

94K

SUM EMERGENCY DEP REVENUE

48

Count PNEUMONIA

39

COUNT MALARIA

300

diag count

87K

SUM OUTPATIENT DEP REVENUE

53

COUNT DIABETES

53

count typhoid

95K

SUM INPATIENT DEP REVENUE

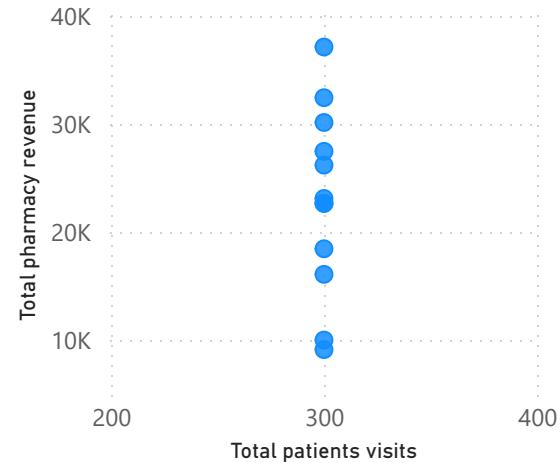
50

count hpyertension

56

count flu

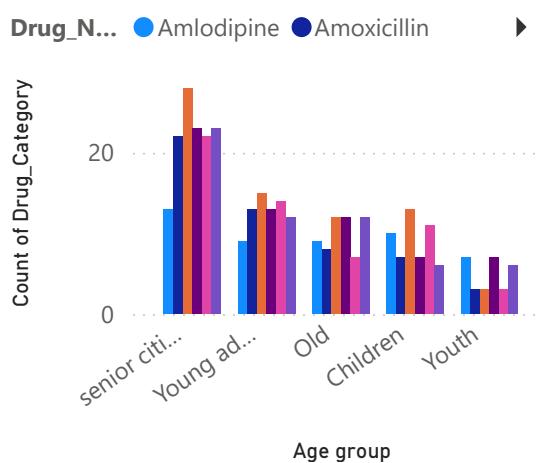
Total patients visits and Total pharmacy revenue by Month



1.41

AVG STAY DAYS

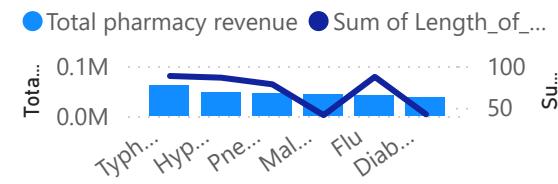
Count of Drug_Category by Age group and Drug_Name



300

Total patients visits

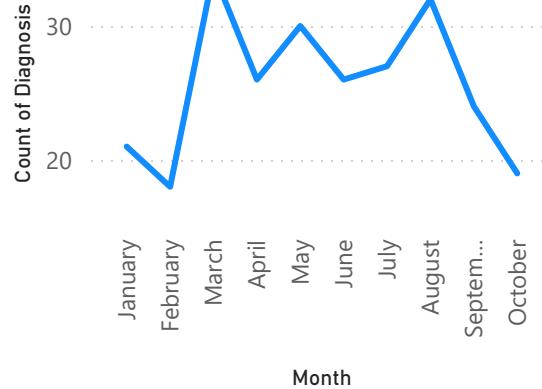
Total pharmacy revenue and Sum of Length_of_Stay_Days by Diagnosis



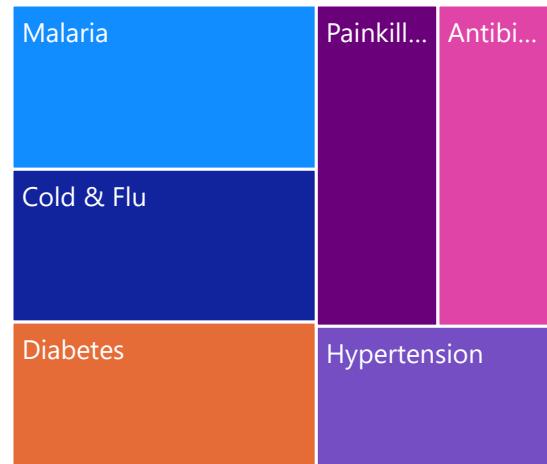
275K

Total pharmacy revenue

Count of Diagnosis by Month and Diagnosis



Sum of Total_Cost by Drug_Category



Department	Kiambu	Kisumu	Mombasa	Nairobi
Emergency	8583	21000	17010	
Inpatient	24994	8479	10259	
Outpatient	12959	16012	16328	
Total	46536	45491	43597	

Month

- January
- February
- March
- April

County

- Kiambu
- Kisumu
- Mombasa
- Nairobi

Kiambu

First County

Diagnosis

- Diabetes
- Flu
- Hypertension
- Malaria

HOSPITAL_PHARMACY_DASHBOARD

275K

Total pharmacy revenue

- Diagnosis
- Diabetes
 - Flu
 - Hypertension
 - Malaria

Month

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

300

Total patients visits

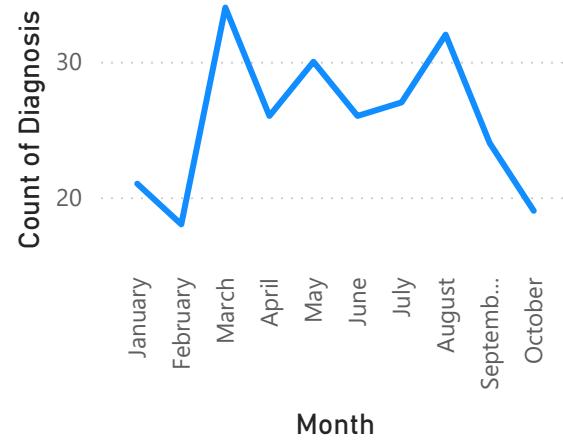
- County
- Kiambu
 - Kisumu
 - Mombasa
 - Nairobi

1.41

AVG STAY DAYS

Department	Kiambu	Kisumu	Mombasa	Nairobi	Nakuru	Uasin Gishu	Total
Emergency	8583	21000	17010	11820	12102	23392	93907
Inpatient	24994	8479	10259	14640	9139	27248	94759
Outpatient	12959	16012	16328	13935	8745	18762	86741
Total	46536	45491	43597	40395	29986	69402	275407

Count of Diagnosis by Month and Diagnosis



Sum of Total_Cost by Drug_Category



This report is about analysis done on a hospital-pharmacy dataset. The main information in this dataset include Patient's ID, Name, Gender, County.

The dataset also contains records the pharmacy transactions and visits.

The purpose of this analysis is to identify the common diseases and how they are spread cross the counties, find out the relationship between hospital revenue and number of visits, the relationship between the diagnosis and the length of stay days.

From the analysis .

- 1.The total revenue is 275k, Total number of visits is 300 and the average length stay days is 1.41.
- 2.A high number of diagnosis happened in March and September.
- 3.Flu is the most common diagnosed illness.
- 4.Uasin Gishu had the highest pharmacy revenue while Nakuru had the least.
- 5.A high number of visits leads to high pharmacy revenue.
- 6.Flu has long stay days but low pharmacy revenue.
- 7.The inpatient department had the highest revenue-94759.
- 8.Based on the drug category Malaria has the highest total cost -54950.
- 9.Age affects the prescription given.

Conclusion

This analysis provides the hospital with key insights on how diseases are spread across the counties, diagnosis and length of stay days Diagnosis among various age groups, hospital visits and revenue and they help the hospital make important decisions.