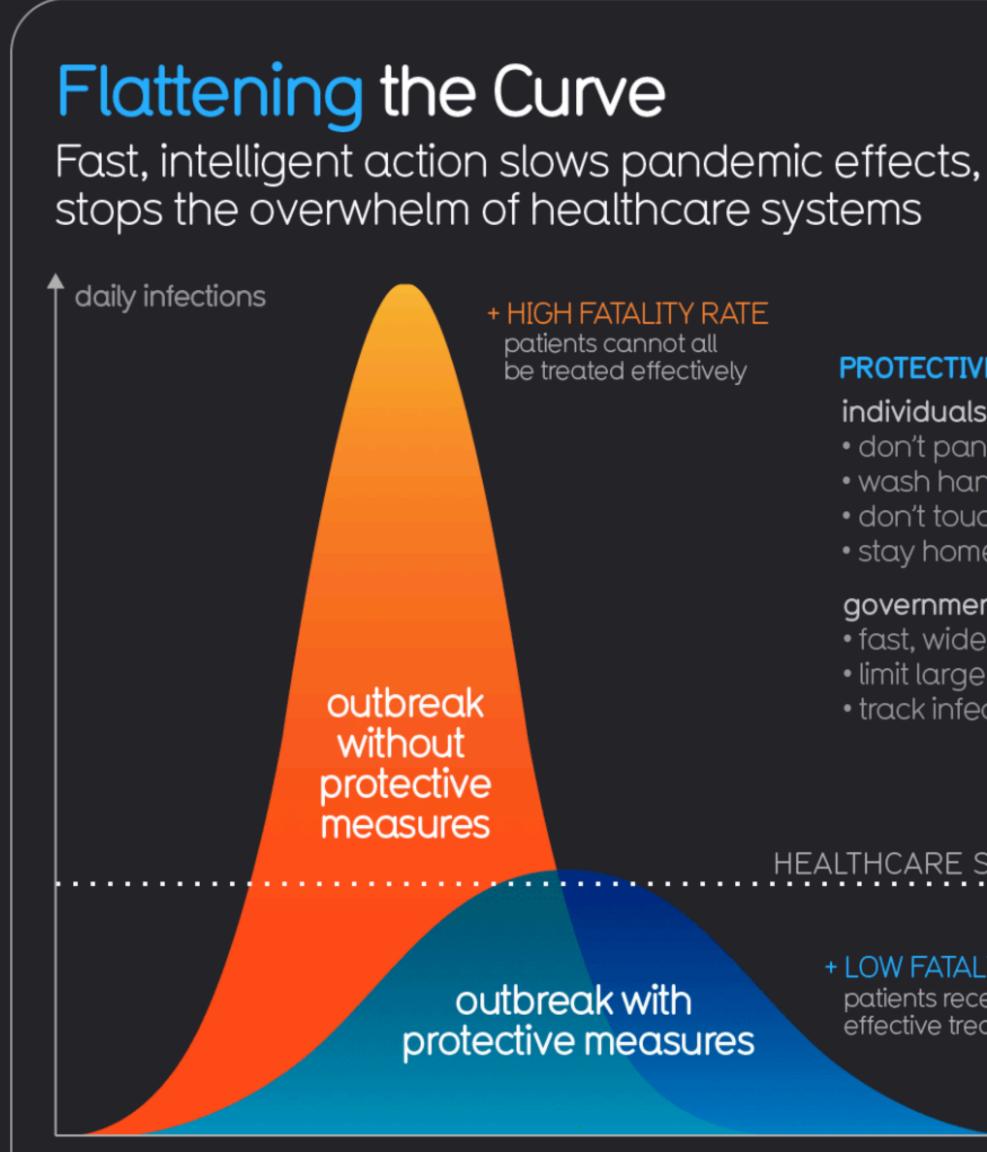
# INFOGRAPHICS AND DATA VISUALISATION



# 



## 'Coronavirus Datapack - Flattening the Curve' Information is Beautiful

### + HIGH FATALITY RATE

patients cannot all be treated effectively

### **PROTECTIVE MEASURES**

#### individuals

- don't panic, just be careful
- wash hands
- don't touch face
- stay home if sick

### governments

- fast, widespread testing
- limit large gatherings
- track infectees

### HEALTHCARE SYSTEM CAPACITY

### + LOW FATALITY RATE

patients receive effective treatment

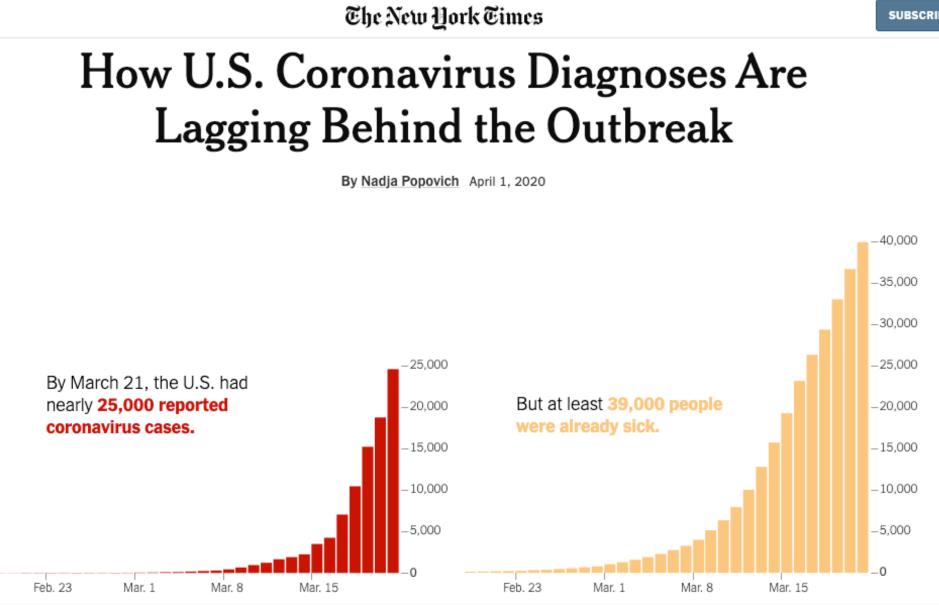
time since first case

source: Drew Harris - New York Times

# 

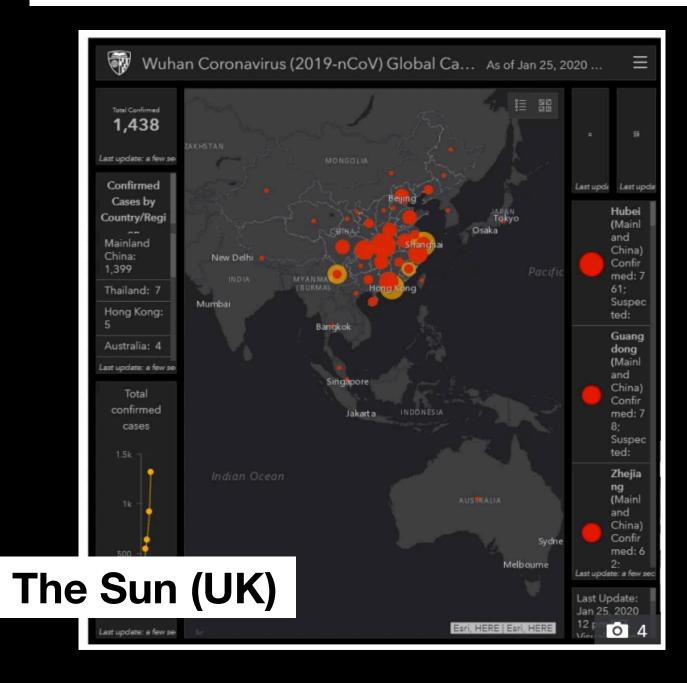


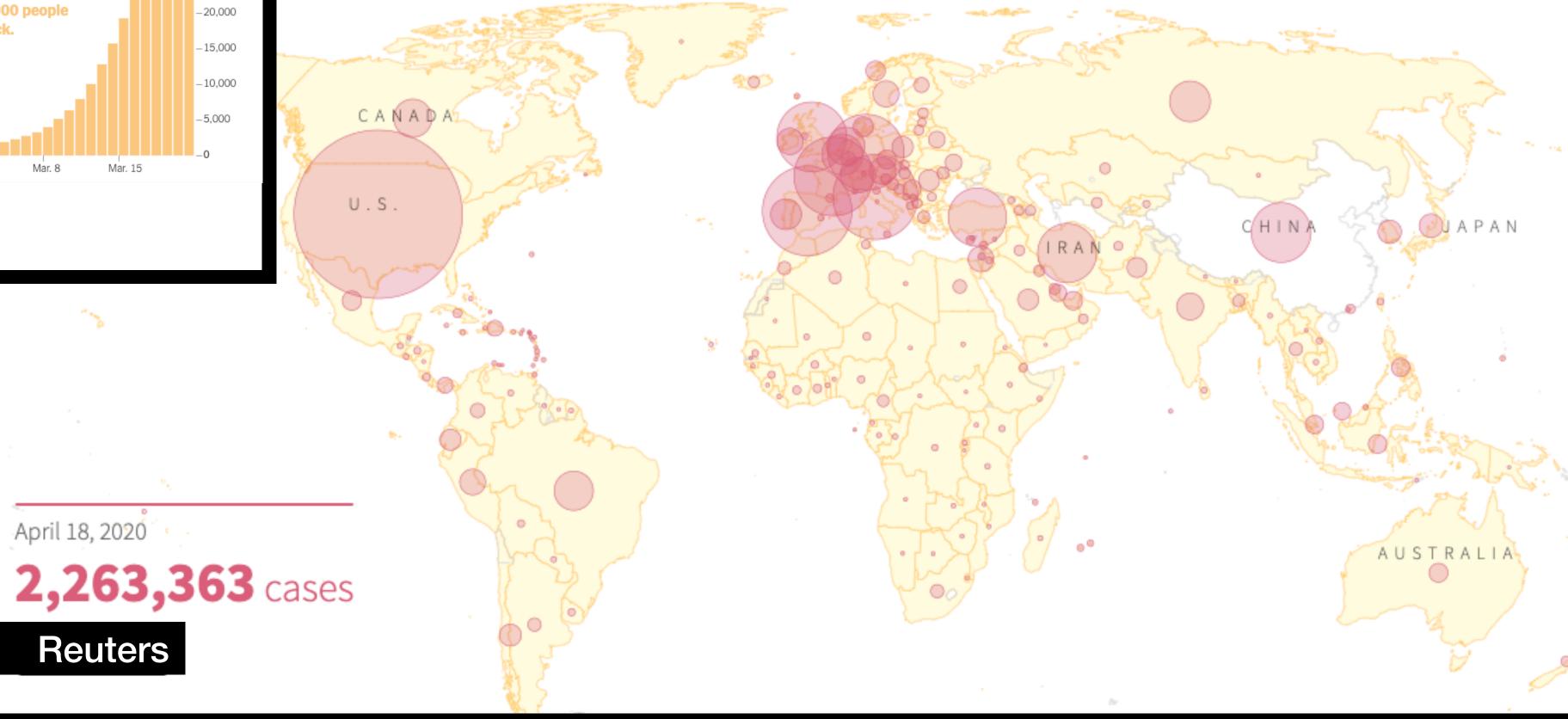




SUBSCRIB

## The New York Times



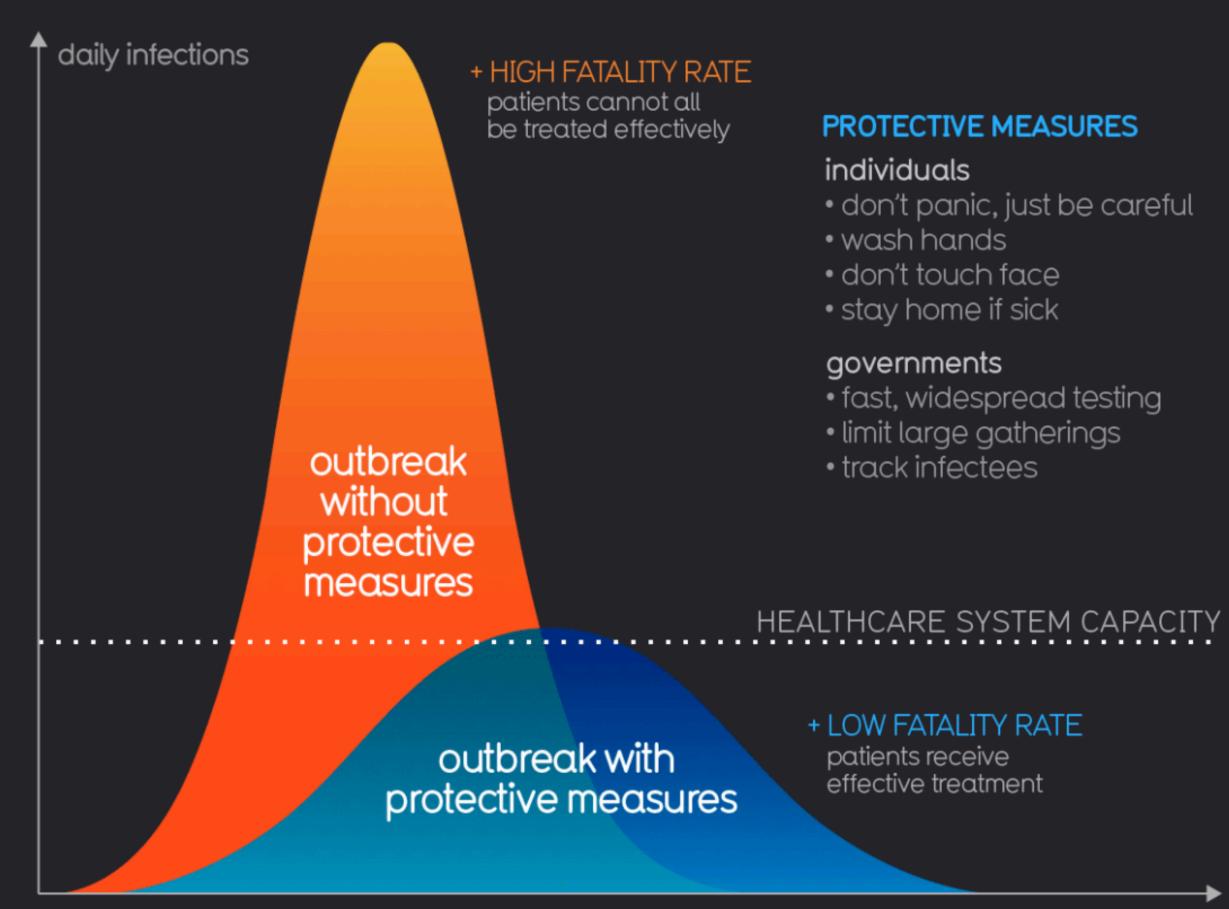


# Tracking the spread of the novel coronavirus

LAST UPDATED: APRIL 18, 2020 03:00 PM

# Flattening the Curve

Fast, intelligent action slows pandemic effects, stops the overwhelm of healthcare systems



time since first case

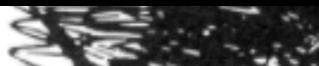
source: Drew Harris - New York Times

# **'Coronavirus Datapack - Flattening the Curve'** Information is Beautiful

# 

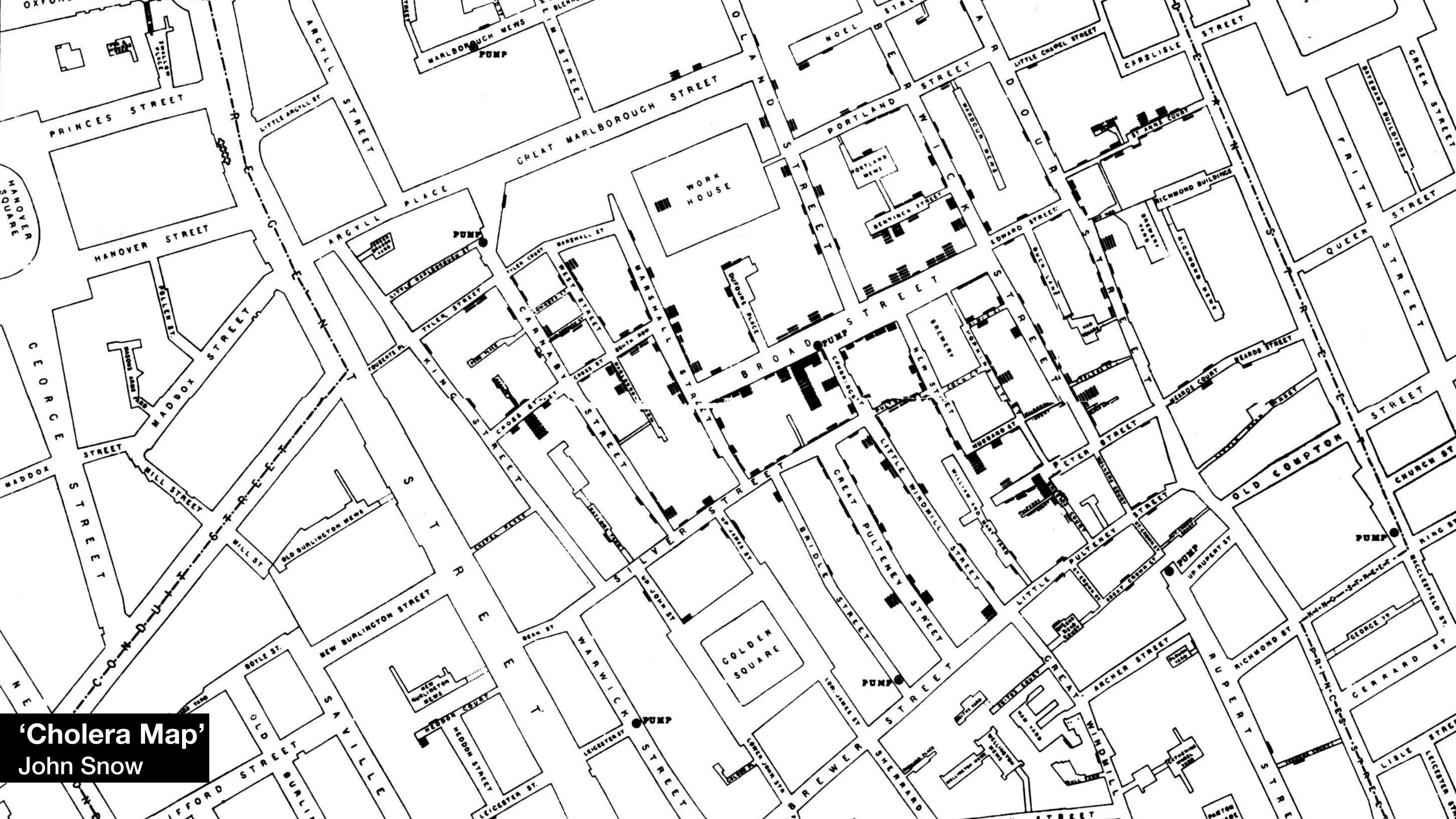
# DATA VISUALISATION SHOWS THE BIG PICTURE

'A Court for King Cholera' Punch 1852



E-M

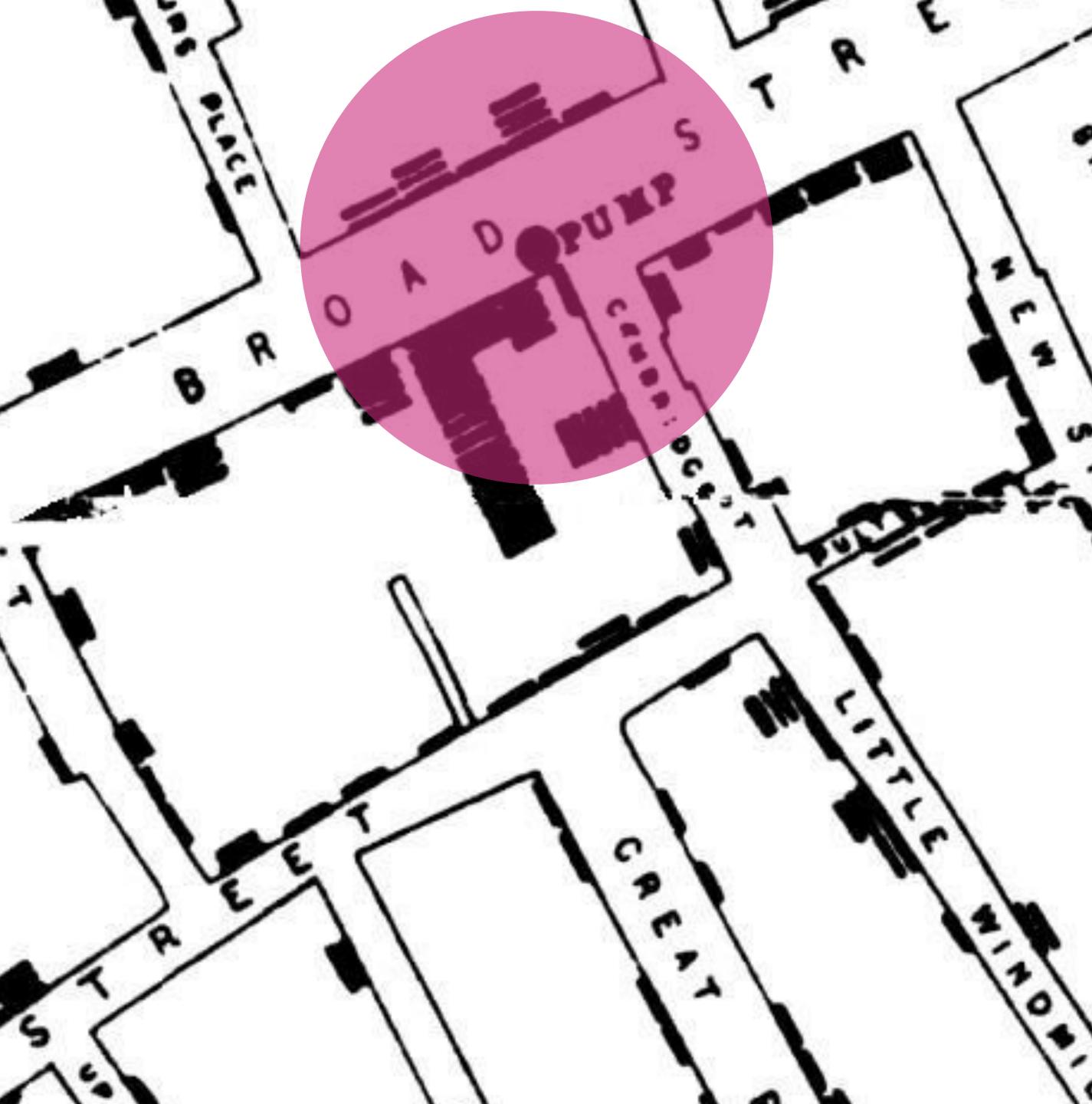


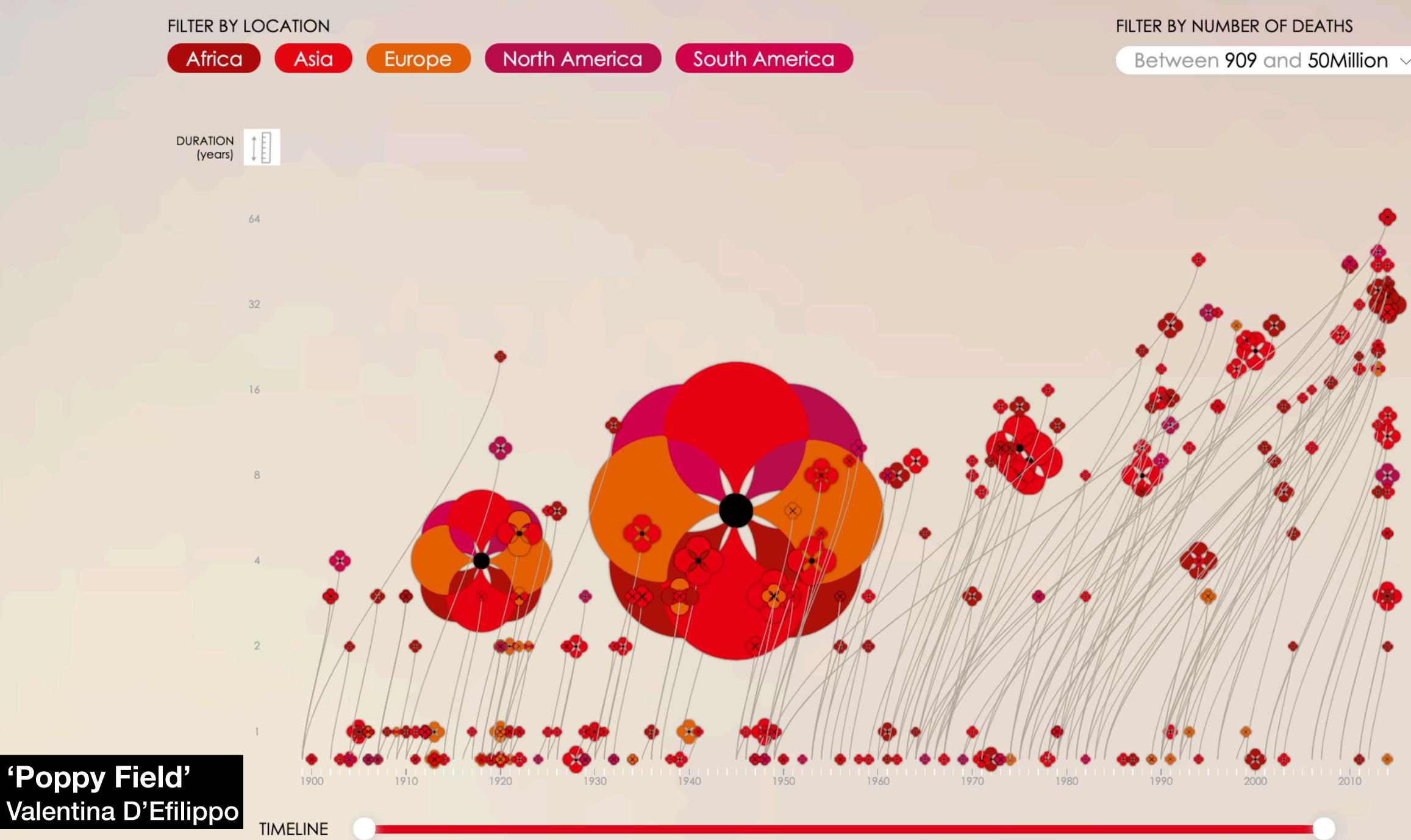


**'Cholera Map'** John Snow



**'Cholera Map'** John Snow





Between 909 and 50Million  $\, \sim \,$ 

# CASE STUDY: ACS (INTERNATIONAL SCHOOLS)

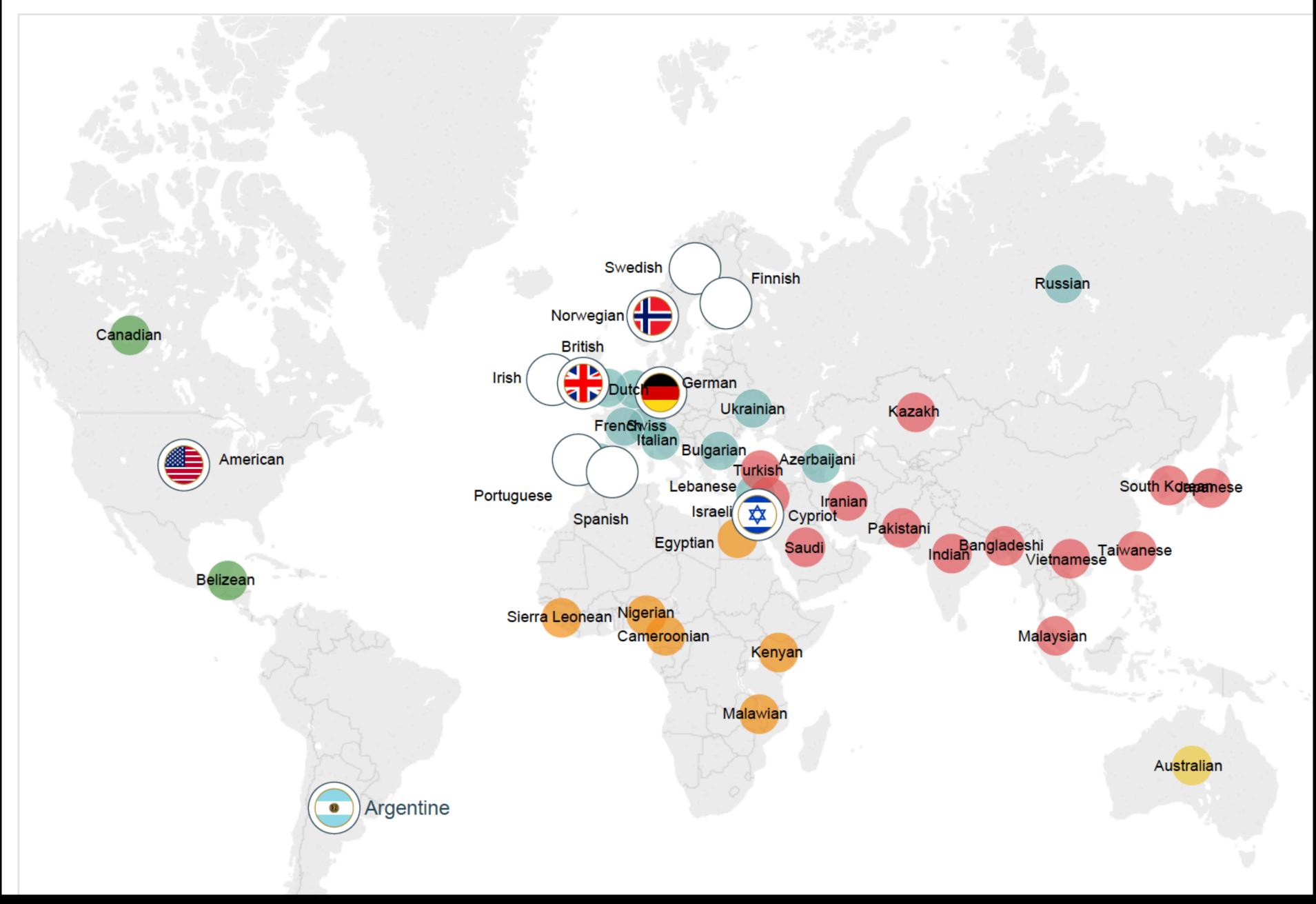


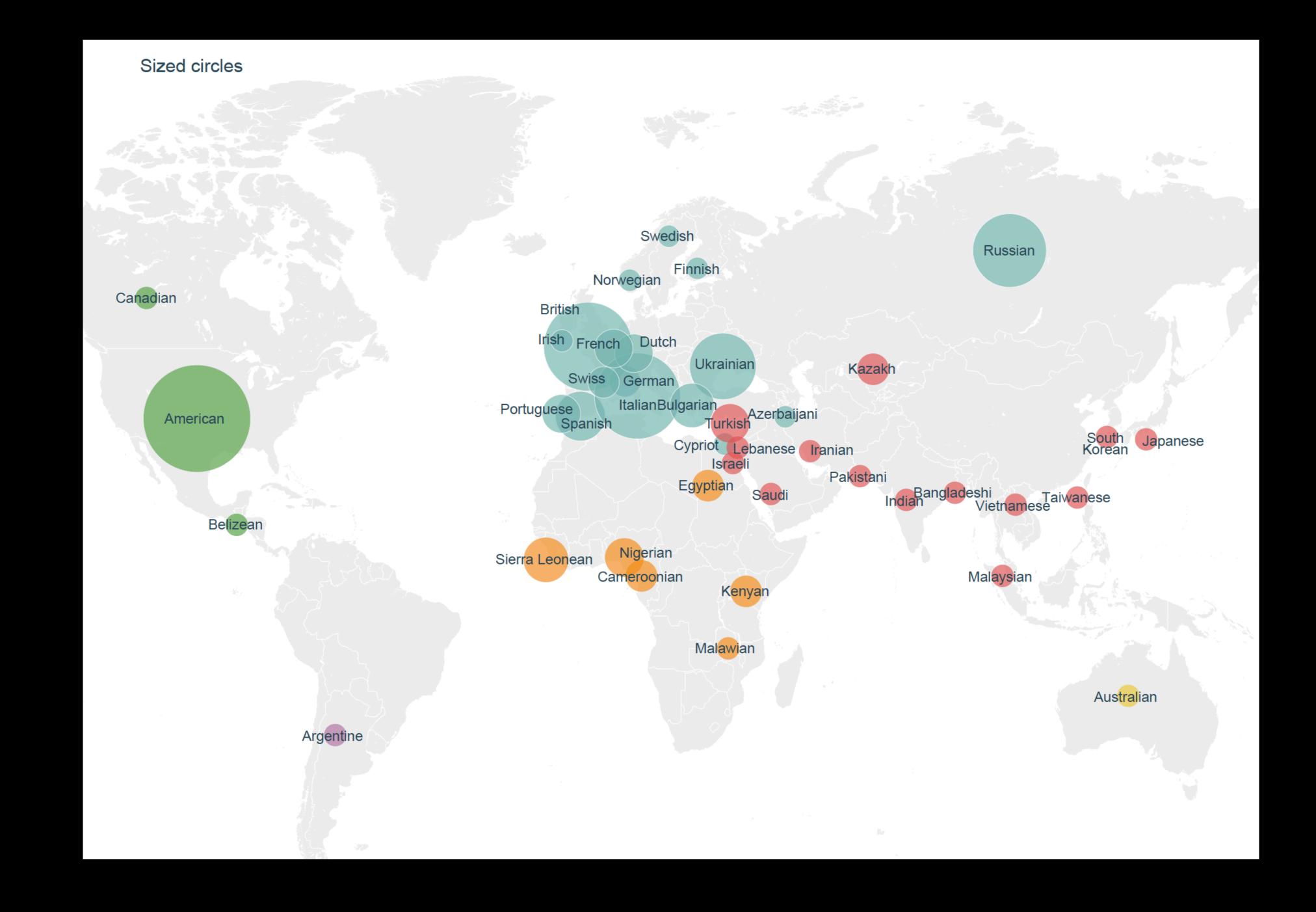
# SHOW THAT OUR PUPILS ARE FROM A WIDE RANGE OF CONTINENTS AND COUNTRIES



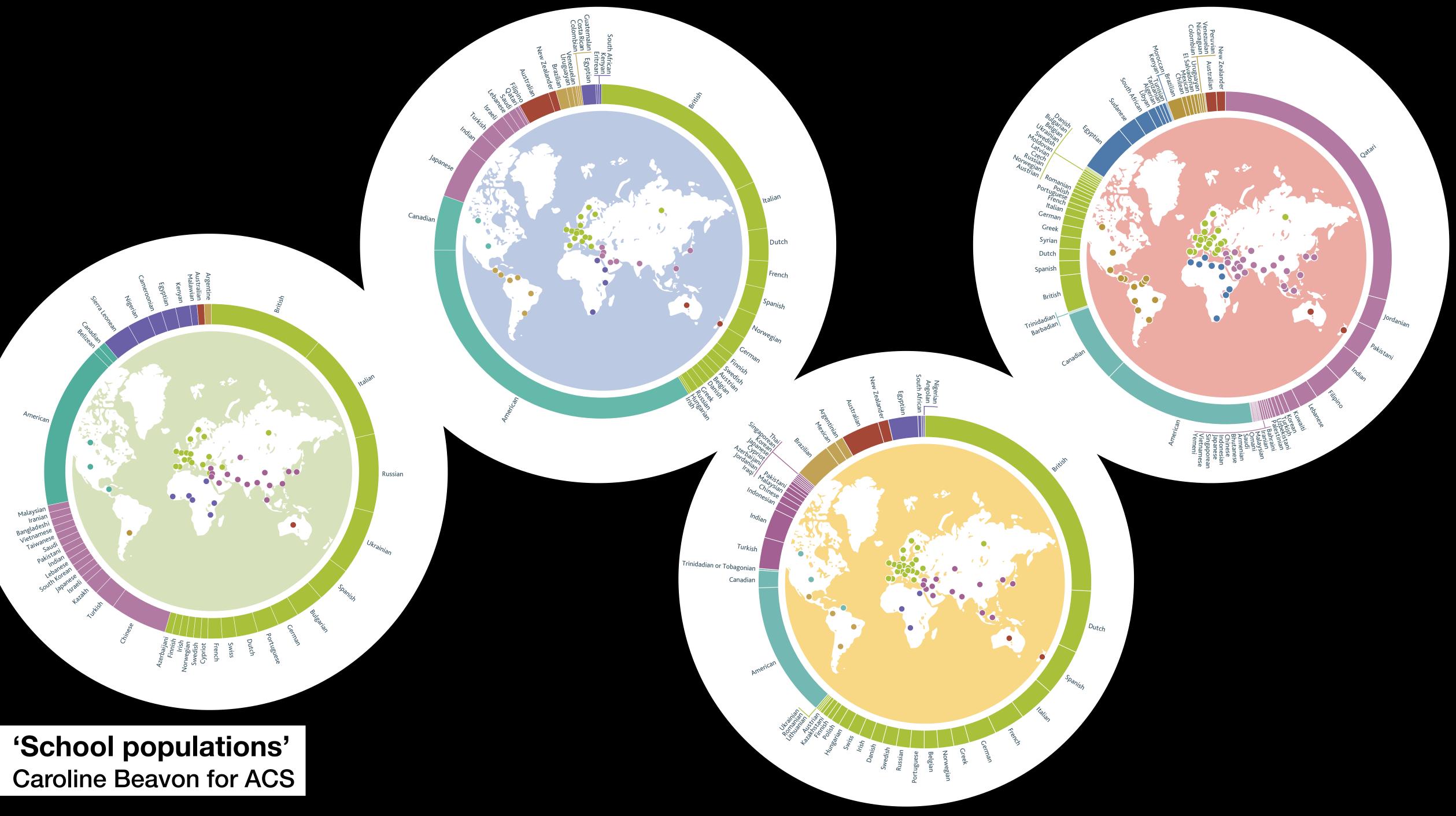


### Flags of the world









# SEREUSEUL NEORMATON



Spotify

# Welcome to the end of a decade. Ready for your 2019 Wrapped?

Relive and discover the artists, music, and podcasts you've loved most.

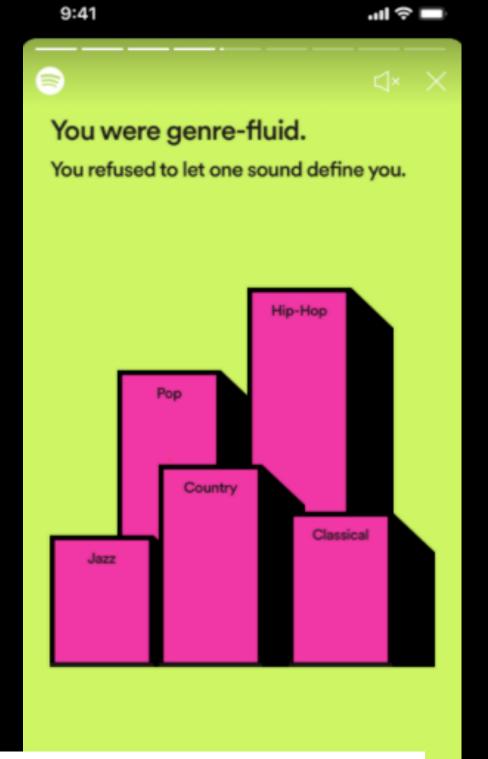
BIGH LP

LOG IN

**'Spotify Wrapped'** Spotify 2019



\_\_\_\_



# **'Spotify Wrapped'** Spotify 2019

Spotify **World Citizen** 

> When it comes to your music, borders disappear.

You've listened to artists from 39 countries.



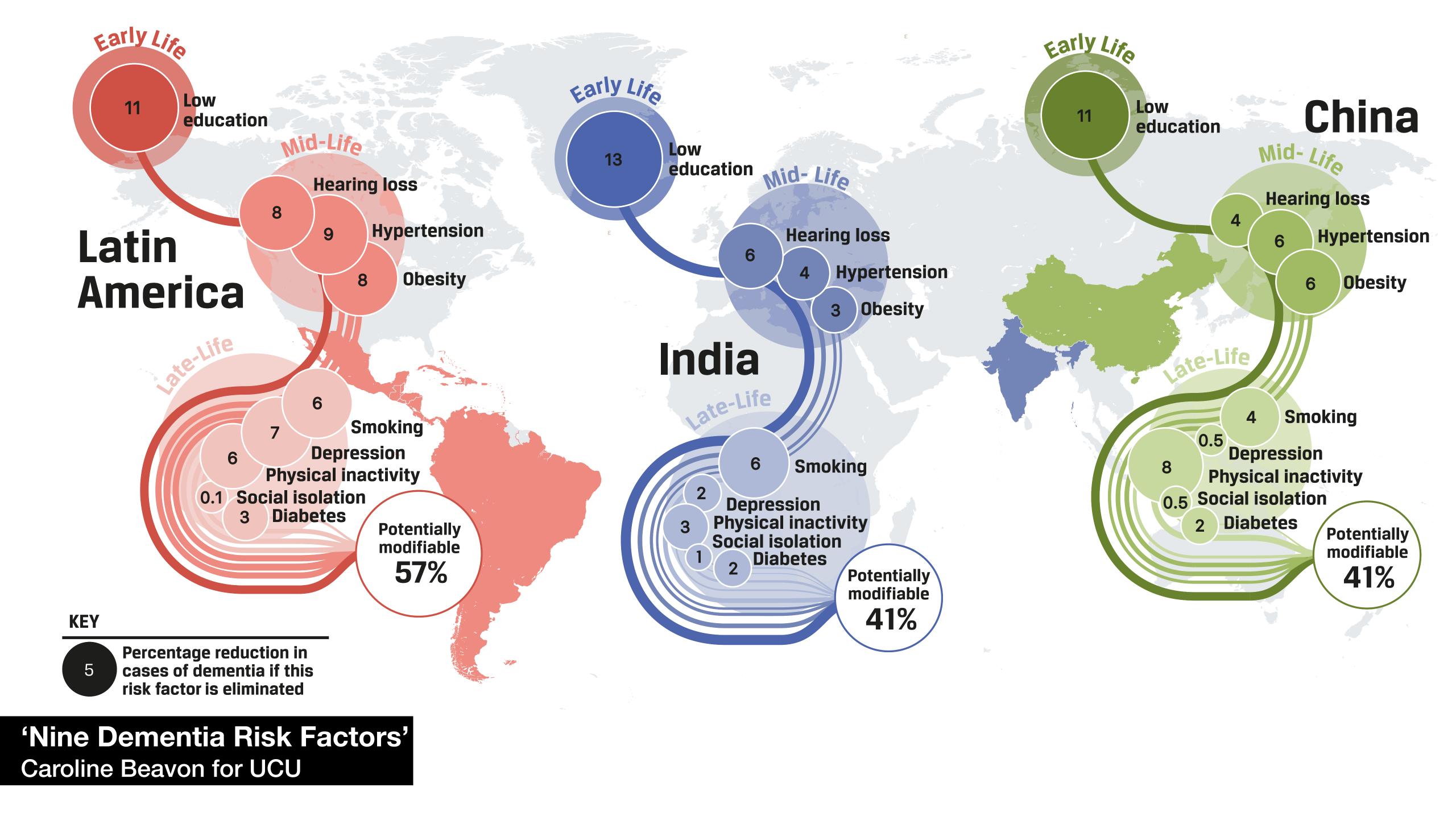
#### 9:41

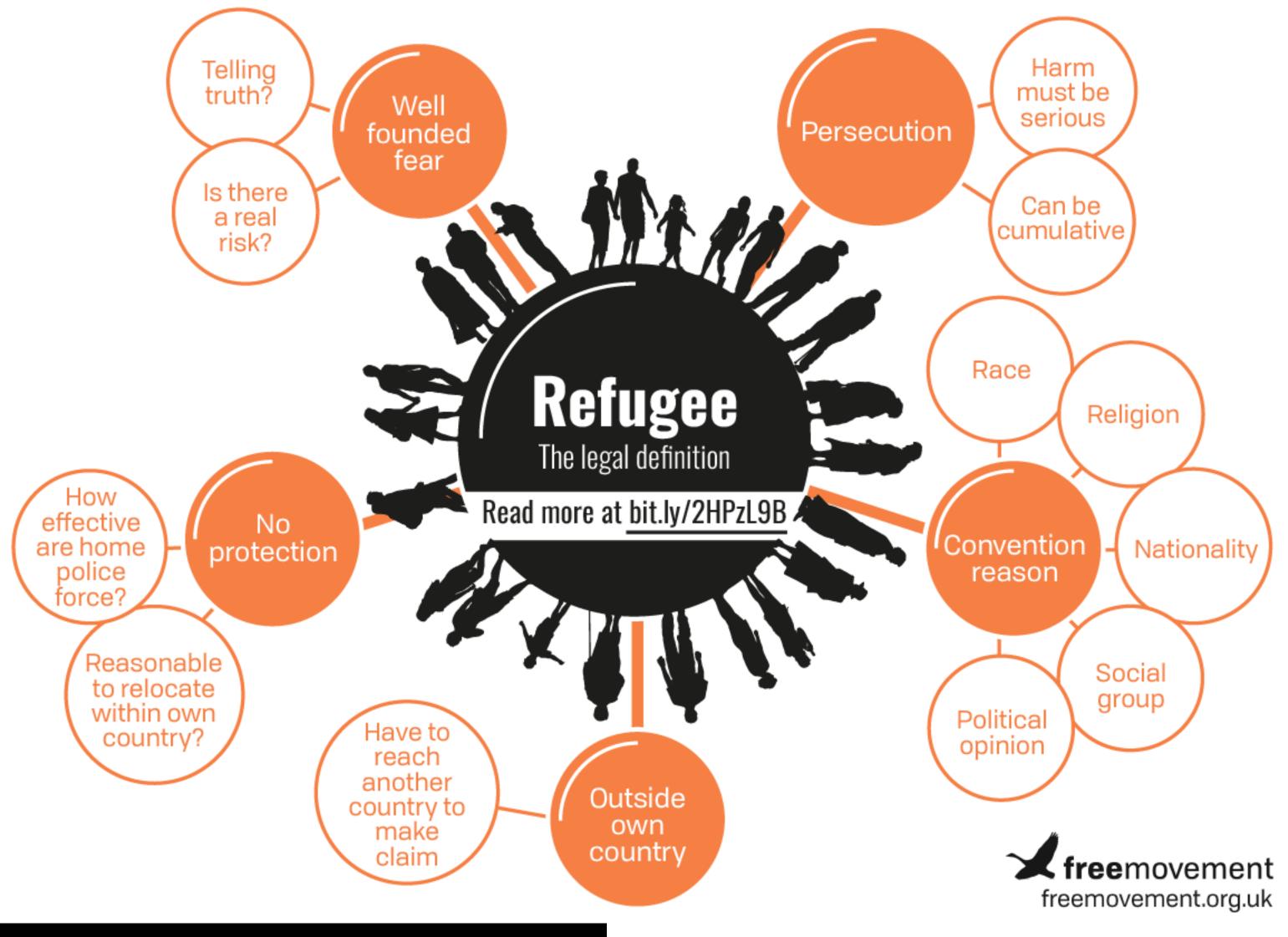
#### 8

We've spent some serious quality time together.



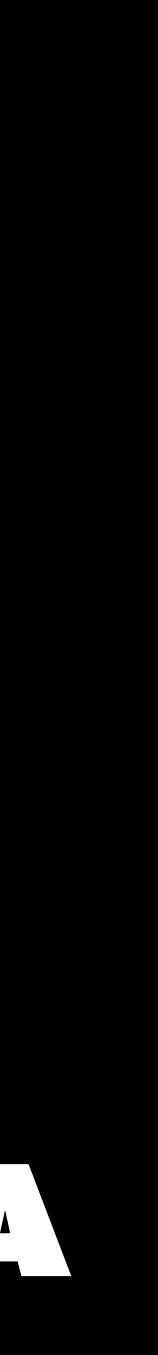


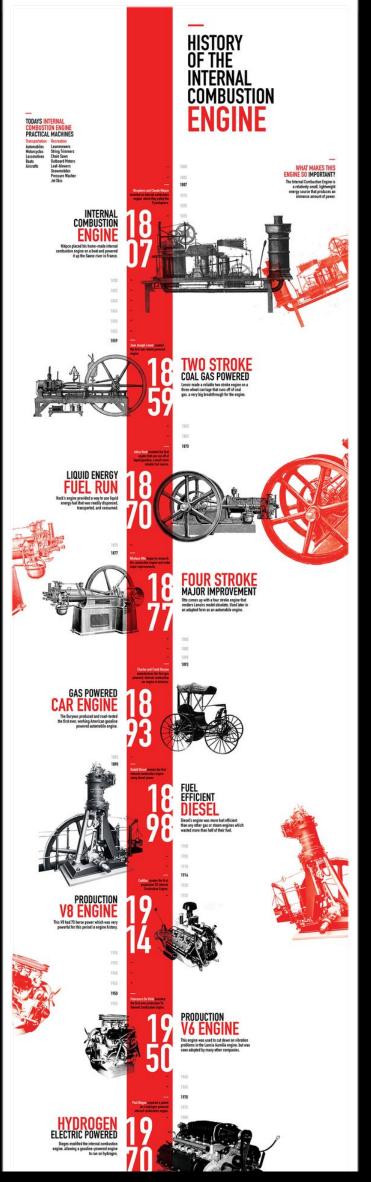




# **'Refugee: the legal definition'** Caroline Beavon for Free Movement

# TELING STORIES WITH DATA





# **'History of the Internal Combustion Engine'** Timothy Dole





1829

1535

1868

1645

1252

1855

1859

Niépce placed his home-made internal combustion engine on a boat and powered it up the Saone river in France.



1825

# TWO STROKE COAL GAS POWERED

Lenoir made a reliable two stroke engine on a three wheel carriage that runs off of coal gas, a very big breakthrough for the engine.

1663

1865

1870



1875

1877

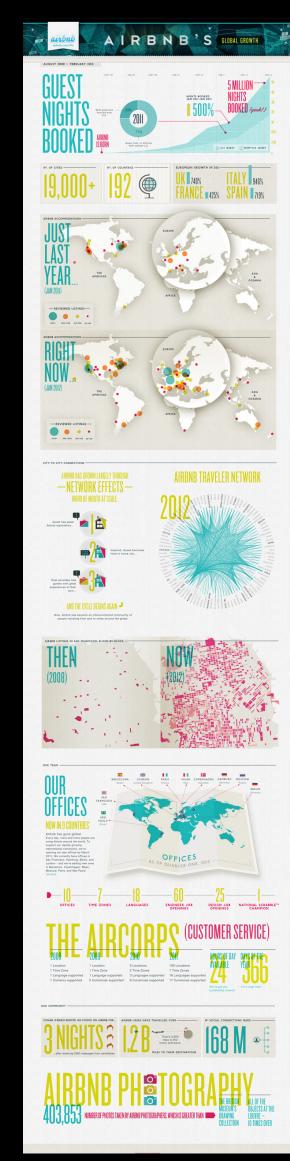
Hock's engine provided a way to use liquid energy fuel that was readily dispensed, transported, and consumed.

or all entress [ er milliger

More Rock Invested the first engine that can run off of liquid paratice, a much more reliable fast cource.

Nations Dis began to respect the contraction regime and main major improvements.





### **'Air BnB 2004 - 2012'** Air BnB SEE MORE STORIES AT WWW.AIRBNB.COM/LIFE

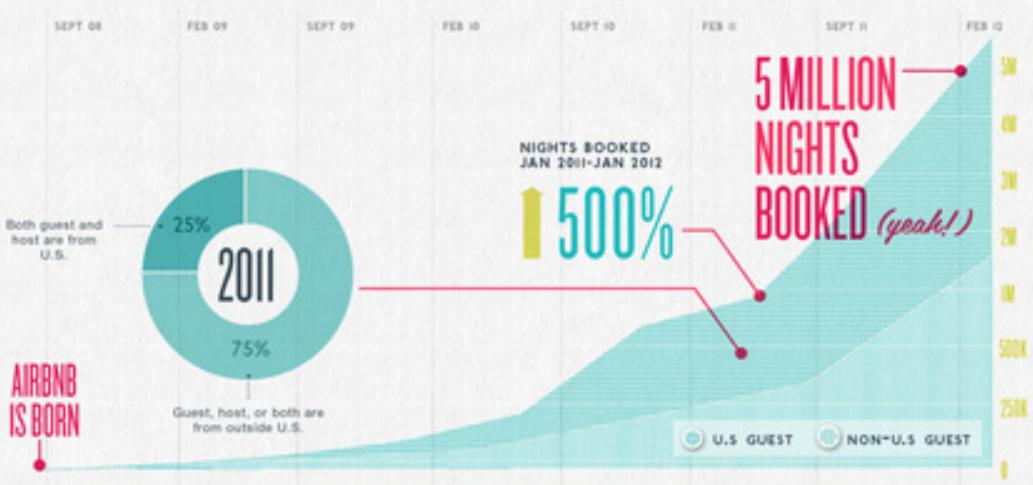


AUGUST 2008 - FEBRUARY 2012

# П

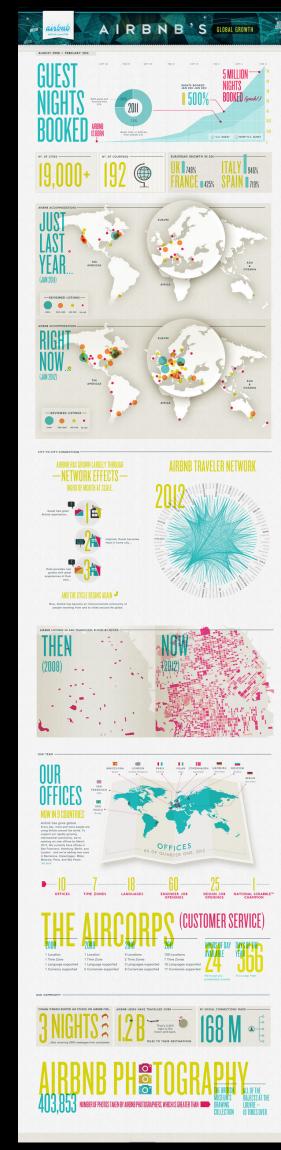
Nº. OF CITIES

AIRBNB ACCOMMODATIONS -



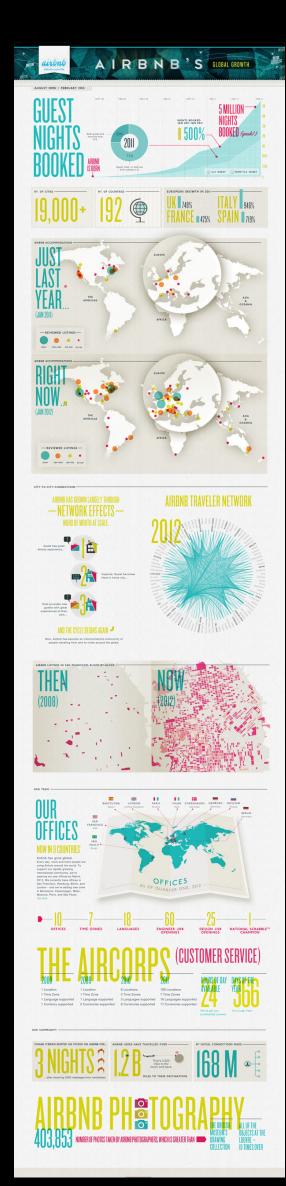






### **'Air BnB 2004 - 2012'** Air BnB EE MORE STORIES AT WWW.AIRBHDB.COM/LIFE





### **'Air BnB 2004 - 2012'** Air BnB SEE MORE STORIES AT WWW.AIRBNB.COM/LIFE

CITY-TO-CITY-CONNECTIONS

# AIRE WORD OF MOUTH AT SCALE.

Guest has great Airbnb experience...



Host provides new guests with great experiences of their OWN ...

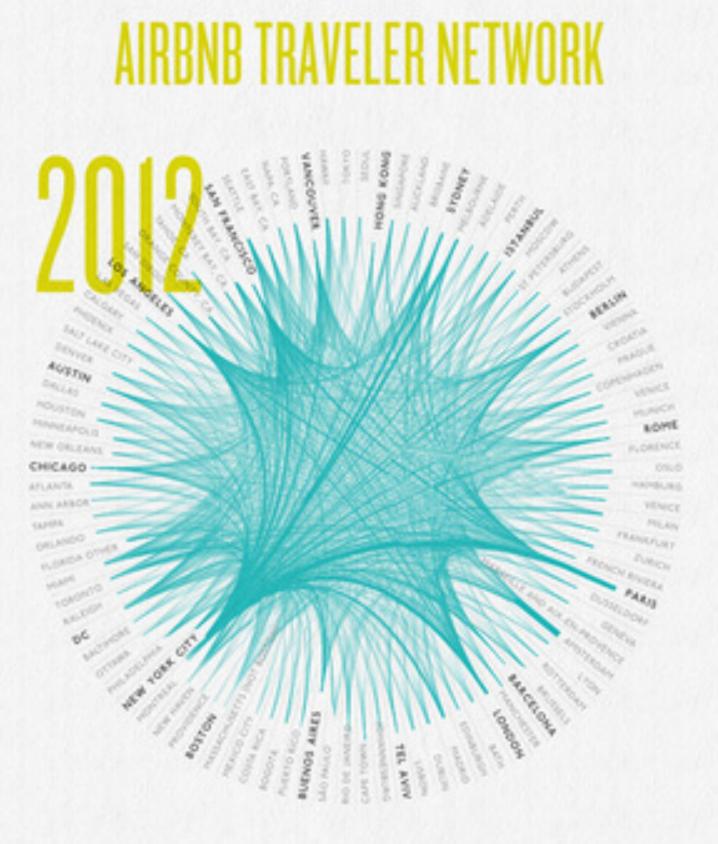


# AND THE CYCLE BEGINS AGAIN 🍠

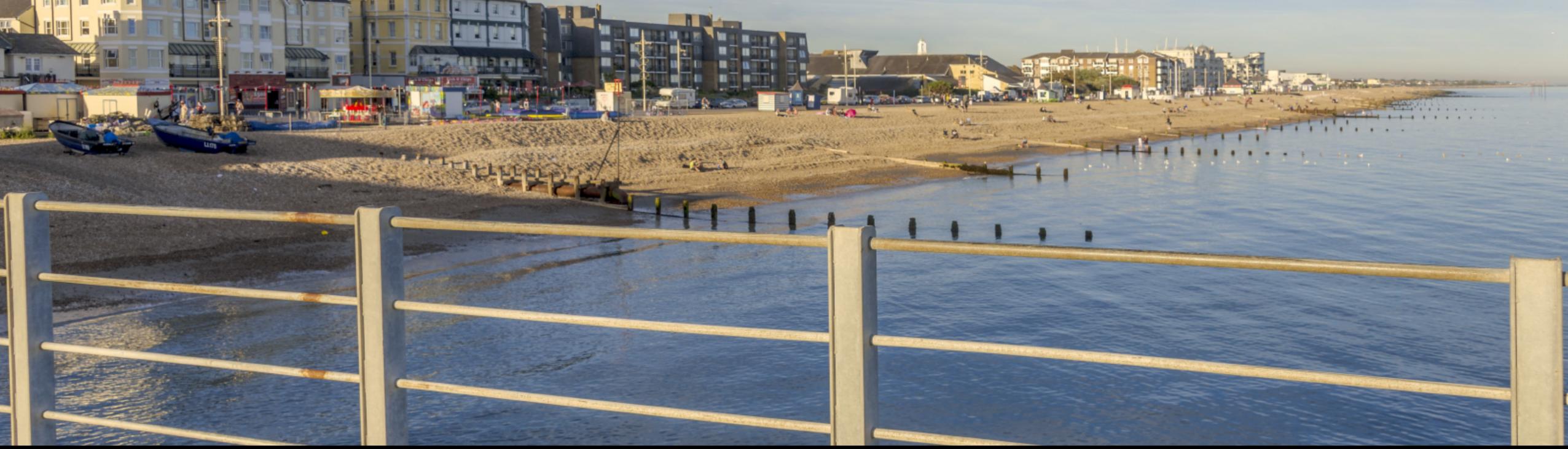
Now, Airbnb has become an interconnected community of people traveling from and to cities around the globe.



Inspired, Guest becomes Host in home city ....



# CASESTUDY: BOGNOR REGIS CREATIVE SECTOR



# PRESENT A SNAPSHOT OF THE CREATIVE INDUSTRY NTHSSMALLUKSEASIDE TOWN







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**'The Creative Sector in Bognor Regis and beyond'** Caroline Beavon for Wired Sussex

Location							
latitude and longitude	postcodes						

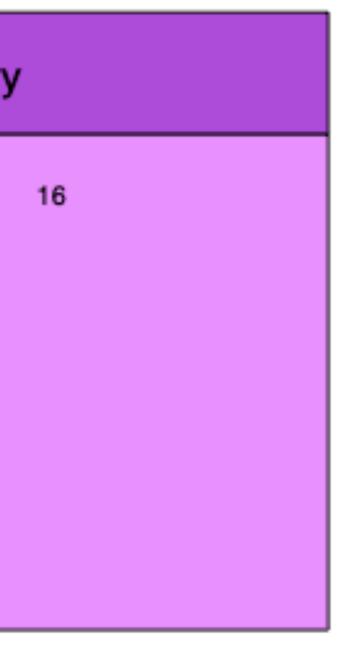
### Category

Business category Marketing, communications & design 16 Skills development 6 Web design & development 5 Media production 5 Online retail 3 Architectural practice 3 Photography 2 Business support services 2 Web publishing 1 IT consultancy 1 Games development 1 Data analytics 1 Community1

### Turnover

turnover data	(copy)
£5m +	2
£1m-5m	2
£250k-1m	2
£100k-250k	5
£50k-99k	8
£25k-50k	8
£10k-24k	8
£5k	7
£0	5

# **'The Creative Sector in Bognor Regis and beyond'** Caroline Beavon for Wired Sussex



# No of staff

Just me	55%
1-5	27.7%
5-10	10.6%
25-75	2.1%
75+	4.3%

### Age of business

10 years +	13
5-10 years	10
3-5 years	4
1-3 years	8
Less than 1	year 11
not applicat	ole 1



# **'The Creative Sector in Bognor Regis and beyond'** Caroline Beavon for Wired Sussex

Business cat Marketing, c Skills develo Web design Media produ Online retail Architectural Photography Business su Business su Web publish IT consultant Games deve Data analytic Community1

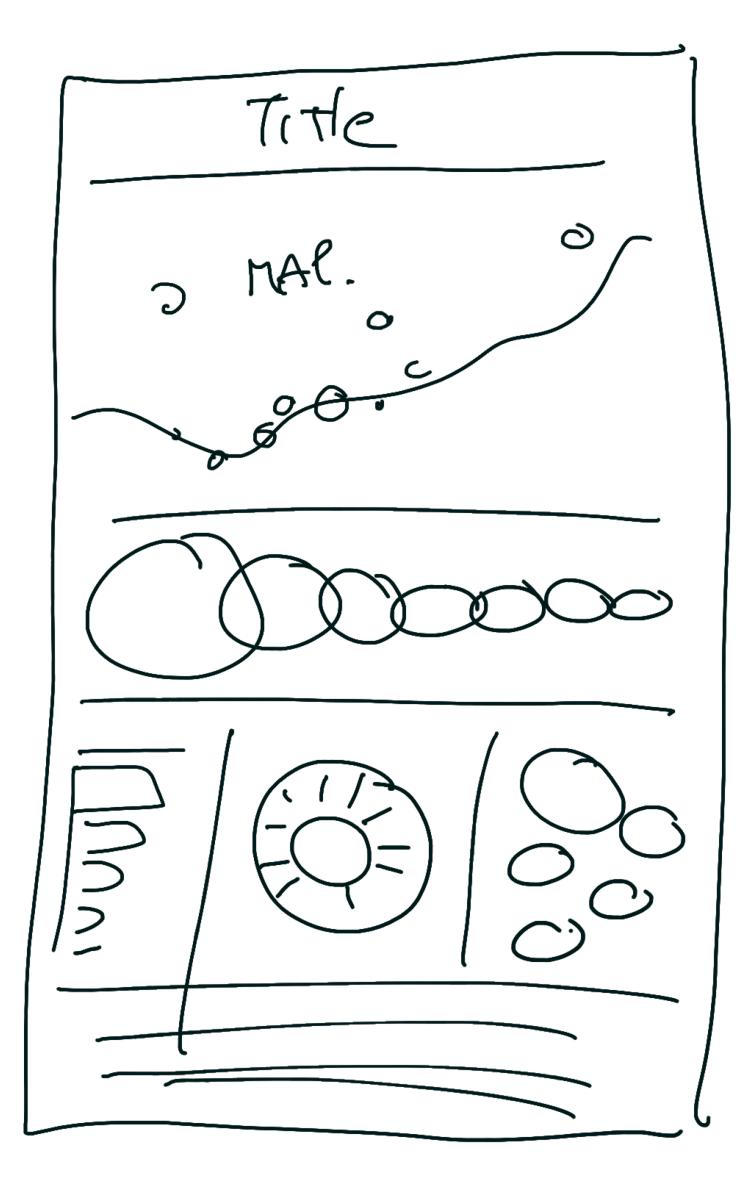
A quarter of participants offer design services

# Category

oc op al al y hi hi	oport services 2 ng 1 cy 1 lopment 1	esign 16
f	Did you know there are at least 9 marketing, design and communications businesses in central Bognor Regis?	Includes companies who > analyse & visualise data > teach design skills ot graduates > produce documentaries > sell vintage jewellery & clothing online > produce & record music

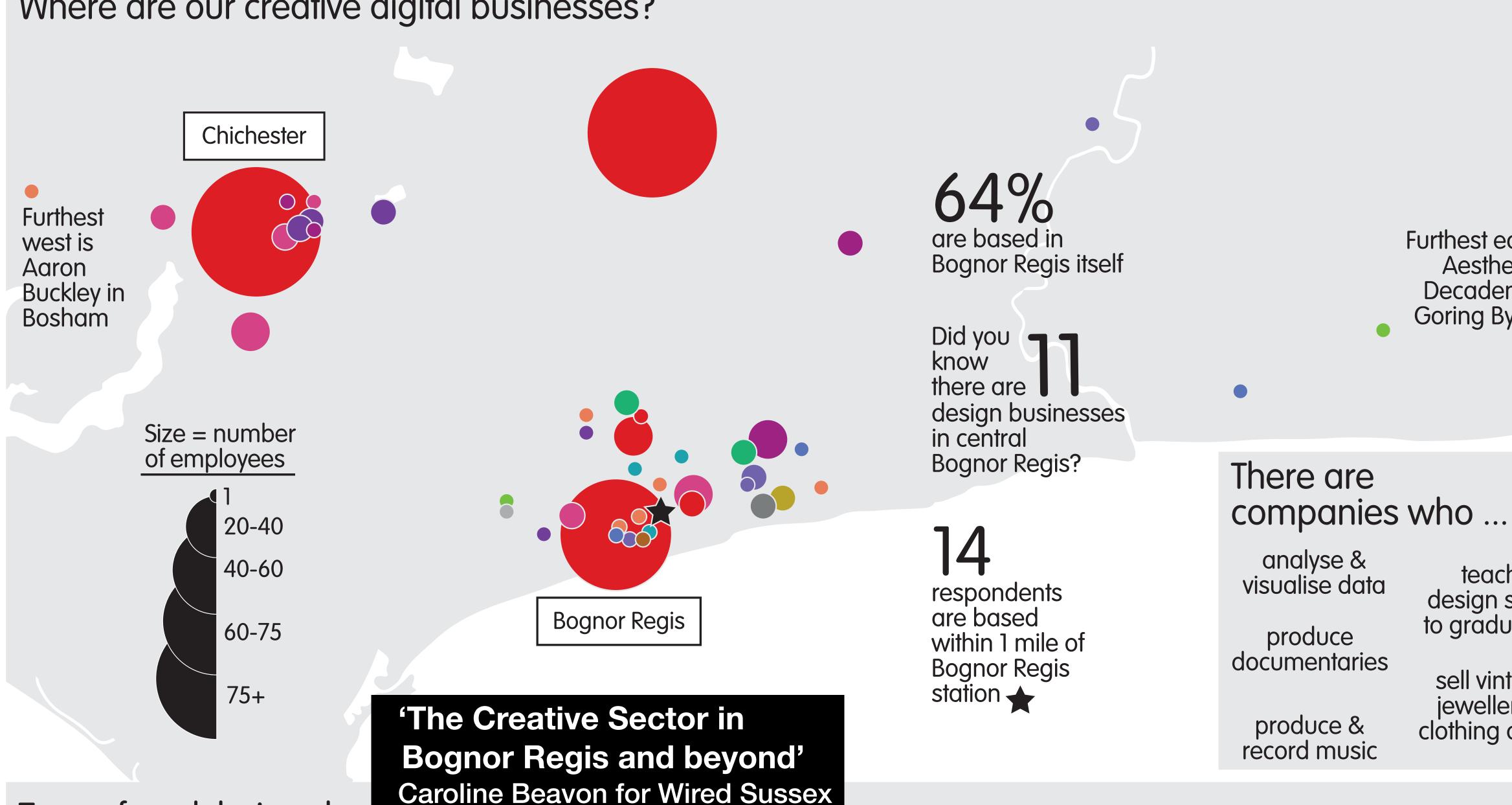
		Lo	cation							
	latitude longitu		post	codes						
	Our furthe west company Aaron Buckley Boshan	is b in i	64% of susinesses are based in Bognor Regis itself	Over a third have a PO21 postcode						
	11 respon are bas within 1 m the Hu locatio	sed nile of ub	comp Aesthetes	thest east bany is s+Decadent ng By Sea	tego k desig					
		Online Archite Photog Busines Web pu IT cons Games Data ar		Media production 5 Online retail 3 Architectural practice 3 Photography 2 Business support services 2 Veb publishing 1 T consultancy 1 Bames development 1 Data analytics 1 Community1		2				
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Secto										

**'The Creative Sector in Bognor Regis and beyond'** Caroline Beavon for Wired Sussex



# The creative sector in Bognor Regis & beyond: 2016 snapshot

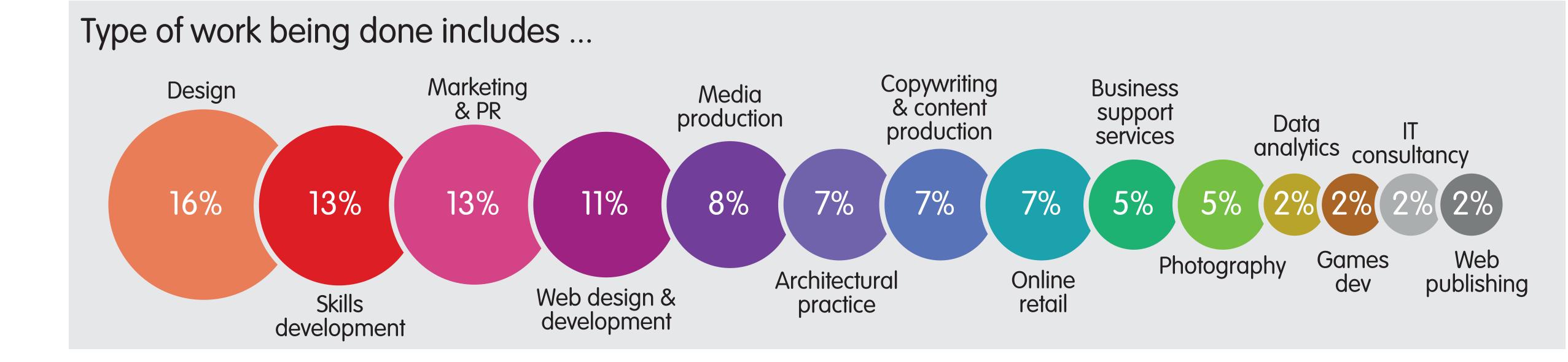
# Where are our creative digital businesses?





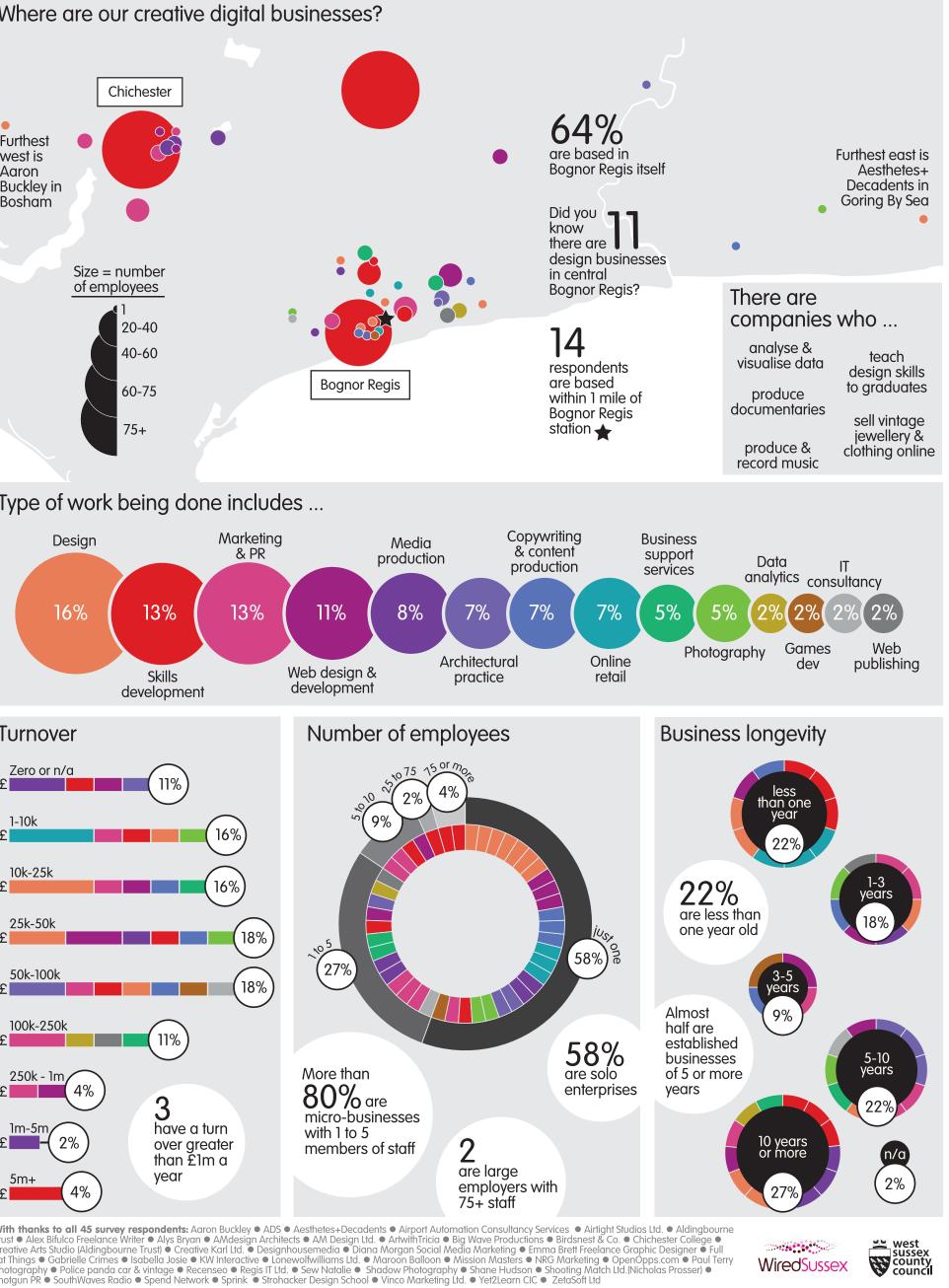


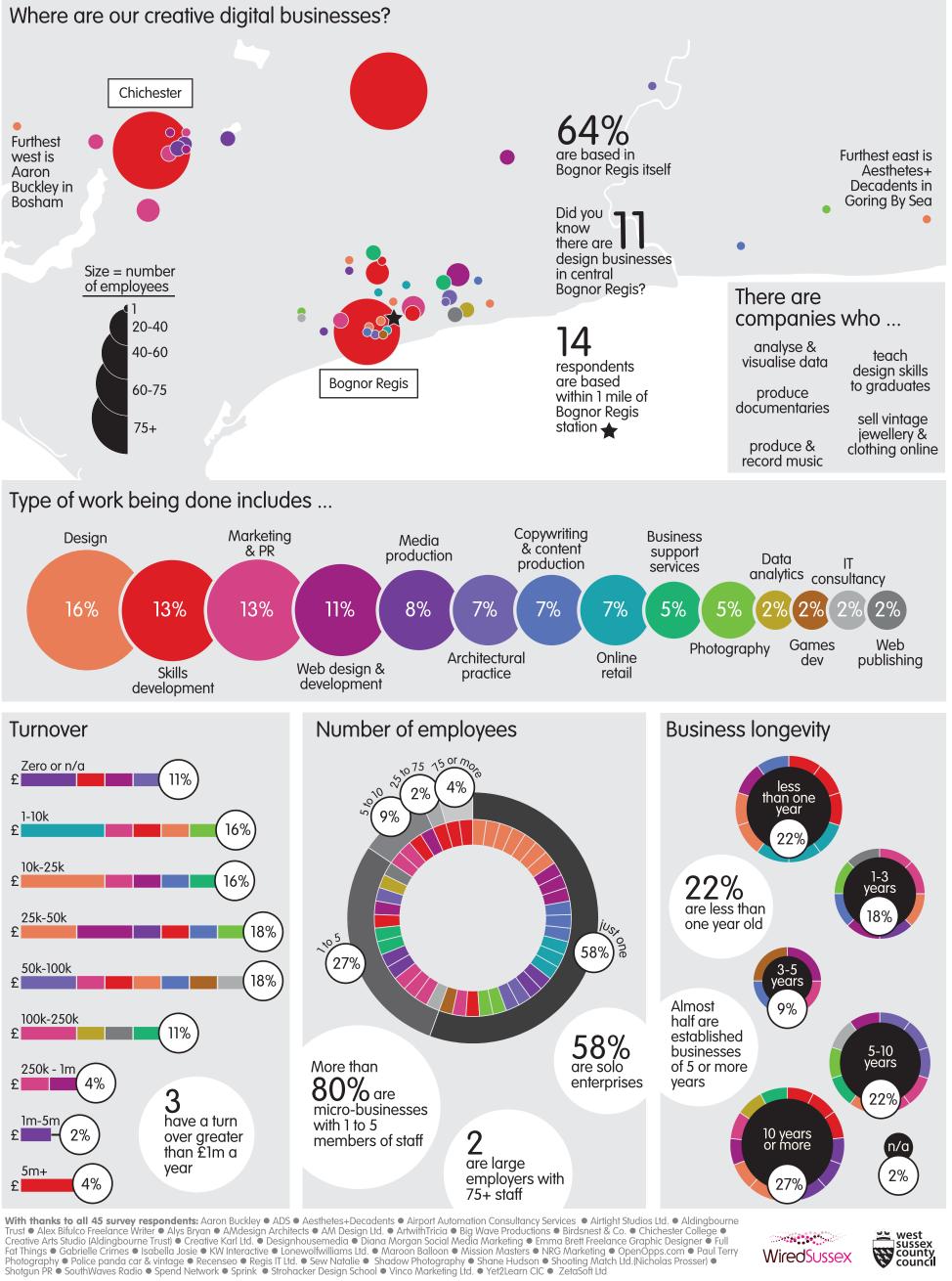


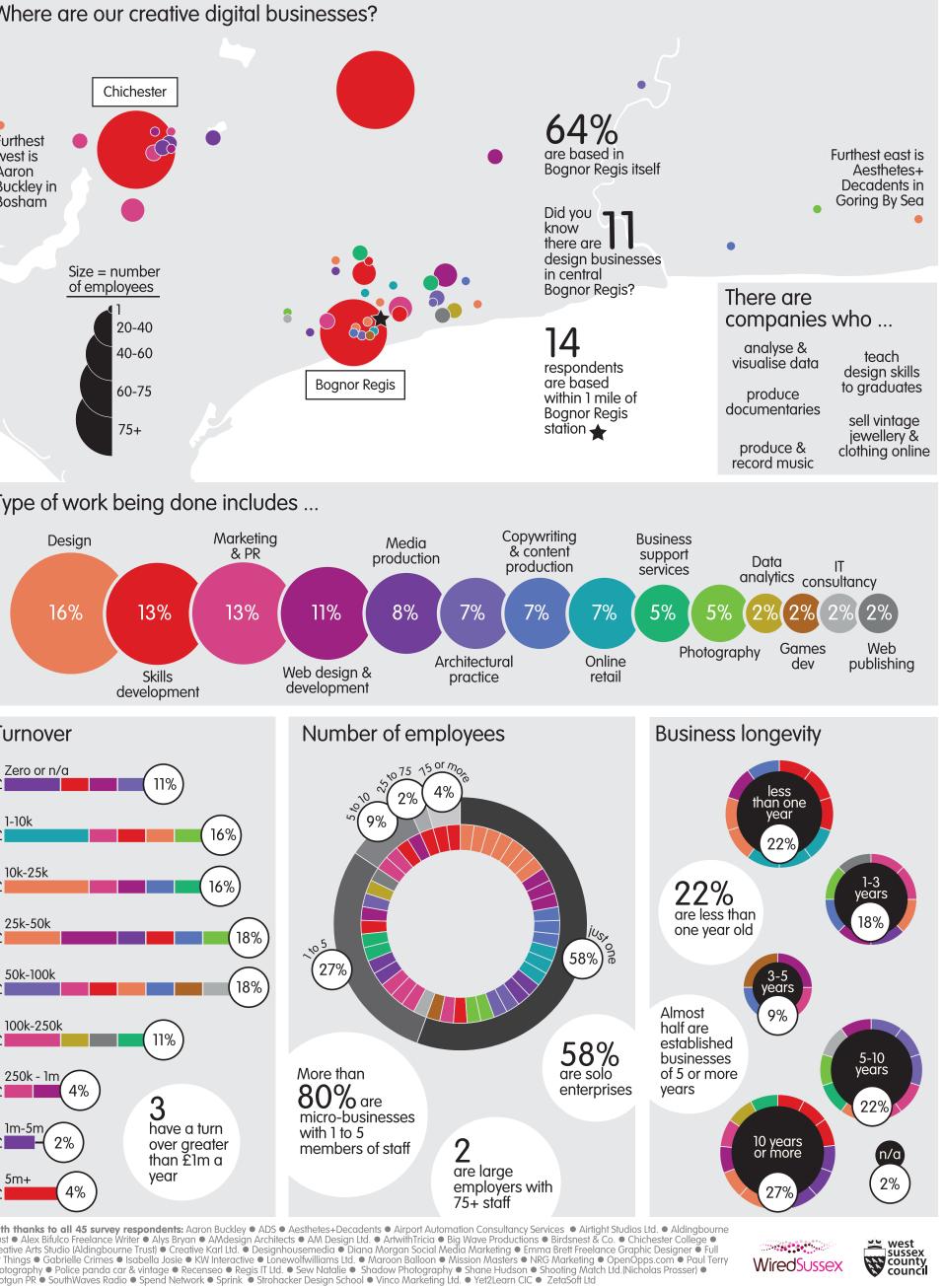


**'The Creative Sector in Bognor Regis and beyond'** Caroline Beavon for Wired Sussex

### The creative sector in Bognor Regis & beyond: 2016 snapshot







Produced as part of the Bognor Regis creative digital hub project. Find out more at wiredsussex.com • Licensed under a Creative Commons Attribution-ShareAlike 4.0 International License

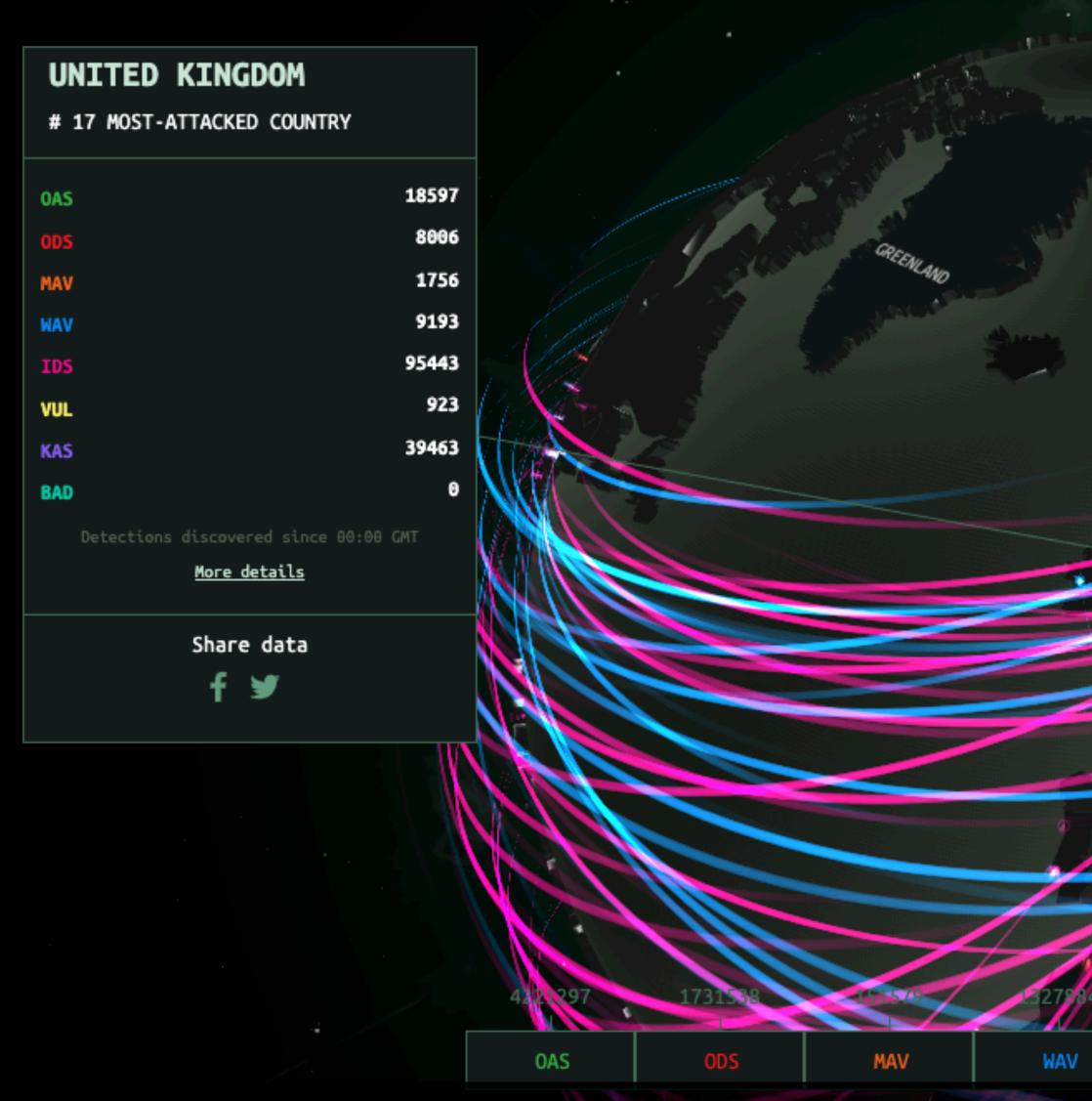
**'The Creative Sector in Bognor Regis and beyond' Caroline Beavon for Wired Sussex** 

# ONESTEP EURIER ....

### CYBERTHREAT REAL-TIME MAP 💥 EN

kaspersky

MAP STATISTICS DATA SOURCES BUZZ WIDGET



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ACCEPT AND CLOSE



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#### FLIGHT VIDEOS DECONSTRUCTED

This illustration shows the wingbeats of five different flying species. Each frame is based on traced body positions taken from slow-motion videos of real animals. Specific points on the wings were marked at each of the 15 frames and connected using imaginary curves.

NOTE: This illustration is an observational exercise only. It does not represent any peer-reviewed, scientifically accepted information.

DOWNSTROKE

UPSTROKE

#### DRAGONFLY

Dragonflies are very fast predatory insects that eat mosquitoes and other small insects.

#### HAWK MOTH

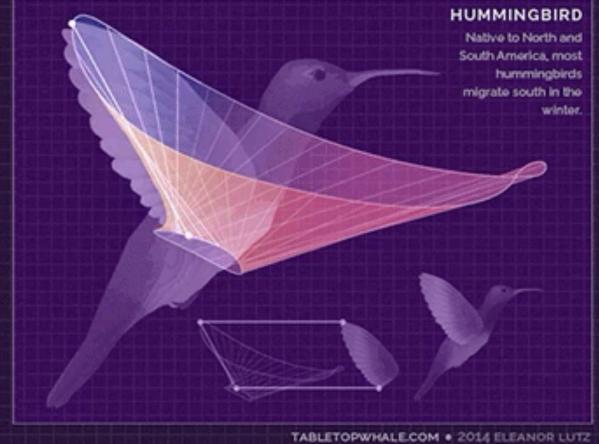
Native to most of America. hawk moths are often used in labs due to their large size and short life cycle.

#### EGYPTIAN FRUIT BAT

These bats are important pollinators native to the Middle East and most of Africa.

#### CANADA GOOSE

Found primarily in North Amorica, Canada geese can weigh over 5kg. Males are territorial.



#### HUMMINGBIRD

Native to North and South America, most hummingbirds migrate south in the winter.

# 



# LET THEM PLAY

# **HOUSING NEW YORK**

Housing New York is a five-borough, ten-year strategy to address New York City's affordable housing crisis. The plan outlines more than 50 initiatives to support the goal of building or preserving 200,000 units of high-quality affordable housing to meet the needs of more than 500,000 people by 2024.

Explore this dataset to see how much progress has been made. Choose a borough below to filter and hover over the map to see details about the projects.



# +ableau<sup>+</sup>+public +.

**'Housing New York'** Lisa Rapp

### A blueprint for expanding affordable housing opportunities for low to middle income New Yorkers

/n	Manhattan	Queens	Staten Islan
RATE	ELIZABETH © 2020 Mapbox © OpenStreetMap	NFAIler Inge	
	Finished O Under Construction	ction	

Data: NYC OpenData | Created for #IronQuest | Designed by: Lisa Rapp (@NablaVanderlyle)









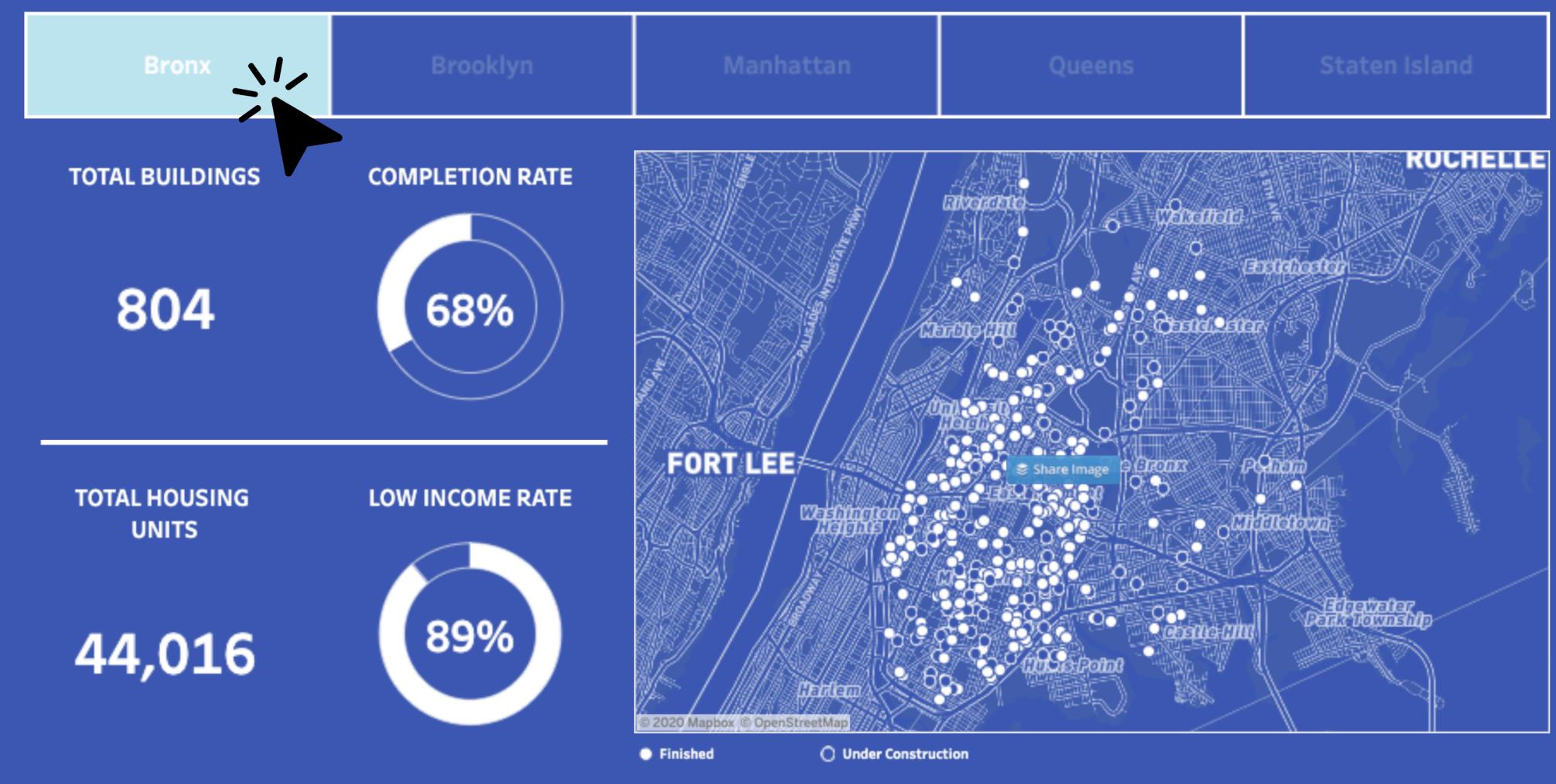


# THEM PLAY

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# +ableau<sup>+</sup>+public

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恭 + a b l e a u

### A blueprint for expanding affordable housing opportunities for low to middle income New Yorkers

Data: NYC OpenData | Created for #IronQuest | Designed by: Lisa Rapp (@NablaVanderlyle)





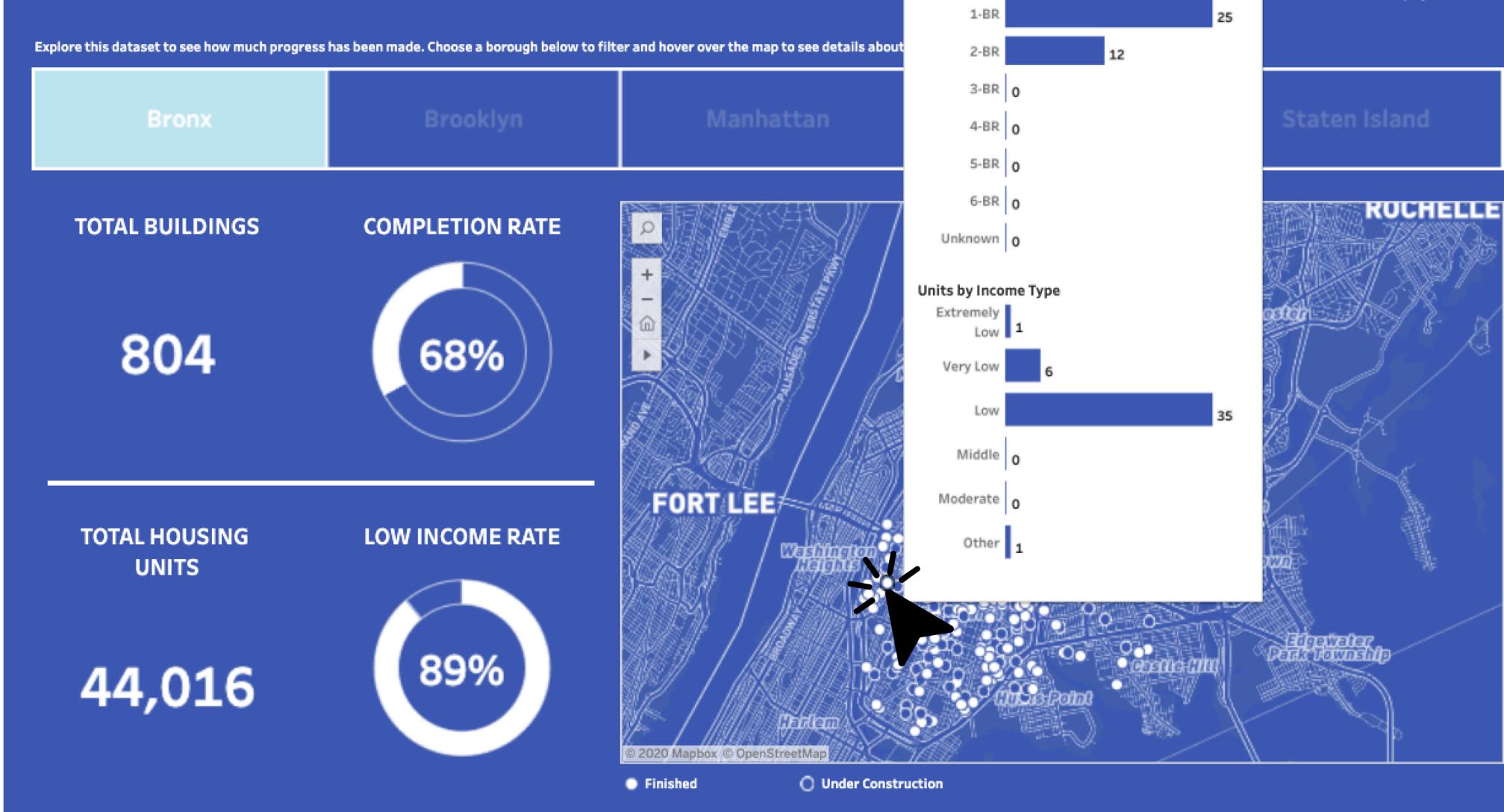




# THEM PLAY

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Housing New York is a five-borough, ten-year strategy to address New York City's affordable housing crisi support the goal of building or preserving 200,000 units of high-quality affordable housing to meet the ne



# +ableau<sup>+</sup>+public +.

**'Housing New York'** Lisa Rapp

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### A blueprint for expanding opportunities for low to

Data: NYC OpenData | Created for #IronQuest | Designed by: Lisa Rapp (@NablaVanderlyle)

- 1130 SHEVA REALTY HDFC.HPO.FY17 -

Project Start Date: 6/21/2017

Type: Preservation

Studio

Status: Finished

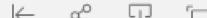
Total Units: 43

Units by Size



s to









**'My Route"** Sampad & Caroline Beavon



## HAPPY HOW ON A SCALE FROM 1-107 TAKE ONE CUMBALL FROM THE CORRESPONDING MACHINE [ONE PER PERSON, PLEASE!]

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'The Happy Show" Stefan Sagmeister

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'Of All the People in All the World" Stan's Cafe



# STARLUS HULLEN KORMANON



# INFOGRAPHICS AND DATA VISUALISATION

