

custom dataviz with javascript

bit.ly/nicar-25-viz



Jovi Dai, San Jose Mercury News & East Bay Times

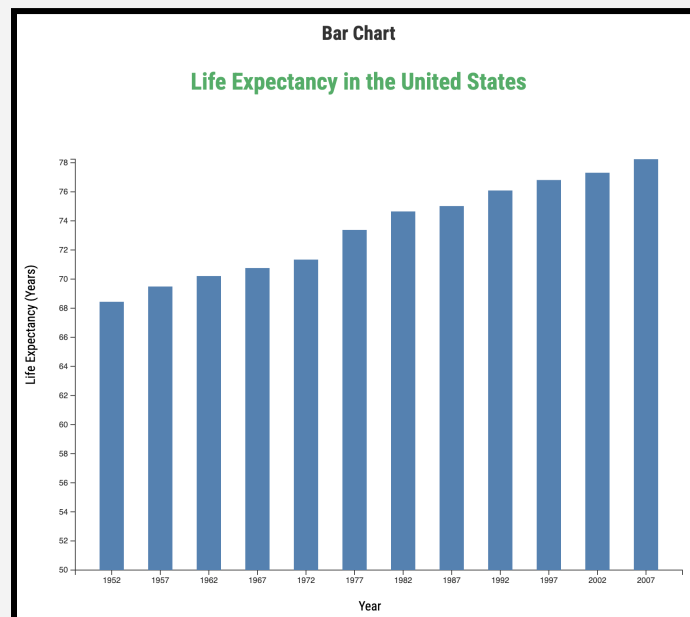
Yoli Martinez, The Washington Post

Matt Kiefer, Medill School - Northwestern University

10:15 - 11:15 a.m.

Jovi

How to visualize life expectancy



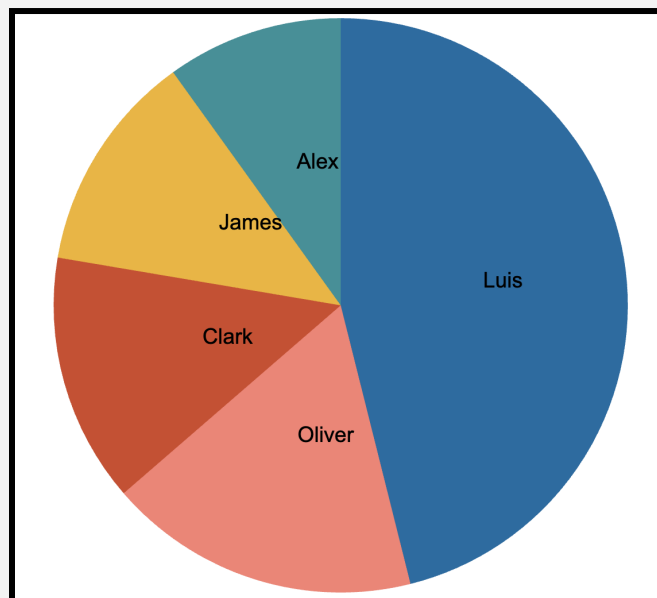
[Demo](#)

```

213     const xAxis = svg.append("g")
214       .attr("class", "axis")
215       .attr("transform",
`translate(0,${height-margin.bottom})`)
216       .call(d3.axisBottom().scale(xScale));
217
218     const yAxis = svg.append("g")
219       .attr("class", "axis")
220       .attr("transform",
`translate(${margin.left},0)`)
221       .call(d3.axisLeft().scale(yScale));
222

```

Code



Pie chart

**CSS tipsheet:*

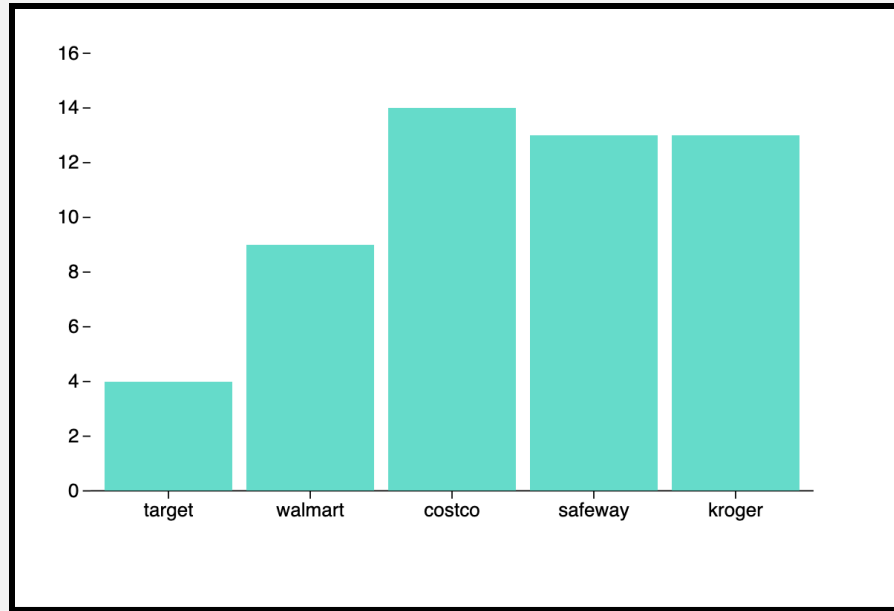
<i>Category</i>	<i>Property</i>	<i>Description</i>	<i>Example</i>
CSS Selectors	*	Selects all elements	* { margin: 0; }
CSS Selectors	element	Selects elements by tag	p { color: red; }
CSS Selectors	.class	Selects elements by class	.box { background: blue; }
CSS Selectors	#id	Selects elements by ID	#header { font-size: 24px; }
CSS Selectors	[attribute]	Selects elements with attribute	[type="text"] { border: 1px solid black; }
CSS How To	Inline CSS	Styles within an element	Hello
CSS How To	Internal CSS	Styles inside <style> in <head>	<style> p { color: red; } </style>
CSS How To	External CSS	Styles in a separate file	<link rel="stylesheet" href="styles.css">
CSS Comments	/* comment */	Adds a CSS comment	/* This is a comment */

11:30 a.m. - 12:30 p.m.

Yolanda

SVG Shapes: [MDN Docs](#)

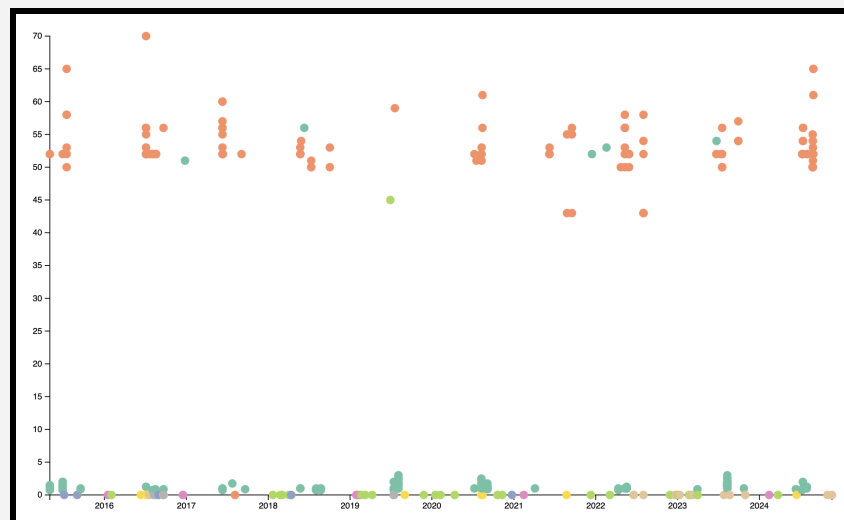
[D3 Documentation](#)



[Code](#) (THIS IS ALL FAKE DATA)

Matt

NWS Storm Events for Hennepin County, MN, 2015-2024



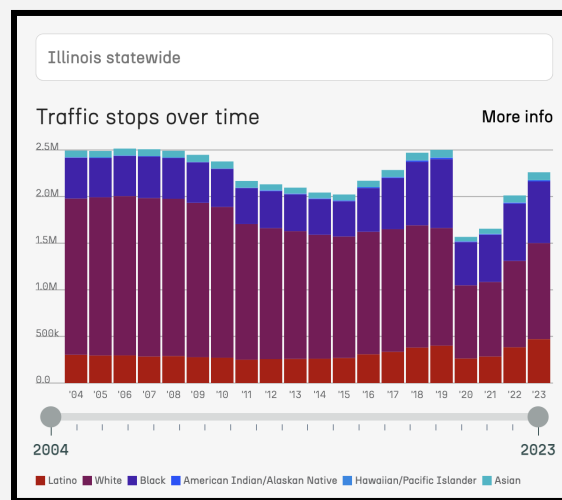
[Source](#)

[Data](#)

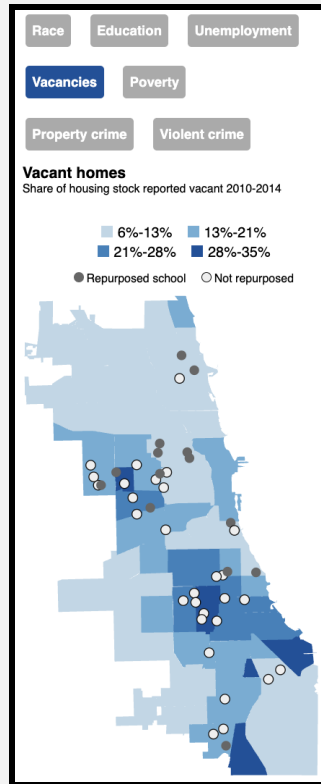
[Time-series scatterplot](#)

[Code](#)

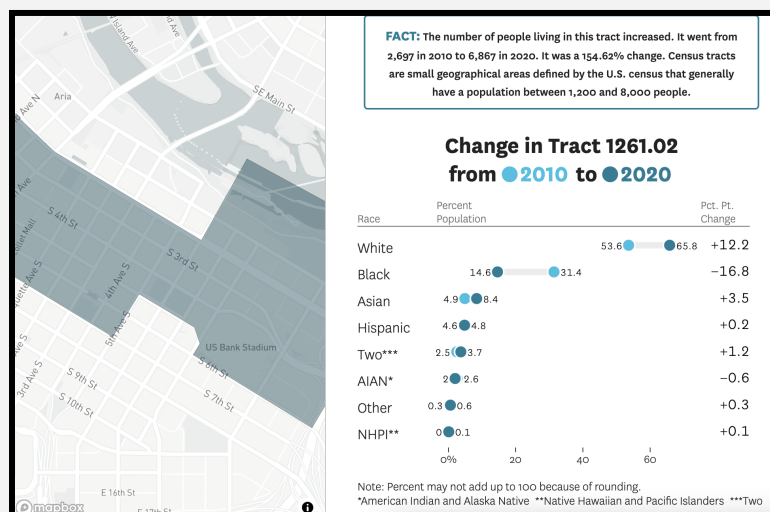
Examples



[Look up your local Illinois police traffic stop data](#)



Closed schools still burden distressed Chicago neighborhoods



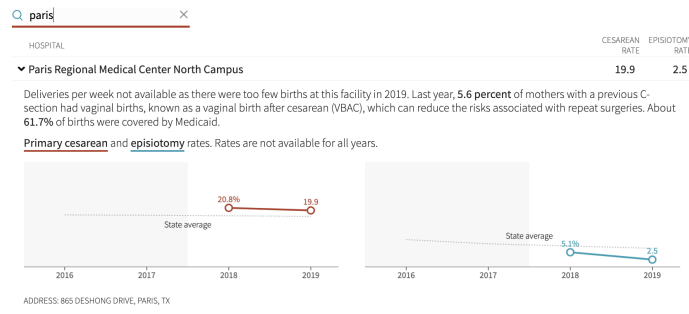
2020 Decennial Census

Database: C-section and episiotomy rates in Texas hospitals

Cesareans and episiotomies can be life-saving, but medical experts have long said the procedures should be done only when necessary. Click on one or more hospitals to learn more about their rates.

By Yoli Martinez, Christian McDonald and Marina Starleaf Riker | Dec. 3, 2020 6:00 a.m.

[Part 1: Birth on demand](#) | [Part 2: More than 'a little snip'](#) | [Leer en Español](#)



[Episiotomy and C-section rates in Texas](#)