



# SPATIAL DATA - A BRIEF INTRODUCTION

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A step-change in  
quantitative social  
science skills  
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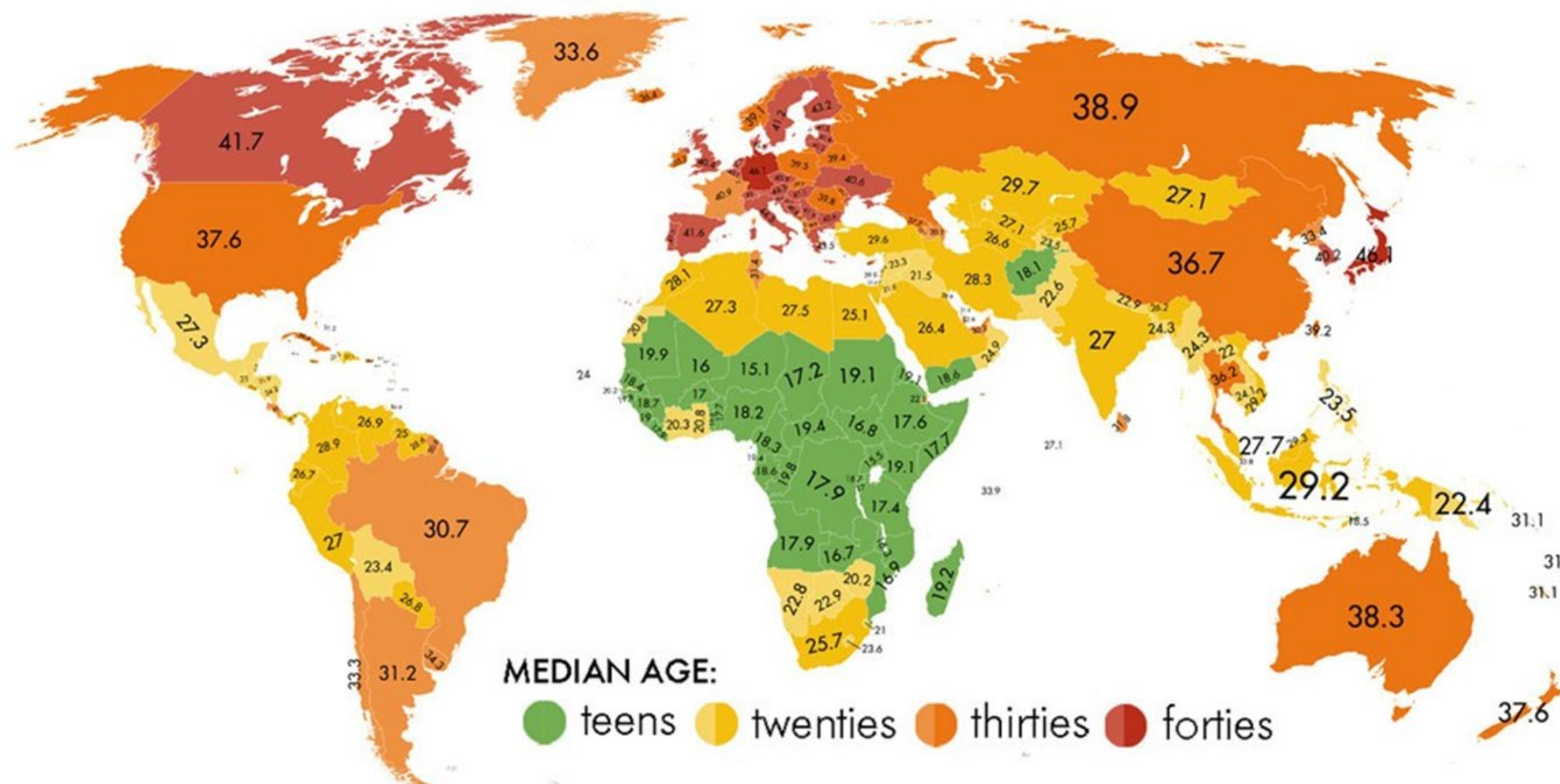


“ALL THAT DATA, THANKS TO THE GRAPHIC, CAN BE THOUGHT ABOUT IN MANY DIFFERENT WAYS AT MANY DIFFERENT LEVELS OF ANALYSIS- RANGING FROM THE CONTEMPLATION OF GENERAL OVERALL PATTERNS TO THE DETECTION OF VERY FINE COUNTY-BY-COUNTY DETAIL”

-EDWARD TUFTE

# SPATIAL DATA – AN EXAMPLE

## World Median Ages



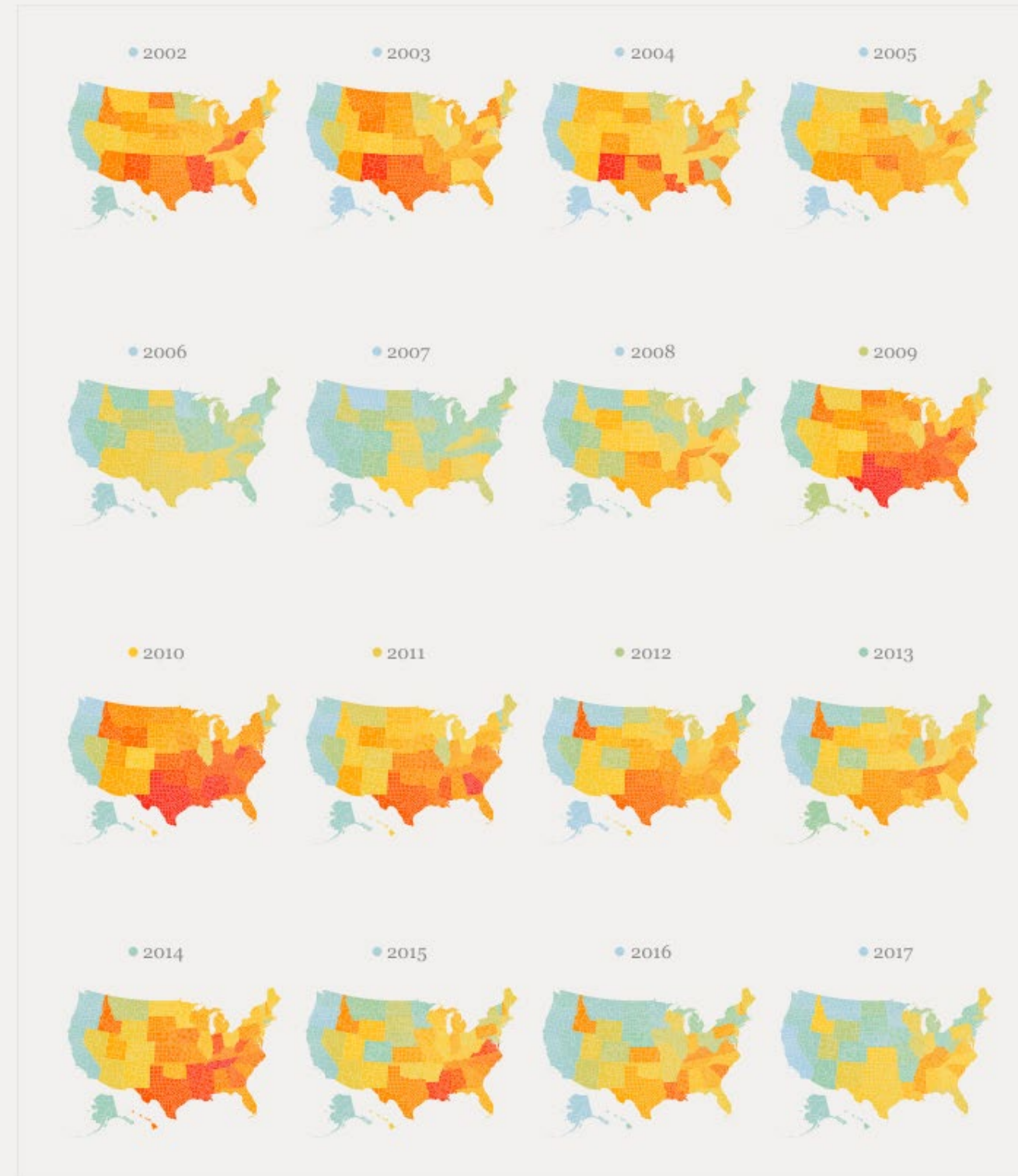
**YOUNGEST:** 1. Niger (15.1) 2. Uganda (15.5) 3. Mali (16) 4. Malawi (16.3) 5. Zambia (16.7)

**OLDEST:** 1. Germany & Japan (46.1) 2. Italy (44.5) 3. Austria (44.3) 4. Virgin Islands (44.2)

# SPATIAL DATA — AN EXAMPLE

## At Minimum.

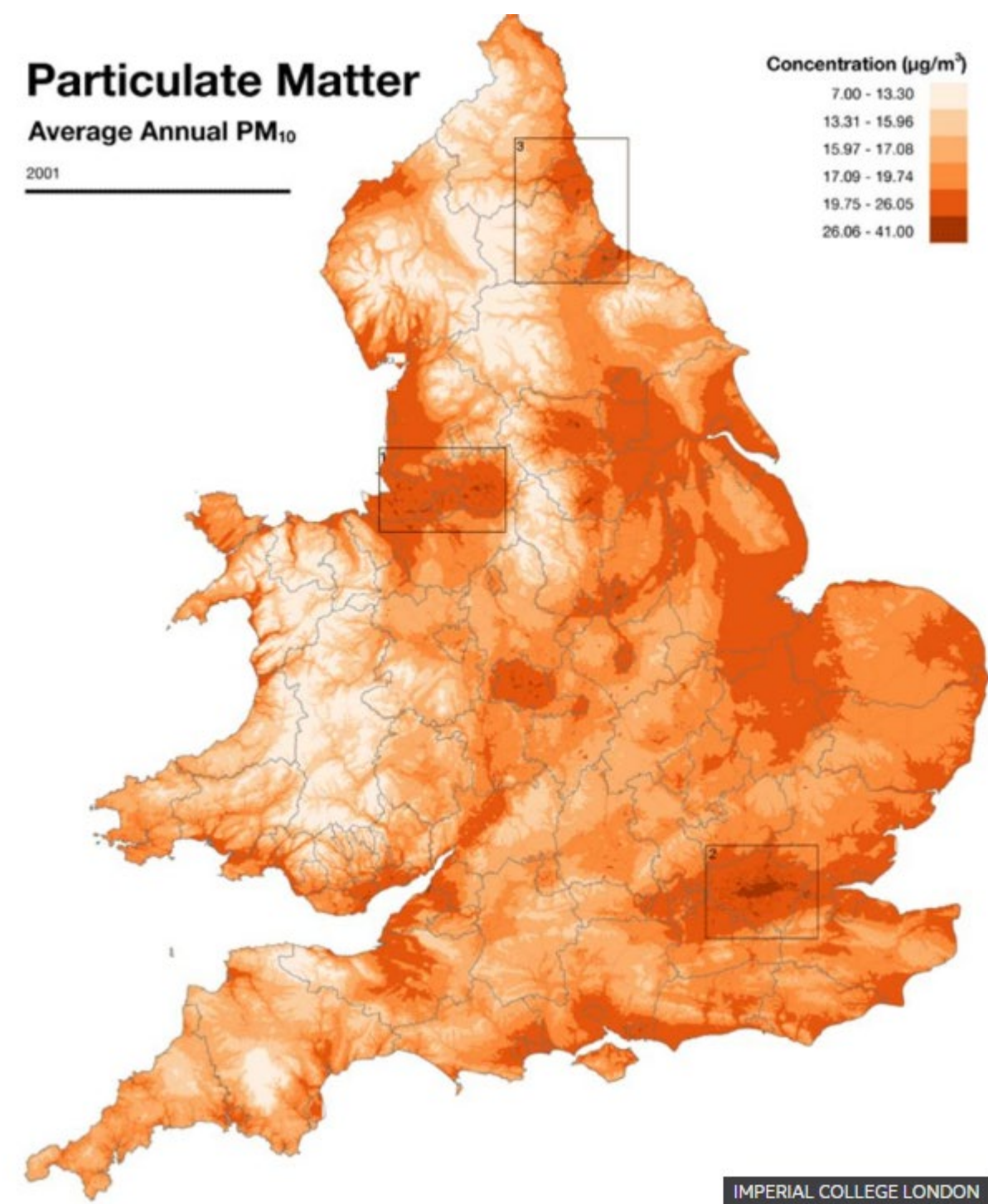
% of all U.S. hourly workers earning minimum wage or less



Source: U.S. Bureau of Labor Statistics  
Inspired by FiveThirtyEight's Ella Koeze

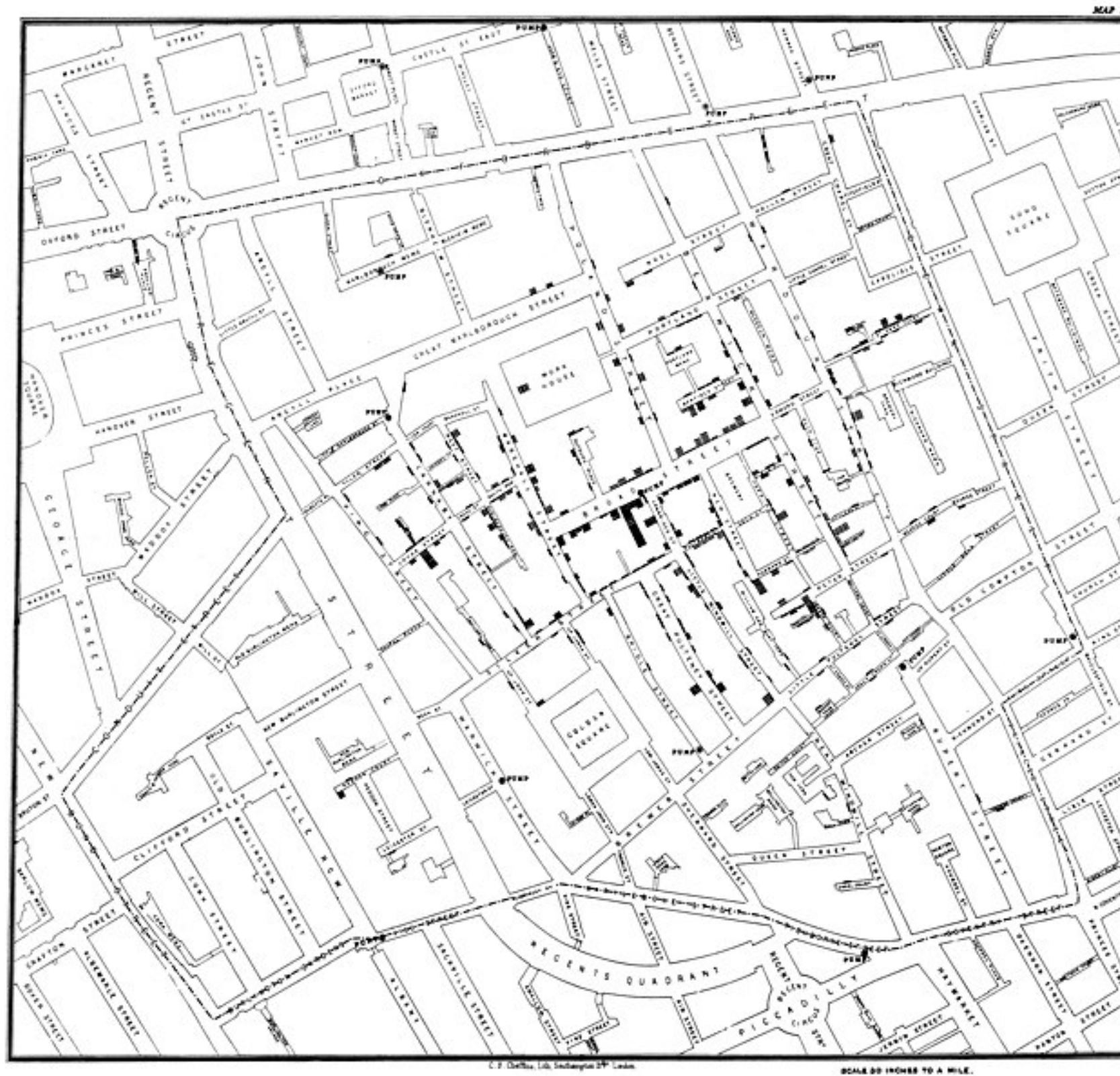


# SPATIAL DATA – AN EXAMPLE



Source: BBC and Imperial College London

# SPATIAL DATA – ORIGINS



Original map made by John Snow in 1854. Source: Wikimedia Commons