



# Hospital Emergency Room Dashboard

Monthly View

Feb 2024

Year

2024

Month Name

Feb

## Menu

Monthly view

Consolidated View

Patient Details

Key Takeaways



No. of Patients



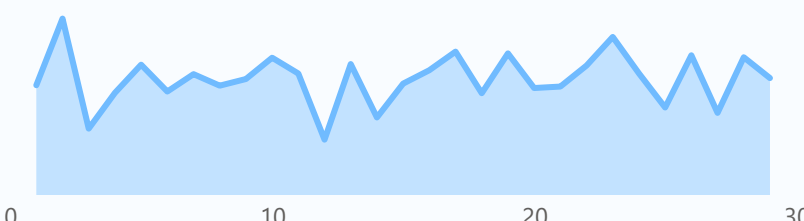
431



Avg Wait Time



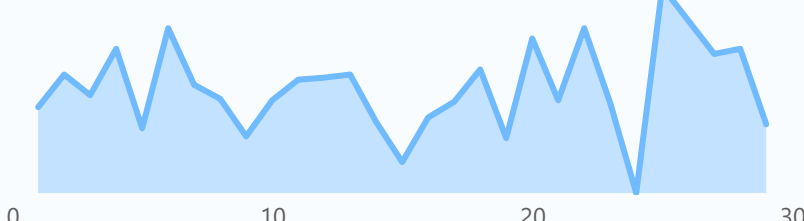
36.7 Min



Patient Satisfaction Score



4.72



No. of Patients Referred



179

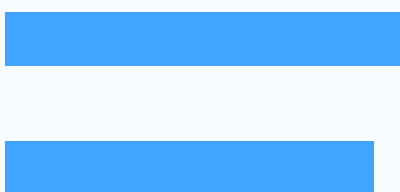


Patient Admission Status

Admission Status Patient % of Total

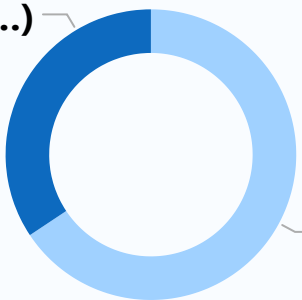
Admitted 224 51.97%

Not Admitted 207 48.03%



% of Patient Seen Within 30 Min

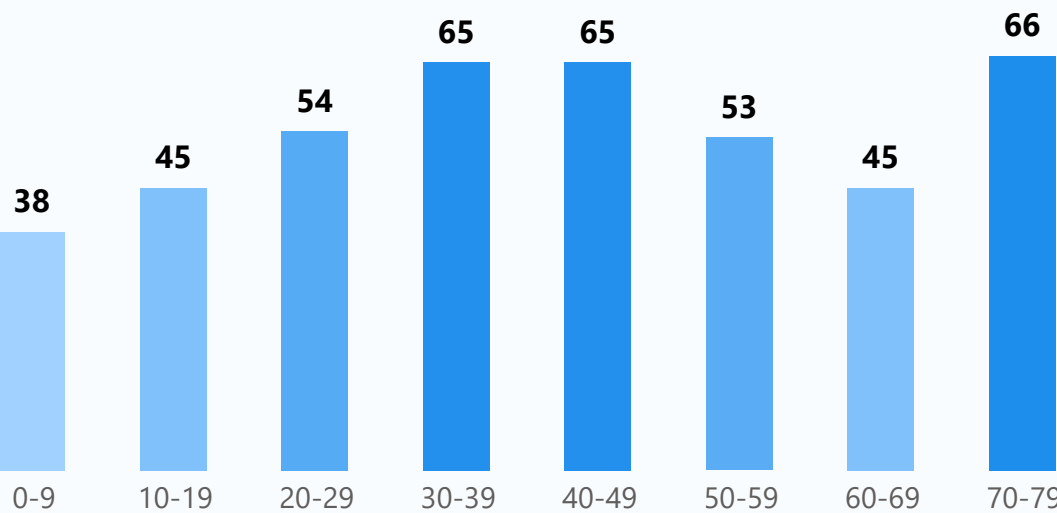
148 (34....)



283 (65.66%)

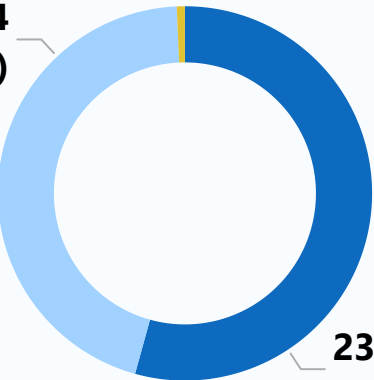
Target Missed  
Within Target

No of Patient by Age Group



No of patient by Gender

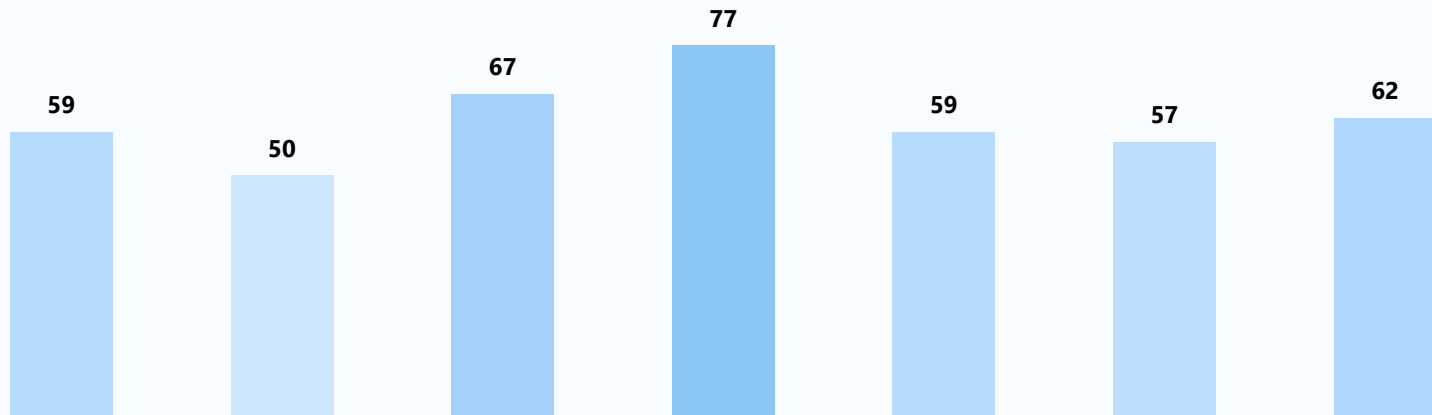
194 (45.01%)



Male  
Female  
Not Conformed

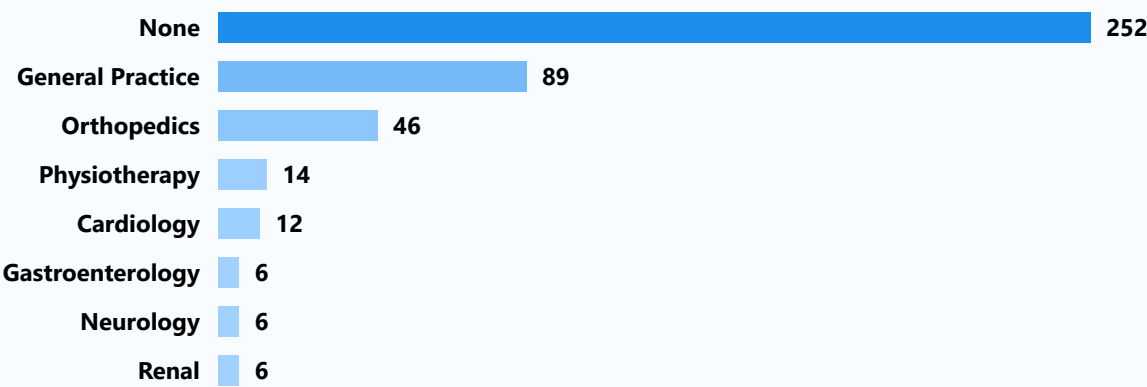
234 (54.29%)

No of Patient by Day And Hour

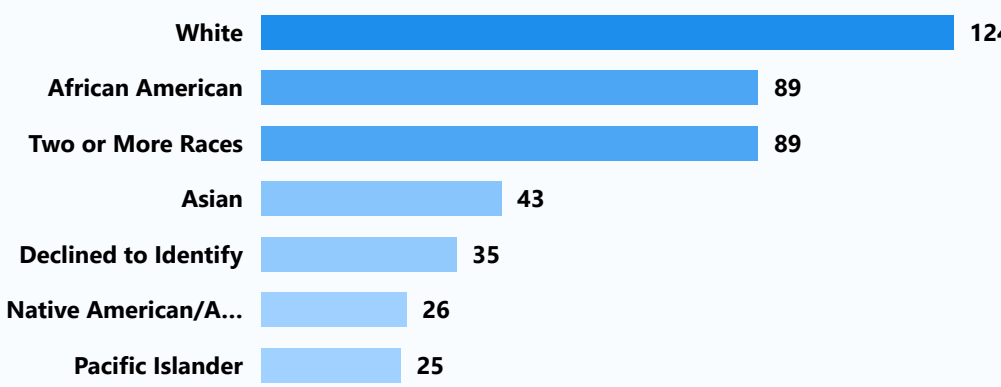


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	7	3	6	6	4	2	5
03-04	6	4	5	6	5	3	
05-06	3	7	5	4	7	5	6
07-08	6	5	2	7	2	6	2
09-10	5	3	6	9	2	10	3
11-12	8	5	5	3	7	9	8
13-14	6	5	8	6	4	1	6
15-16	3	1	5	5	3	4	10
17-18	2	5	7	10	6	4	3
19-20	8	2	4	6	5	2	4
21-22	3	5	6	5	8	5	7

No of Patient by Department Referral



No of Patient by Patient Race





# Hospital Emergency Room Dashboard

CONSOLIDATED VIEW

01-04-2023

30-10-2024

## Menu

Monthly view

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Patient Details

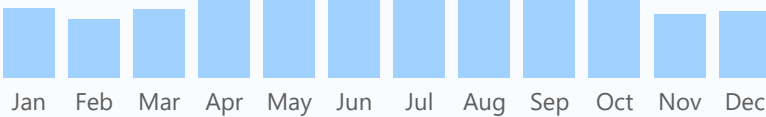
Key Takeaways



No. of Patients



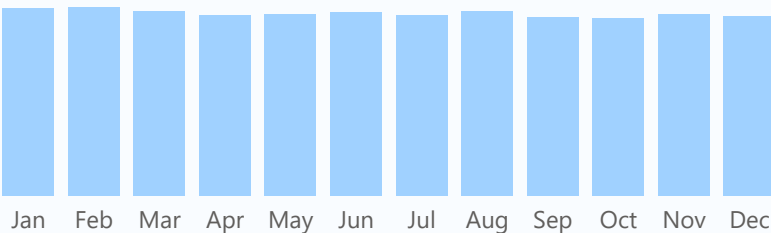
9216



Avg Wait Time



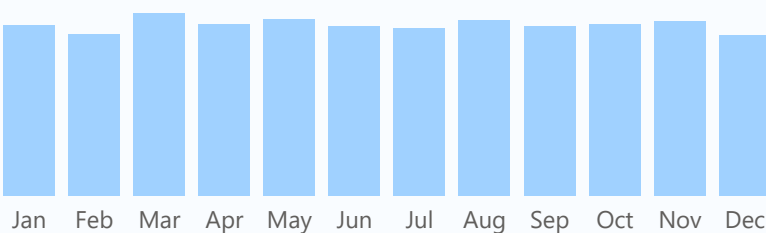
35.3 Min



Patient Satisfaction Score



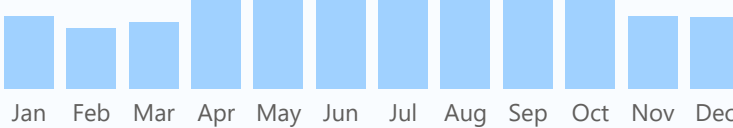
4.99



No. of Patients Referred



3816

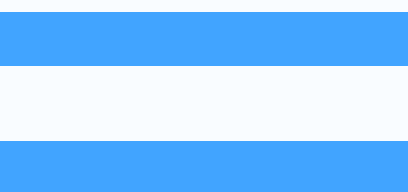


Patient Admission Status

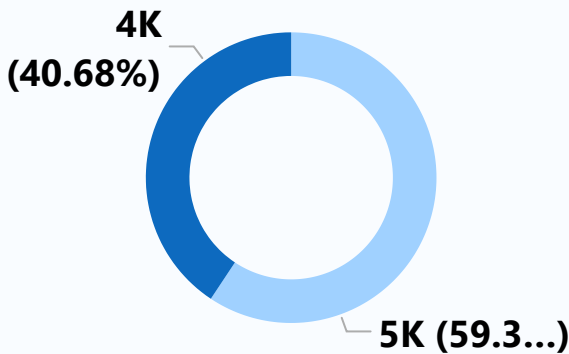
Admission Status Patient % of Total

Admitted 4612 50.04%

Not Admitted 4604 49.96%

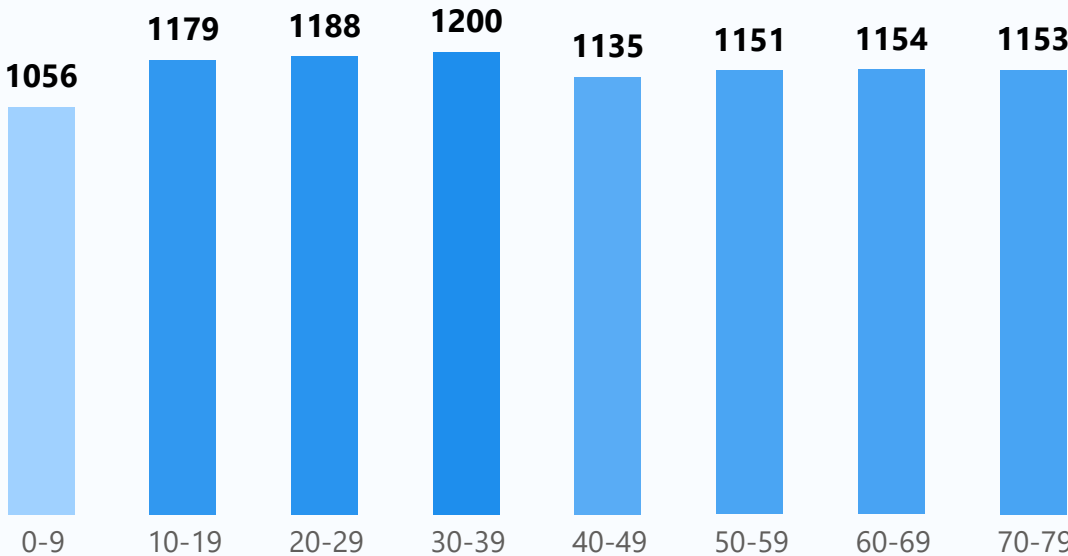


% of Patient Seen Within 30 Min

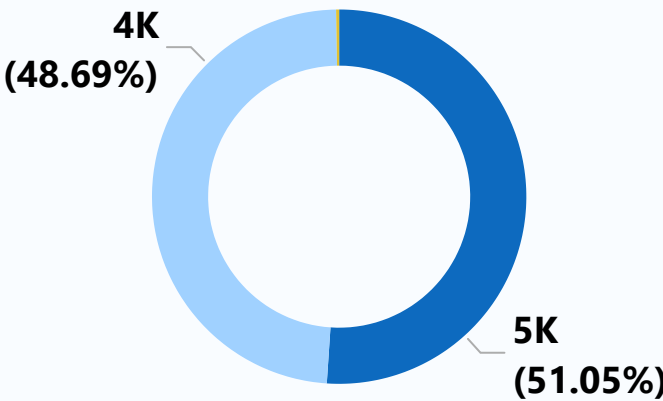


Target Missed  
Within Target

No of Patient by Age Group

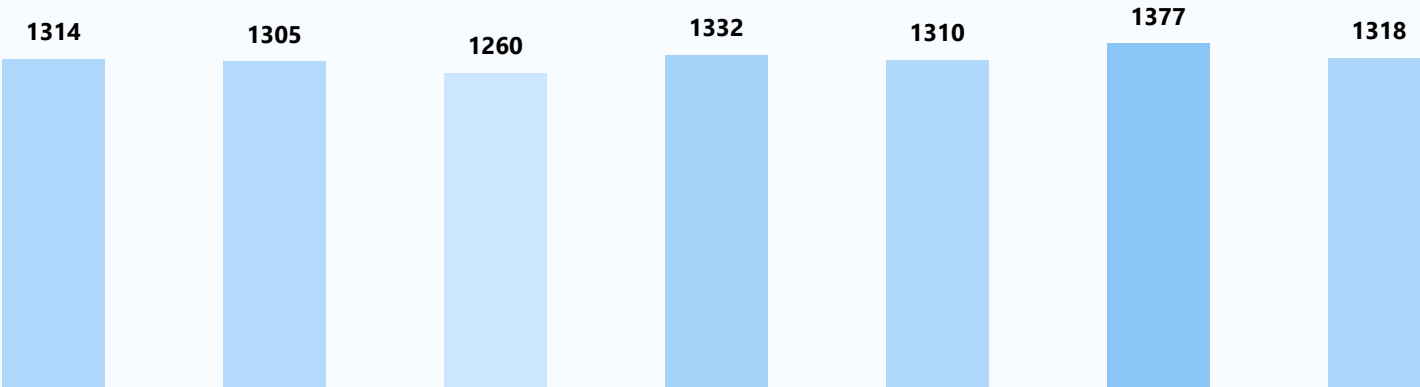


No of patient by Gender



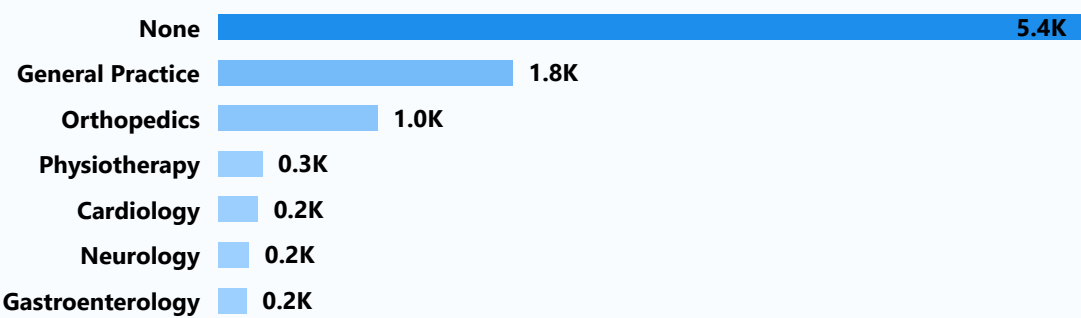
Male  
Female  
Not Conformed

No of Patient by Day And Hour

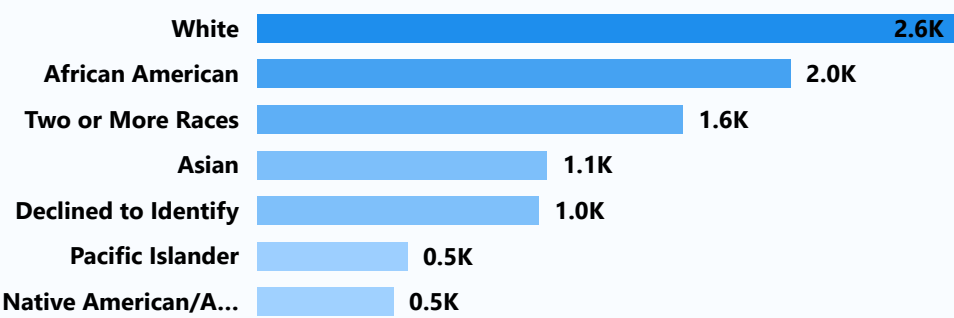


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	111	107	104	100	113	128	98
05-06	125	122	104	104	98	114	110
07-08	84	123	111	124	127	102	119
09-10	116	112	107	113	102	124	100
11-12	107	106	98	111	122	109	99
13-14	115	107	117	105	107	123	102

No of Patient by Department Referral



No of Patient by Patient Race





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# Hospital Emergency Room Dashboard

CONSOLIDATED VIEW

01-04-2023

30-10-2024

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission Status
100-04-3993	M St Ange	Female	29	04 April 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	14 January 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	17 January 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	13 May 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	01 April 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	08 May 2024	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	26 March 2024	African American	23	Orthopedics	Admitted
100-66-8222	F Mullane	Female	65	23 December 2023	Asian	17	General Practice	Not Admitted
100-67-1276	S Hallbird	Male	55	03 November 2023	White	11	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	14 January 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	19 June 2024	African American	45	None	Admitted
100-74-3943	M Hallard	Female	3	17 September 2023	White	14	None	Admitted
100-74-5636	A Warwicker	Female	47	13 August 2024	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	27 February 2024	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	09 March 2024	White	59	None	Admitted
100-84-7203	K Ybarra	Female	37	13 June 2023	White	55	None	Not Admitted
101-08-8798	L Willeson	Female	72	31 July 2024	Two or More Races	48	None	Admitted
101-13-4808	V Gowdridge	Female	30	25 April 2023	Declined to Identify	30	None	Admitted
101-35-3930	W Andreotti	Female	30	24 January 2024	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	08 February 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	08 October 2024	White	20	None	Admitted
101-50-7359	D Sabey	Female	50	13 October 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	08 October 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	04 August 2024	White	43	None	Not Admitted
101-63-3628	P Quest	Male	38	29 July 2023	Two or More Races	53	None	Not Admitted
101-66-4553	R Odd	Female	14	30 March 2024	Two or More Races	57	General Practice	Admitted
101-85-4810	R McPhee	Female	74	07 August 2023	White	55	None	Admitted



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## 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 and

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.

### Department 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 [Mondays \(1377 patients\)](#), 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.

### Admission Patterns:

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

### Race distribution:

The large 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.

### 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 number of admitted and non admitted patients. These insights can help optimize resource allocation and improve patient care in the emergency room.