

HEALTHCARE ANALYTICS



HEALTHCARE



FINANCIAL



RISK LEVEL



DIVISION



DOCTORS



PATIENTS



SATISFACTION



DATE & TIME



SCORECARD

Healthcare Analytics gives you an instant solution to your data needs, allowing you to convert the mass amount of information you have into actionable insights.

Powered by **Microsoft Power BI**, Hospitals and Healthcare organisations are equipped with outstanding clarity into their data and can achieve a better understanding of their overall performance.


The customisable dashboards grant the user the opportunity to create and modify each dashboard to their own preference. This means the **Agile-Analytics Healthcare Solution** will always be adaptable to your data requirements as and when needed. Each interactive dashboard presents real-time data allowing you to oversee division and risk levels, types of treatments and percentages, average wait times, Doctors statistics and much more.

Digging through endless pieces of information is a thing of the past, alternatively our **Healthcare** solution will do it for you, meaning you can rapidly make important data-driven decisions and ultimately saving you valuable time.

This solution has been developed specifically to take-away the stresses that come with working in the Healthcare industry.

Do you want to see your own data in these reports? Contact us today!

www.agile-analytics.com.au

Contact us: 



Gold Data Analytics
Gold Application Integration
Gold Project and Portfolio Management
Gold Cloud Platform



HEALTHCARE

Hospital Analytics

2020	Jan	Feb	Mar	Apr
2021	May	Jun	Jul	Aug
2022	Sep	Oct	Nov	Dec

1,912

Nº of Patients

736

Nº of Inpatient

1,176

Nº of Outpatient

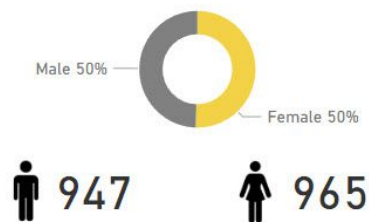
74%

Satisfaction Rate

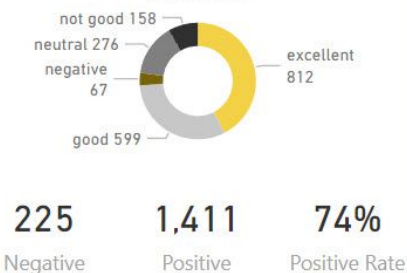
4.0

Avg Score

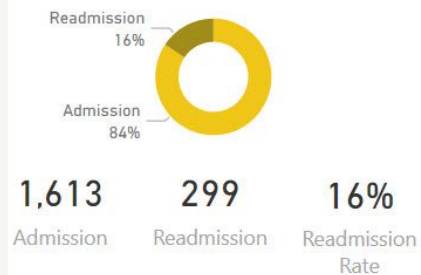
Patients' Gender



Satisfaction

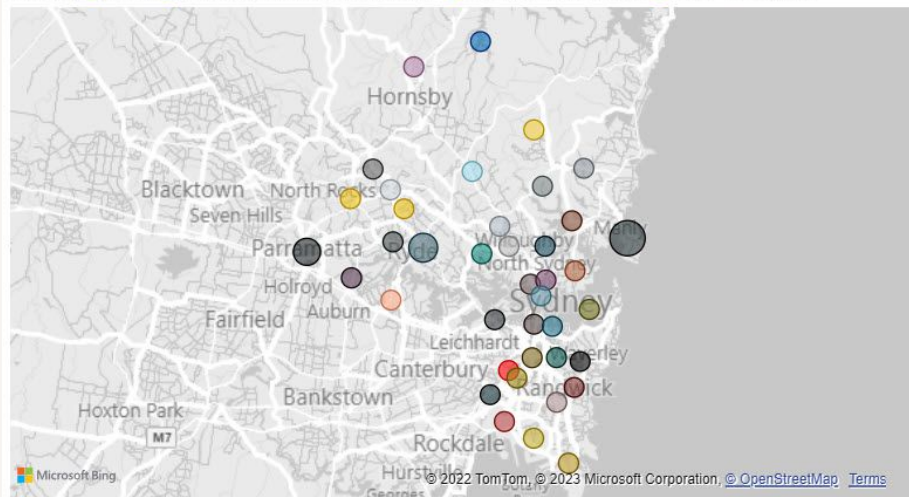


Admission



Nº of Patients by Location & Suburbs

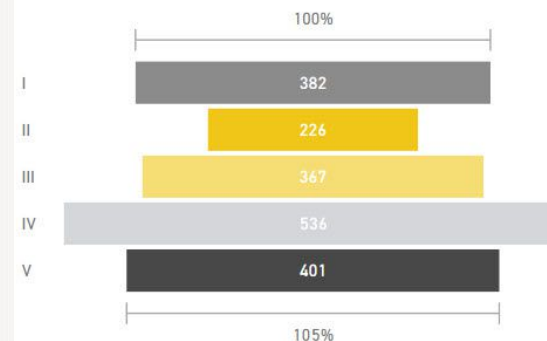
Suburbs (Blank) Alexandria Artarmon Beecroft Belrose Bondi Junction Botany Brookvale



Financial Goal

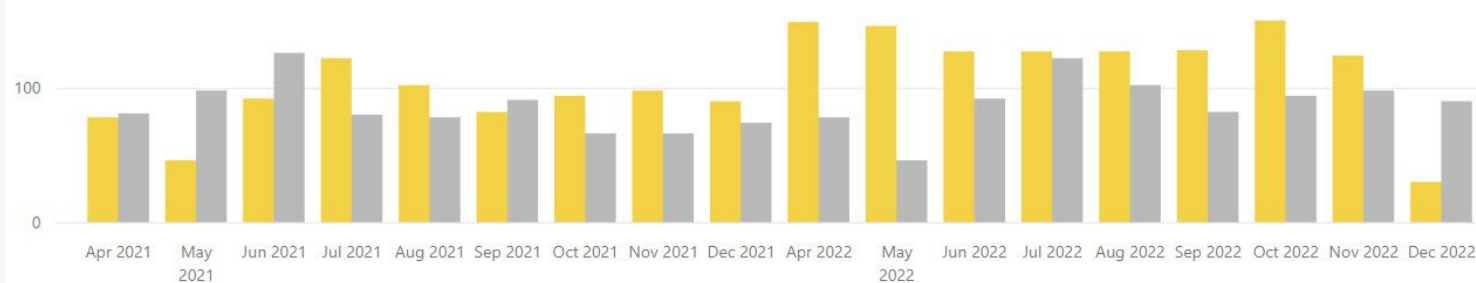


Risk Level



Patients by Month

Nº of Patients Nº of Patient LY





FINANCIAL

Hospital Analytics

2020	Jan	Feb	Mar	Apr
2021	May	Jun	Jul	Aug
2022	Sep	Oct	Nov	Dec

\$10.6M
Treatment Cost

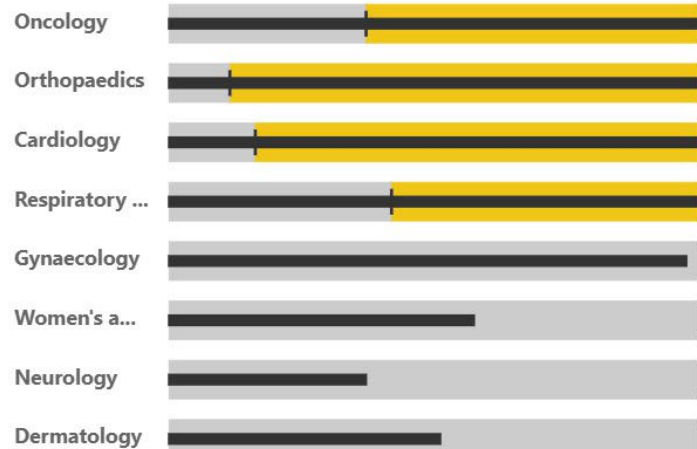
9.3M
TC Inpatient

1.3M
TC Outpatient

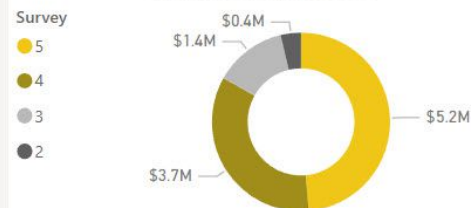
213.0K
Expenses

4.3
Avg Score

Actual value by Division



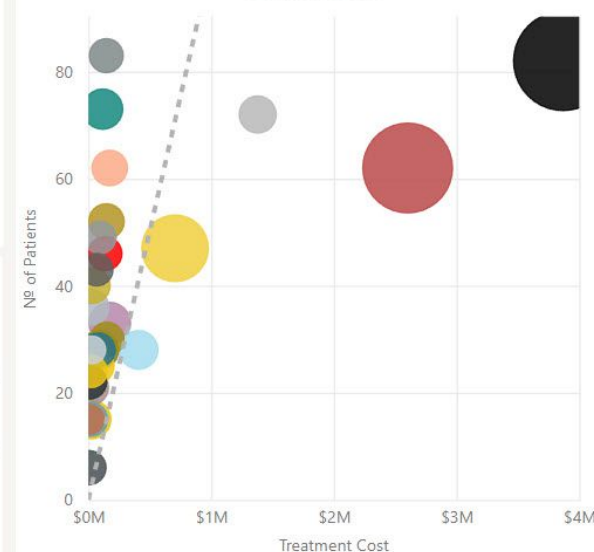
Survey & Treatment Cost



Admission & Avg of Treatment Cost

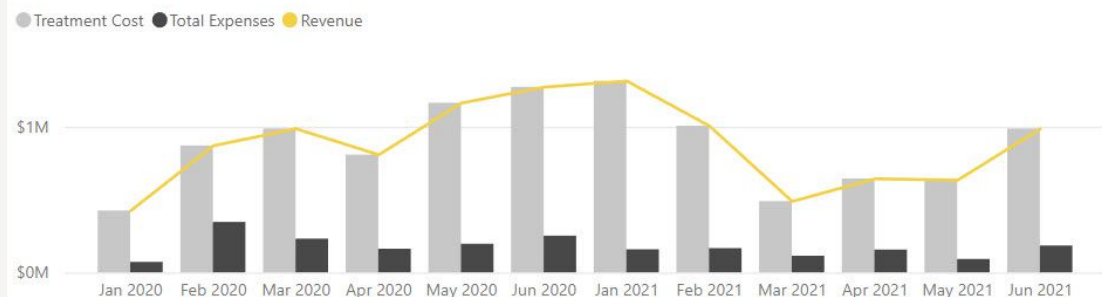


Treatment Cost



Division	Treatment	Treatment Cost	Nº of Patients
Cardiology	Arrhythmia	\$151,800	30
Cardiology	Bypass	\$706,800	47
Cardiology	EKG	\$26,400	15
Cardiology	Heart Attack	\$410,500	28
Dermatology	Eczema	\$22,910	36
Dermatology	Psoriasis	\$10,350	22
Dermatology	Vitiligo	\$20,000	15
Dermatology	Wart	\$10,000	15
Gynaecology	Ectopic Pregnancy	\$64,950	25
Gynaecology	Endometriosis	\$89,700	28
Total		\$10,611,010	1,065

Expenses & Revenue





RISK LEVEL

Hospital Analytics

2020
2021
2022

Jan Feb Mar Apr
May Jun Jul Aug
Sep Oct Nov Dec

III
IV
V

Cardiology
Oncology

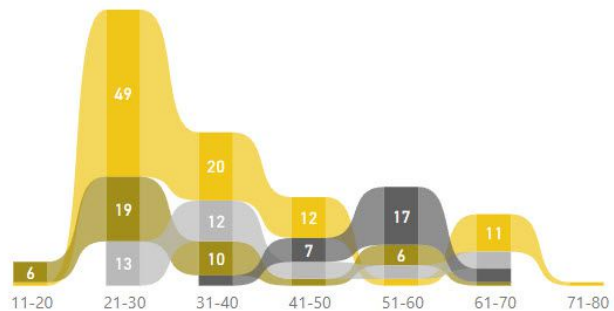
Dermatology
Orthopaedics

Gynaecology
Respiratory Medicine

Neurology
Women's and Babies

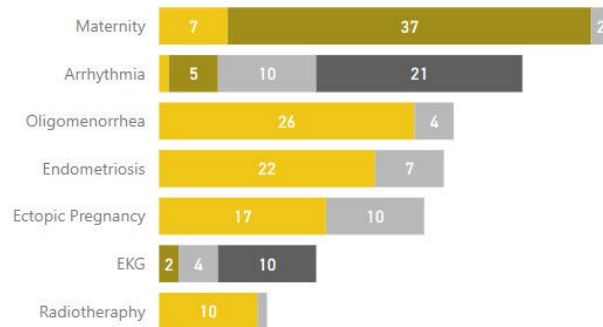
Risk Level & Age Group

Risk Level ● II ● III ● IV ● V



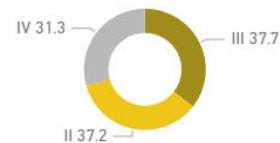
Risk Level & Treatment

Risk Level ● II ● III ● IV ● V



Avg of Wait Time

37.2
Inpatients

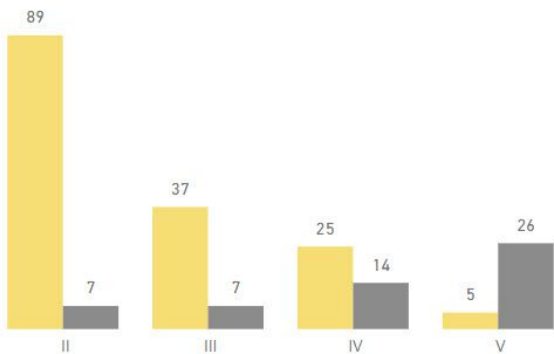


49.3
Outpatients



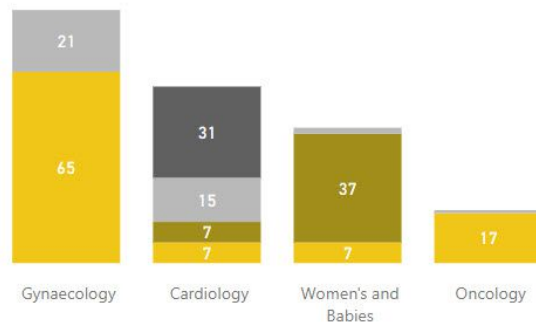
Risk Level & Gender

Gender ● Female ● Male



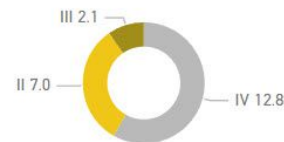
Division & Risk Level

Risk Level ● II ● III ● IV ● V



Avg of Length of Stay

4.8
Inpatients



1.1
Outpatients





DIVISION

Hospital Analytics

2020 Jan Feb Mar Apr
2021 May Jun Jul Aug
2022 Sep Oct Nov Dec

Aaron, James

Becker, Renee

Billis, Helen

Bugali, Josephine

Carey, Michael

Favis, Donald

Liebig, Ketsia

Roehrich, Bianca

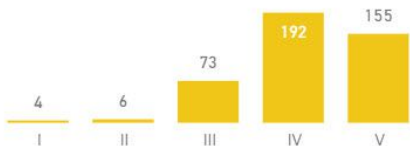
Salter, Jason

Steans, Tyrone

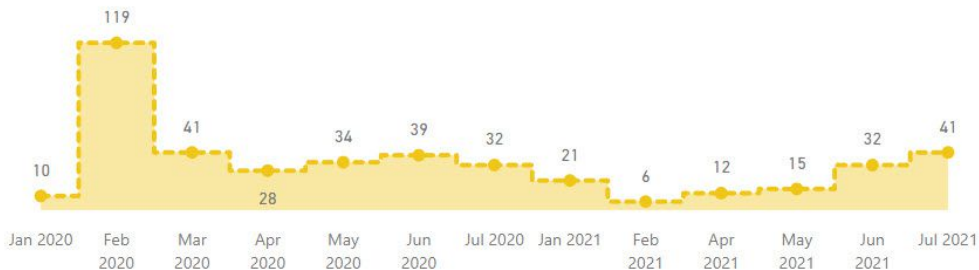
Female Male

Respiratory Medicine	135	171
Orthopaedics	135	130
Oncology	81	99
Neurology	44	97
Cardiology	115	
Dermatology	84	
Gynaecology	86	
Women's and Babies	47	

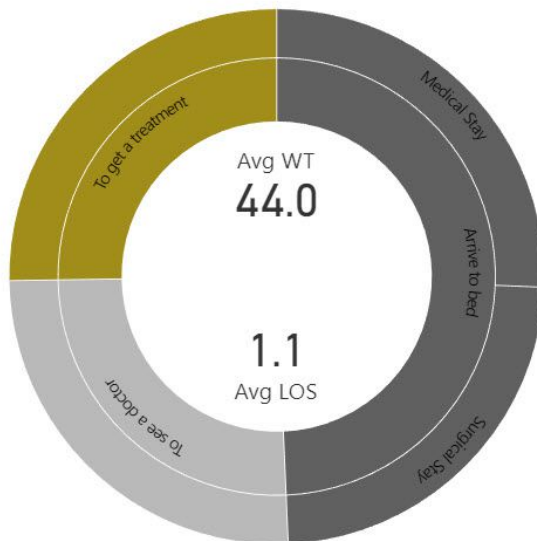
Nº of Patients by Risk Level



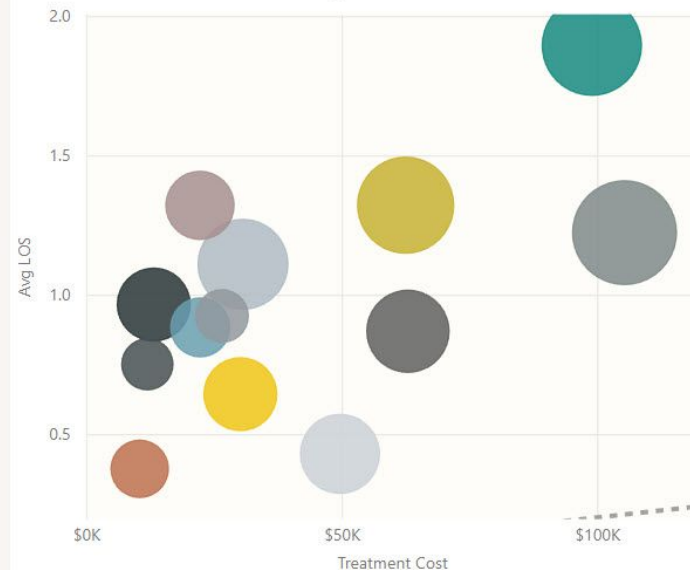
Nº of Patients by Month



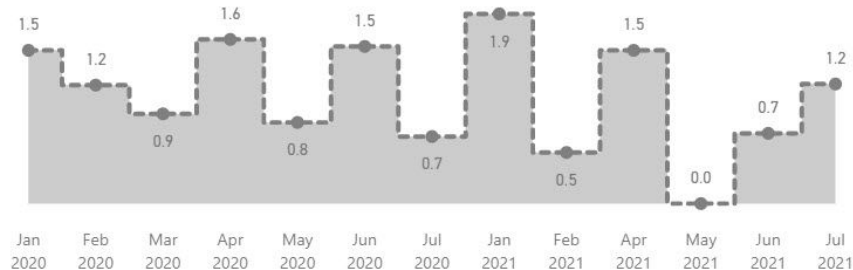
Wait Time Type & Type of Stay



Nº of Patients, Avg LOS and Treatment Cost



Avg Length of Stay





DOCTORS

Hospital Analytics

2020

Jan

Feb

Mar

Apr

2021

May

Jun

Jul

Aug

2022

Sep

Oct

Nov

Dec

Aaron, James

Becker, Renee

Billis, Helen

Bugali, Josephine

Carey, Michael

Favis, Donald

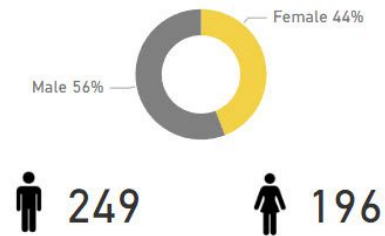
Liebig, Ketsia

Roehrich, Bianca

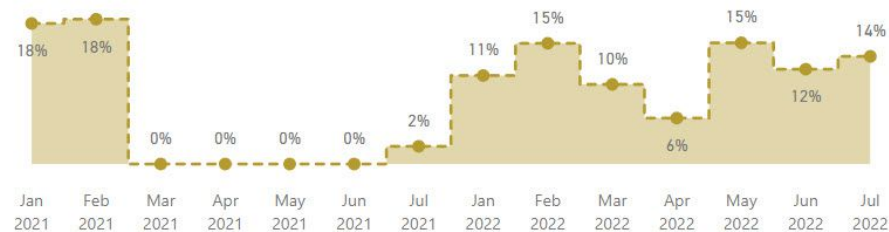
Salter, Jason

Steans, Tyrone

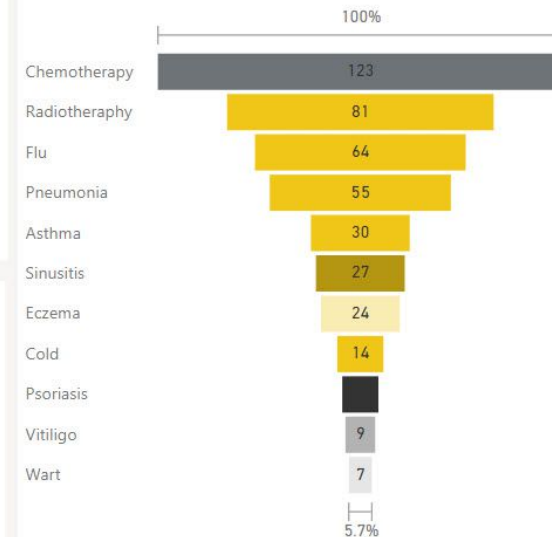
Patients' Gender



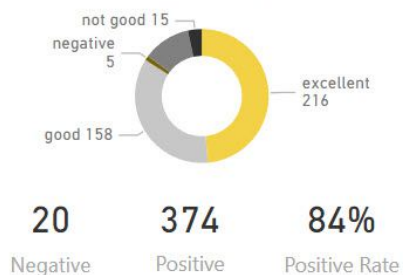
Readmission Rate



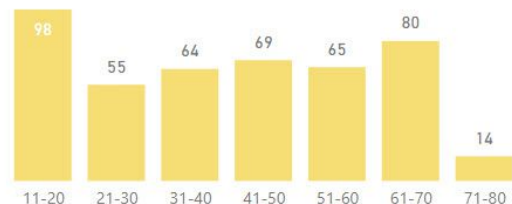
Treatment



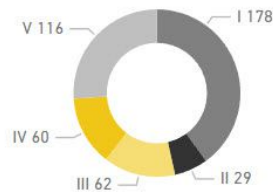
Satisfaction



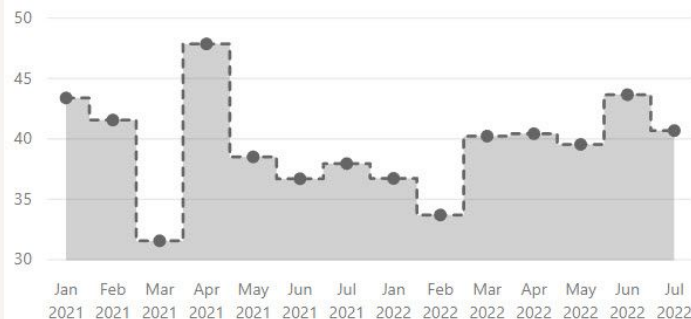
Patients' Age



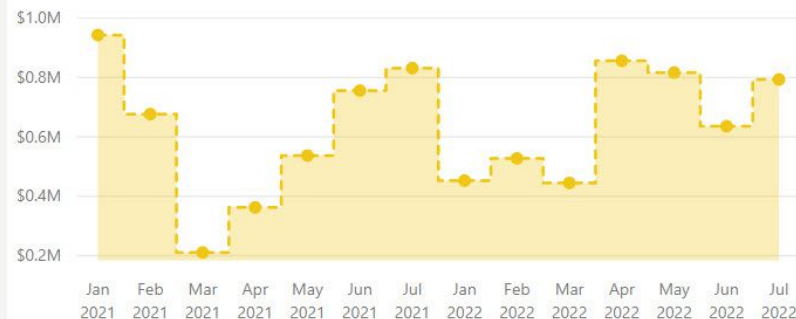
Risk Level



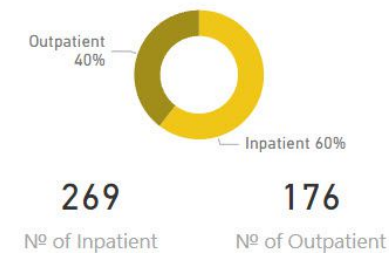
Avg of Wait Time



Treatment Cost



Patient Status





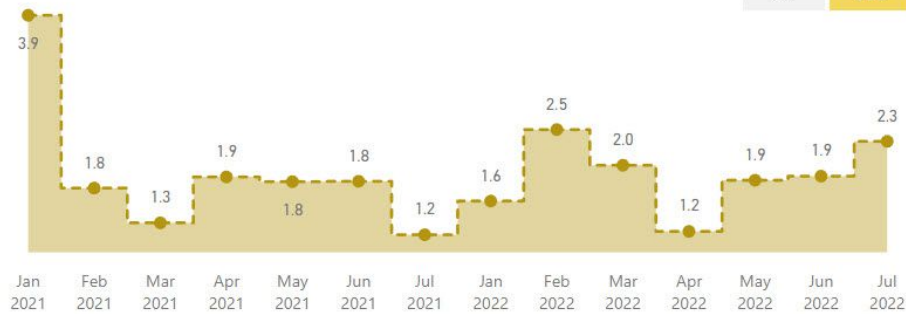
PATIENTS

Hospital Analytics

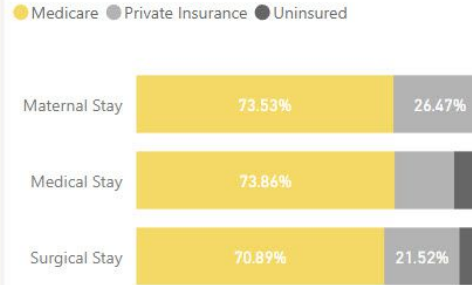
2020	Jan	Feb	Mar	Apr
2021	May	Jun	Jul	Aug
2022	Sep	Oct	Nov	Dec

Cardiology	Dermatology	Gynaecology	Neurology
Oncology	Orthopaedics	Respiratory Medicine	Women's and Babies

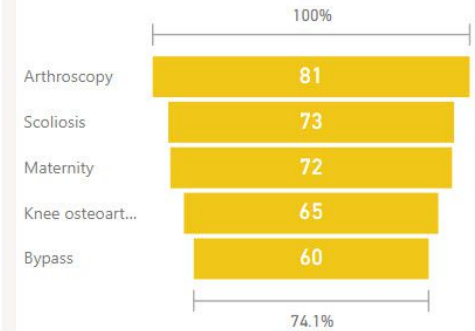
Avg Length of Stay



Type of Stay & Payer



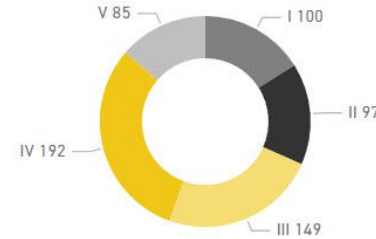
Top 5 Treatments



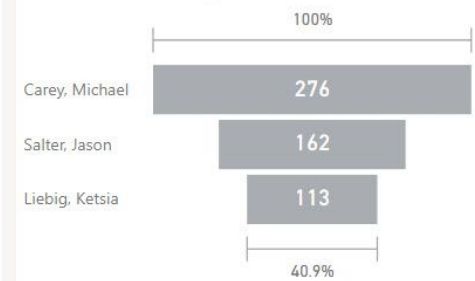
Treatment Cost



Risk Level



Top 3 Doctors



Nº of Patients & Treatment Cost

Outpatient 403

\$3.2M

Male 260

\$2.6M

Admission 515

\$3.8M

Positive 536

\$4.0M

Inpatient 220

\$1.3M

Female 363

\$2.0M

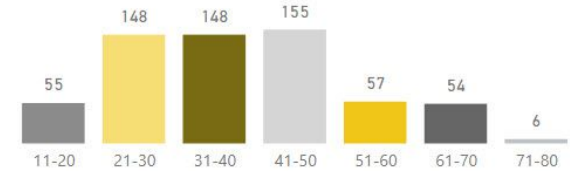
Readmission 108

\$0.8M

Negative 87

\$0.6M

Patients' Age





SATISFACTION

Hospital Analytics

2020	Jan	Feb	Mar	Apr
2021	May	Jun	Jul	Aug
2022	Sep	Oct	Nov	Dec

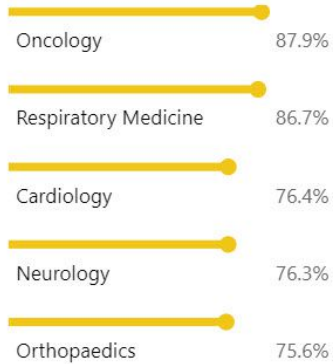
835	43%	80%	835	4.1
Nº of Patients	Inpatient Rate	Satisfaction Rate	Patients Surveyed	Avg Score

excellent	★★★★★	47.9%
good	★★★★	32.2%
not good	★★★	8.6%
neutral	★★	8.9%
negative	★	2.4%

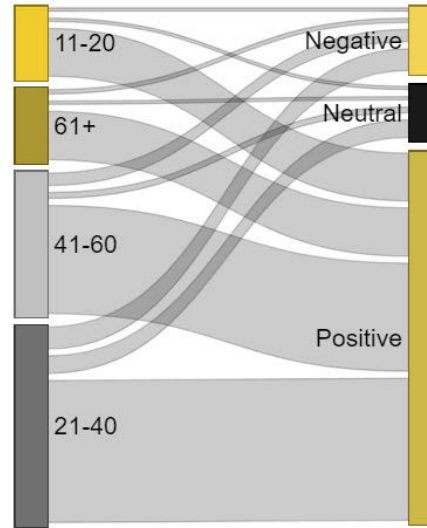
407 428

94 Negative 669 Positive 80% Positive Rate

Satisfaction Rate for Top 5 Divisions



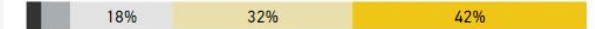
Satisfaction by Age Group



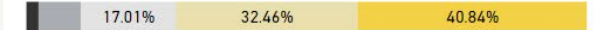
Survey Questions

Survey Score ● 1 ● 2 ● 3 ● 4 ● 5

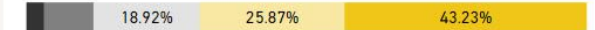
#1: How easy was it to schedule an appointment with our facility?



#2: How long did you wait (beyond your appointment time) to be seen by the provider?



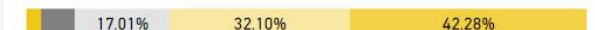
#3: How satisfied are you with the cleanliness and appearance of our facility?



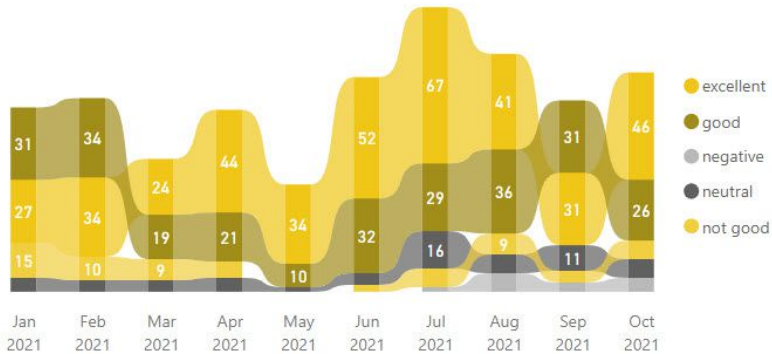
#4: How would you rate the overall care you received from your provider?



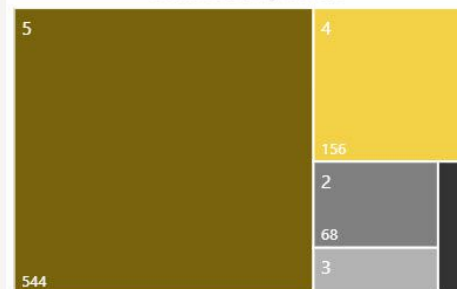
#5: How likely are you to recommend our facility to a friend or family member?



Satisfaction Status



Satisfaction by Nurse





DATE & TIME

Hospital Analytics



2020

2021

2022

Jan

May

Sep

Feb

Jun

Oct

Mar

Jul

Nov

Apr

Aug

Dec

847

Nº of Patients

37%

Inpatient Rate

83%

Satisfaction Rate

Inpatient/Outpatient

No. of Patients

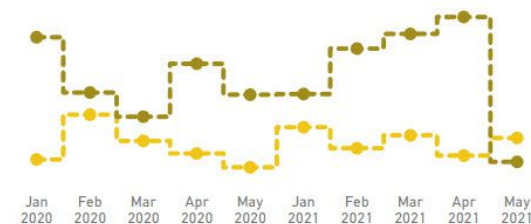
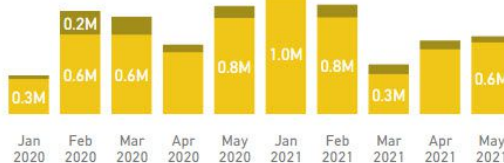
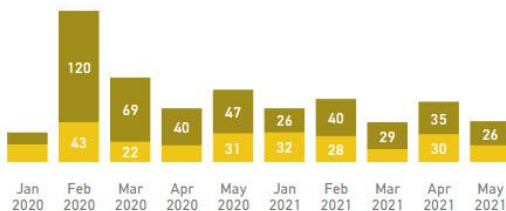
Treatment Cost

Avg Wait Time

😊 Positive 83%

🚶 445

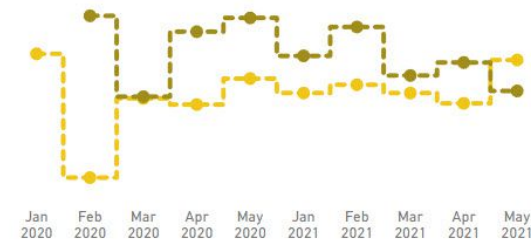
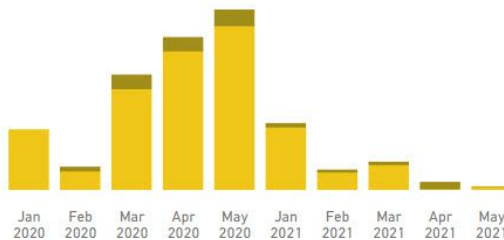
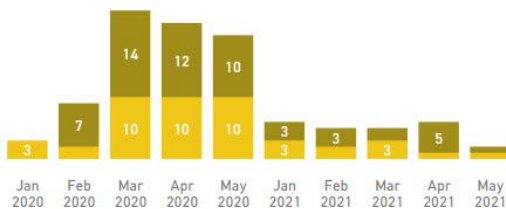
🏠 255



😐 Neutral 12%

🚶 57

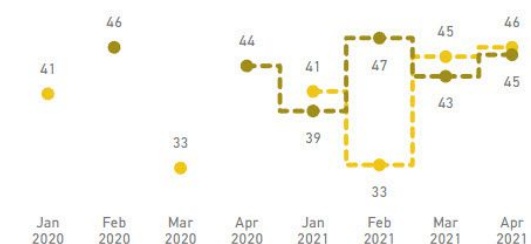
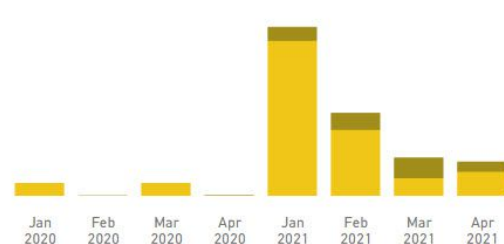
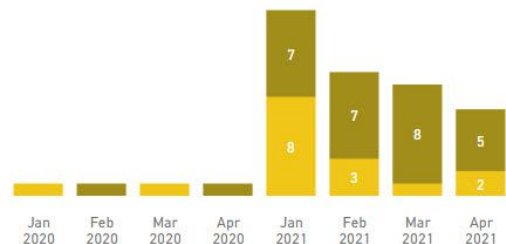
🏠 45



😞 Negative 5%

🚶 29

🏠 16



Go back

Date & Time



132%



SCORECARD

Hospital Analytics

2020

Jan Feb Mar Apr

2021

May Jun Jul Aug

2022

Sep Oct Nov Dec

501

Nº of Patients

203

Nº of Inpatient

298

Nº of Outpatient

75%

Satisfaction Rate

4.0

Avg Score

Category	Subcategory	Metric Name	Current Value	KPI Status	Sparklines
Financial Performance	Net Position	Budget Performance	120,000	▲ +25.03 %	
Workforce Performance	Employee Movement	Workforce FTE	120,000	▲ +13.76 %	
	Leave Liability	Excess Accrued Days Off	145,000	● -0.52 %	
		Excess Annual Leave	100,000	◆ -18.40 %	
	Overtime	Overtime Cost	125,000	▲ +8.59 %	
		Overtime FTE	120,000	▲ +6.86 %	
	Sick Leave	Sick Leave Cost	118,000	● -0.79 %	
		Sick Leave FTE	115,000	● -0.19 %	