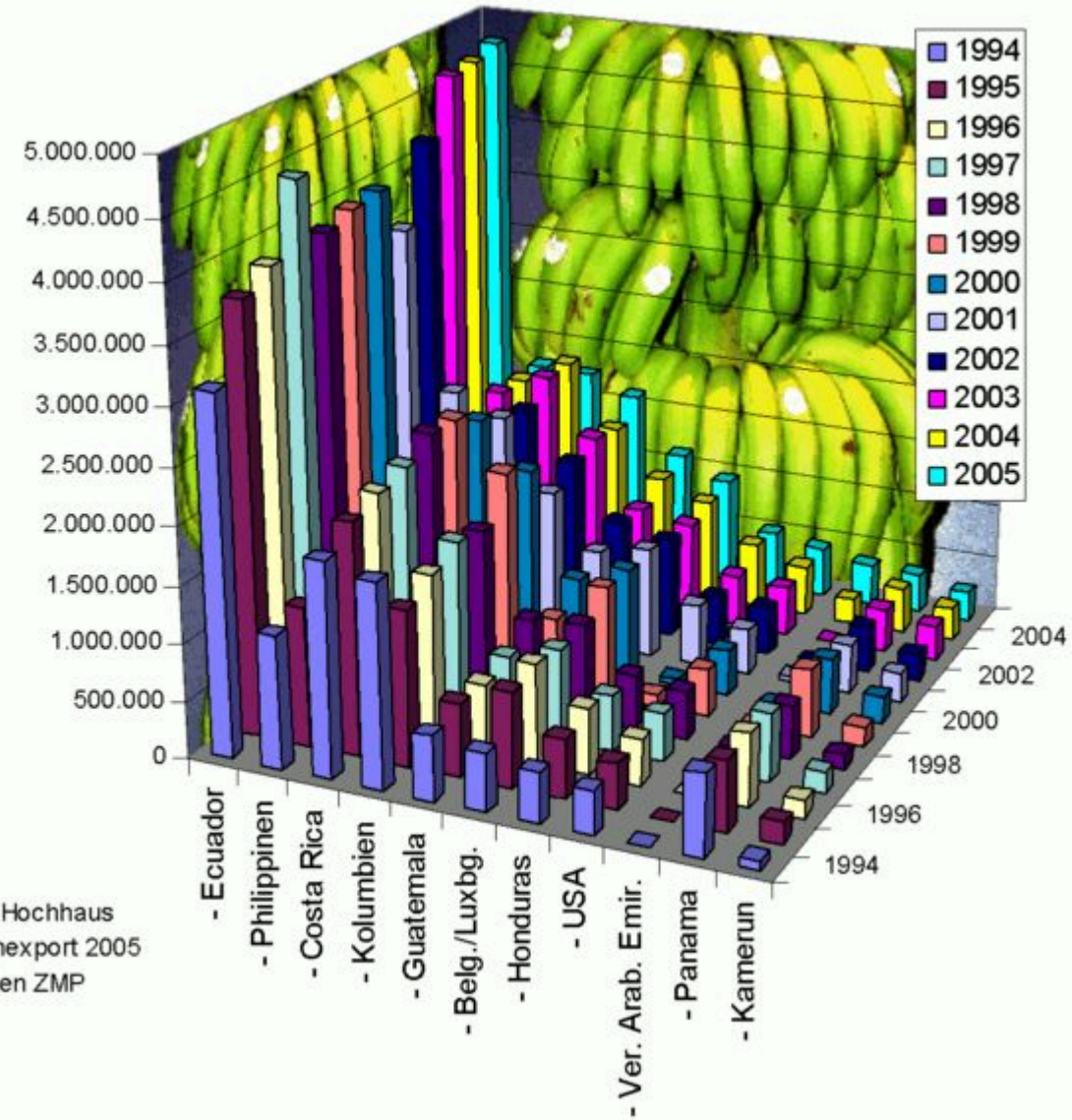


Source: Try to impeach this – Karim Douieb, 2019

Doser l'information

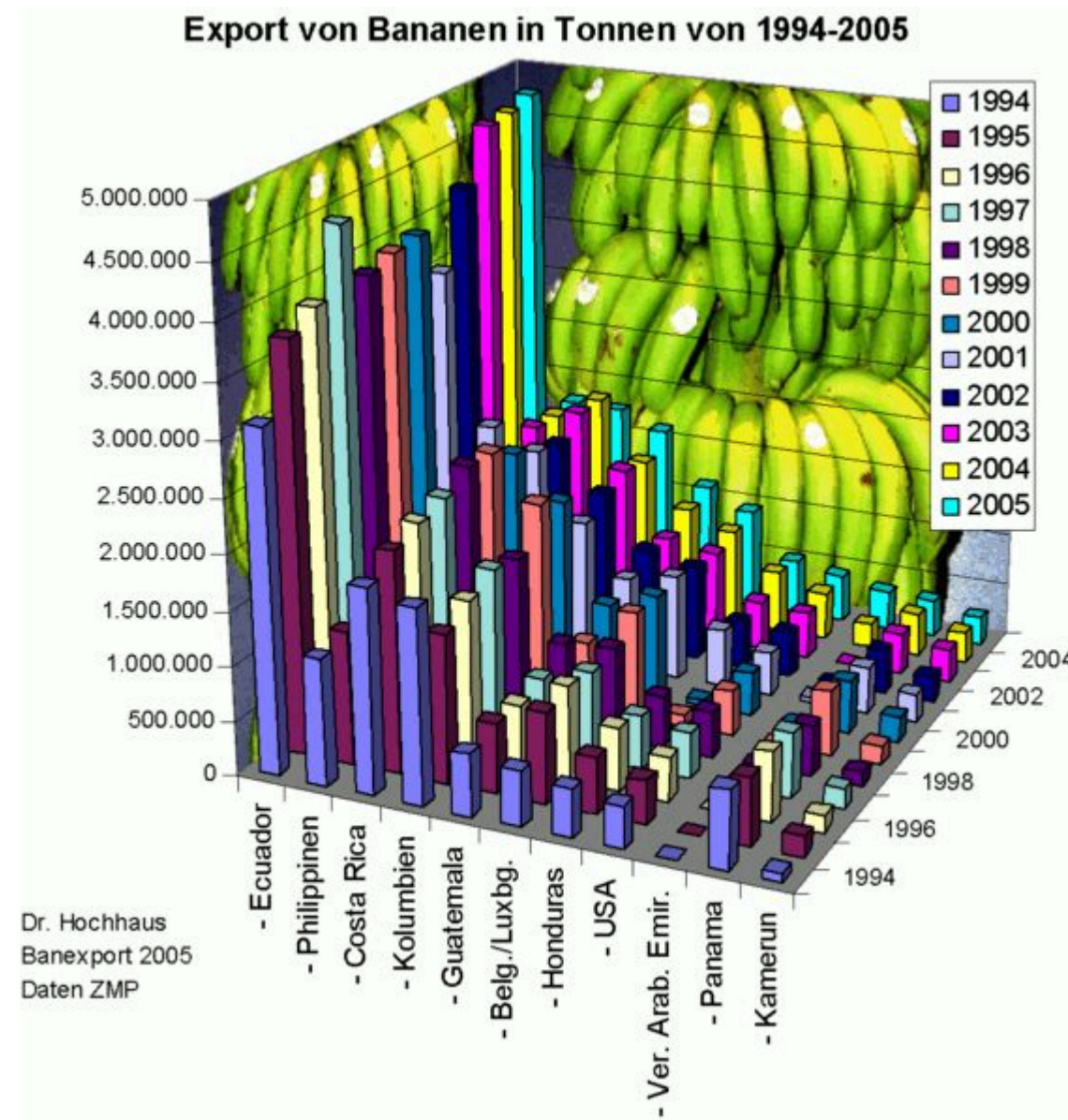


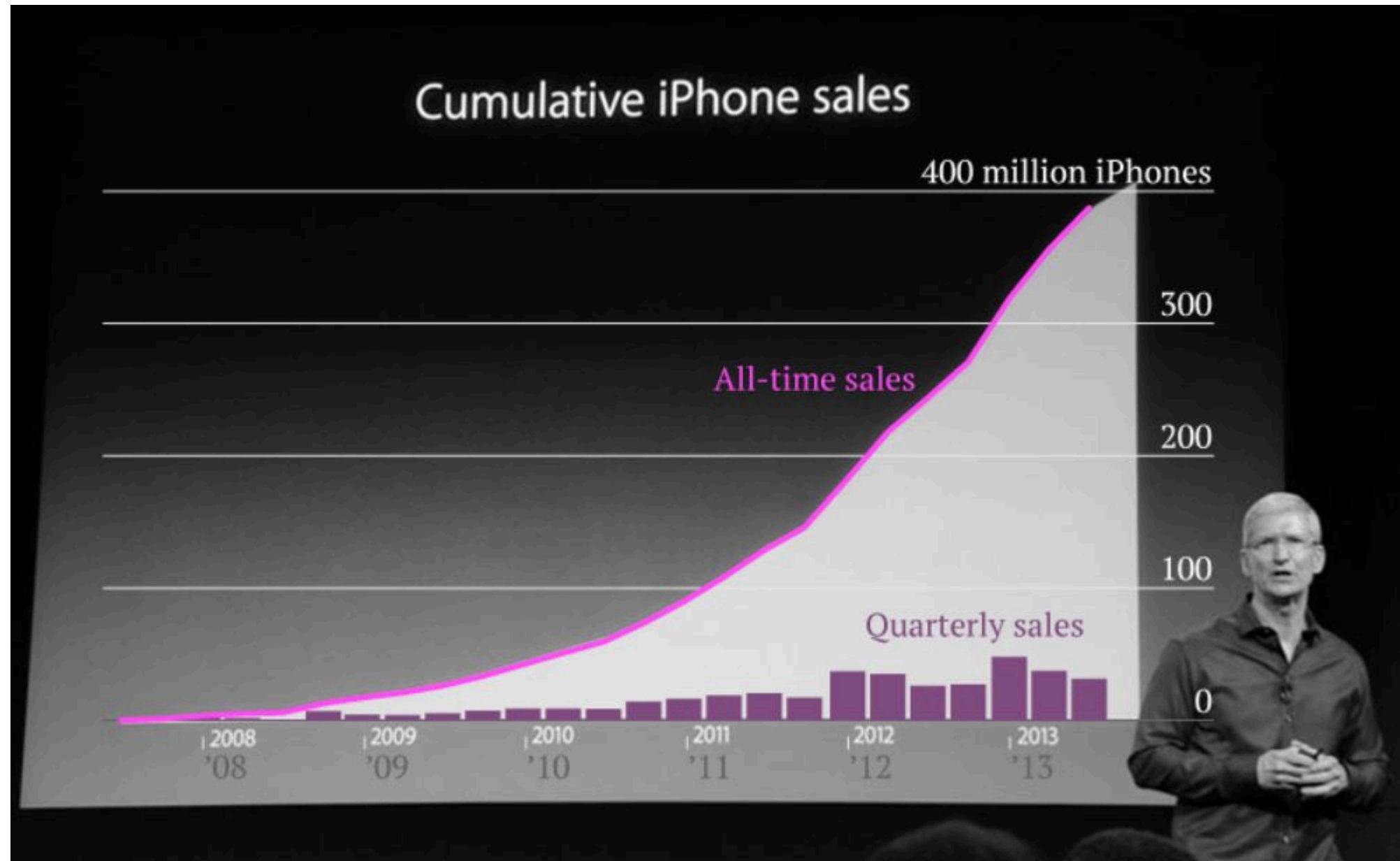
Export von Bananen in Tonnen von 1994-2005



Dr. Hochhaus
Banexport 2005
Daten ZMP

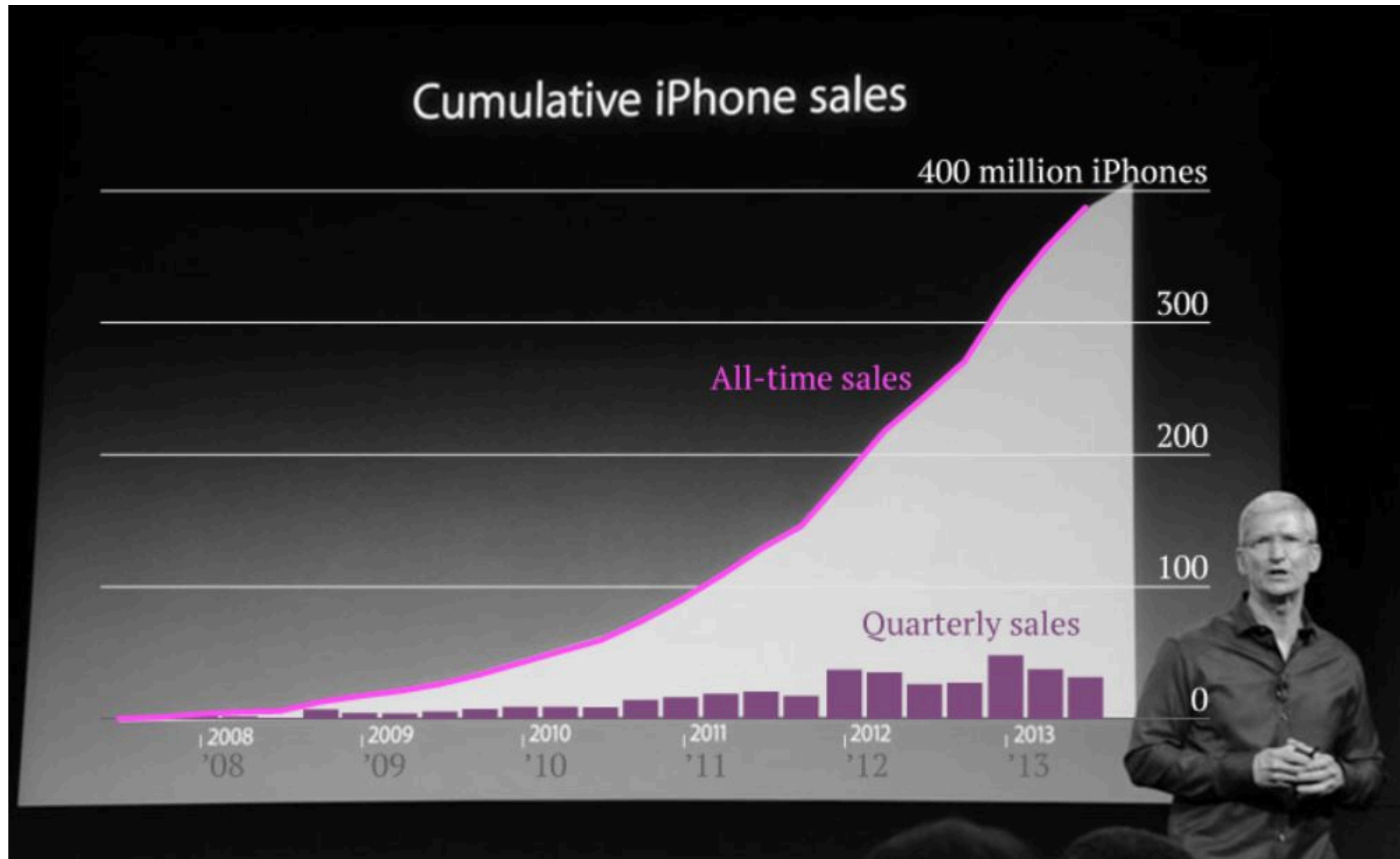
Utiliser la 3D avec précaution





Source: Cumulative iPad sales chart provided by Apple, 2013

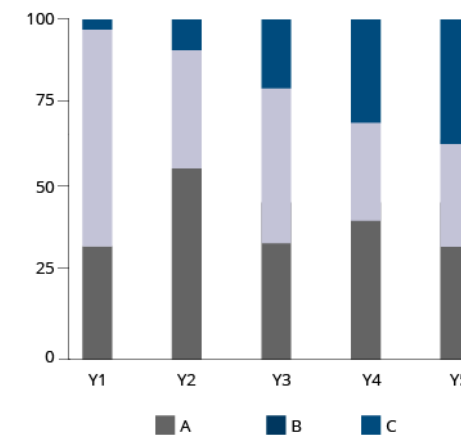
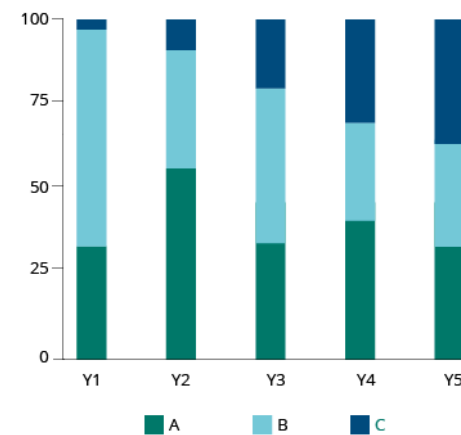
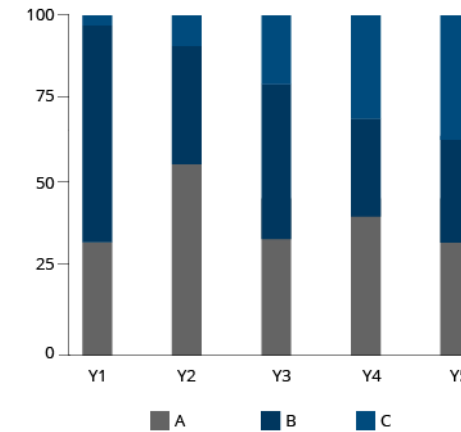
Cumulation trompeuse



Source: Cumulative iPad sales chart provided by Apple, 2013

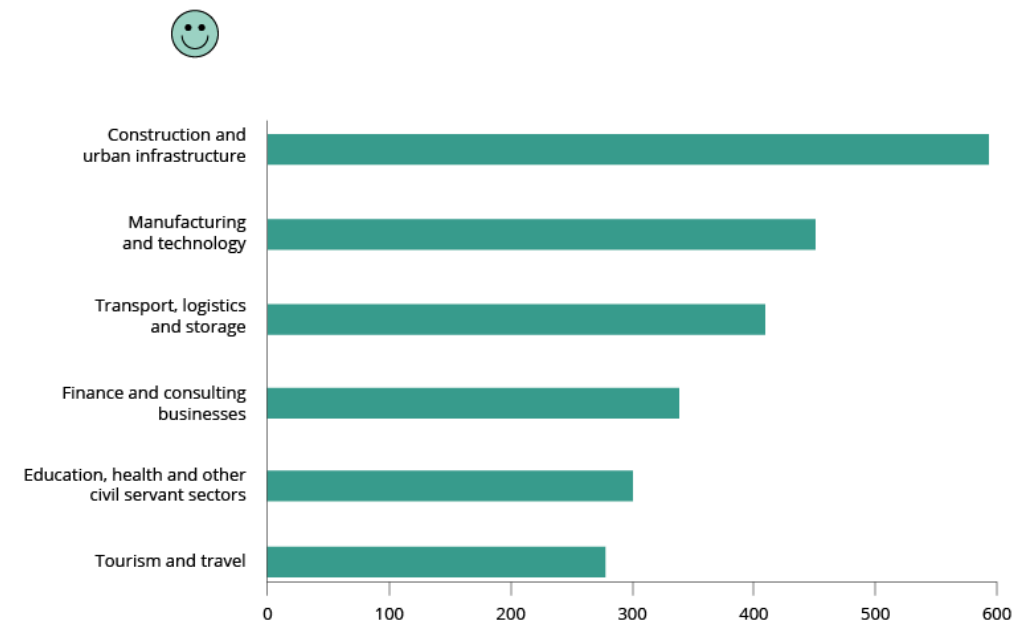
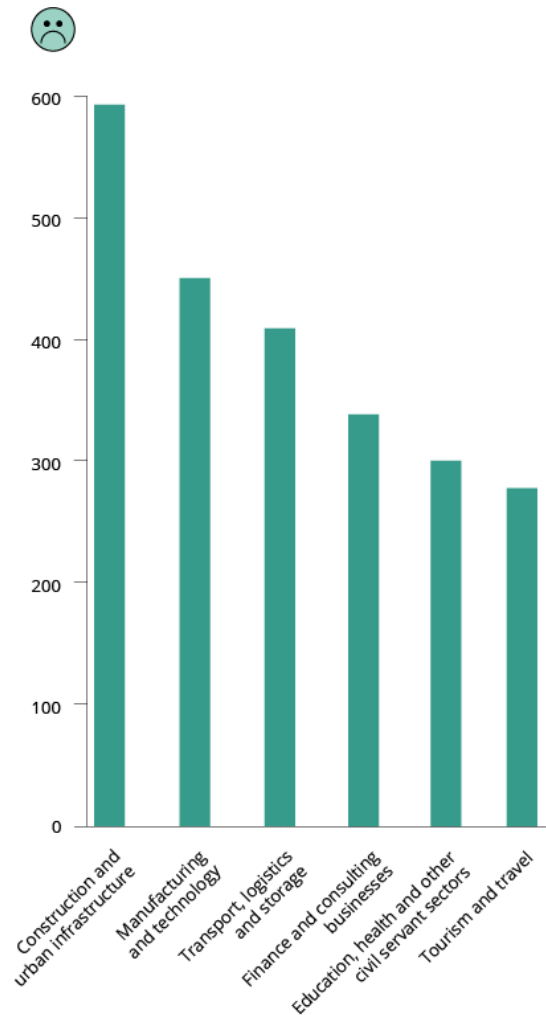
Utiliser les bonnes couleurs

8% de la population masculine est daltonienne (1/12)



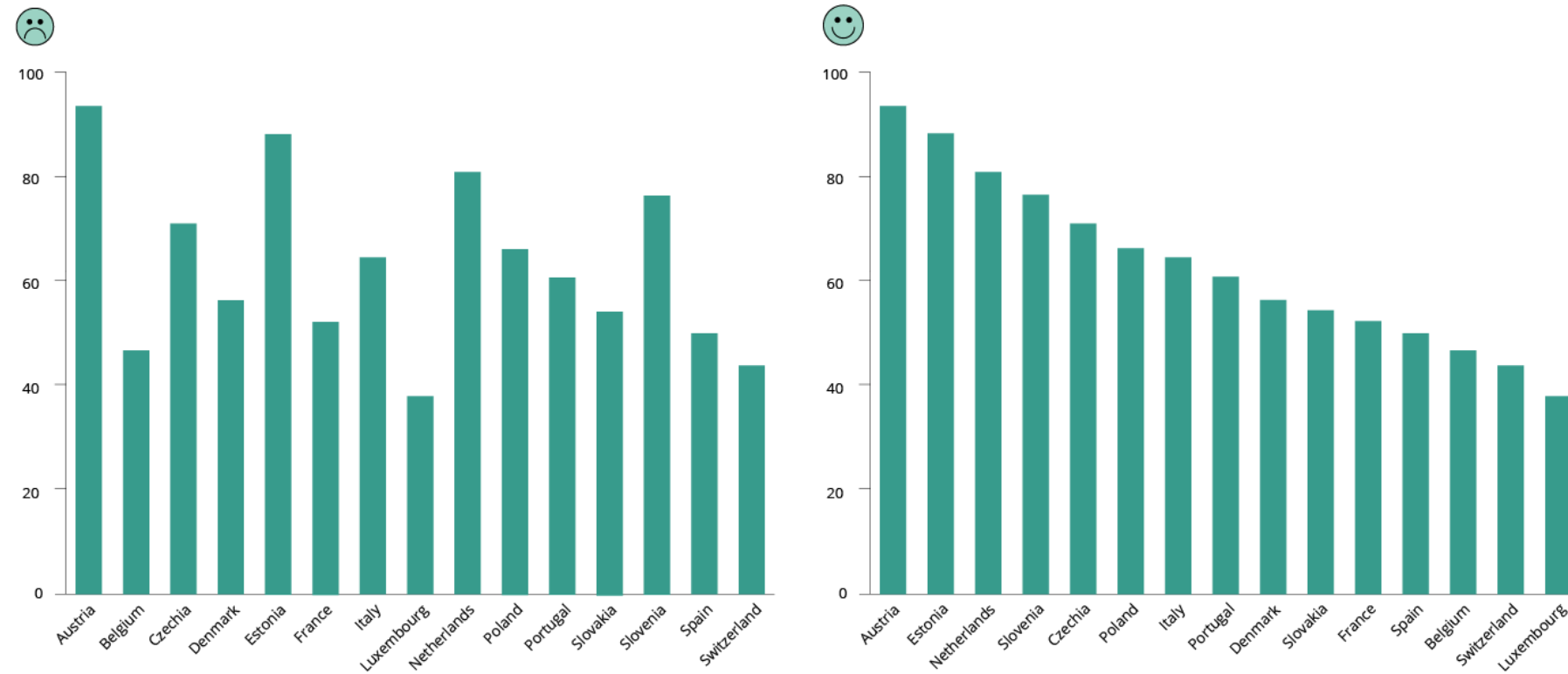
Source: Dos and don'ts of data visualisation – European Environment Agency (eea.europa.eu)

Tourner les diagrammes en bâtons



Source: Dos and don'ts of data visualisation – European Environment Agency (eea.europa.eu)

Ordonner les données



Source: Dos and don'ts of data visualisation – European Environment Agency (eea.europa.eu)

Projet

- Création, chargement, manipulation des données
- Visualisations statiques