

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

Indiana Hospital Association Survey 2015

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Analysis by Indiana State Department of Health

Division of Trauma and Injury Prevention

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This survey was originally conducted in December 2011 when there were 7 ACS Verified Trauma Centers. The same survey was conducted again in 2015, with the number of ACS Verified Trauma Centers jumping to 11. In 2015, 10 of the 11 ACS Verified Trauma Centers responded to this survey.

#### **Key findings from 2011 to 2015:**

##### **Physician Staffing:**

A higher percent of hospitals in 2015 require physicians staffing the ED to be Board Certified or Board Eligible in Emergency Medicine (increased from 42% to 67%)

A lower percent of hospitals in 2015 require physicians staffing the ED to be Board Certified or Board Eligible in another specialty that is not emergency medicine (decreased from 39% to 20%)

A lower percent of hospitals in 2015 require physicians staffing the ED who are not required any board certification or board eligibility to have certification in ATLS, ACLS, and PALS. The percent certified are 33%-17%, 47%-25%, and 40%-25%, respectively.

##### **Non-Physician Requirements:**

The percent of APNs who are required to have ATLS increased from 0% to 10%

##### **CEU Requirements:**

The percent of RNs required to have CEUs specific to trauma with adult and pediatric components went from 24% to 34%.

### Participating Hospitals

#### Hospitals

# of Annual ED Visits	Number of Hospitals Participating	Percentage
Less than 25,000	52	56%
25,000-50,000	24	26%
50,000-100,000	15	16%
Greater than 100,000	2	2%
Total	93	100%

## Physician Requirements to work in the Emergency Department

Summary			
<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	26	52	50%
25,000-50,000	21	24	88%
50,000-100,000	13	15	87%
Greater than 100,000	2	2	100%
<b>Total</b>	<b>62</b>	<b>93</b>	<b>67%</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	14	52	27%
25,000-50,000	3	24	13%
50,000-100,000	2	15	13%
Greater than 100,000	0	2	0%
<b>Total</b>	<b>19</b>	<b>93</b>	<b>20%</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	12	52	23%
25,000-50,000	0	24	0%
50,000-100,000	0	15	0%
Greater than 100,000	0	2	0%
<b>Total</b>	<b>12</b>	<b>93</b>	<b>13%</b>

Physician Requirement Summary	
Physician Requirement to work in the Emergency Department	# of Hospitals
Board Certified or Board Eligible in <b>Emergency Medicine</b>	62
Board Certified or Board Eligible in <b>Another Specialty (Not Emergency Medicine)</b>	19
Board Certified or Board Eligible in Emergency Medicine or Another Specialty (Not Emergency Medicine)	81
Licensed Indiana Physician	12

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

<b>Board Certified or Board Eligible Requirements</b>			
# of Annual ED Visits	BC/BE in Another Speciality (not Emergency Medicine)	Licensed Indiana Physician	Hospitals That Do Not Require BC/BE in Emergency Medicine
Less than 25,000	14	12	26
25,000-50,000	3	0	3
50,000-100,000	2	0	2
>100,000	0	0	0
<b>Total</b>	<b>19</b>	<b>12</b>	<b>31</b>

<b>Summary</b>			
<b>Hospitals Requirement: BC/BE in Another Speciality</b>			
# of Annual ED Visits	ATLS	ACLS	PALS
Less than 25,000	11 (79%)	11 (79%)	9 (64%)
25,000-50,000	3 (100%)	3 (100%)	2 (67%)
50,000-100,000	0 (0%)	1 (50%)	1 (50%)
>100,000	0 (0%)	0 (0%)	0 (0%)
<b>Total</b>	<b>14 (74%)</b>	<b>15 (79%)</b>	<b>12 (63%)</b>
<b>Hospitals Requirement: Licensed Indiana Physician</b>			
# of Annual ED Visits	ATLS	ACLS	PALS
Less than 25,000	2 (17%)	3 (25%)	3 (25%)
25,000-50,000	0 (0%)	0 (0%)	0 (0%)
50,000-100,000	0 (0%)	0 (0%)	0 (0%)
>100,000	0 (0%)	0 (0%)	0 (0%)
<b>Total</b>	<b>2 (17%)</b>	<b>3 (25%)</b>	<b>3 (25%)</b>
<b>Hospitals Requirement: BC/BE in Another Speciality or Licensed Indiana Physician (Combination of 2 Tables Above)</b>			
# of Annual ED Visits	ATLS	ACLS	PALS
Less than 25,000	13 (50%)	4 (54%)	12 (46%)
25,000-50,000	3 (100%)	3 (100%)	2 (67%)
50,000-100,000	0 (0%)	1 (50%)	1 (50%)
>100,000	0 (0%)	0 (0%)	0 (0%)
<b>Final Total</b>	<b>16 (52%)</b>	<b>18 (58%)</b>	<b>15 (48%)</b>

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

52% of hospitals that do not require BC/BE in Emergency Medicine require physicians staffing in the ED to be certified in ATLS

58% of hospitals that do not require BC/BE in Emergency Medicine require physicians staffing in the ED to be certified in ACLS

48% 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	35 (67%)	0 (0%)	15 (29%)	52
	25,000-50,000	16 (67%)	1 (4%)	9 (38%)	24
	50,000-100,000	11 (73%)	0 (0%)	5 (33%)	15
	Greater than 100,000	2 (100%)	0 (0%)	2 (100%)	2
	All Sizes	64 (69%)	1 (1%)	31 (33%)	93
APN	Less than 25,000	1 (2%)	0 (0%)	0 (0%)	52
	25,000-50,000	3 (13%)	0 (0%)	2 (8%)	24
	50,000-100,000	1 (7%)	0 (0%)	1 (15%)	15
	Greater than 100,000	2 (100%)	0 (0%)	1 (50%)	2
	All Sizes	7 (8%)	0 (0%)	4 (4%)	93
PA	Less than 25,000	0 (0%)	0 (0%)	0 (0%)	52
	25,000-50,000	1 (4%)	0 (0%)	0 (0%)	24
	50,000-100,000	1 (7%)	0 (0%)	1 (7%)	15
	Greater than 100,000	1 (50%)	0 (0%)	1 (50%)	2
	All Sizes	3 (3%)	0 (0%)	2 (2%)	93

## 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	2 (4%)	51 (98%)	49 (94%)	52
	25,000-50,000	1 (4%)	23 (96%)	21 (88%)	24
	50,000-100,000	1 (7%)	15 (100%)	12 (80%)	15
	Greater than 100,000	0 (0%)	2 (100%)	2 (100%)	2
	All Sizes	4 (4%)	91 (98%)	84 (90%)	93
APN	Less than 25,000	1 (2%)	13 (25%)	11 (21%)	52
	25,000-50,000	6 (25%)	12 (50%)	10 (42%)	24
	50,000-100,000	2 (13%)	7 (47%)	6 (40%)	15
	Greater than 100,000	0 (0%)	2 (100%)	2 (100%)	2
	All Sizes	9 (10%)	34 (37%)	34 (37%)	93
PA	Less than 25,000	2 (4%)	14 (27%)	10 (19%)	52
	25,000-50,000	4 (17%)	9 (38%)	8 (33%)	24
	50,000-100,000	2 (13%)	5 (33%)	5 (33%)	15
	Greater than 100,000	0 (0%)	1 (50%)	1 (2%)	2
	All Sizes	8 (9%)	29 (31%)	24 (26%)	93



Other Responses to Certification Requirements	
# of Annual ED Visits	Response
Less than 25,000	APN's and PA's are not seeing our traumas
Less than 25,000	Approximately 1/2 of RNs are TNCC certified. Although not a current requirement, we intend to establish this certification as a requirement within two years.
Less than 25,000	BLS
Less than 25,000	BLS for healthcare NRP
Less than 25,000	BLS, NRP - strongly encouraged
Less than 25,000	CEN Highly Recommended
Less than 25,000	ENPC can take place of PALS cert.
Less than 25,000	ENPC; TNCC highly encouraged and most often obtained within first 12 months of working ED
Less than 25,000	Neonatal resuscitation TB certification
Less than 25,000	NEONATAL RESUSSITATION - NRP
Less than 25,000	NRP
Less than 25,000	NRP
Less than 25,000	Nursing can maintain one Pediatric course (ENPC or PALS), but both are encouraged. Physician and providers stay current in their ACLS and PALS. ATLS is highly encouraged but not required. CEUs are required for their field of practice, but not specific to trauma.
Less than 25,000	Registered Nurse
Less than 25,000	RN's have NRP and PALS or they have ENPC. TNCC is highly recommended but not required.
Less than 25,000	Staff RNs are required to complete courses as soon as possible after hire. ACLS/PALS ENPC, TNCC as courses are available
25,000-50,000	Non-Violent Crisis Intervention (CPI) Certification - for RNs
25,000-50,000	ENPC is offered and optional for RN's APN's and PA's are hired by the ED physician group and are not required to have any of the above courses.
25,000-50,000	The TNCC course is preferred at present. Most RN staff have completed
25,000-50,000	ENPC is encouraged and approx 50% of RN's have this.
50,000-100,000	24/7 coverage with a RN that is TNS certified. ATCN, ENPC and ATLS are alternate certifications once a RN obtains the TNCC certification.
50,000-100,000	Our Nurses are starting to take ATCN in place of TNCC after a certain number of years.
50,000-100,000	PA's are a component of the physician staffing model - we do not have APNs in the ED
50,000-100,000	RNs must be either TNCC or ATCN and PALS or ENPV
50,000-100,000	TNCC Recommended and financially supported, in progress of working towards required.
Greater than 100,000	APNs in ED do not work in advance trauma area, work observation and non urgent care Not all RNs required ATCN, being for charge staff only.
Greater than 100,000	PALS and ENPC applies to those working in Pediatric 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	17 (33%)	52
	25,000-50,000	13 (54%)	24
	50,000-100,000	10 (67%)	15
	Greater than 100,000	2 (100%)	2
	All Sizes	42 (45%)	93
RN	Less than 25,000	12 (23%)	52
	25,000-50,000	9 (38%)	24
	50,000-100,000	9 (60%)	15
	Greater than 100,000	2 (100%)	2
	All Sizes	32 (34%)	93
APN	Less than 25,000	2 (4%)	52
	25,000-50,000	5 (21%)	24
	50,000-100,000	4 (27%)	15
	Greater than 100,000	1 (50%)	2
	All Sizes	12 (13%)	93
PA	Less than 25,000	4 (8%)	52
	25,000-50,000	3 (13%)	24
	50,000-100,000	5 (33%)	15
	Greater than 100,000	0 (0%)	2
	All Sizes	12 (13%)	93