

Transport networks



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Walking distances between tube stations

Discussion points:

1. at a glance, what does this tell you?
2. anything missing?
3. superfluous information?

What story would you like to tell?

How could the visualisation be redesigned to tell your story?

Transport networks

Walking times between stations on the same line

Walking can be a quick and easy way to get around, particularly when travelling during the busiest times, which are 08:00-09:00 and 17:30-18:30 Monday to Friday. This map shows how much time it takes to walk between stations on the same line. For more walking maps, visit tfl.gov.uk/walking.

Key to lines

- Bakerloo
- Central
- Circle
- District
- Hammersmith & City
- Jubilee
- Metropolitan
- Northern
- Piccadilly
- Victoria
- Waterloo & City
- DLR
- London Overground

 District
seen weekdays and on

Key to symbols

-  Interchange stations
-  Step-free access from street to train
-  Step-free access from street to platform
-  National Rail
-  Riverboat services
-  Victoria Coach Station

Approximate times, in minutes, based
on a moderate walking speed.
© Transport for London

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EVERY JOURNEY MATTERS

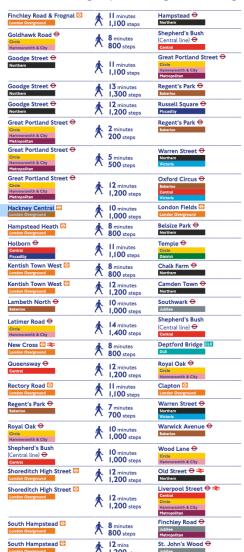
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Discussion points:

1. at a glance, what does the map tell you?
 2. how useful is it?
 3. how do the two visualisations compare?

Central London journeys that could be quicker to walk

Walking can be a quick and easy way to get around, particularly when travelling during the busiest times, which are 08:00-09:00 and 17:30-18:30 Monday to Friday. The table below shows some popular journeys within zones 1 and 2 that are quicker to walk. For more walking maps, visit tfl.gov.uk/walking.



Approximate times, in minutes, based on a moderate walking speed.

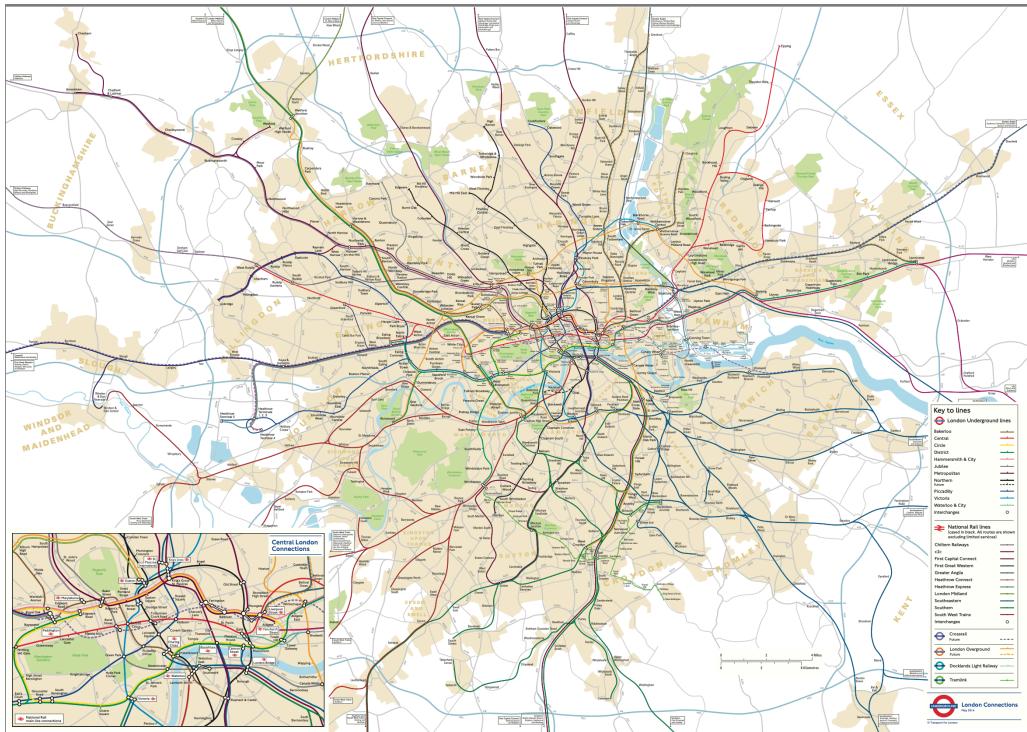
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What story would you like to tell?

How could the visualisation be redesigned to tell your story?

Transport networks vs Spatial maps?



Discussion points:

1. at a glance, what does each map tell you?
2. how do the two visualisations compare?
3. what story does each tell?
4. how does each compare to the text-based visualisation?



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<http://content.tfl.gov.uk/walking-tube-map.pdf>
<http://content.tfl.gov.uk/standard-tube-map.pdf>
<http://content.tfl.gov.uk/walking-tube-map-journey-times.pdf>
<http://content.tfl.gov.uk/l-yellow-book.pdf>

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<https://www.telegraph.co.uk/travel/destinations/europe/united-kingdom/england/london/articles/Accurate-distance-London-tube-map>
<https://www.whatdotheyknow.com/request/224813/response/560395/attach/3/London%20Connections%20Map.pdf>

Time Series Data

Time	Stock	Flows
1	38	
2	15	-23
3	24	9
4	42	18
5	50	8
6	60	10

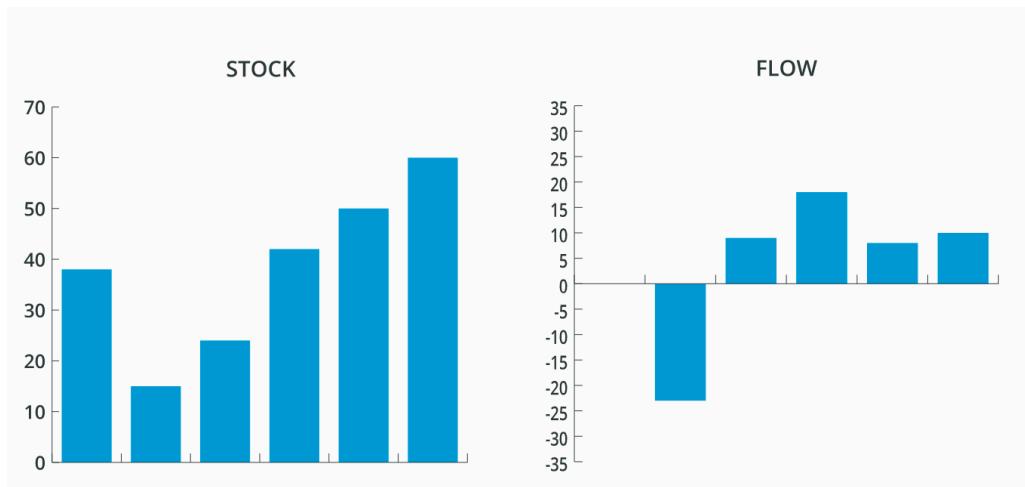
Two ways to plot the same time series data – as a

1. STOCK: all data points at point t
2. FLOW: difference between time t and time t - 1

This data represents number of jobs in economy at time t

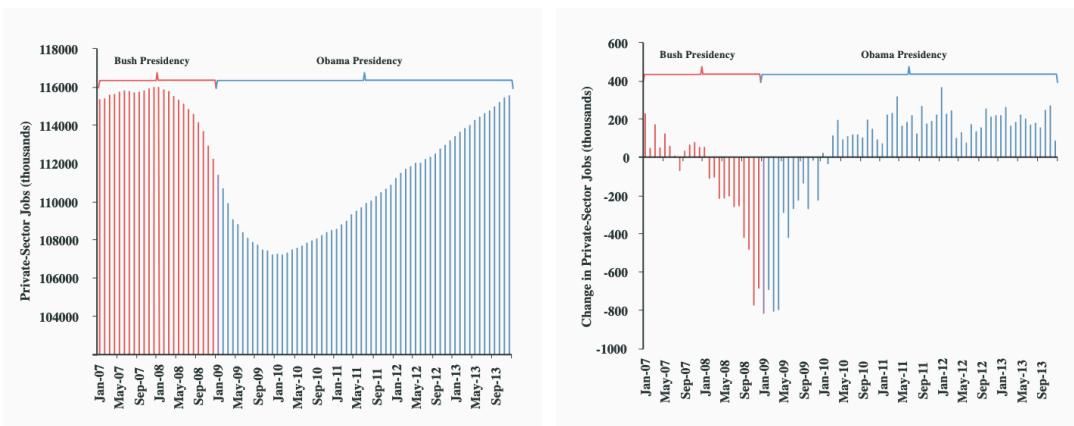
Discussion points:

1. how would you interpret each chart?



What story would you like to tell?

How does each of these visualisations help you communicate that story?



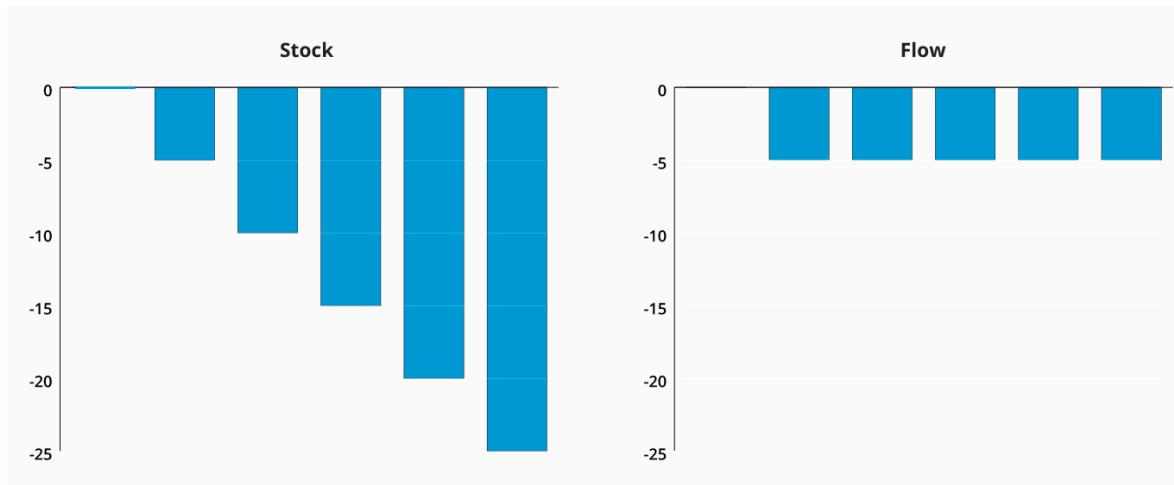
Time Series Data

Time	Stock	Flows
1	0	
-2	-5	-5
3	-10	-5
4	-15	-5
5	-20	-5
6	-25	-5

What happens when there is constant negative (or positive) change in stock?

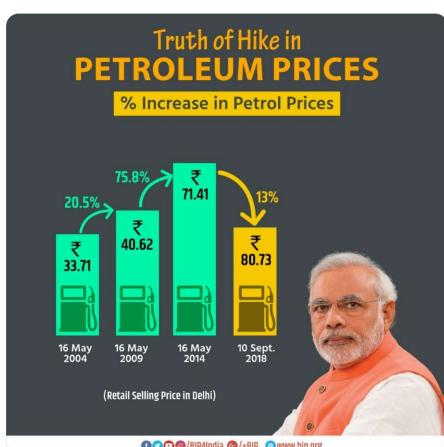
Discussion points:

1. at a glance, what does this tell you?
2. how would your opinion change if this represented your investment returns?





Truth of hike in petrol prices!



Narendra Modi and 3 others

4:47 PM · 10 Sep 18

Mapping Change

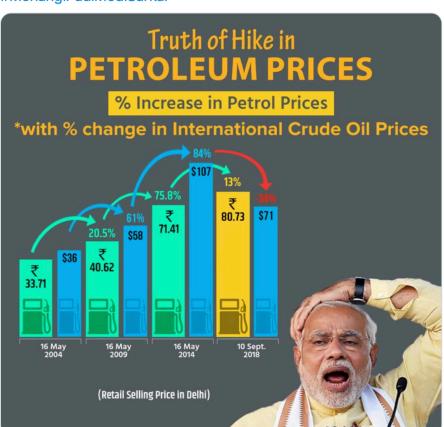
Original graphic posted by ruling party to defend increase in prices

Discussion points:

1. at a glance, what does this tell you?
2. anything missing?
3. superfluous information?



There! Fixed it for you @BJP4India
#MehangiPadiModiSarkar



1:52 PM · Sep 10, 2018 · Twitter for Android

After initial public reaction graphic posted by an opposition party

Discussion points:

1. at a glance, what does this tell you?
2. how does it compare with the original graphic?
3. anything missing?
4. superfluous information?

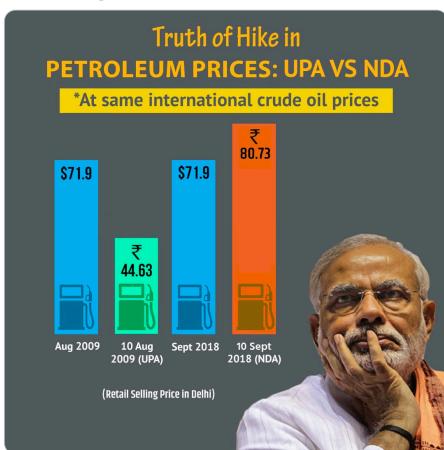


Replies to @INCIndia

India, here's why we are better at handling the economy and why you should vote us back to power.

#MehangiPadiModiSarkar

#VoteForCongress



3:19 PM · Sep 10, 2018 · Twitter for Android

Another perspective on the original graphic

Discussion points:

1. at a glance, what does this tell you?
2. how does it compare with the original graphic?
3. how does it compare with the second graphic?
4. anything missing?
5. superfluous information?

What story would you like to tell?

How could the visualisation be redesigned to tell your story?

One analytical review with some context: <https://thewire.in/economy/bjps-statistical-analysis-fuel-prices>

Global Warming out of Control!

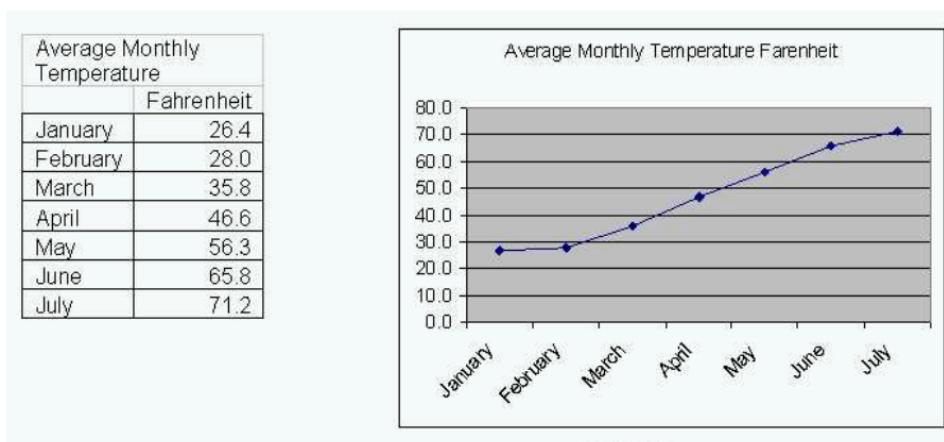


Figure 2

*Average monthly temperature in New Haven, CT. Image:
Yale University*

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