

# WEEK III

## VISUALIZATION FOR COMMUNICATION

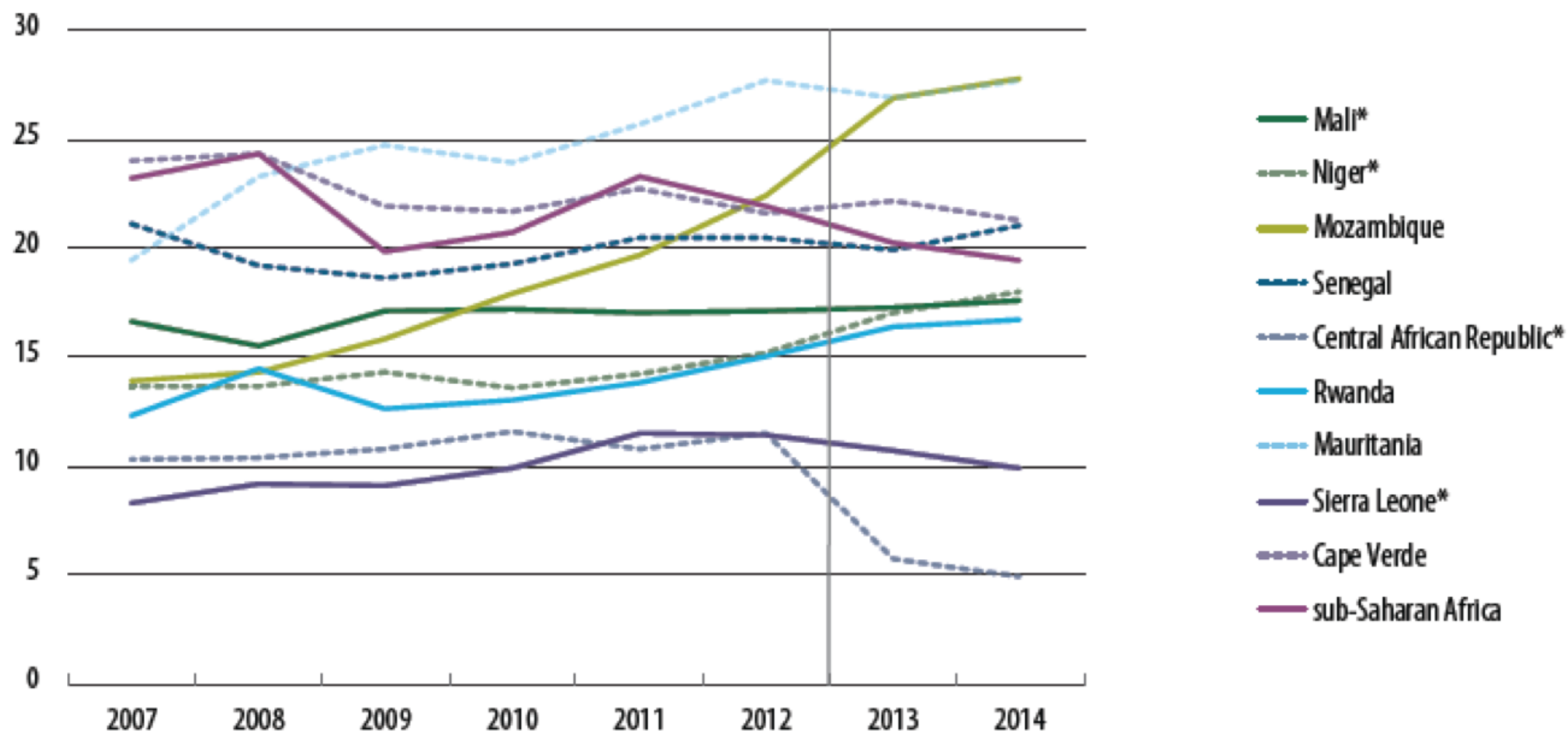
*Part three:*

# design for understanding

**ORGANIZE AND DECLUTTER**

Figure 2

## Revenue-to-GDP ratio evolution 2007-2014

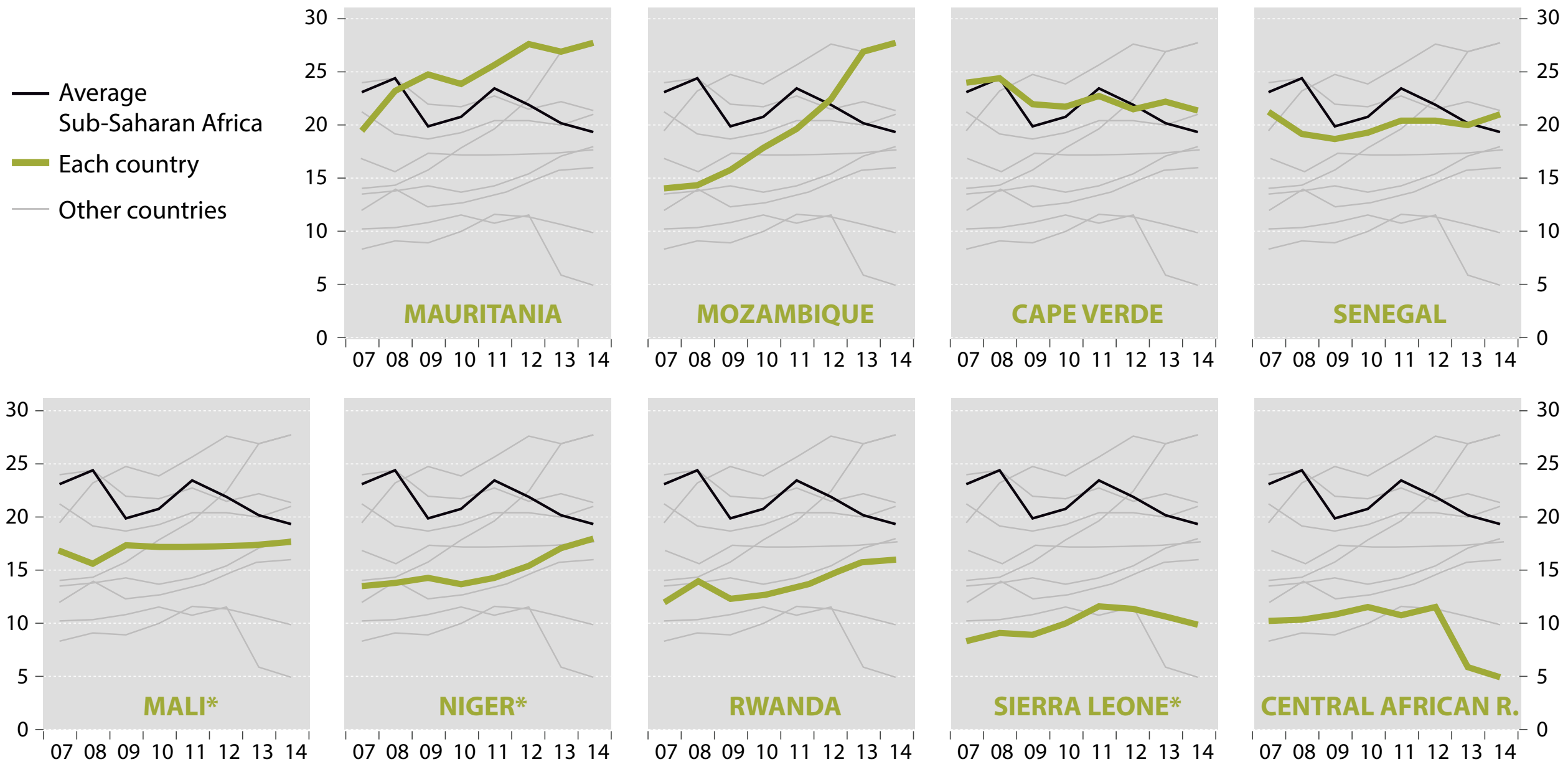


\* Countries with DRM indicators.

Source: IMF Regional Economic Outlook, October 2015. Mauritania figures from African Economic Outlook 2012, 2014 and 2016 / European Court of Auditors (calculation).

Figure 2

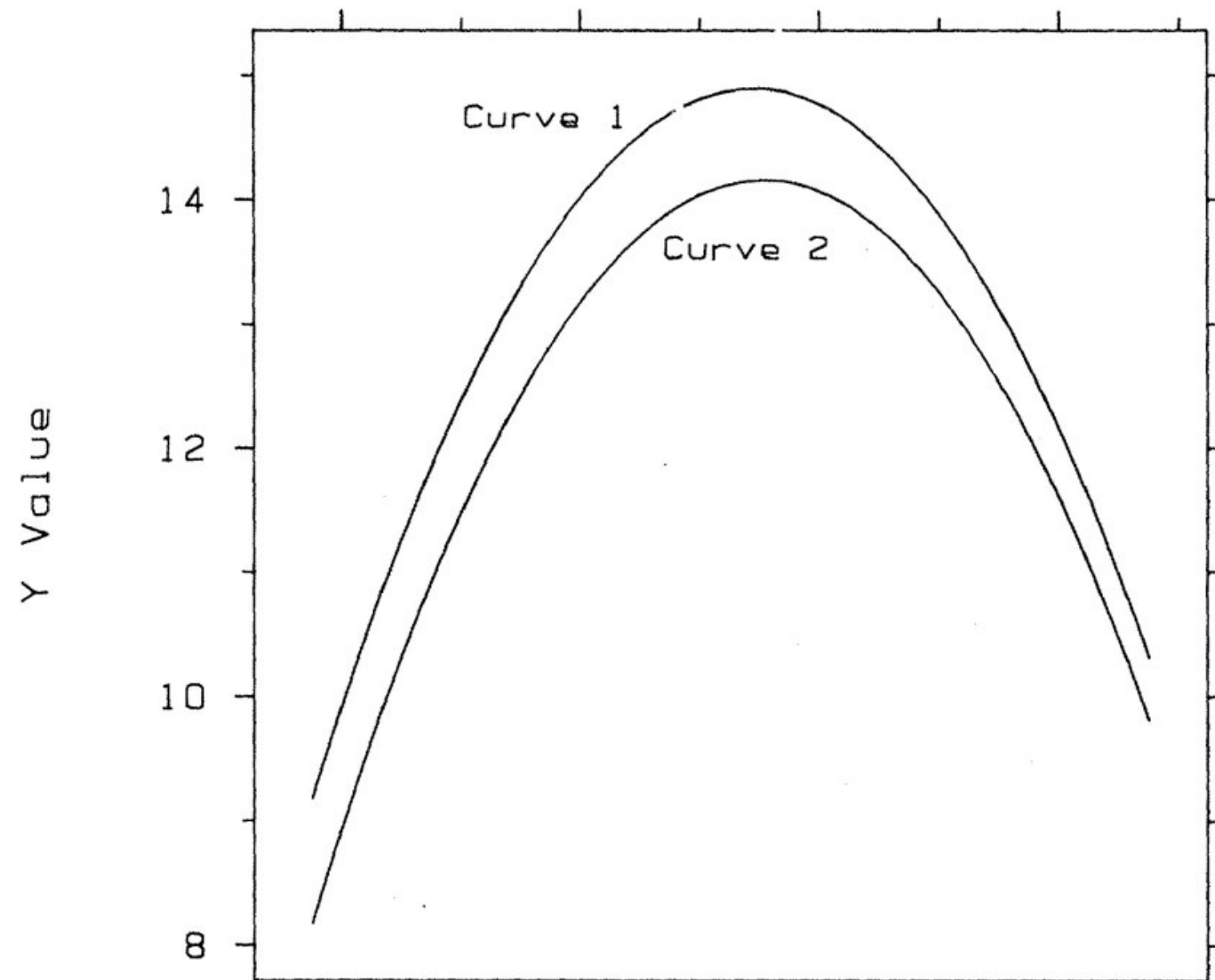
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# Show things as directly as possible

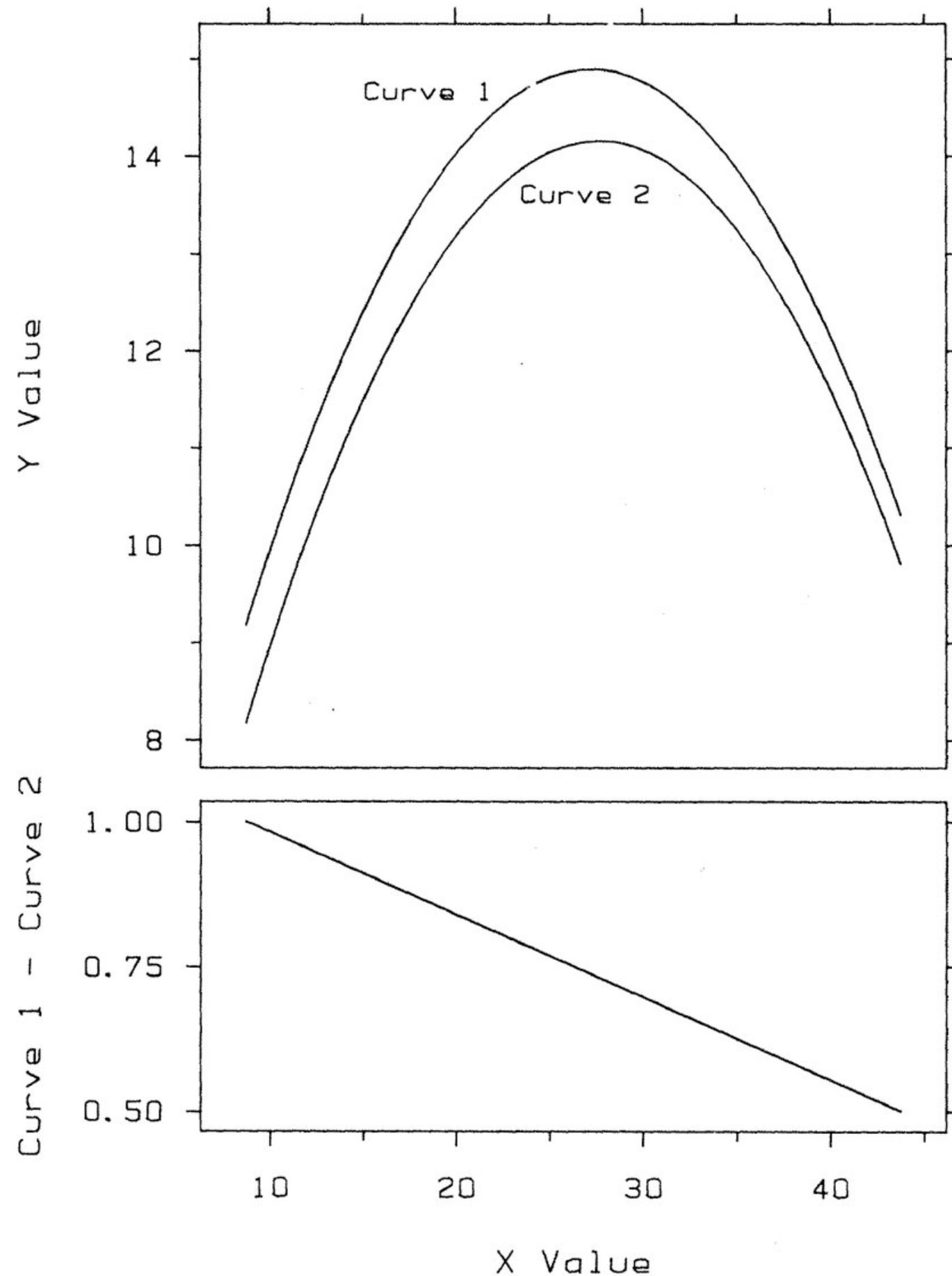


**William Cleveland**  
**Robert McGill**

Graphical Perception and  
Graphical Methods for  
Analyzing Scientific Data

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pdfs.semanticscholar.org/565d/  
843c2c0e60915709268ac4224  
894469d82d5.pdf](https://pdfs.semanticscholar.org/565d/843c2c0e60915709268ac4224894469d82d5.pdf)

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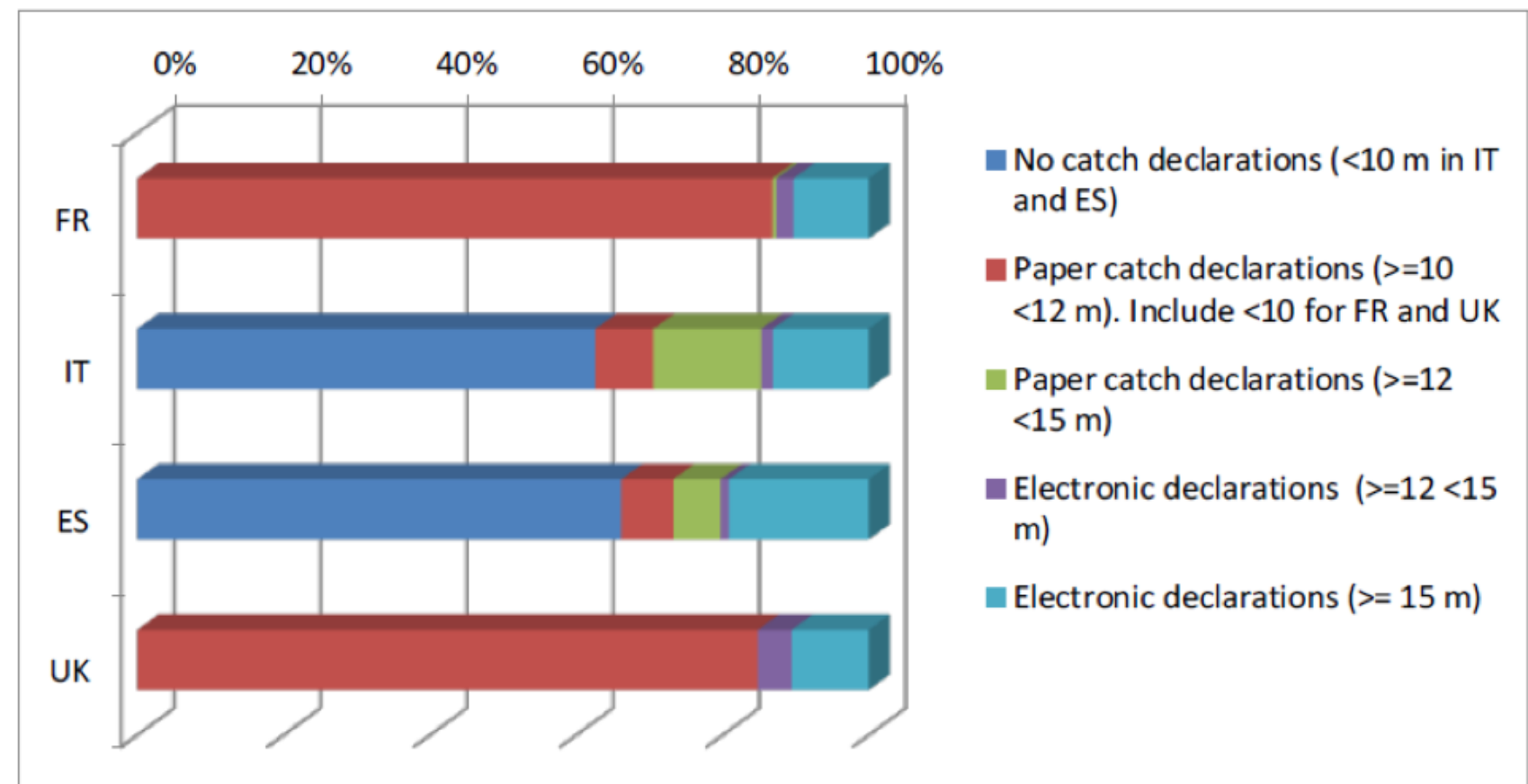
### 3.4 EU fisheries controls- SR 2017/08

Pages 34-35

51. The proportion of vessels in the Member States visited<sup>25</sup> using paper and electronic data declarations is illustrated in **Figure 6**. This shows that relatively few vessels used electronic declarations. In Spain and Italy most vessels between 12 and 15 meters long (85 % and 90 % of the vessels respectively) were exempted from electronic declaration.

08

Figure 6 - Proportion of vessels that register catch and landing data, and data format



Reduce clutter

### 3.4 EU fisheries controls- SR 2017/08

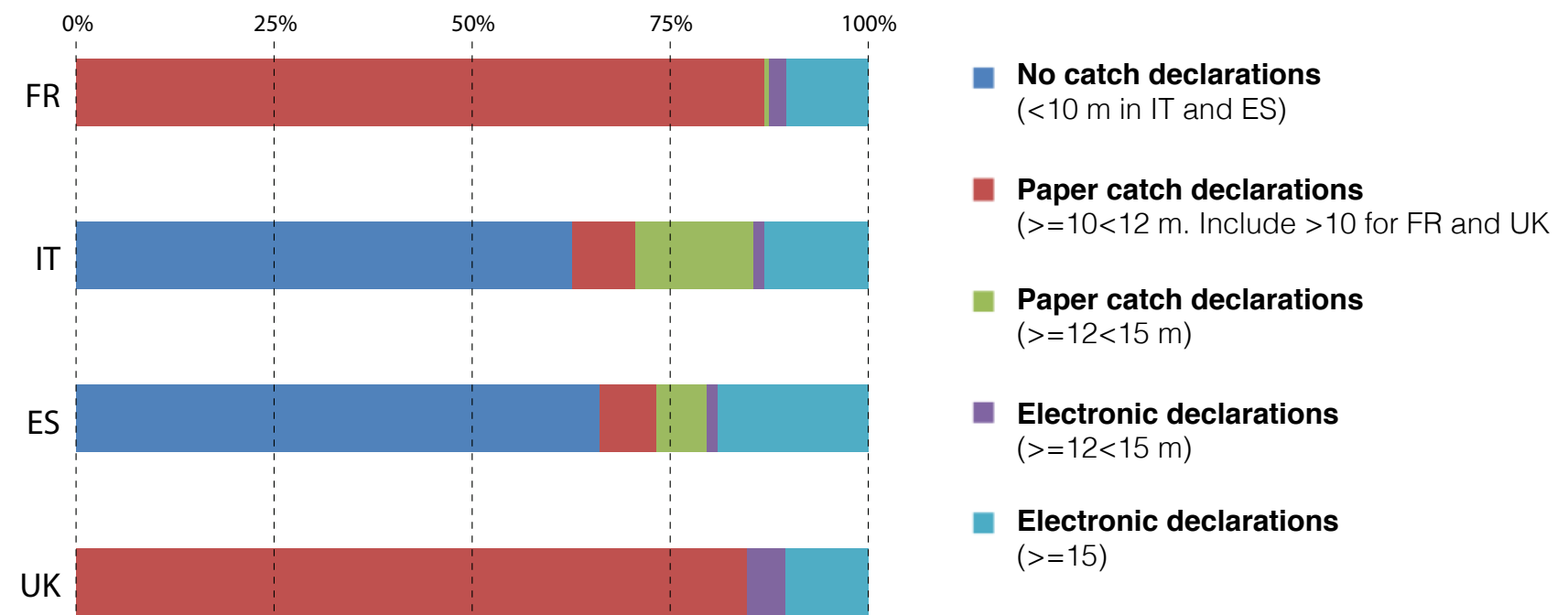
Pages 34-35

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08

35

**Figure 6 - Proportion of vessels that register catch and landing data, and data format**



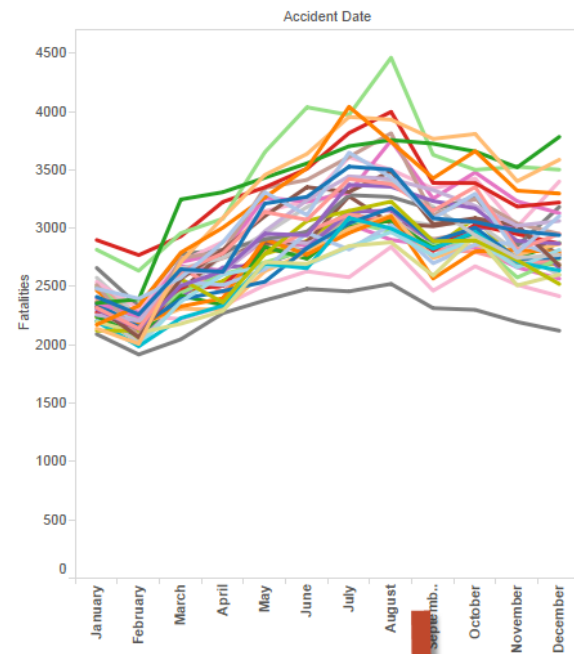
Reduce clutter



## Fewer people are dying on US roads, but seasonal trends

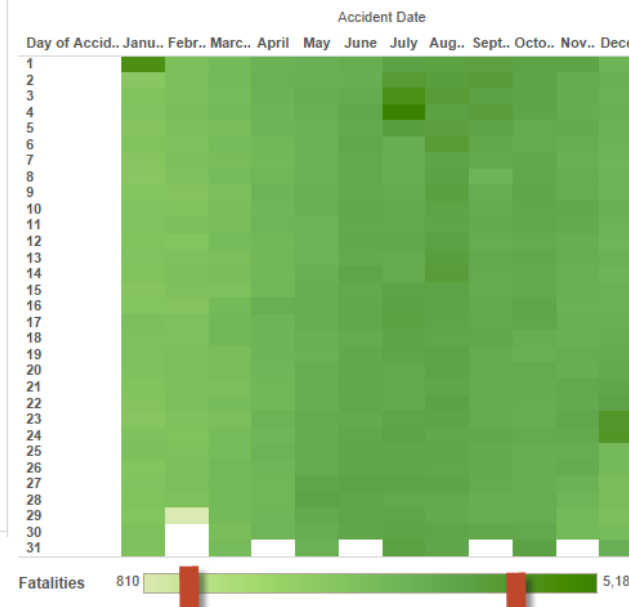
There have been 1,236,670 road fatalities in the US between 1979 and 2011. This dashboard explores the seasonality in the data.

1. Every year sees the same peaks and troughs in fatalities



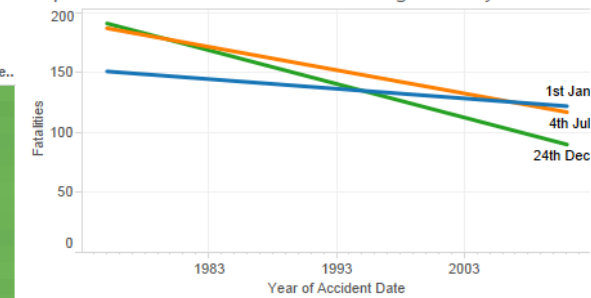
2. Three holidays (New Year, July 4th and Christmas) are particularly lethal

Highlight table of fatalities by day and month for years: All

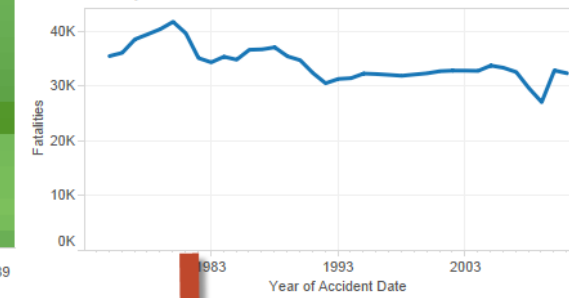


3. Fortunately, those holidays are getting safer...

Slope chart of deaths on the 3 most dangerous days



...which is part of an overall reduction in fatalities

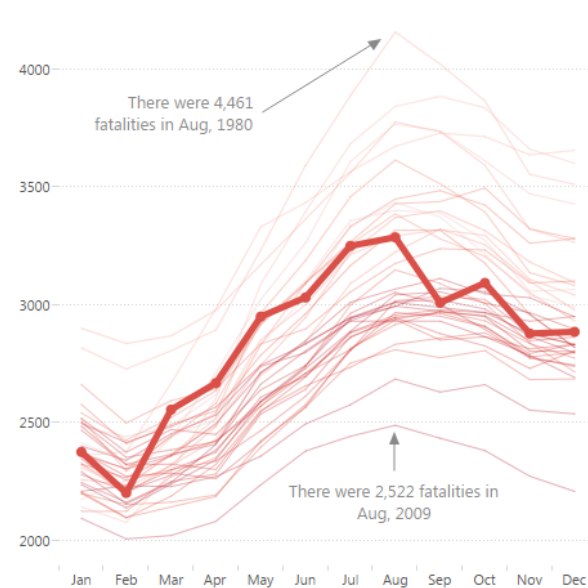


## Fewer people are dying on US roads, but seasonal trends persist.

There have been 1,263,670 road fatalities in the US between 1979 and 2011. This dashboard explores the seasonality in the data.

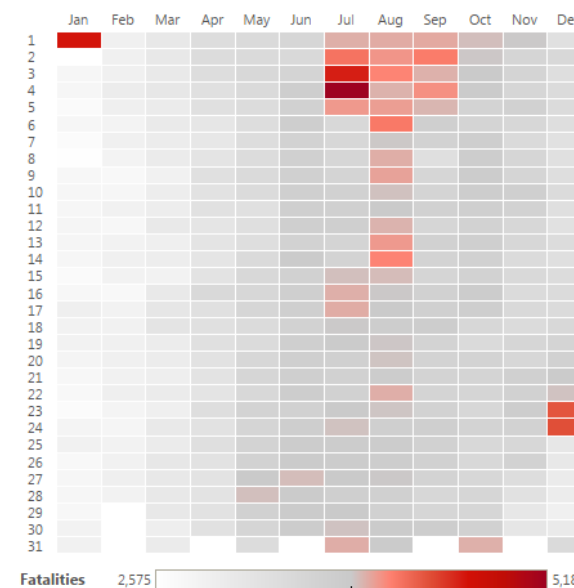
1. Every year sees the same peaks (August) and troughs (February) in fatalities

Fatalities by month. — Single year — Average (all years)



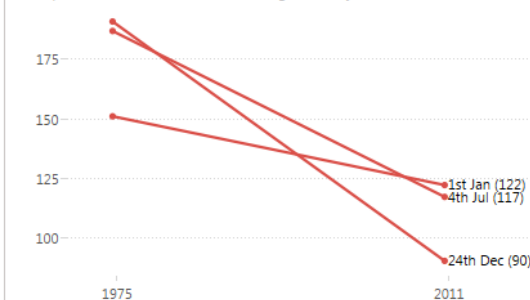
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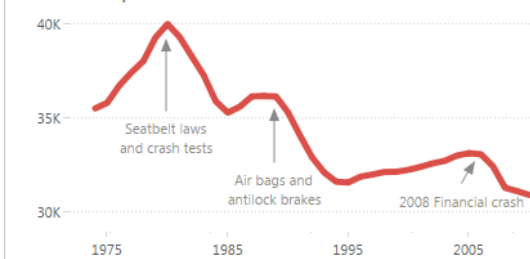


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# Makeover Monday:

<http://www.makeovermonday.co.uk/>

