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Healthcare claims and Readmission Analytics

MASSACHUSETTS GENERAL HOSPITAL(2011-2022).

28K

Total Visits

\$102M

Total Claims Cost

820

Active Patient

154

Deceased Patient

\$84M

Cost-> Survived

\$18M

Cost-> Deceased

48.71%

Uninsured Rate %

14K

Uninsured Patient

### Annual Visits by Year

Year	Visits
2012	1.3K
2013	2.5K
2014	3.9K
2015	2.5K
2016	2.5K
2017	2.4K
2018	2.3K
2019	2.2K
2020	2.5K
2021	3.5K
2022	0.2K

### Total Claim Cost and Average Claim Cost by Year

Year	Total Claim Cost (\$M)	Average Claim Cost
2012	\$4.4M	3298
2013	\$10.1M	4301
2014	\$12.0M	3092
2015	\$10.1M	4101
2016	\$8.4M	3422
2017	\$9.6M	4066
2018	\$8.7M	3816
2019	\$8.9M	4087
2020	\$10.3M	4087
2021	\$0.7M	2600
2022	\$0.7M	3143

### Top 10 Procedure by Frequency(with Avg Base Cost)

Procedure	Frequency	Average Base Cost
Assessm... of healt...	4.6K	0.4K
Hospice care (re...	4.1K	0.4K
Depressi... screenin...	3.6K	0.4K
Depressi... screenin...	3.6K	0.4K
Assessm... of subst...	2.9K	0.4K
Renal dialysis (...)	2.7K	1.0K
Assessm... using M...	2.4K	0.4K
Assessm... of anxiet...	2.3K	0.4K
Medicati... Reconcil...	2.3K	0.5K
Screening for drug...	1.5K	0.4K

### Encounter Class Distribution by Year(%)

Year	ambulatory	emergency	inpatient	outpatient	urgentcare	wellness
2012	50%	5%	5%	20%	10%	10%
2013	45%	5%	5%	20%	15%	10%
2014	60%	5%	5%	15%	10%	5%
2015	45%	5%	5%	20%	15%	10%
2016	45%	5%	5%	20%	15%	10%
2017	45%	5%	5%	20%	15%	10%
2018	45%	5%	5%	20%	15%	10%
2019	40%	5%	5%	20%	20%	10%
2020	45%	5%	5%	20%	15%	10%
2021	35%	5%	5%	30%	15%	10%
2022	55%	5%	5%	15%	10%	10%

Year

20112022

CITY

All

RACE: All

asianhawaiianother

blacknativewhite

### Encounter Duration Breakdown(% of Total)

Duration	Percentage
under 24 hour...	97.35% (97.35%)
over 24 hours	2.65% (2.65%)

### Total Claim Cost by NAME

NAME	Total Claim Cost (\$M)
Unspecified	\$49M
Medicare	\$25M
Medicaid	\$9M
Humana	\$4M
Blue Cross Blue ...	\$3M
Anthem	\$3M
Aetna	\$3M
UnitedHealthcare	\$3M
Cigna Health	\$2M
Dual Eligible	\$2M

### Top 5 Patient Contributing To Total Claim Cost

Patient ID	Total Claim Cost (\$M)
3f523789-55f3...	\$9.9M
ff331e5c-ab16-...	\$6.4M
a733bbc1-cbdf...	\$3.0M
2aa3ac2a-88c6...	\$2.7M
1712d26d-822...	\$2.4M

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🏥

28K

Total Visits

📈

\$102M

Total Claims Cost

👤

820

Active Patient

🛏️

154

Deceased Patient

🚑

\$84M

Cost-> Survived

🛖

\$18M

Cost-> Deceased

🛡️

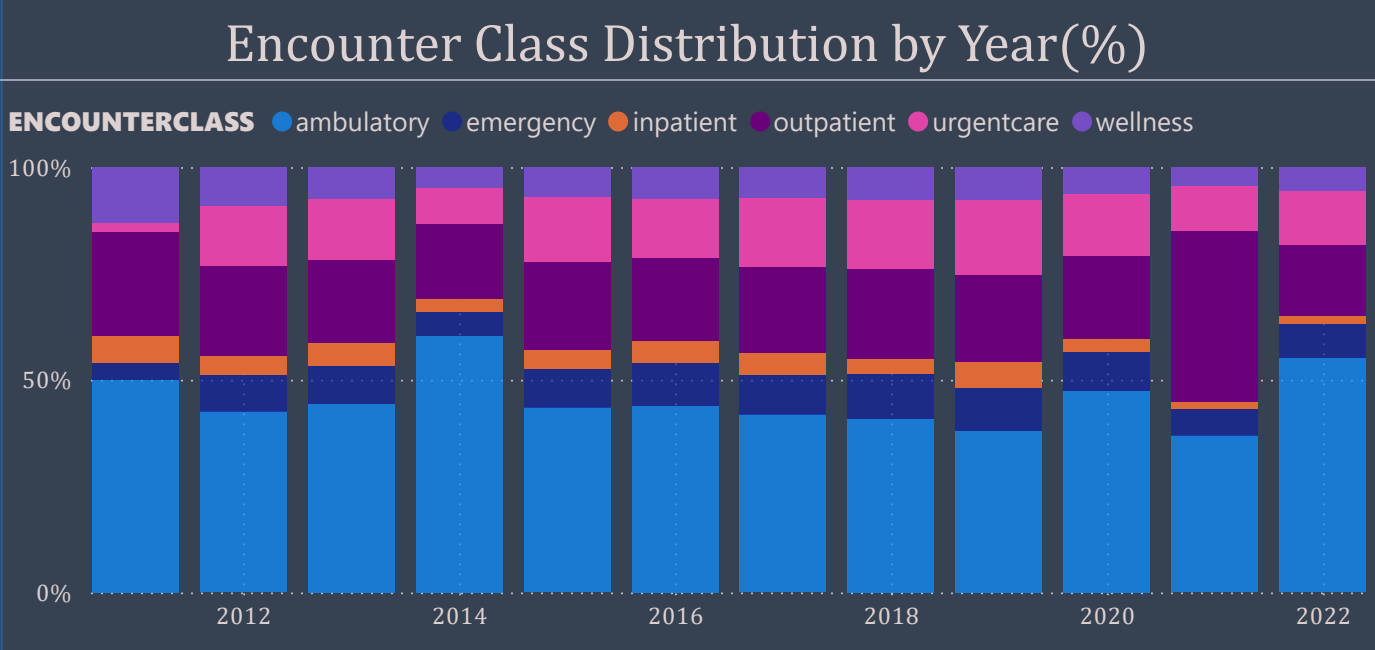
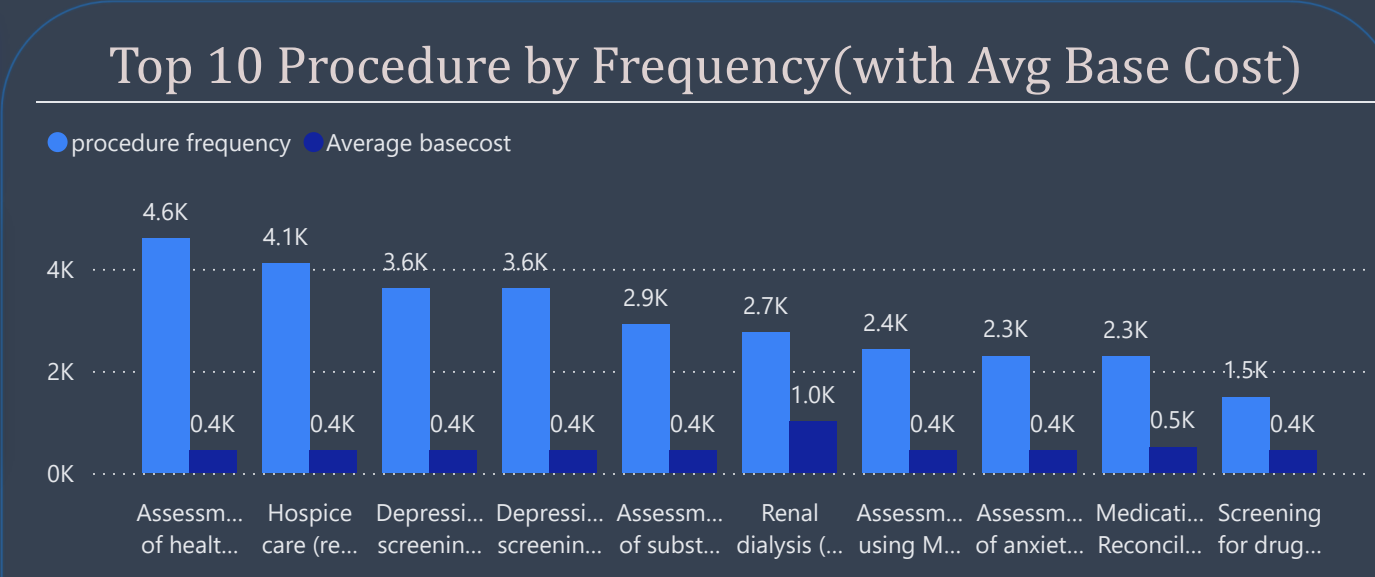
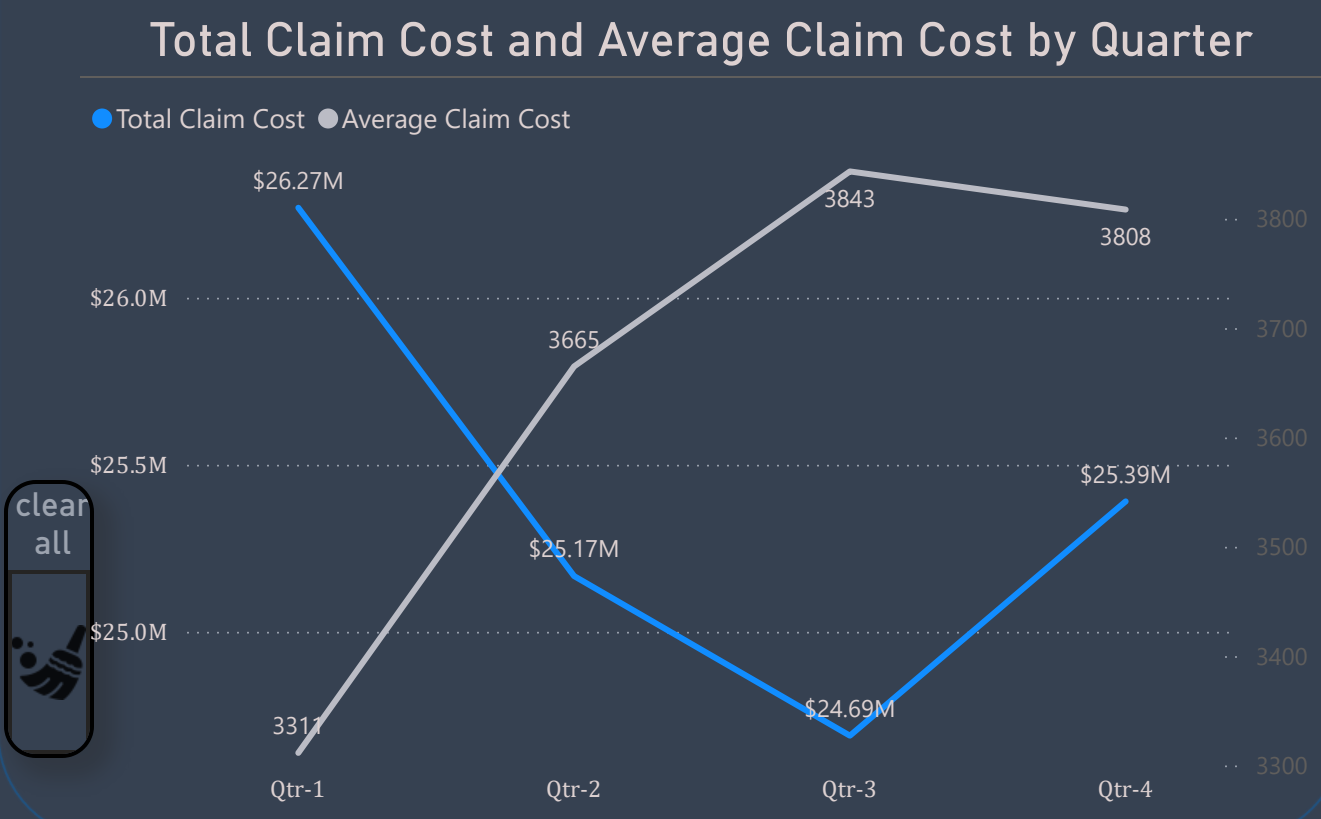
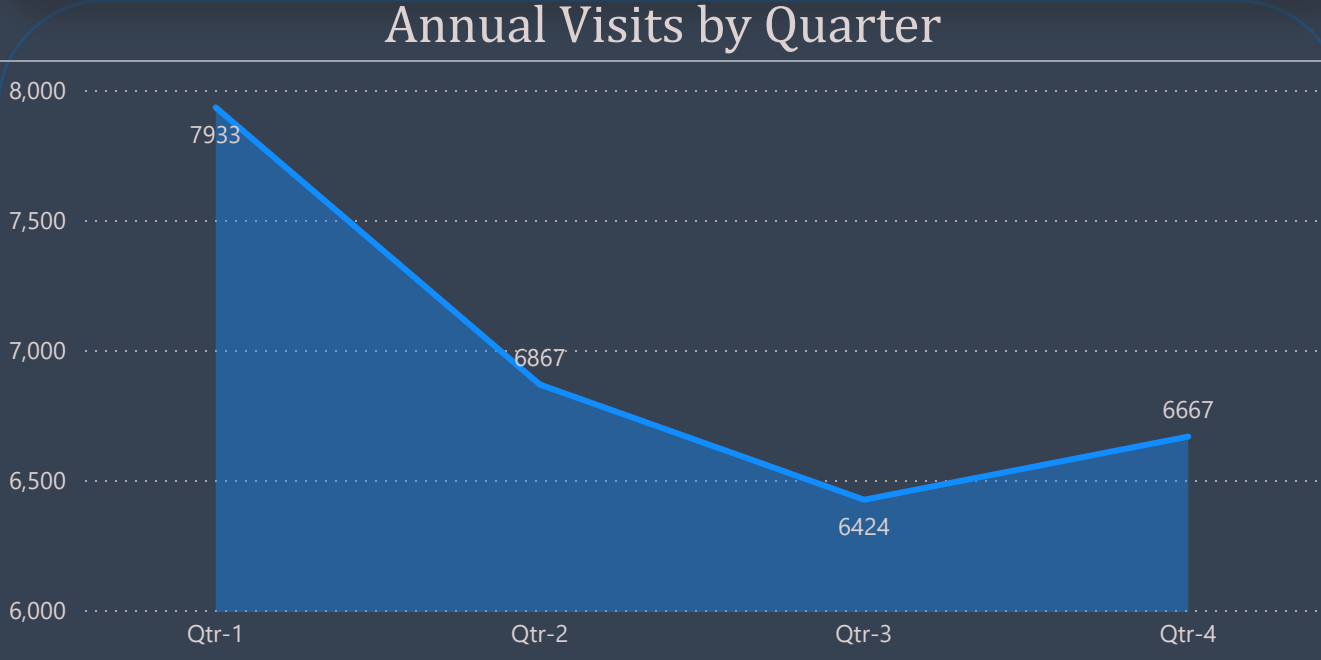
48.71%

Uninsured Rate %

☔

14K

Uninsured Patient



Year

20112022

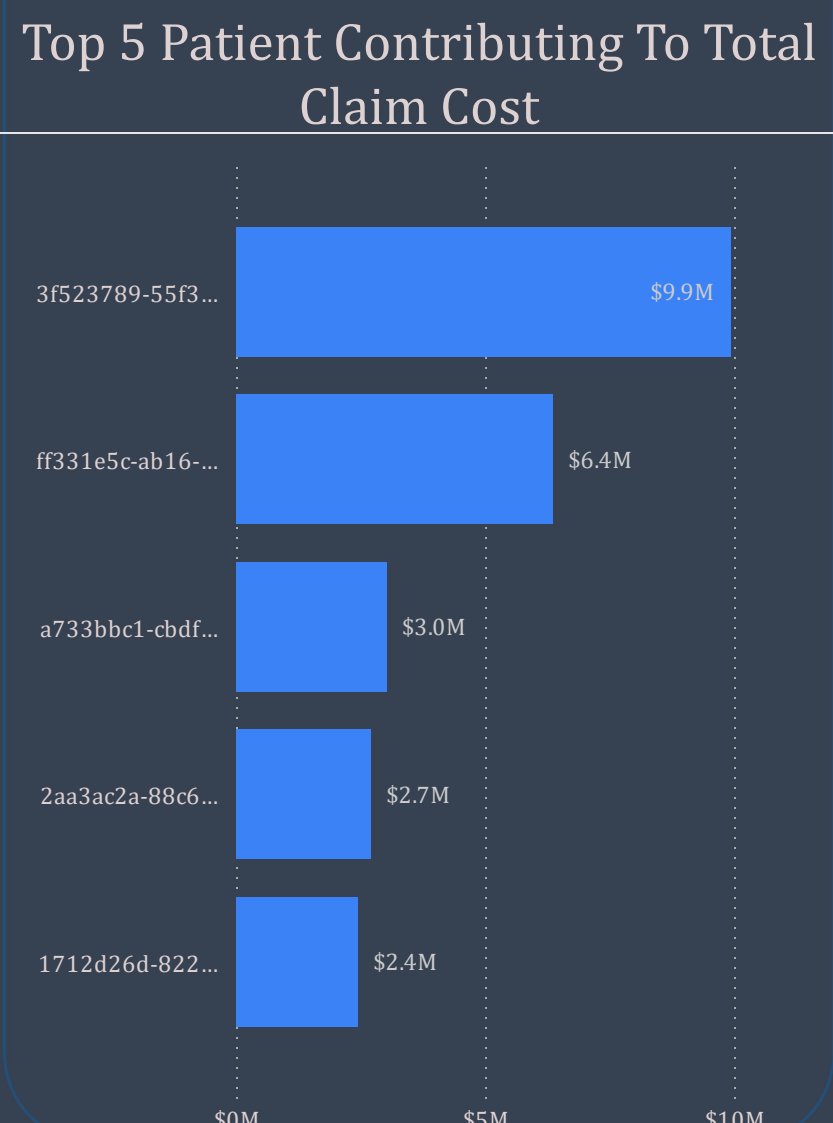
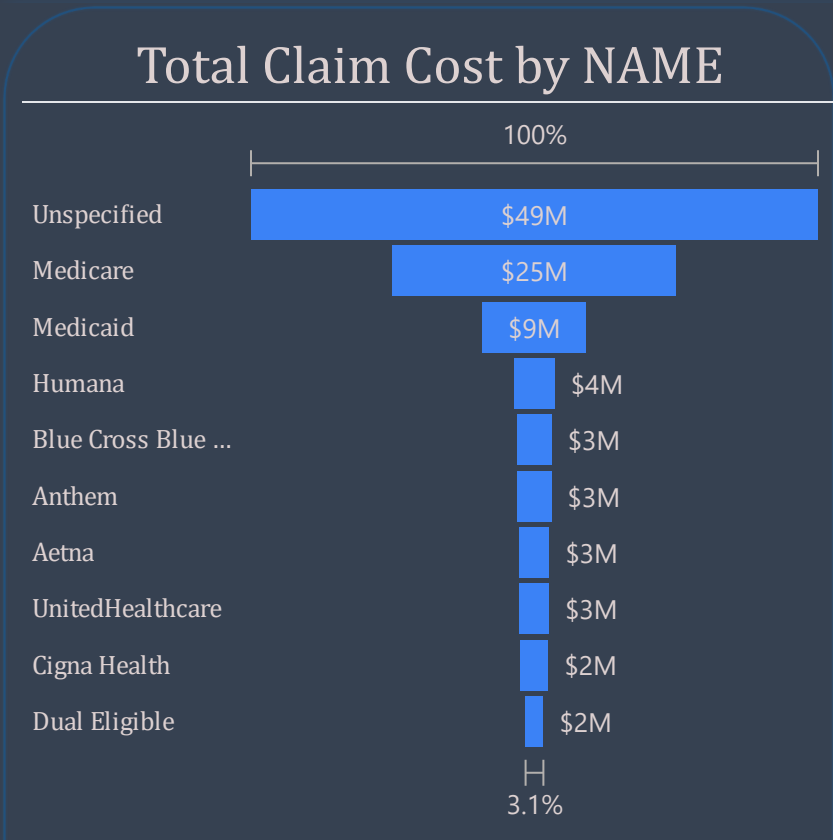
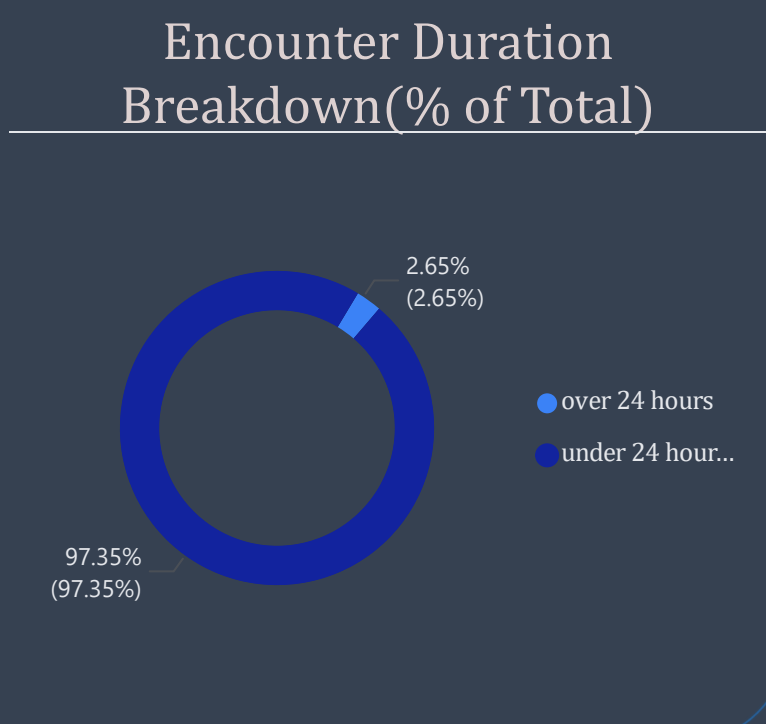
CITY

All

RACE: All

asianhawaiianother

blacknativewhite



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Healthcare claims and Readmission Analytics  
MASSACHUSETTS GENERAL HOSPITAL(2011-2022).

🏥

15K

Total Visits

💰

\$50M

Total Claims Cost

👤

788

Active Patient

🛏️

146

Deceased Patient

🏠

\$45M

Cost-> Survived

🚑

\$5M

Cost-> Deceased

🛡️

47.52%

Uninsured Rate %

☔

7K

Uninsured Patient

### Annual Visits by Quarter

Quarter	Visits
Qtr-1	3905
Qtr-2	3732
Qtr-3	3469
Qtr-4	3601

### Total Claim Cost and Average Claim Cost by Month

Month	Total Claim Cost (\$M)	Average Claim Cost (\$K)	Visits
Sep	\$3.60M	\$3.183K	3183
Oct	\$4.28M	\$5.840K	3840
Nov	\$4.35M	\$4.341K	3441
May	\$3.89M	\$3.059K	3059
Mar	\$4.01M	\$2.886K	2886
Jun	\$4.52M	\$4.52M	3858
Jul	\$4.25M	\$3.554K	3554
Jan	\$5.51M	\$3.915K	3915
Feb	\$3.40M	\$2.913K	2913
Dec	\$4.69M	\$3.834K	3834
Aug	\$4.29M	\$3.753K	3753
Apr	\$3.67M	\$2.847K	2847

clear all

👤

### Top 10 Procedure by Frequency(with Avg Base Cost)

Procedure	Frequency (K)	Average Base Cost (\$K)
Assessm... of healt...	2.5K	0.4K
Depressi... screenin...	1.9K	0.4K
Depressi... screenin...	1.9K	0.4K
Hospice care (re...	1.7K	0.4K
Renal dialysis (...)	1.7K	1.0K
Assessm... of subst...	1.6K	0.4K
Assessm... using M...	1.3K	0.4K
Medicati... Reconcil...	1.2K	0.5K
Assessm... of anxiet...	1.2K	0.4K
Screening for drug...	0.8K	0.4K

### Encounter Class Distribution by Year(%)

Year	ambulatory	emergency	inpatient	outpatient	urgentcare	wellness
2016	45%	5%	5%	25%	15%	5%
2017	45%	5%	5%	25%	15%	5%
2018	45%	5%	5%	25%	15%	5%
2019	45%	5%	5%	25%	15%	5%
2020	45%	5%	5%	25%	15%	5%
2021	45%	5%	5%	25%	15%	5%
2022	45%	5%	5%	25%	15%	5%

Year

2016

2022

CITY

All

RACE: Multiple selections

asian

hawaiian

other

black

native

white

### Encounter Duration Breakdown(% of Total)

Duration	Percentage
under 24 hour...	97.16% (97.16%)
over 24 hours	2.84% (2.84%)

### Total Claim Cost by NAME

NAME	Claim Cost (\$M)
Unspecified	\$24M
Medicare	\$13M
Medicaid	\$4M
Humana	\$2M
Cigna Health	\$2M
Blue Cross Blue ...	\$1M
Anthem	\$1M
Aetna	\$1M
UnitedHealthcare	\$1M
Dual Eligible	\$1M

### Top 5 Patient Contributing To Total Claim Cost

Patient ID	Claim Cost (\$M)
3f523789-55f3...	\$6.1M
1712d26d-822...	\$1.8M
2aa3ac2a-88c6...	\$1.8M
a733bbc1-cbdf...	\$1.7M
eda6bc14-b23...	\$1.1M

←

Healthcare claims and Readmission Analytics  
MASSACHUSETTS GENERAL HOSPITAL(2011-2022).

🏥

158

Total Visits

📈

\$1M

Total Claims Cost

👤

114

Active Patient

🛏️

28

Deceased Patient

🚑

\$1M

Cost-> Survived

🛖

\$999

Cost-> Deceased

🛡️

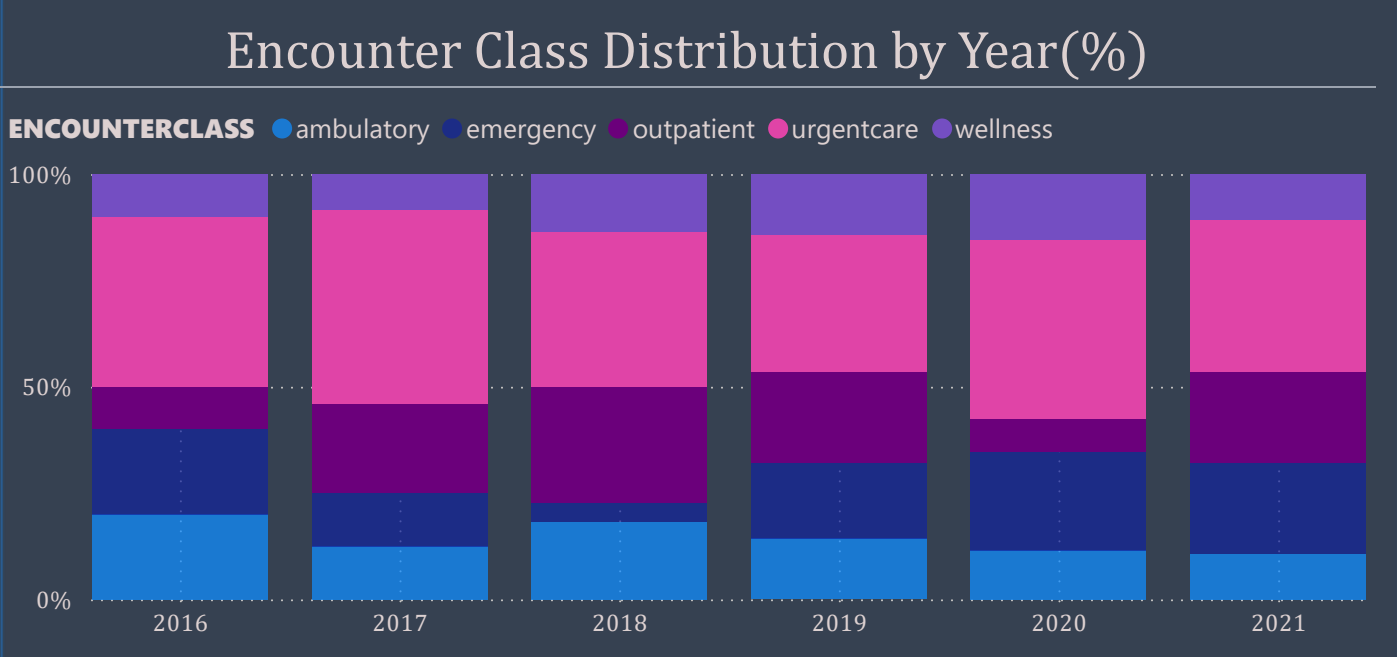
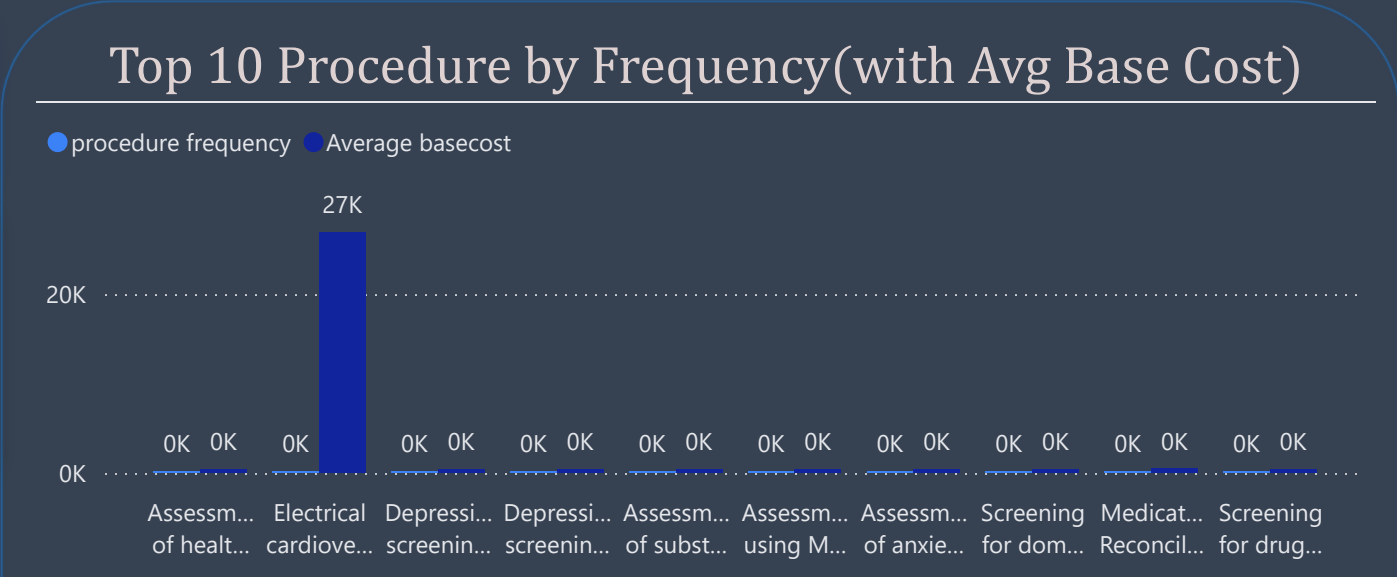
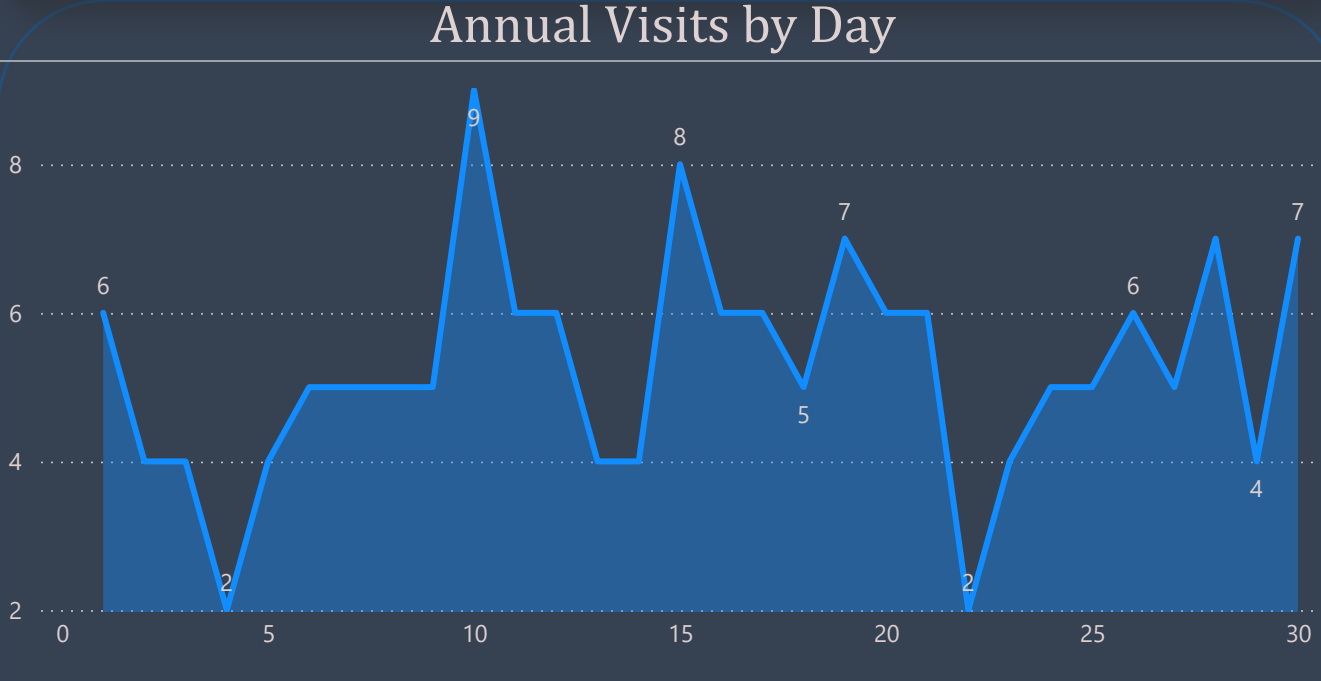
39.24%

Uninsured Rate %

☔

62

Uninsured Patient



### Encounter Duration Breakdown(% of Total)

Year

20162022

Year slider

CITY

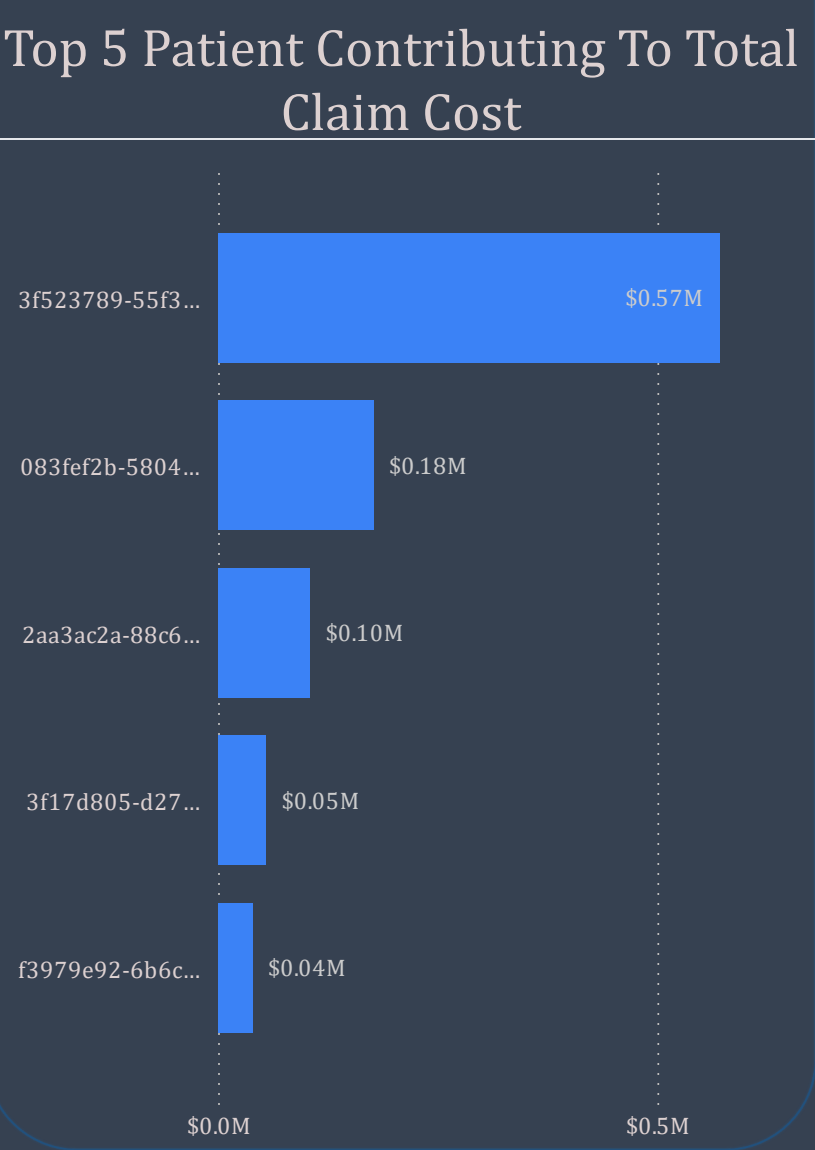
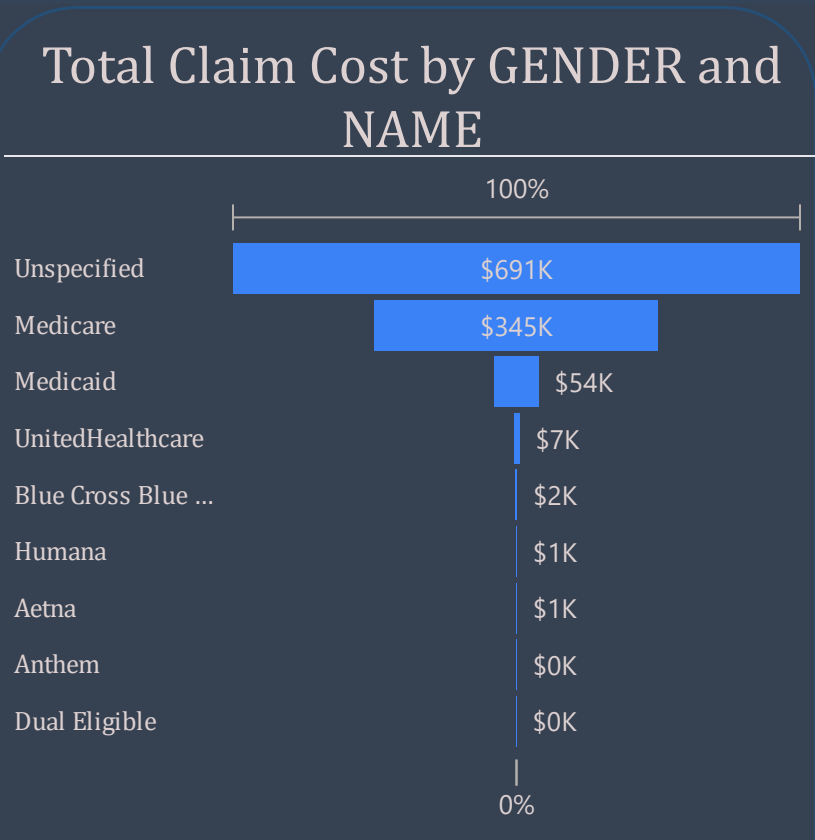
All

RACE: Multiple selections

asianhawaiianotherblacknativewhite

100.... (10...)

under 24 hour...



hospitaldata • Last saved: Today at 4:24 PM

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DEATHDATE

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ETHNICITY

GENDER

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MARITAL

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Patient Status

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Collapse

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BASE\_ENCOUNTER\_COST

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Day

Day Name

DESCRIPTION

Duration group

Encounter duration

ENCOUNTERCLASS

Id

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Match status

Month Name

ORGANIZATION

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PAYER

PAYER\_COVERAGE

Quarter

Reason Code

Reason Description

start date time

times

TOTAL\_CLAIM\_COST

Year

% of encounter

Collapse

payers

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DESCRIPTION

ENCOUNTER

PATIENT

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Start Date

Start Day Name

Start Time

Stop Date

Stop Time

Average basecost

procedure frequency

Collapse

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71%