

Your Body, (Not) Your Choice

Katie Kowalsky • 03.20.2017

about me (2017)

Currently:

mapsplainin' @  **Mapzen**

livin' @ San Francisco

tweetin' @KatieKowalsky



My mom said I could be
anything I wanted, so I
became a drawing.
And a cartographer.

about me (then, in 2014)

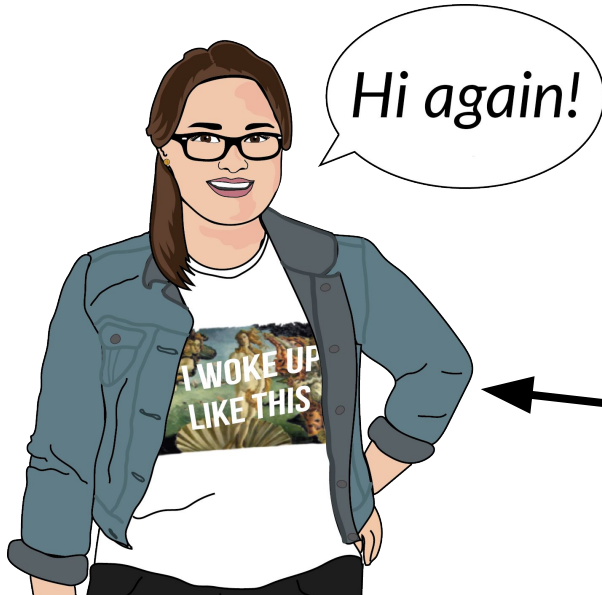
Back then:

studyin'/workin' @



livin' @ Madison, WI

(also) tweetin' @KatieKowalsky



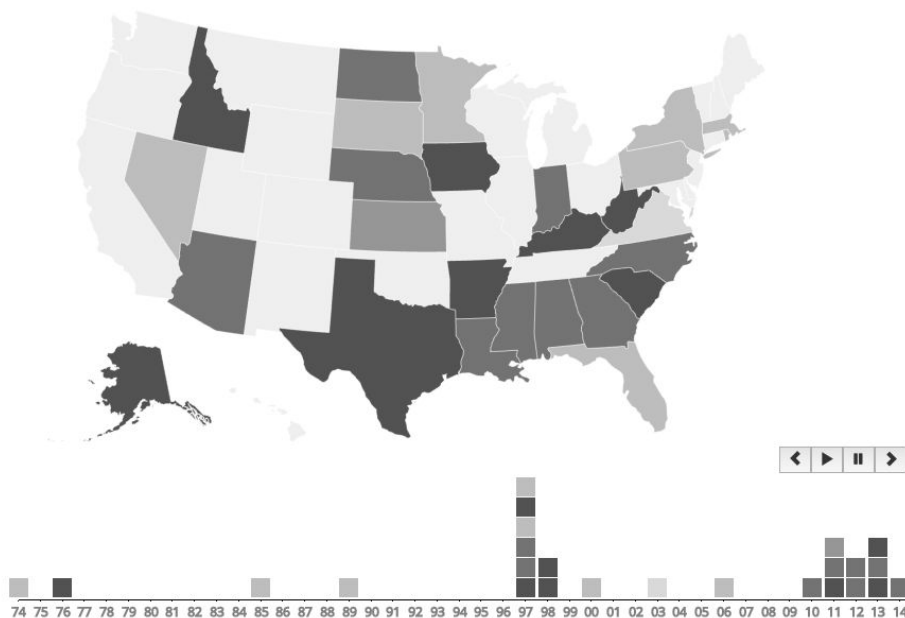
Note the jean jacket and funky graphic tee = signs of struggling college student.

Since the landmark Supreme Court decision *Roe v. Wade* in 1973, which legalized abortion throughout in the U.S., states across the country have slowly chipped away at this federally protected right. We are here to tell this story.



States which prohibit abortion at an earlier date than the federal law. [What sort of prohibitions?](#)

2014

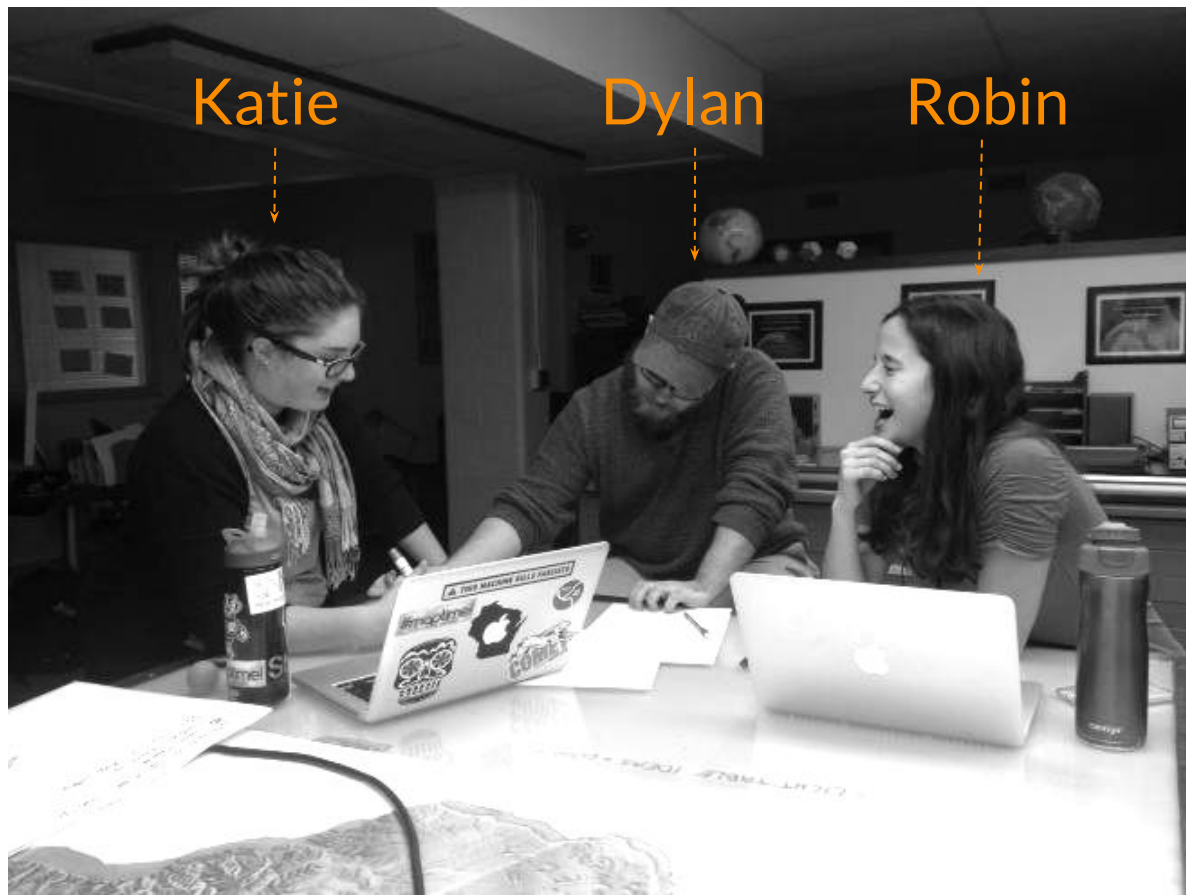


yourbodynotyourchoice.github.io

Katie

Dylan

Robin



Let's make a comprehensive
history of abortion rights in the
US! What could go wrong?

Data is hard (and so can you!).

- 40 years of data for every state
 - Looking at the 5 main types of legal restrictions
 - Need location of where Crisis Pregnancy Centers (CPCs) & Abortion Providers are
 - Try to understand the legal jargon and loopholes surrounding Roe v. Wade
-

Data Sources



ABOUT ▾ | Our Work by GEOGRAPHY ▾ TYPE ▾



DONATE NOW

Good reproductive health policy starts with credible research

United States

International

ABORTION

CONTRACEPTION

HIV & STIS

PREGNANCY

TEENS

NOW States must act to shore up the federal contraceptive coverage guarantee →



NARAL
PRO-CHOICE AMERICA

Medicaid
Sexual
Health

HIGHLIGHTS

- Conservative policymakers are seeking to undermine or even dismantle Medicaid, the source of health coverage for 74 million U.S. residents, including 13 million U.S. women of reproductive age.



ACLU

AMERICAN CIVIL LIBERTIES UNION

“Yes, I’m sure I could’ve coded my way out of it if I knew how to scrape data, but I didn’t know how.”

- Robin Tolochko

Displaying data is even harder.

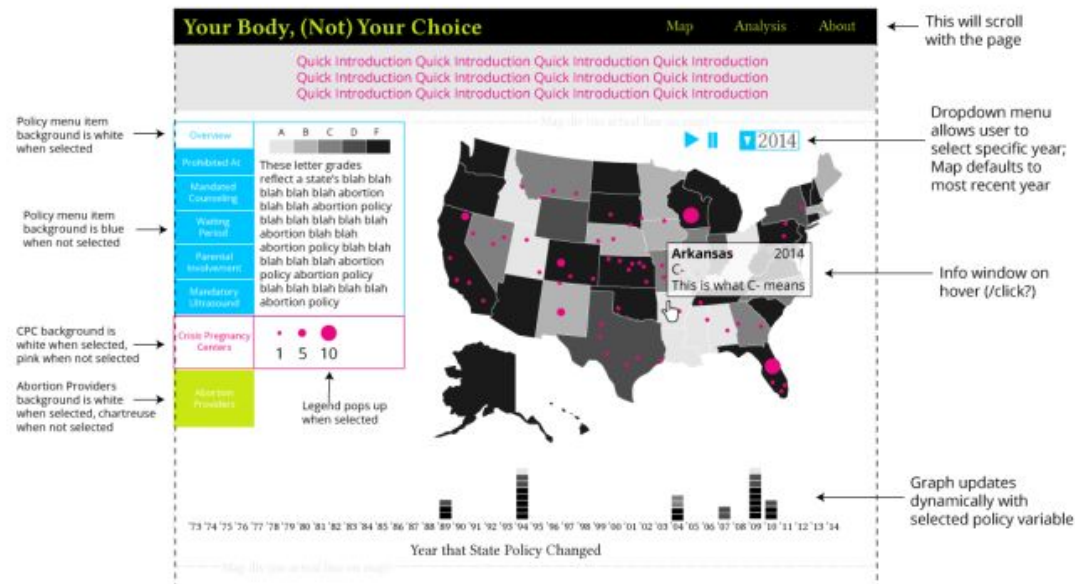
Problems:

- How to show all this data without taking away from our original concept?
 - Link users between the graphic and the extended analysis.
 - Color choices are subjective, with lots of implications for maps.
-

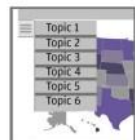
Problem #1

How do we show all this data?

iterate your design



Remains at top of browser window as user scrolls down



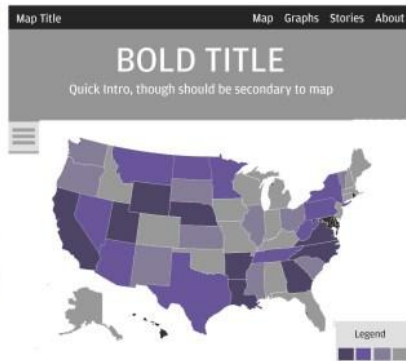
Opens up to offer options for which topic the user wants to analyze.

Da Map

Depending on what's most important to elaborate on, this section will either further explain the topic at hand or reexpress the data in graphic form.

[Stories & Further analysis](#)

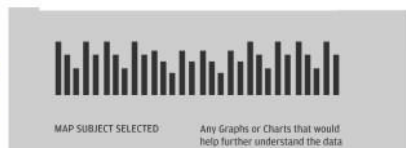
Methodology might go here as well, if too long could also be an external page.



All parts (beside footer) will update depending on which policy or subject the map user selects.



Interacting with map will pull up a pop up providing more details about policy / data given the selected state.



Stories & Deeper Analysis

For those who want to dive in even further into the subject, they've selected to view on the map, we will have here both personal stories & (as in the case of Emergency Pregnancy Clinics) further explanation of what is exactly twice mapped.

Honorably Discharged Army Ranger Cameron Poe is sentenced to a maximum-security federal penitentiary to serve a 7 to 10-year term for using his military knowledge to kidnap a drunk man who had been attempting to assault his pregnant wife Tricia (Monica Potter). Eight years later, Poe is paroled on good conduct, and is eager to see his daughter Casey (Ladry Albright) whom he has never met.

Most wanted civil-liberties terrorist Carter Tracy is relentlessly pursued by FBI Special Agent in Charge Sean Archer (John Travolta). Her mother, Cassie, in an attempt to kill Sean, accidentally kills the agent's young son, while the real Tracy has been obsessed with each other since childhood. The real Tracy infers the death of his brother, Police Assistant Michael, has shattered a place at LAX airport. Sean knows that Police will not let off without Carter, so he leads a joint FBI/LAPD team to chase the plane down, which crashes into a hangar to the ensuing chain. Brian is captured by the FBI and Carter is knocked into a coma after pulling to Sean about a bomb set to obliterate a good portion of L.A., neglecting to mention where it is located. Sean's work colleagues congratulate him on catching Carter, but the agent coldly rebuffs the praise and says the deaths of FBI agents is justice in retributive effort.






META DATA CENTRAL

This map was lovingly made in D3 by Katie Kowalsky, Dylan Moriarty, Jeff Bridges, and Katie Kowalsky.

All sources used for the entire map will be displayed here, and "where to look next" as well as any cartographic details (map projection, libraries used).

And acknowledgement of bias, acceptance and explanation for it as well.

Since the landmark Supreme Court decision *Roe v. Wade* in 1973, which legalized abortion throughout in the U.S., states across the country have slowly chipped away at this federally protected right. We are here to tell this story.

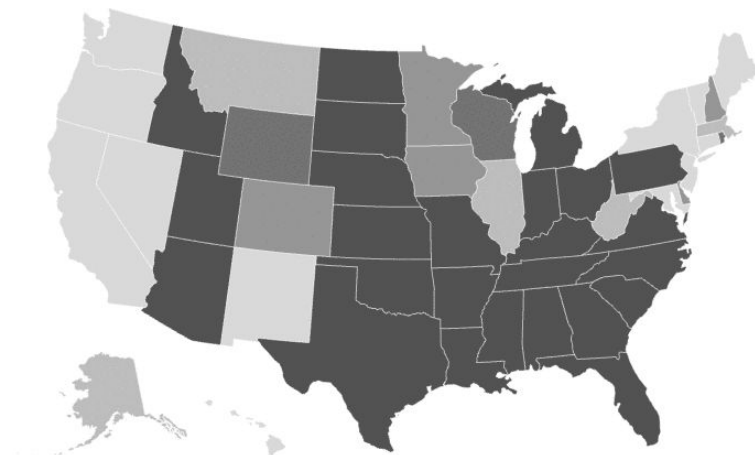
Report Card	Grading Scale:
Prohibited At	 F
Mandated Counseling	 D
Waiting Period	 C
Parental Consent	 B
Mandatory Ultrasound	 A

Show:
Crisis Pregnancy
Centers

Show:
Abortion Providers

The report card grade, created by NARAL, given to each state based on their policies regarding a woman's choice and access to abortions. [We provide an overview of these policies here.](#)

2014



Due to complex laws, political jargon, and emotional fervor, abortion policy is a contentious topic. There is a wealth of information and misinformation. The combination of vague terminology and lack of uniformity among state laws makes it difficult to interpret the true national status of abortion rights.

Problem #2

How do explain the map?

create additional graphics; when necessary.

Ultrasound over the years

Pre 1974

Ultrasounds are developed initially to detect faults in ships, but are quickly adapted for medical use.

1992

Planned Parenthood v. Casey decision

1998

Wisconsin becomes the first state to write legislation requiring doctors inform patients of ultrasounds.

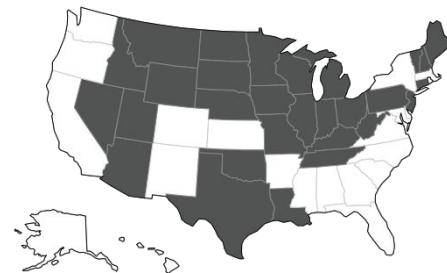
2014

At present, 24 states have legislation requiring ultrasounds in some form.

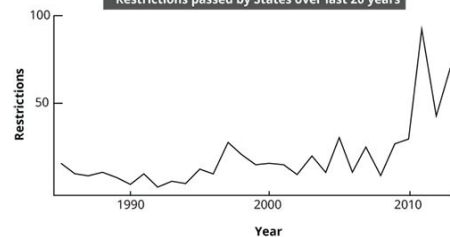
74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14

Laws about Crisis Pregnancy Centers	Have laws that support CPCs	Refer women to CPCs	Fund CPCs Directly	Have "Choose Life" license-plate programs
Arizona				
Arkansas				
Florida				
Georgia				
Louisiana				
Kansas				
Michigan				
Minnesota				
Mississippi				
Missouri				
Nebraska				
North Carolina				
North Dakota				
Ohio				
Oklahoma				
Pennsylvania				
South Carolina				
South Dakota				
Tennessee				
Texas				
Virginia				
West Virginia				
Wisconsin				

States with absolute bans prior to Roe

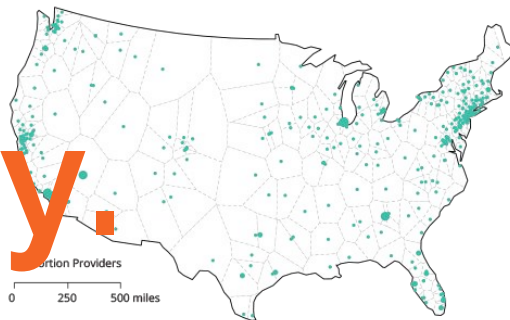


Restrictions passed by States over last 20 years



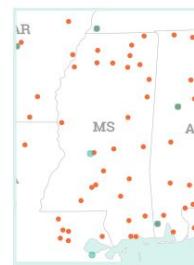
source: Guttmacher

Distance to nearest Abortion Provider

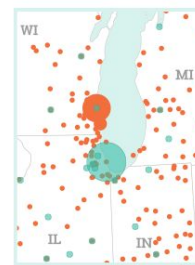


Crisis Pregnancy Centers & Abortion Providers

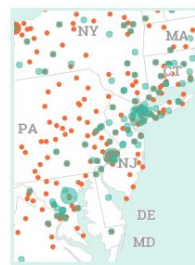
● Abortion Providers
● Crisis Pregnancy Centers



Mississippi, among other states, highlights the disparity between abortion providers and CPCs.



Abortion providers are found primarily in large cities. Due to heavy legislation and lack of funds, CPCs dominate the surrounding rural areas.



Even in areas where there are multiple abortion providers, they are often surrounded by CPCs.

Problem #3

Why is color so hard?

Number of data classes: 3

[how to use](#) [updates](#) [downloads](#) [credits](#)

COLORBREWER 2.0

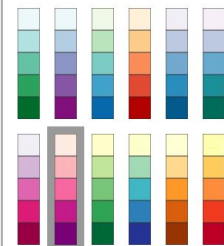
color advice for cartography

Nature of your data:

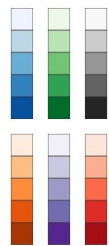
☒ sequential ☐ diverging ☐ qualitative

Pick a color scheme:

Multi-hue:



Single hue:



Only show:

- ☐ colorblind safe
- ☐ print friendly
- ☐ photocopy safe

Context:

- ☐ roads
- ☐ cities
- ☒ borders

Background:

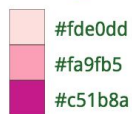
- ☒ solid color
- ☐ terrain

color transparency

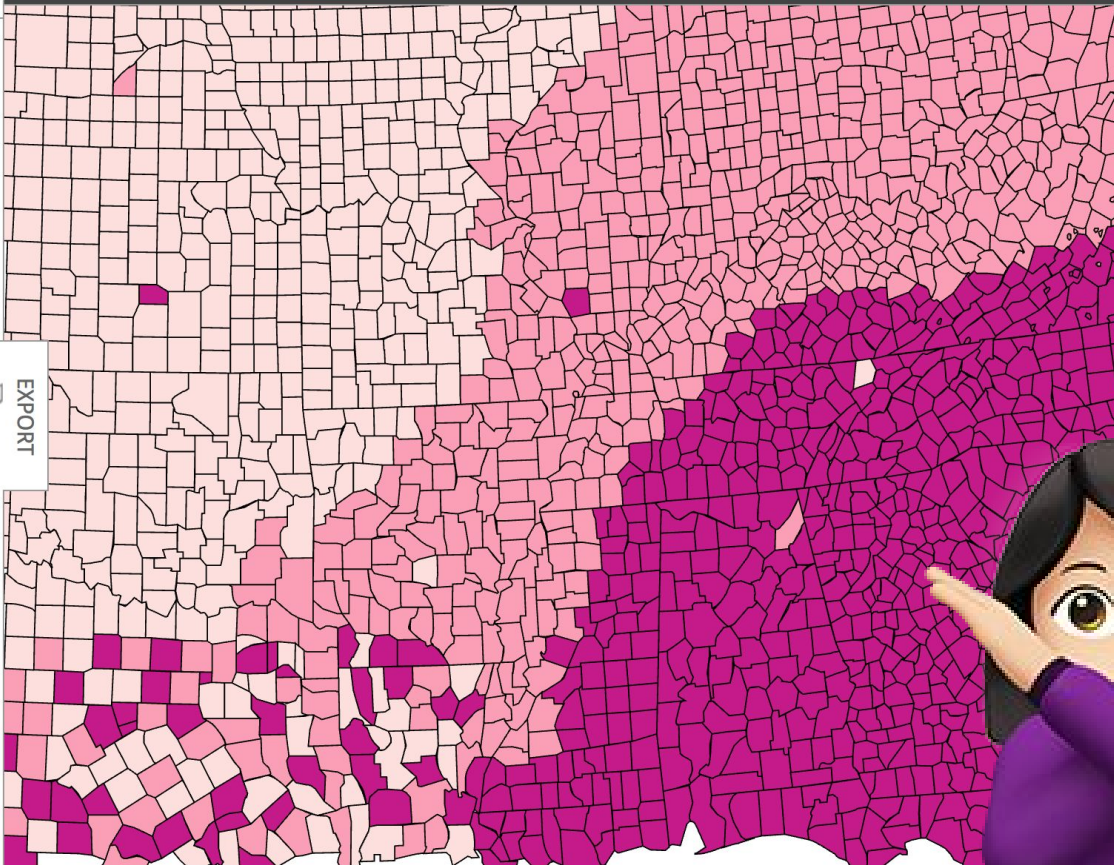
3-class RdPu
















HEX



EXPORT



Did we succeed?

	THIS ONE! Katie Kowalsky committed on Dec 14, 2014	 2dc7319 
	PLEASE SYNC TO THIS ONE Katie Kowalsky committed on Dec 14, 2014	 8b810a8 
	Revert af92ebb..f4b0623 	 cc0ff79 
	this? Katie Kowalsky committed on Dec 14, 2014	 f4b0623 



i hope this works

Katie Kowalsky committed on Dec 4, 2014



blegh that css stuff really f'ed me up

Katie Kowalsky committed on Dec 14, 2014



wtf

Katie Kowalsky committed on Dec 12, 2014



some shit idk

Katie Kowalsky committed on Dec 14, 2014



???

Katie Kowalsky committed on Dec 4, 2014

SORRY EVERYONE



with apologies to webcomicname.com

Thanks Mike Migurski and Alex Norris!

Fin.

1. Data is a cruel, tricky mistress.
2. Take time to consider color.
3. Learning to software skills takes time you don't have.
4. Maintaining side projects is hard. Like *really, really* hard.

Katie Kowalsky

@katiekowalsky

yourbodynotyourchoice.github.io
