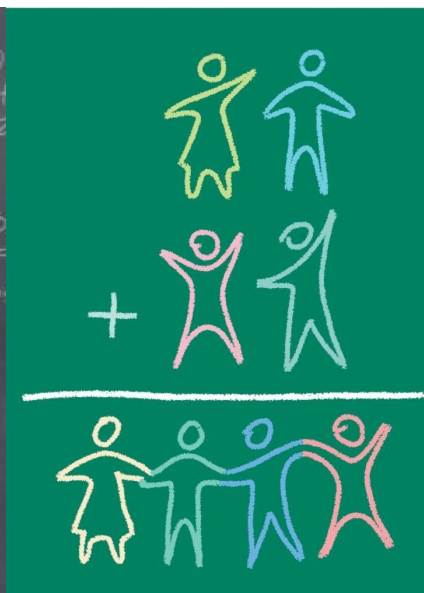
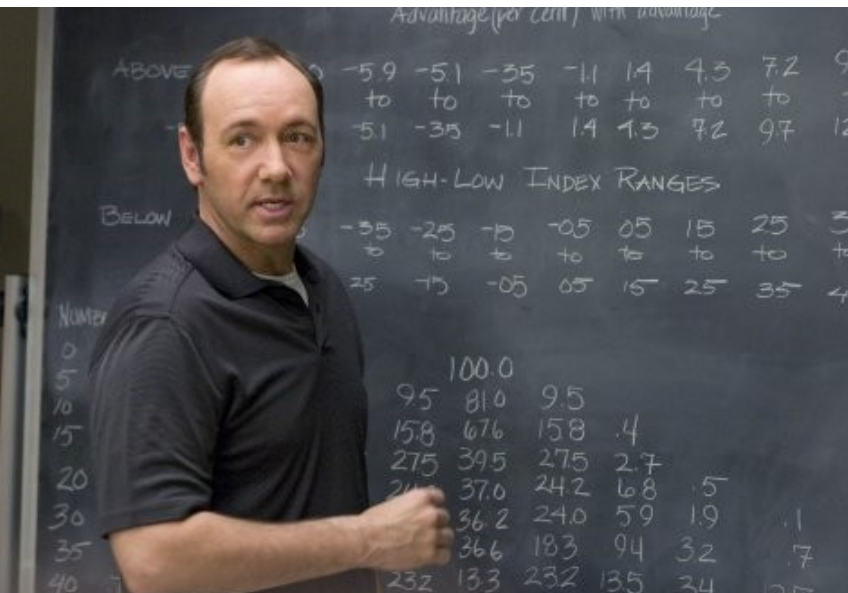
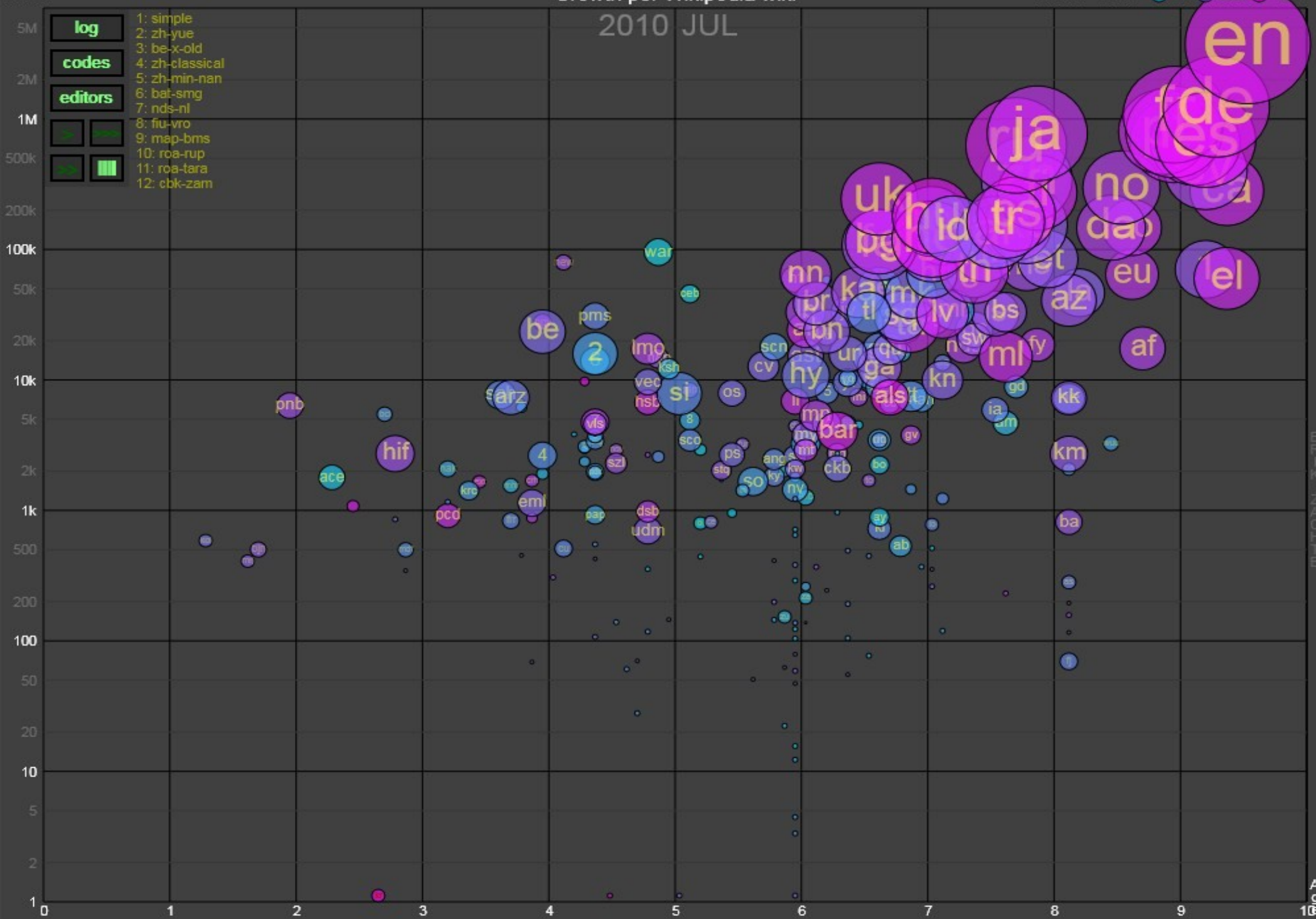


# Global Distribution of Wikipedia Edits and Reads

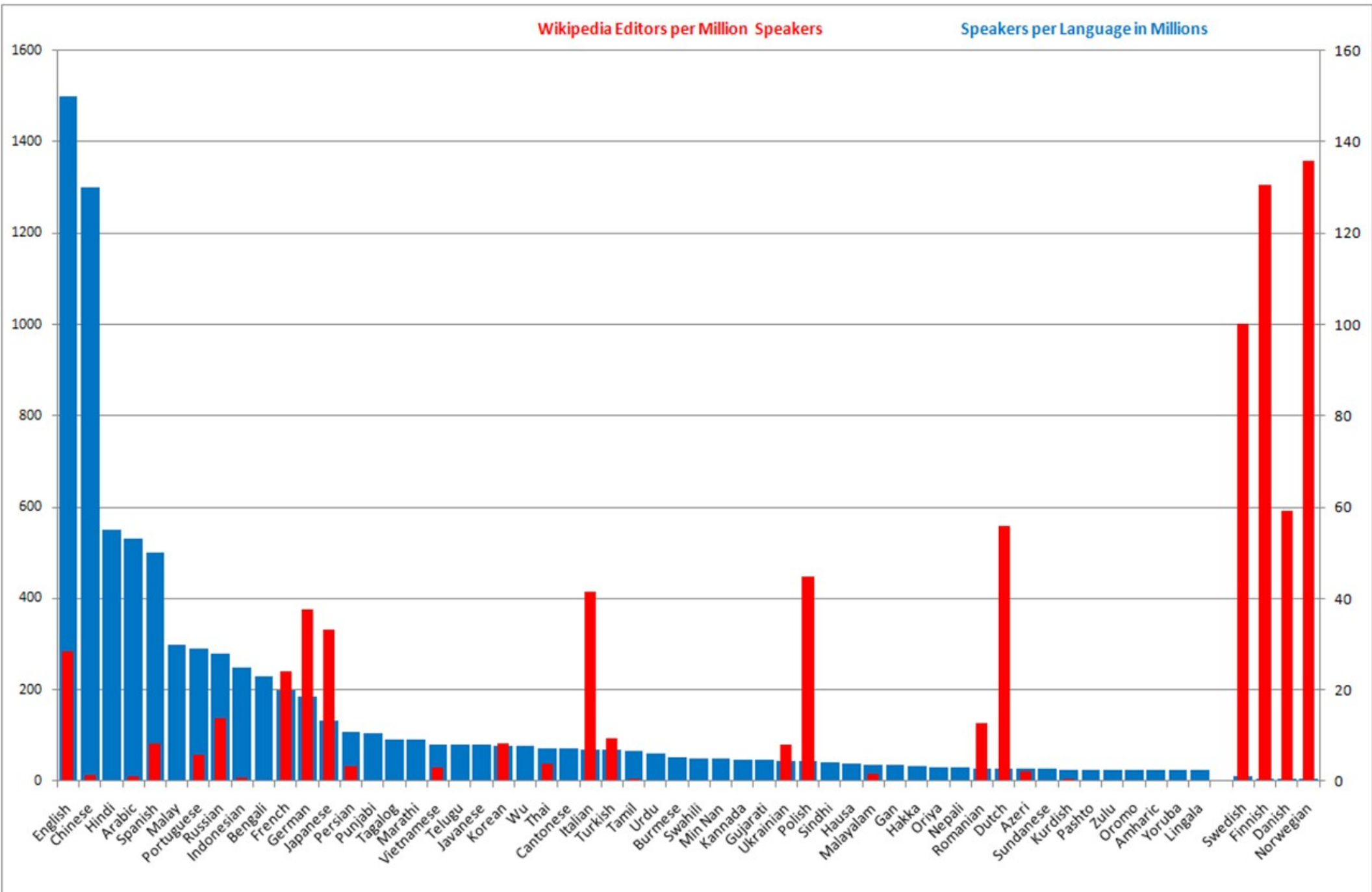
<http://infodisiac.com/blog>

[ezachte@wikimedia.org](mailto:ezachte@wikimedia.org)





# Participation per language (2009)





Most views from N-America. Most edits from Europe.

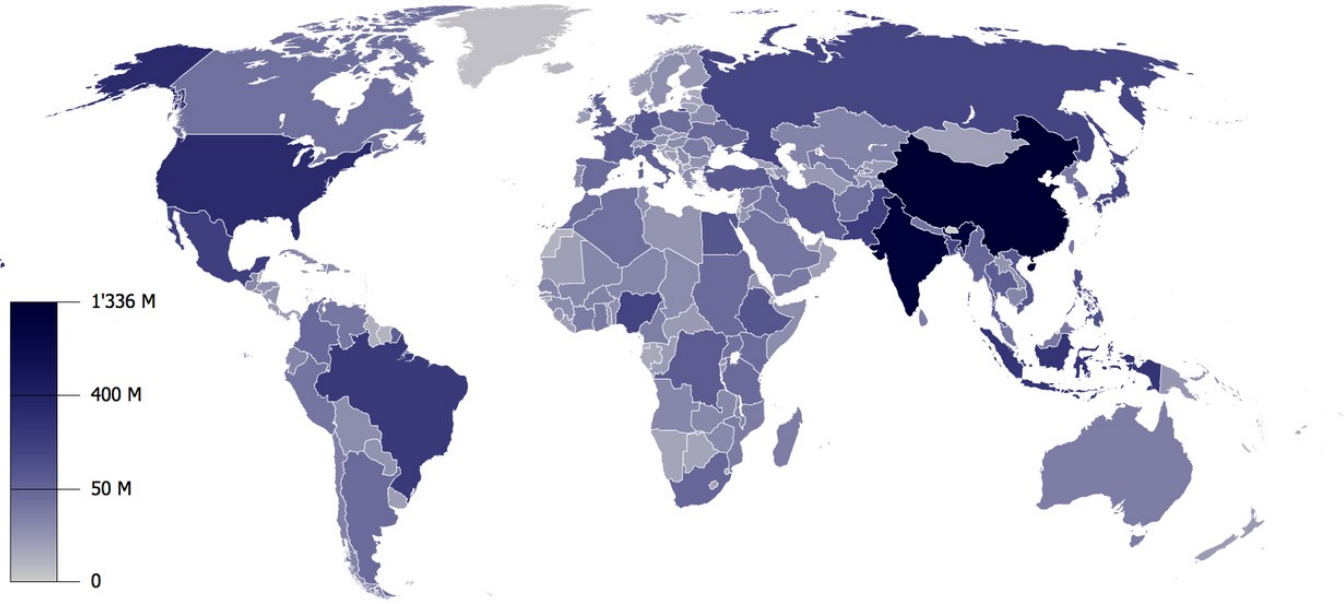
## Edits

All countries in	Global North		5.8 M	1285 M	798 M	62%	0.0073	84.1%	
All countries in	Global South		1.1 M	5471 M	935 M	17%	0.0012	15.9%	
All countries in	Africa		70 K	1048 M	92 M	9%	0.0008	1.0%	
All countries in	Asia		1.0 M	4012 M	798 M	20%	0.0013	14.5%	
All countries in	Australia		154 K	22 M	17 M	77%	0.0090	2.2%	
All countries in	Europe		3.6 M	740 M	391 M	53%	0.0092	52.0%	
All countries in	Central-America		32 K	96 M	16 M	17%	0.0019	0.5%	
All countries in	North-America		1.7 M	450 M	281 M	62%	0.0060	24.6%	
All countries in	South-America		324 K	374 M	135 M	36%	0.0024	4.7%	
All countries in	Oceania		34 K	14 M	3.8 M	28%	0.0089	0.5%	
United States	North America	N	1.1 M	308 M	228 M	74%	0.0061	20.2%	
Germany	Europe	N	524 K	82 M	54 M	66%	0.0097	7.6%	
United Kingdom	Europe	N	486 K	62 M	47 M	75%	0.0104	7.0%	
France	Europe	N	424 K	65 M	43 M	66%	0.0098	6.1%	

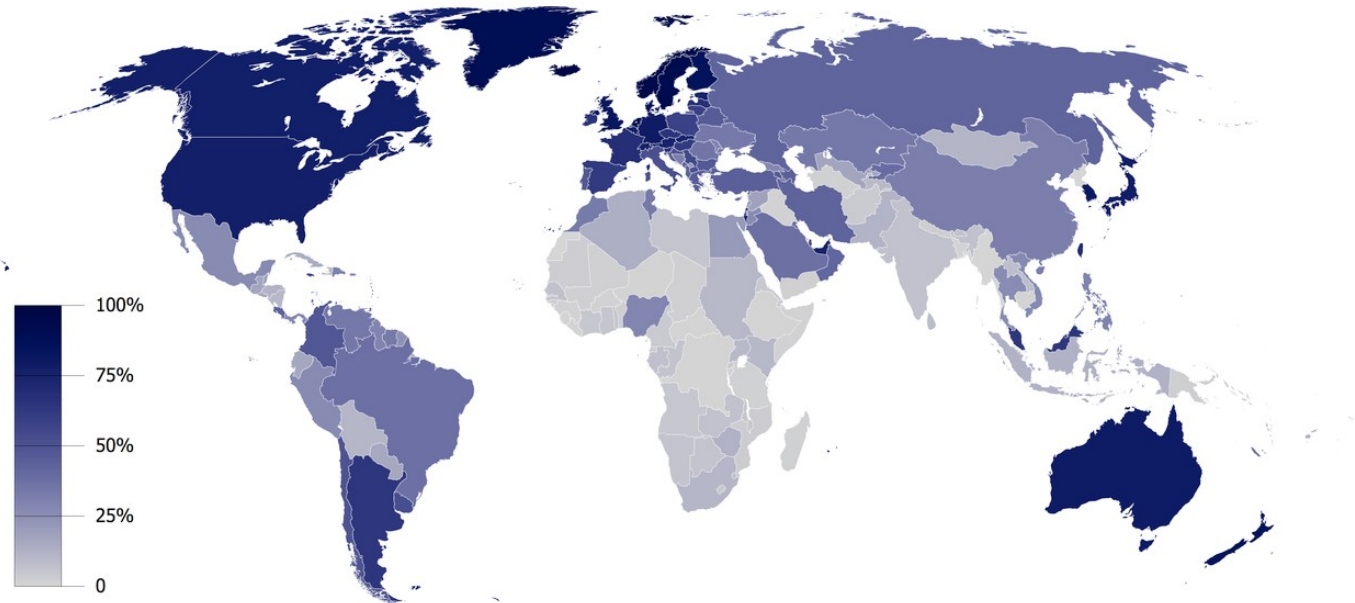
## Views

All countries in	Global North		10919 M	1285 M	798 M	62%	14	83.3%	
All countries in	Global South		2188 M	5471 M	935 M	17%	2	16.7%	
All countries in	Africa		189 M	1048 M	92 M	9%	2	1.4%	
All countries in	Asia		2041 M	4012 M	798 M	20%	3	15.6%	
All countries in	Australia		254 M	22 M	17 M	77%	15	1.9%	
All countries in	Europe		4717 M	740 M	391 M	53%	12	36.0%	
All countries in	Central-America		100 M	96 M	16 M	17%	6	0.8%	
All countries in	North-America		5141 M	450 M	281 M	62%	18	39.2%	
All countries in	South-America		624 M	374 M	135 M	36%	5	4.8%	
All countries in	Oceania		42 M	14 M	3.8 M	28%	11	0.3%	
United States	North-America	N	4443 M	308 M	228 M	74%	20	33.9%	
Germany	Europe	N	954 M	82 M	54 M	66%	18	7.3%	
Japan	Asia	N	950 M	128 M	96 M	75%	10	7.3%	
United Kingdom	Europe	N	677 M	62 M	47 M	75%	15	5.2%	
France	Europe	N	494 M	65 M	43 M	66%	11	3.8%	

# Countries by Population



# Internet Penetration

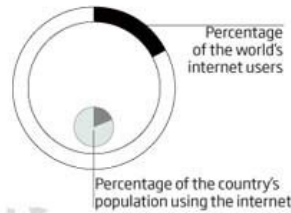




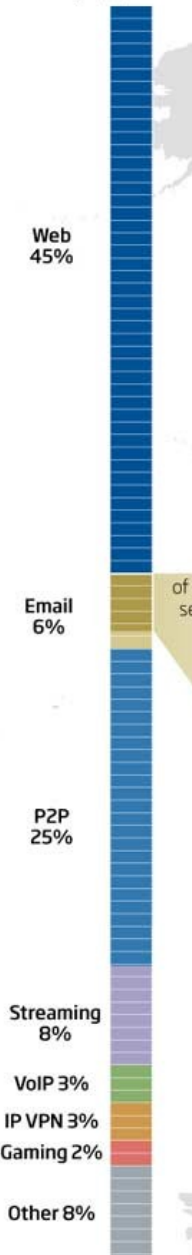
# The exploding internet 2008

Internet traffic is growing by about 50 per cent annually, with video and music streaming rising fastest. At the same time, the web is becoming divided along language lines

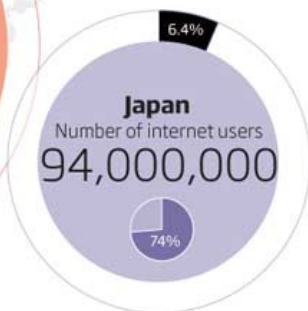
By 2012, Asian web surfers, including about 490 million Chinese, will outnumber North Americans by 3 to 1 and Indians will become the third-largest group online. Tomorrow's web will probably be dominated by a mixture of the English, Mandarin, Hindi, Portuguese and Russian languages



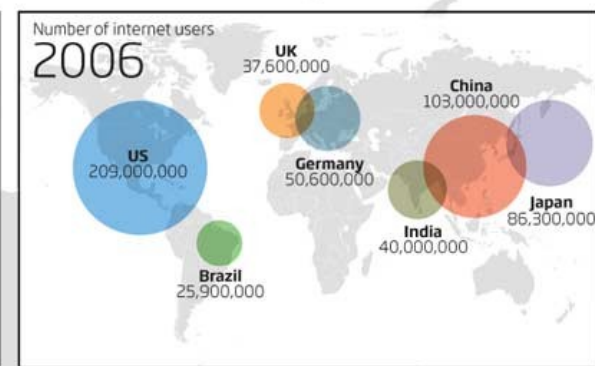
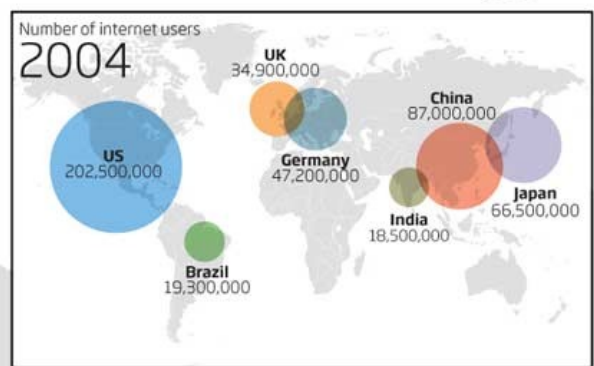
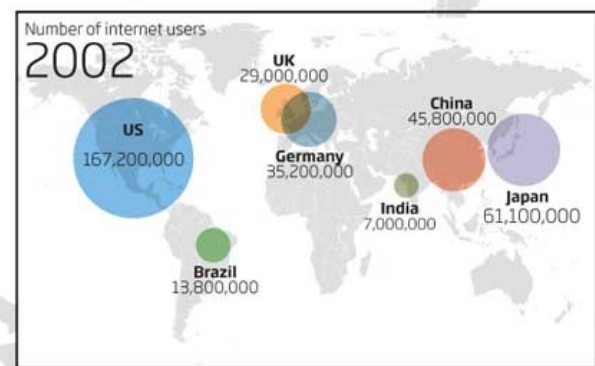
Internet traffic by application



of 210 billion emails sent daily in 2008  
**78% spam**



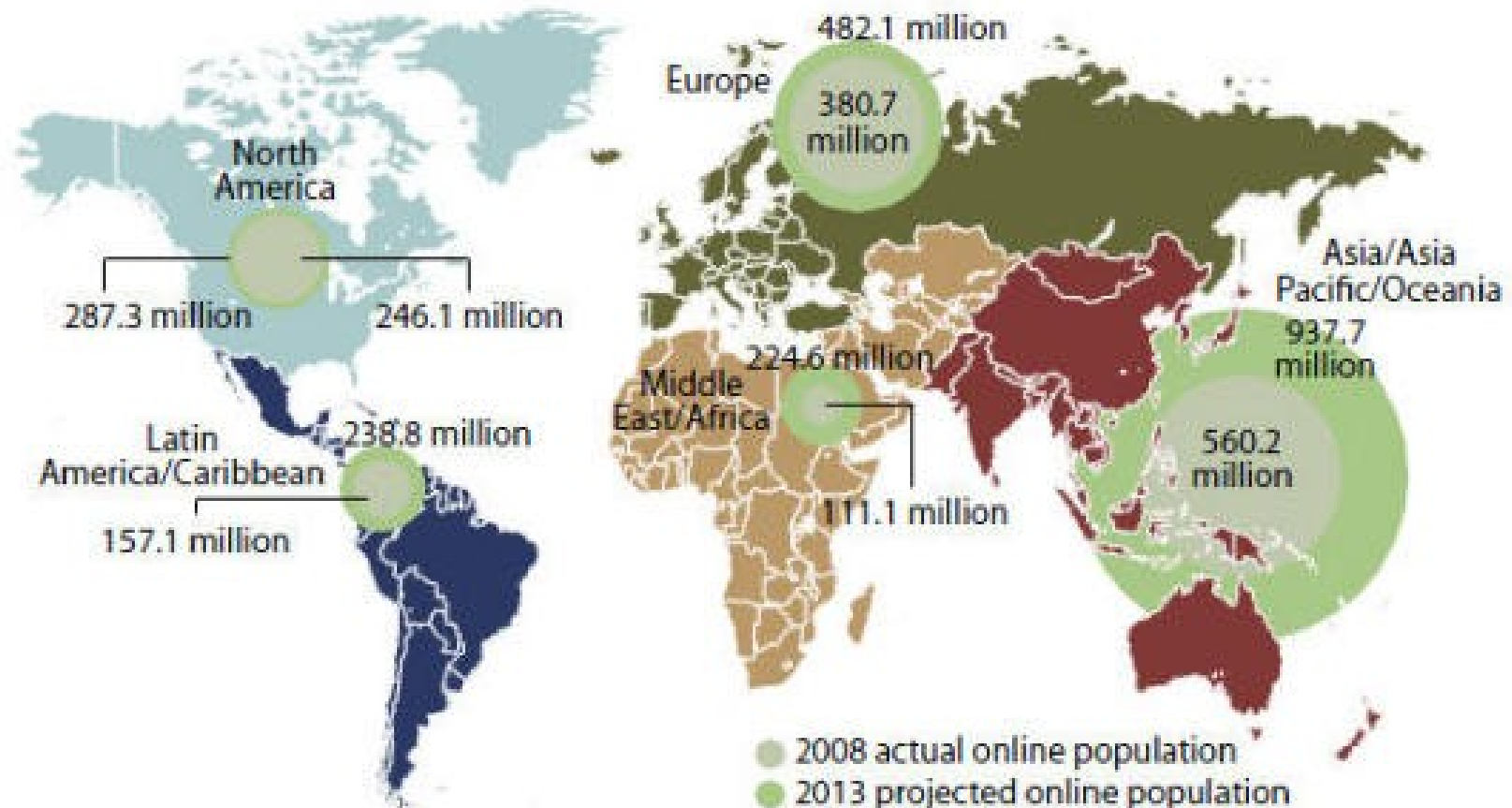
In 2008 e-commerce spending was  
**\$6.8 trillion =** ~15% Global GDP



P2P = Peer-to-peer file sharing, Streaming = Video and music downloads  
VoIP = Voice over Internet Protocol, IP VPN = Internet Protocol virtual private network

# Forrester: 2.2 billion people online in 2013

Figure 1 Growth Of The Global Internet Population By 2013



Source: Forrester Research Internet Population Forecast, 4/09 (Global)

# Equirectangular projection

Coordinates rounded to  $0.5^\circ \times 0.5^\circ$   
At equator  $55\text{km}^2 \sim 34\text{mi}^2$

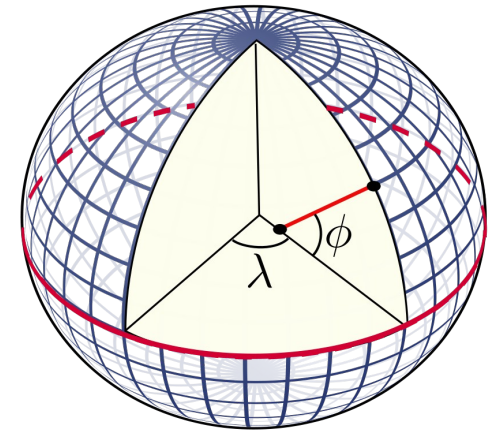
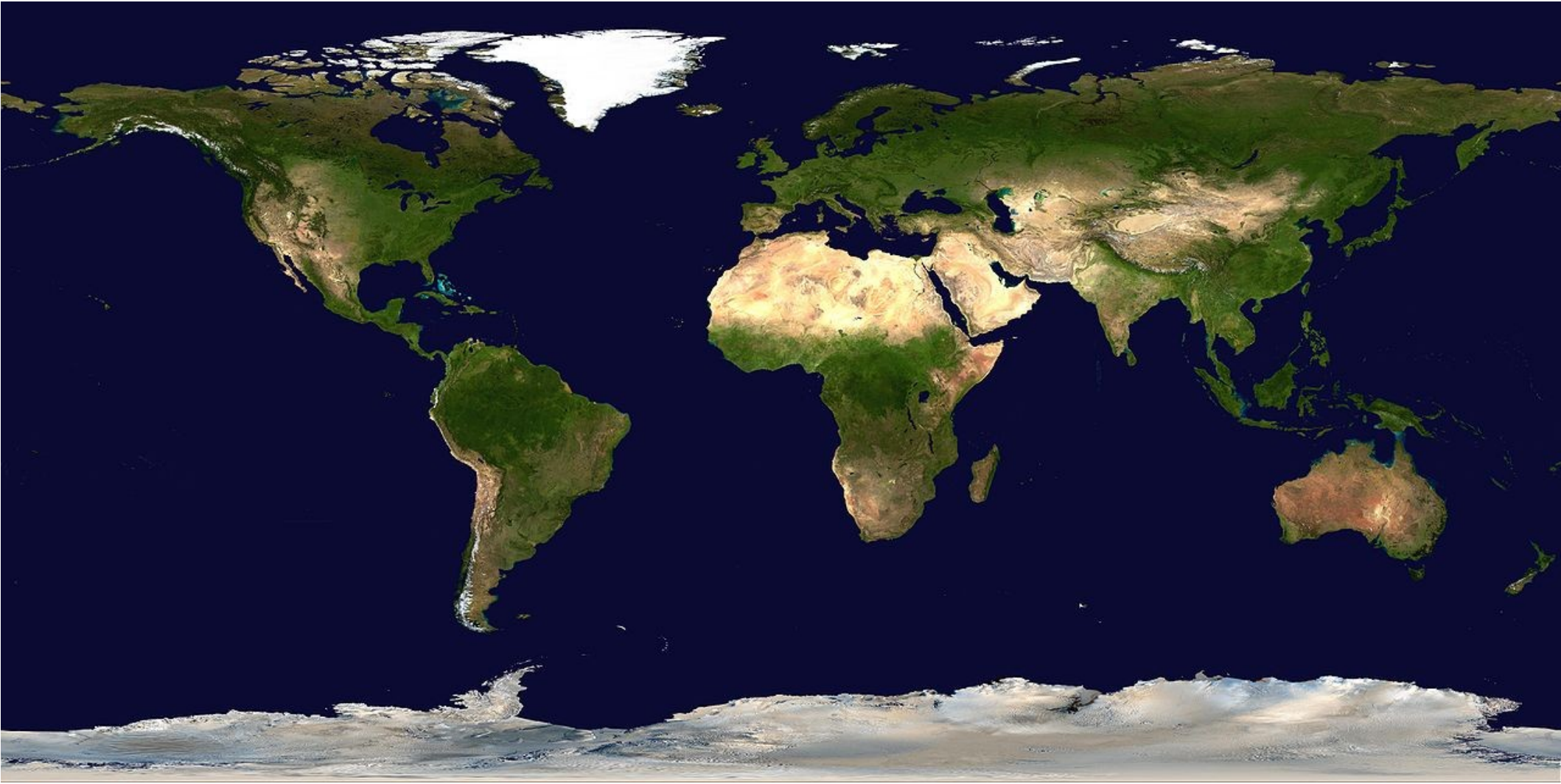


Image NASA

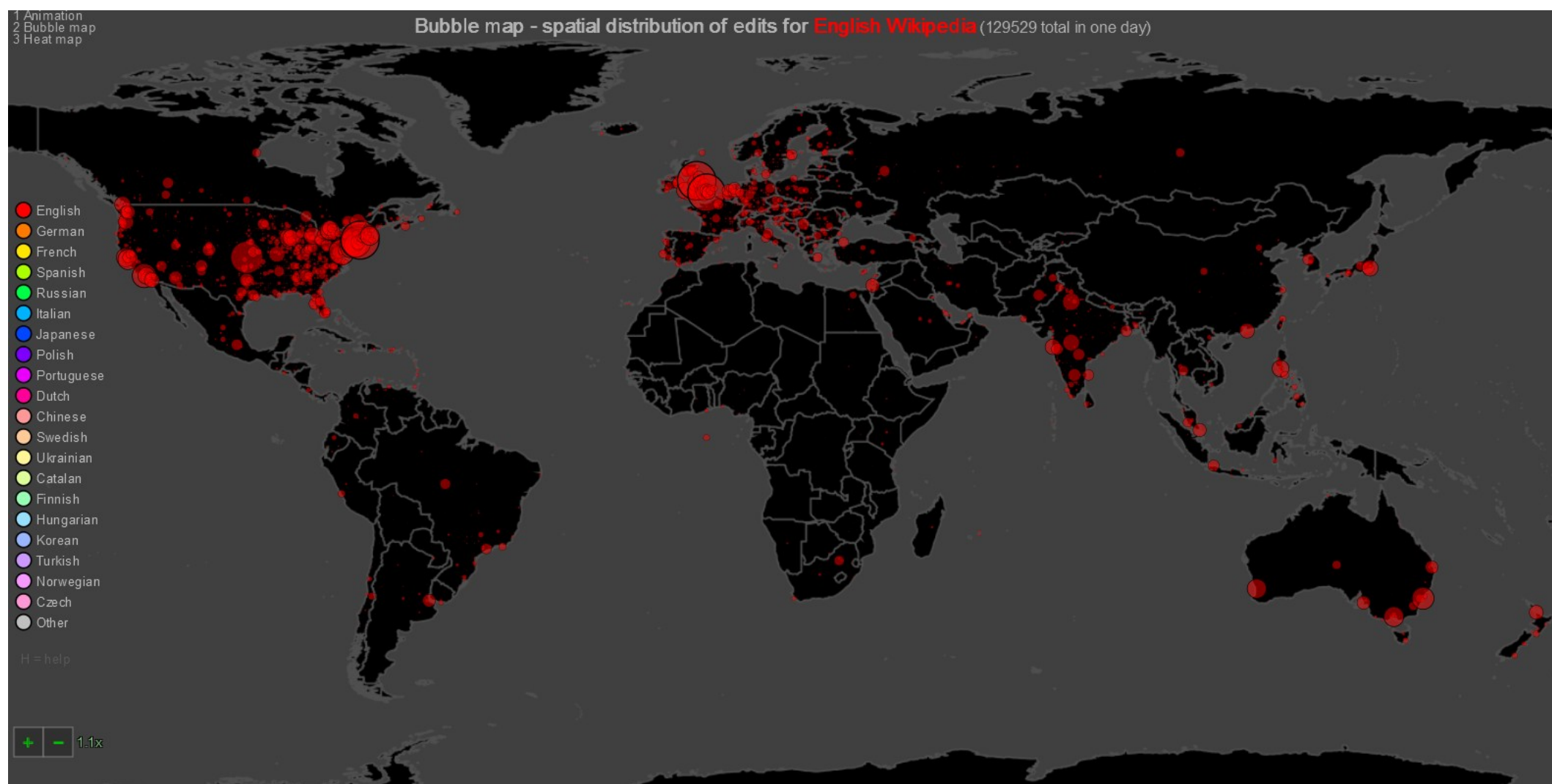




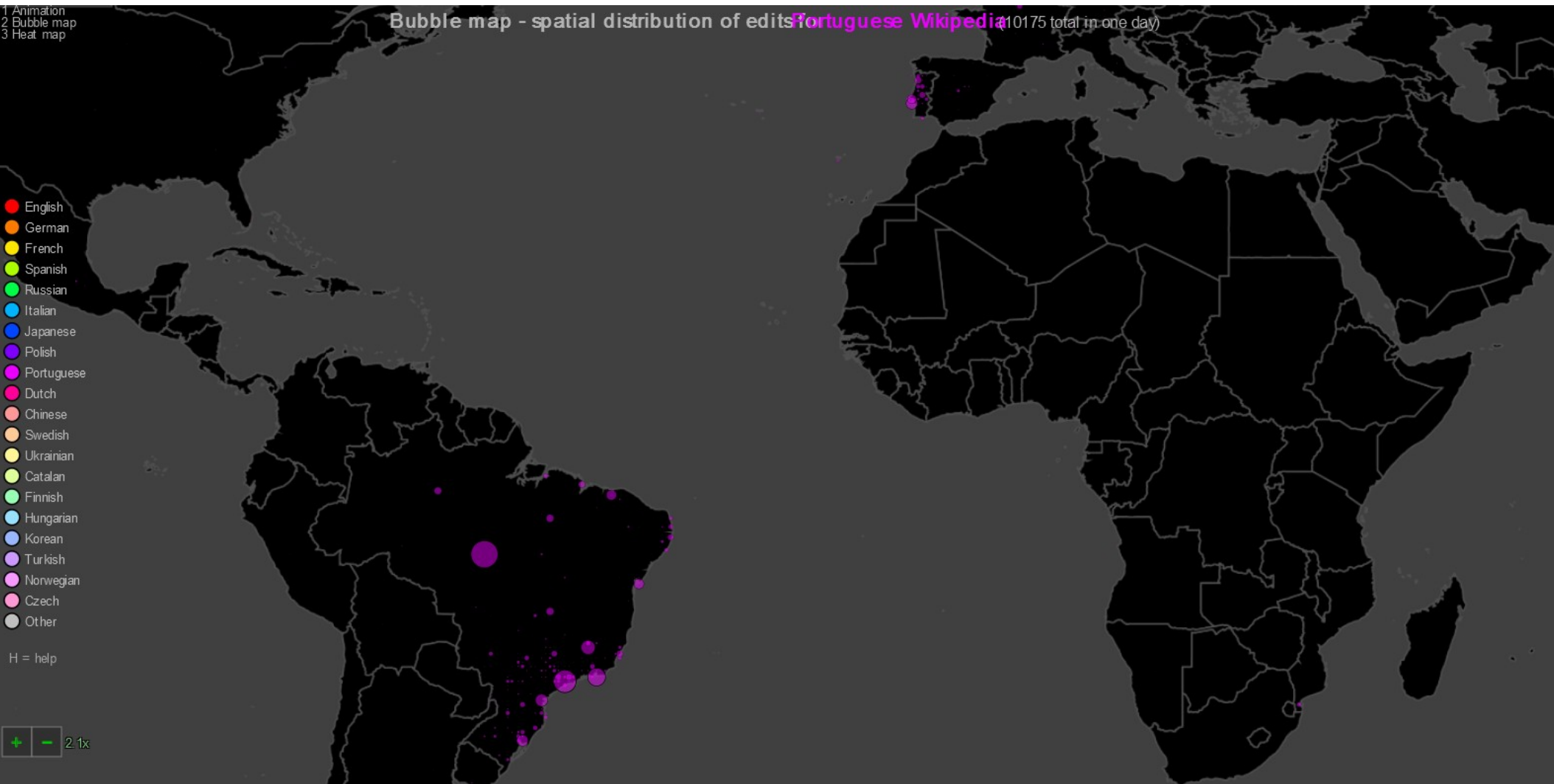
# Edits



# Distribution of Wikipedia page edits

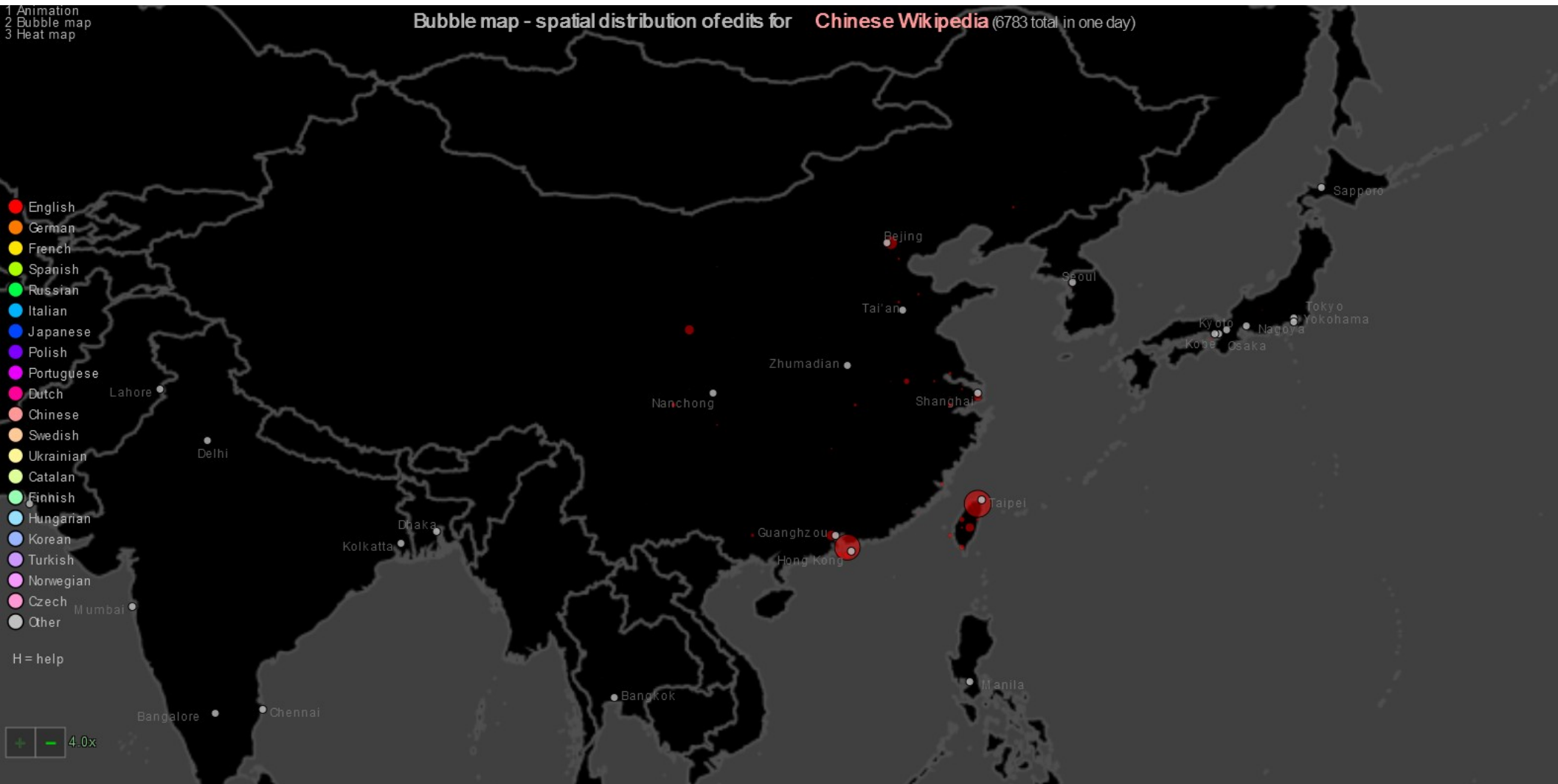


# Distribution of Wikipedia page edits

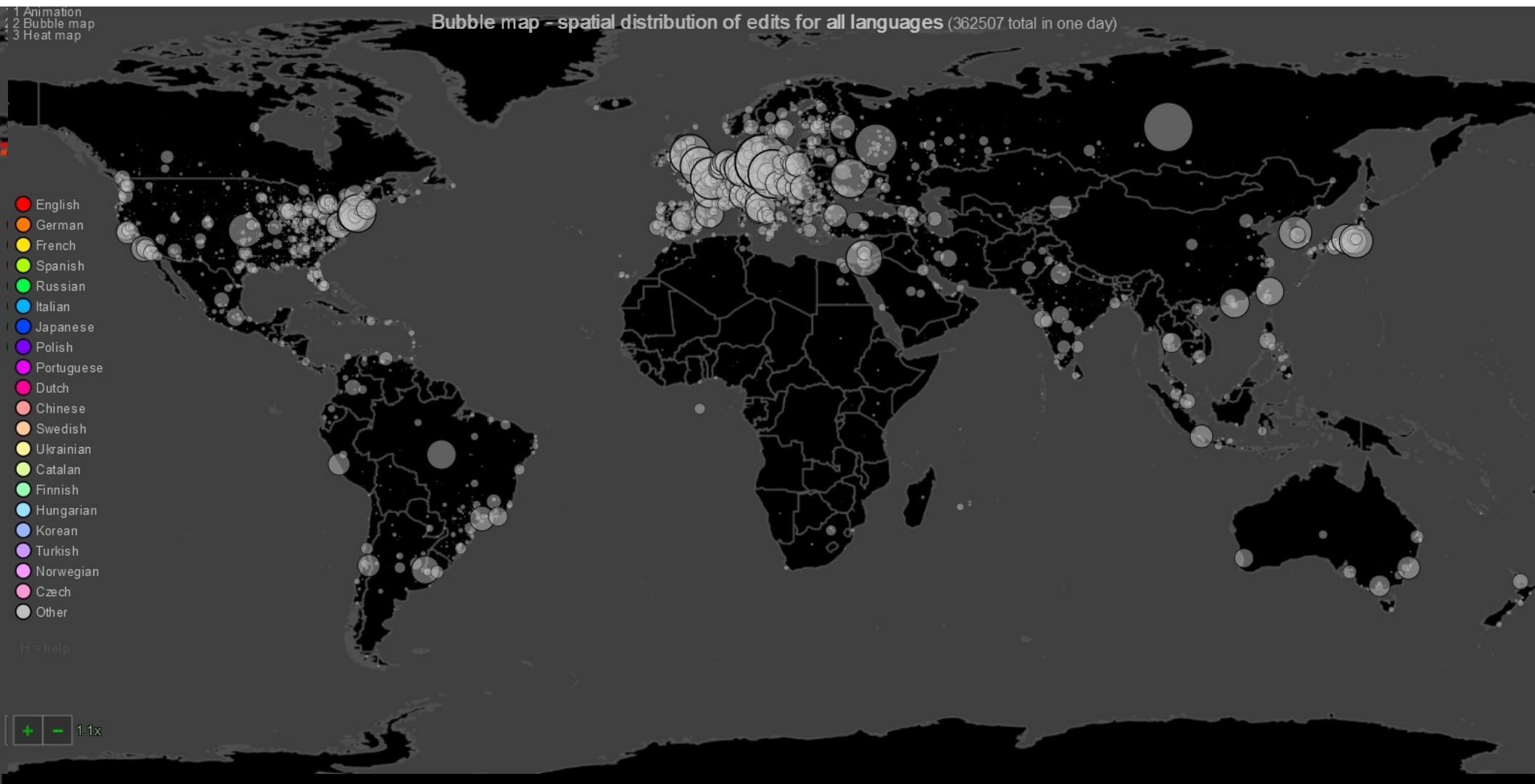




# Distribution of Wikipedia page edits



# Distribution of Wikipedia page edits



# Reads

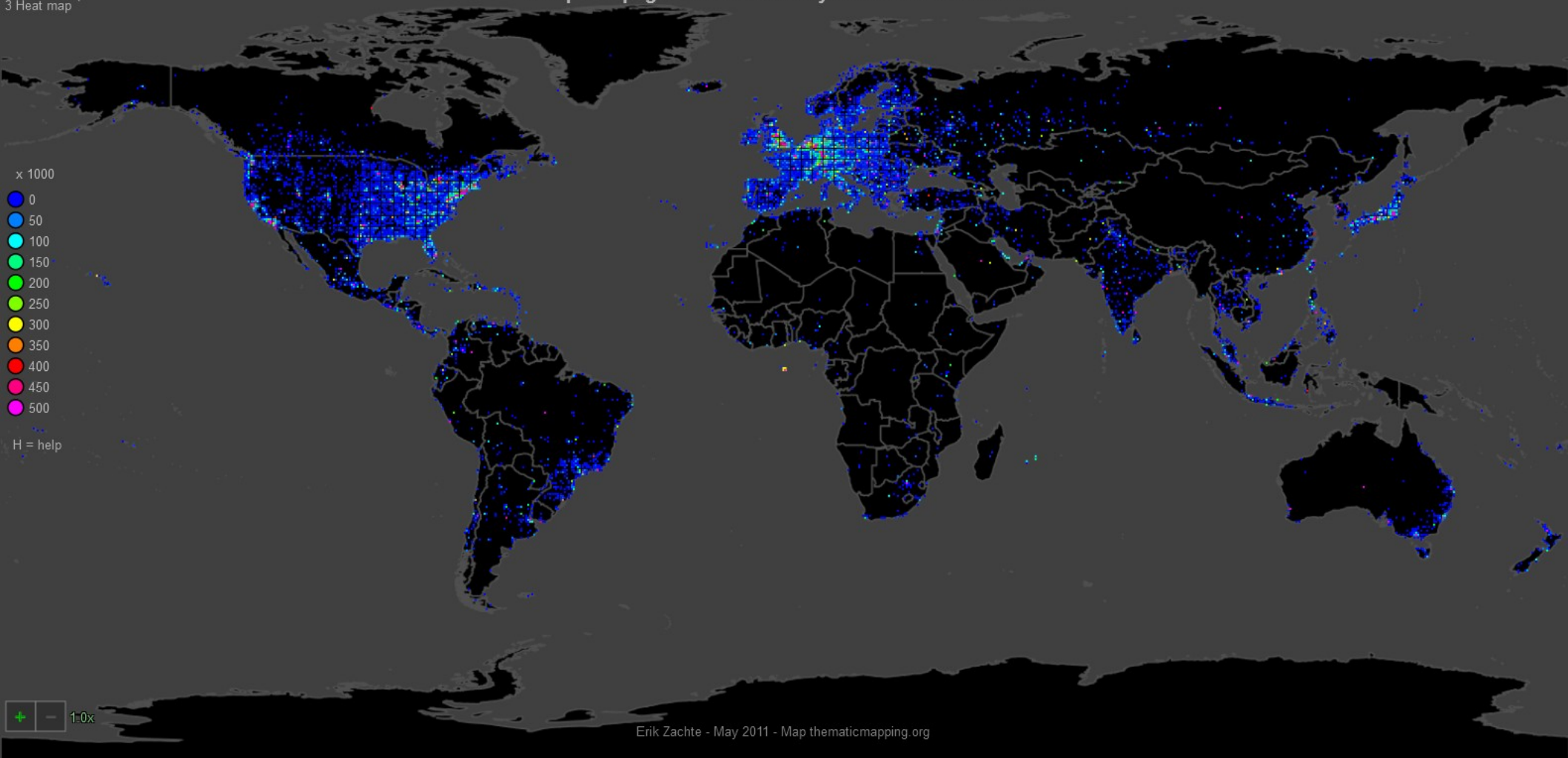




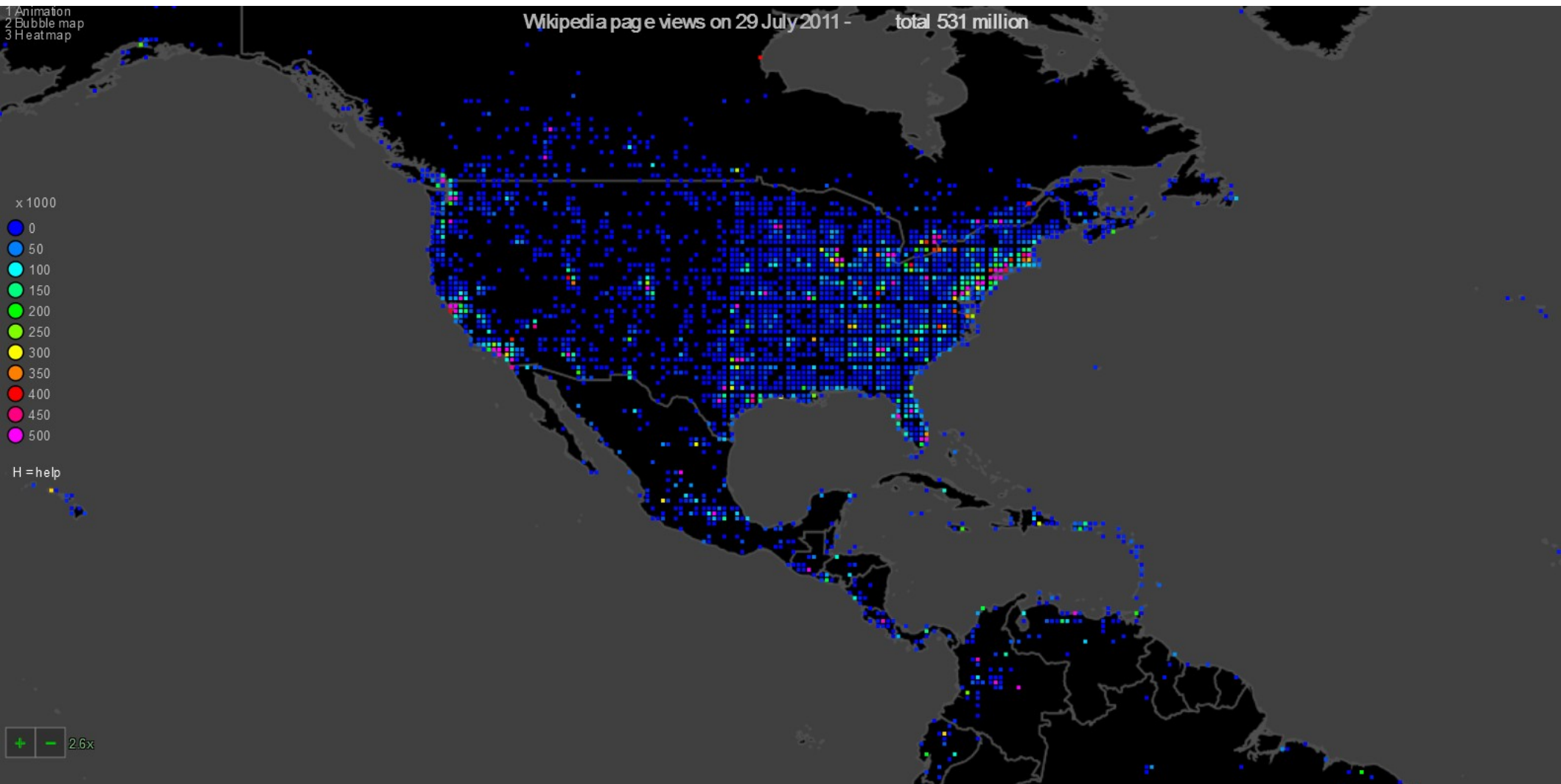
# Distribution of Wikipedia page views

- 1 Animation
- 2 Bubble map
- 3 Heat map

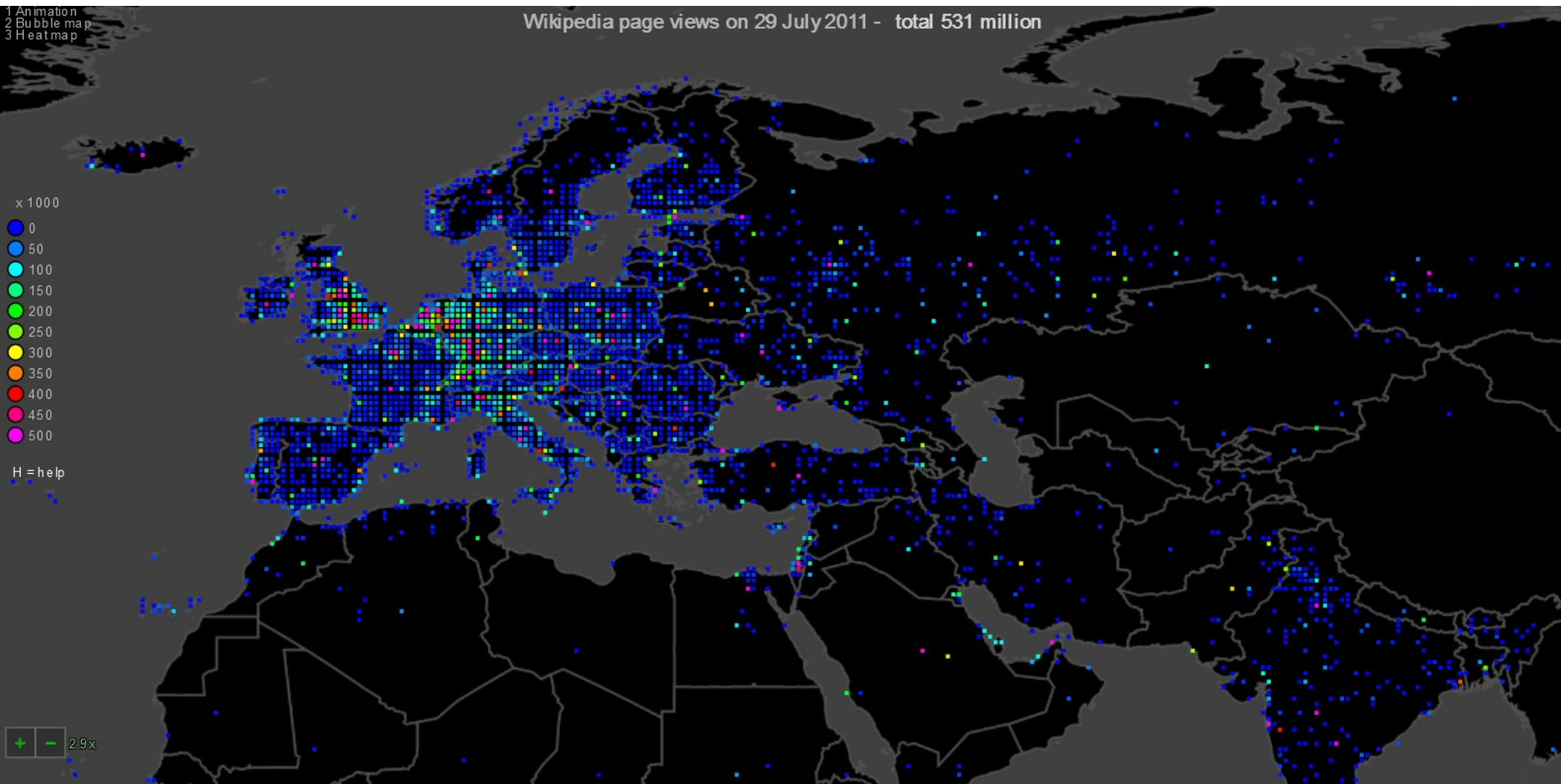
Wikipedia page views on 29 July 2011 - total 531 million



# Distribution of Wikipedia page views

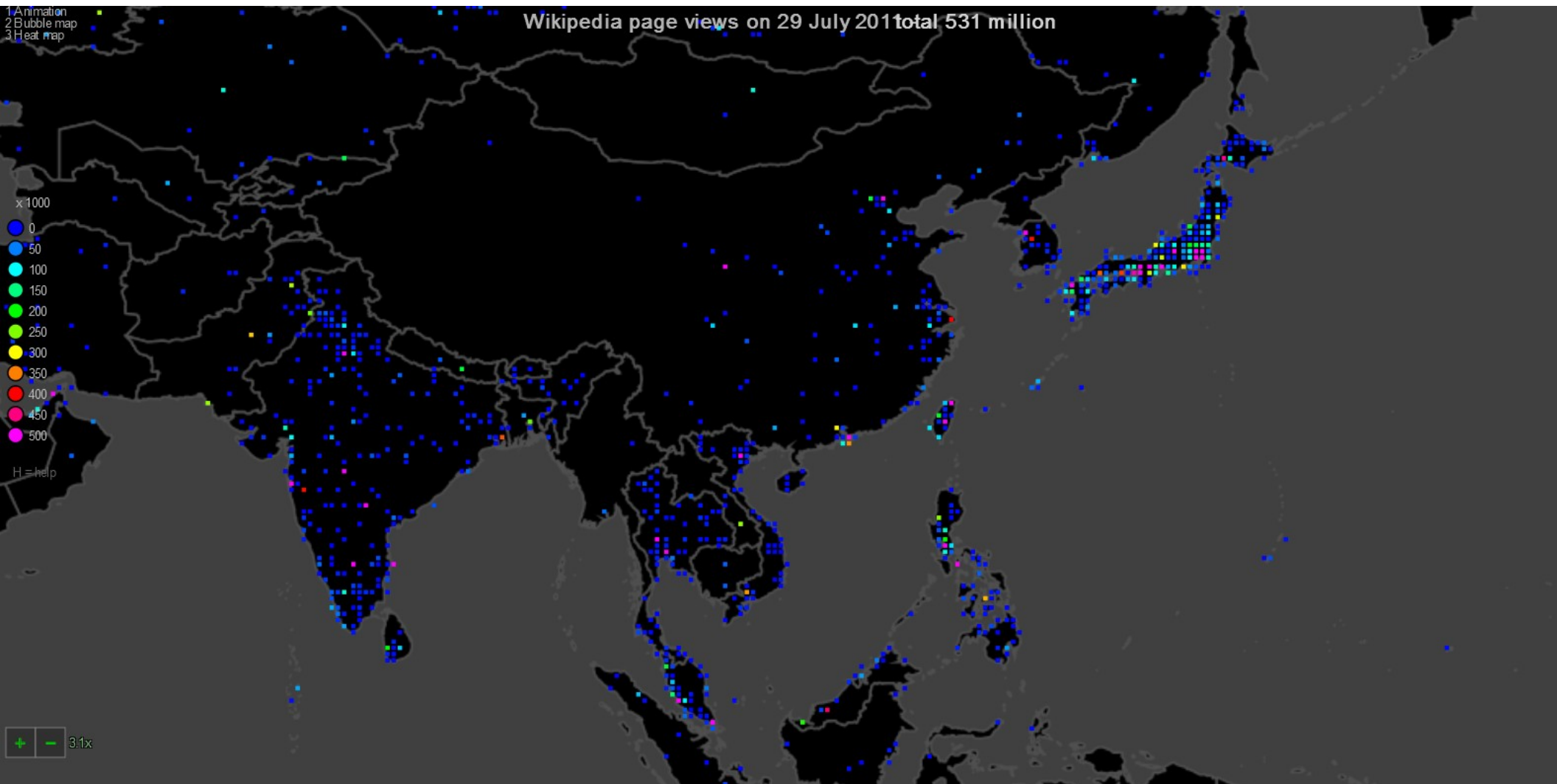


# Distribution of Wikipedia page views





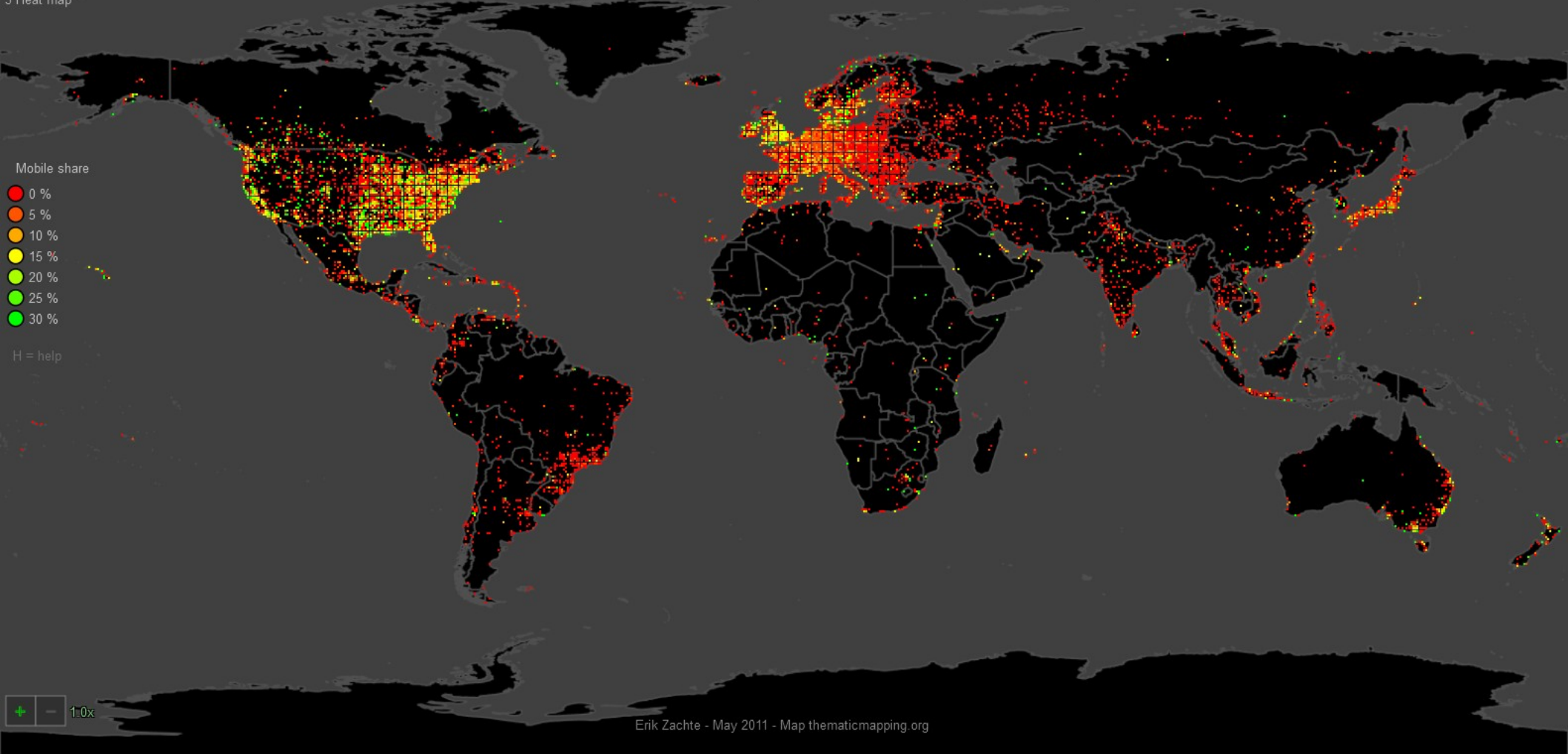
# Distribution of Wikipedia page views



# Page views from **mobile** devices

- 1 Animation
- 2 Bubble map
- 3 Heat map

Wikipedia page views on 29 July 2011 - mobile share (14.4% overall)

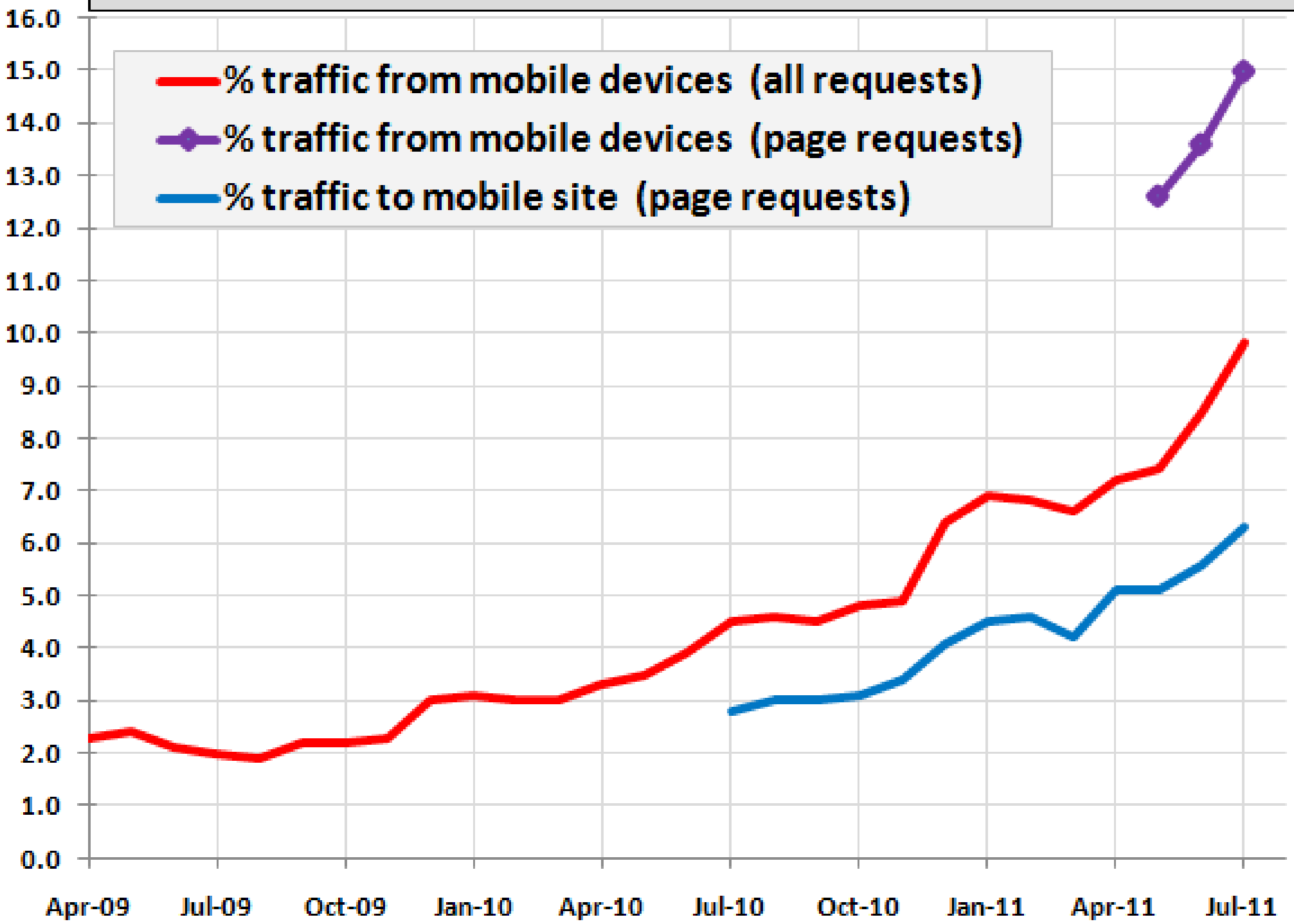


# % Wikipedia Traffic ... From mobile devices / To mobile site

- % traffic from mobile devices (all requests)
- ◆— % traffic from mobile devices (page requests)
- % traffic to mobile site (page requests)

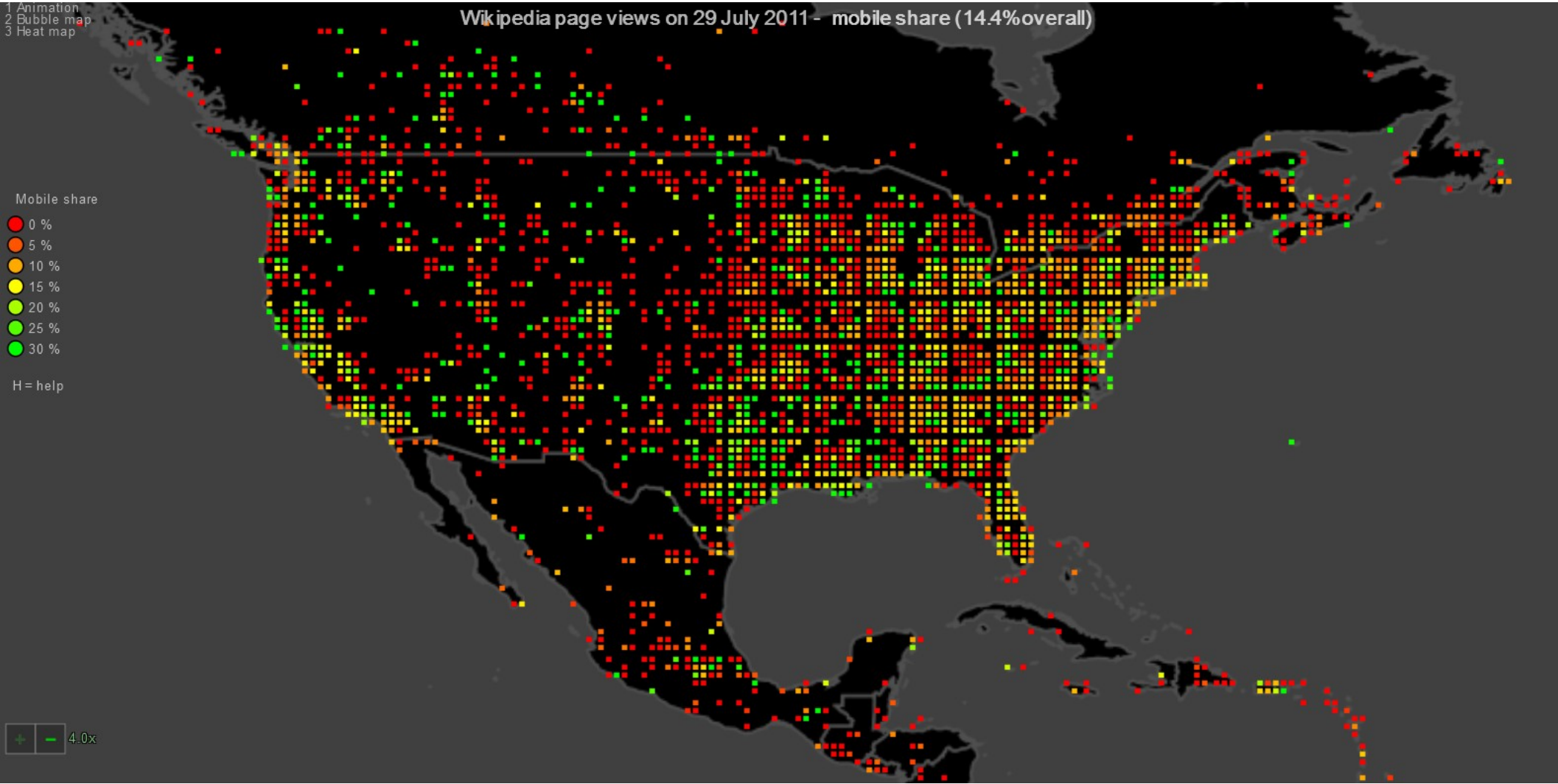
August 3, 2011

Erik Zachte - per/Excel - stats.wikimedia.org

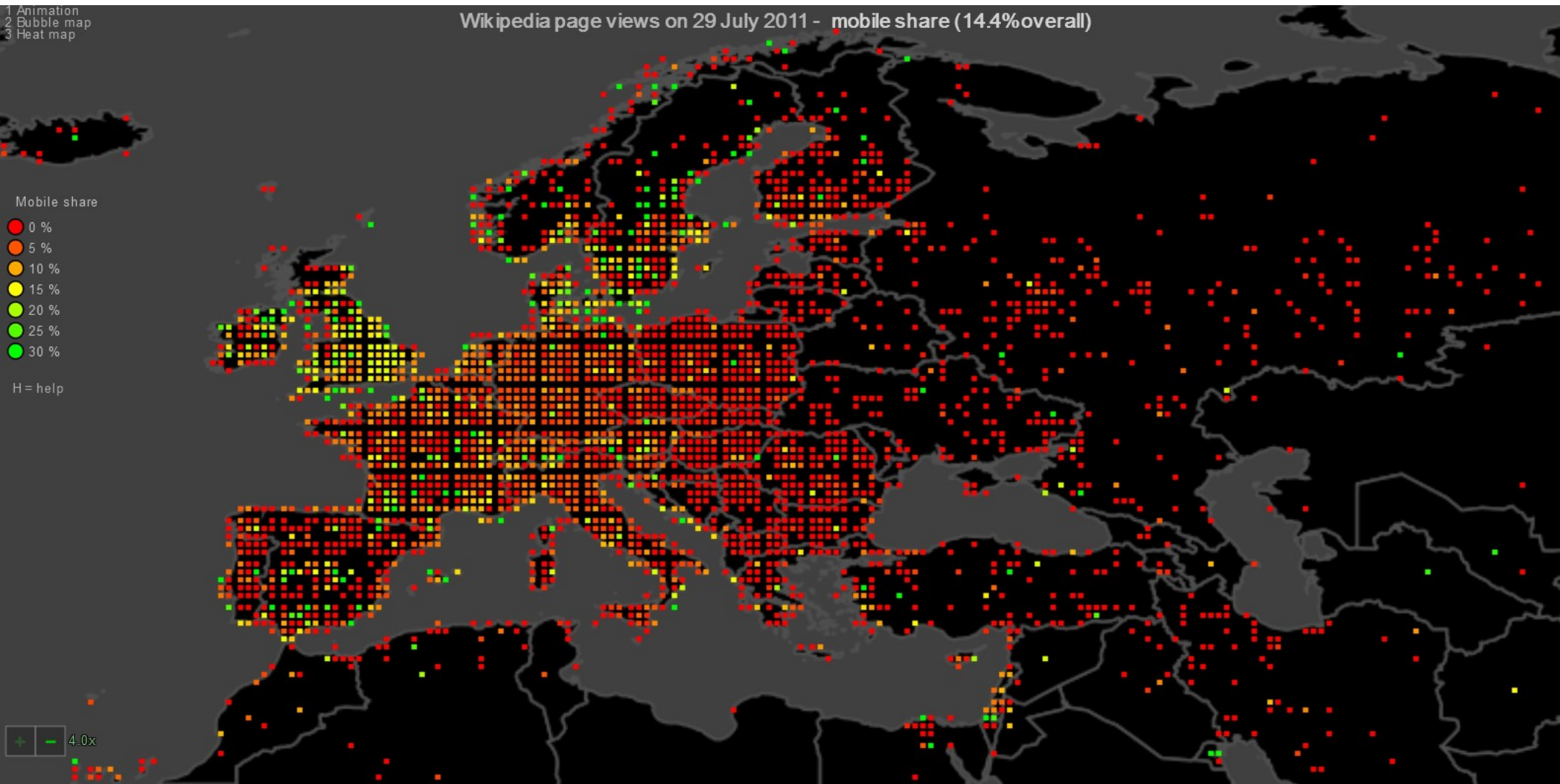




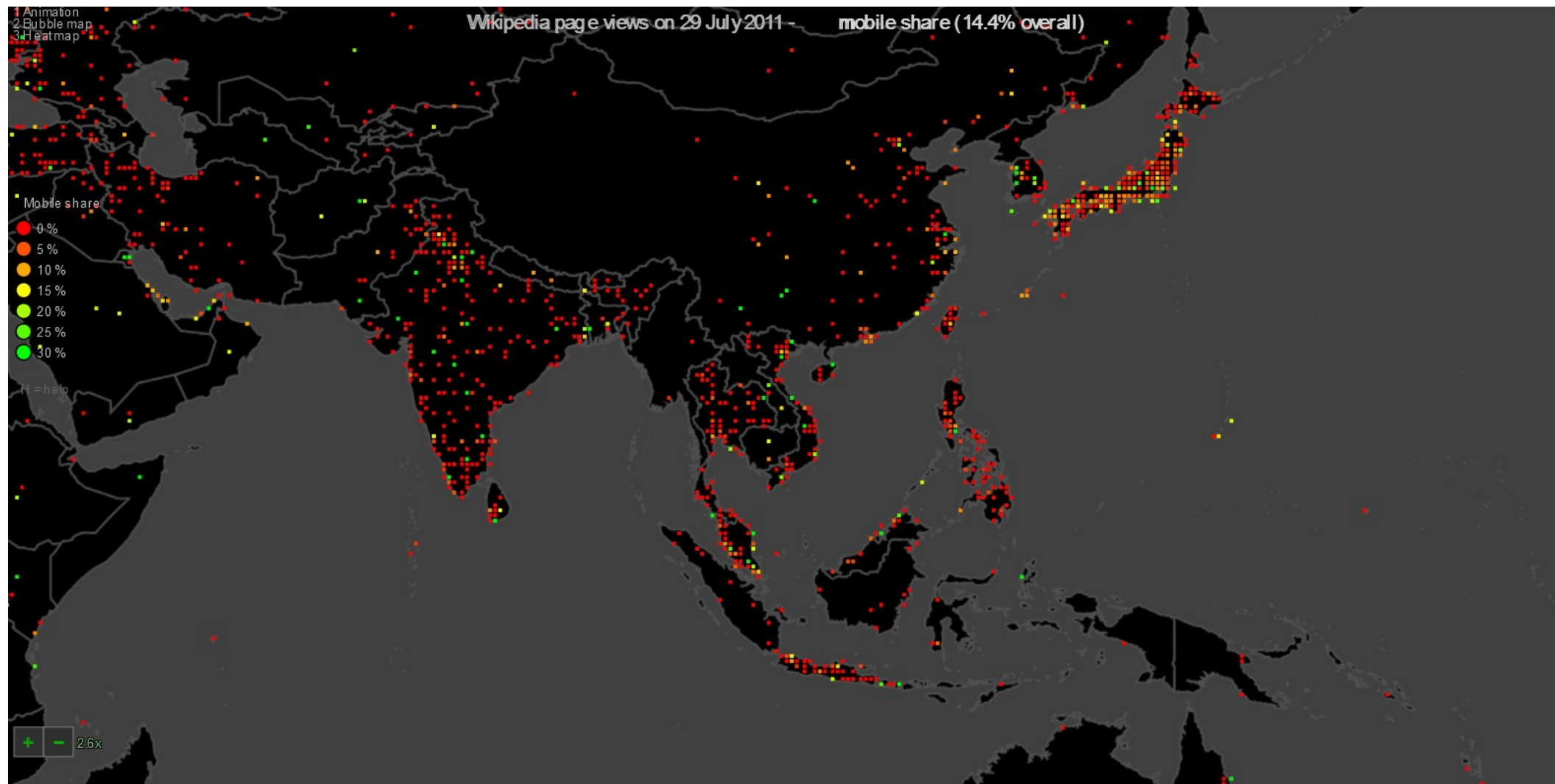
# Page views from **mobile** devices



# Page views from **mobile** devices



# Page views from **mobile** devices



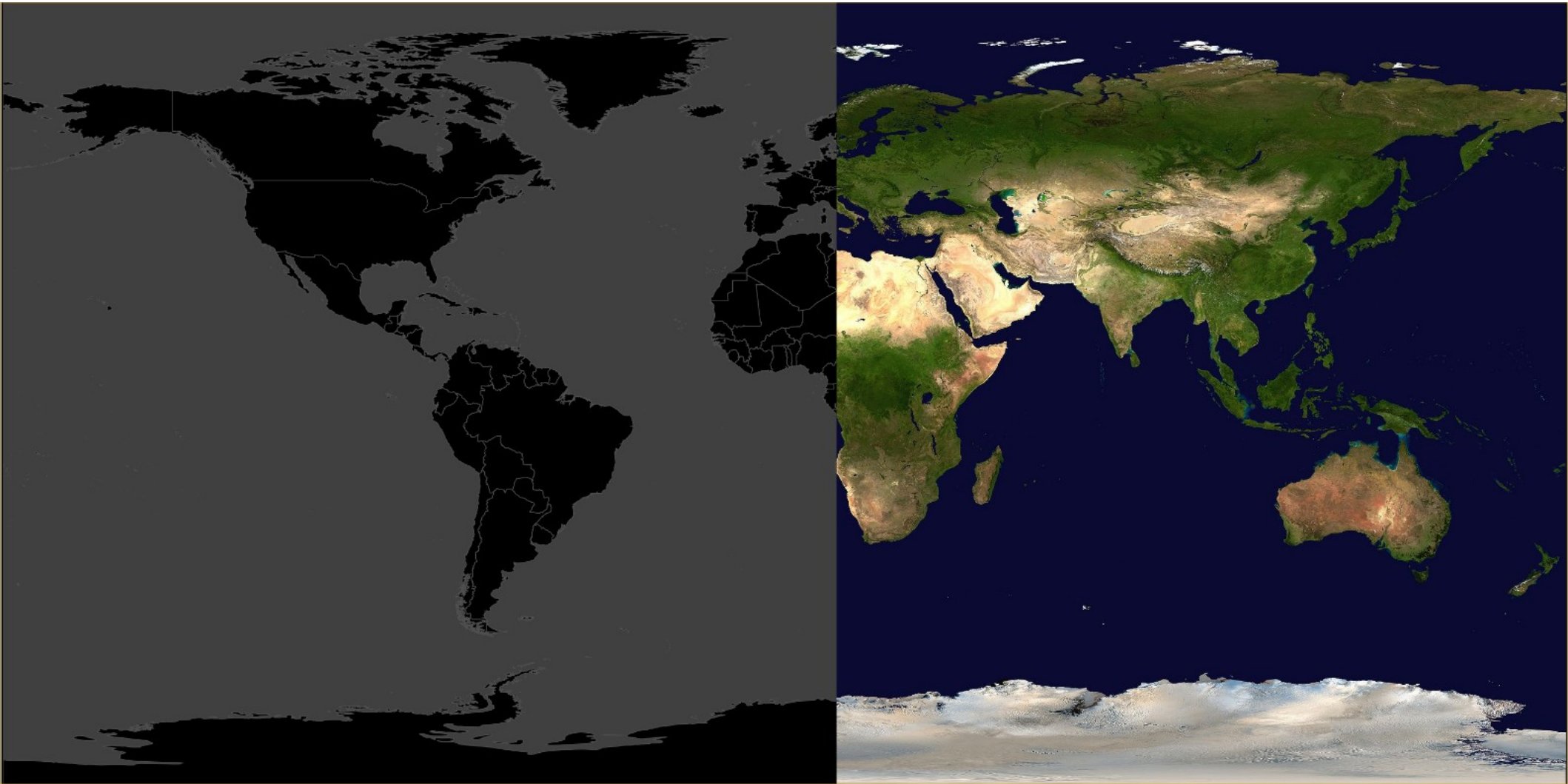


# What could be next ?

- Correlation with demographics
- Animated monthly trends per country

Use World Bank API ?

# Demo



Questions?