

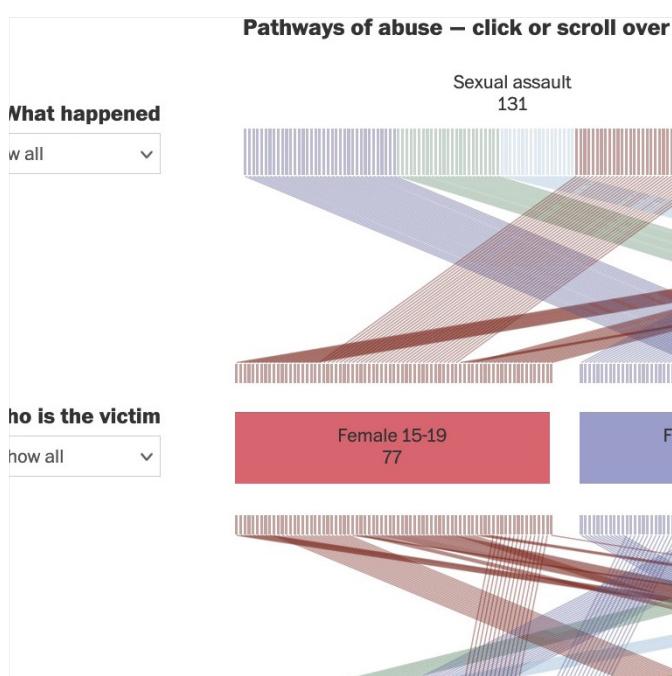
GRAPHIC DESIGN

POR

TF0

LIO

JOHN CURRAN

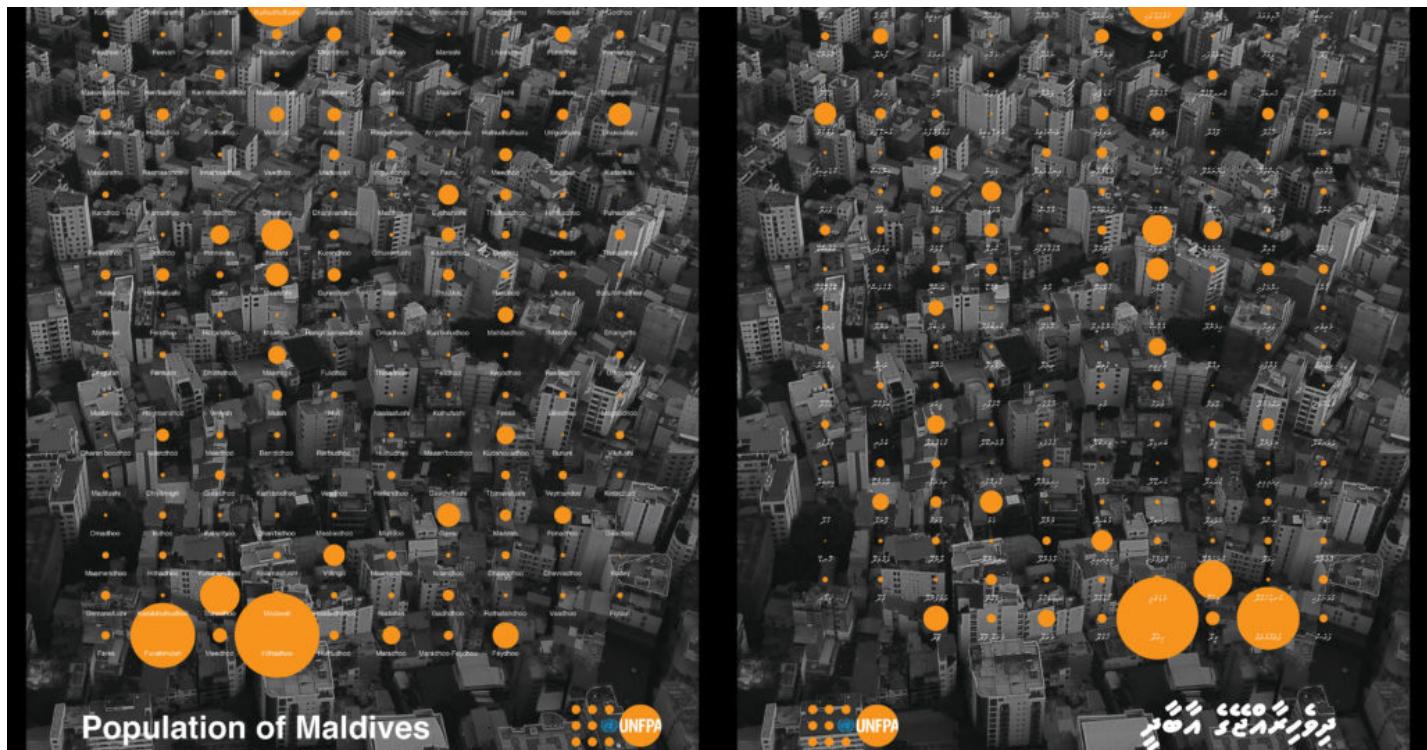




Print Products

- 
- + DOT PLOT
 - + ILLUSTRATED FOLDER
 - + 'KNOW YOUR ISLAND' CARDS
 - + MALDIVES POPULATION 1911-2014
 - + NOTEBOOK
 - + POPULATION ATLAS

01



Dot Plot

- MADE FOR: UNFPA

- YEAR: 2016

- CONCEPT: Data poster

TIDY DATA, MESSY CITY

This project combined a Processing script I developed with InDesign's DataMerge feature to visualize the relative populations of each inhabited island of Maldives, according to census data.



Illustrated Folder

- MADE FOR: UNFPA

- YEAR: 2016

- CONCEPT: Folder

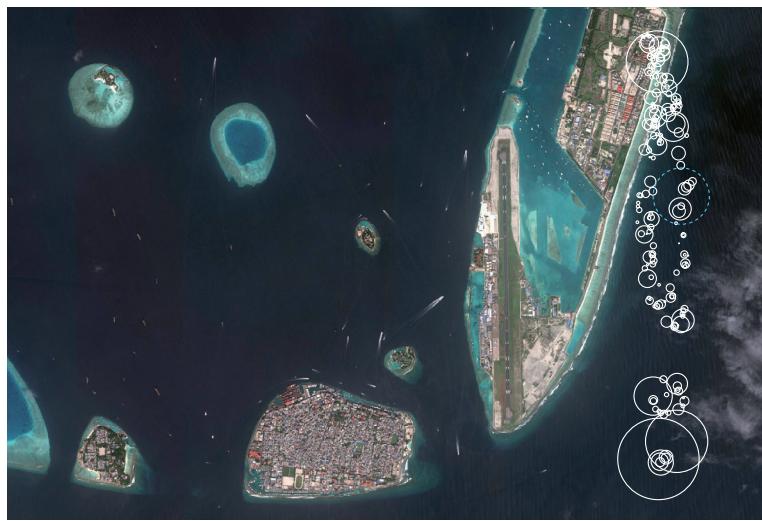
THE WHOLE PACKAGE

Using digital illustrations produced by a contractor, I designed the die of a folder used to hold various census knowledge products and branded swag that UNFPA distributed at events and meetings.



Know Your Island

- **MADE FOR:** UNFPA
- **YEAR:** 2015
- **CONCEPT:** Card deck

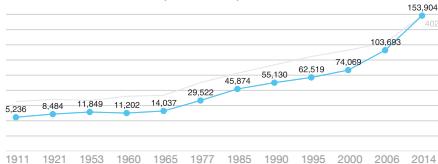


MALÉ • 153,904

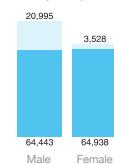
2014 Population: 153,904 (38.3% of Maldives)

The capital, Malé, has 65,829 people under age 24. That's 43% of the city's population. Investments in youth ensure a healthy, productive future.

POPULATION CHANGE (1911-2014)



SEX (2014)



125

Sex Ratio

KEY



NOTES

www.maldivespopulation.com | Mise 1/1 96
Note: Graph represents population change in absolute figures — and on two distinct scales — over time.
Foreign residents were not enumerated prior to 2014.
Source: 2014 Census, National Bureau of Statistics, Ministry of Finance and Treasury. Imagery: Google, DigitalGlobe.



DATA FOR DEVELOPMENT

I conceived of this deck as a novel way of delivering timely, visually appealing data on local population dynamics into hands of decision makers and communities, empowering them to plan for equitable and sustainable development.

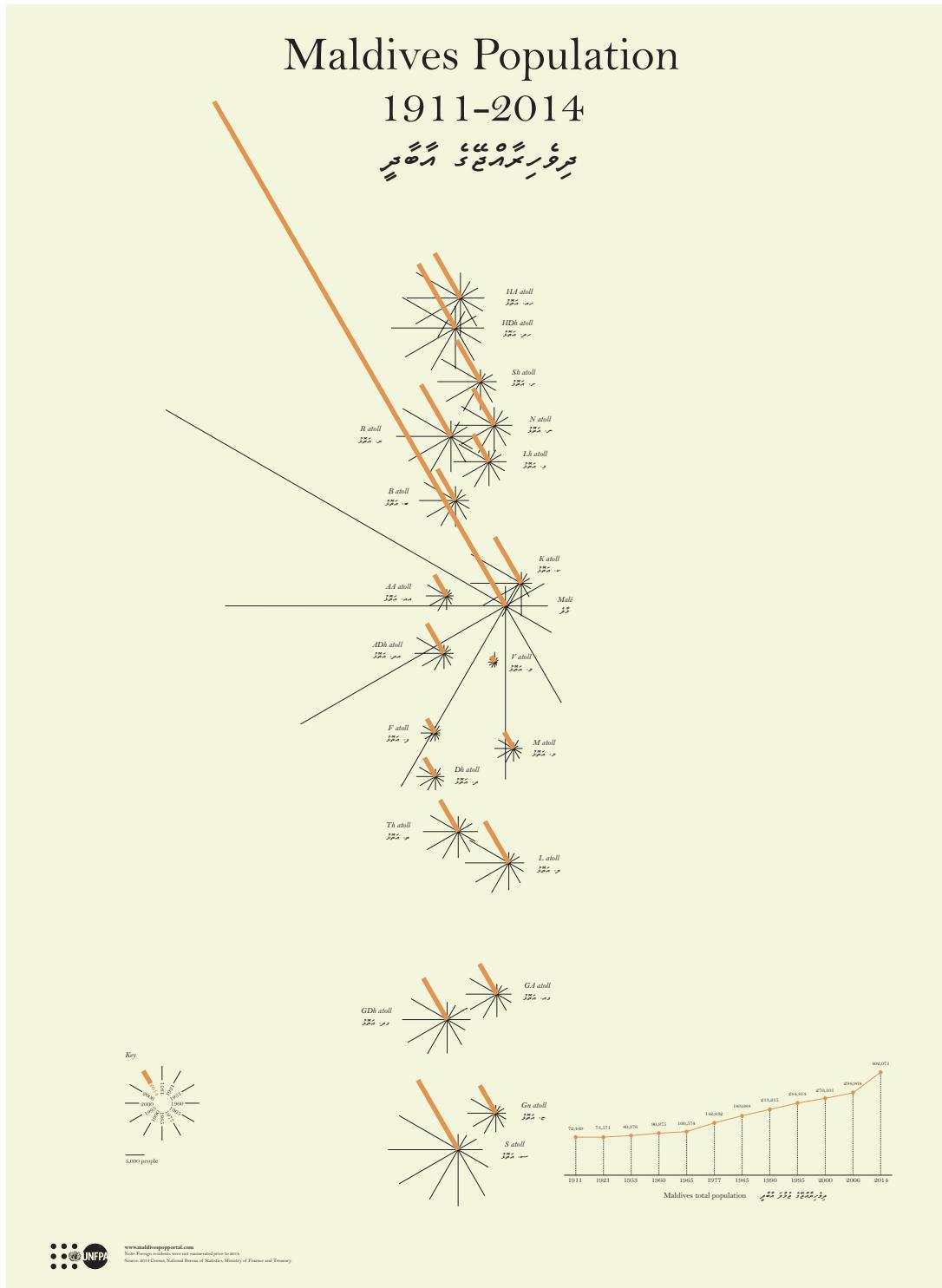
The full deck's 188 cards — one for each inhabited island — display, on the face side, a satellite image overlaid with a map marking the island's position and population size relative to the other islands. The reverse displays an array of island-specific insights and population statistics drawn from both from new results of the 2014 Census, as well as prior enumerations dating back to 1911.

Each card also makes locally compelling, evidence-based arguments for investing in youth.

The first set of cards were piloted in December at a conference of Laamu's atoll and island councilors, an experience that demonstrated the cards' value as simple, but surprisingly effective "data for development" product.

"Many council members were surprised by the census results on the island cards," said Fathmath Riyaza of the National Bureau of Statistics. "Often, councils rely for planning purposes on the number of Maldivians officially registered on their island."

Full sets of "Know Your Island" cards were distributed to every island and atoll council throughout the country, as well as to all members of parliament, current and prospective partners in government and civil society, schools and health centers.

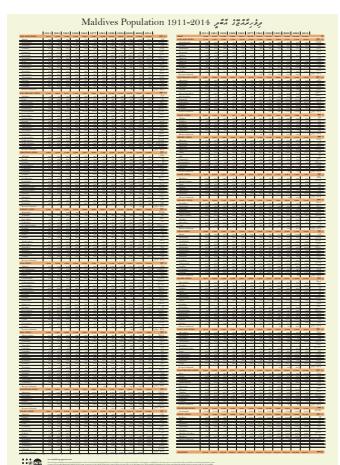


Maldives Population 1911–2014

- **MADE FOR:** UNFPA
 - **YEAR:** 2015
 - **CONCEPT:** Radial line charts, table

REDISCOVERING HISTORY

UNFPA and NBS celebrated more than 100 years of the Maldivian Census with a commemorative poster that features a striking radial plot of each atoll and its population in every census since the first in 1911; the poster's reverse side features handy a table listing the population of every island ever enumerated in the census. This project entailed recovering and manually entering island-level data that had never been digitized — and was nearly lost to history.





Notebook

- **MADE FOR:** UNFPA
- **YEAR:** 2016
- **CONCEPT:** Notebook

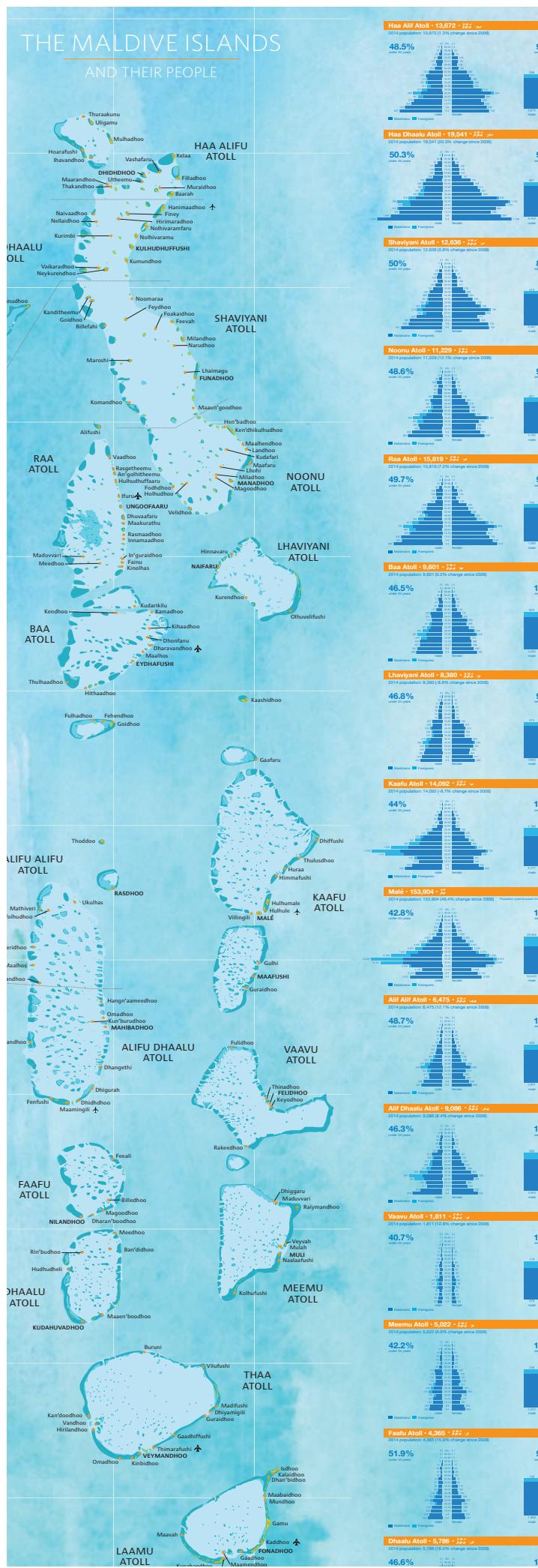
GRAPHS AND GRAPHING PAPER

Another iteration of the “dot plot” poster for UNFPA, but this time as a notebook.



THE MALDIVE ISLANDS

AND THEIR PEOPLE



Population Atlas

• MADE FOR: UNFPA

• YEAR: 2015

• CONCEPT: Stacked bar charts and map

MALDIVES MAP

This traditional map displays atoll-level census statistics along its margin, including population pyramids, sex ratios, percentage change, and the proportion under age 24, underscoring key UNFPA messages. This product was one of several distributed to legislators and cabinet ministers by our Youth Advocacy Union members on lobbying visits.

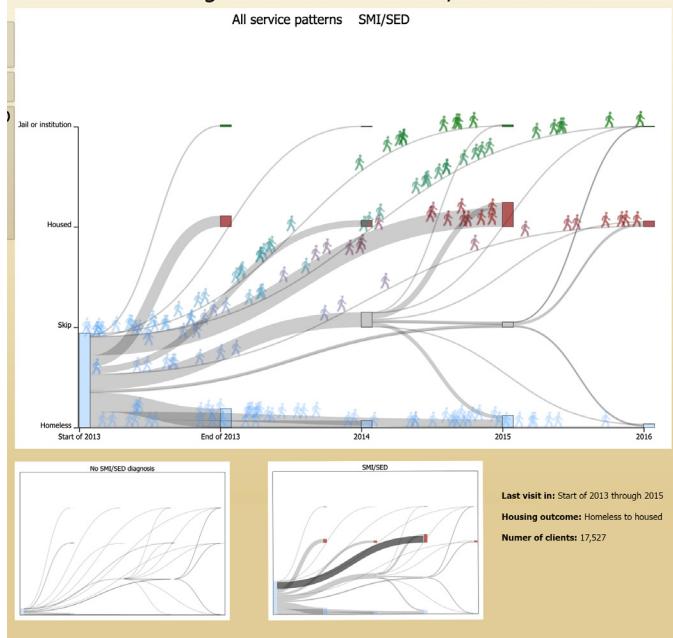


Data Visualization

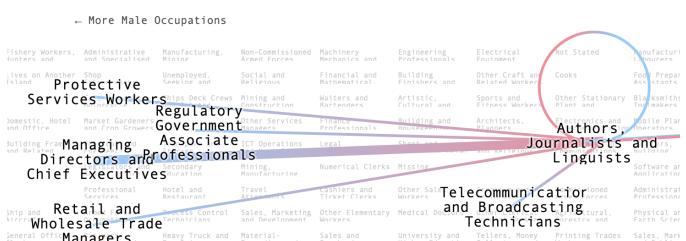
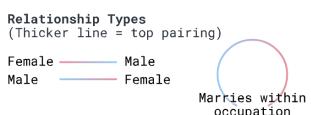


- + TREATMENT 'SKIPS' AND HOUSING STATUS: 2013-2016
 - + WHO MARRIES WHOM?
 - + AGE AND DURATION
 - + EYEBROW CHARTS
 - + MIGRATION MAP
 - + WHO ABUSES WHOM
 - + JUST MARRIED
 - + NEVER MARRIED
 - + POPULATION PYRAMID
 - + WHO'S YOUNGER AND OLDER THAN YOU?
 - + MIGRATION FLOWS
 - + ADMISSIONS BY STATE
- 

Changes in residential status, 2013–2016



When it comes to falling in love, it's not just fate that brings people together. Data from the National Bureau of Statistics' 2014 Census of the Marriage market reveals some interesting trends. Some matches seem to be made in heaven (e.g., [grade-school teachers](#)), and others had us questioning Cupid's judgment (e.g., [male welders](#)). High-earning women ([doctors, lawyers](#)) tend to marry middle- and lower-income women often. In other words, CEOs are OK marrying their [secretaries](#).



Treatment ‘skips’ and housing status

- MADE FOR: SAMHSA
- YEAR: 2019
- CONCEPT: Sequence explorer

FOLLOW THE FLOW

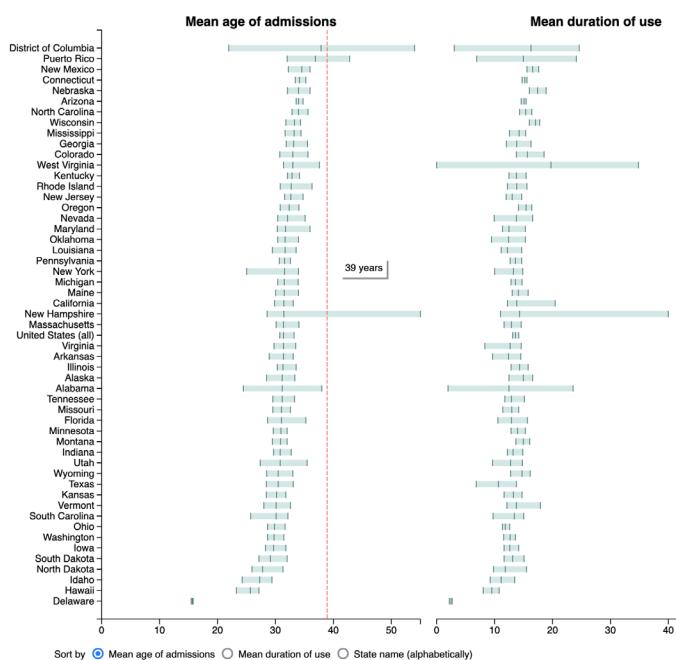
This Sankey diagram laid out in “small multiples” animates the flow of individuals through the mental health system, allowing us to explore the service patterns of homeless clients with severe mental illness (SMI) and without SMI, over many years.

Who marries whom?

- MADE FOR: UNFPA
- YEAR: 2016
- CONCEPT: Network graph

COPLES' CAREERS

Using data produced from my original analysis of Maldives Census microdata, this modified Sankey explores the most common pairings of married couples' occupations.

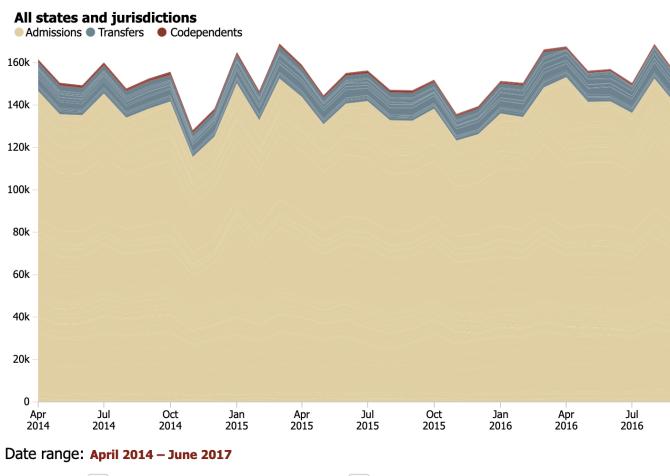


Age and duration

- MADE FOR: SAMHSA
- YEAR: 2018
- CONCEPT: Tree plot

TREATMENT ADMISSIONS

First-time substance use admissions are shown in this interactive tree plot that explores, by state, the mean age of incoming clients and the length of time they have been using. The plot is sortable, with a mouseover providing more information.

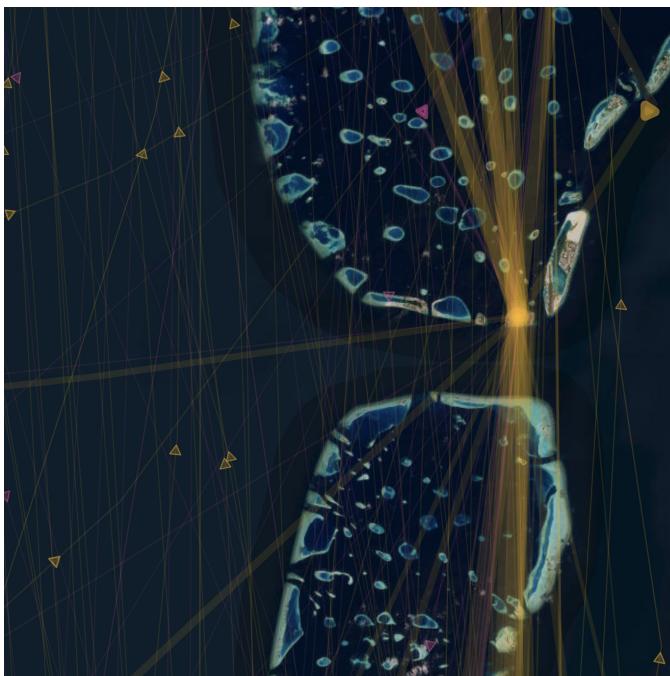


Eyebrow charts

- MADE FOR: SAMHSA
- YEAR: 2019
- CONCEPT: Stacked area, small multiples

DATA QUALITY DETECTION

This series of stacked area charts earned its nickname from its distinctive shapes. Designed to quickly detect data quality issues, states' incoming treatment admissions are displayed both in aggregate and in multiples linked by clicking, tooltips, and a brushable scroll bar.

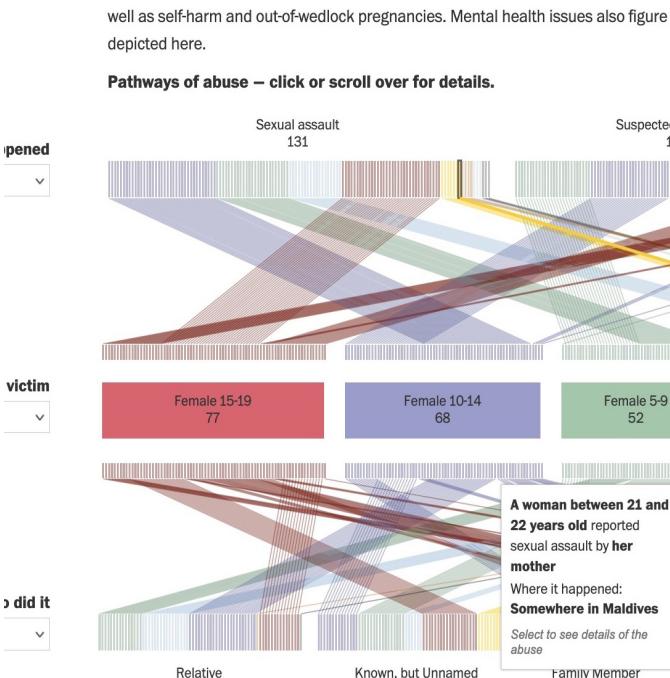


Migration map

- MADE FOR: UNFPA
- YEAR: 2015
- CONCEPT: Sankey

WHERE MALDIVIANS MOVE

At the time, this may have been the world's first online, interactive migration map. It was produced by combining census data, d3.js's Sankey features, leaflet, and OpenStreetMap.

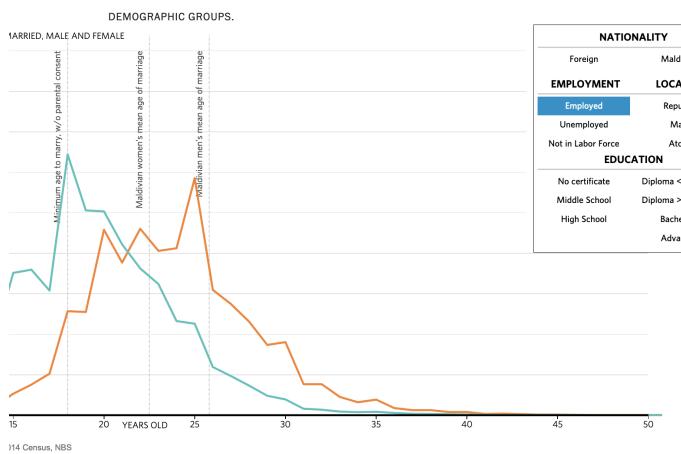


Who abuses whom

- MADE FOR: UNFPA
- YEAR: 2016
- CONCEPT: Sankey

PATHWAYS OF PAIN

This Sankey diagram visualizes 10 years of Family Protection Unit data from Maldives. Certain information, such as the victims' ages and locations have been intentionally obfuscated in the publicly released version of this interactive.

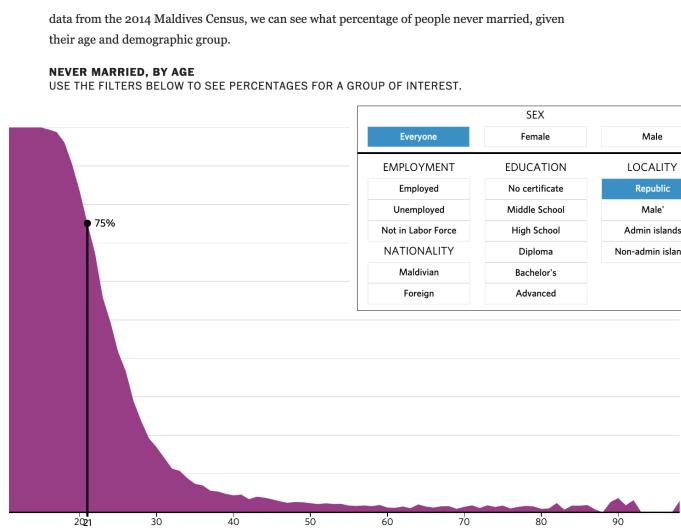


Just married

- MADE FOR: SAMHSA
- YEAR: 2018
- CONCEPT: Sequence explorer

THE NEWLYWED CHART

Using data from the 2014 Maldives Census, we tabulated when married people in the Maldives first tied the knot, and this interactive, switchable line chart explores trends by demographic group.

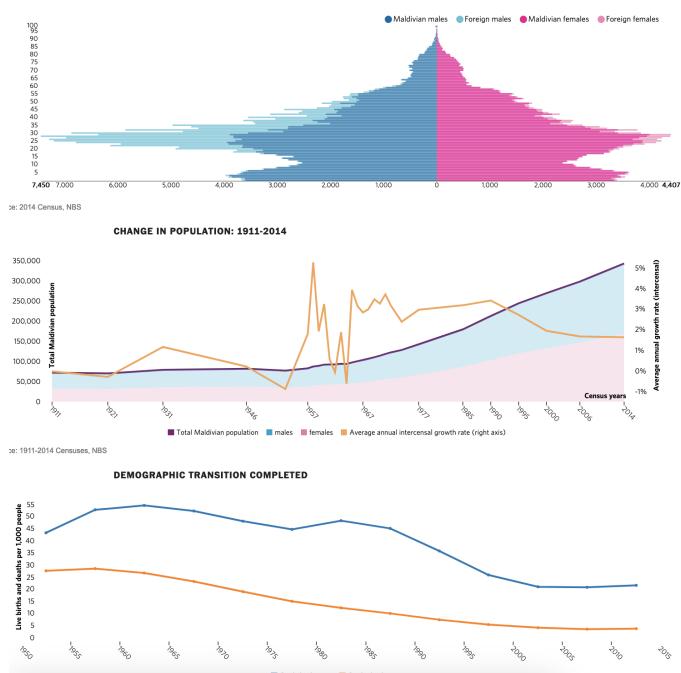


Never married

- MADE FOR: UNFPA
- YEAR: 2016
- CONCEPT: Interactive line chart

A COMPETITIVE MARKET

Through data from the 2014 Maldives Census, we looked at when in life people tend to get married. Trends vary quite a bit by demographic group, but most people marry at least once at some point.



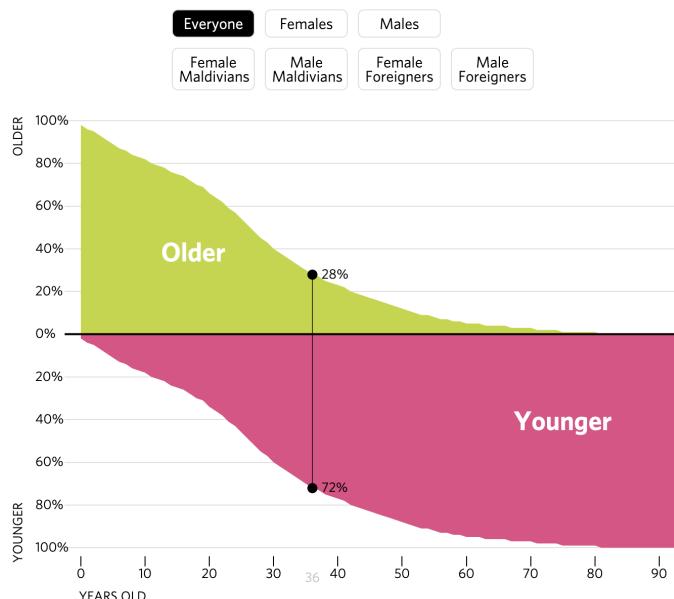
Population pyramid

- MADE FOR: UNFPA
- YEAR: 2015
- CONCEPT: Horizontal stacked bar; line

HOW MANY MALDIVIANS?

Using c3.js and census data, I created an interactive horizontal stacked bar chart and a set of line charts, enhanced with tooltips, to display the population structure of Maldives, its growth rate, and the shape of its demographic transition.

Who's Older and Younger Than You In Maldives?

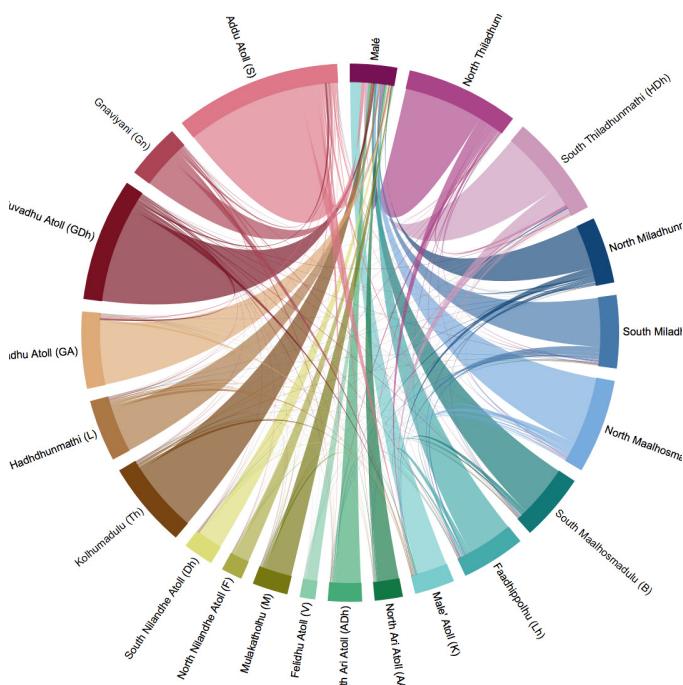


Who's older and Younger than you?

- MADE FOR: UNFPA
- YEAR: 2016
- CONCEPT: Switchable area chart

THE AGE OF MAJORITY

Everyone seems old when you're a kid. In high school, elementary school students look like babies, and college kids seem more mature than they really are. After college, ideas of old and young get fuzzy, especially a decade out. So, how much of Maldives is older or younger than you?



Migration flows

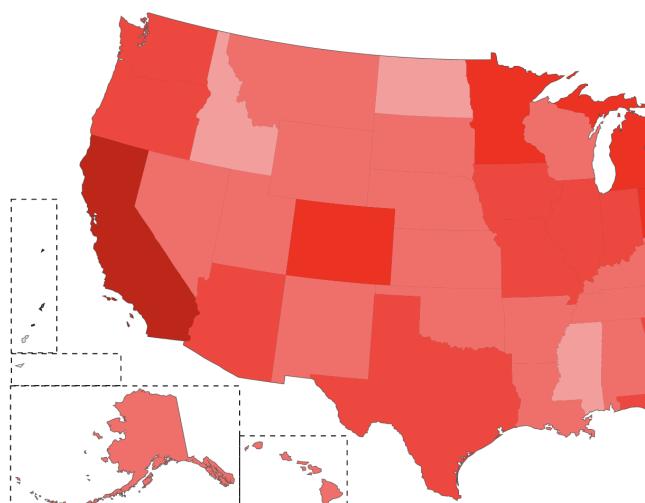
- MADE FOR: UNFPA
- YEAR: 2015
- CONCEPT: Chord

URBAN INFUX

This interactive chord diagram visualizes migration flows among atolls and Malé. The thickness of each ribbon represents the proportion of migrants flowing from one place to another.

TEDS Admissions by State, 2000–2016

Choose a Year
2014



Admissions by state

- MADE FOR: SAMHSA
- YEAR: 2019
- CONCEPT: Choropleth with time slider

INCLUDES TERRITORIES

Refinements distinguish this choropleth from others: Alaska, Hawaii, US territories, and Compact of Free Association nations are inset with appropriate projections and scale; a time slider adds further dimension; and a tooltip appears on hover with further information for each state.



Web Design

- 
- + CARDKIT
 - + MPOP: MALDIVES POPULATION PORTAL

03

Empowerment means guaranteeing girls and women full, unfettered access to family planning supplies and services

YORIKO YASUKAWA
Director, Asia & the Pacific

Read more: unfpa.org/adolescent-pregnancy

[Download Image](#) [Reset](#)

1 DIMENSIONS
Different networks have different card sizes. Choose the one you're sharing to
Twitter

2 TEMPLATE
Changing the template layout will delete any of your previously entered card content
Quote

3 THEME
Themes control the colour schemes for most of the cards. Choose the one you want to use
UNFPA yellow

RESOLUTION (2X) Choose the scaled output size

Scale controls the resolution of the final image. 1x will return the smallest image size (lowest quality). 2x will return an image of double scale; this is the default, because it is Retina screen-compliant, so it will look good on iPhones and Macs. 3x is useful if you need a very high resolution card. If you use 3x, please ensure the images you provide are also high resolution.

4 CARD CONTENT

The fields below allow you to edit your card's content.

HEADLINE

Font Size

Text

Text Anchor

CREDIT

Font Family

Font Size

Text

CROSS REFERENCE TEXT

Font Size

Text

unfpa.org/adolescent-pregnancy"/>

Card Kit

- **MADE FOR:** UNFPA
- **YEAR:** 2016
- **CONCEPT:** Social media

EVENT ANNOUNCEMENT



General Staff Meeting

9:30 a.m. New York time, UTC -4

Meet us in the Orange Café,
or watch the livestream on Voices

Got a question for the ED? You can submit them now on Voices.



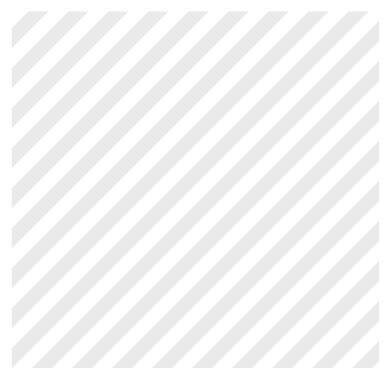
AUTOMATED COMPLIANCE

At UNFPA, I led development of UNFPA CardKit, a browser-run javascript app to create multimedia advocacy content, properly branded and formatted for social media. CardKit effectively operationalized UNFPA's Identity Style Guide and extended its application to social media. This equipped Country Offices worldwide with much-needed tools to automate compliance and quickly publish professional-grade content, even in low-resource settings, that dramatically increased engagement metrics and traffic. Significantly, this innovation unified UNFPA's previously discordant online identity by eliminating a long-recognized reputational risk from the agency's own field offices.

#SWOP2016

Youth face life-changing decisions about reproductive health.
They deserve an education that prepares them for it.

unfpa.org/xxx





The screenshot shows the Maldives Population Portal homepage with a navigation bar at the top featuring links like 'The Evidence', 'Visualize', 'Opinions & Analysis', 'Stories', 'Videos', 'Add your voice', and 'Talk with a doctor'. Below the navigation is a grid of five stories with images and titles:

- January 24, 2016: Pretty hot population pyramids
- December 25, 2015: Mobile Maldivians: Mapping internal migration flows
- December 24, 2015: Abortion Policies: A Global Review (Maldives)
- November 24, 2015: Women in Maldivian history: A timeline
- January 24, 2016: From Fuvahmulah to Male: The culture of urbanization

Below the stories is a 'STORIES' section with a grid of news items. To the right is a sidebar with filters for 'Recent', 'Popular', 'Comments', and 'Tags', followed by a list of recent posts:

- Total fertility by atoll, 2006 and 2014 (May 2, 2016)
- Who abuses whom, and how: 10 years of data (February 17, 2016)
- Veiled Hurt (February 14, 2016)
- Interview: young entrepreneur Nashra Hassan (February 14, 2016)
- How to ask a girl out in Maldives, 1965 (February 14, 2016)
- Women in Maldivian history: A timeline (November 24, 2015)

Maldives Population Portal

- **MADE FOR:** UNFPA
- **YEAR:** 2016
- **CONCEPT:** Data-driven narrative and visualization

MPOP

At UNFPA in Maldives, I led a Country Office of 10 people in development and management of the Maldives Population Portal (MPop), a key strategic initiative of the non-resident Chief of Mission to establish a data-driven online news and information service focusing on population, health, and development issues. Through this project, I developed persuasive, advocacy-oriented interactive data visualizations, in the style of cutting-edge digital features in the New York Times and Washington Post.

