

FACTS ABOUT PENNSYLVANIA'S TRAUMA CENTERS

Pennsylvania's 49 trauma centers¹ work around the clock to stabilize and treat critical injuries. Level I and II centers feature specially trained health care provider teams (e.g., trauma surgeons, neurosurgeons, orthopedic surgeons, cardiac surgeons, radiologists, and nurses) with expertise in caring for severely injured patients. Level III and IV centers identify and stabilize life-threatening injuries, then quickly transfer patients to higher-level centers. Their patients suffer from life-threatening injuries, often because of falls, motor vehicle crashes, burns, gunshot wounds or assaults.²

Combined Adult Level 1 / Pediatric Level I Trauma Centers

1. Hershey – Penn State Health Milton S. Hershey Medical Center/ Penn State Health Children's Hospital

Combined Adult Level 1/Pediatric Level II Trauma Centers

2. Allentown – Lehigh Valley Health Network – Lehigh Valley Hospital Cedar Crest/ Lehigh Valley Reilly Children's Hospital
3. Danville – Geisinger Medical Center/ Geisinger Janet Weis Children's Hospital

Adult Level I Trauma Centers

4. Bethlehem – St. Luke's University Health Network – St. Luke's University Hospital Bethlehem
5. Johnstown – Conemaugh Memorial Medical Center – Conemaugh Health System
6. Lancaster – Penn Medicine Lancaster General Health – Lancaster General Hospital
7. Philadelphia – Einstein Medical Center Philadelphia – Einstein Healthcare Network
8. Philadelphia – Temple University Hospital – Temple Health
9. Philadelphia – Thomas Jefferson University Hospital – Jefferson Health
10. Philadelphia – Penn Medicine – Penn Presbyterian Medical Center
11. Pittsburgh – Allegheny Health Network – Allegheny General Hospital
12. Pittsburgh – University of Pittsburgh Medical Center – Mercy
13. Pittsburgh – University of Pittsburgh Medical Center – Presbyterian
14. West Reading – Reading Hospital – Tower Health
15. York – WellSpan York Hospital – WellSpan Health

Pediatric Level I Trauma Centers

16. Philadelphia – St. Christopher's Hospital for Children – Tower Health
17. Philadelphia – The Children's Hospital of Philadelphia
18. Pittsburgh – University of Pittsburgh Medical Center – Children's Hospital of Pittsburgh

Adult Level II Trauma Centers

19. Abington – Abington Hospital – Jefferson Health
20. Altoona – University of Pittsburgh Medical Center – Altoona
21. Bethlehem – Lehigh Valley Health Network – Lehigh Valley Hospital – Muhlenberg
22. Camp Hill – Penn State Health Holy Spirit Medical Center
23. Erie – University of Pittsburgh Medical Center – Hamot
24. Easton – St. Luke's University Health Network – St. Luke's Hospital Anderson Campus
25. Langhorne – St. Mary Medical Center – Trinity Health Mid-Atlantic
26. Monroeville – Allegheny Health Network – Forbes Hospital
27. Paoli – Paoli Hospital – Main Line Health



FACTS ABOUT PENNSYLVANIA'S TRAUMA CENTERS, November 2021

Page 2

Adult Level II Trauma Centers (continued)

28. Philadelphia – Jefferson Torresdale Hospital – Jefferson Health
29. Sayre – Guthrie Robert Packer Hospital
30. Scranton – Geisinger Community Medical Center
31. Sellersville – Grand View Health – Grand View Hospital
32. Upland – Crozer-Chester Medical Center – Crozer-Keystone Health System
33. Wilkes-Barre – Geisinger Wyoming Valley Medical Center
34. Williamsport – University of Pittsburg Medical Center - Williamsport
35. Wynnewood – Lankenau Medical Center – Main Line Health

Level III Trauma Centers

36. East Stroudsburg – Lehigh Valley Health Network – Lehigh Valley Hospital Pocono

Level IV Trauma Centers

37. Coaldale – St. Luke's University Health Network – St. Luke's Hospital Miners Campus
38. Grove City – Allegheny Health Network – Grove City Hospital
39. Hastings – Conemaugh Miners Medical Center
40. Hazleton – Lehigh Valley Health Network – Lehigh Valley Hospital Hazleton
41. Honesdale – Wayne Memorial Hospital
42. Jersey Shore – Geisinger Jersey Shore Hospital
43. Lehighton - St. Luke's University Health Network – St. Luke's Hospital Lehighton Campus
44. Lewistown – Geisinger Lewistown Hospital
45. McConnellsburg – Fulton County Medical Center
46. Orwigsburg – Geisinger St. Luke's Hospital
47. Quakertown – St. Luke's University Health Network – St. Luke's Hospital Upper Bucks Campus
48. Stroudsburg – St. Luke's University Health Network – St. Luke's Hospital Monroe Campus
49. Troy – Guthrie Troy Community Hospital

Trauma Center Statistics Tell a Story of Success

- Between 1985 and 2020, 1,020,679 patients have been treated in Pennsylvania trauma centers, with a statewide average of more than **40,000 trauma patients treated each year since 2006³**
- During 2020, **more than 95 percent of Pennsylvania's trauma patients survived their hospitalization**. In total that year, the commonwealth's accredited trauma centers saved 47,507 lives⁴
- A national study shows that poor access to trauma centers is associated with more pre-hospital deaths, which may lead to higher overall injury mortality rate. The study revealed that the current trauma center infrastructure of Pennsylvania allowed the commonwealth to perform better than the national average on the ratio of pre-hospital to in-hospital death, despite having a higher rural population rate than an average state⁵



Financial Perspective on Trauma Care

- During 2020, 32 percent of all Pennsylvania trauma centers cases were covered by Medicaid or were self-pay as a primary or secondary payor; 65.2 percent were covered by Medicare and/or Medicaid as a primary or secondary payor⁶
- Trauma centers have higher levels of uncompensated care than other hospitals—during 2017, they contributed 56.2 percent of all hospital uncompensated care costs⁷
- A national study found the benefits of trauma center care—as measured by lives saved, improved quality of life, and years gained—outweigh the costs, particularly for the most severely injured patients.⁸ Care at a trauma center is associated with lower mortality rates, decreased readmission rates—even when controlling for severity of injury and, research suggests, improved long-term outcomes⁹

Quality Improvement Efforts

- Under state law, the **Pennsylvania Trauma Systems Foundation (PTSF)** is the accrediting body and develops standards based on the American College of Surgeons guidelines for trauma centers to assure quality patient care for trauma patients. The Foundation also surveys trauma centers, assures regulatory compliance by accredited trauma centers, and promotes optimal outcomes for all trauma patients in Pennsylvania
- The Pennsylvania Trauma Outcomes Study, a registry to which all centers must contribute data to maintain certification, is paving the way for quality improvement in the commonwealth's trauma centers by implementing benchmarking methodology enabling risk-adjusted models for statewide trauma systems¹⁰
- Growth of Level IV trauma centers: Level IV trauma centers provide initial care and stabilization of traumatic injury while arranging transfer to a higher level of trauma care. The PTSF accredited Pennsylvania's first Level IV trauma center during 2013.¹¹ **Effective November 1, 2021, thirteen Level IV trauma centers are operating in the Commonwealth**¹²
- In 2004, the state passed the Pennsylvania Trauma Systems Stabilization Act to provide financial support to hospitals accredited as trauma centers by the PTSF. The funding helps improve access to specialty services and enhance the quality of care by providing training programs, community education, and facility improvements.¹³



FACTS ABOUT PENNSYLVANIA'S TRAUMA CENTERS, November 2021

Page 4

¹ Pennsylvania Trauma Systems Foundation (PTSF), [Press Release – Trauma Center Accreditation Granted to Four Additional Hospitals in Pennsylvania](#). Issued 09/20/2021. Last Accessed: 10/6/2021.

² Pennsylvania Trauma Systems Foundation (PTSF), [What is a Trauma Center?](#) Last accessed 02/24/2021.

³ Pennsylvania Trauma Systems Foundation (PTSF), [Enhancing the Commonwealth's Trauma System: 2019 Annual Report](#). Last accessed: 02/24/2021.

⁴ Ibid.

⁵ Hashmi ZG, Jarman MP, Uribe-Leitz T, Goralnick E, Newgard CD, Salim A, Cornwell E 3rd, Haider AH. [Access Delayed Is Access Denied: Relationship Between Access to Trauma Center Care and Pre-Hospital Death](#). J Am Coll Surg. 2019 Jan;228(1):9-20. Last accessed: 03/04/2021.

⁶ Based on HAP's July 2021 analysis of 2019 Pennsylvania Health Care Cost Containment Council (PHC4) Inpatient Discharge Claims Data.

⁷ Ibid.

⁸ MacKenzie, EJ.; Weir, et al. [The Value of Trauma Center Care](#). Journal of Trauma-Injury Infection & Critical Care. 69(1):1-10, July 2010. Last accessed 3/11/2019.

⁹ Staudenmayer K, Weiser TG, Maggio PM, Spain DA, Hsia RY. [Trauma center care is associated with reduced readmissions after injury. Journal of Trauma and Acute Care Surgery](#). 2016; 80(3):412–418. Last accessed 3/13/2019.

¹⁰ Wiebe DJ, Holena DN, Delgado MK, McWilliams N, Altenburg J, Carr BG. [The Pennsylvania Trauma Outcomes Study Risk-Adjusted Mortality Model: Results of a Statewide Benchmarking Program](#). Am Surg. 2017;83(5):445-452. Last accessed 3/13/2019.

¹¹ PRNewswire.com, [First Level IV Trauma Center to be Accredited in Pennsylvania November 1, 2013](#). Source of the news: PTSF. Last accessed: 02/24/2021.

¹² Pennsylvania Trauma Systems Foundation (PTSF), [Press Release – Trauma Center Accreditation Status Change for Two Hospitals](#). Issued 12/14/2020. Last Accessed: 7/9/2021.

¹³ Pennsylvania Department of Human Services (DHS). [Pennsylvania Trauma Systems Stabilization Act, Annual Report Fiscal Year 2019-2020](#). July 2021. Last accessed 10/6/2021.