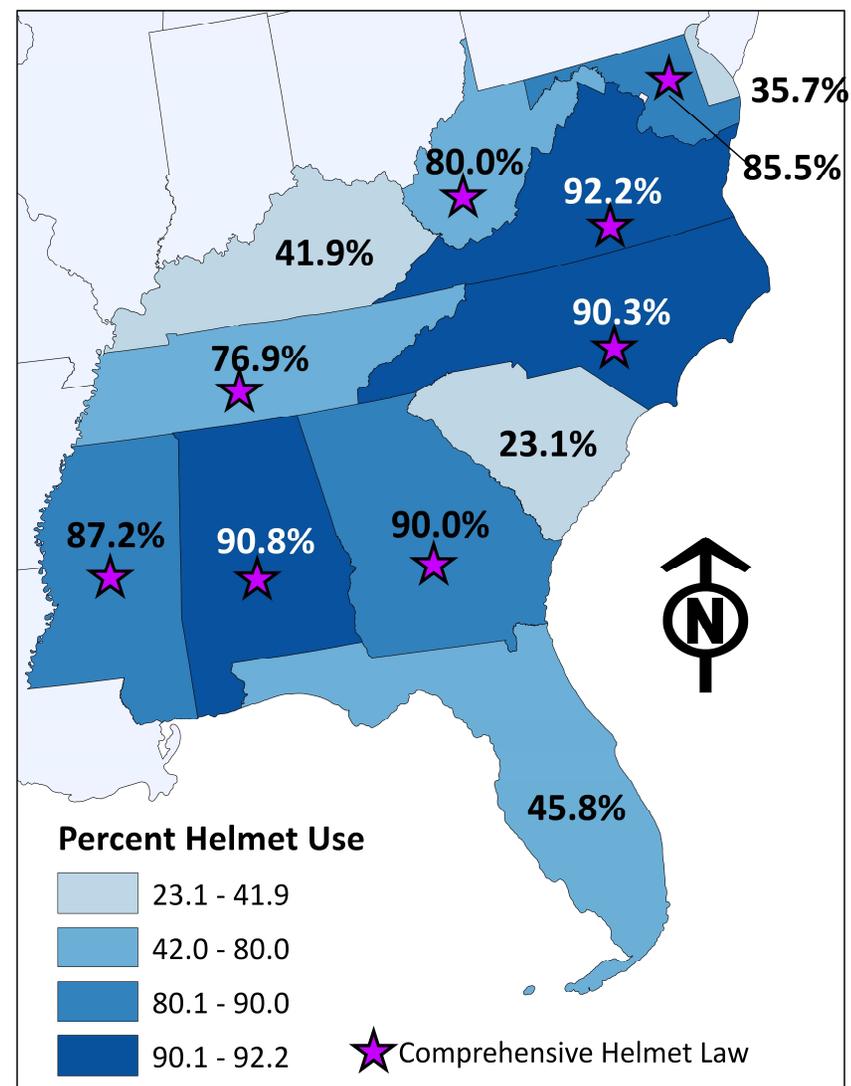


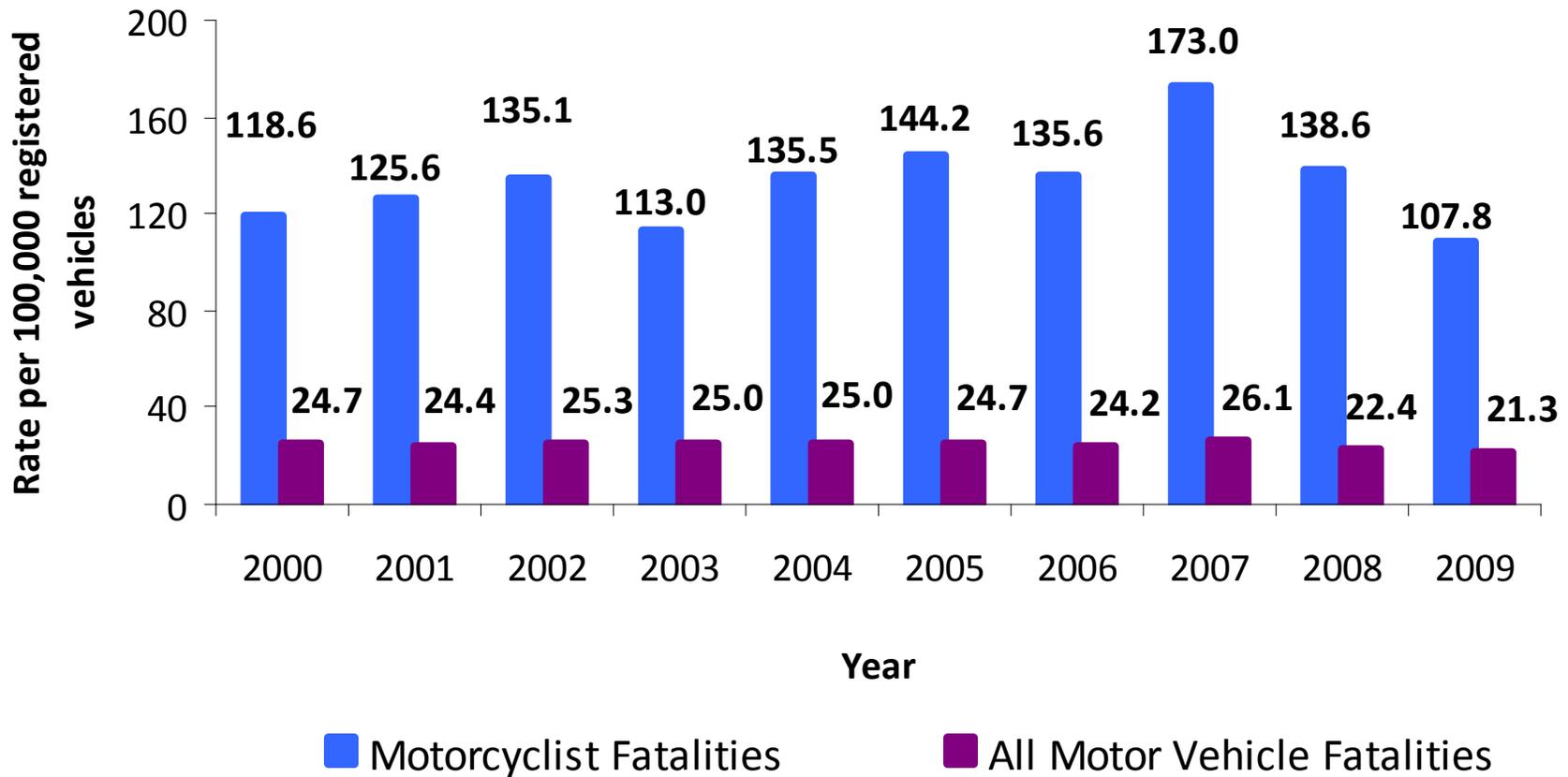
Motorcyclist Injuries in North Carolina

A Comparison of Helmet Use Among Motorcyclist Fatalities in the Southeastern United States: 2009

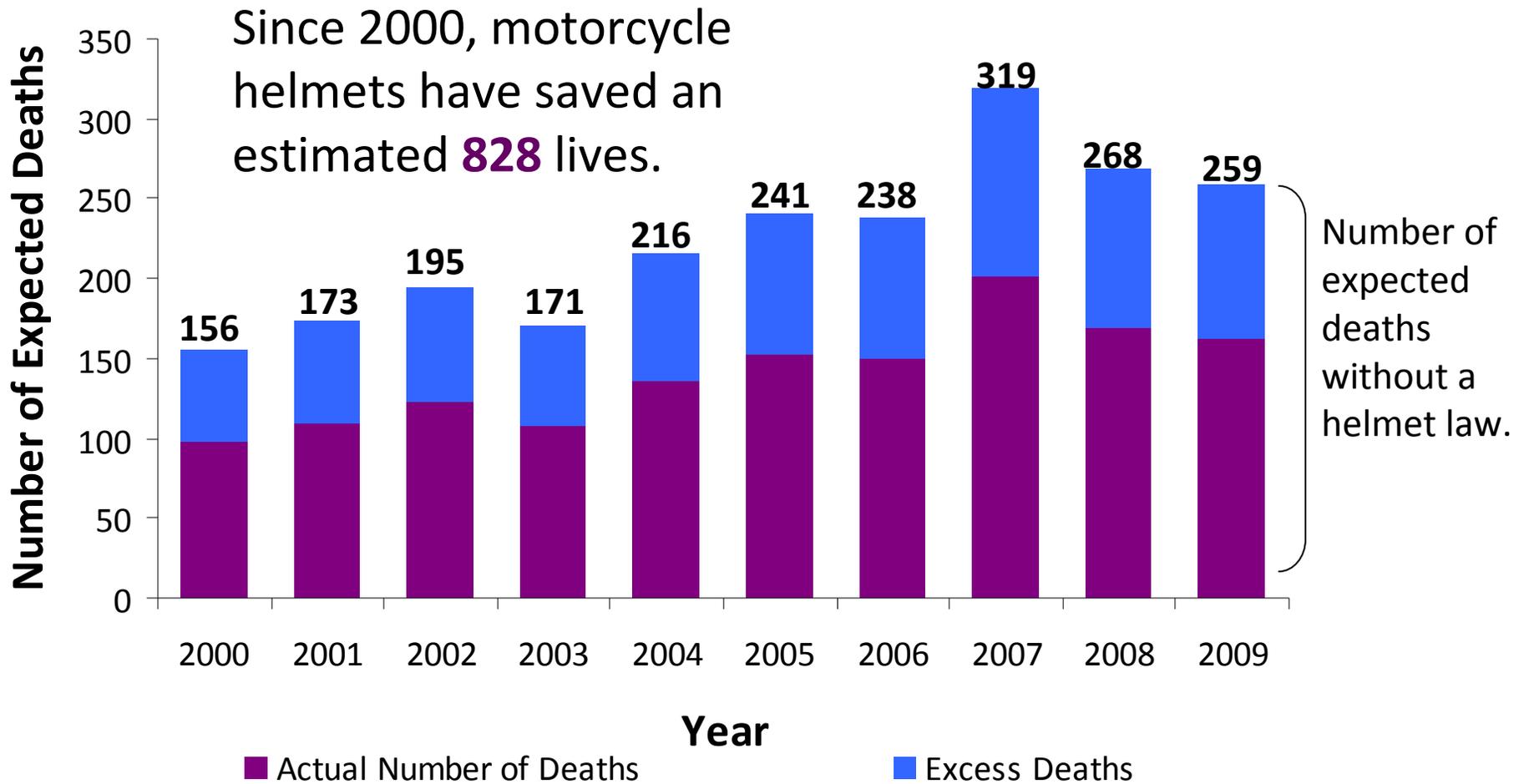
- North Carolina has one of the highest percentages of helmet use in the Southeast.
- Helmet use is nearly 30 percent higher in North Carolina (90.3%) than the Southeast (70.0%) and 65 percent higher than the United States as a whole (54.7%).



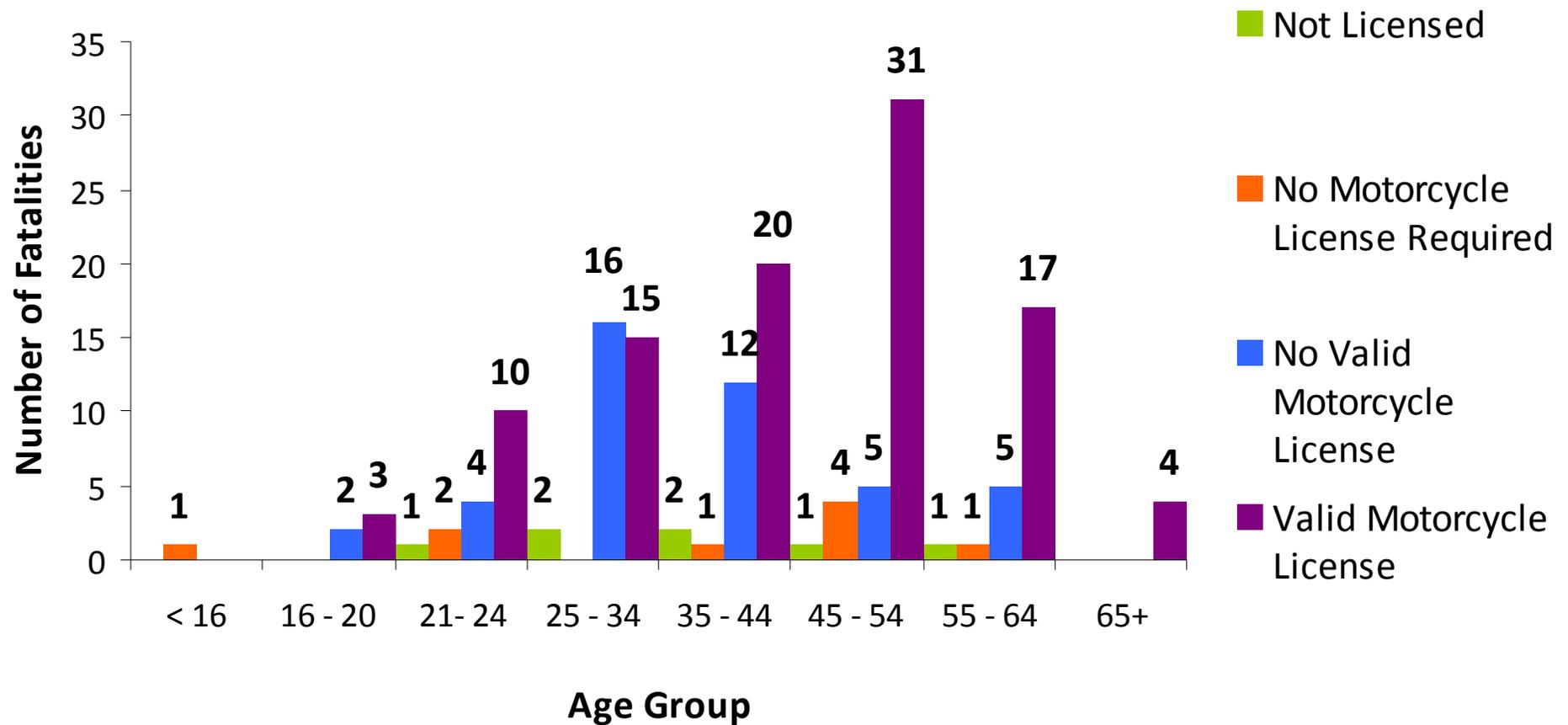
Rates of Motorcyclist and Motor Vehicle Fatalities by Year per 100,000 Registered Vehicles: North Carolina, 2000-2009



Number of Motorcyclist Fatalities Expected with a Repeal of the Helmet Law: North Carolina, 2000-2009



Motorcyclist Fatalities and License Compliance: North Carolina, 2009



Observed and Expected Costs Associated with a Repeal of the Helmet Law: North Carolina, 2005

Estimated Lifetime Costs Associated with Motorcyclist Fatalities

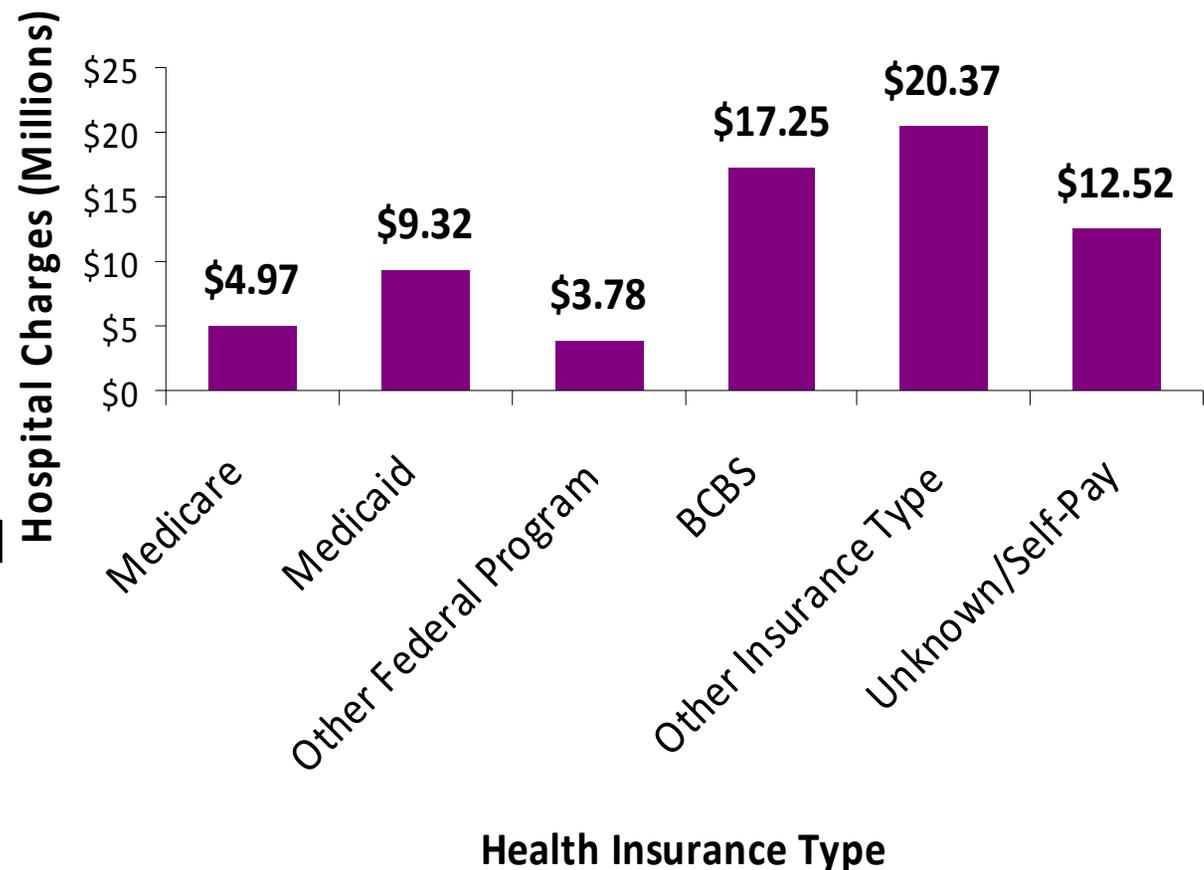
	Costs Associated with Actual Number of Fatalities	Costs Associated with Number of Excess Fatalities
Medical Cost	\$1,712,000	\$2,785,014
Work Loss Cost	\$141,754,000	\$230,599,817
Total Combined Costs	\$143,466,000	\$233,384,831

In 2005, helmets saved nearly **\$90 million** in costs associated with motorcyclist fatalities.

Hospitalization Charges Associated with Motorcyclist Injuries: North Carolina, 2008*

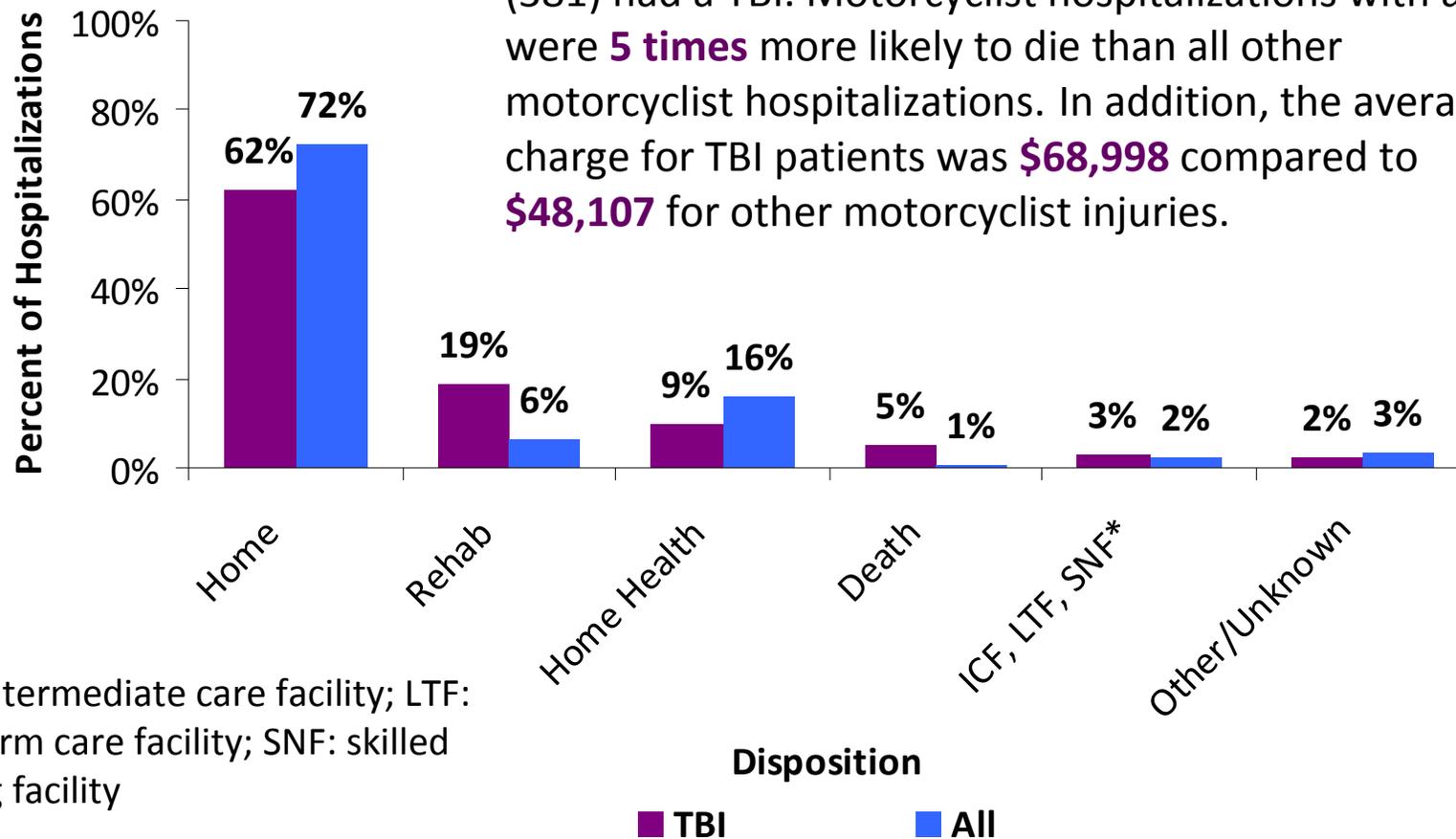
*Charges may not reflect final costs.

- In 2008, more than \$68 million dollars in hospitalization charges were associated with motorcyclist injuries.
- \$14 million (21 percent) were charged to Medicare or Medicaid.



Motorcyclist Hospitalizations with a Traumatic Brain Injury (TBI): North Carolina, 2008

Of the 1,281 motorcyclist hospitalizations, 25 percent (381) had a TBI. Motorcyclist hospitalizations with a TBI were **5 times** more likely to die than all other motorcyclist hospitalizations. In addition, the average charge for TBI patients was **\$68,998** compared to **\$48,107** for other motorcyclist injuries.



*ICF: intermediate care facility; LTF: long-term care facility; SNF: skilled nursing facility



Source: State Center for Health Statistics, Hospital Discharge File, 2008
Analysis by Injury Epidemiology and Surveillance Unit