



# **North Central Regional Trauma Advisory Council**

**A BRIEF LOOK AT OUR REGION'S DATA - CY 2021**

**(DATA AS OF 3/9/2022)**

# TOTAL RECORDS

## For CY 2021

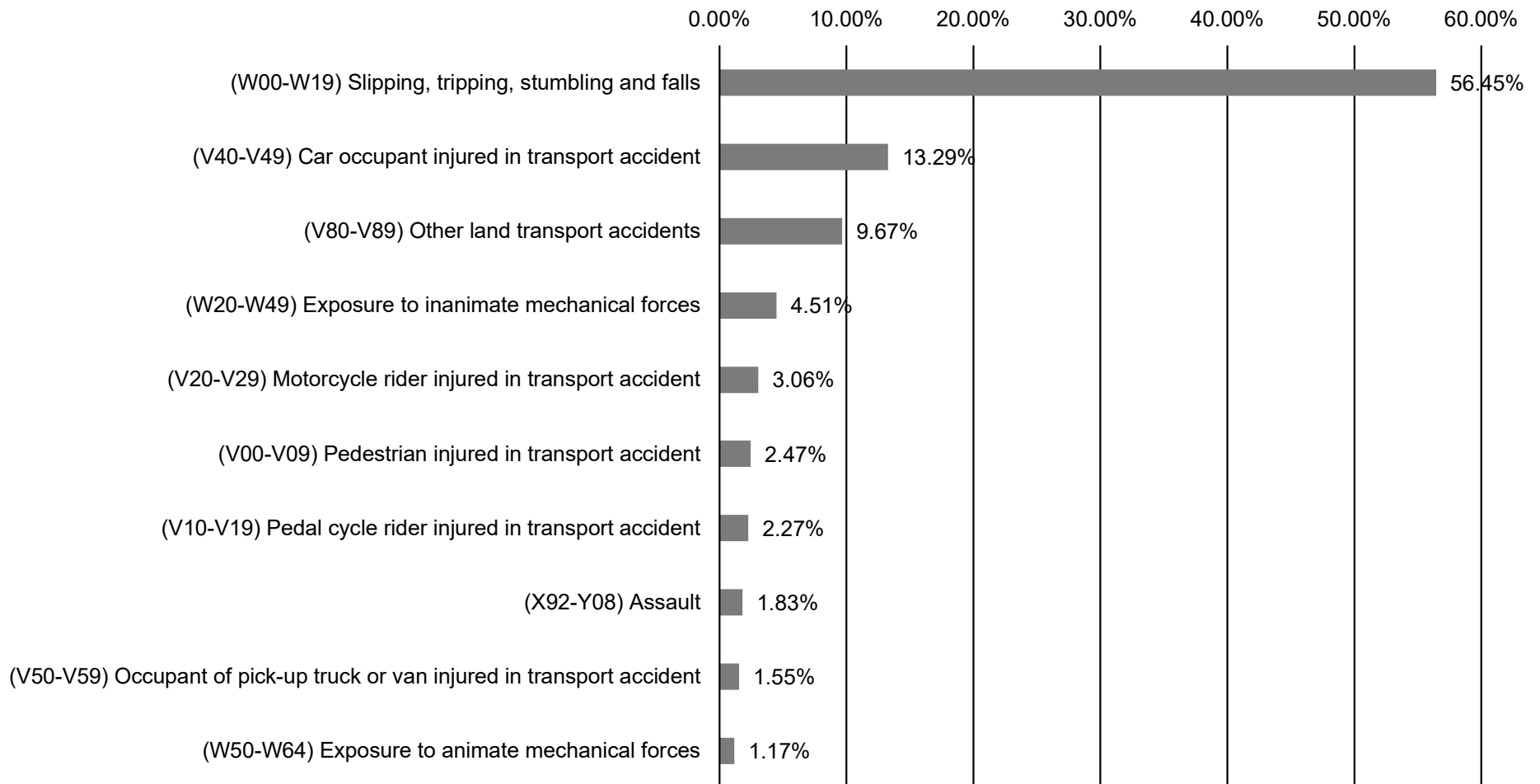
- A total of **5,586** records have been submitted from **16** hospitals

	2017	2018	2019	2020
Records	4,128	4,533	4,810	4921

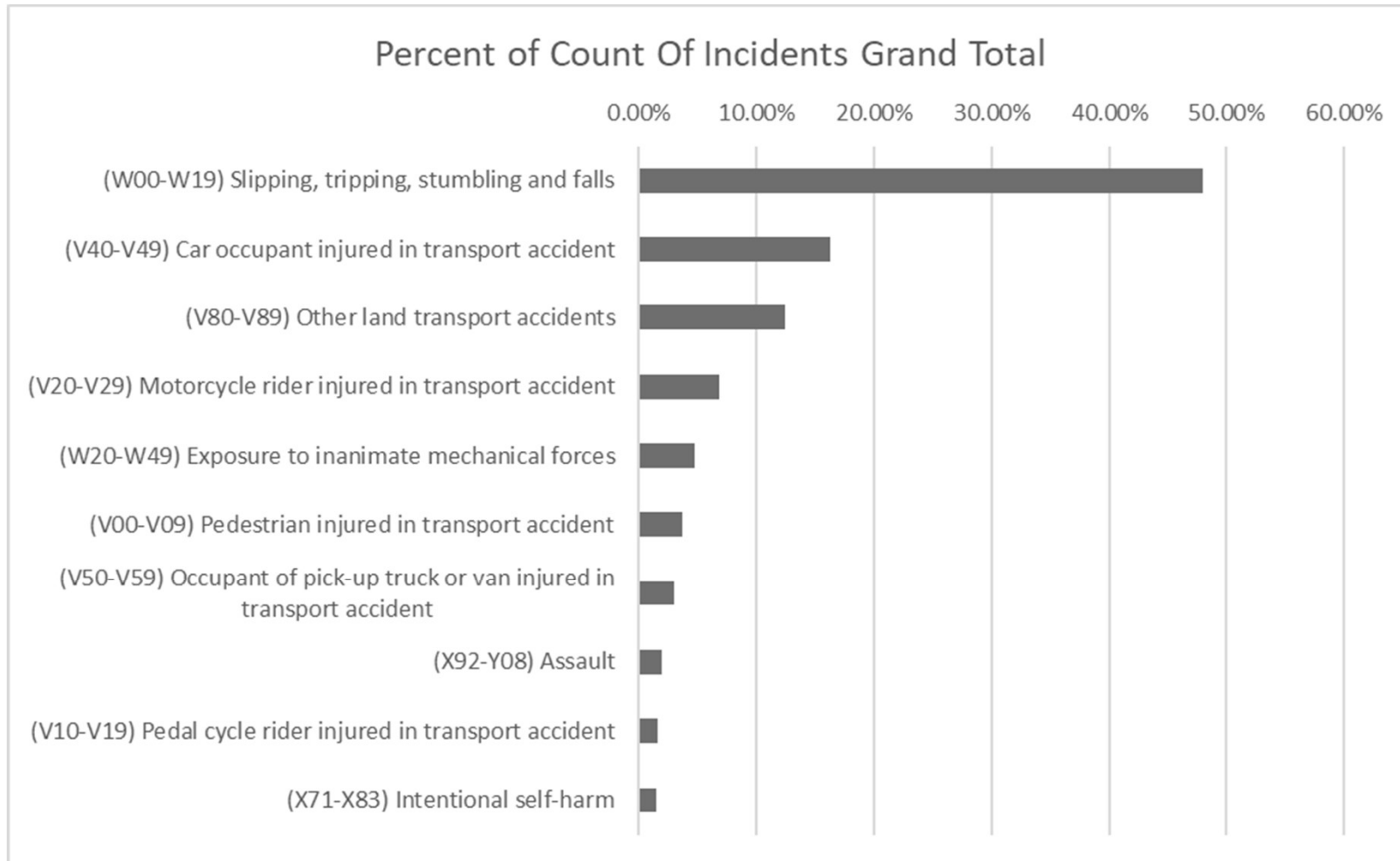
- 46.9% Female, 52.4% Male
- 92.1% Blunt, 1.0% Penetrating, 2.3% Burn
  - 3.7% Blank

# MECHANISM OF INJURY (ALL CASES)

Percent of Count Of Incidents Grand Total



# MECHANISM OF INJURY (ISS > 15)



# HIGHLIGHTS

- **Mortality Rate**

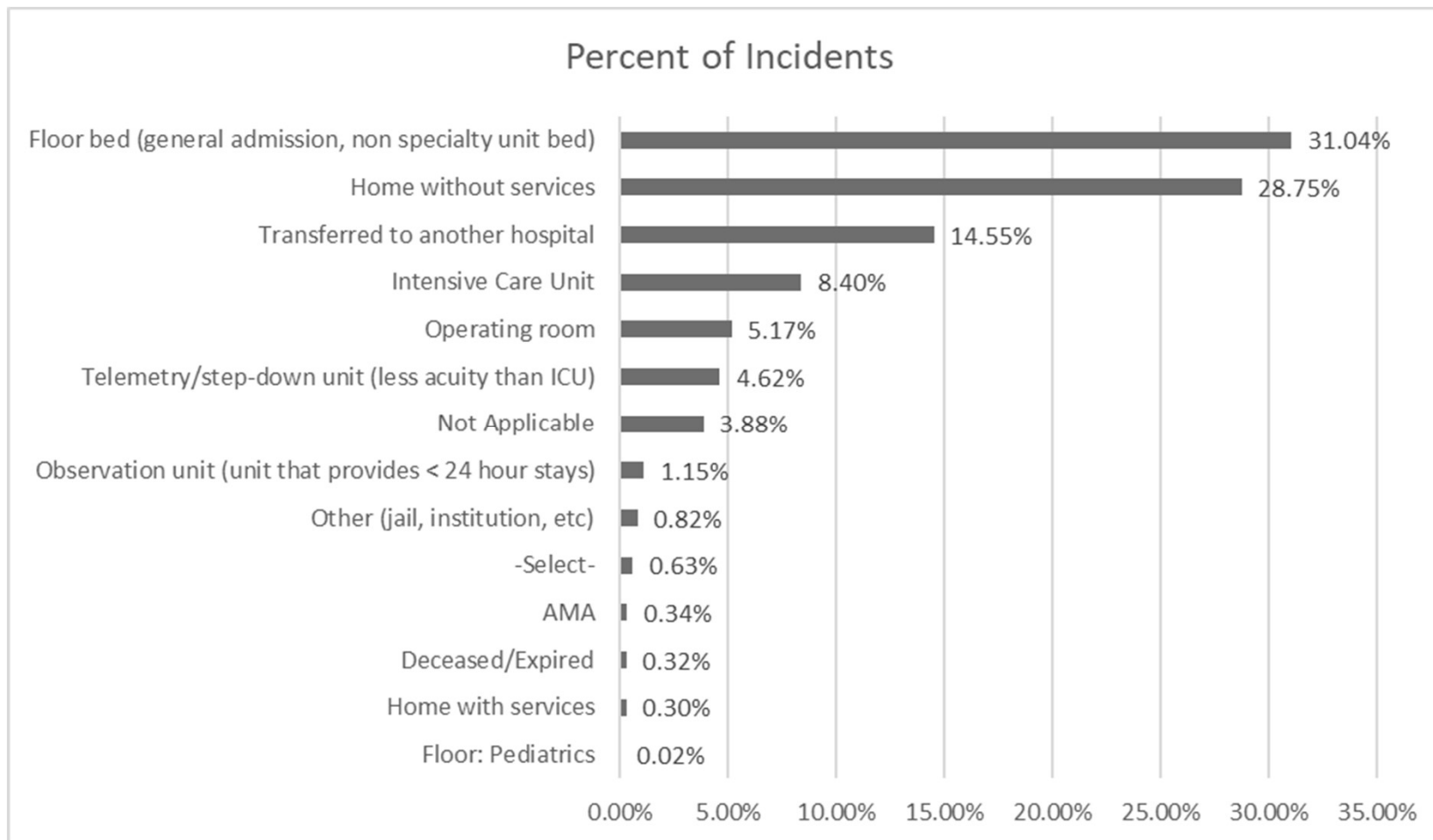
- 2021: NC 4.23% vs State 4.61%
- 2020: NC 4.26% vs State 3.76%
- 2019: NC 3.89% vs State 3.31%
- 2018: NC 3.47% vs State 3.68%
- 2017: NC 3.61% vs State 3.73%

# PATIENT AGE

Age range	Percent
<=17	10.8%
18-64	38.3%
>=65	50.9%

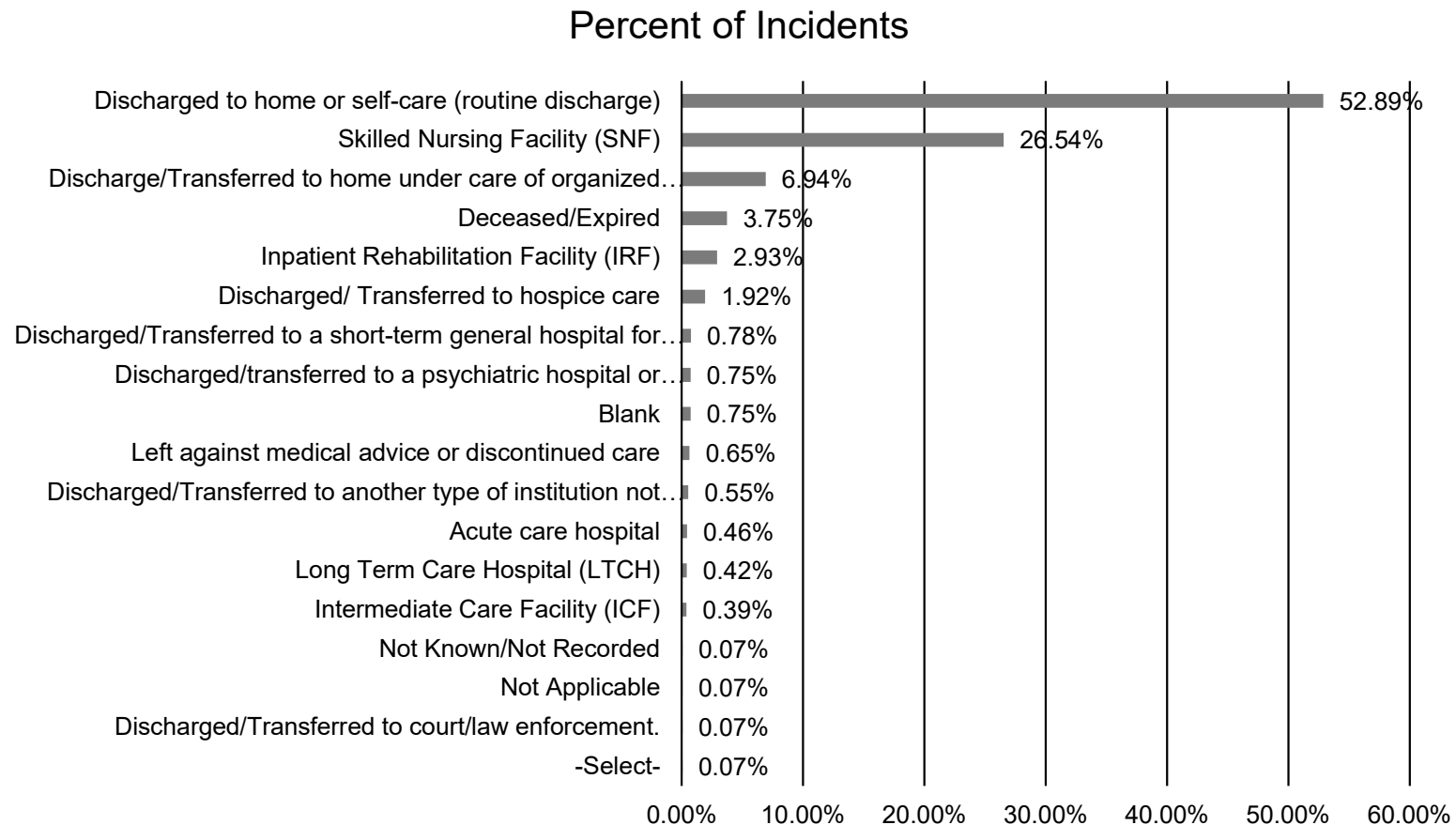
# EMERGENCY DEPARTMENT DISPOSITION

- 14.55% of patients were transferred



# HOSPITAL DISCHARGE DISPOSITION

- 59.8% of patients were discharged home





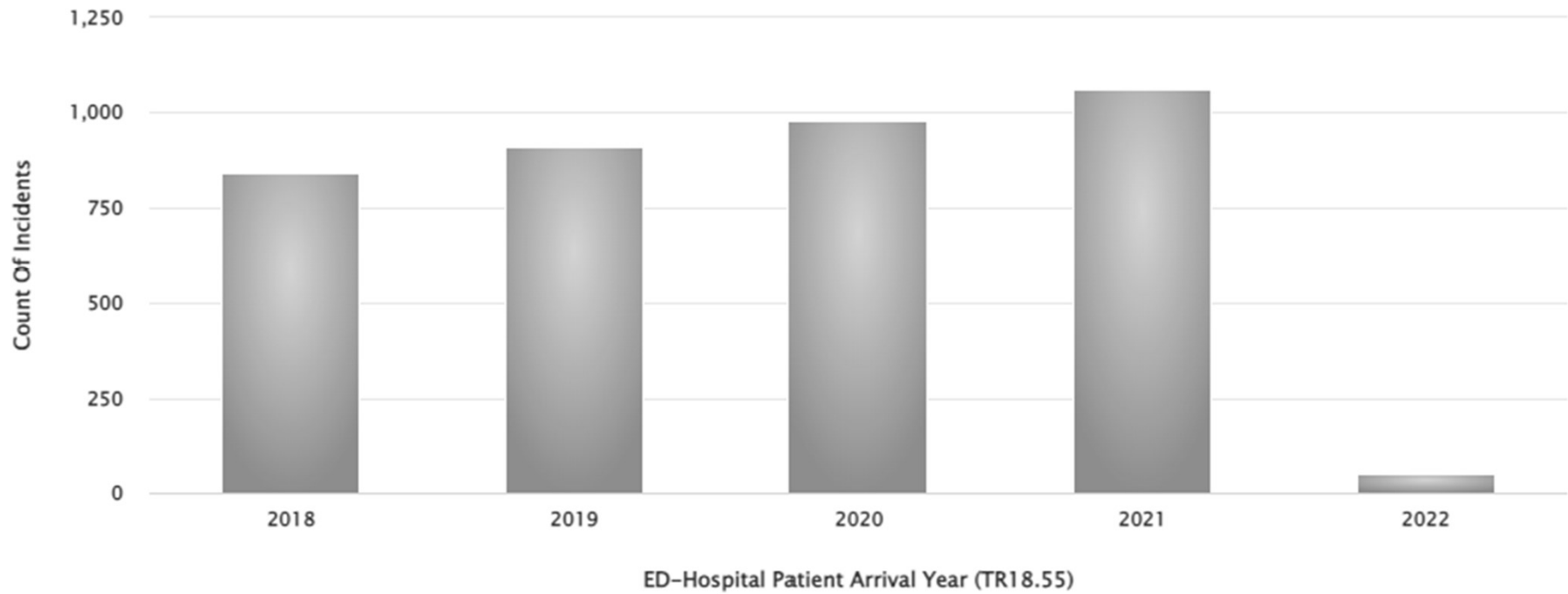
2019

ISS Score Range	Count	Percent
ISS left Blank	5	0.09%
0-9	4,373	78.28%
10-15	690	12.35%
16-24	337	6.03%
25-75	181	3.24%

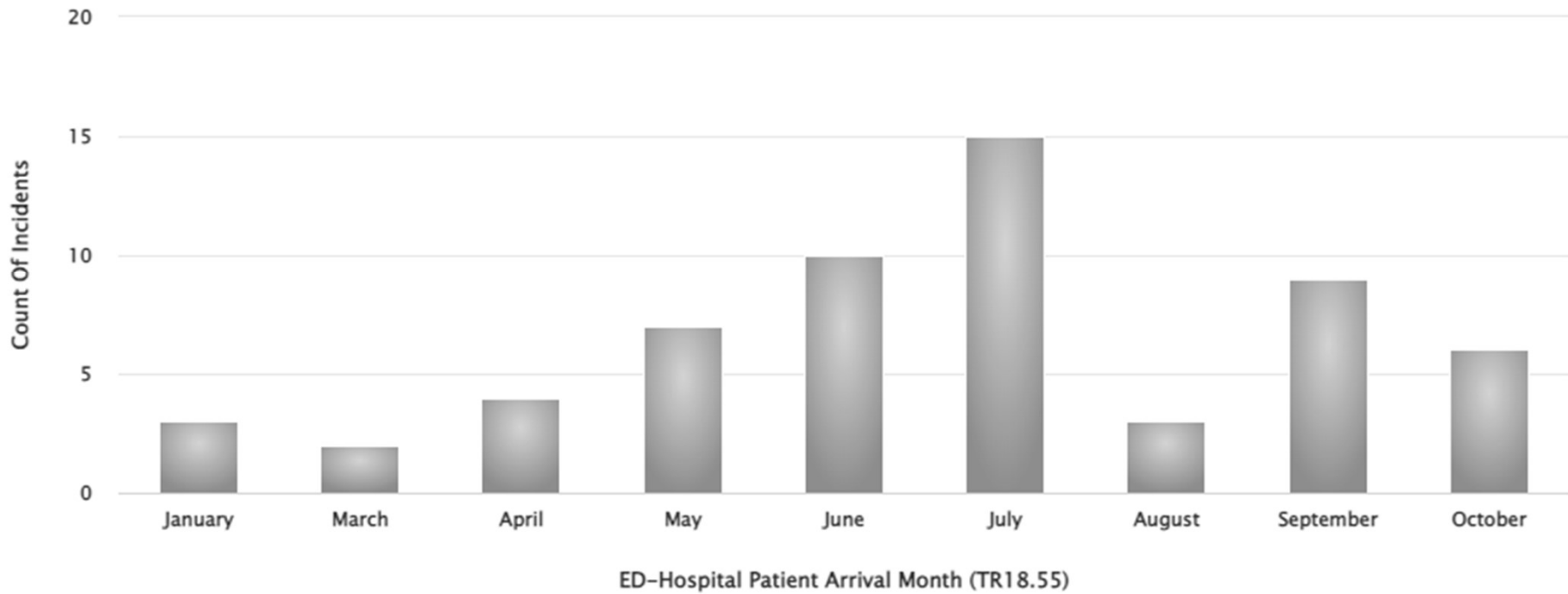
Injury Severity Score 2020

ISS Score Range	Count	Percent
ISS left Blank	4	0.08%
0-9	3,749	76.18%
10-15	666	13.53%
16-24	328	6.67%
25-75	174	3.54%
Total: 4,921		Total: 100.00%

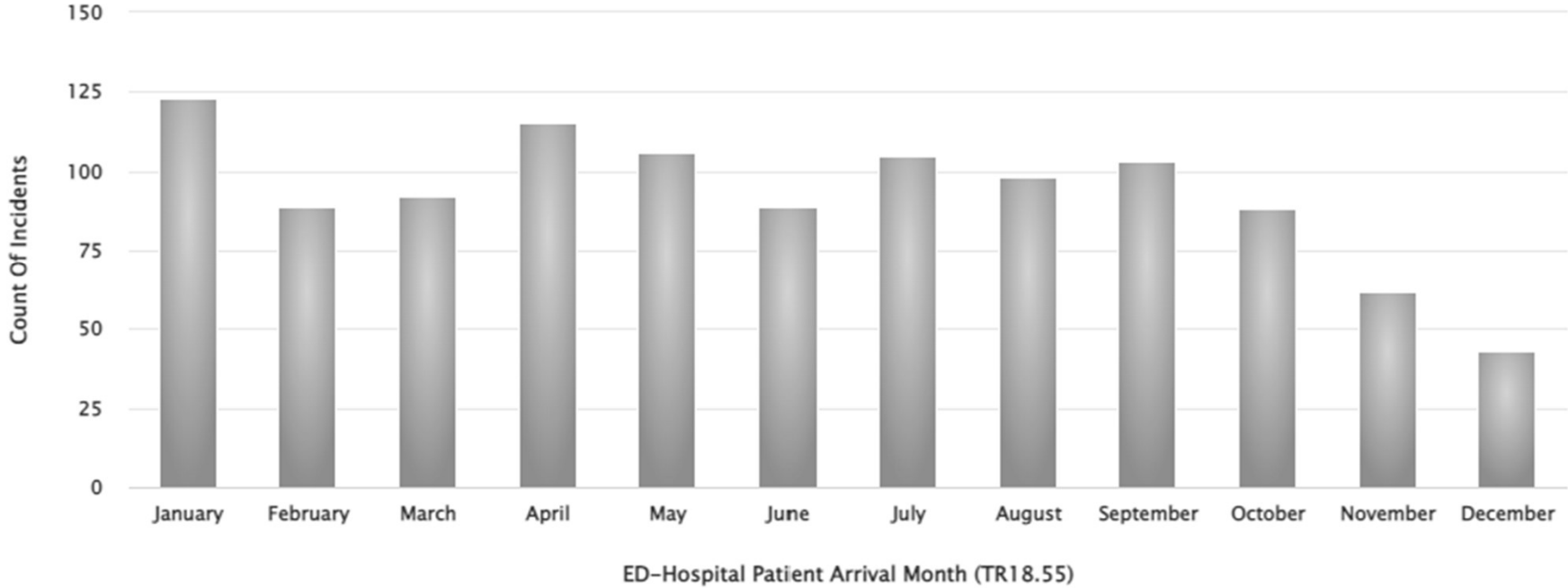
### Region 2 Falls by Year Comparison



### Region 2 2021 ATV/UTV Accidents by Month



### 2021 Falls by Month Region 2



# FALL DATA

- 55% of patients in the trauma registry that were transported to the hospital by ambulance had "slips, trips, stumbles or falls" as the cause of injury

In patients 60 and over:

- 63% are admitted to a hospital. Of those admitted to the hospital, 17.6% are admitted to an intensive care unit or go to surgery.
- 2.7% of patients that went to the hospital died in the hospital
- 34.9% went to a SNF, rehab or hospice after leaving the hospital

# HIGHLIGHTS

- **EMS Scene Time > 20 minutes & ISS > 15**
  - NC 53.9% vs State 36.8%
- **Undertriage Rate (ISS>15 & no Lvl I TTA)**
  - Unable to run report

# **ED LOS > 180 MINUTES**

## **ISS > 15 – 50%**

- **GT 180 and No TTA 55.8%**
- **LT 180 and No TTA 44.2%**

## **ISS > 10 – 43.8%**

- **GT 180 and No TTA 64%**
- **LT 180 and No TTA 45.1%**