



# HOSPITAL EMERGENCY ROOM DASHBOARD



Apr

2024

MONTHLY VIEW

Apr2024

Naga VA Kumar Gummala's Project  
Dashboard

Monthly View

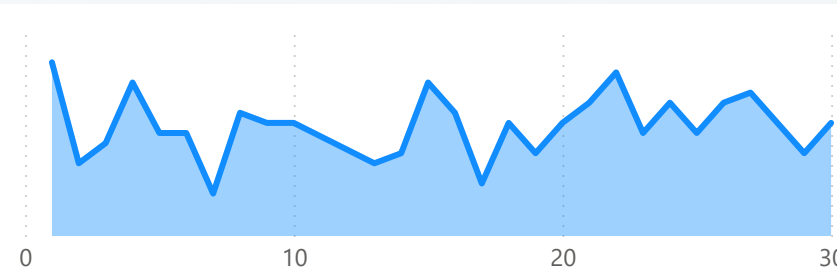
Consolidated View

Patient Details

Key Takeaways

No of Patients

442



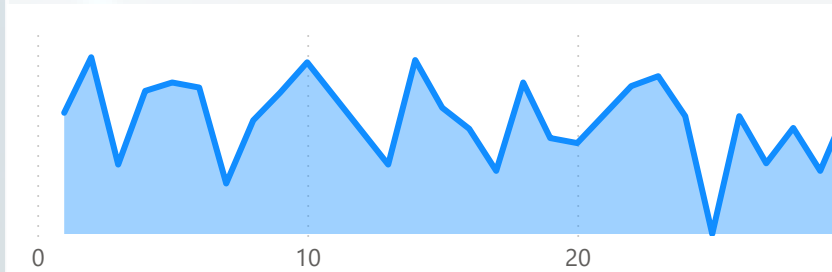
Avg Wait Time

35.6 Mins



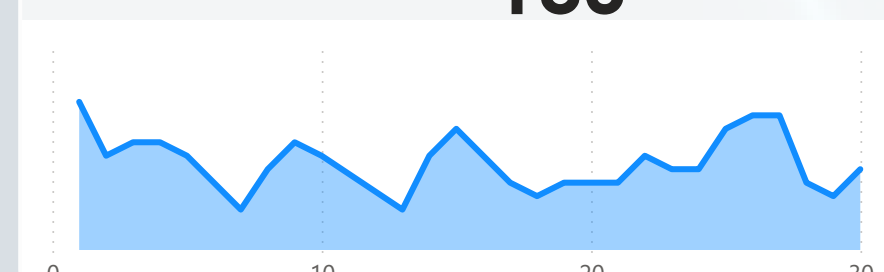
Patient satisfaction score

4.82



No of Patients Referred

183



## Patient Admission Status

Patient Admission status % of Total Patients

Released from Care

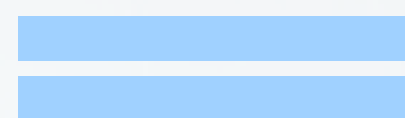
49.55%

219

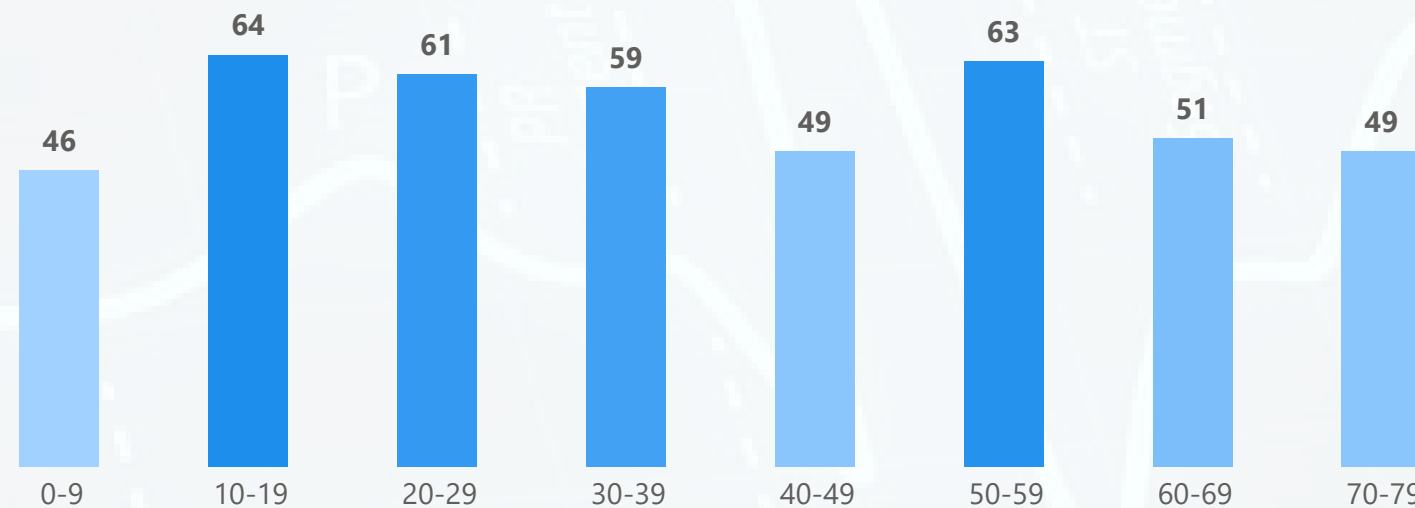
Admitted

50.45%

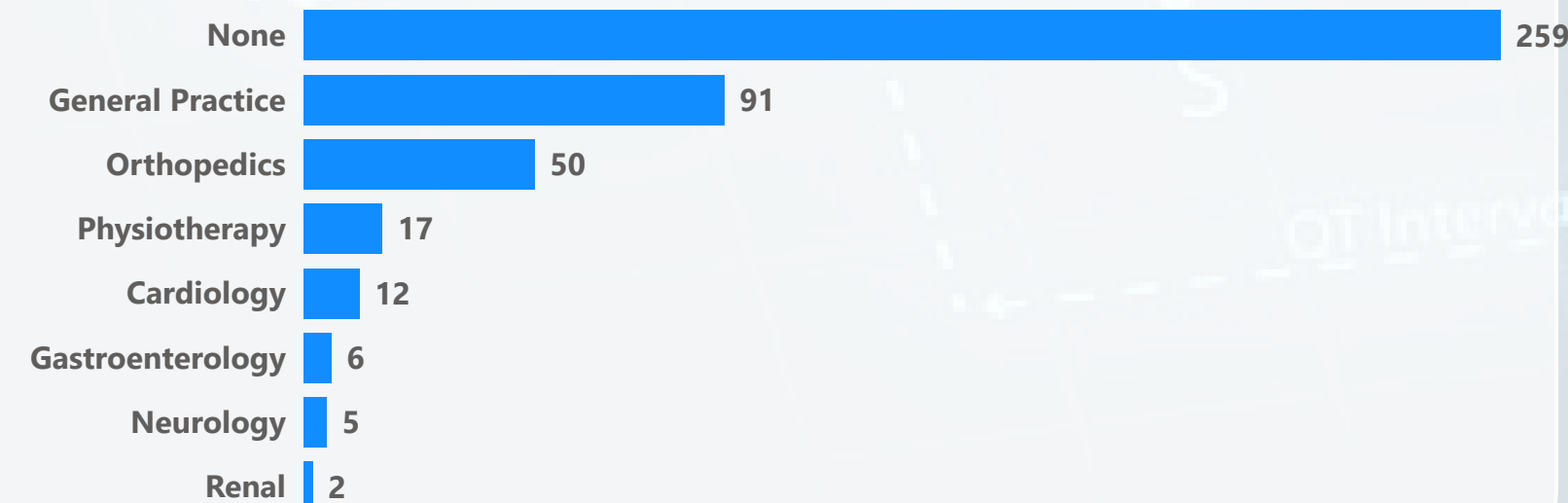
223



## Count of Patient Age by Patient Age Group



## No of Patients by Department Referral



## Patients Seen on Target Time

178 (40.27%)

264 (59.73%)

Wait Time Sta... ● Missed Target Time ● Accepted in Target T...

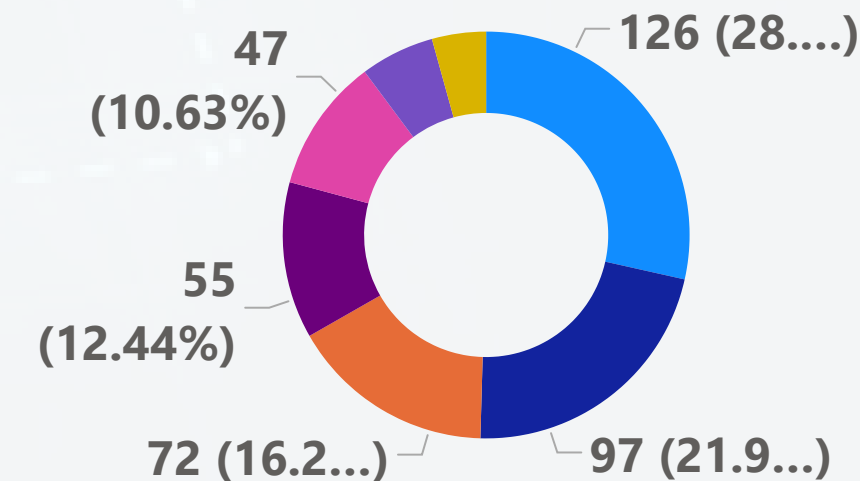
## No of Patients by Gender

219 (49.55%)

223 (50.45%)

Patient Gender ● Female ● Male

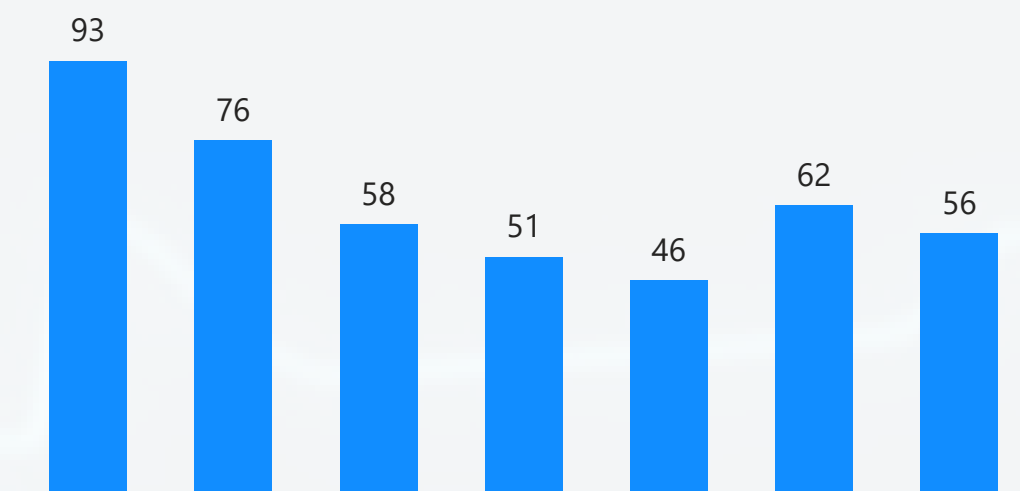
## No of Patients by Gender



## Patient Race

● White  
● African Ameri...  
● Two or More R...  
● Asian  
● Declined to Id...  
● Pacific Islander  
● Native Americ...

## No of Patients by Day



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
23-24	8	4	7	6	5	9	9
21-22	7	8	5	7	6	4	5
19-20	9	3	1	2	7	4	3
17-18	6	7	5	2	8	8	6
15-16	9	7	7	5	2	2	4
13-14	7	8	4	3		3	8
11-12	7	5	9	2	2	4	2
09-10	7	6	3	5	5	6	3
07-08	6	10	4	6	3	4	4
05-06	13	6	5	7	2	7	6
03-04	8	6	5	3	5	7	2
00-02	6	6	3	3	1	4	4



# HOSPITAL EMERGENCY ROOM DASHBOARD



1/4/2023

12/10/2024

## Consolidated View

Naga VA Kumar Gummala's Project

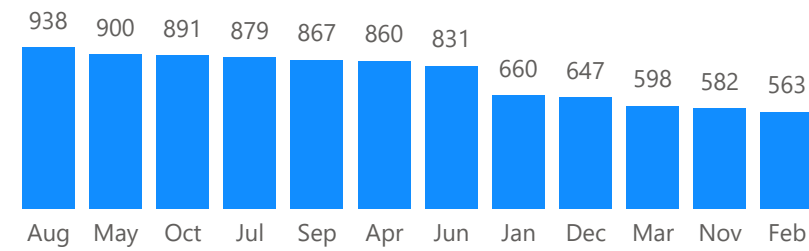
Monthly View

Consolidated View

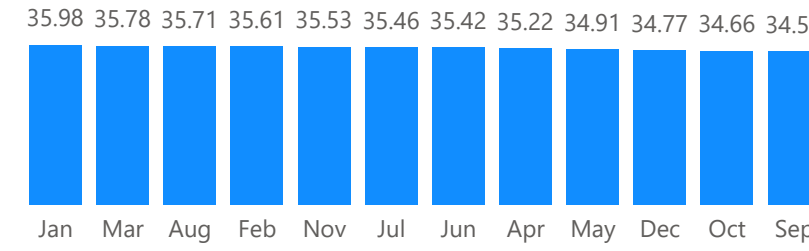
Patient Details

Key Takeaways

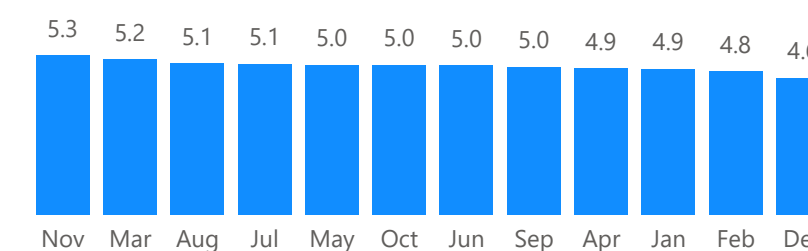
No of Patients  
**9216**



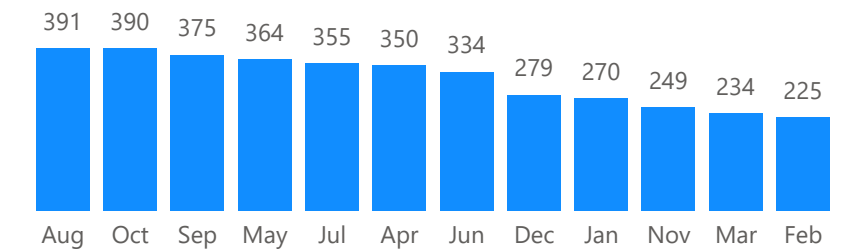
Avg Wait Time  
**35.3 Mins**



Patient satisfaction score  
**4.99**



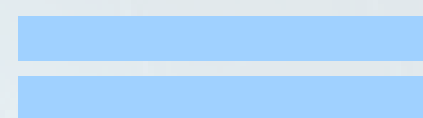
No of Patients Referred  
**3816**



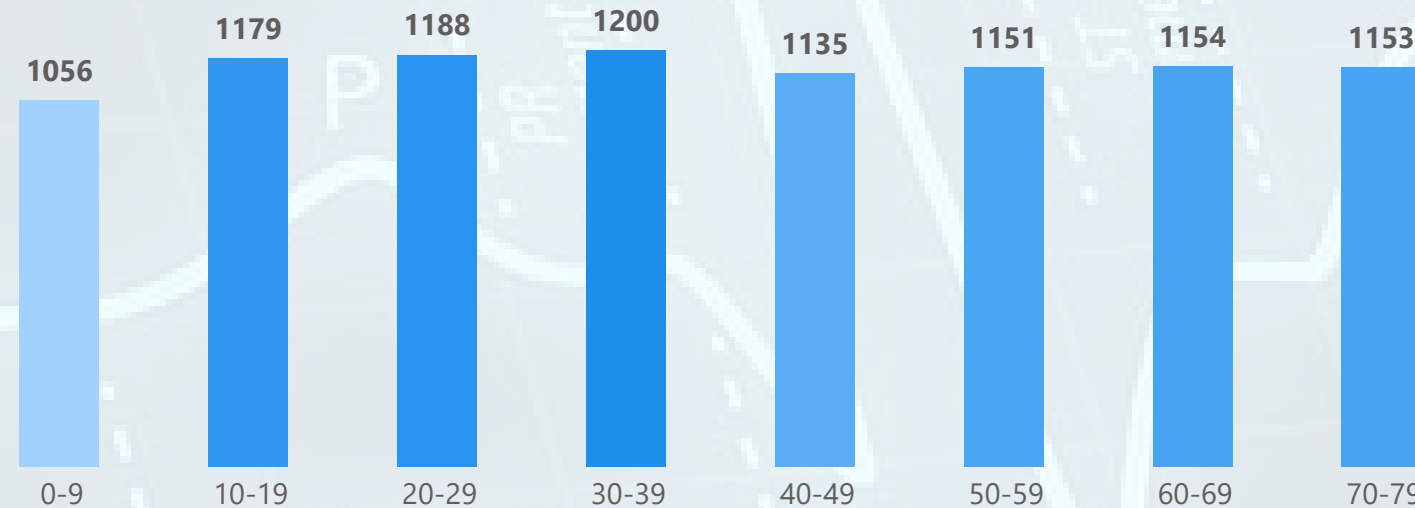
### Patient Admission Status

Patient Admission status % of Total Patients

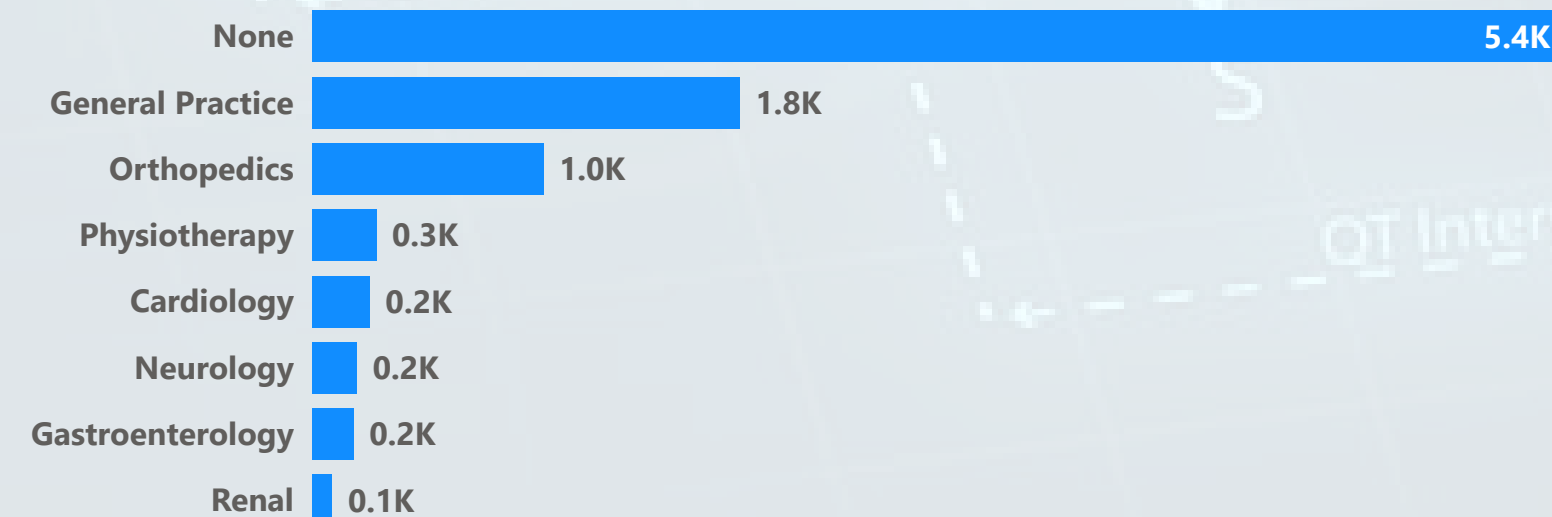
Released from Care	49.96%	4604
Admitted	50.04%	4612



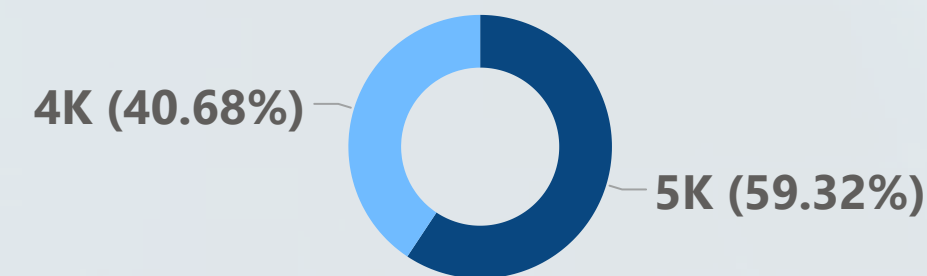
### Count of Patient Age by Patient Age Group



### No of Patients by Department Referral

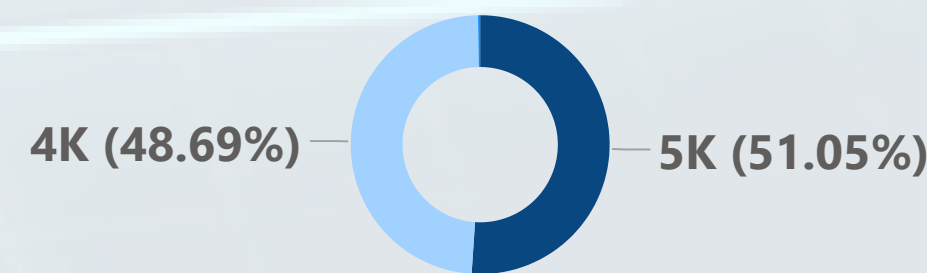


### Patients Seen on Target Time



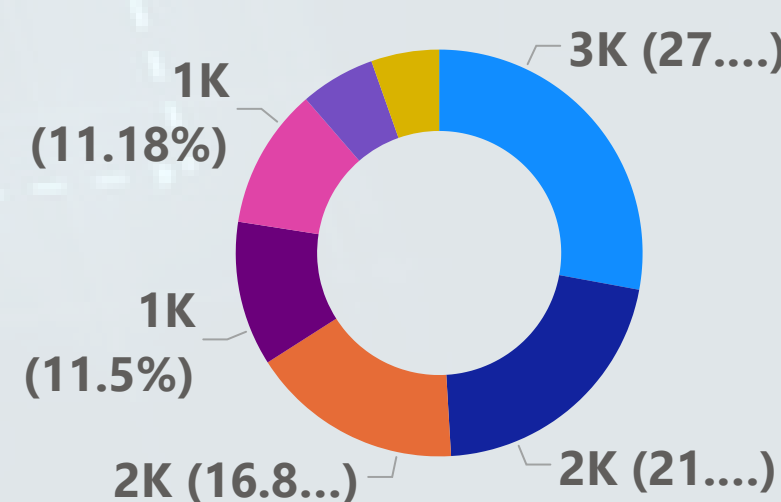
Wait Time Sta... ● Missed Target Time ● Accepted in Target T...

### No of Patients by Gender



Patient Gender ● Male ● Female ● Not Confirmed

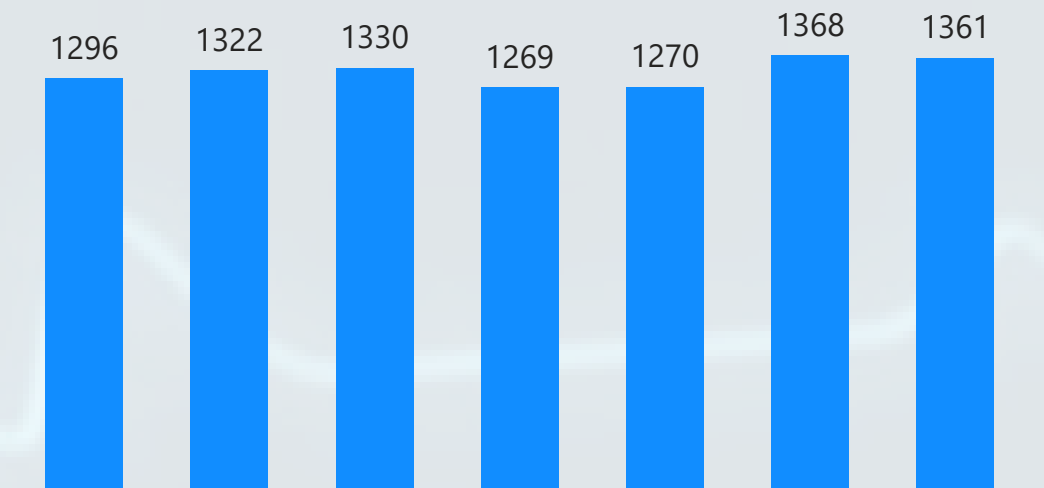
### No of Patients by Gender



### Patient Race

- White
- African Ameri...
- Two or More R...
- Asian
- Declined to Id...
- Pacific Islander
- Native Americ...

### No of Patients by Day



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
23-24	96	125	135	108	111	120	113
21-22	115	100	101	113	93	99	127
19-20	101	93	99	116	112	113	119
17-18	110	112	88	114	108	95	110
15-16	103	95	114	92	106	113	139
13-14	118	108	112	94	109	133	102
11-12	110	105	114	104	99	120	100
09-10	104	119	117	109	91	120	114
07-08	102	120	127	123	115	95	108
05-06	122	121	107	107	92	118	110
03-04	106	115	104	97	111	128	100
00-02	109	109	112	92	123	114	119



# HOSPITAL EMERGENCY ROOM DASHBOARD

1/4/2023

12/10/2024

## Consolidated View

*Naga VA Kumar Gummala's Project Dashboard*

Monthly View

Consolidated View

Patient Details

Key Takeaways



Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admission Date	Patient Race	Patient Waittime	Department Referral	Patient Admission status
100-17-5081	V Flicker	Male	67	1/14/2024	African American	60	None	Released from Care
100-66-0896	I Prickett	Male	2	3/26/2024	African American	23	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	1/14/2024	African American	57	None	Released from Care
100-72-5705	N Dudny	Female	60	6/19/2024	African American	45	None	Admitted
102-20-6596	V Asson	Female	69	11/6/2024	African American	33	General Practice	Released from Care
102-24-8249	A Staples	Male	2	1/3/2024	African American	27	General Practice	Released from Care
102-54-1653	J Mowson	Female	50	4/27/2024	African American	51	Orthopedics	Released from Care
102-85-6993	A McCumskay	Male	67	3/24/2024	African American	30	None	Released from Care
103-04-9687	E Finby	Male	48	12/23/2023	African American	29	None	Released from Care
103-34-3477	B Meanwell	Male	25	4/18/2024	African American	34	None	Released from Care
103-34-9671	S Brissard	Male	38	9/24/2023	African American	54	None	Admitted
103-36-3561	U Shuttlewood	Male	17	5/18/2024	African American	49	Physiotherapy	Admitted
103-73-6870	Q Pickston	Male	15	10/24/2023	African American	22	None	Released from Care
103-87-1157	Y Pashby	Female	51	9/15/2023	African American	46	None	Admitted
103-94-9474	S Ronald	Female	68	3/9/2024	African American	30	Orthopedics	Admitted
104-44-8448	I Hatherley	Female	10	6/18/2023	African American	26	None	Released from Care
105-08-6438	J Baumer	Male	2	4/15/2023	African American	27	None	Released from Care
105-85-2242	J Enos	Male	27	3/27/2024	African American	33	None	Released from Care
106-58-3767	Z Briance	Female	10	9/21/2024	African American	43	None	Released from Care
106-76-7225	A Gipson	Female	17	9/14/2023	African American	44	None	Admitted
106-91-6612	H Riguard	Female	63	5/21/2023	African American	27	Gastroenterology	Released from Care
107-25-3448	H Littrik	Female	72	5/8/2024	African American	21	None	Released from Care
107-69-8839	O Plane	Male	32	12/26/2023	African American	51	None	Admitted
109-39-8231	G Truse	Female	5	8/25/2023	African American	48	Neurology	Released from Care





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## Key Takeaways

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Key Takeaways



### Descriptive Analysis (April 2023 - October 2024)

*The emergency room dataset, covering a period of 19 months, records a total of 9,216 unique patients.*

### Patient Wait Time & Satisfaction:

The Average wait time was approximately 35.3 minutes, indicating a need for improvement to enhance patient flow. The average satisfaction score was 4.99 out of 10, suggesting moderate satisfaction and highlighting areas for improving patient experiences.

### Departmental Referrals:

A significant number of Patients (5400) did not required referrals. Among those referred, the most common were General Practice (1840 cases) and Orthopedics (995 Cases), followed by Physiotherapy (276 Cases) and Cardiology (248 Cases)|

### Peak busy Periods:

The busiest day were Saturdays (1368 Patients), Saturdays (1322 Patients), and Tuesdays (1318 Patients). The busiest hours were 11 AM, 7 PM, 01 PM, and 11 PM indicating need of ample staffing during these periods.

### Patient Demographics:

Age Groups: Adults (30 - 39 Years) formed a large group (1200 Patients), followed by young adults (20 - 29 Years) with 1188 Patients. Other significant groups included middle aged as well (40 - 50 Years).

### Race Distribution:

The largest racial group was White (2571), followed by African American (1951), multi racial (1557), and Asian (1060) patients. A significant number of patients (1030) declined to identify their race.

### Admission Patterns:

Nearly half of the patients (4612) were admitted, while the rest (4604) were treated and released.

Summary:

The dataset reveals high patient volumes, moderate satisfaction levels, and common referrals to General Practice and Orthopedics.

Mondays and late night to early mornings hours are particularly busy. The patient demographics show a diverse age and racial composition, with nearly equal numbers of admitted and non admitted patients. These insights can help optimize resource allocation and improve patient care in the emergency room.