

CGT 270 Data Visualization
Makeover Monday #2 (2018 Dataset)

Name: Jack Kinzig Date: 3/28/2022 Max points: 25

Lab section: Wednesday 9:30

Show your work!!!

Acquire

Week: 48

Date: Nov 30
Fistula's Pilot Program

Year: 2020

Data: The Success of Operation

Source Article/Visualization:

48 Nov 30 data.world The success of Operation Fistula's Pilot Program

Data Source: Operation Fistula

<https://www.makeovermonday.co.uk/data/data-sets-2020/>

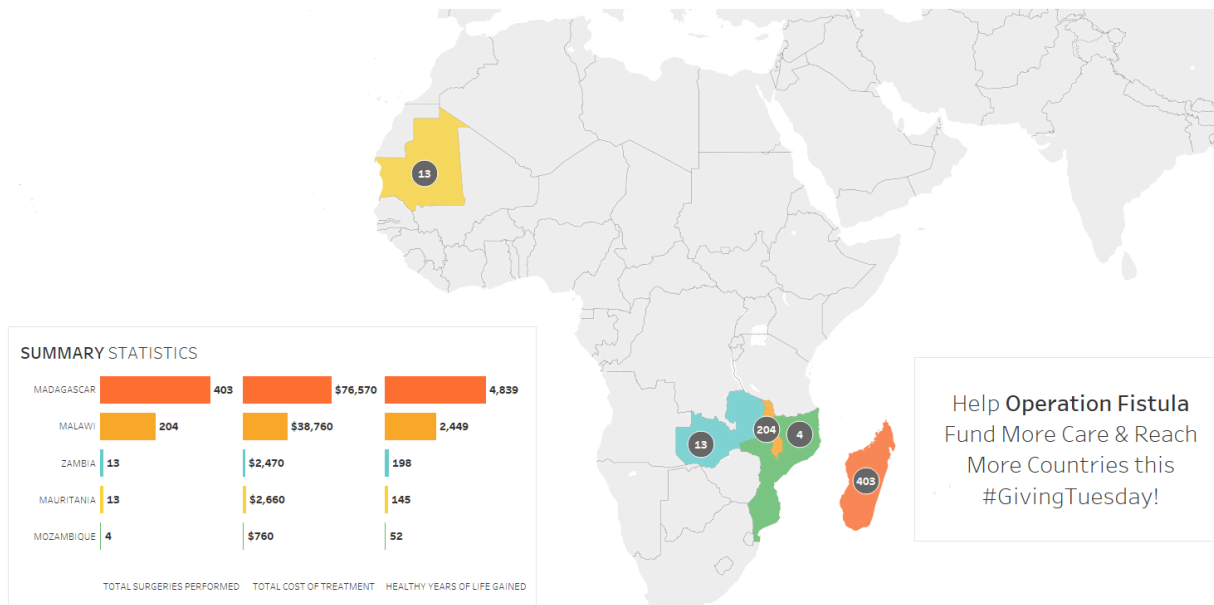
Represent

A GLOBAL STORY OF KICKSTART

A COST-EFFICIENT PROGRAM FOR CHANGING LIVES FOREVER | SAMPLE OF DATA FROM 2012 TO 2015



OPERATION
FISTULA



Critique

Critique the visualization: what do you like about it, dislike about it, what do you plan to do differently?
Remove this text and highlighting before submitting your work.

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Likes:

- Color scheme
- Use of a map
- Information at the top

Dislikes:

- Bottom left chart is too small/hard to read
- Lots of empty space on the map
- Less population/sample size not accounted for, makes countries seem less successful

Mine

How successful was Operation Fistula's Pilot Program in different countries?

Filter

Country	Average Years Gained
Mauritania	10.32242143
Madagascar	12.00837593
Malawi	12.00522015
Zambia	15.25477846
Mozambique	12.9251625

Stakeholders

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?

Audience: People interested in public health, or people who have suffered from or know someone who has suffered from fistula.

Assumptions: the data is accurate

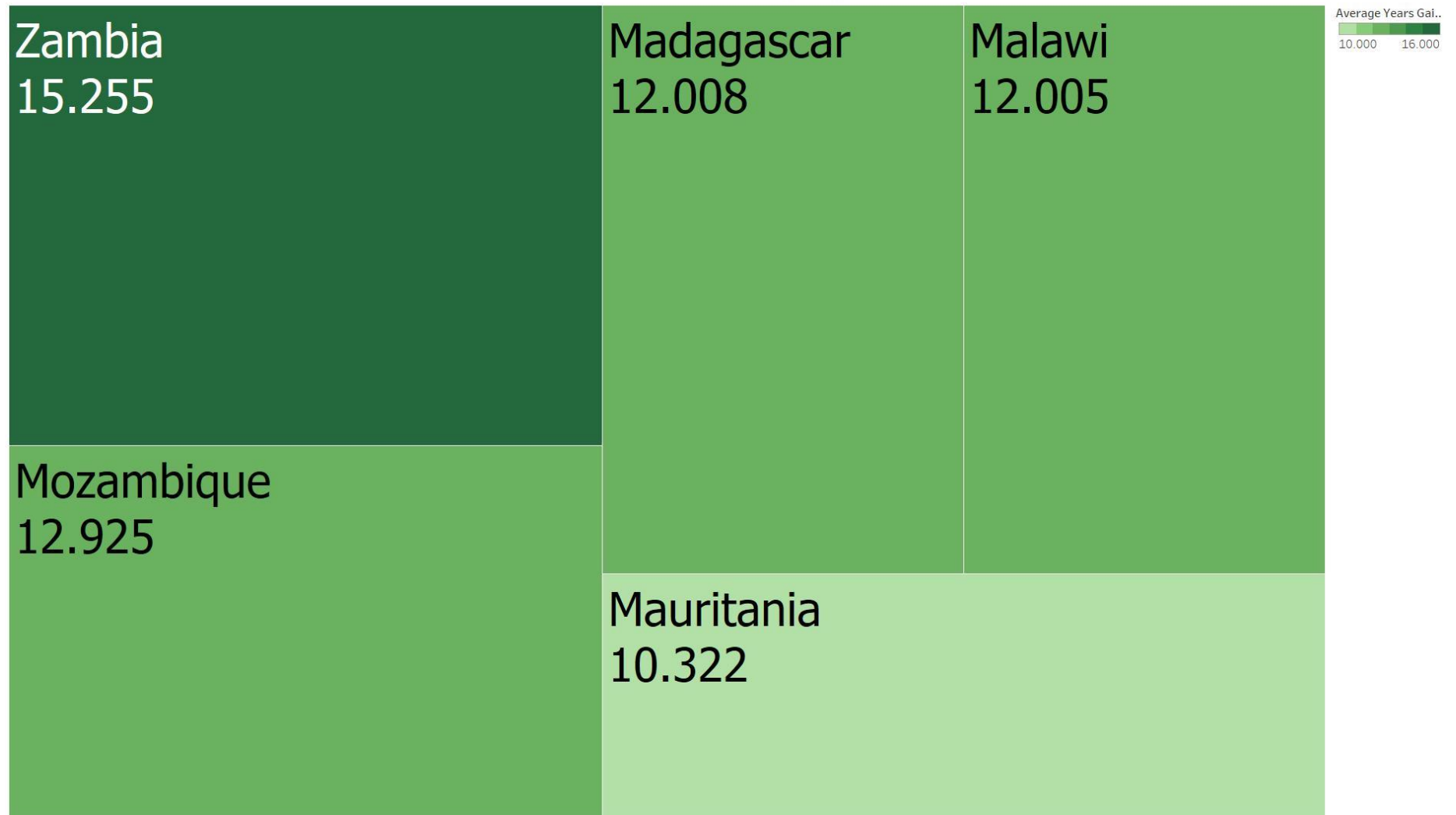
Software: Tableau

What to submit: This document in PDF format only (if you do not know how to do this, see Lab 0 Exercise 1). Save this document as: **LastnameFirstInitial_CGT270S22_MakeoverMonday#2.pdf**

Choose the best layout for your makeover visualization: Portrait or Landscape, Remove the page of the layout that you DO NOT choose. No blank pages!

Refine (Makeover – Landscape view)

Average Years of Life Gained from Fistula Surgery



Country and sum of Average Years Gained. Color shows sum of Average Years Gained. Size shows sum of Average Years Gained. The marks are labeled by Country and sum of Average Years Gained.

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Resources

Data Visualization Checklist:

http://stephanieevergreen.com/wp-content/uploads/2016/10/DataVizChecklist_May2016.pdf

How to give constructive criticism:

<https://personalexcellence.co/blog/constructive-criticism/>

Sample Makeovers

<https://www.makeovermonday.co.uk/gallery/>

Grading Rubric

Excellent	Good	Fair	Needs Improvement
Meets ALL or most of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed. [15 pts]	Meets MOST of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed. [10 – 14 pts]	Consistently meets SOME of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed. [5 – 9 pts]	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort. [0 – 4 pts]
Sketch included: hand drawn, data vis best practices evident. [5 pts]	Sketch included: hand drawn, lacking data vis best practices. [3 pts]	Sketch included, but was generated by computer [2 pts]	No sketch included. [0 pts]
More advanced chart types used [5 pts]	More advanced chart types used, followed most best practices [3 pts]	Basic chart types used in the makeover [2 pts]	Little to no improvement in visual representation of the data [0 pts]