



Writing Diasporic Cities Mapping Workshop

EMPIRICAL REASONING CENTER

- Who are we?
- How can we help?
- Where can you find us?

OBJECTIVES

Discover how maps can be useful tools for research, activism, or analysis.

Learn about resources available to us through the ERC and through Barnard/Columbia.

Learn how to create simple datasets and upload them to CartoDB.

Learn how to begin to use tools in CartoDB to display our data.

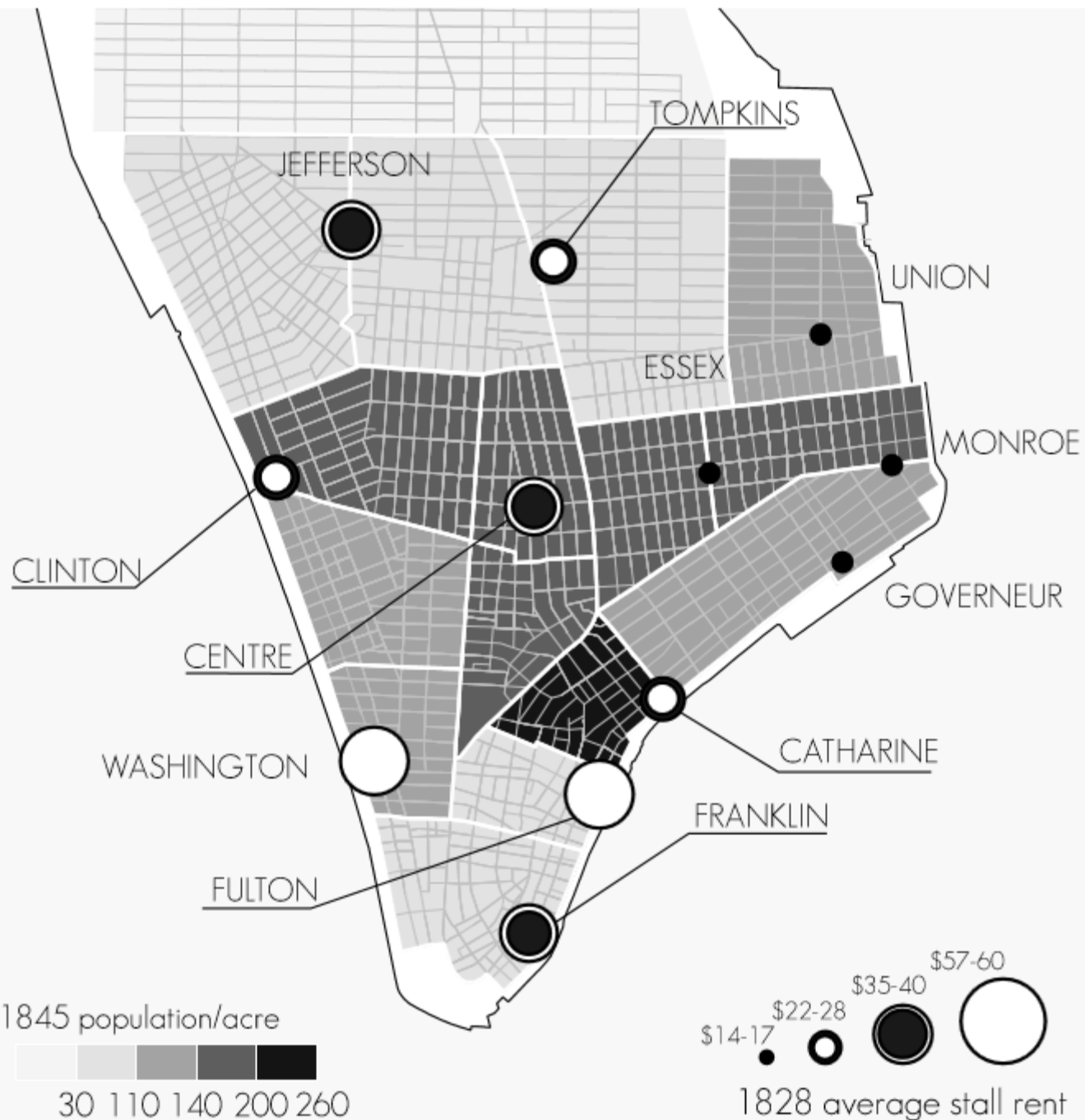
WHY DO MAPS MATTER



Knowledge is power.

<http://www.antievictionmap.com/>

What kinds of data/information are displayed on maps?



POPULATION DENSITY
(NUMBER OF PEOPLE PER ACRE)

POINT LOCATIONS OF MARKETS

AVERAGE RENT OF THE THE MARKET.

TAKEAWAYS -
DIPSPLAY DATA THROUGH
COLOR VARIATION AS
POLYGONS, POINTS, AND BY
ADJUSTING THE SIZE OF
DIFFERENT POINTS
PROPORTIONALLY.



Median Income Across the US



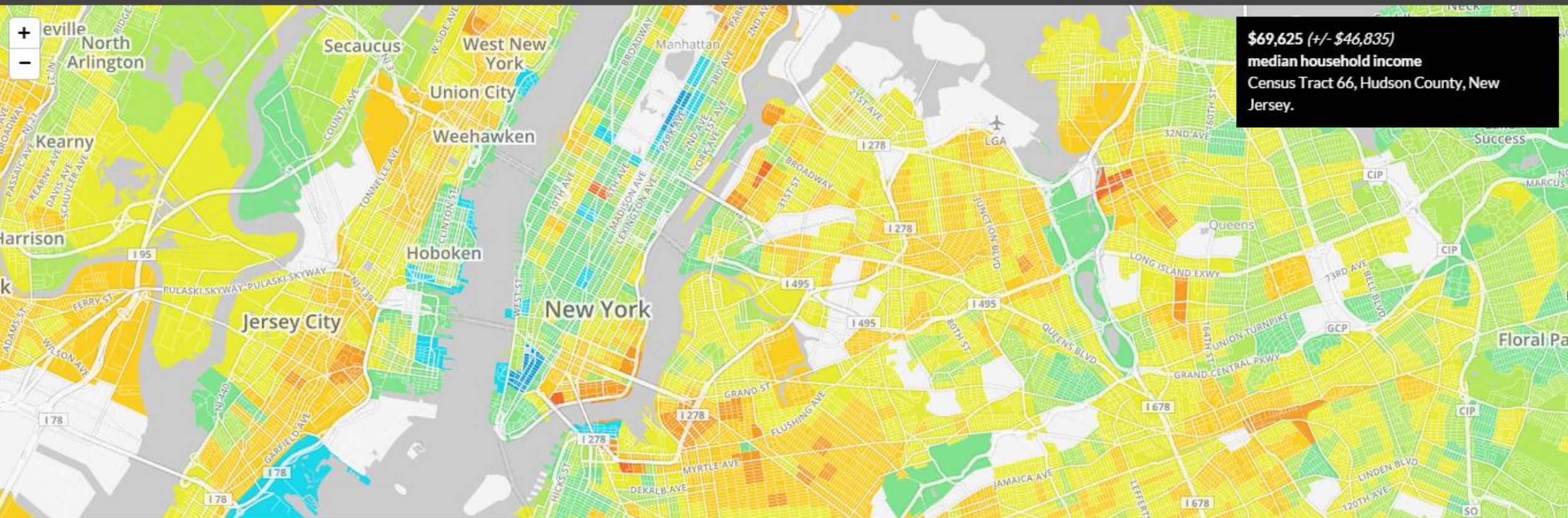
Explore the median household incomes in neighborhoods across the United States, based on the latest U.S. Census Bureau data.

Median Household Income

\$0 15k 25k 50k 75k 100k 150k 200k +

Zoom to City, State

GO



DATA

EMBED

FULLSCREEN

CREDITS



Search the web and Windows



12:57 PM
10/28/2015

HOW TO GET STARTED

- SOCIAL EXPLORER – gives you access to Census, American Community Survey, historical data, economic data...
- CARTODB – allows you to upload your own data, create interactive maps.

CARTODB - CREATING AND DISPLAYING YOUR DATA

https://rachaelcott.cartodb.com/viz/9228ead8-71f1-11e5-a677-0eb74067d321/public_map

Data_Americanha - Excel

	A	B	C	D	E	F	G	H	I	J
1	Location	Chapter 1	Reason	Time	Person	Latitude	Longitude	OrderI	OrderO	
2	Princeton		1 home	present	Ifemelu	40.4429	-74.6403		1	
3	Trenton		1 hair	present	Ifemelu	40.2163	-74.8092		2	
4	Lagos		2 traffic	present	Obinze	6.42462	3.43738			1
5	Princeton		3 hair	present	Ifemelu	40.4429	-74.6403		3	
6	Lagos		3 hair	memory	Ifemelu	6.42462	3.43738		4	
7	Nsukka		4 moving	memory	Obinze	6.83601	7.35826			2
8	Lagos		4 school	memory	Obinze	6.42462	3.43738			3
9	Lagos		4 school	memory	Ifemelu	6.42462	3.43738		5	
10	Nsukka		6 school	memory	Ifemelu	6.86763	7.40634		6	
11	Nsukka		6 school	memory	Obinze	6.86763	7.40634			4
12	Lagos		7 strike	memory	Ifemelu	6.42462	3.43738		7	
13	Nsukka		7 school	memory	Ifemelu	6.86763	7.40634		8	
14	Brooklyn		8 Dike	memory	Ifemelu	40.6454	-74.0152		9	
15	Manhattan		9 travel	memory	Ifemelu	40.7605	-73.9936		10	
16	Philadelphia		10 school	memory	Ifemelu	40.0049	-75.2585		11	

princeton new jersey



Princeton, NJ
Light Rain Showers · 61°F
1:03 PM

SAVE NEARBY SHARE



Princeton is a municipality with a borough form of government in Mercer County, New Jersey, United States, that was established in its current form on January 1, 2013, through the consolidation of the Borough of Princeton and Princeton Township. [Wikipedia](#)

Area code 609
Zip code: 203
Number of airports: 1

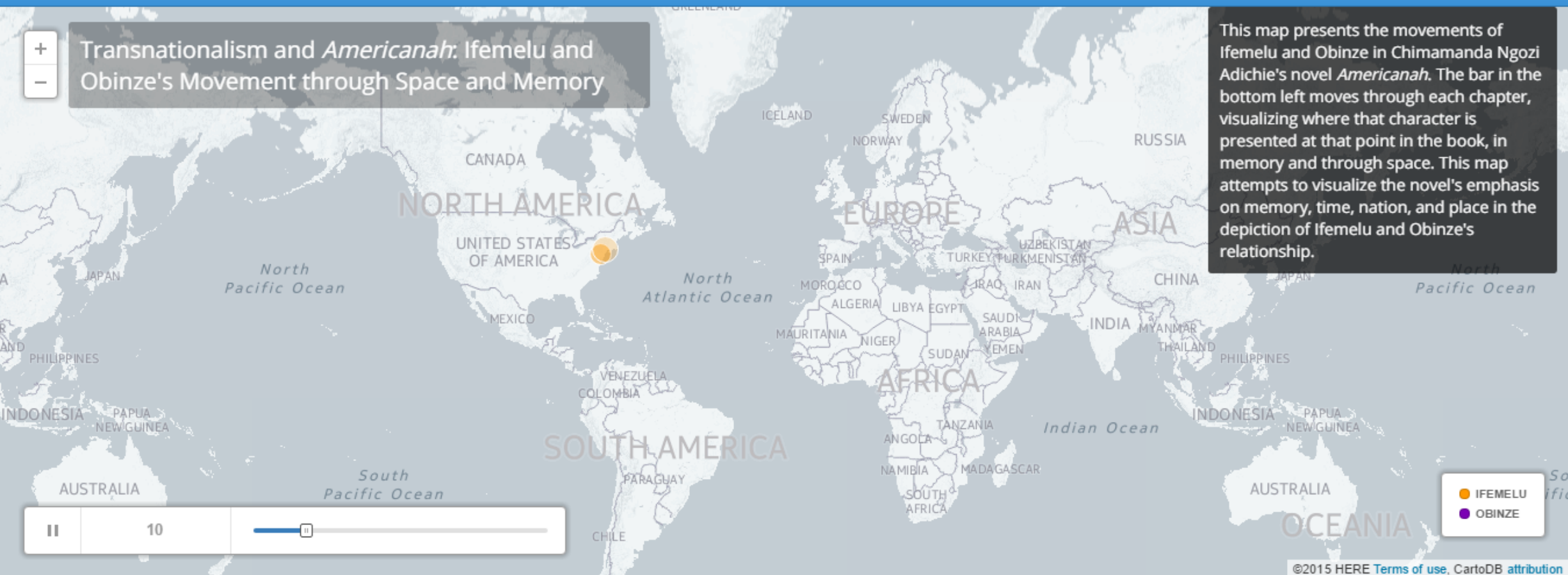


Latitude and Longitude from Google maps

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Transnationalism and *Americanah*: Ifemelu and Obinze's Movement through Space and Memory

This map presents the movements of Ifemelu and Obinze in Chimamanda Ngozi Adichie's novel *Americanah*. The bar in the bottom left moves through each chapter, visualizing where that character is presented at that point in the book, in memory and through space. This map attempts to visualize the novel's emphasis on memory, time, nation, and place in the depiction of Ifemelu and Obinze's relationship.



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RACHAELDOTT > MAPS

[EDIT IN CARTODB](#)

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rachaelcott / Maps ▾

GALLERY

DOCUMENTATION



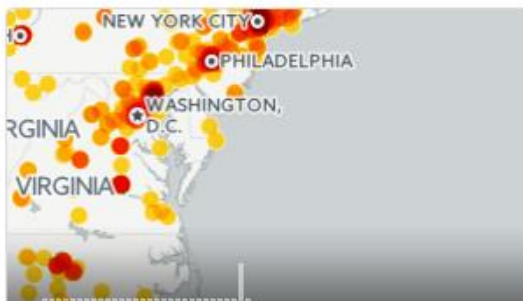
🔍 Search

2 Maps

Liked



NEW MAP



hollaback 1

[Add description...](#)

[Add tags...](#)

● public ⌚ 2 days ago



Assignment 2 - Ifemelu & Obinze

[Add description...](#)

[Add tags...](#)

● public ⌚ 15 days ago



Mapping your GPS data was never
so easy!

LEARN MORE



Search the web and Windows



1:08 PM
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←  **hollaback 1**

Edit metadata...


DATA VIEW

MAP VIEW

Edit ▾

PUBLISH


 Add
Element ▾

 Preview
Map ▾

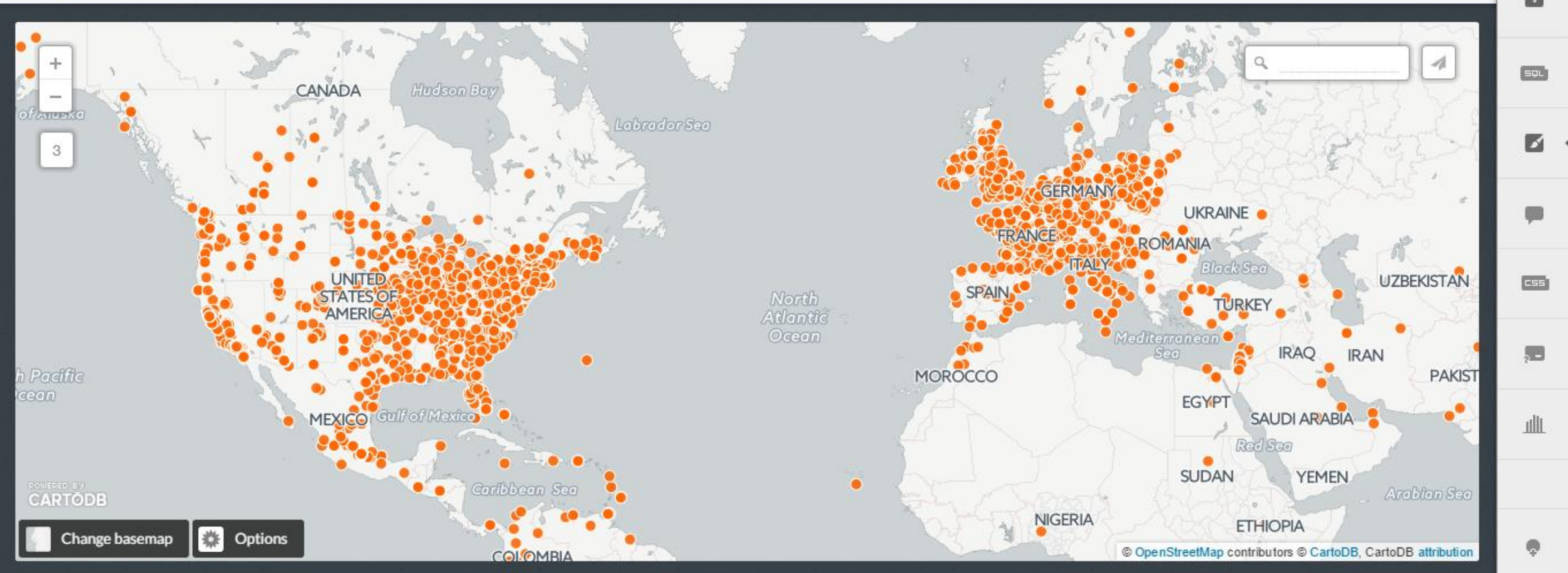
 Export
Image

+

1

cartodb_id ▾ number	the_geom  geometry	id ▾ number	last_updated ▾ string	latitude ▾ number	link ▾ string	longitude ▾ number	marker ▾ string	story ▾ string
1	-73.9864, 40.7304	1056	2011-02-23 14:56:26.712974-06	40.7303706	http://www.ihollaback.org/?p=2983	-73.9863812	pink_blank	This happened
2	-58.5286,-34.4708	1031	2011-02-22 08:32:04.172673-06	-34.470829	http://buenosaires.ihollaback.org/?p=301	-58.5286102	pink_blank	<blockquote
3	4.8454, 45.7616	903	2011-02-23 13:34:11.374541-06	45.7616099	http://france.ihollaback.org/?p=291	4.8453689	pink_blank	Je rentrais che
4	4.8346, 45.7586	805	2011-02-23 13:38:35.498331-06	45.7586169	http://france.ihollaback.org/?p=226	4.8346249	pink_blank	J'entre à la FN
5	-58.4195,-34.5755	927	2011-02-11 20:45:54.813879-06	-34.5754982	http://buenosaires.ihollaback.org/?p=182	-58.4194767	pink_blank	Iba caminando
6	5.2255, 46.2048	862	2011-02-07 10:46:42.789962-06	46.2048263	http://france.ihollaback.org/?p=279	5.2255015	pink_blank	Je rentrais mar
7	-80.1178, 42.1183	72	2010-10-10 13:37:41-05	42.1183333333333	http://www.ihollaback.org/?p=1015	-80.1177777777778	pink_blank	I was out joggi
8	-73.9172, 40.8689	81	2010-10-15 17:37:29-05	40.8688888888889	http://www.ihollaback.org/?p=1106	-73.9172222222222	pink_blank	I have lived in t
9	-73.8661, 40.8500	190	2010-11-08 05:09:11-06	40.85	http://www.ihollaback.org/?p=1385	-73.8661111111111	pink_blank	In NYC it seem
10	-73.9911, 40.7503	191	2010-11-08 09:27:16-06	40.7502777777778	http://www.ihollaback.org/?p=1383	-73.9911111111111	pink_blank	It has happene
11	-121.5028, 38.6128	217	2010-11-11 00:26:37-06	38.6127777777778	http://www.ihollaback.org/?p=1418	-121.502777777778	pink_blank	I was just tryin





LET'S GET STARTED.

- OPEN CARTODB AND CREATE AN ACCOUNT.

<https://cartodb.com/>

- GO TO THE ERL WEBSITE AND OPEN THE DATASET FOR THIS WORKSHOP.

<https://erl.barnard.edu/writing-diasporic-cities-afrsx3065-mapping-workshop>

DOWNLOAD THE DATA FROM GOOGLE FUSION AS A CSV, AND UPLOAD TO CARTODB DATASETS.