

# Chinook Sample Database

## Deliverables:

Data Visualizations for all questions Tableau

**Analytical requirements: answer these business questions.**

1. Total sales \$ via Invoice
2. Total sales \$ via Invoiceline
3. Total tracks (songs) sold
4. Total sales \$ by customer's country – ranked (sorted largest to smallest)
  - a. In data viz: provide comparison
  - b. In data viz: provide composition
5. Total sales \$ by customer's geo (country, state & city)
  - a. In data viz: need to drill down from country to city
6. Total sales \$ by customer (a person with last name & first name) – ranked (sorted largest to smallest)
7. Total sales \$ by company – ranked (sorted largest to smallest)
8. Total sales \$ by artist – ranked (sorted largest to smallest)
  - a. In data viz: All artists with sales
  - b. In data viz: Top 20 artists
9. Total sales \$ by album – ranked (sorted largest to smallest)
10. Total sales \$ by salesperson (employee)
  - a. In data viz: provide comparison
  - b. In data viz: provide composition
11. Total sales \$ by media type
  - a. In data viz: provide comparison
  - b. In data viz: provide composition
12. Total sales \$ by genre
  - a. In data viz: provide comparison
  - b. In data viz: provide composition
13. What are the total sales \$ by year
14. What are the total sales \$ by year-month
15. For the artist "Led Zeppelin" what are the:
  - a. Total sales
  - b. Sales by Country
  - c. Sales by Customer
  - d. Sales by Employee
  - e. Sales by Album
  - g. Sales by Genre
  - h. Sales by Media Type
  - i. Sales Over Time

# TotalSales byInvoice



Sum of Total.

# TotalSales byInvoiceLine



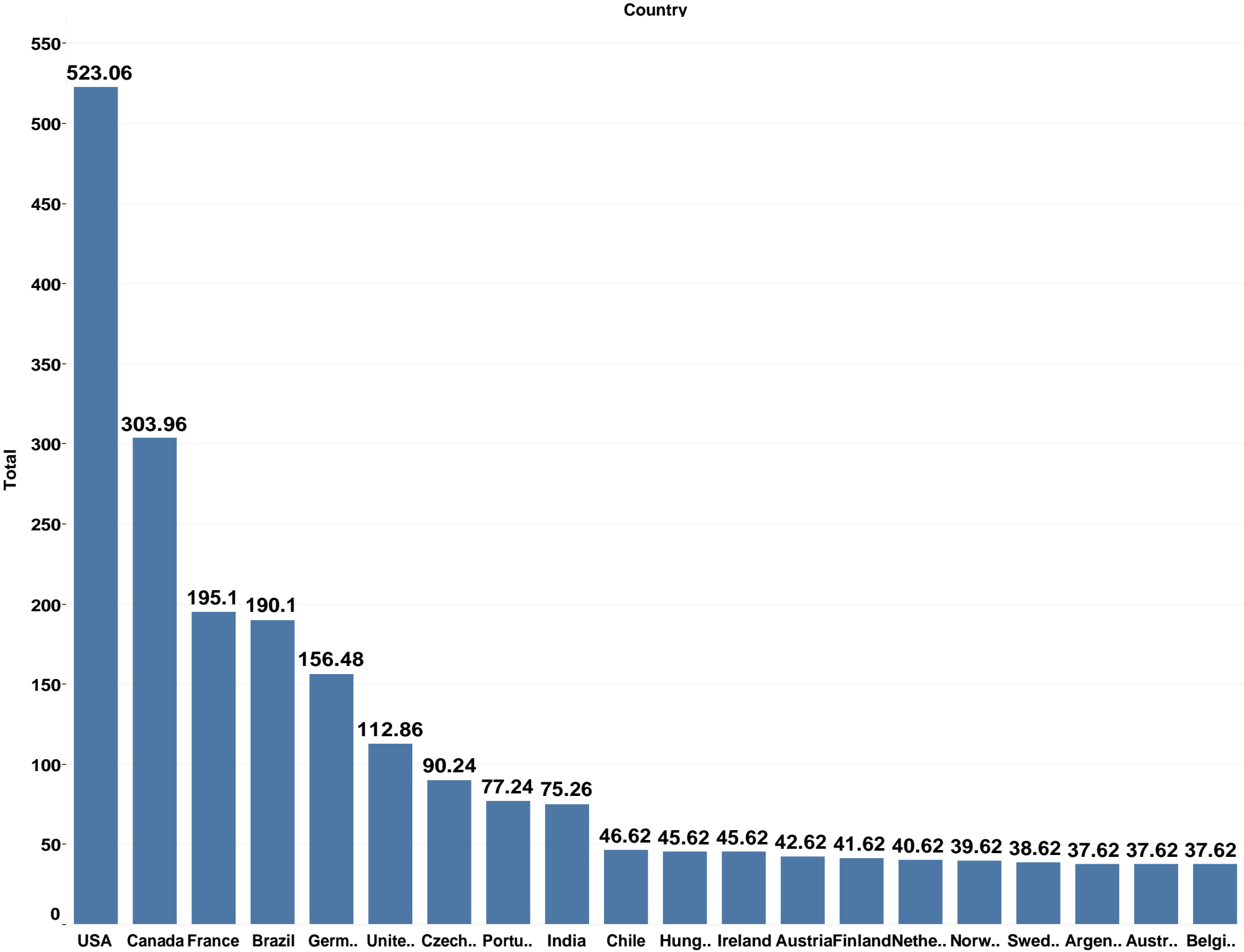
Sum of Unit Price.

# TotalTrack Sold



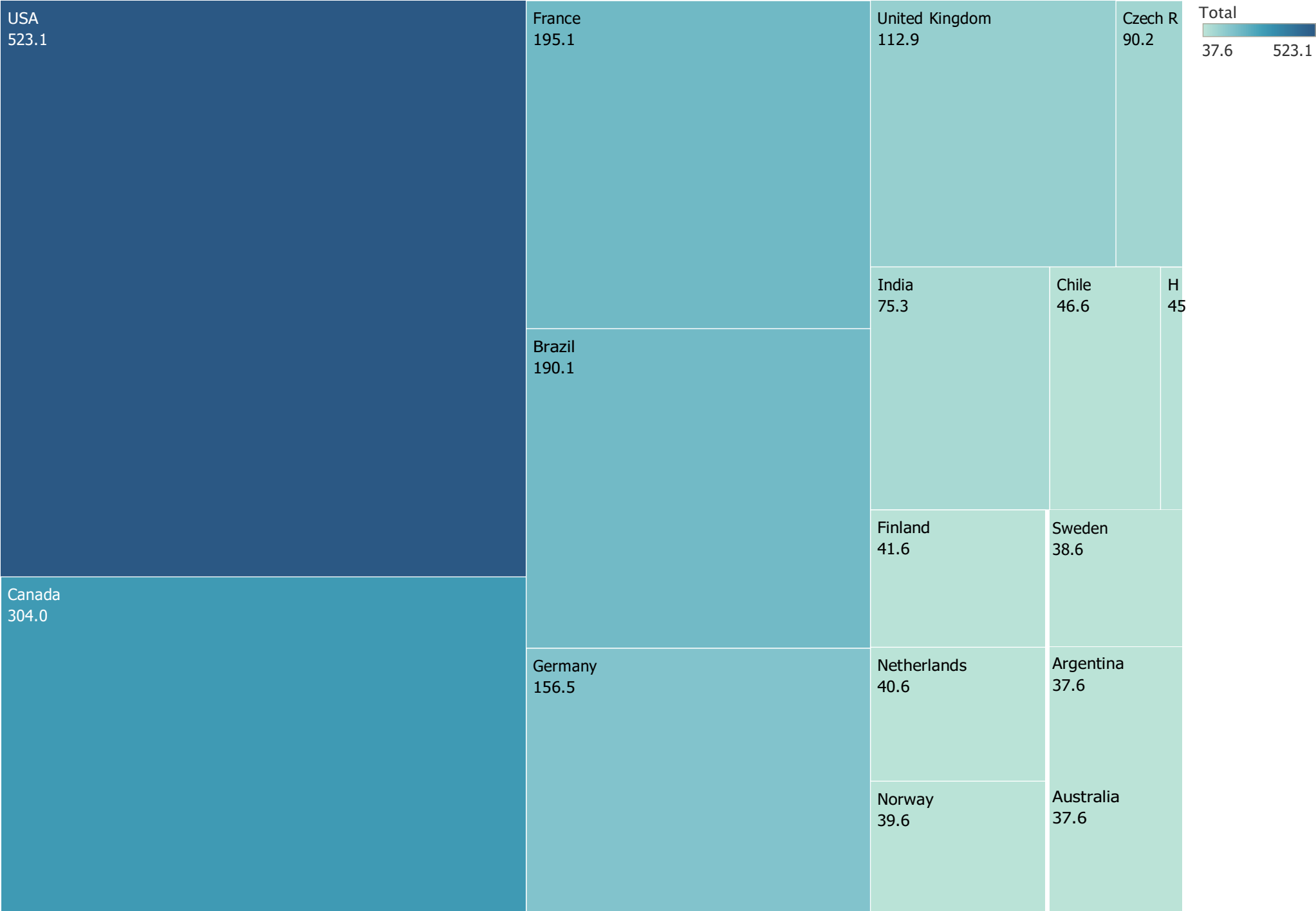
Count of track.

Total Sales by Country Comparison



Sum of Total for each Country. The marks are labeled by sum of Total.

Total sales by country composition

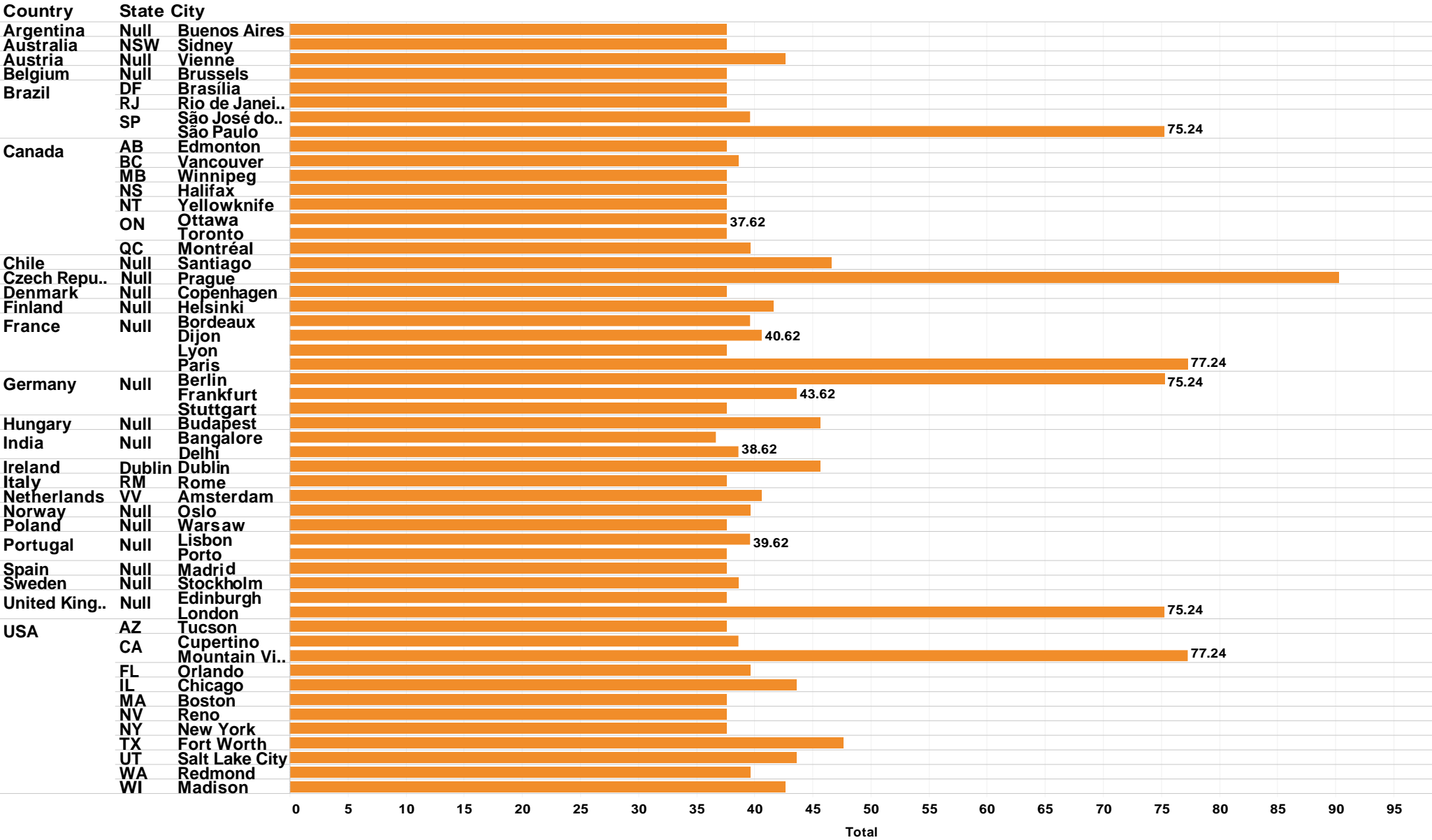


Country and sum of Total. Color shows sum of Total. Size shows sum of Total. The marks are labeled by Country and sum of Total.



Country and sum of Total. Color shows sum of Total. Size shows sum of Total. The marks are labeled by Country and sum of Total.

Total Sales by Country,State,City



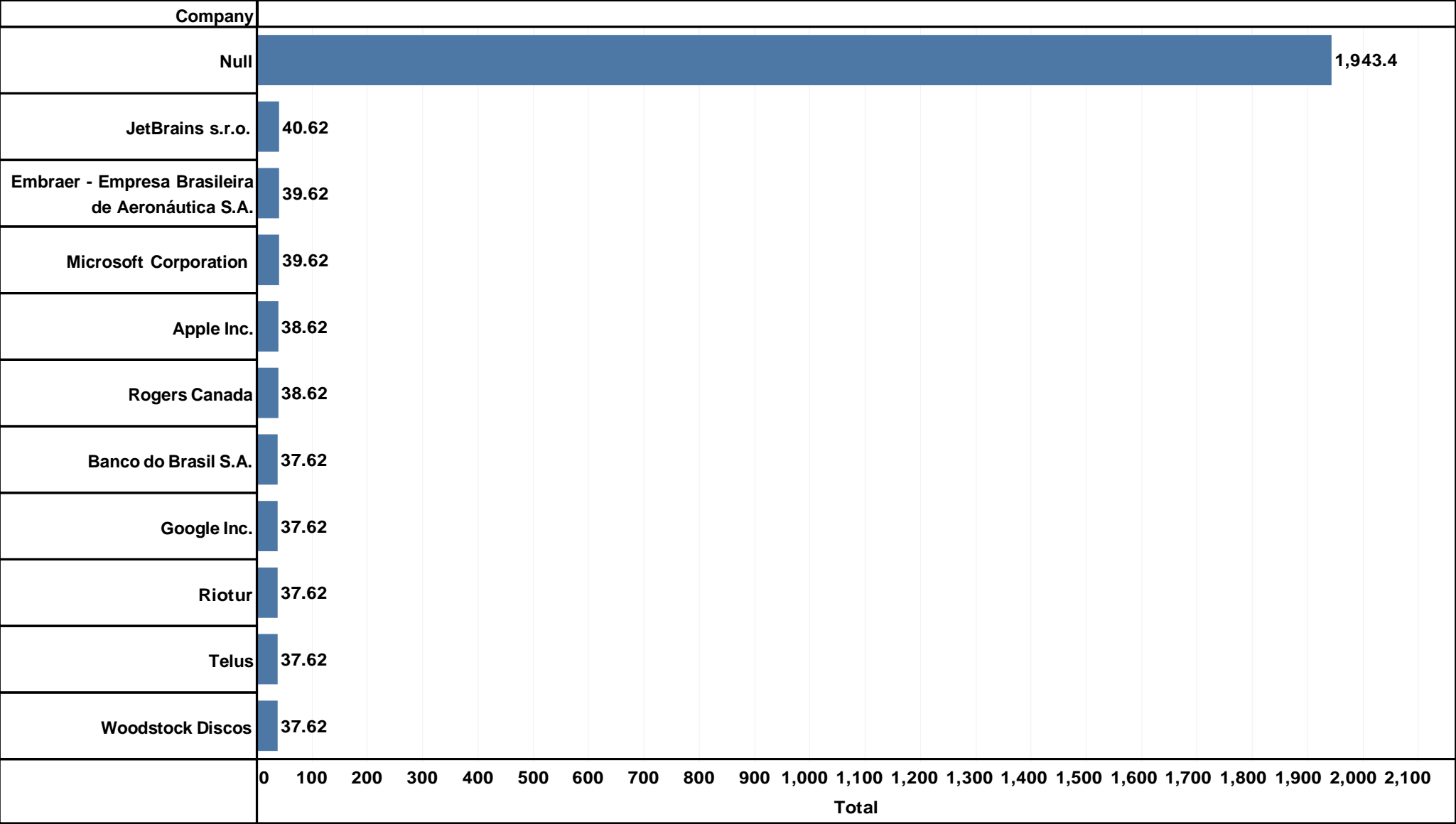
Sum of Total for each City broken down by Country and State. The marks are labeled by sum of Total.

Total Sales By Customer

Last Name	First Name	
Holý	Helena	49.62
Cunningham	Richard	47.62
Rojas	Luis	46.62
Kovács	Ladislav	45.62
O'Reilly	Hugh	45.62
Barnett	Julia	43.62
Ralston	Frank	43.62
Zimmermann	Fynn	43.62
Gruber	Astrid	42.62
Stevens	Victor	42.62
Hämäläinen	Terhi	41.62
Mercier	Isabelle	40.62
Van der Berg	Johannes	40.62
Wichterlová	František	40.62
Fernandes	João	39.62
Girard	Wyatt	39.62
Gonçalves	Luís	39.62
Hansen	Bjørn	39.62
Leacock	Heather	39.62
Miller	Dan	39.62
Smith	Jack	39.62
Tremblay	François	39.62
Bernard	Camille	38.62
Goyer	Tim	38.62
Johansson	Joakim	38.62
Lefebvre	Dominique	38.62
Pareek	Manoj	38.62
Peterson	Jennifer	38.62
Almeida	Roberto	37.62
Brooks	Michelle	37.62
Brown	Robert	37.62
Chase	Kathy	37.62
Dubois	Marc	37.62
Francis	Edward	37.62
Gordon	John	37.62
Gray	Patrick	37.62
Gutiérrez	Diego	37.62
Harris	Frank	37.62
Hughes	Phil	37.62
Jones	Emma	37.62
Köhler	Leonie	37.62
Mancini	Lucas	37.62
Martins	Eduardo	37.62
Mitchell	Aaron	37.62
Muñoz	Enrique	37.62
Murray	Steve	37.62
Nielsen	Kara	37.62
Peeters	Daan	37.62
Philips	Mark	37.62
Ramos	Fernanda	37.62
Rocha	Alexandre	37.62
Sampaio	Madalena	37.62
Schneider	Hannah	37.62
Schröder	Niklas	37.62
Silk	Martha	37.62
Sullivan	Ellie	37.62
Taylor	Mark	37.62
Wójcik	Stanisław	37.62
Srivastava	Puja	36.64

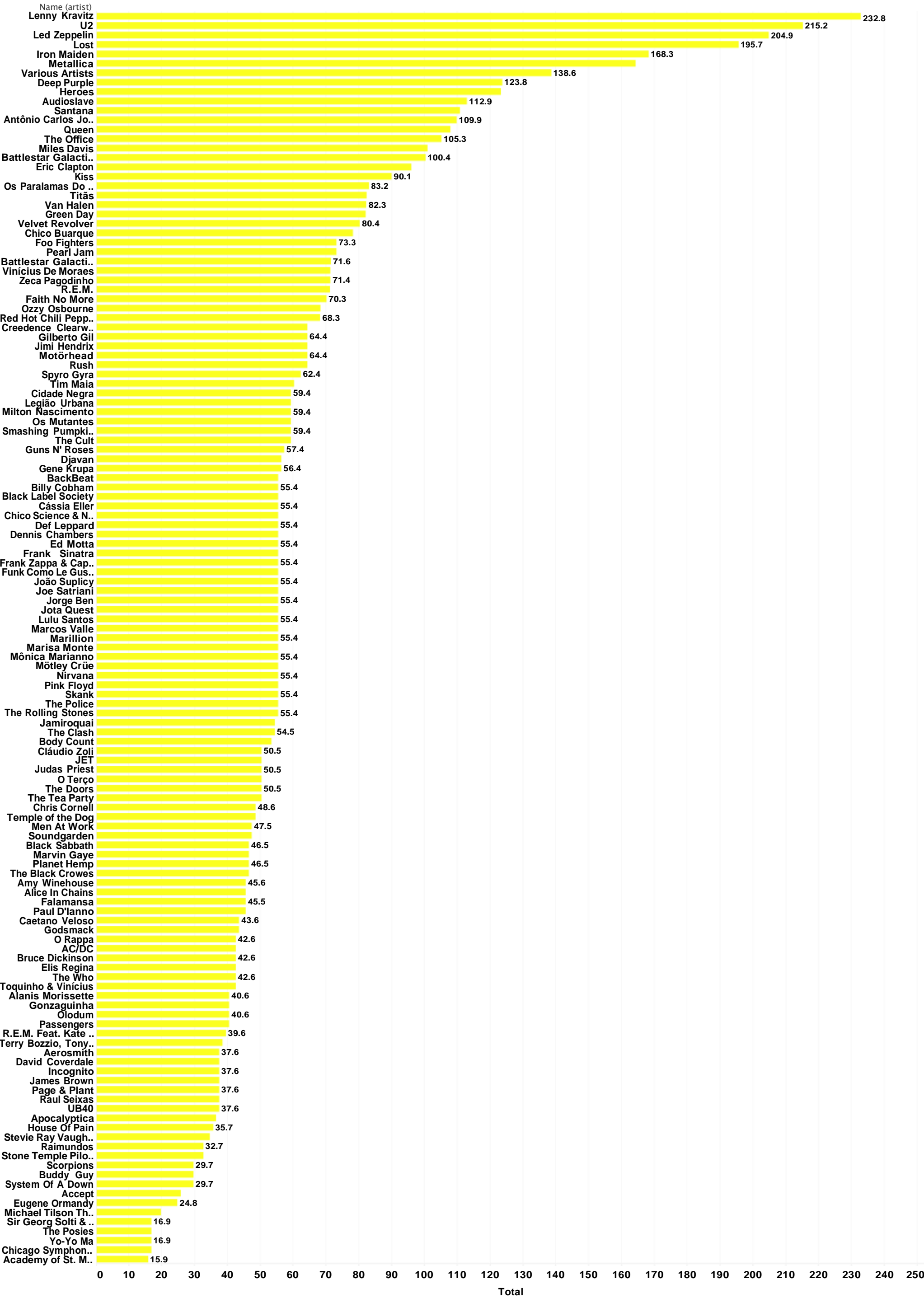
Sum of Total broken down by Last Name and First Name.

Total Sales By Company



Sum of Total for each Company. The marks are labeled by sum of Total.

Total Sales by Artist Name



Sum of Total for each Name (artist). The marks are labeled by sum of Total.

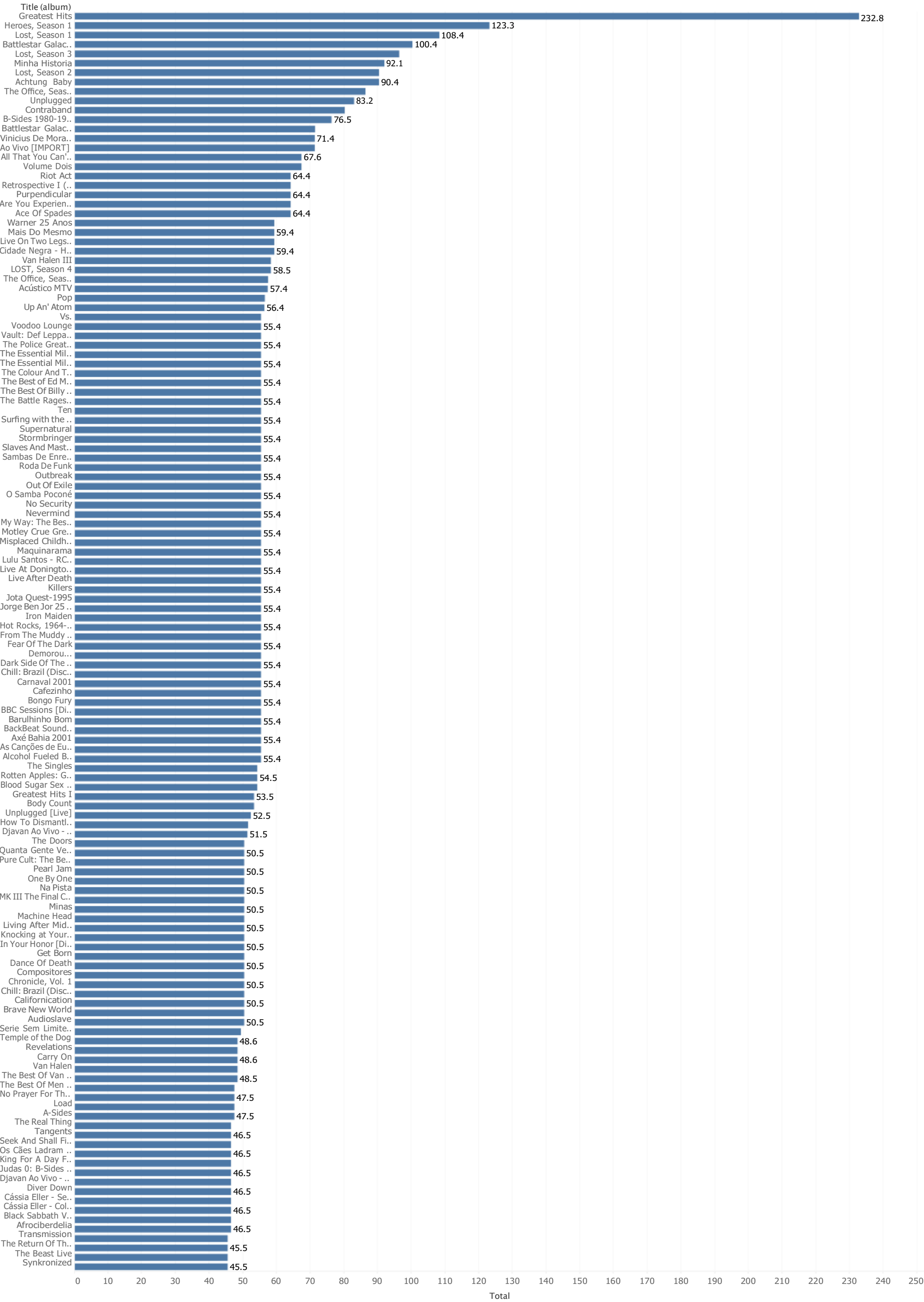


Total Sales by Artist Name top 20

Total															
Name (artist)	16.86	35.68	42.63	48.58	71.44	71.56	80.35	82.25	82.38	100.39	105.28	112.93	123.25	195.66	215.23
Lenny Kravitz															
U2															215.2
Lost														195.7	
Heroes													123.3		
Audioslave												112.9			
The Office											105.3				
Battlestar Galacti..										100.4					
Titãs									82.4						
Van Halen								82.3							
Velvet Revolver							80.4								
Battlestar Galacti..						71.6									
Vinícius De Moraes					71.4										
Zeca Pagodinho					71.4										
Chris Cornell				48.6											
Temple of the Dog				48.6											
O Rappa			42.6												
House Of Pain		35.7													
Sir Georg Solti & ..	16.9														
The Posies	16.9														
Yo-Yo Ma	16.9														

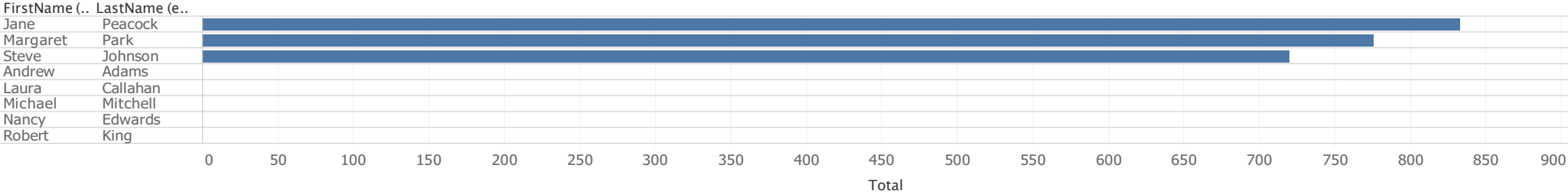
Sum of Total broken down by sum of Total vs. Name (artist). The data is filtered on top20, which ranges from 1 to 20.

Total Sales By Album Name



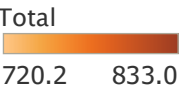
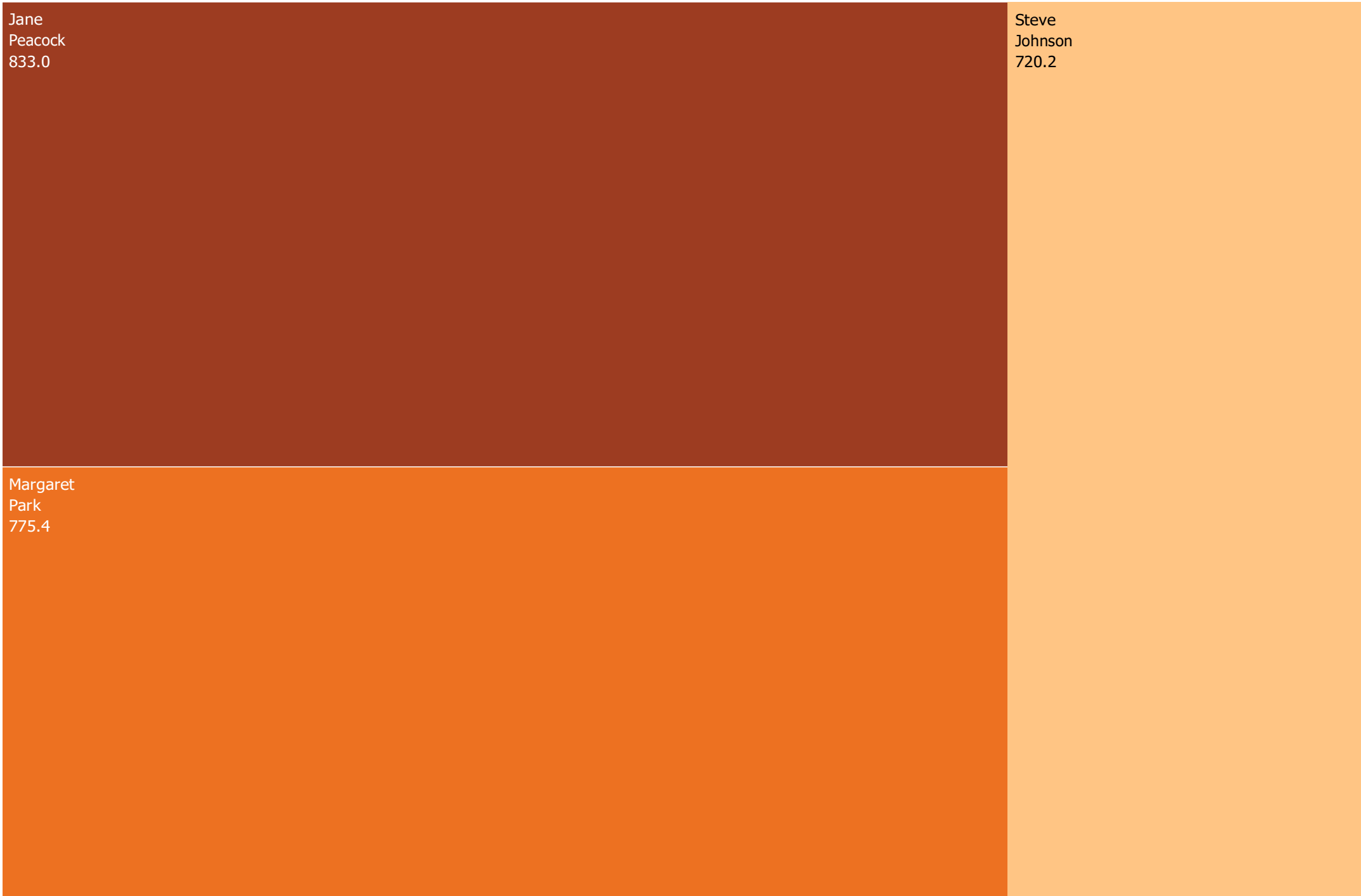
Sum of Total for each Title (album). The marks are labeled by sum of Total.

Total Sales by sales Person comparison

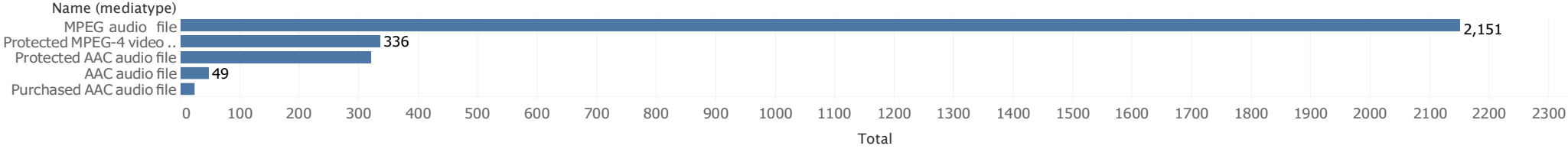


Sum of Total for each LastName (employee) broken down by FirstName (employee). The marks are labeled by sum of Total.

## Total Sales by Person Composition



Total Sales by sales Media type comparison



Sum of Total for each Name (mediatype). The marks are labeled by sum of Total.

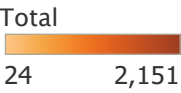
MPEG audio file  
2,151

Protected MPEG-4  
336

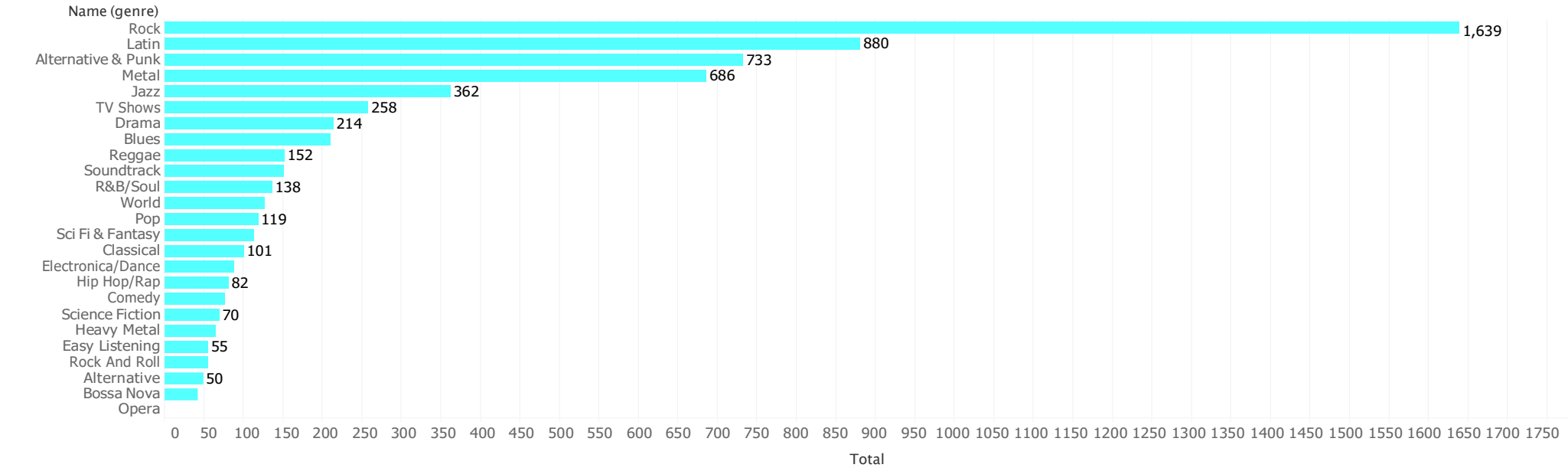
Protected AAC  
320

AAC audio file  
49

Purchased AAC  
audio  
file

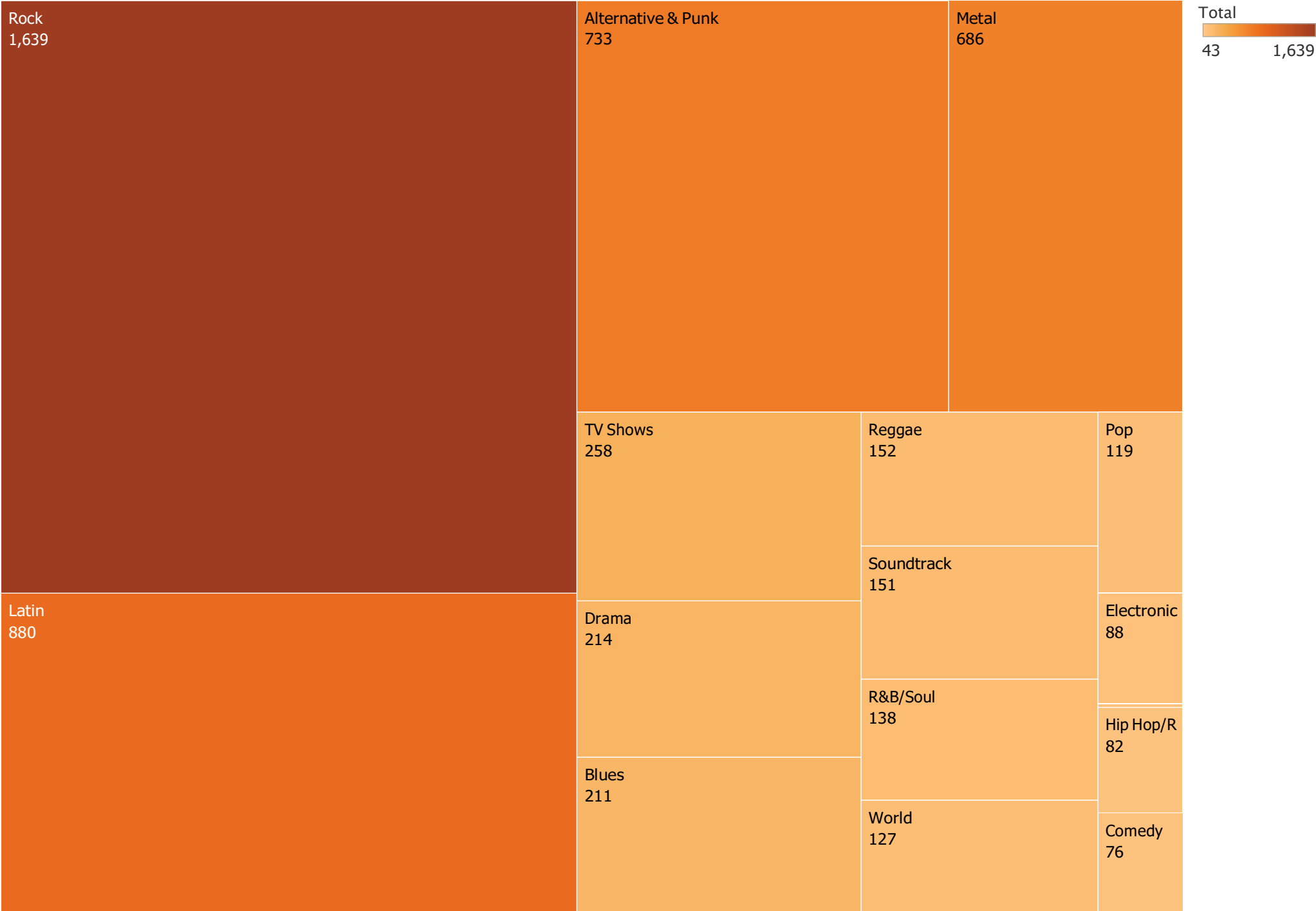


Total Sales by sales Genre comparison

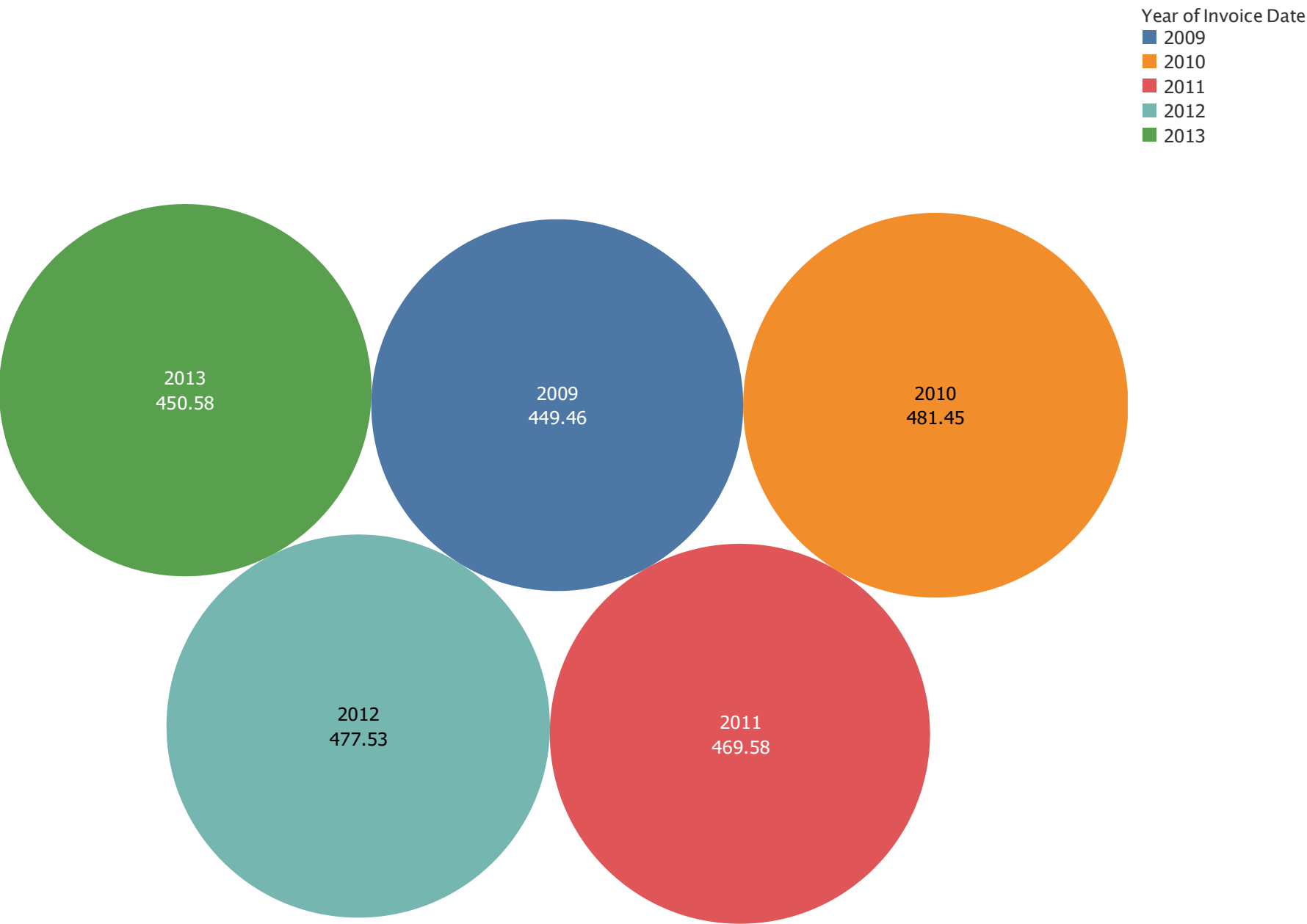


Sum of Total for each Name (genre). The marks are labeled by sum of Total.

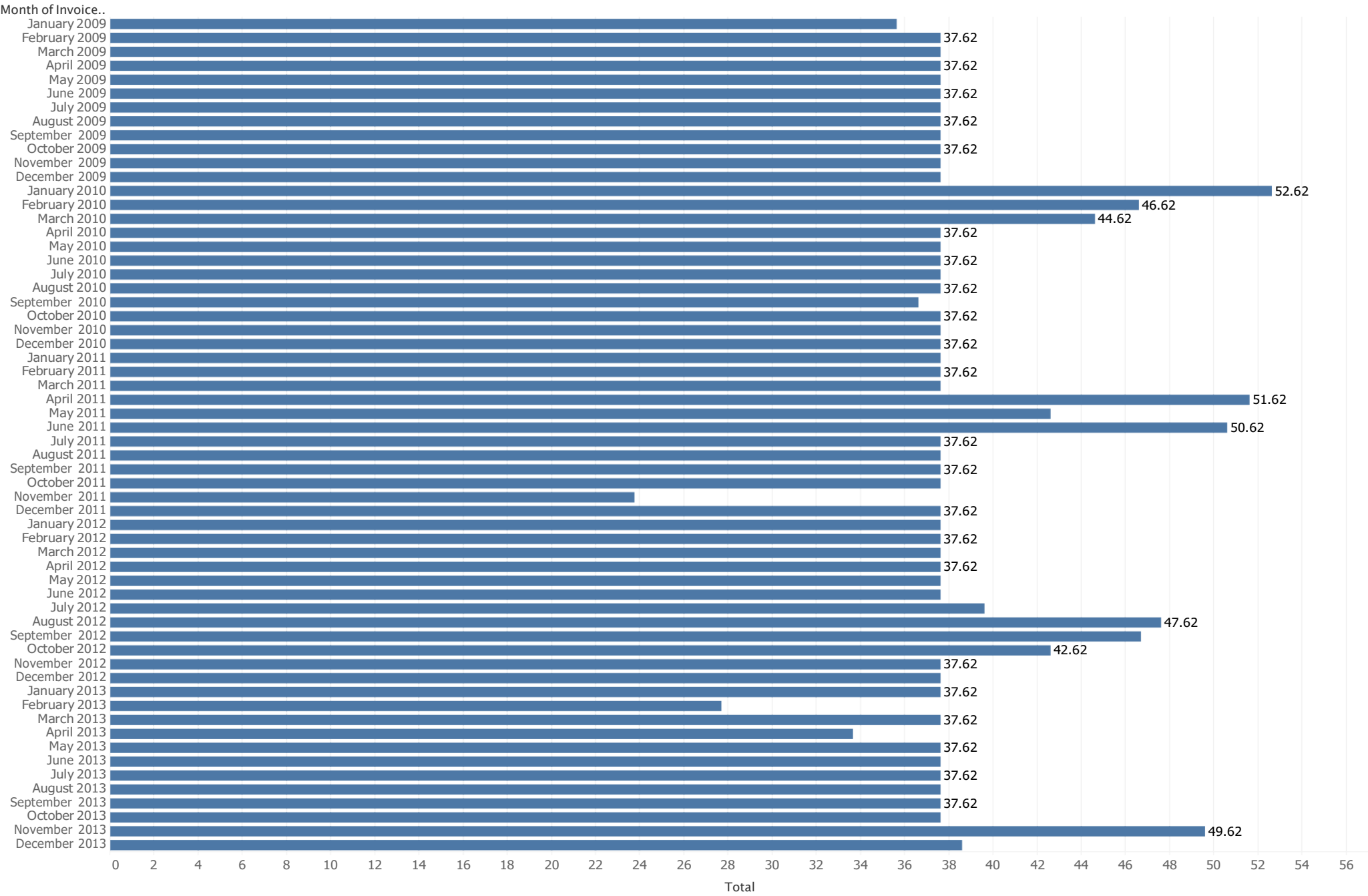
Total Sales by sales Genre composition



Total Sales by year



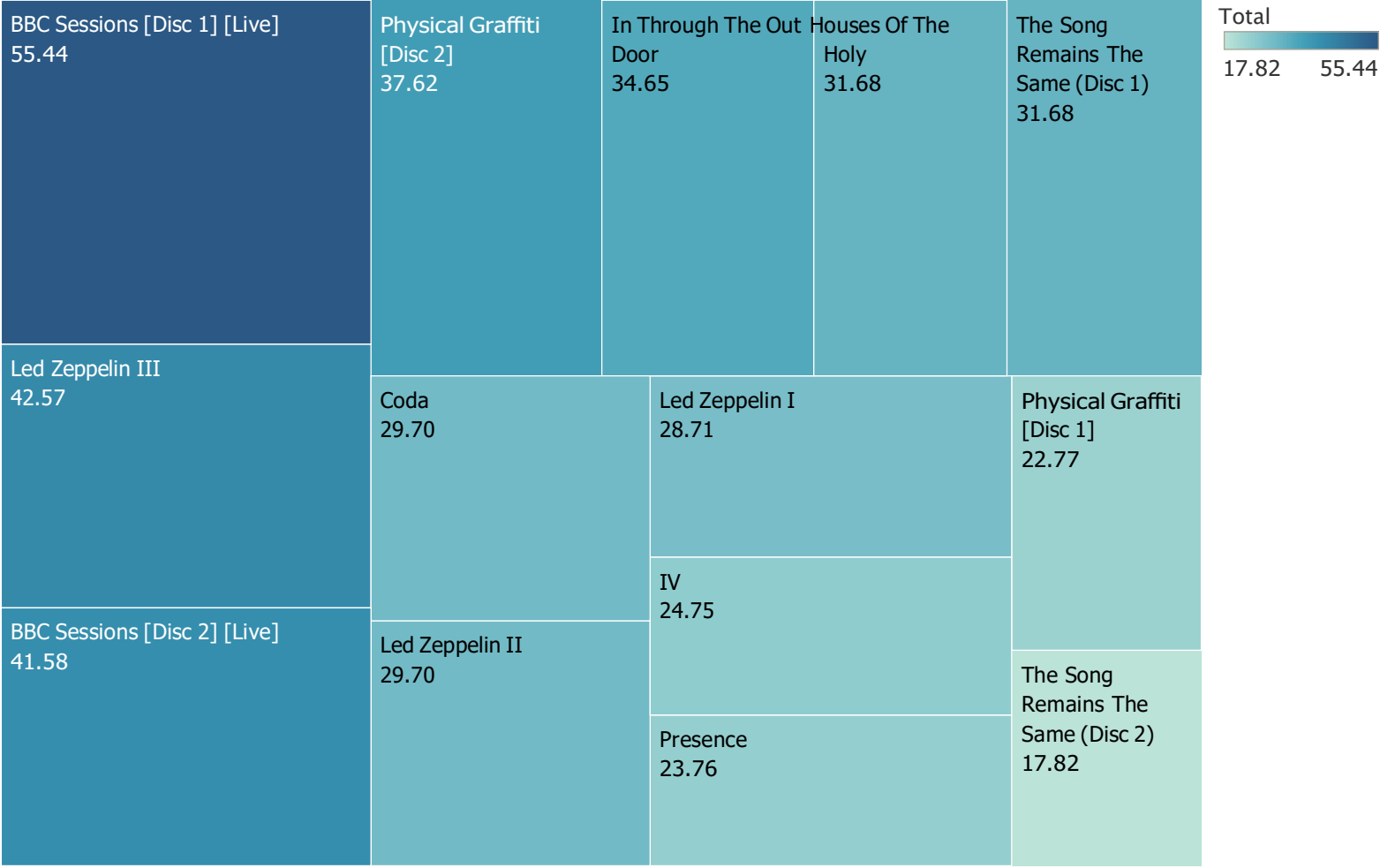
Total Sales by year month



Sum of Total for each Invoice Date Month. The marks are labeled by sum of Total.

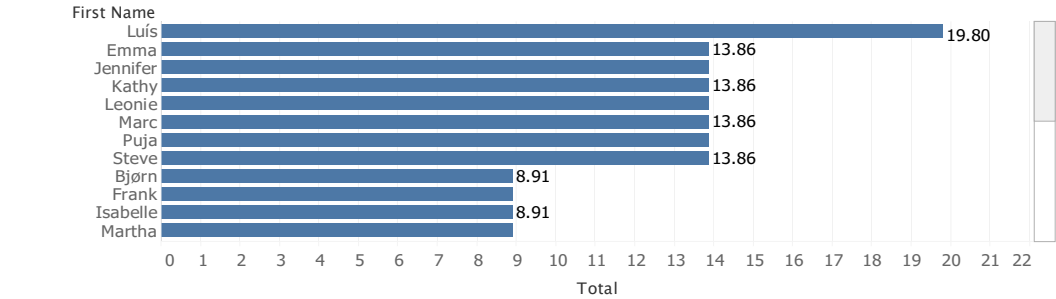


Total Sales by Led Zeppelin album

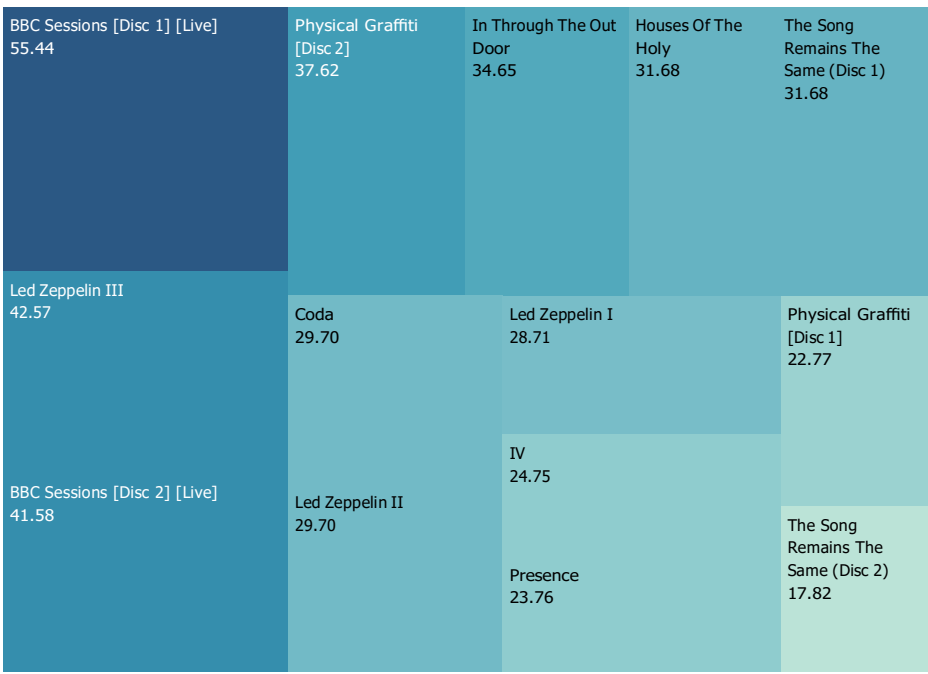


Title (album) and sum of Total. Color shows sum of Total. Size shows sum of Total. The marks are labeled by Title (album) and sum of Total. The data is filtered on Name (artist), which keeps Led Zeppelin.

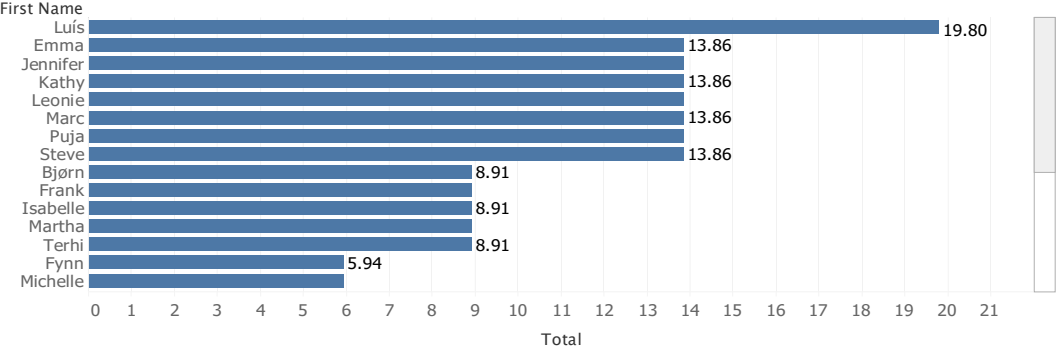
Total Sales by Led Zeppelin customer



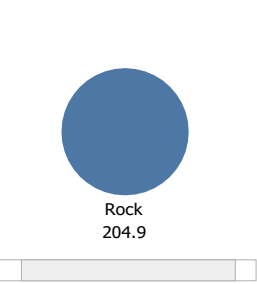
Total Sales by Led Zeppelin album



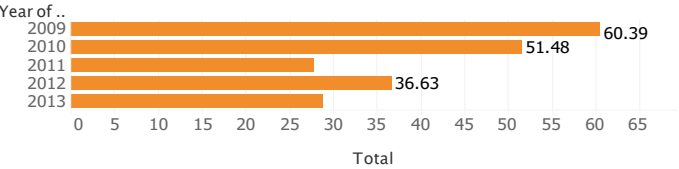
Total Sales by Led Zeppelin country



Total Sales by Led Zeppelin gener



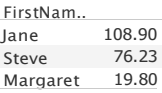
Total Sales by Led Zeppelin over time



Total Sales by Led Zeppelin



Total Sales by Led Zeppelin employee



Total Sales by Led Zeppelin media type

