

PROJECT DEVELOPMENT PHASE FINAL DELIVERABLES

TEAM ID :PNT2022TMID01180

BATCH NO: B5-5MIE

PROJECT: Analytics For Hospital Health care Data

Date :14 Nov 2022

The background features a light blue gradient with various medical icons scattered throughout. These include several capsules in different colors (brown, pink, teal), a blister pack containing eight pink capsules, a pink digital thermometer displaying '36.7', a pink clipboard with a teal stethoscope resting on it, and several pink plus signs. The main title is centered in the upper half of the image.

ANALYTICS FOR HOSPITAL'S **HEALTH - CARE DATA**

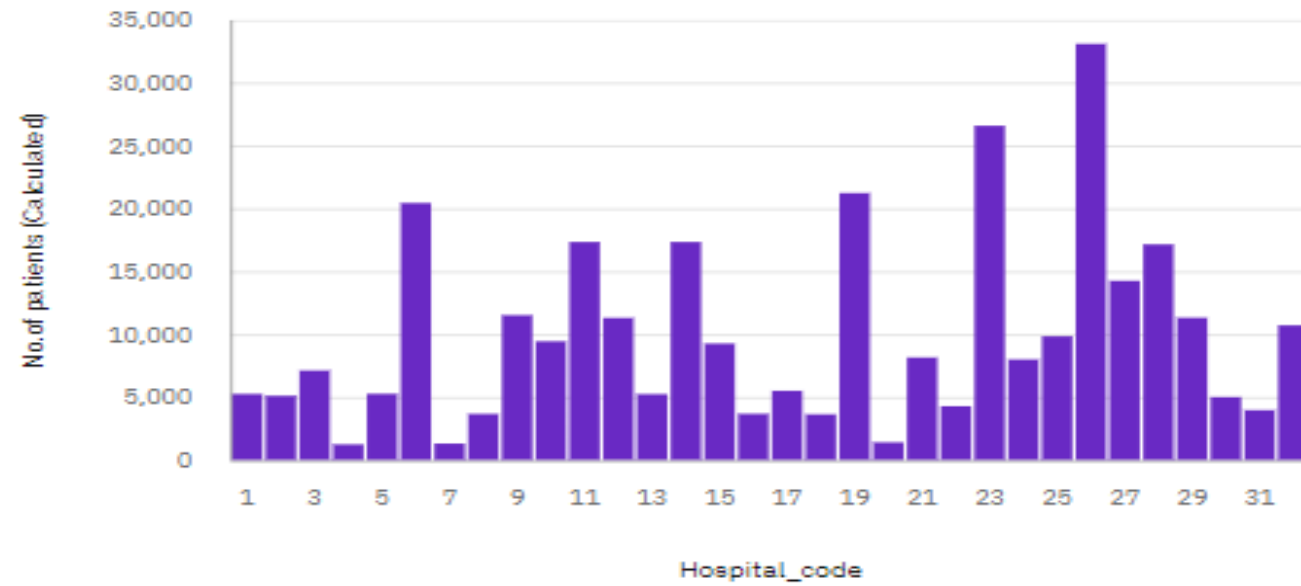
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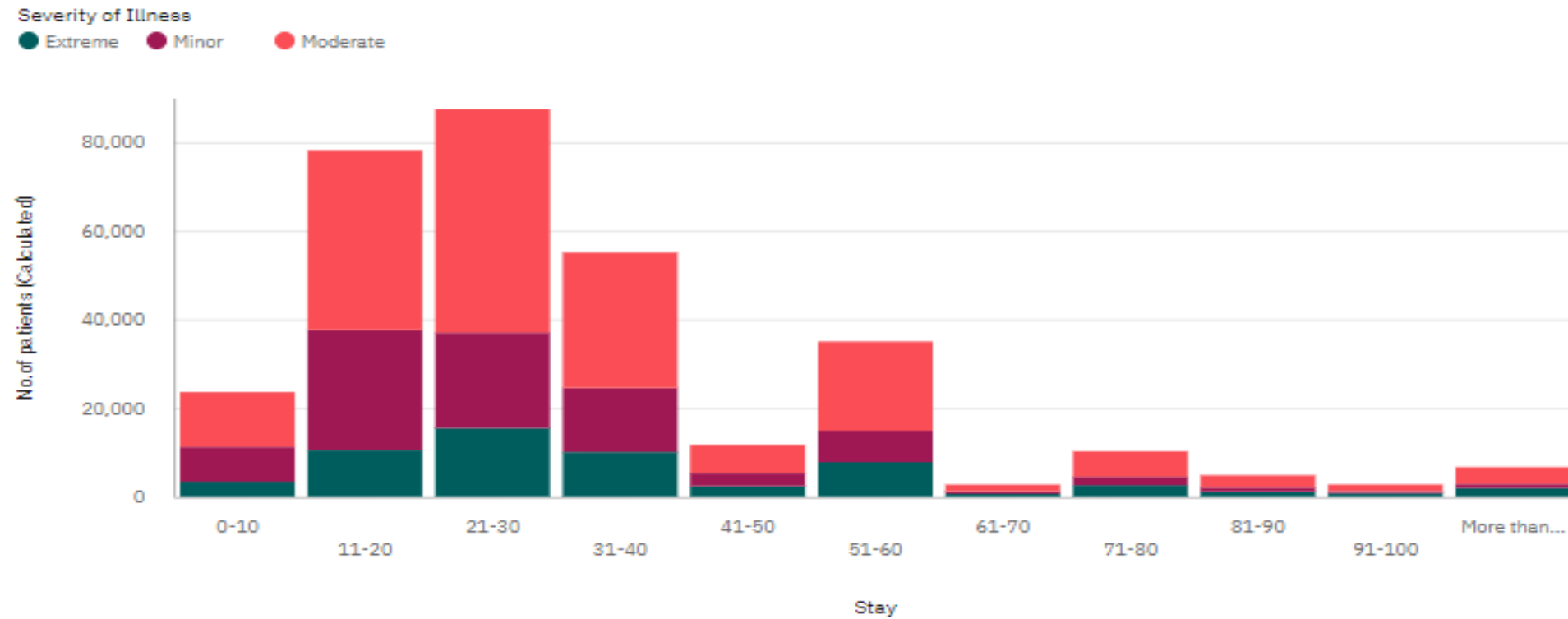
VISUALIZATION

No.of patients by Hospital_code



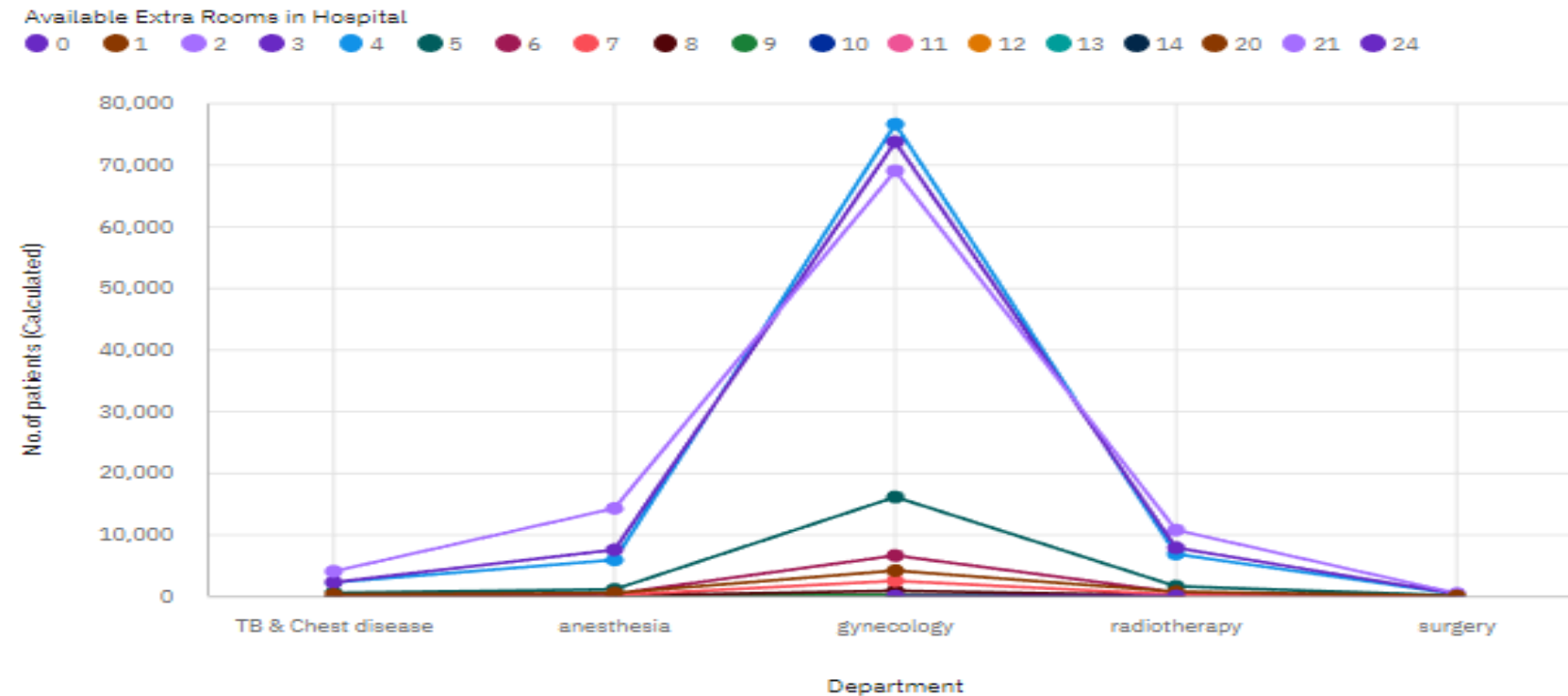
NO OF PATIENTS TO STAY COLORED BY SEVERITY OF ILLNESS

No. of patients by Stay colored by Severity of Illness

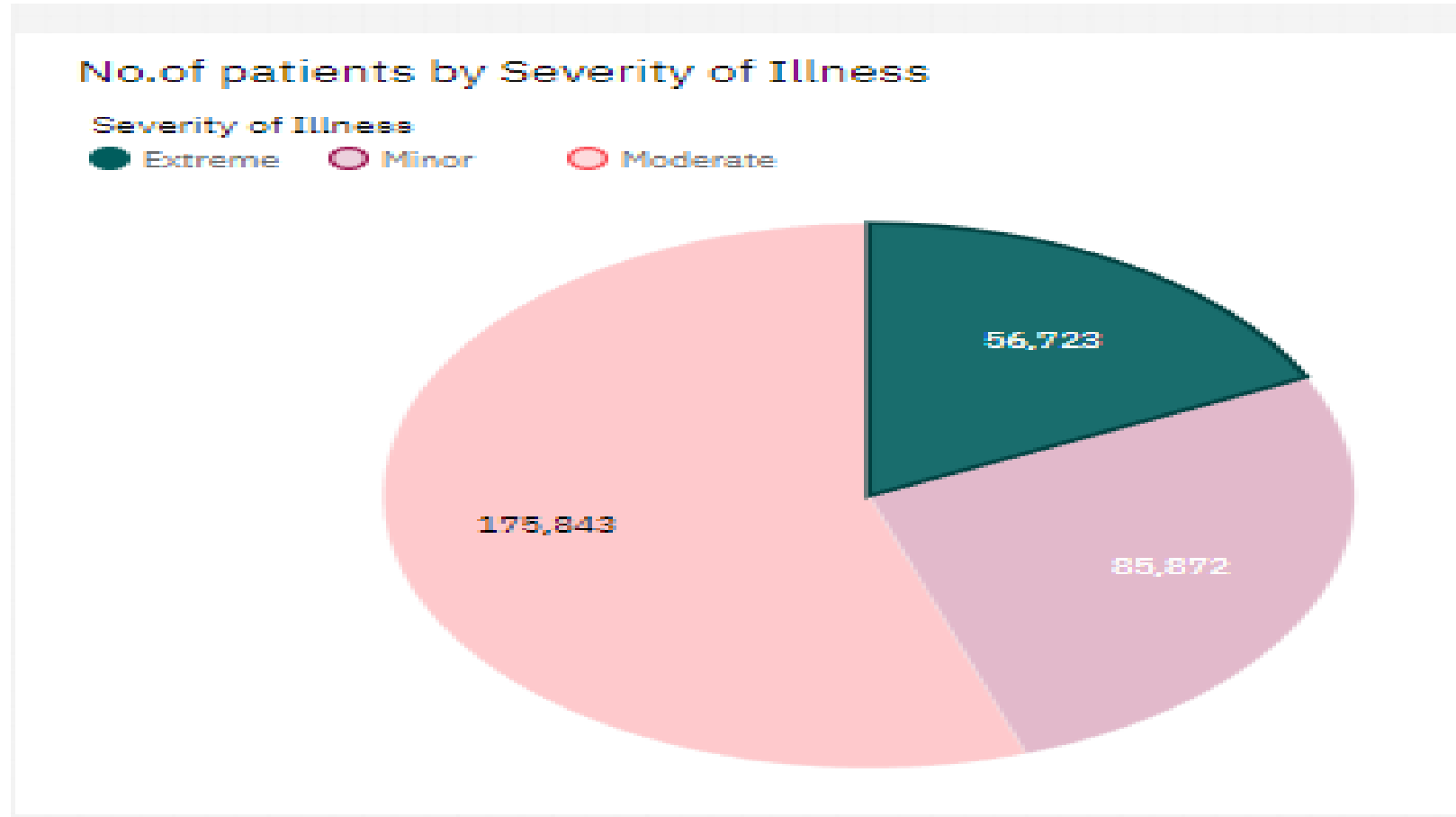


NO OF PATIENTS BY DEPARTMENT COLORED BY
AVAILABLE EXTRA ROOMS IN HOSPITAL

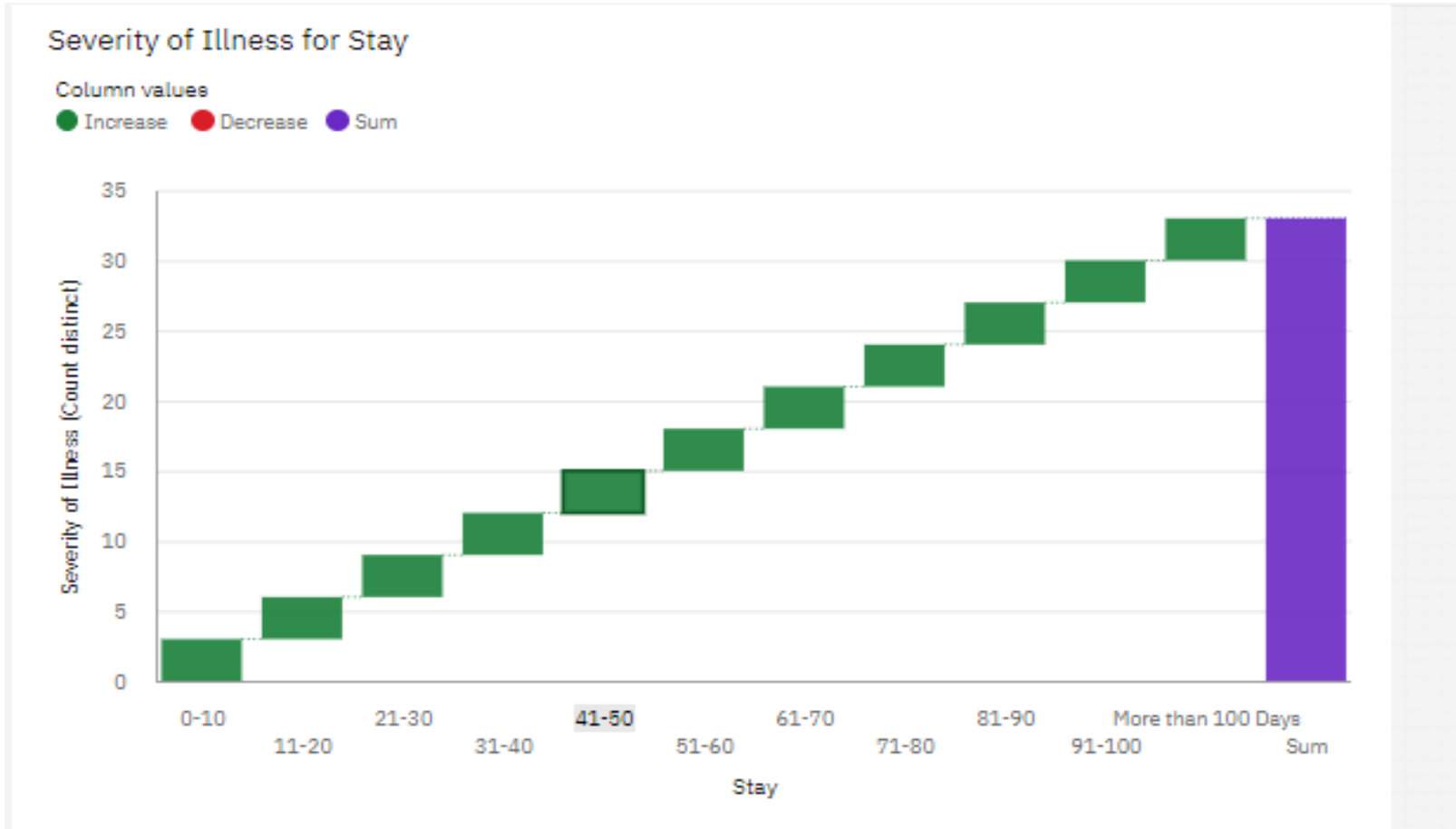
No.of patients by Department colored by Available Extra Rooms in Hospital



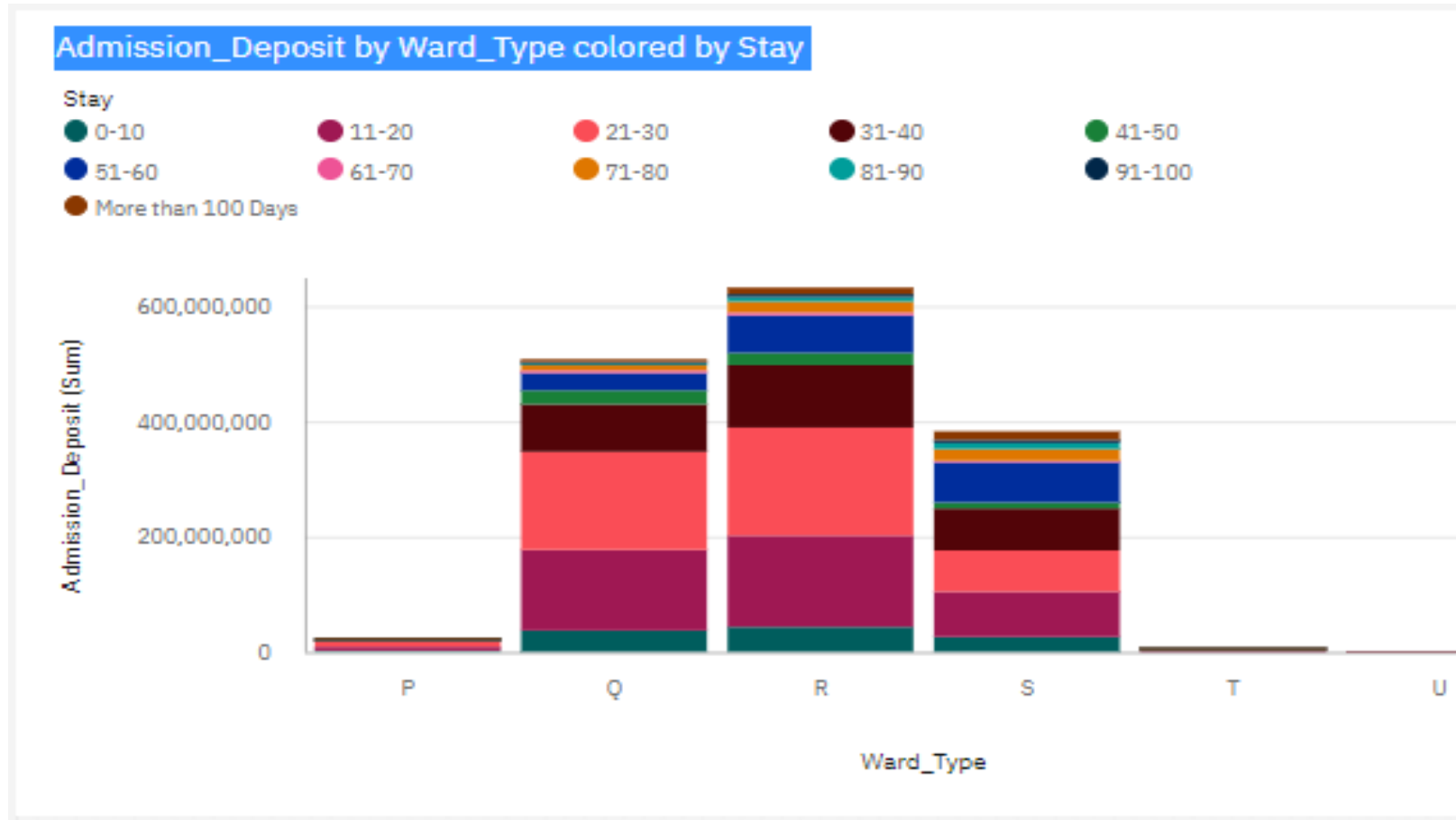
NO OF PATIENTS BY SEVERITY OF ILLNESS



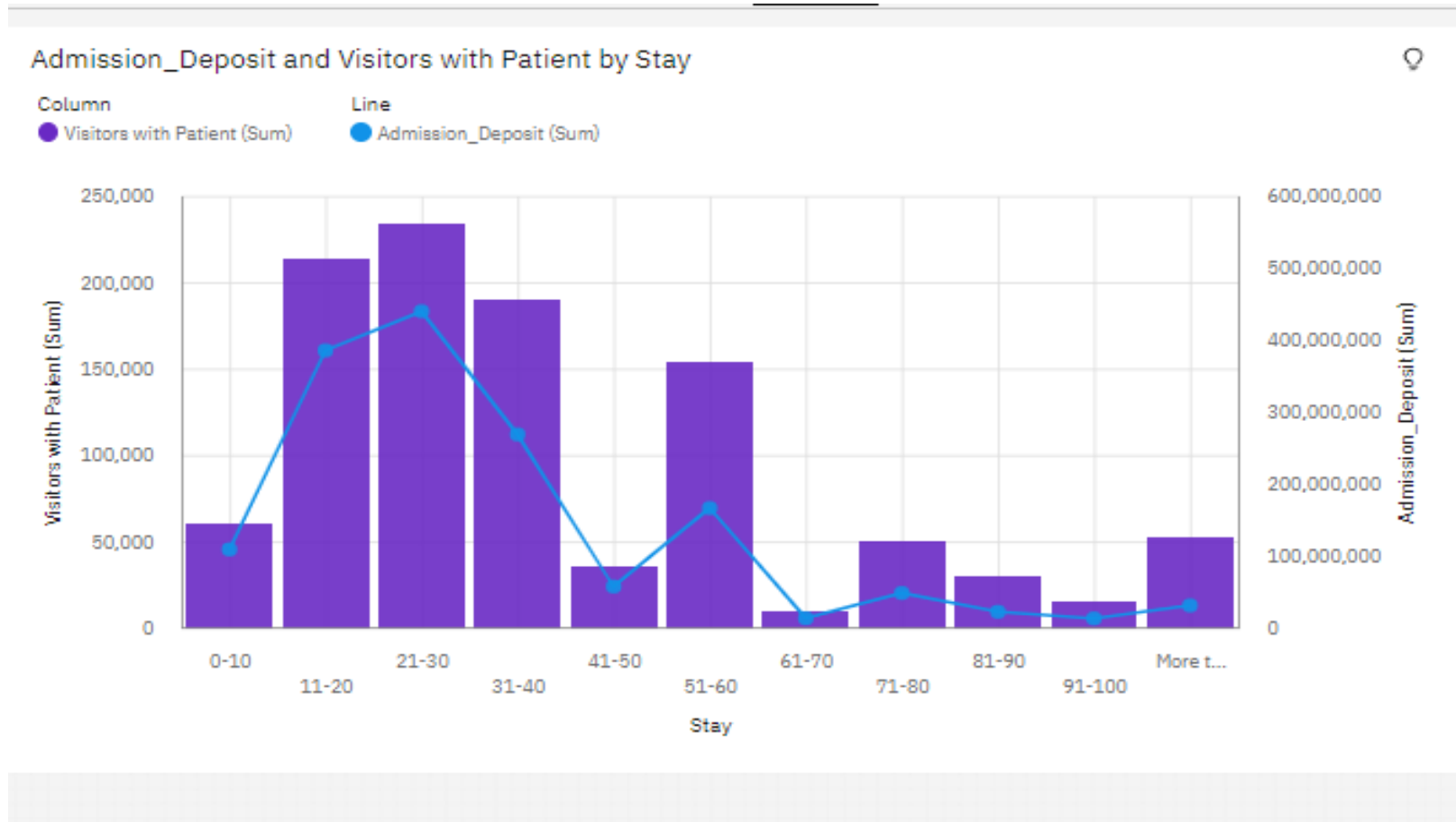
SEVERITY OF ILLNESS FOR STAY



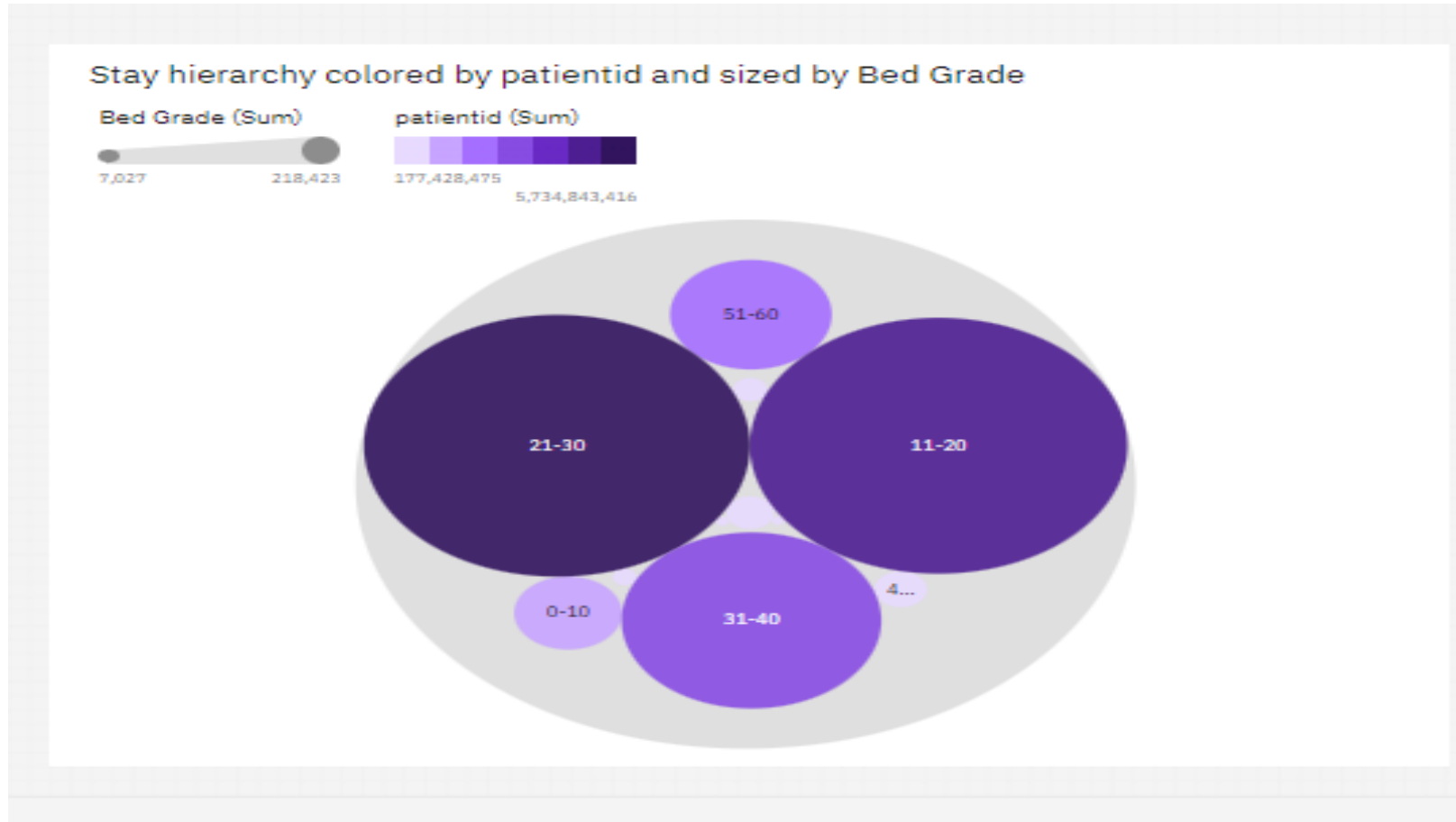
ADMISSION DEPOSIT BY WARD TYPE COLORED BY STAY



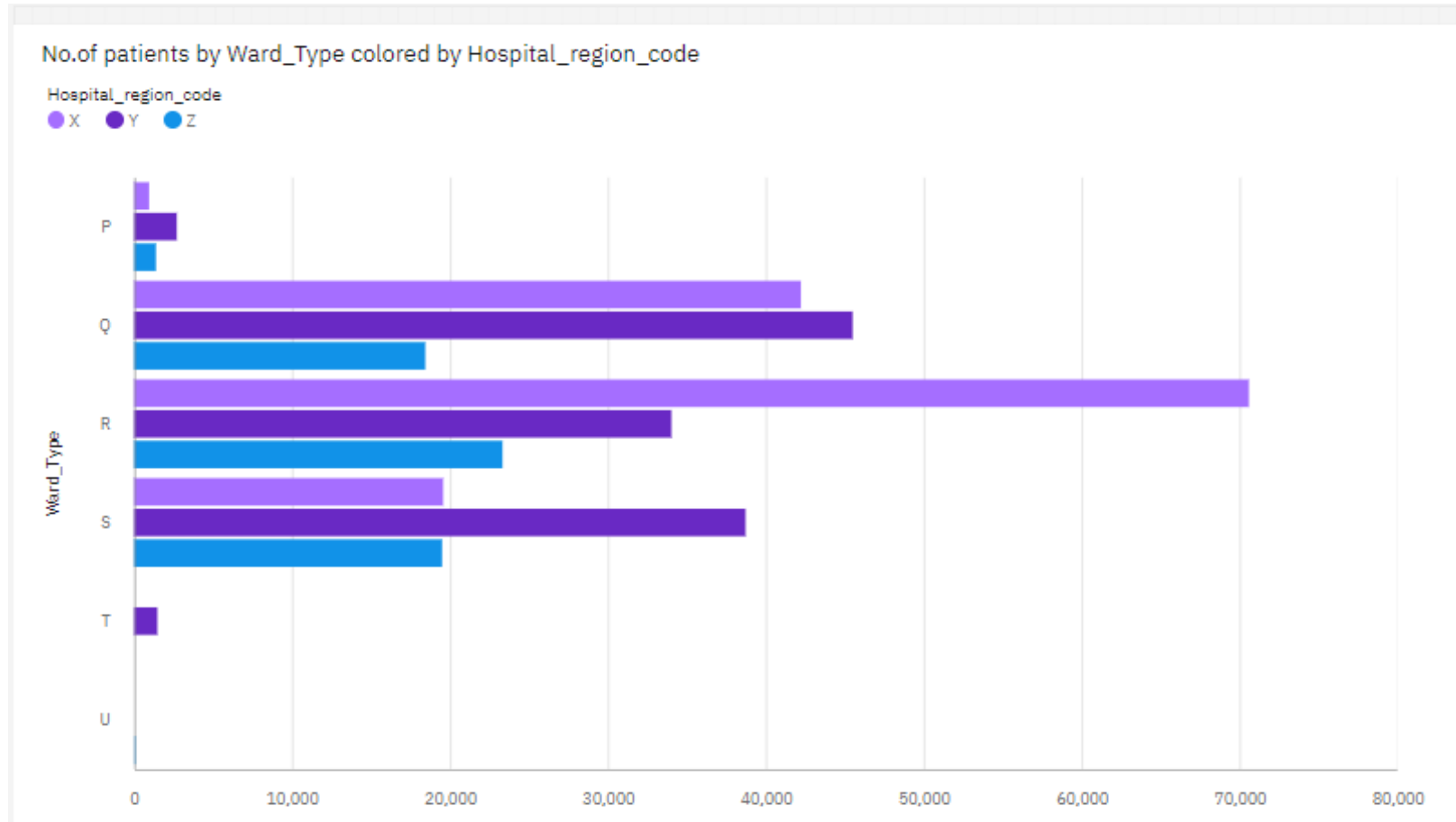
ADMISSION DEPOSIT AND VISITORS WITH PATIENT BY STAY



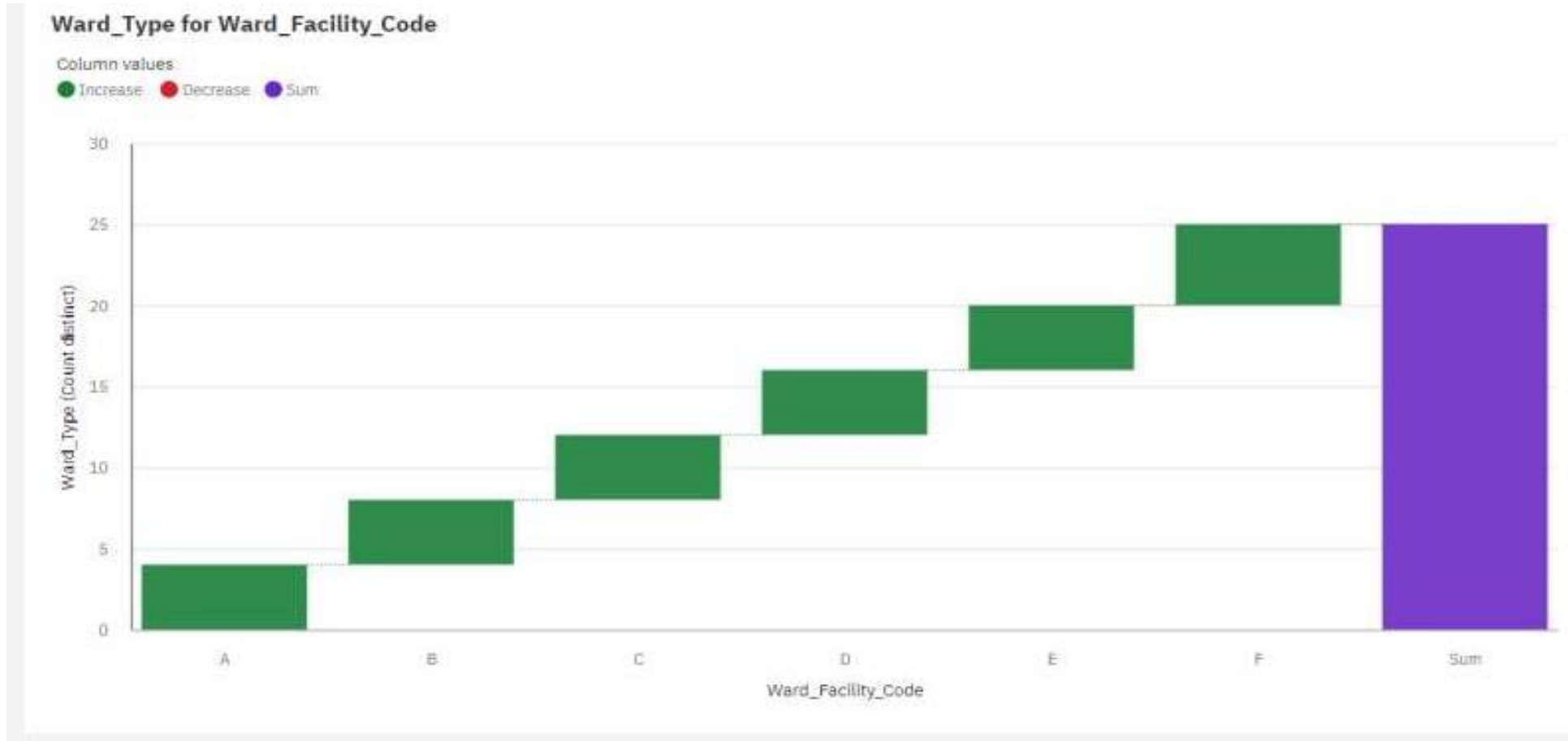
STAY HIERARCHY COLORED BY PATIENT ID AND SIZED BY BED GRADE



NO OF PATIENTS BY WARD TYPE COLORED BY HOSPITAL REGION CODE

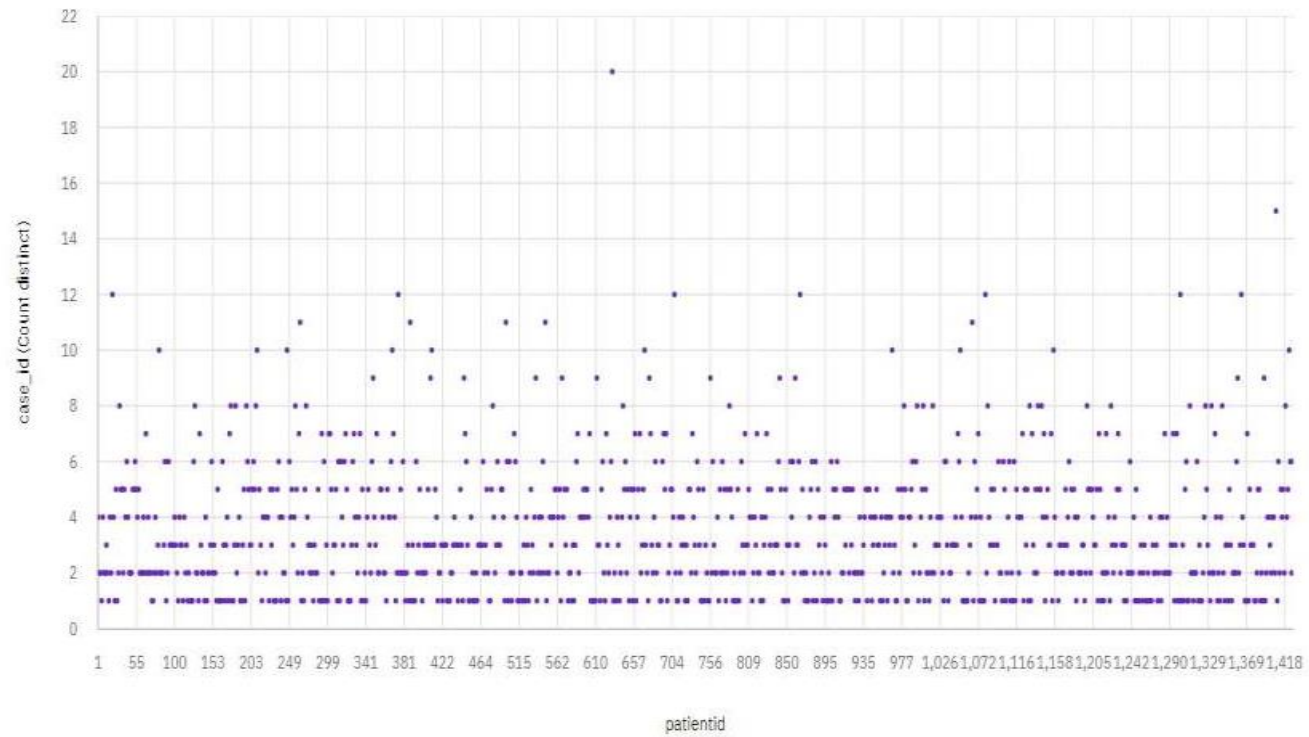


WARD TYPE FOR WARD FACILITY CODE

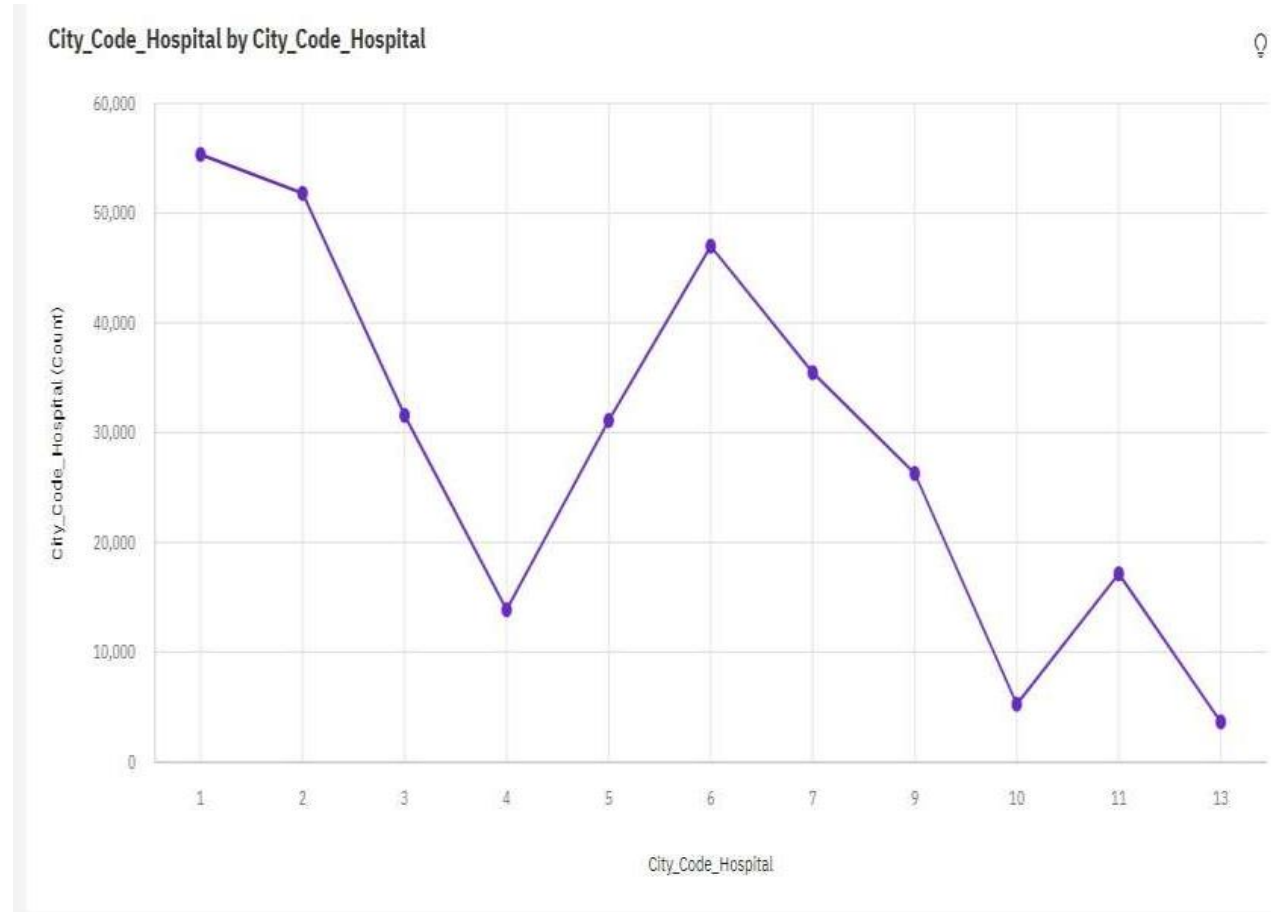


CASE ID BY PATIENT ID

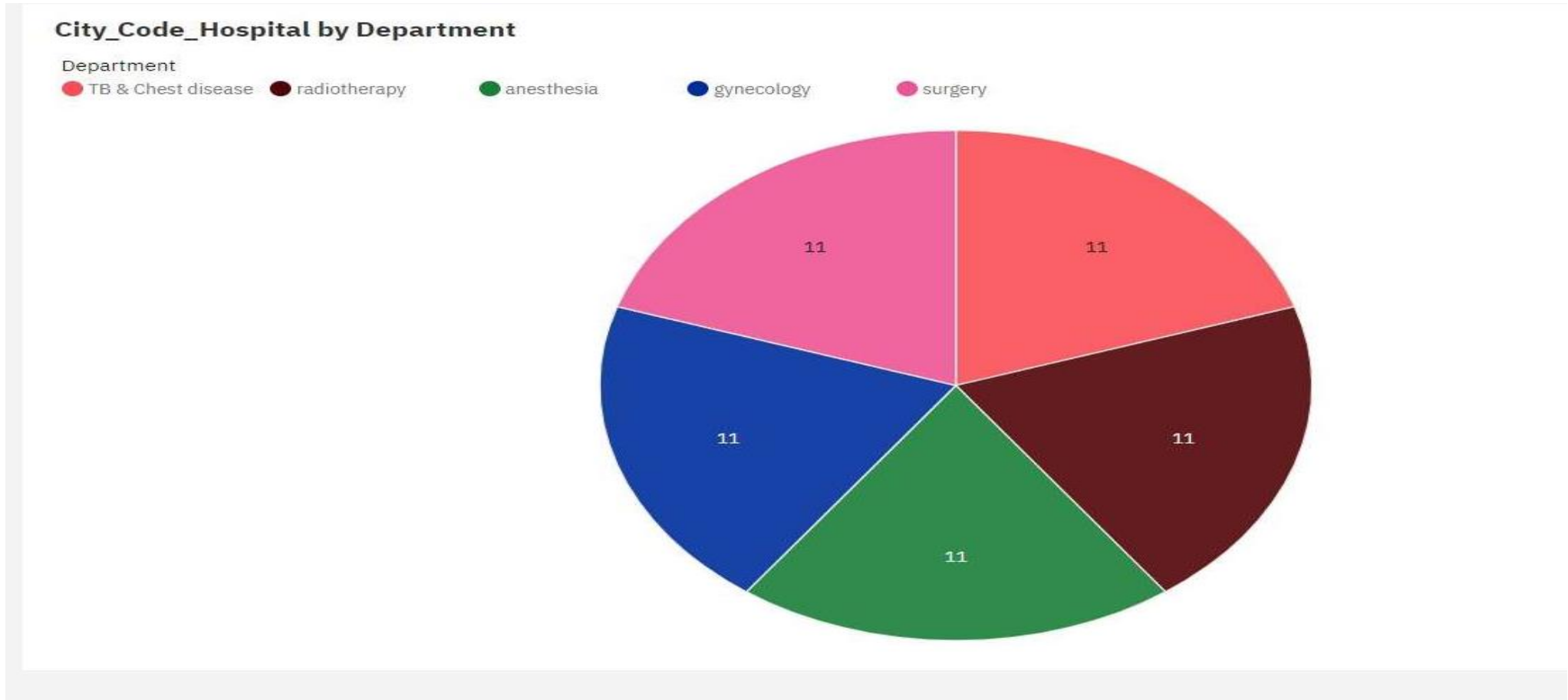
case_id by patientid

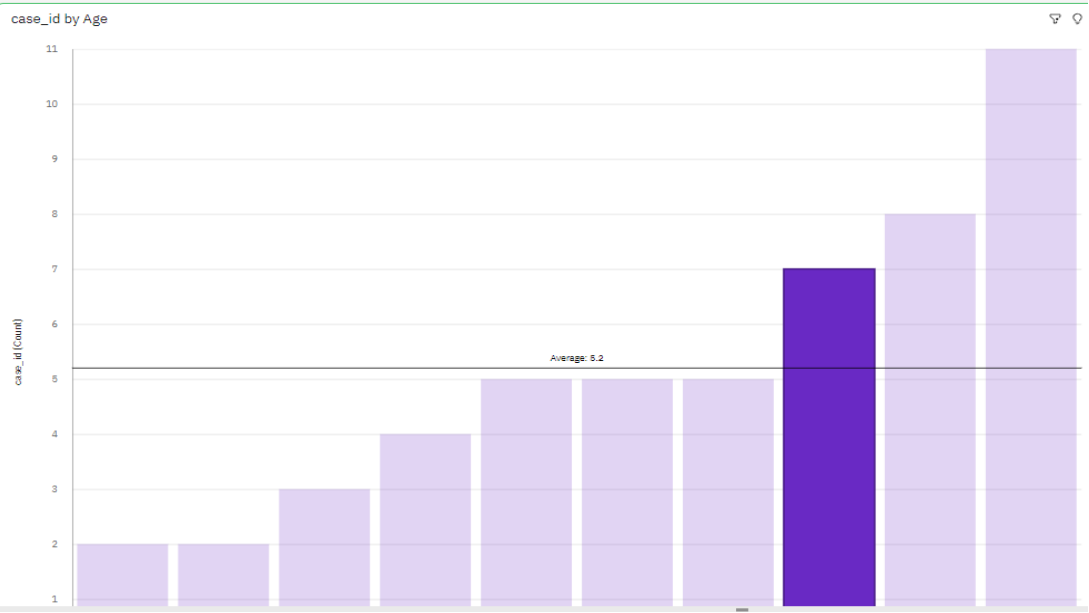
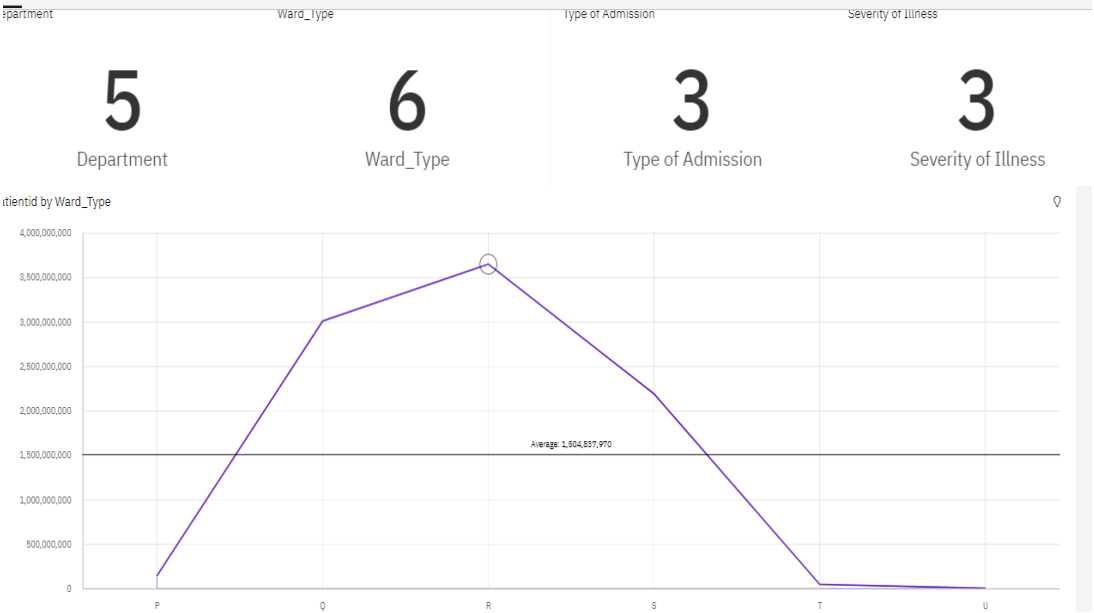


CITY CODE HOSPITAL BY CITY CODE HOSPITAL

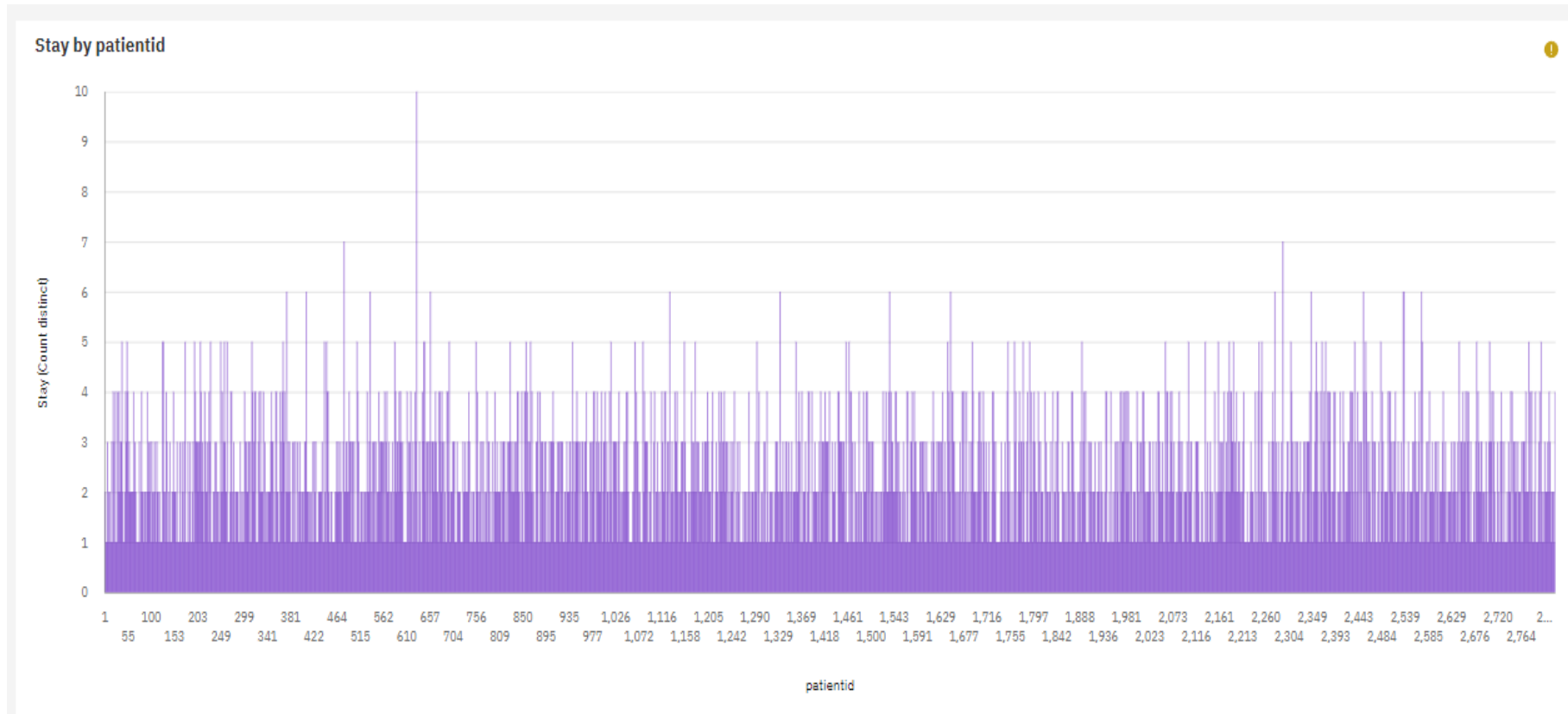


CITY CODE HOSPITAL BY DEPARTMENT





STAY BY PATIENT



PATIENT ID FOR SEVERITY OF ILLNESS HIERARCHY



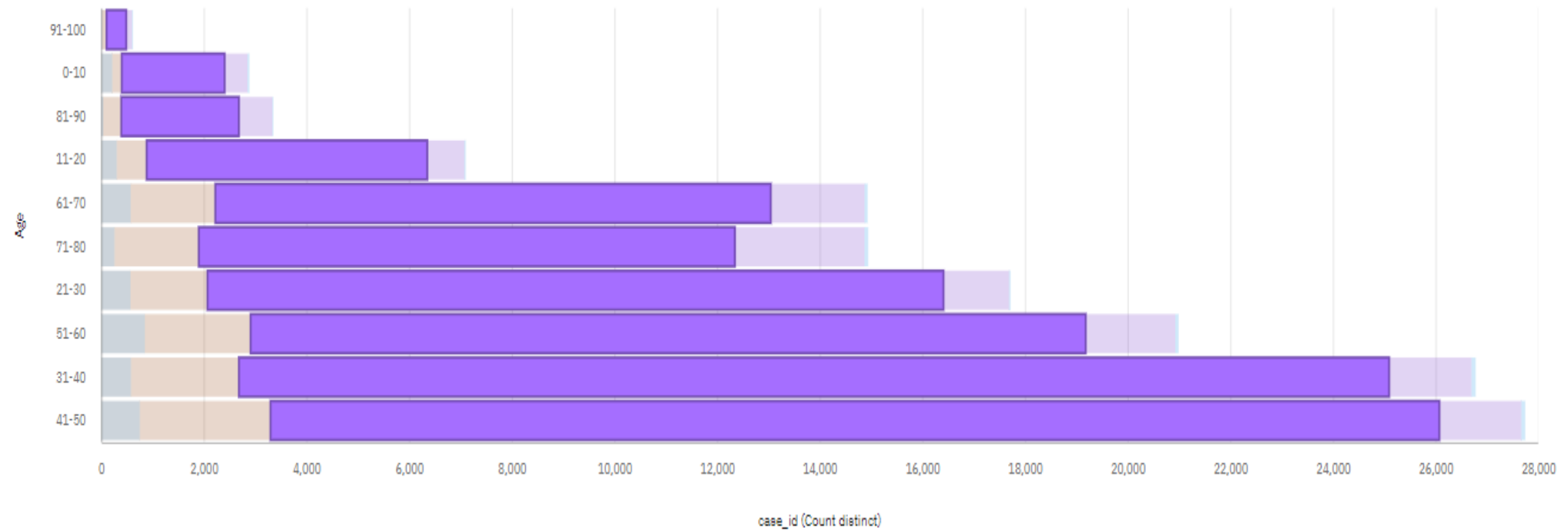
DEPARTMENT AND AGE

Department and Age	
Age	Department
31-40	anesthesia
	gynecology
	radiotherapy
	surgery
41-50	TB & Chest disease
	anesthesia
	gynecology
	radiotherapy
51-60	surgery
	TB & Chest disease
	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease

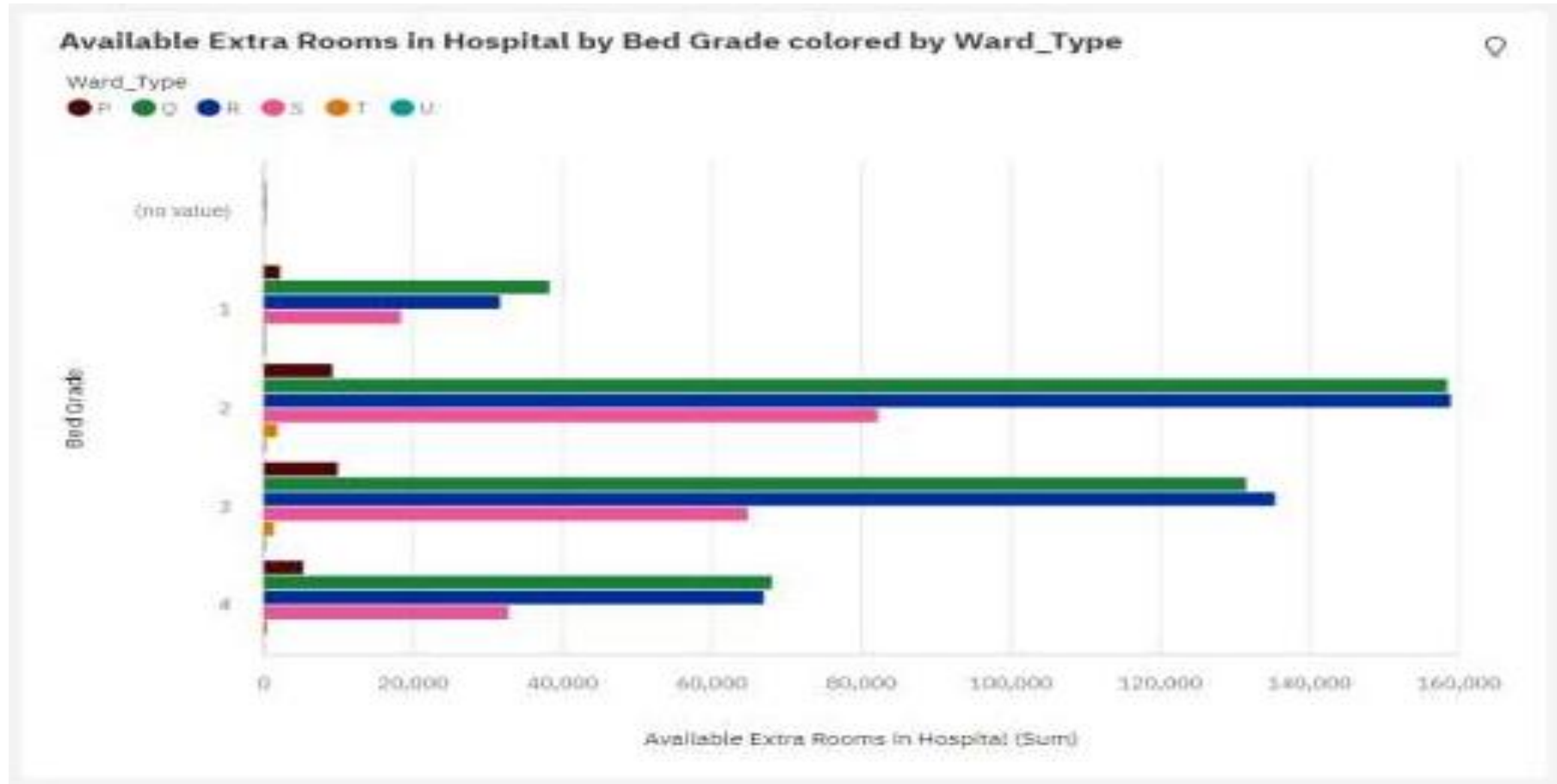
CASE ID BY AGE COLORED BY DEPARTMENT

case_id by Age colored by Department

Department
● TB & Chest disease ● anesthesia ● gynecology ● radiotherapy ● surgery



AVAILABLE EXTRA ROOMS IN HOSPITAL BY BED GRADE COLORED BY WARD TYPE

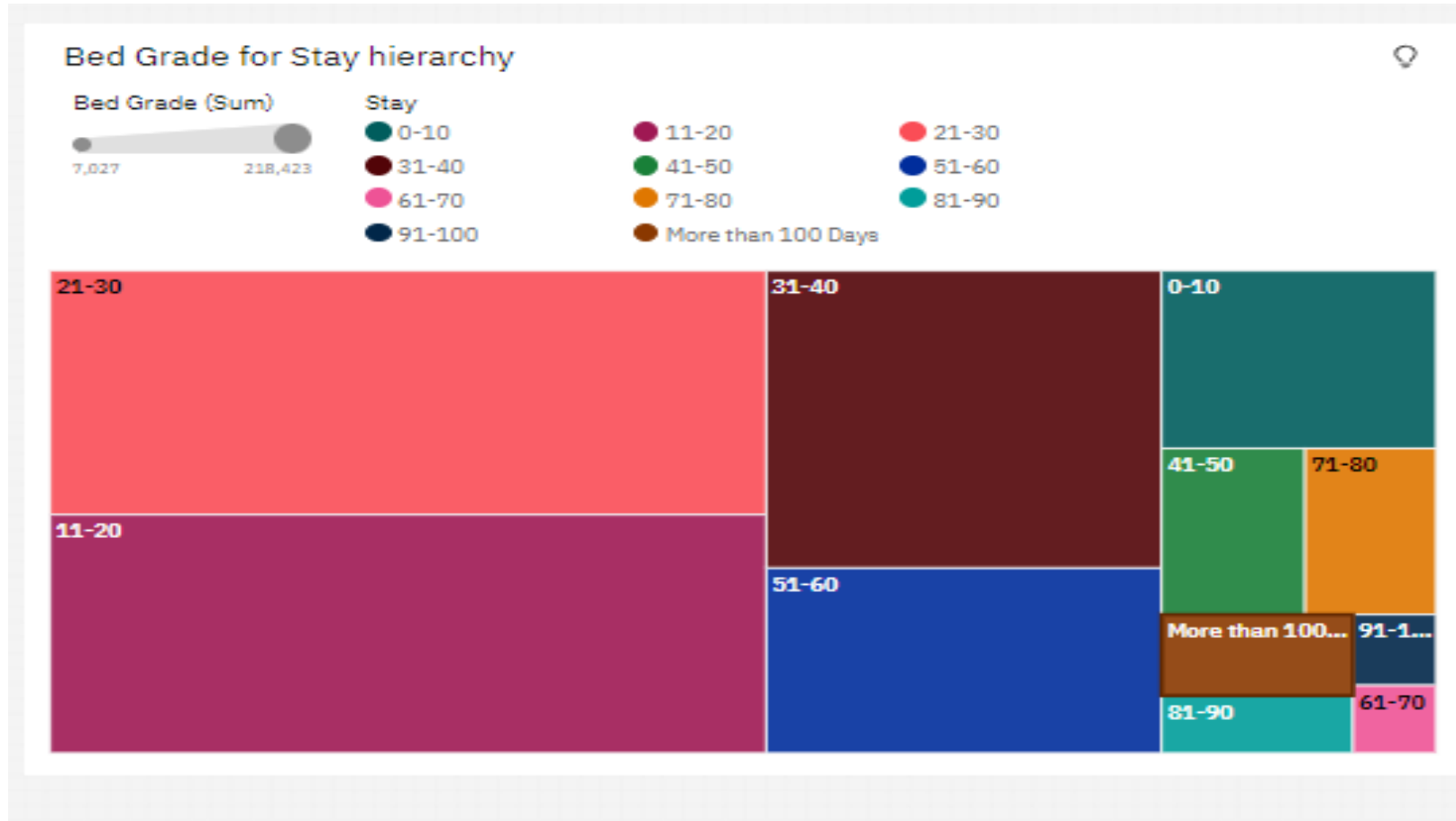


WARD TYPE FOR BED GRADE AND AVAILABLE EXTRA ROOMS IN HOSPITAL

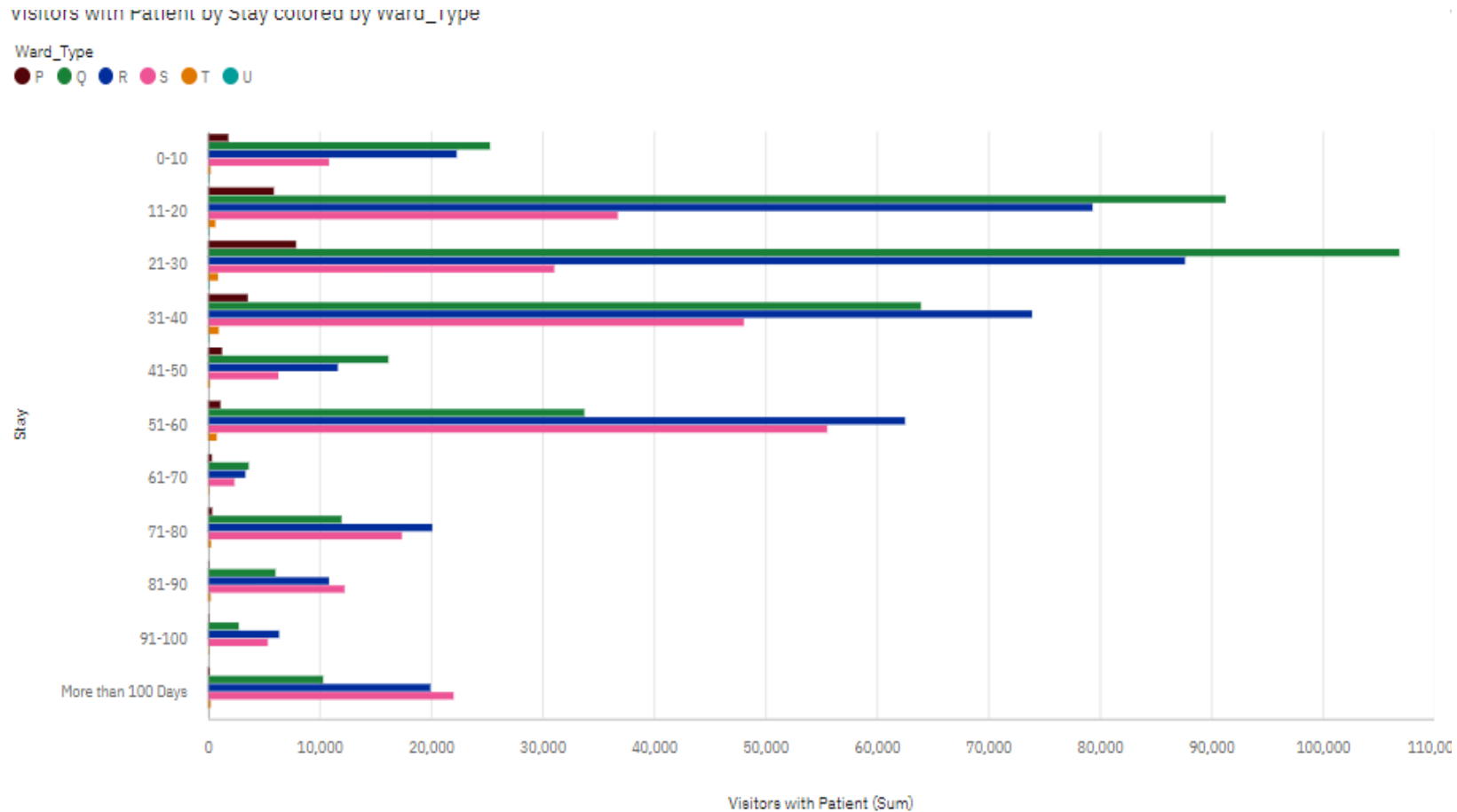
Ward_Type for Bed Grade and Available Extra Rooms in Hospital

Ward_Type	1	2	3	4	Summary
0	(no value)	3	2	1	3
1	4	5	5	5	5
2	5	5	6	5	6
3	5	5	6	5	6
4	6	6	6	5	6
5	5	5	5	4	5
6	4	5	4	4	5
7	4	4	4	4	4
8	4	4	4	4	4
9	3	4	4	3	4
10	2	4	4	3	4
11	1	2	2	2	3
12	1	2	2	2	2
13	(no value)	1	(no value)	1	1

BED GRADE FOR STAY HIERARCHY



VISITORS WITH PATIENTS BY STAY COLORED BY WARD TYPE



IMPACT OF AGE ON LOS

Impact of age on LOS

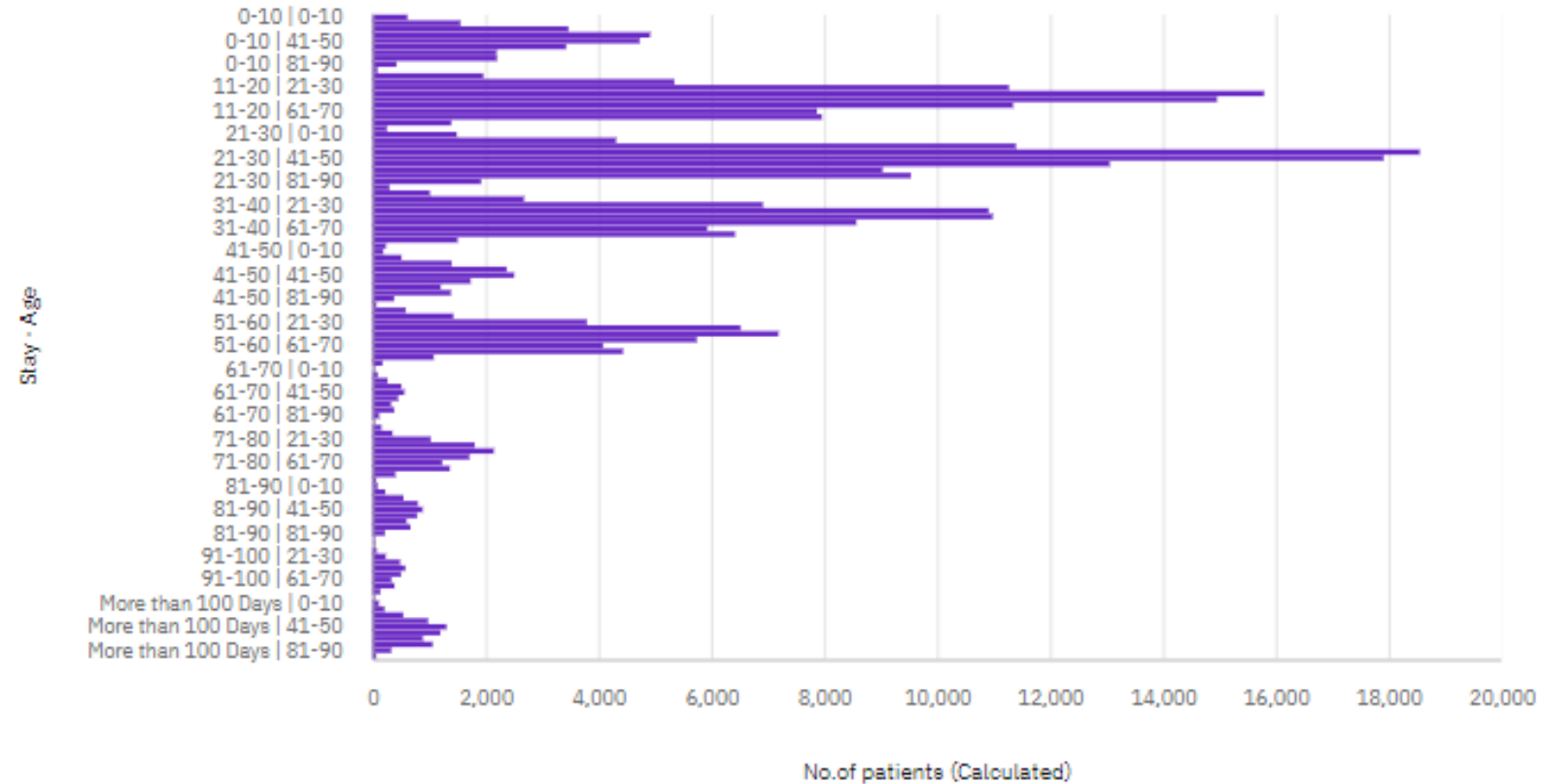
No.of patients	0-10	11-20	21-30	31-40	41-50	51-60
0-10	615	1,959	1,489	1,014	187	
11-20	1,552	5,343	4,312	2,681	510	
21-30	3,467	11,272	11,394	6,912	1,398	
31-40	4,916	15,792	18,550	10,912	2,373	
41-50	4,727	14,959	17,906	10,983	2,507	
51-60	3,427	11,346	13,058	8,569	1,735	
61-70	2,194	7,870	9,033	5,930	1,205	
71-80	2,201	7,958	9,534	6,420	1,383	
81-90	422	1,392	1,920	1,504	379	
91-100						

SEVERITY OF ILLNESS FOR SEVERITY OF ILLNESS AND AGE

Severity of Illness for Severity of Illness and Age				
Severity of Illness	Extreme	Minor	Moderate	Summary
0-10	658	2,530	3,066	6,254
11-20	1,358	8,027	7,383	16,768
21-30	4,237	15,406	21,200	40,843
31-40	10,219	16,462	36,958	63,639
41-50	13,393	12,933	37,423	63,749
51-60	10,467	10,513	27,534	48,514
61-70	7,215	8,199	18,273	33,687
71-80	7,038	9,686	19,068	35,792
81-90	1,842	1,840	4,208	7,890
91-100	296	276	730	1,302
Summary	56,723	85,872	175,843	318,438

NO.OF PATIENTS BY STAY ANG AGE

No.of patients by Stay and Age

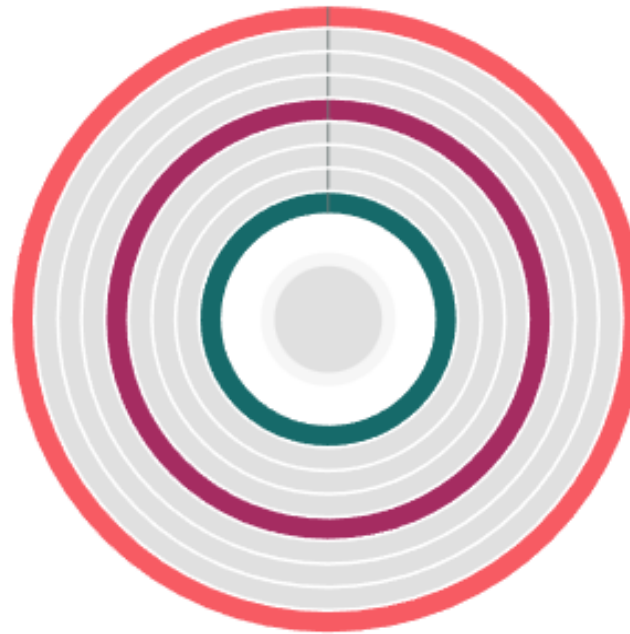


STAY BY OF PATIENTS COLORED BY SEVERITY OF ILLNESS

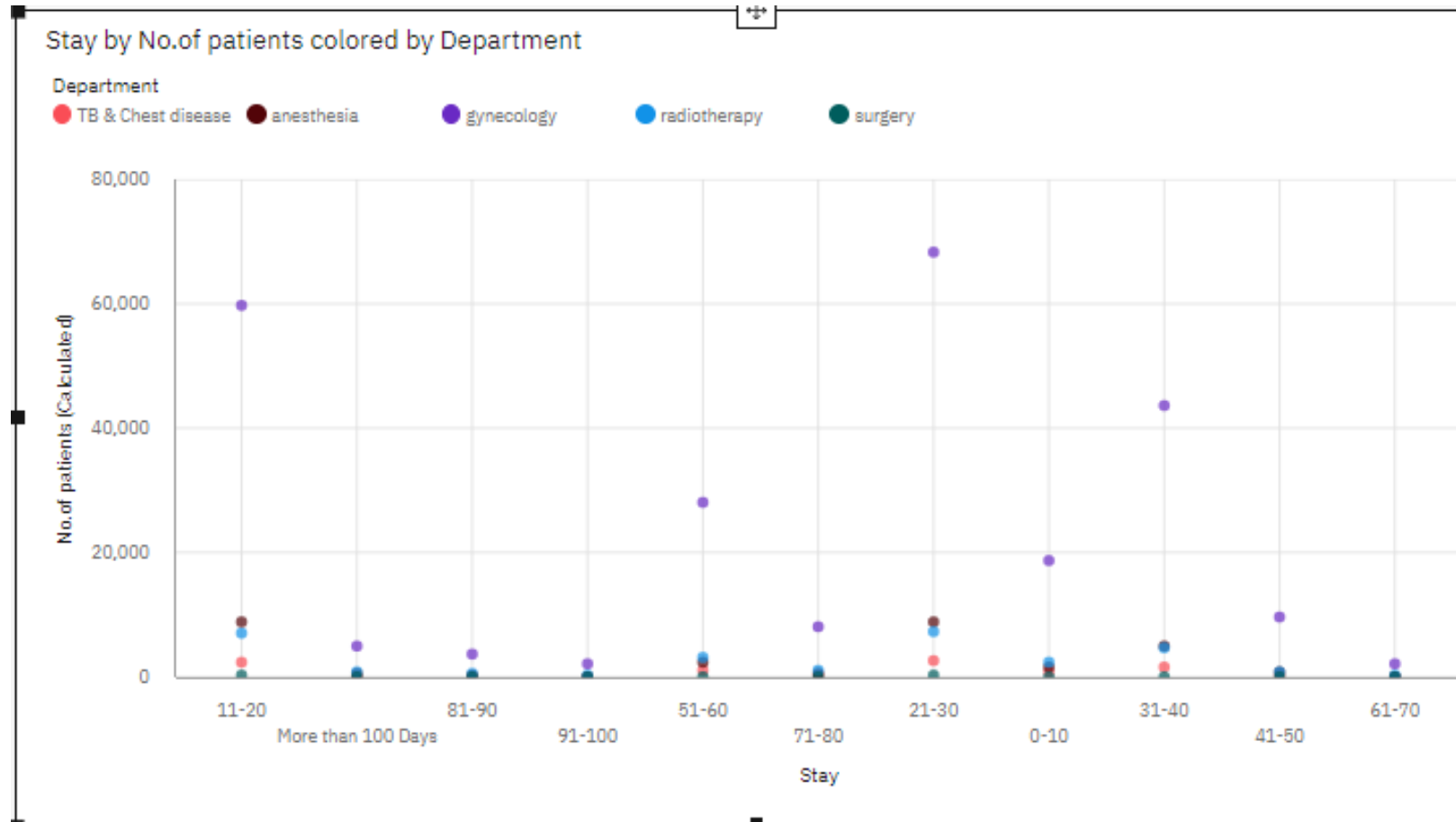
Stay by No.of patients colored by Severity of Illness

Severity of Illness

● Extreme ● Minor ● Moderate



STAY BY NO OF PATIENTS COLOURED BY DEPARTMENT



AVAILABLE EXTRA ROOMS IN HOSPITAL BY STAY

Available Extra Rooms in Hospital by Stay

Stay

91-100

41-50

21-30

61-70

0-10

81-90

51-60

More than 100 Days

31-40

71-80

11-20

