PROJECT GROUP – 10

HOSPITAL MANAGEMENT SYSTEM

VISUALIZATION REPORT

1. PATIENT TEST

The patient test visualization displays the percentages of medical tests taken by the patients.
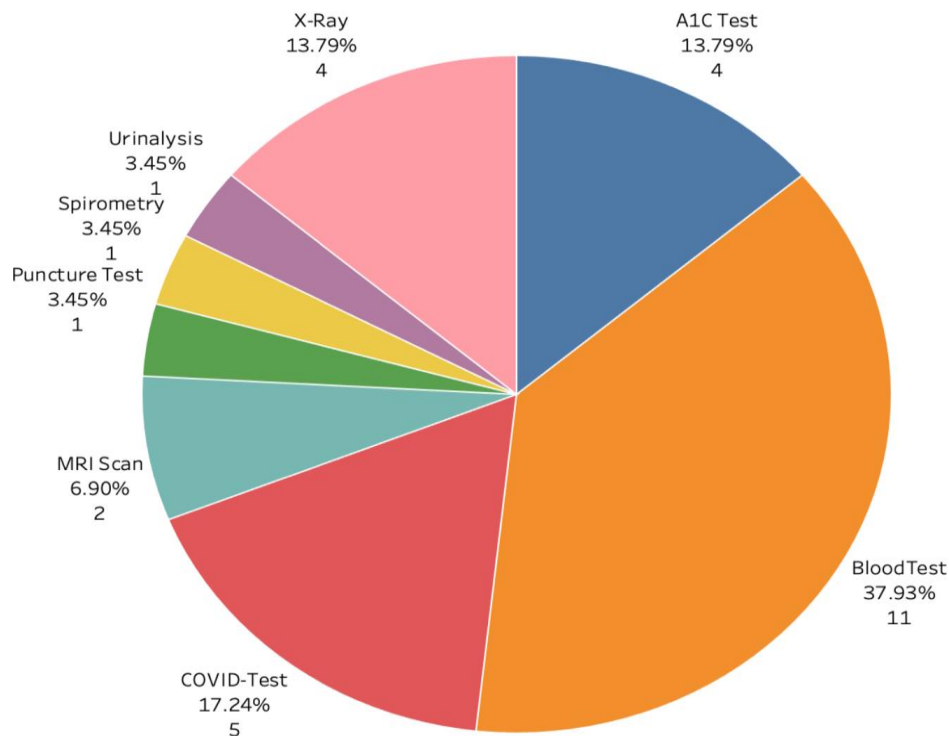

Figure 1:Patient test visualization

2. INVENTORY STOCK:

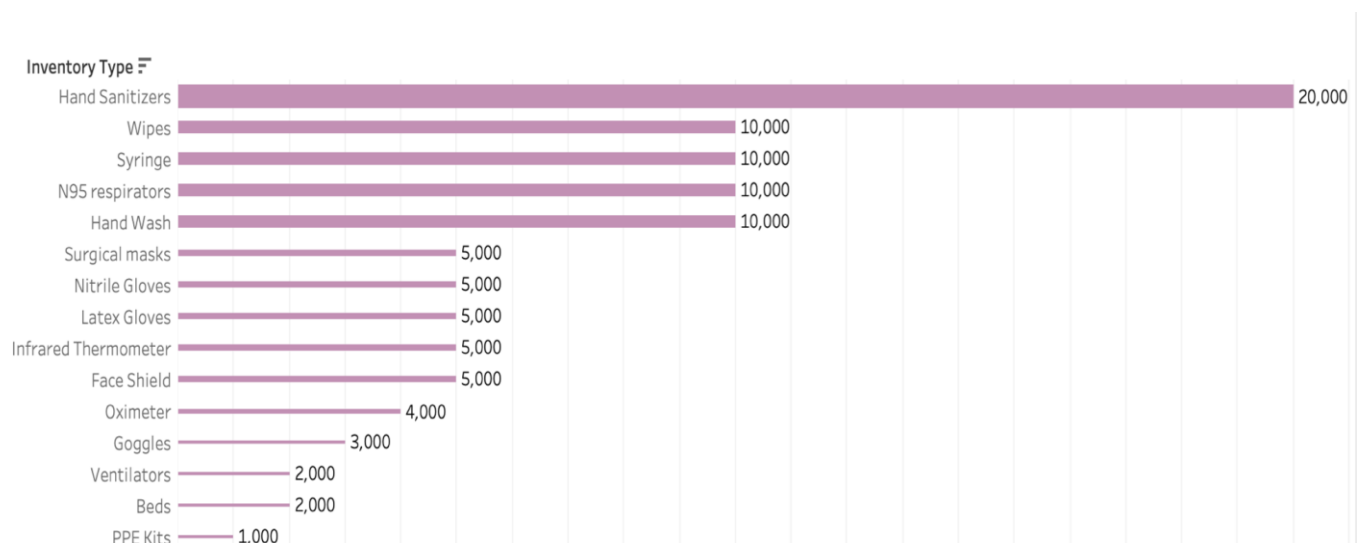The inventory stock visualization displays the quantity of each tock present in the Inventory.

Figure 2:Inventory stock visualization

3. NUMBER OF PATIENTS PER DAY:

The number of patients per day visualization displays the number of inpatients and outpatients arriving in the hospital every day.
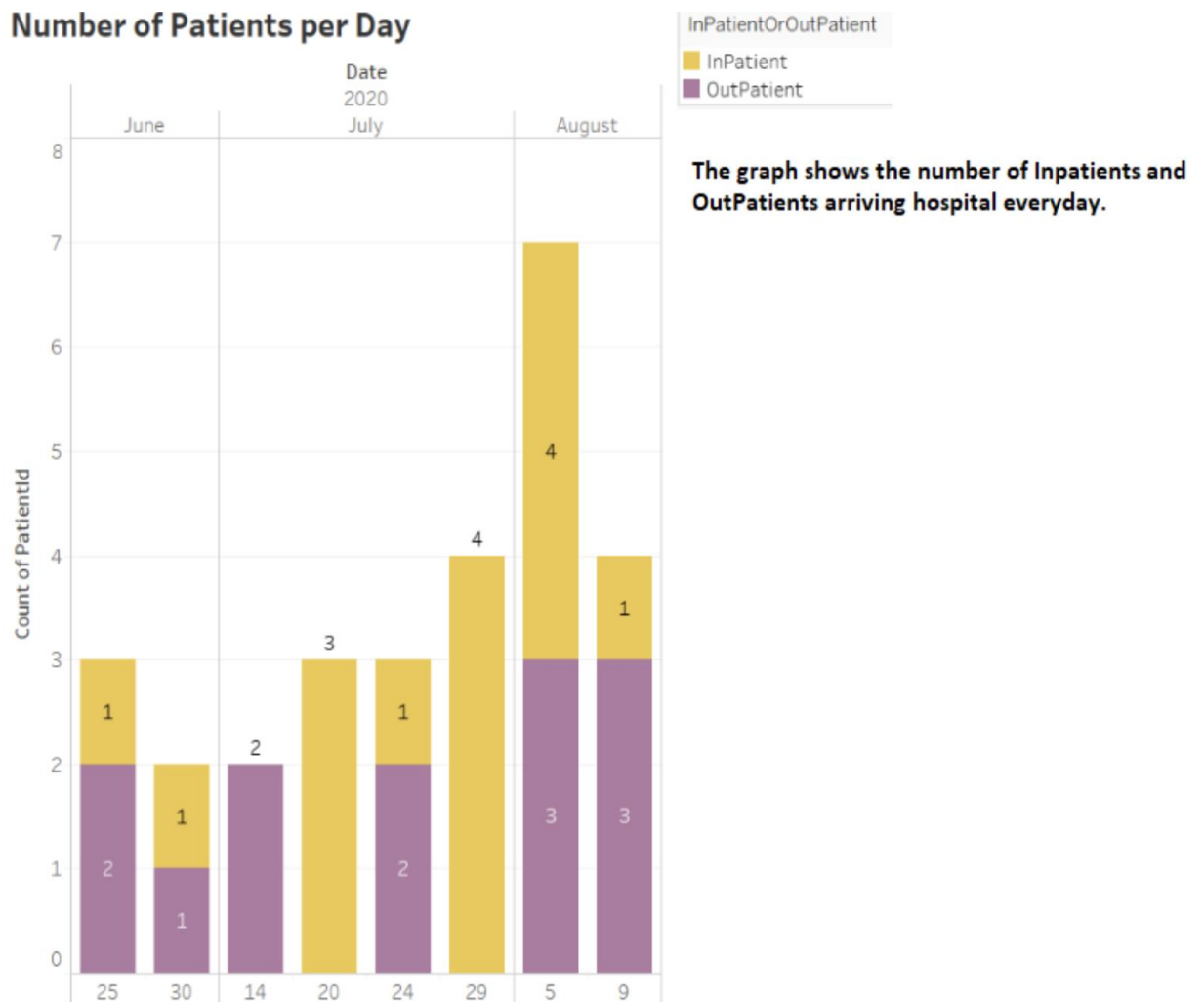

Figure 3: Number of patients per day visualization

4. AGE DISTRIBUTION AND DIAGNOSIS OF PATIENT WITH RESPECT TO THEIR AGE

The visualization, Figure 4 displays the number of diagnosed patients within an age group. Age group 20 contains all patients of age 20 to 29. Similarly, for age group 30,40 and 50. Figure 5 displays the patient's diagnosis with respect to their age.
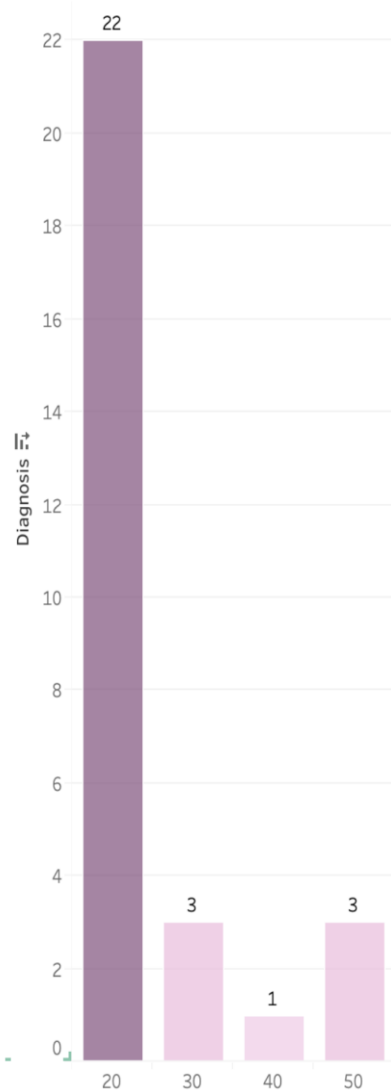

Figure 4: Age group of patients diagnosed visualization

Age	Diagnosis	
20	Anemia	1
	Cancer	2
	COVID	2
	Road Accident	1
21	COVID	1
22	Diabetes	1
	Urinary tract infection	1
23	Allergy	1
	Anemia	2
	Cancer	1
	Hemophilia	3
	Pain in joint	1
	Road Accident	1
25	Anxiety	1
	COVID	2
	Obesity	1
30	COVID	1
31	COVID	1
35	Back pain	1
45	Cataract	1
50	COVID	1
	Leg Fracture	1
55	Asthma	1

Figure 5: Diagnosis with respect to age visualization

5.   STATE-WISE DISEASE DISTRIBUTION:

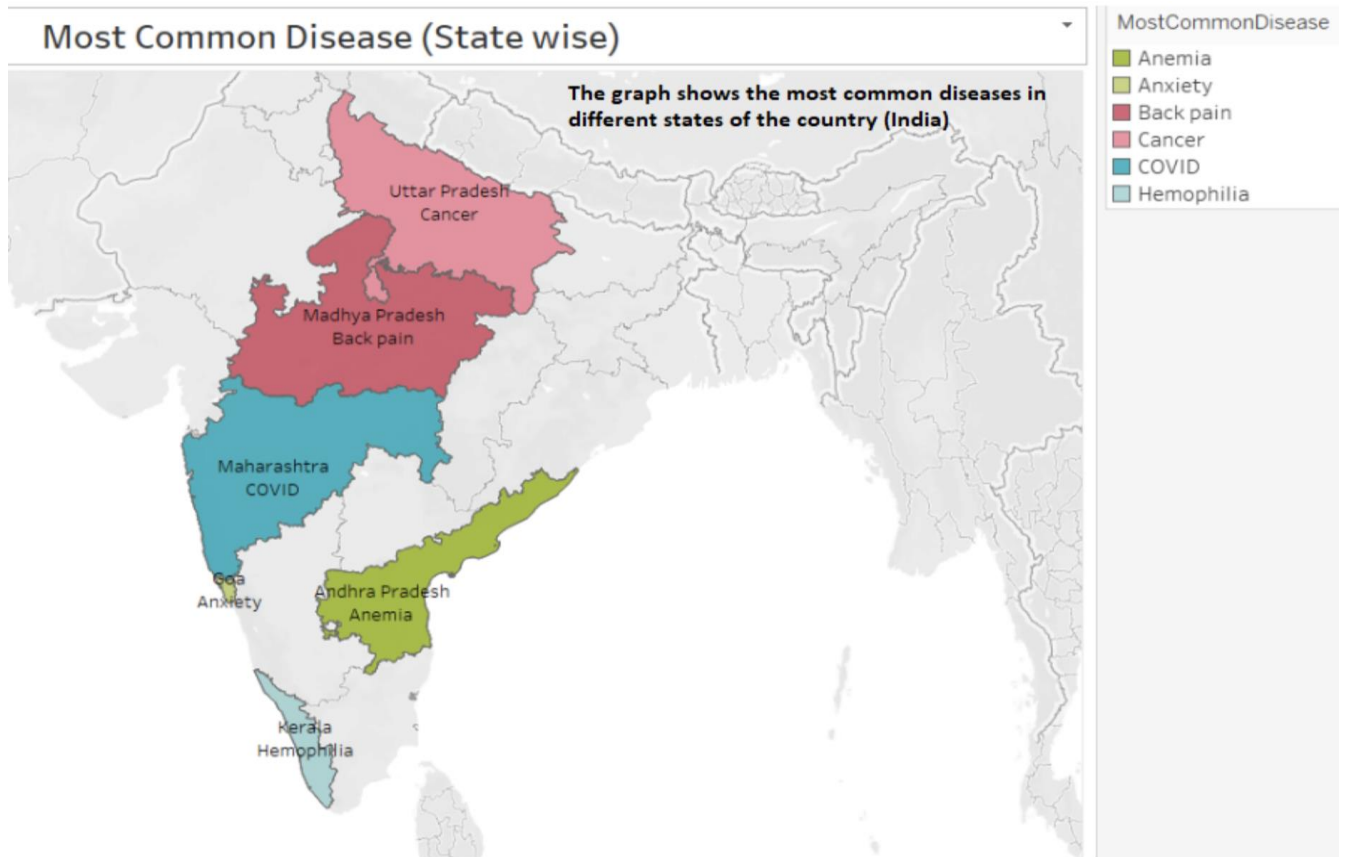The visualization displays the most common disease per state in India.

Figure 6: State-wise disease visualization

6. QUANTITY AVAILABLE PER BLOOD GROUP:

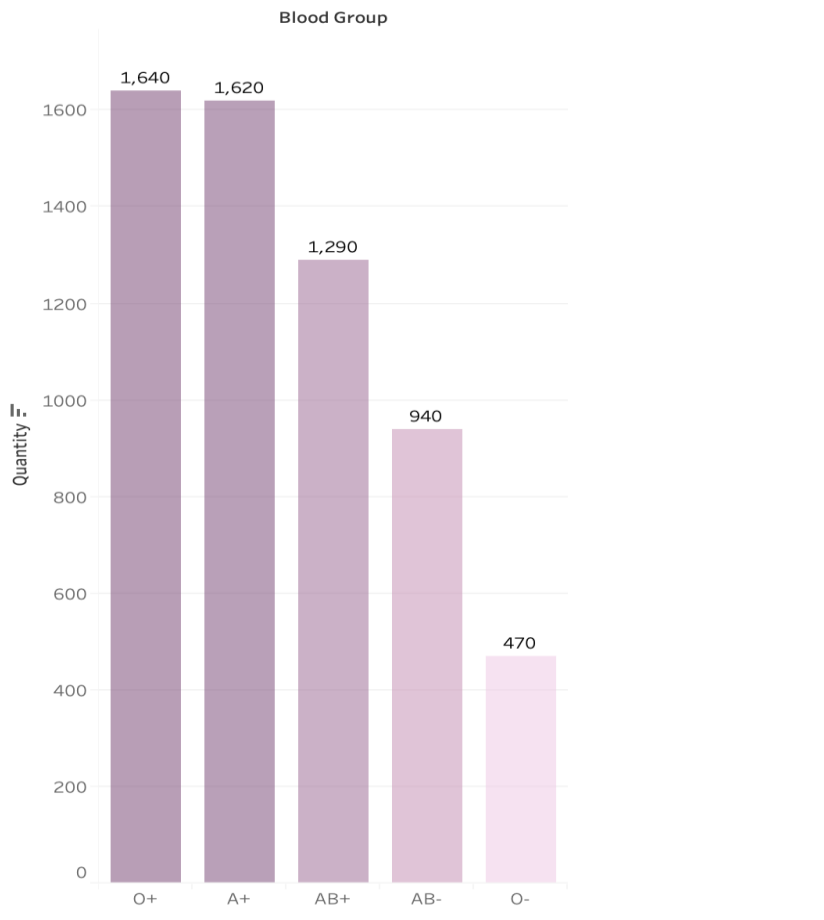The visualization shows the quantity of blood available per blood group.

Figure 7: Quantity of blood available per blood group visualization