

# Emergency Department Survey Summary on Education and Certification Requirements (All Hospitals)

Indiana Hospital Association Survey Dec, 2011

Spencer Grover, FACHE  
Amber Anderson, BHSM

Analysis by Indiana State Department of Health  
Division of Trauma and Injury Prevention  
Camry Hess, MPH  
Jessica Schultz, MPH

## Participating Hospitals

### Hospitals

| # of Annual ED Visits | Number of Hospitals Participating | Percentage |
|-----------------------|-----------------------------------|------------|
| Less than 25,000      | 47                                | 59%        |
| 25,000-50,000         | 19                                | 24%        |
| 50,000-100,000        | 10                                | 13%        |
| Greater than 100,000  | 3                                 | 4%         |
| Total                 | 79                                | 100%       |

**Physician Requirements to work in the Emergency Department**

| <b>Summary</b>   |                     |                 |                               |
|--|---------------------|-----------------|-------------------------------|
| <b>Physician Requirements to work in the Emergency Department: Board Certified or Board Eligible in Emergency Medicine.</b>                        |                     |                 |                               |
| # of Annual ED Visits  | Number of Hospitals | Total Hospitals | Percentage of Total Hospitals |
| Less than 25,000   | 10                  | 47              | 21%                           |
| 25,000-50,000  | 12                  | 19              | 63%                           |
| 50,000-100,000   | 8                   | 10              | 80%                           |
| Greater than 100,000   | 3                   | 3               | 100%                          |
| <b>Total</b>   | <b>33</b>           | <b>79</b>       | <b>42%</b>                    |
| <b>Physician Requirements to work in the Emergency Department: Board Certified or Board Eligible in Another Specialty (Not Emergency Medicine)</b> |                     |                 |                               |
| # of Annual ED Visits  | Number of Hospitals | Total Hospitals | Percentage of Total Hospitals |
| Less than 25,000   | 23                  | 47              | 49%                           |
| 25,000-50,000  | 7                   | 19              | 37%                           |
| 50,000-100,000   | 1                   | 10              | 10%                           |
| Greater than 100,000   | 0                   | 3               | 0%                            |
| <b>Total</b>   | <b>31</b>           | <b>79</b>       | <b>39%</b>                    |
| <b>Physician Requirements to work in the Emergency Department: Licensed Indiana Physician</b>  |                     |                 |                               |
| # of Annual ED Visits  | Number of Hospitals | Total Hospitals | Percentage of Total Hospitals |
| Less than 25,000   | 14                  | 47              | 30%                           |
| 25,000-50,000  | 0                   | 19              | 0%                            |
| 50,000-100,000   | 1                   | 10              | 10%                           |
| Greater than 100,000   | 0                   | 3               | 0%                            |
| <b>Total</b>   | <b>15</b>           | <b>79</b>       | <b>19%</b>                    |

| <b>Physician Requirement Summary</b>  |                |
|---|----------------|
| Physician Requirement to work in the Emergency Department                       | # of Hospitals |
| Board Certified or Board Eligible in Emergency Medicine                         | 33             |
| Board Certified or Board Eligible in Another Specialty (Not Emergency Medicine) | 31             |
| Licensed Indiana Physician  | 15             |
| <b>Total</b>  | <b>79</b>      |

## Physician Requirements to work in the Emergency Department

### Board Certification and Board Eligible Requirements

| # of Annual ED Visits | BC or BE in Another Speciality (not Emergency Medicine) | Licensed Indiana Physician | Hospitals That Do Not Require BC/BE in Emergency Medicine |
|-----------------------|---|----------------------------|---|
| Less than 25,000      | 23  | 14                         | 37  |
| 25,000-50,000         | 7   | 0                          | 7   |
| 50,000-100,000        | 1   | 1                          | 2   |
| >100,000              | 0   | 0                          | 0   |
| <b>Total</b>          | <b>31</b>   | <b>15</b>                  | <b>46</b>   |

### Summary

#### Hospitals Requirement: BC/BE in Another Specialty

| # of Annual ED Visits | ATLS            | ACLS            | PALS            |
|-----------------------|-----------------|-----------------|-----------------|
| Less than 25,000      | 15 (65%)        | 20 (87%)        | 15 (65%)        |
| 25,000-50,000         | 2 (29%)         | 5 (71%)         | 5 (71%)         |
| 50,000-100,000        | 1 (100%)        | 1 (100%)        | 1 (100%)        |
| >100,000              | 0 (0%)          | 0 (0%)          | 0 (0%)          |
| <b>Total</b>          | <b>18 (58%)</b> | <b>26 (84%)</b> | <b>21 (68%)</b> |

#### Hospitals Requirement: Licensed Indiana Physician

| # of Annual ED Visits | ATLS           | ACLS           | PALS           |
|-----------------------|----------------|----------------|----------------|
| Less than 25,000      | 5 (36%)        | 6 (43%)        | 5 (36%)        |
| 25,000-50,000         | 0 (0%)         | 0 (0%)         | 0 (0%)         |
| 50,000-100,000        | 0 (0%)         | 1 (100%)       | 1 (100%)       |
| >100,000              | 0 (0%)         | 0 (0%)         | 0 (0%)         |
| <b>Total</b>          | <b>5 (33%)</b> | <b>7 (47%)</b> | <b>6 (40%)</b> |

#### Hospitals Requirement: BC/BE in Another Specialty or Licensed Indiana Physician (Combination of 2 Tables Above)

| # of Annual ED Visits | ATLS            | ACLS            | PALS            |
|-----------------------|-----------------|-----------------|-----------------|
| Less than 25,000      | 20 (54%)        | 26 (70%)        | 20 (54%)        |
| 25,000-50,000         | 2 (29%)         | 5 (71%)         | 5 (71%)         |
| 50,000-100,000        | 1 (50%)         | 2 (100%)        | 2 (100%)        |
| >100,000              | 0 (0%)          | 0 (0%)          | 0 (0%)          |
| <b>Final Total</b>    | <b>23 (50%)</b> | <b>33 (72%)</b> | <b>27 (59%)</b> |

**Explanation of Final Total Row (Previous Page)**

50% of hospitals that do not require BC/BE in Emergency Medicine require physicians staffing in the ED to be certified in ATLS

72% of hospitals that do not require BC/BE in Emergency Medicine require physicians staffing in the ED to be certified in ACLS

59% of hospitals that do not require BC/BE in Emergency Medicine require physicians staffing in the ED to be certified in PALS

| Non-Physician Requirements to Work in the Emergency Department |                       |                                     |  |   |                 |
|--|-----------------------|-------------------------------------|--|---|-----------------|
| Summary  |                       |                                     |  |   |                 |
| Position   | # of Annual ED Visits | Trauma Nurse Core Curriculum (TNCC) | Advanced Trauma Course for Nurses (ATCN) | Emergency Nurse Pediatric Course (ENPC) | Total Hospitals |
| RN   | Less than 25,000      | 32 (68%)                            | 0 (0%)                                   | 14 (30%)                                | 47              |
|  | 25,000-50,000         | 12 (63%)                            | 0 (0%)                                   | 6 (32%)                                 | 19              |
|  | 50,000-100,000        | 6 (60%)                             | 1 (10%)                                  | 3 (30%)                                 | 10              |
|  | Greater than 100,000  | 2 (67%)                             | 0 (0%)                                   | 2 (67%)                                 | 3               |
|  | All Sizes             | 52 (66%)                            | 1 (1%)                                   | 25 (32%)                                | 79              |
| APN  | Less than 25,000      | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 47              |
|  | 25,000-50,000         | 1 (5%)                              | 0 (0%)                                   | 0 (0%)                                  | 19              |
|  | 50,000-100,000        | 1 (10%)                             | 1 (10%)                                  | 1 (10%)                                 | 10              |
|  | Greater than 100,000  | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 3               |
|  | All Sizes             | 2 (3%)                              | 1 (1%)                                   | 1 (1%)                                  | 79              |
| PA   | Less than 25,000      | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 47              |
|  | 25,000-50,000         | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 19              |
|  | 50,000-100,000        | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 10              |
|  | Greater than 100,000  | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 3               |
|  | All Sizes             | 0 (0%)                              | 0 (0%)                                   | 0 (0%)                                  | 79              |

### Non-Physician Requirements to Work in the Emergency Department (Continued)

#### Summary

| Position | # of Annual ED Visits | ATLS   | ACLS      | PALS     | Total Hospitals |
|----------|-----------------------|--------|-----------|----------|-----------------|
| RN       | Less than 25,000      | 0 (0%) | 47 (100%) | 38 (81%) | 47              |
|          | 25,000-50,000         | 0 (0%) | 19 (100%) | 17 (89%) | 19              |
|          | 50,000-100,000        | 0 (0%) | 9 (90%)   | 8 (80%)  | 10              |
|          | Greater than 100,000  | 0 (0%) | 3 (100%)  | 2 (67%)  | 3               |
|          | All Sizes             | 0 (0%) | 78 (99%)  | 65 (82%) | 79              |
| APN      | Less than 25,000      | 0 (0%) | 10 (21%)  | 9 (19%)  | 47              |
|          | 25,000-50,000         | 0 (0%) | 5 (26%)   | 4 (21%)  | 19              |
|          | 50,000-100,000        | 0 (0%) | 5 (50%)   | 4 (40%)  | 10              |
|          | Greater than 100,000  | 0 (0%) | 0 (3%)    | 0 (0%)   | 3               |
|          | All Sizes             | 0 (0%) | 20 (25%)  | 17 (22%) | 79              |
| PA       | Less than 25,000      | 0 (0%) | 7 (15%)   | 5 (11%)  | 47              |
|          | 25,000-50,000         | 1 (5%) | 5 (26%)   | 3 (16%)  | 19              |
|          | 50,000-100,000        | 0 (0%) | 7 (70%)   | 5 (50%)  | 10              |
|          | Greater than 100,000  | 0 (0%) | 0 (0%)    | 0 (0%)   | 3               |
|          | All Sizes             | 1 (1%) | 19 (24%)  | 13 (16%) | 79              |

| Other Responses to Certification Requirements |  |
|---|--|
| # of Annual ED Visits                         | Response   |
| Less than 25,000                              | PALS, TNCC and ENPC are highly encouraged for RN's as time permits. we have no APN/PA's  |
| Less than 25,000                              | Neonatal Resuscitation ERNP - Emergency Nursing Pediatric Course   |
| Less than 25,000                              | The RN job description only has ACLS as a requirement, but we do assure that all RN's have the TNCC and also either the ENPC or PALS                       |
| Less than 25,000                              | Question #2 Board cerification in specialty of training. Question #5 Physicians and APN are required to have 150 hours of CEU's but not specific to trauma |
| Less than 25,000                              | We will be requiring the ENPC in the near future for RNs. We also recommend the BCEN for RNs   |
| Less than 25,000                              | NRP  |
| Less than 25,000                              | Specific trauma credentialing for RNs to care for patients who meet trauma activation criteria   |
| Less than 25,000                              | Our physicians are staffed by an outside source  |
| Less than 25,000                              | PALS & TNCC are strongly encouraged, but not required.   |
| Less than 25,000                              | Our policy is that you can have ENPC or PALS and NRP.  |
| 25,000-50,000                                 | BLS. Highly recommend FCCS, TNCC and ENPC after one year of experience.  |
| 50,000-100,000                                | We do not have NP/ PA's in the ER. RN's that work in the critical care bays are required TNCC.   |
| Greater than 100,000                          | PALS for our Peds ED, with ENPC as well. ACLS for our Adult ED   |



| <b>CEU Requirements</b>   |                              |                   |                        |
|---|------------------------------|-------------------|------------------------|
| <b># of Hospitals that Require CEU's Specific to Trauma with Adult and Pediatric Components</b> |                              |                   |                        |
| <b>Position</b>   | <b># of Annual ED Visits</b> | <b>Number (%)</b> | <b>Total Hospitals</b> |
| Physician   | Less than 25,000             | 15 (32%)          | 47                     |
|   | 25,000-50,000                | 9 (47%)           | 19                     |
|   | 50,000-100,000               | 7 (70%)           | 10                     |
|   | Greater than 100,000         | 2 (67%)           | 3                      |
|   | All Sizes                    | 33 (42%)          | 79                     |
| RN  | Less than 25,000             | 12 (26%)          | 47                     |
|   | 25,000-50,000                | 3 (16%)           | 19                     |
|   | 50,000-100,000               | 3 (30%)           | 10                     |
|   | Greater than 100,000         | 1 (33%)           | 3                      |
|   | All Sizes                    | 19 (24%)          | 79                     |
| APN   | Less than 25,000             | 2 (4%)            | 47                     |
|   | 25,000-50,000                | 0 (0%)            | 19                     |
|   | 50,000-100,000               | 3 (30%)           | 10                     |
|   | Greater than 100,000         | 0 (0%)            | 3                      |
|   | All Sizes                    | 5 (6%)            | 79                     |
| PA  | Less than 25,000             | 2 (4%)            | 47                     |
|   | 25,000-50,000                | 1 (5%)            | 19                     |
|   | 50,000-100,000               | 3 (30%)           | 10                     |
|   | Greater than 100,000         | 0 (0%)            | 3                      |
|   | All Sizes                    | 6 (8%)            | 79                     |