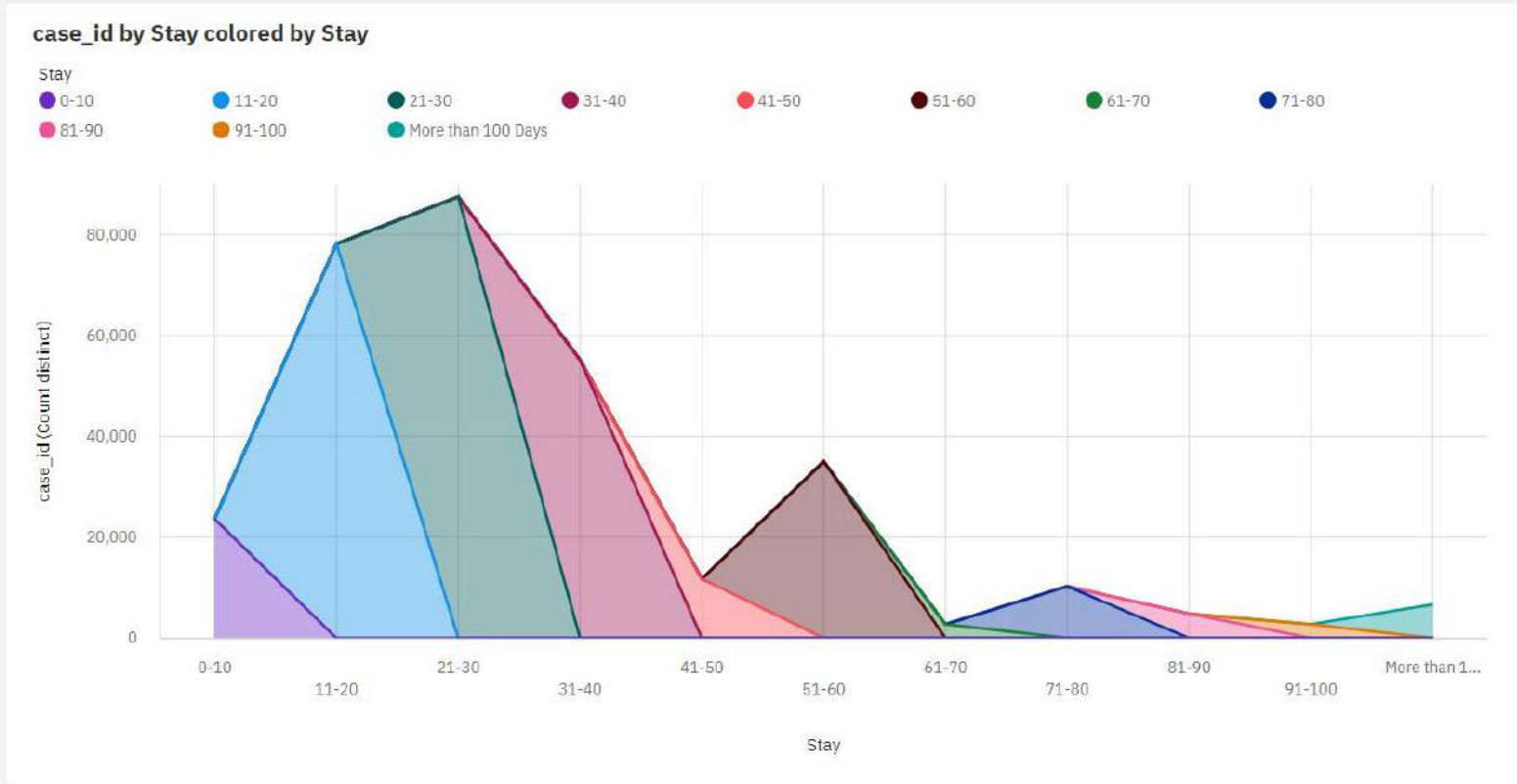


## **Sprint-2:**

### **Data Exploration:**

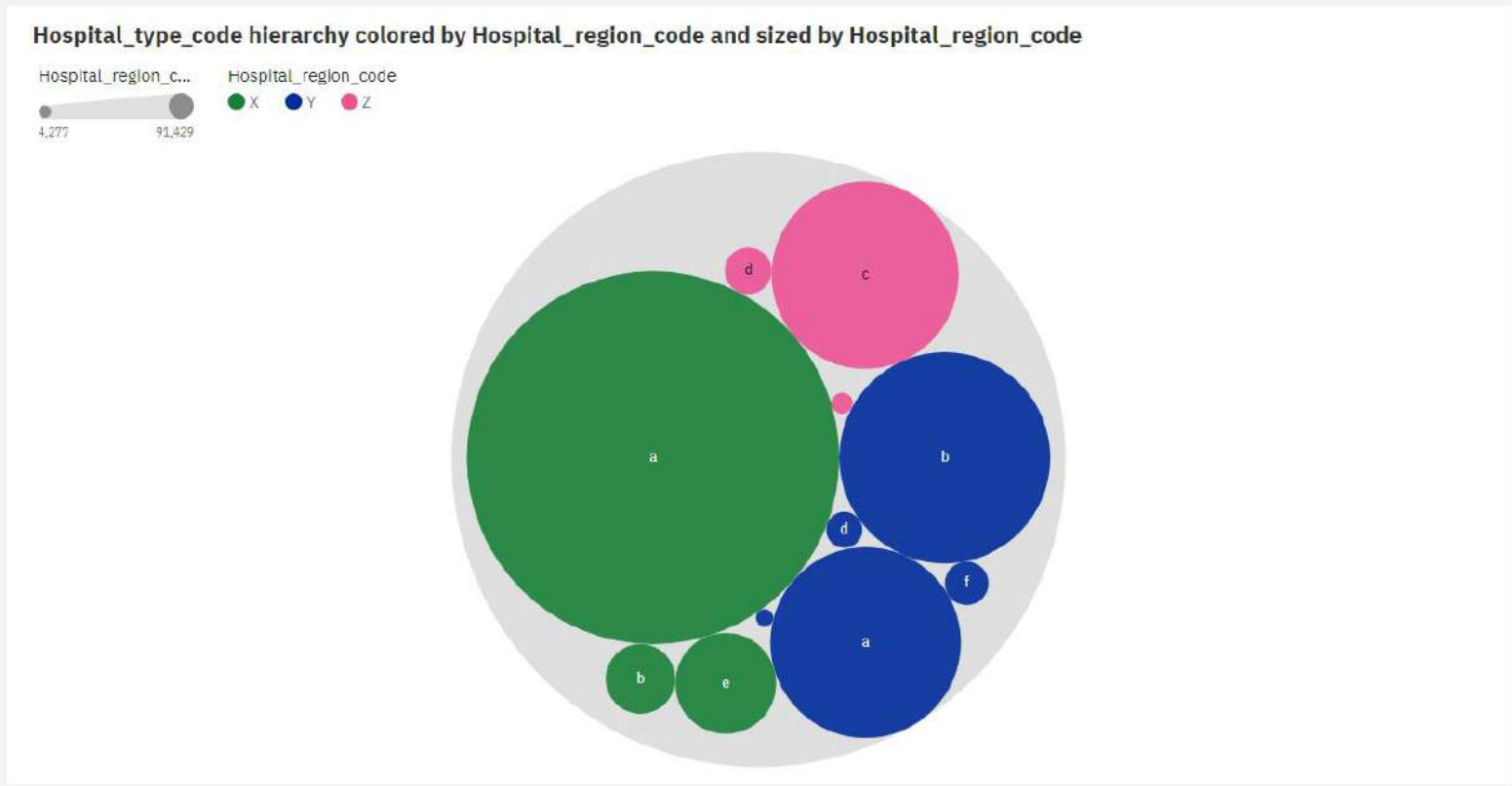
- **Case\_id by Stay colored by Stay**
- **Hospital\_type\_code hierarchy colored by Hospital\_region\_code and sized by Hospital\_region\_code**
- **Visitors with Patient by Type of Admission**
- **Patientid by Severity of Illness and Type of Admission**
- **Visitors with Patient for Department hierarchy**
- **Bed Grade by Stay**
- **City\_Code\_Patient for Department**
- **Ward\_Facility\_Code colored by Ward\_Type| sized by Bed Grade**
- **Patientid by Age colored by Severity of Illness**
- **Hospital\_region\_code for Hospital\_region\_code regions**



### Details

The total number of results for **case\_id** is 318,438.

The most common values of **Stay** are 21-30 (27.5 %), 11-20 (24.5 %), and 31-40 (17.3 %), together occurring nearly 221 thousand times, which is 69.3 % of the total.



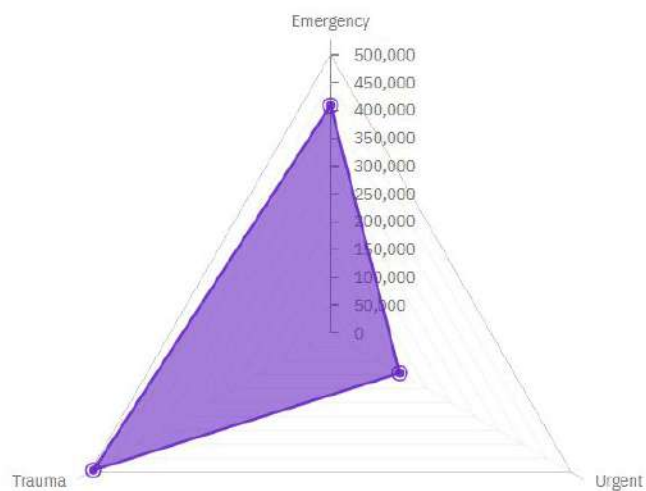
### Details

The total number of results for **Hospital\_region\_code**, across all **Hospital\_type\_code**, is over 318 thousand.

The most common value of **Hospital\_type\_code** is a, occurring over 143 thousand times, which is 45 % of the total.

The most common values of **Hospital\_region\_code** are X (41.9 %) and Y (38.4 %), together occurring nearly 256 thousand times, which is 80.3 % of the total.

### Visitors with Patient by Type of Admission

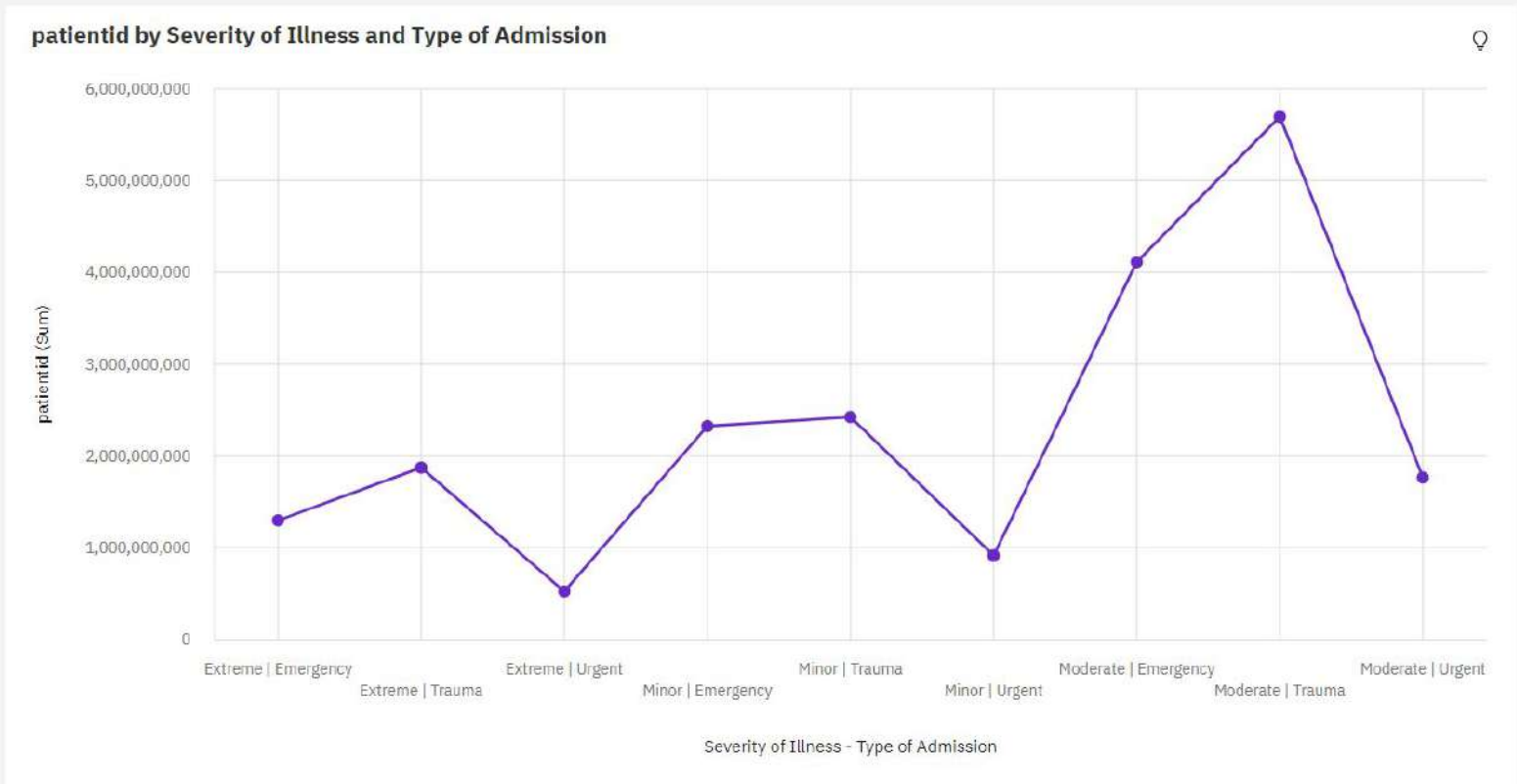


### Details



### No details found

No details were found for this visualization.



### Details

Over all **severity of illness - type of admissions**, the sum of **patientId** is 9.

**patientId** ranges from 0, when **Severity of Illness - Type of Admission** is Extreme|Emergency, to 2, when **Severity of Illness - Type of Admission** is Extreme|Emergency.

**patientId** is unusually high when **Severity of Illness - Type of Admission** is Moderate|Trauma.

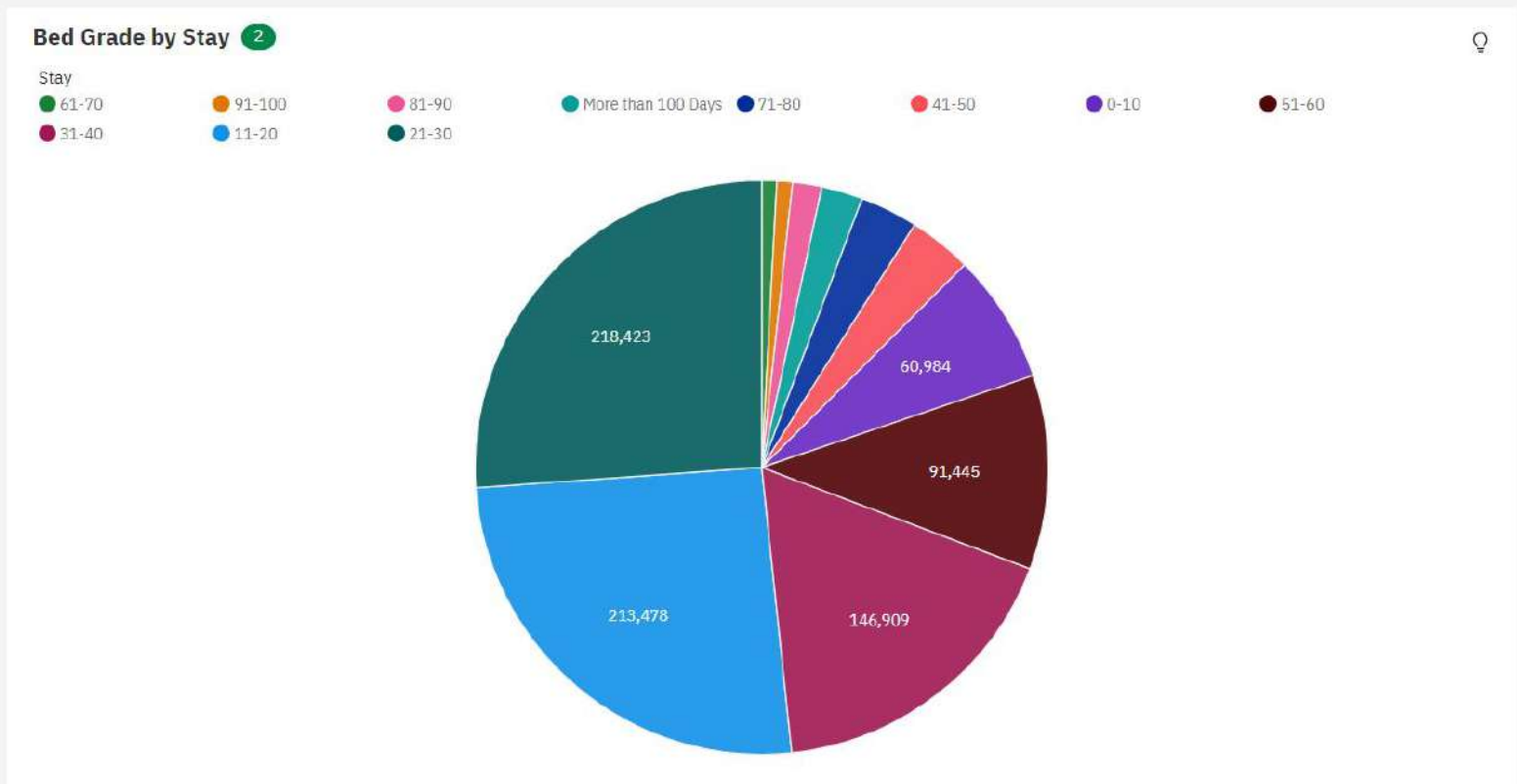


## Details

Across all **departments**, the sum of **Visitors with Patient** is over 1.0 million.

**Visitors with Patient** ranges from over 4500, when **Department** is surgery, to over 821 thousand, when **Department** is gynecology.

**Visitors with Patient** is unusually high when **Department** is gynecology.



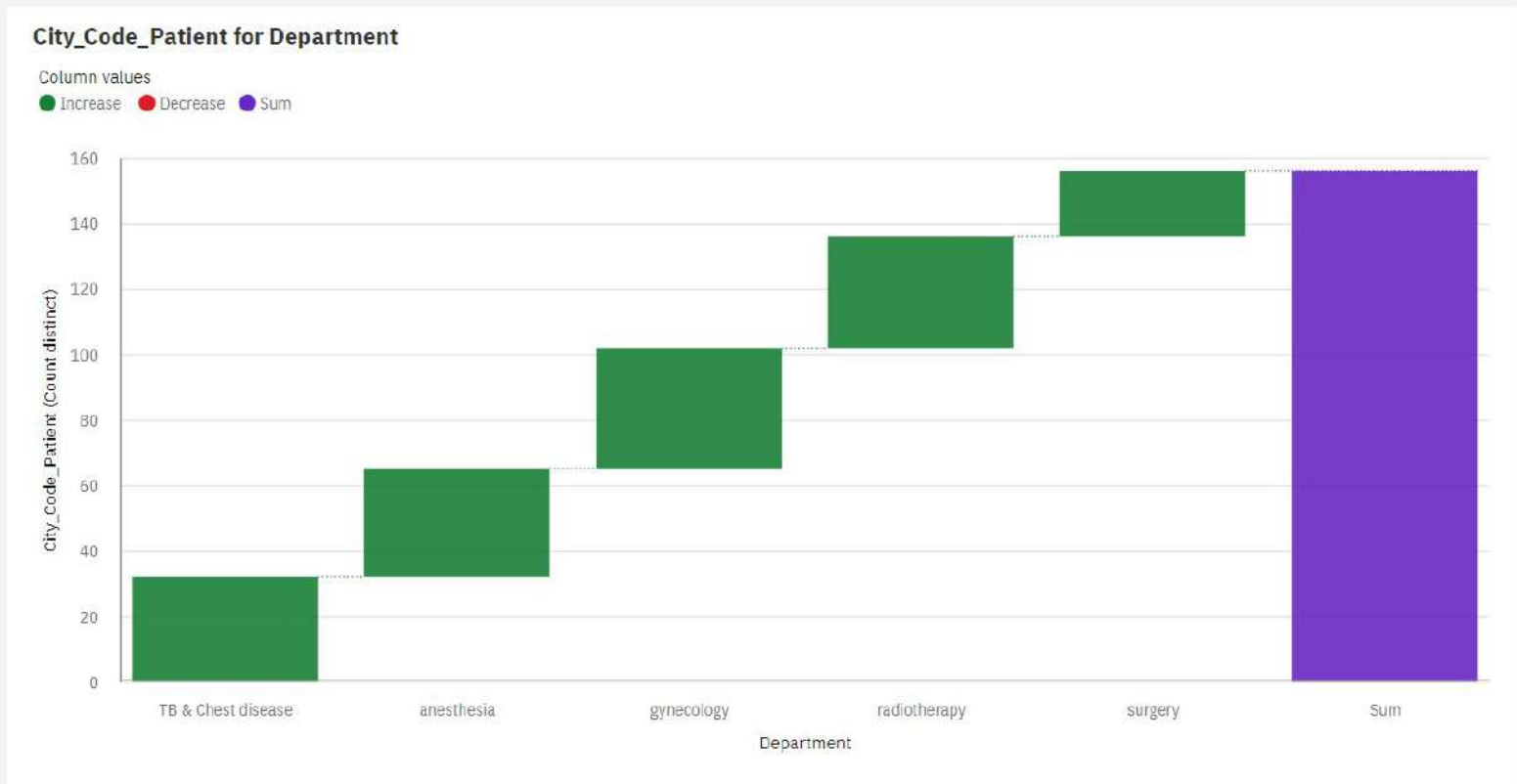
### Details

Over all **stays**, the sum of **Bed Grade** is almost 836 thousand.

For **Bed Grade**, the most significant values of **Stay** are 21-30, 11-20, and 31-40, whose respective **Bed Grade** values add up to nearly 579 thousand, or 69.2 % of the total.

**Bed Grade** ranges from over seven thousand, when **Stay** is 61-70, to over 218 thousand, when **Stay** is 21-30.

**Bed Grade** is unusually high when **Stay** is 21-30 and 11-20.

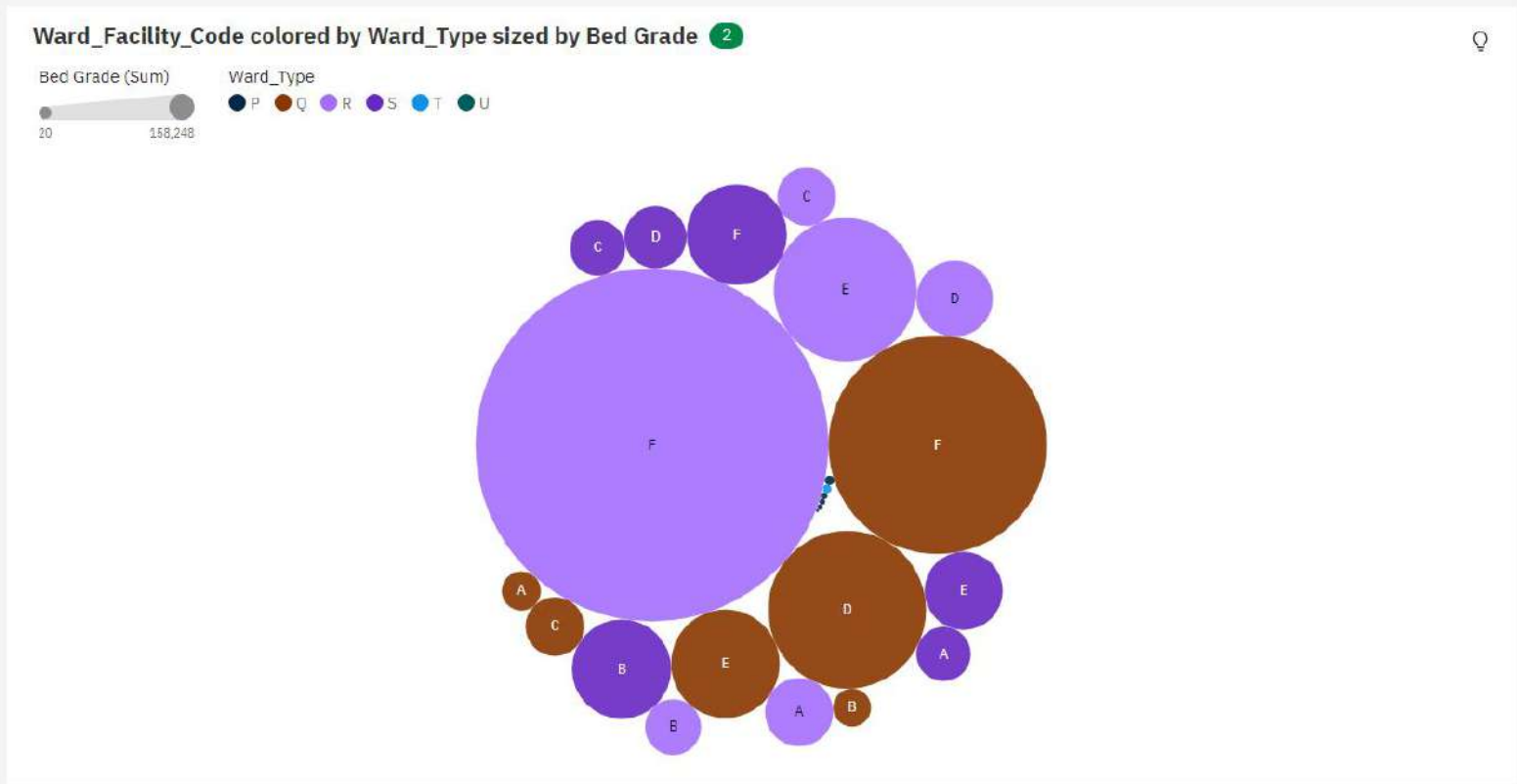


### Details

The total number of results for **City\_Code\_Patient**, across all **departments**, is almost 314 thousand.

The most common value of **Department** is gynecology, occurring nearly 246 thousand times, which is 78.4 % of the total.





Details

Over all values of **Ward\_Facility\_Code** and **Ward\_Type**, the sum of **Bed Grade** is almost 836 thousand.

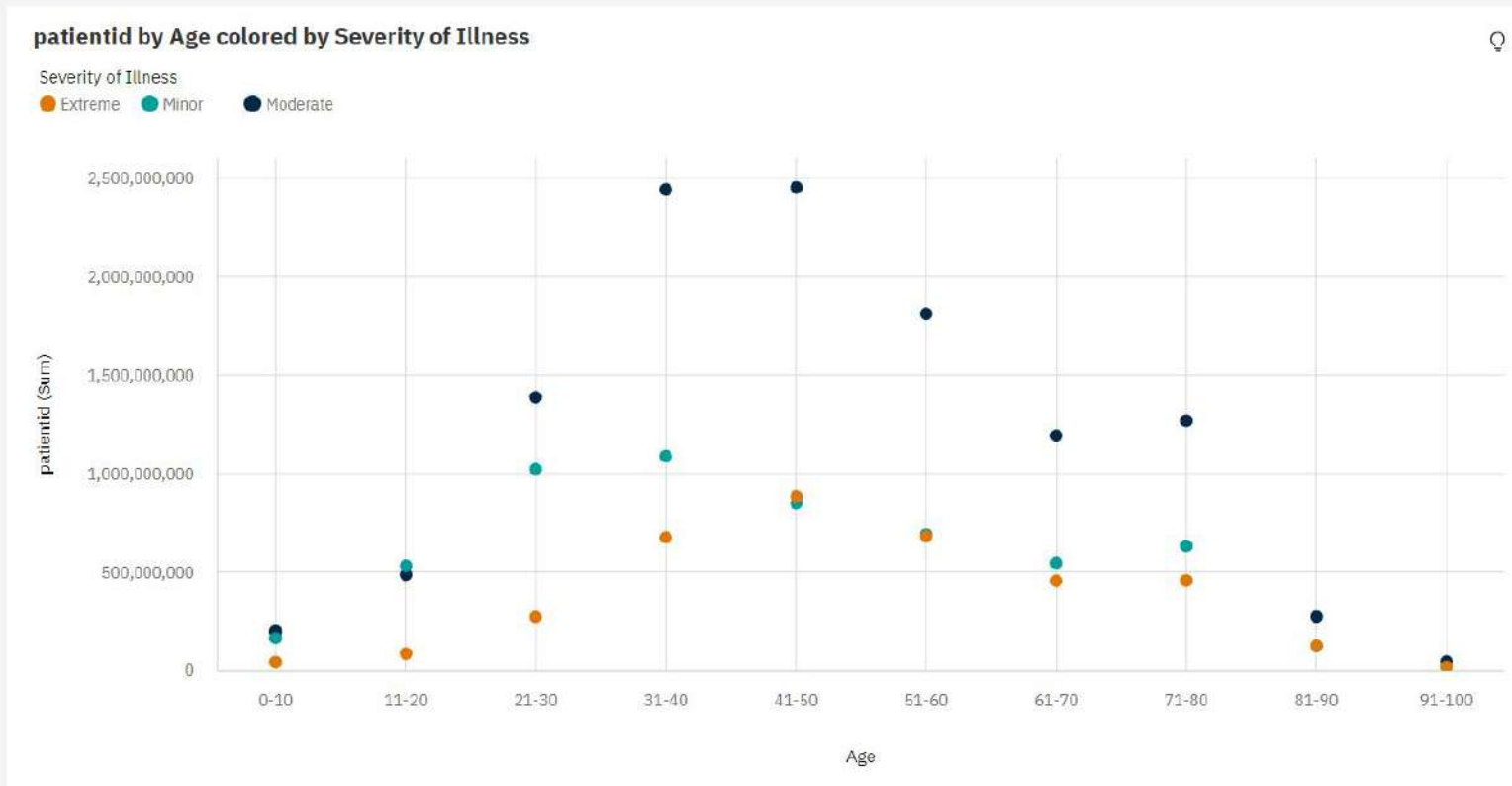
For **Bed Grade**, the most significant value of **Ward\_Facility\_Code** is F, whose respective **Bed Grade** values add up to almost 304 thousand, or 36.3 % of the total.

For **Bed Grade**, the most significant values of **Ward\_Type** are R, Q, and S, whose respective **Bed Grade** values add up to over 818 thousand, or 97.9 % of the total.

The summed values of **Bed Grade** range from 20 to over 158 thousand.

**Bed Grade** is unusually high when the combination of **Ward\_Facility\_Code** and **Ward\_Type** is F and R.

**Bed Grade** is unusually high when **Ward\_Type** is R.



### Details

For **patientid**, the most significant values of **Age** are 31-40 and 41-50, whose respective **patientid** values add up to almost 8.4 billion, or 40.1 % of the total.

**patientid** is most unusual when **Age** is 31-40, 41-50 and 91-100.

For **patientid**, the most significant value of **Severity of Illness** is Moderate, whose respective **patientid** values add up to approximately 12 billion, or 55.3 % of the total.

**patientid** is unusually high when **Severity of Illness** is Moderate.

Over all **ages** and **severity of illnesses**, the sum of **patientid** is approximately 21 billion.

The summed values of **patientid** range from over 18 million to almost 2.5 billion.



### Details

The total number of results for **Hospital\_region\_code**, across all **Hospital\_region\_code**, is over 318 thousand.