Free Food For All

```
library(tidyverse)
## — Attaching packages —
                                                          - tidyverse 1.3.2 —
## ✓ ggplot2 3.4.0
                  ✓ purrr 1.0.0
## < tibble 3.1.8 < dplyr 1.0.10
## ✓ tidyr 1.2.1 ✓ stringr 1.5.0
## ✓ readr 2.1.3 ✓ forcats 0.5.2
## — Conflicts —
                                                    - tidyverse conflicts() --
## * dplyr::filter() masks stats::filter()
## * dplyr::lag() masks stats::lag()
```

```
library(socviz) # election data set in this package
library(maps)
```

```
## Attaching package: 'maps'
## The following object is masked from 'package:purrr':
##
       map
```

```
library(mapproj)
library(ggthemes)
library(RColorBrewer)
## Food For All: My Visualizations
# import in my data
library(readxl)
lbs_destination <- read_excel("lbs_destination.xlsx")</pre>
```

```
## New names:
## • `` -> `...4`
## • `` -> `...6`
```

...4 Total LBS Per Site

...6

lbs_destination

Date

Pounds Destination

```
<dttm>
                    <dbl> <chr>
                                                                 <lgl> <chr>
                                                                                                                <chr>
                                                                  NA Site
                      800 Yesler Saturday Market
                                                                                                                Lbs
      2022-01-01
                                                                  NA Yesler Saturday Market
                      300 South Park Pantry
                                                                                                                94405
      2022-01-01
                       50 Other
                                                                  NA South Park Pantry
      2022-01-03
                                                                                                                17117
                                                                                                               252279
                       75 Other
      2022-01-05
                                                                  NA Other
                      400 Other
                                                                  NA Kerner Scott
                                                                                                               90
      2022-01-06
                      125 Other
                                                                  NA Cascade Free Market
      2022-01-06
                                                                                                                11758
                       30 Kerner Scott
      2022-01-06
                                                                  NA Daniel Deliveries
                                                                                                                1913
                       75 Other
                                                                  NA Aurora House
      2022-01-07
                                                                                                                30
                     1155 Other
                                                                  NA Shoreline
                                                                                                                30
      2022-01-08
                                                                  NA Sodo Free Market
      2022-01-08
                     1730 Other
                                                                                                                12105
                                                                                                          6 ... 58 Next
1-10 of 573 rows
                                                                             Previous 1 2 3 4
```

```
#Biggest Distributions
bigs <- subset(lbs_destination, Destination %in% c("__saturday_free_market", "__south_park_pantry", "__sodo_free_
market", "__family_works", "__yesler_really_free_market", "__cascade_free_market"))
p <- ggplot((data = bigs), # biggest</pre>
            mapping = aes(x = Pounds, y = Destination, fill = Destination))
p + geom_col() +
    theme_minimal() +
    guides(fill = FALSE) +
    labs(title = "Pounds of Food Distributed at Larger Sites",
         x = "Pounds Distributed",
        y = "",
         caption = "252,279 pounds distributed at other sites (not including smaller sites)") # +
```

```
## of ggplot2 3.3.4.
 Pounds of Food Distributed at Larger Sites
```

Warning: The `<scale>` argument of `guides()` cannot be `FALSE`. Use "none" instead as

Pounds Distributed

UW Foodbank

South Park Pantry

University Heights Fridge

lbs_destination

2022-01-03

2022-01-05

2022-01-06

Cascade Free Market

Interbay

500

1000

Pounds Distributed

Crisis Solutions

Aurora House

ly_works", "__yesler_really_free_market", "__cascade_free_market"),

scale_fill_manual(values = c("__saturday_free_market", "__south_park_pantry", "__sodo_free_market", "__fami

252,279 pounds distributed at other sites (not including smaller sites)

```
labels=c("Yesler Saturday Free Market", "South Park Pantry", "Sodo Free Market", "Family Wor
ks", "Yesler Saturday Free Market", "Cascade Free Market"))
# Smaller Sites
smalls <- subset(lbs_destination, Destination %nin% c("__saturday_free_market", "__south_park_pantry", "__sodo_fr
ee_market", "__family_works", "__yesler_really_free_market", "__cascade_free_market", "__other"))
p2 <- ggplot((data = smalls), # smaller sites</pre>
            mapping = aes(x = Pounds, y = Destination, fill = Destination))
p2 + geom_col() +
    theme_minimal() +
    guides(fill = "none") +
    labs(title = "Pounds of Food Distributed at Smaller Sites",
         x = "Pounds Distributed",
         y = "") #+
                   Pounds of Food Distributed at Smaller Sites
   Yesler Saturday Market
       Volunteer Boxes
```

Sodo Free Market Shoreline Rainer House Ply House Pat Williams Other Nyer Urness **Nurturing Roots** Kerner Scott Interbay **Heartwood Teachers** Family Works **Daniel Deliveries** Crisis Solutions Community Box Program Cascade Free Market **Burritos** Ballard Foodbank Aurora House 50000 100000 150000 200000 250000 Pounds Distributed #scale_x_discrete(labels=c("__volunteer_box"="Volunteer Box")) **Improved Displays** library(readxl) lbs_destination <- read_excel("lbs_destination.xlsx")</pre>

New names: ## • `` -> `...4` ## • `` -> `...6`

50 Other

75 Other

400 Other

```
Pounds Destination
                                                                ...4 Total LBS Per Site
      Date
                                                                                                                 ...6
                                                              <lgl> <chr>
    <dttm>
                <dbl> <chr>
                                                                                                                 <chr>
2022-01-01
                 800 Yesler Saturday Market
                                                                NA Site
                                                                                                                 Lbs
                                                                NA Yesler Saturday Market
2022-01-01
                 300 South Park Pantry
                                                                                                                 94405
```

NA South Park Pantry

NA Kerner Scott

NA Other

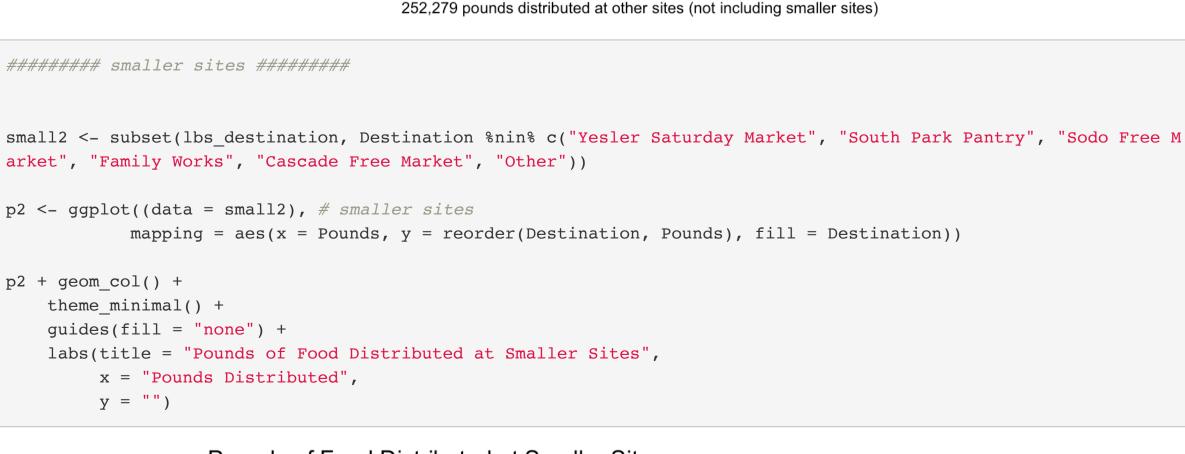
17117

252279

90

2022-01-06																	
2022 01 00	2-01-06 125 Other				NA Cascade Free Market									11758			
2022-01-06	022-01-06 30 Kerner Scott					NA Daniel Deliveries									1913		
2022-01-07	75	Other	NA	Α /	Aurora	House								30			
2022-01-08	1155	Other	NA	1 S	Shorel	ine								30			
2022-01-08	2022-01-08 1730 Other NA							A Sodo Free Market									
1-10 of 573 rows						Previ	DUS	1	2	3	4	5	6	58	Next		
			0.1.0				_							_			
<pre>et", "Family Works p <- ggplot((data</pre>	cs", "Cas 1 = big2)	cade Free Market")) , # biggest	<pre>%in% c("Yesler Saturd) estination, fill = Des</pre>				Sou	th 1	Park	Pant	try"	, "S	odo	Free	Mark		



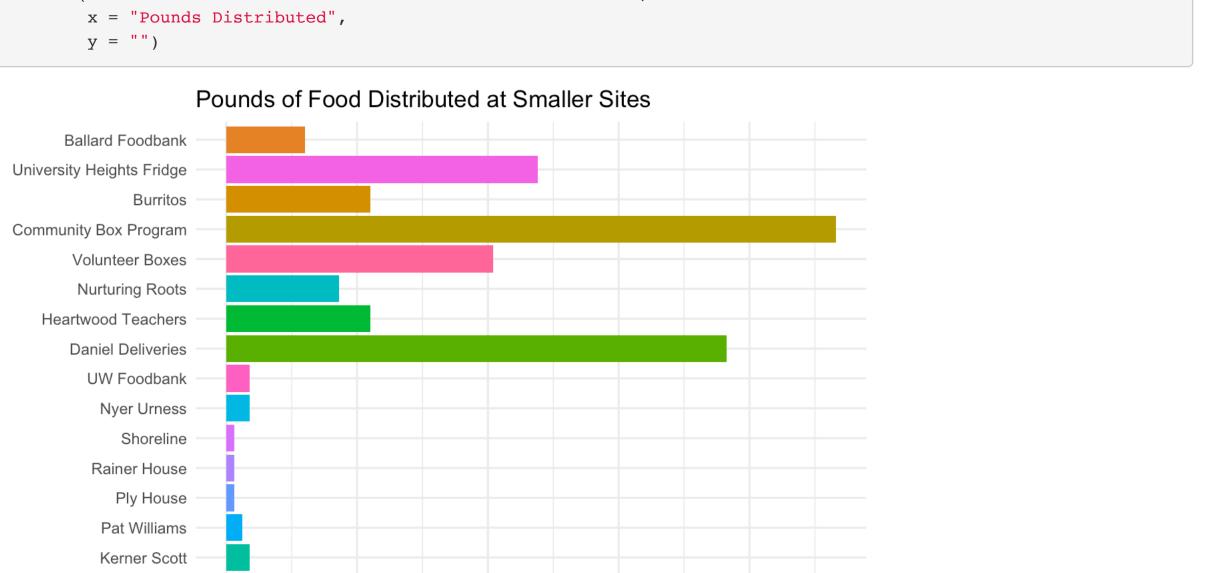


50000

Pounds Distributed

75000

25000



1500

2000