

Improving Care of Injured Patients in Pennsylvania's Critical Access Hospitals through the Trauma Center Accreditation Process



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Objectives

- Describe the mission/vision of the Pennsylvania Trauma Systems Foundation.
- Describe key facets of support PTSF offers to Critical Access Hospitals during pursuit of accreditation.
- Describe the role of the Pa Office of Rural Health in supporting PTSF efforts.

PTSF Mission/Vision Statements

Mission:

Optimal outcomes for every injured patient.

Vision:

*We are committed to Zero Preventable Deaths
from injury in Pennsylvania.*

PTSF

- Incorporated as a 501(c)3 in 1985 after creation in EMS Act of 1985.
- Accrediting body for trauma centers in PA.
- Must align standards with American College of Surgeons at a minimum
- Funding: Trauma Center fees + small grants
- # Trauma Centers: 41 out of 165 hospitals
- # Burn Centers: 6 (5 are trauma centers)
- # Trauma Center Levels: I, II, III, IV

Milestones

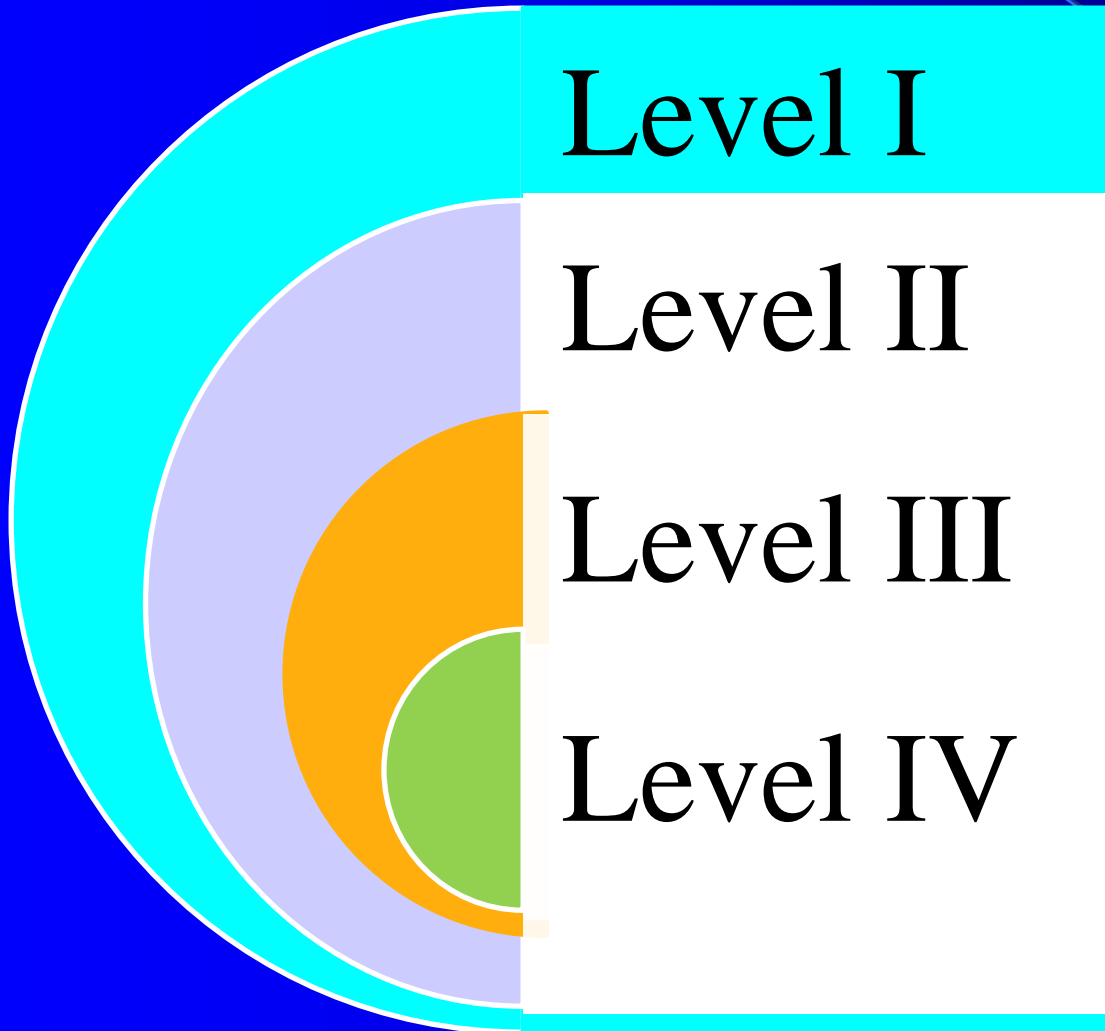
- 1985 – PTSF recognized in EMS Act as accrediting body
- 1986 -1992 – First adult and pediatric Level I /II trauma centers accredited
- 2007 – First Level III accredited. Trauma System Assessment conducted.

Milestones

- 2011 – Board approves Level IV standards
- 2013 – First Level IV accredited
- 2016 – First CAH accredited as a Level IV trauma center
- 2019 – Act 54 of 2019 signed into law providing Level IV funding

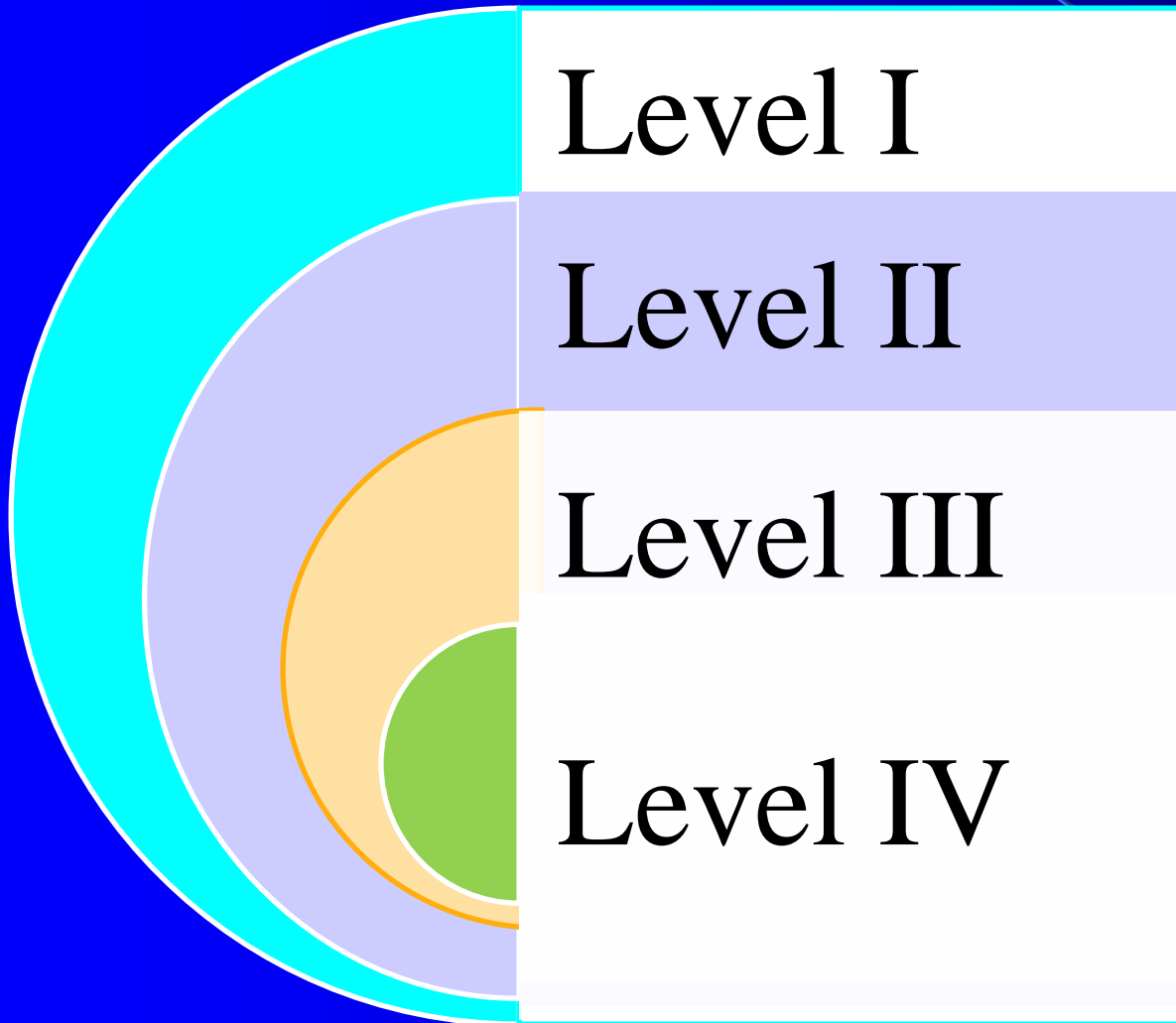
Level I Trauma Centers

Note: Accreditation is not given to an emergency department it is given to an entire hospital!



- 600+ patients/year
- All Specialties
- Research
- Surgical Residency
- PA has Adult and Pediatric Level I trauma centers.

Level II Trauma Centers



Level I

Level II

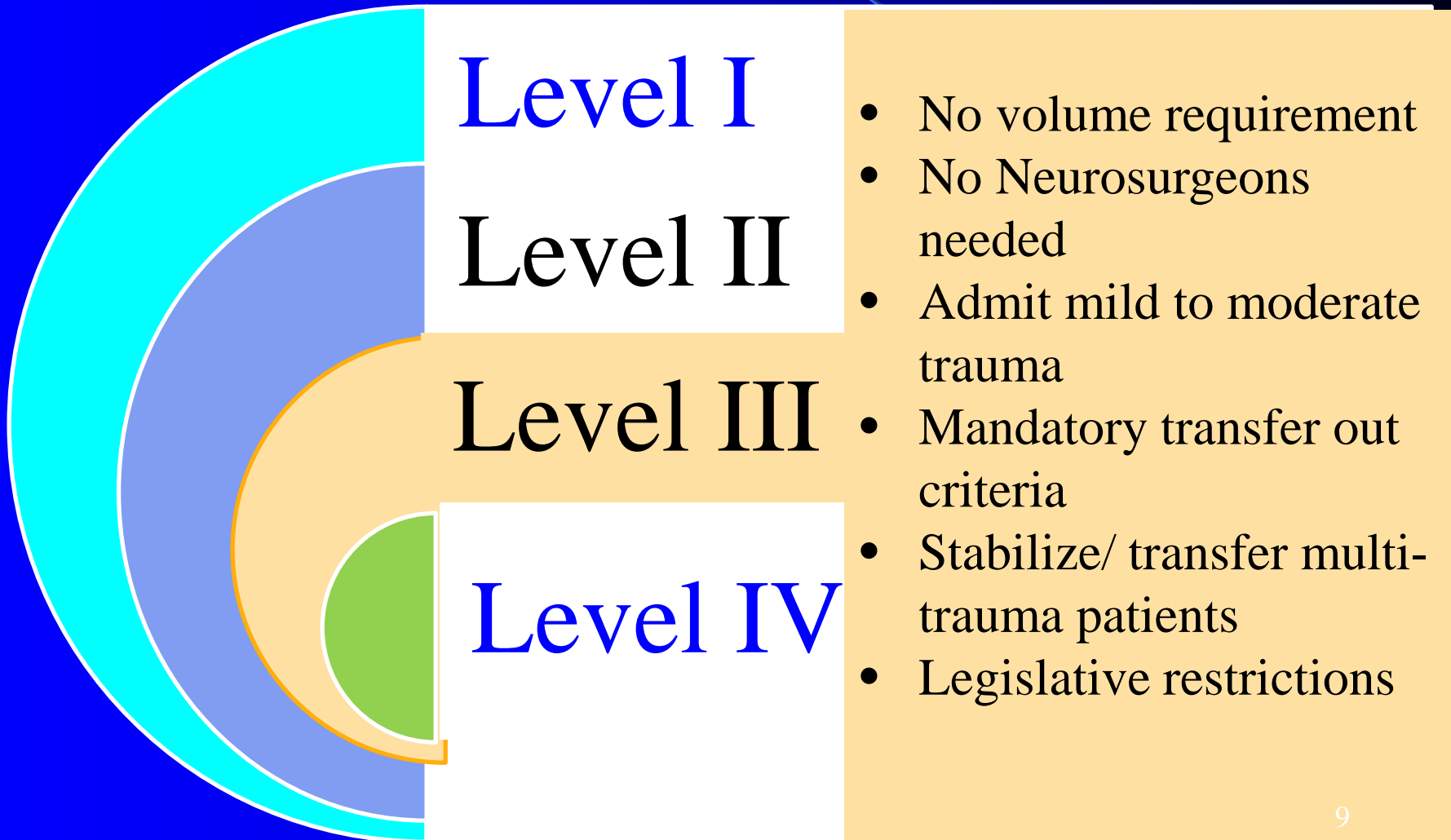
Level III

Level IV

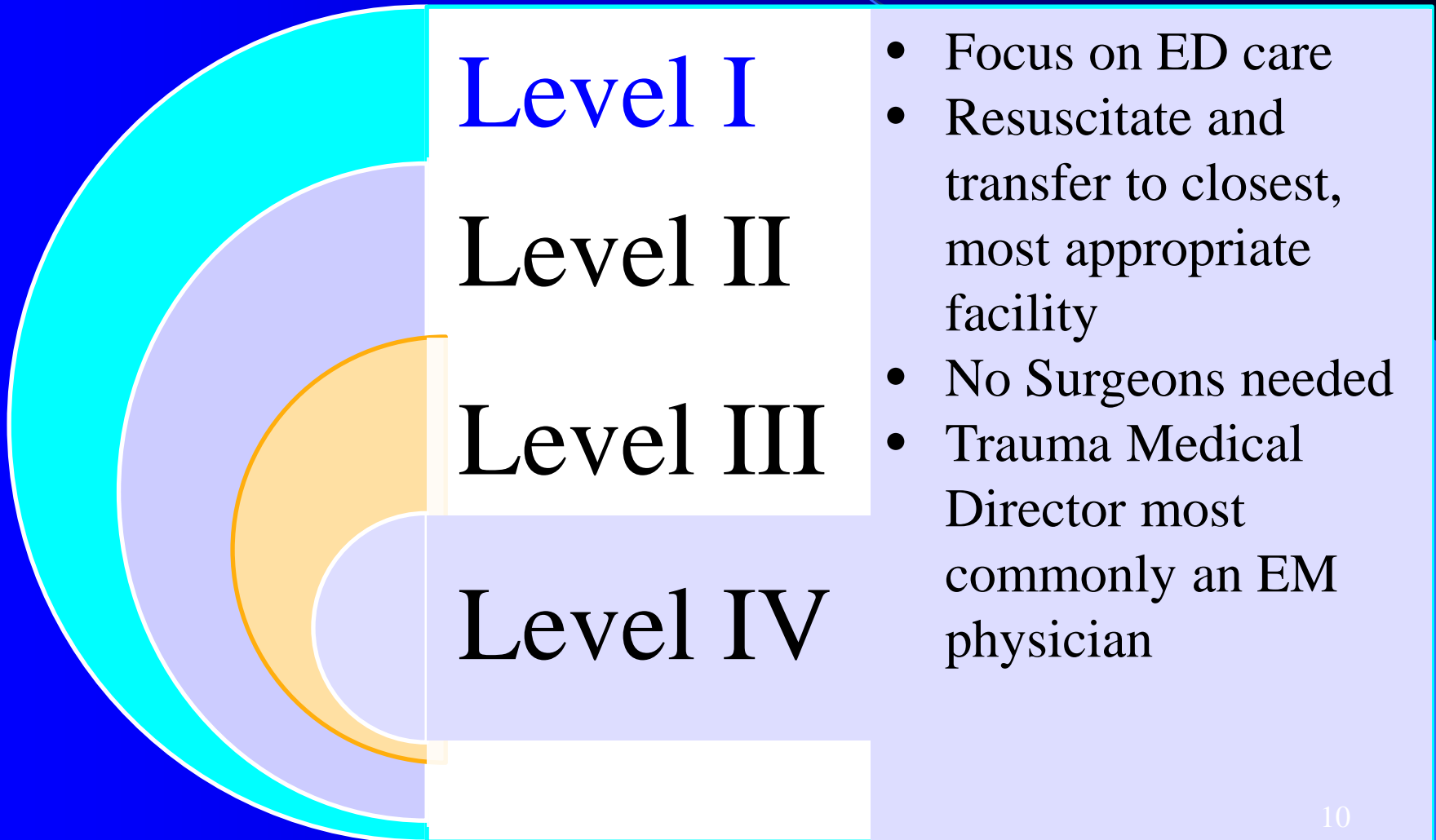
- 600 patients/yr*
- Fewer sub-specialties
- No research
- No residency
- PA has 2 Pediatric Level II trauma centers (LVH- CC and Geisinger Danville)

* New as of 7/1/19⁸

Levels of Trauma Centers

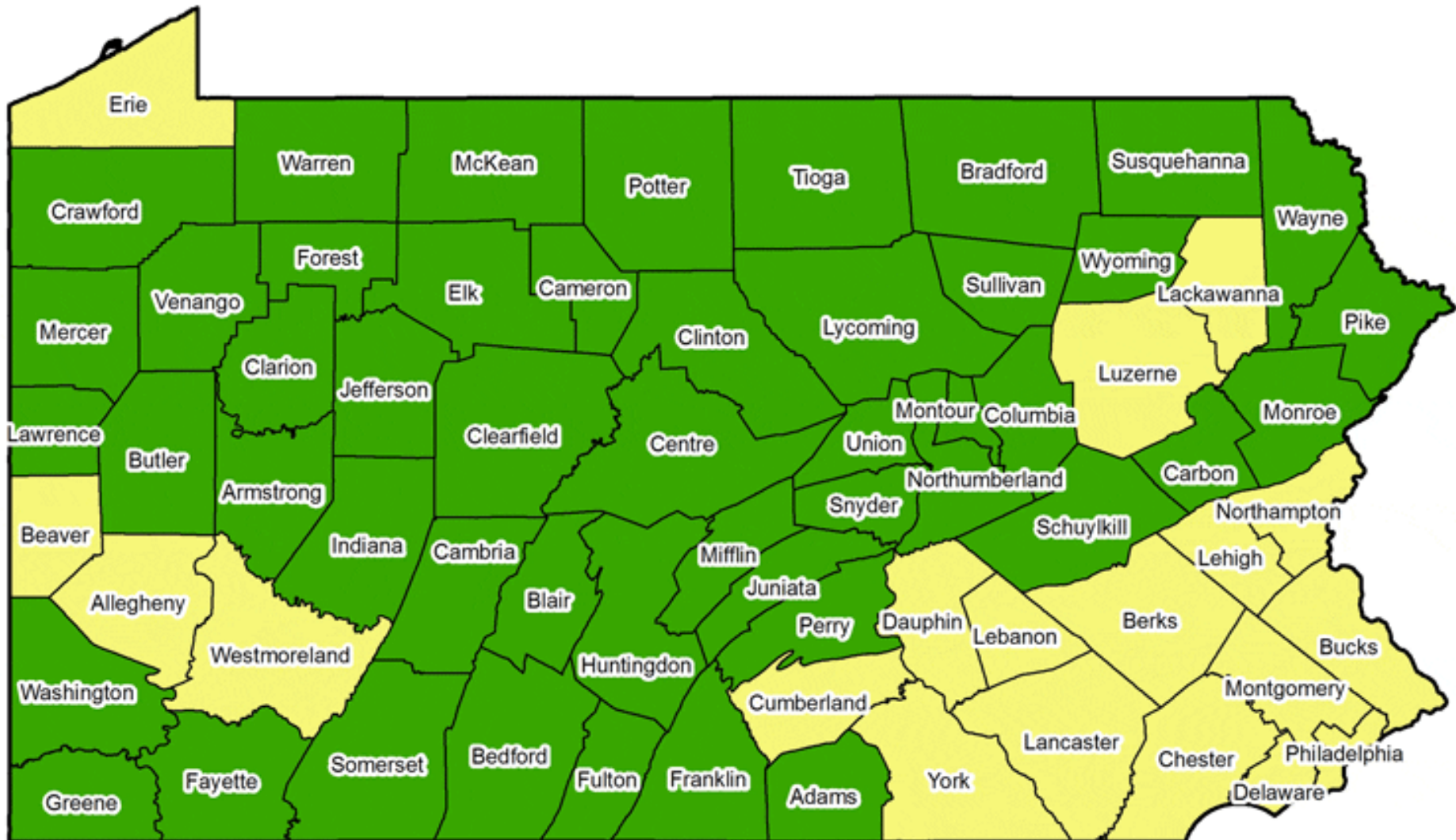


Level 4 Trauma Centers



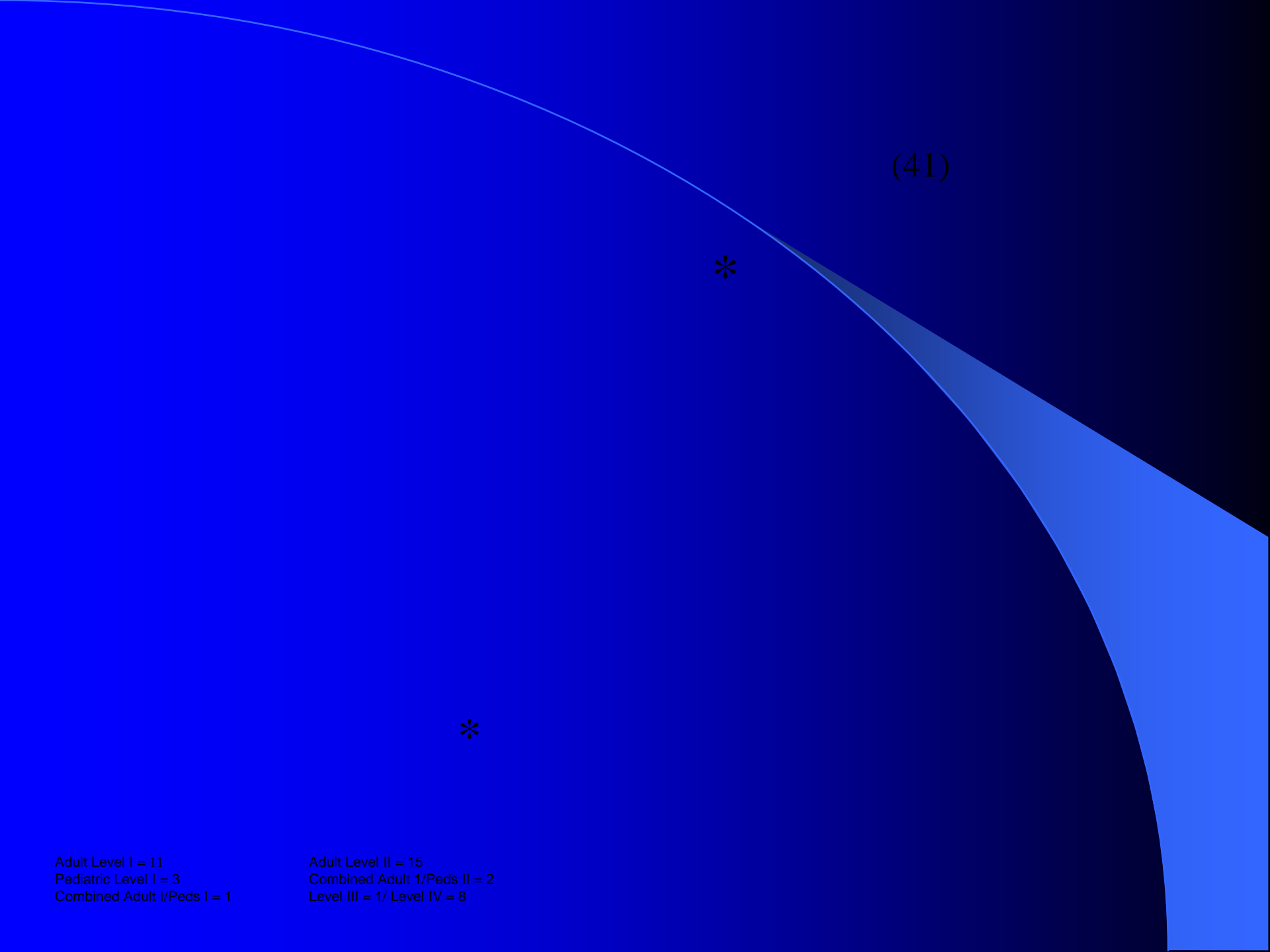
Total Pop: 12.8M
Rural Pop: 3.4 (26%)

Rural Pennsylvania Counties



Source: U.S. Census Bureau, 2010 Census

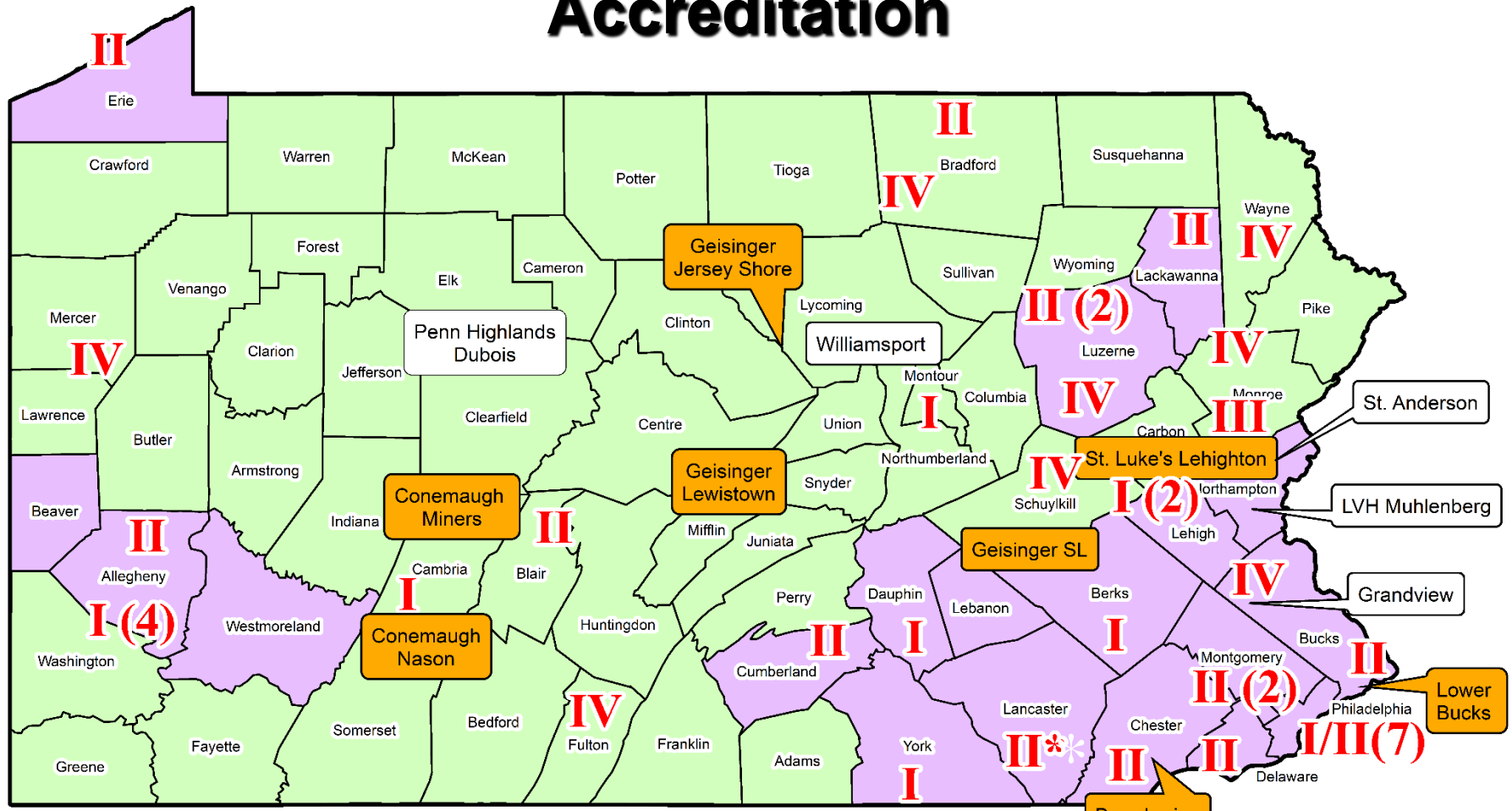
Urban Rural



Adult Level I = 11
Pediatric Level I = 3
Combined Adult I/Peds I = 1

Adult Level II = 15
Combined Adult I/Peds II = 2
Level III = 1/ Level IV = 8

Hospitals Pursuing Trauma Center Accreditation



II*

Urban Rural

Total Number of Trauma Centers: 41

Adult Level I = 11
 Pediatric Level I = 3
 Combined Adult I/Peds I = 1

Adult Level II = 15
 Combined Adult 1/Peds II = 2
 Level III = 1
 Level IV = 8

Gold: Pursuing Level IV Accreditation (8)

Yellow: Pursuing Level III Accreditation (0)

White: Pursuing Level II Accreditation (5)

PTSF Support of Hospitals

- Staff Education
 - Trauma Registry
 - Performance Improvement
 - Accreditation Surveys
 - Leadership classes
- Trauma Center Networking
 - L1/2 Mentorship
 - Level III/IV PTSF work groups
 - Committee participation

Pa Office of Rural Health Support of PTSF

- Funding to Level I/II trauma centers to provide Rural Trauma Team Development Course.
- Funding of PTSF to cover costs of software, education and regulatory visit costs of CAH pursuing accreditation

Outcomes

- Decreases in transfer times from Critical Access Hospitals to higher level trauma centers
- Standardization of care and information sharing
- Enhanced care of ALL patients: “Ripple Effect”
- CAH participation in statewide trauma registry which supports statewide research.

And now Samantha....