

# Statewide Trauma Data Collection System

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# Outline

- Background
- Purpose
- Actual overcomes
- Critical success factors
- Areas of success
- Challenges
- Lessons learned

# Background

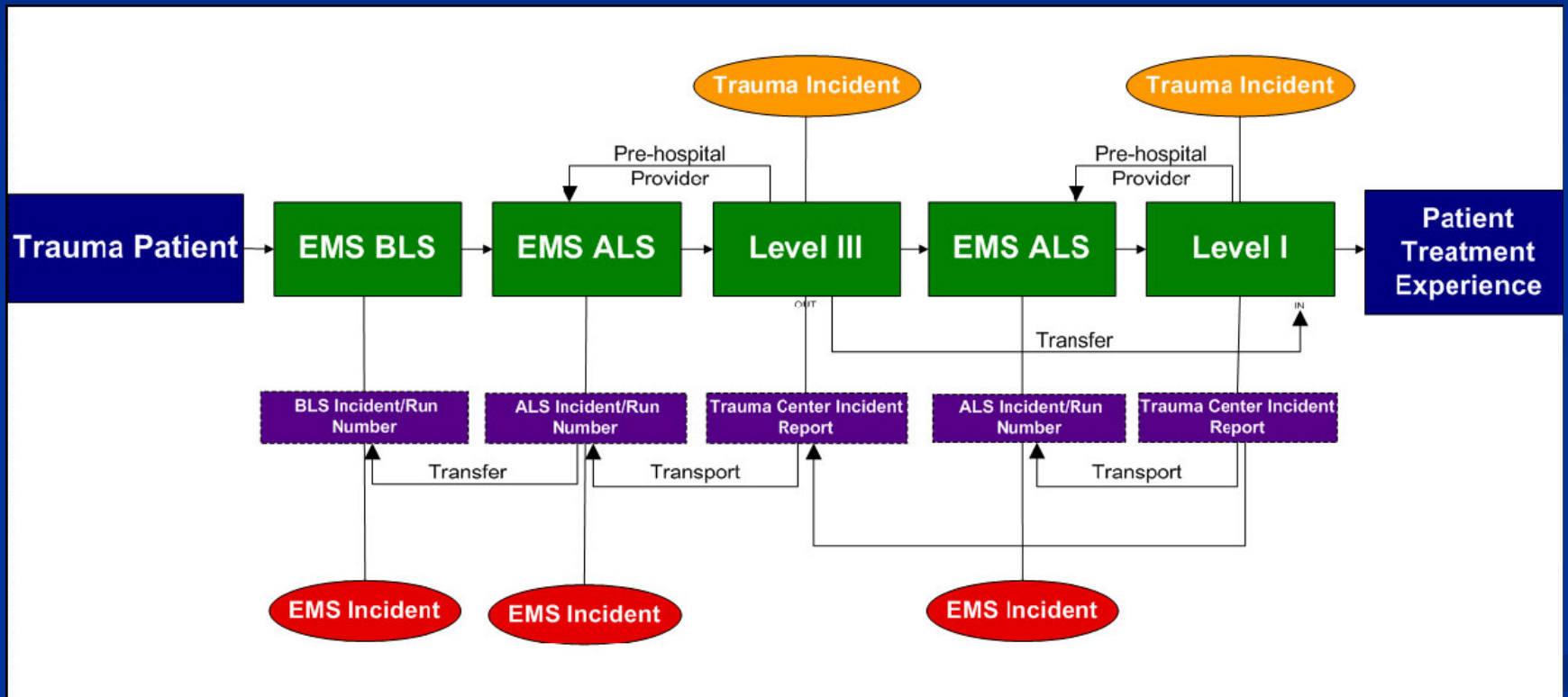
- National Trauma Registry American College of Surgeons (NTRACS)
- Nebraska Trauma Bridge System (NTBS)

# Purpose of NTBS

To gather trauma information more timely and accurately to improve performance of state trauma system and reduce morbidity and mortality.

- Evaluate overall program effectiveness;
- Be a source of information for injury prevention programs;
- Be a source of information for epidemiological programs.

# Concepts of NTBS



Medical Record Number  Trauma Registry # 555070312IT223

Injury Date  Injury Time

**Patient Information**

Last Name  \* First Name  \* Middle Initial  ⚠ Social Security #  \*

Date of Birth  /  /  Age (at date of incident)  \* Age Units

Race  \* Ethnicity  \* Gender  \*

Address  \* Favorite Locations

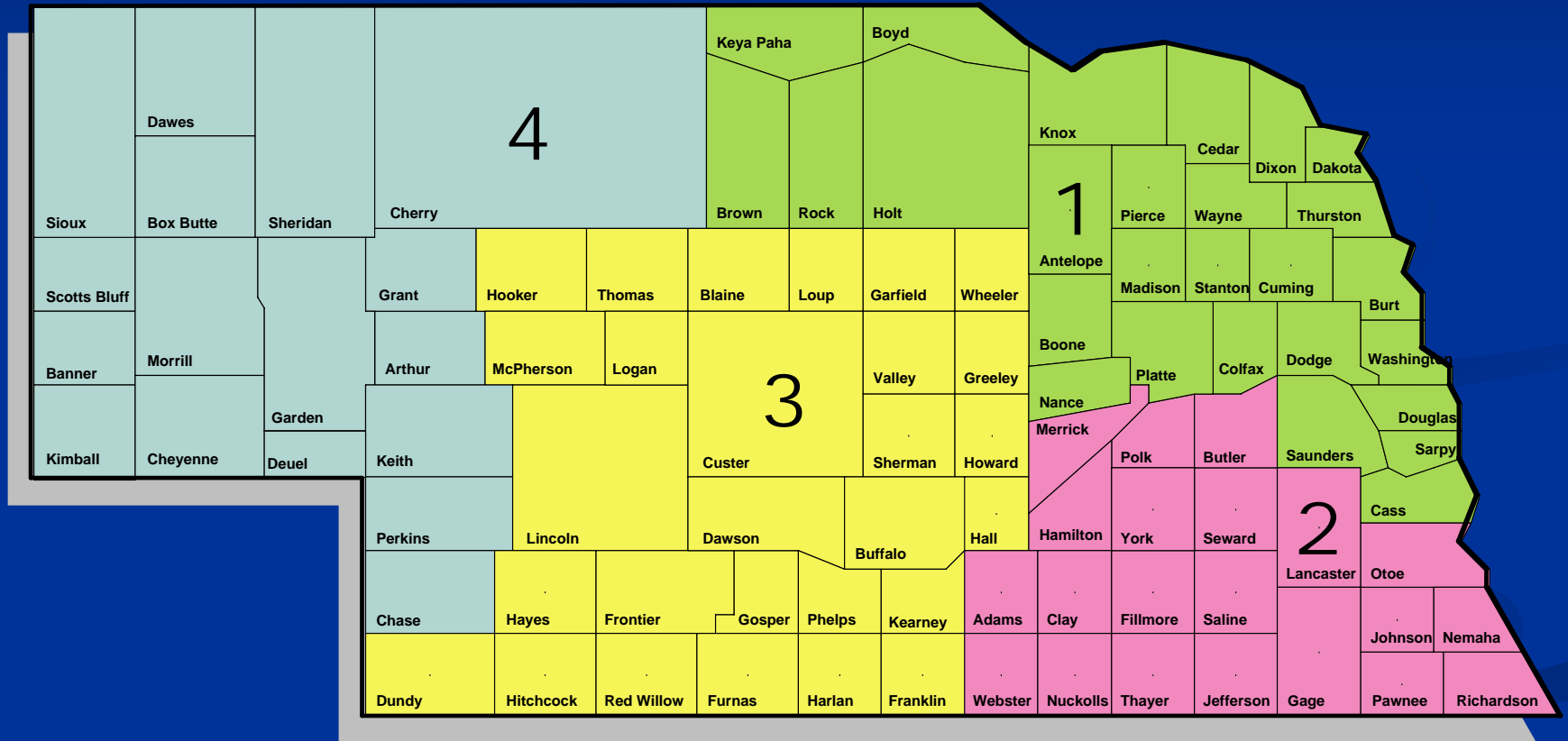
Postal Code  \* Country   Add to Favorite Locations

City  \* County  State  \*

Alternate Residence



# Nebraska Trauma Regions



# Actual Outcomes

- Completeness: region 2 → all regions
- Timeliness of submission: monthly → near “real time”
- Integration: prehospital, acute care, burn and rehab hospitals.
- Accessibility: hospital, region and state



# Critical Success Factors

- Communication with hospitals
- Trauma registry expertise
- IT expertise
- Training/trauma region support

# Areas of Success

- Integration with prehospital and hospital information.
- Eliminating data redundancies and ensuring patient centric data aggregation.
- Secure multi-tiered access to ensure and respect data privacy.
- Standard reports and easy to use ad hoc reporting with advanced query capabilities.

# Challenges

- Adoption of ENARSIS
- Adoption of NTBS
- Timeliness of data entry
- Integration with NTRACS

# Lesson Learned

- Coordination/communication
- Internal and external expertise
- Test early and test often
- Training and technical support

# Questions

