

Nursing education study



**ASSIGN
BUSTER**

Contents

- Level of nursing education

Feature of some of the studies are as shown below

Name of the researcher	Publication year	Area where research was done	Setting	The type of study conducted
Aitken 2010	2011	Research was conducted on these states: Florida, California and Pennsylvania,	670 (88%) hospitals dealing with acute care and having a combined employee tally of 40, 121 nurses	Cross-sectional type of study
Aitken, et al., 2004	2003	Research was conducted on Pennsylvania	170 (81%) general acute care hospitals with a combined tally of 10, 200 registered nurses	Cross-sectional type of study
Aitken et al., 2009	2009	Research was conducted on Pennsylvania	170 (81%) privately owned general acute care hospitals with a	Cross-sectional type of study

			combined tally of 10, 200 registered nurses	
Aitken, et al., 2013	2013	Research was conducted on Spain, Sweden, Ireland, England, Norway, Belgium and Australia.	A total of 310 general hospitals with a total tally of 27, 184 registered nurses.	Cross-sectional type of study
Eastbrockset al., 2006	2006	Research was conducted in Canada	50 acute care hospitals analyzed with a total tally of 6, 615 registered nurses.	Cross-sectional type of study
Gullugher K. et al., 2010	2010	Research was conducted in the following states: Florida, California and New Jersey)	711 (82%) acute care general hospitals with a total tally of 28, 122 registered nurses.	Secondary analysis and assessment of past studies
Carney-Let al., 2009	2009	Research was conducted in California	160 acute care hospitals with 10, 112 staff nurses directly involved	Cross-sectional type of study

			inpatient care	
			140 acute care	
Carney-Let al., 2012	2012	Research was conducted in California	hospitals with 8, 864 staff nurses directly involved inpatient care	Two-stage panel study
			A total of 80 community hospitals with a total of 3, 994 nurses all plying their trade in medical-surgical hospitals.	Cross-sectional type of study
Walton et al., 2008	2008	Research was conducted in Canada		

Education for nursing

Study Interventions

The study interventions included all the nurses who had their Bachelor of Science in nursing degrees. Almost all these intervention studies gathered data through a nurse questionnaire survey (Aiken et al., 2011; Aiken et al., 2014; Eastbrocks et al., 2006; Kendall-Gallagher et al., 2011;; Kutney-Lee & Aiken, 2008; Tourangeau et al., 2007)

There were a number of studies which applied two data tools, nurse survey and administrative data, in the evaluation and the verification of the total

<https://assignbuster.com/nursing-education-study/>

number of Bachelor of Science in nursing nurses in their respective hospice settings (Aitken, et al., 2013; Aitken, et al., 2004; Carney-L & Aiken, 2013).

The average rate of response for the nurse questionnaire survey was at 51%; there were no notable differences and the range was basically between 35% and 65%. However, there were important variations and differences for nurses who were holders of BSN degrees, and this covered differently among the hospitals, some reporting as low as 0% and others as high as 100%.

Education requirements for registered nursing

Respective features of the intervention

Name of the researcher	The method use	The response rate of the nurses interviewed	Percentage average of Bachelor of Science in nursing
Aitken 2010	The number of patients discharged compared to the nurse's level of education	40%	Thirty-percent of the hospitals have fewer than 30% of their nurses that have a Bachelor of Science in Nurse prepared, while twenty percent of the hospital had more than fifty percent of nurses with a Bachelor of Science in Nursing.
Aiken, et al., 2004	The number of patients discharged	53%	The percentage of staff nurses with bachelor's degree or higher

compared to the nurse’s level of education and the administrative information on the nurses.

degrees ranged from zero to seventy percent in hospitals. In twenty percent of the hospitals (35/170) less than twenty percent of staff nurses were holders of a Bachelor of Science in Nurse, whereas in eleven percent of hospitals (20/170) fifty percent or more of the nurses had a Bachelor of Science in Nurse or master’s degrees portrayed larger and have postgraduate medical training programs, in addition to technology facilities.

Aiken et al., 2009

The number of patients discharged compared to the nurse’s level of education and the administrative information on the nurses.

53%

The average percentage of nurses with a Bachelor of Science in Nurse was at 30% for all the hospitals studied.

Aitken, et al., 2013

The number of patients discharged

59%

The results for the eight countries studied showed that

	compared to the nurse's level of education and the administrative information on the nurses.		fifty two percent of the nurses were holders of a Bachelor of Science in Nurse or higher. Range used was zero to one hundred percent. However, in Norway and Spain, all the nurses were holders of a Bachelor of Science in Nurse.
Eastbrocks et al., 2006	The number of patients discharged compared to the nurse's level of education	54%	The score for the average level of education among nurses was at 0. 24. The scale was zero for diploma, one for Bachelor of Science in Nurse or higher, range was 0-0. 5
Gullugher K. et al., 2010	The number of patients discharged compared to the nurse's level of education	35%	The average percentage of nurses who were holders of a Bachelor of Science in Nurse or higher were at 40%. The range was from zero to seventy five percent
Carney-Let al., 2009	Patient and administrative records compared to the nurses levels of	51%	About 31% of the nurses were holders of a degree in Bachelor of Science in Nursing. The range was from zero to seventy five

	education		percent.
	Retrospective, two-		
	stage panellinking		
	datasources		
	spanning a seven		
	year time period		
	from 2000 to 2007.		
Carney-Let	The number of	2000-	The total number of nurses used
al., 2009	patients discharged	51%2007-	in the 2000 study was 41, 999
	compared to the	40%	while in the year 2007, nurses
	nurse’s level of		involved in the study were
	education and the		26000. The average percentage
	administrative		of nurses with a degree in
	information on the		Bachelor of Science in Nursing in
	nurses.		2000 was at 33% while in
			2007%, it was at 34. 7%
	The number of		
	patients discharged		
Waltonet	compared to the	66%	The percentage of Nurses with a
al., 2008	nurse’s level of		Bachelor of Science in Nursing,
	education		the average was 12. 6 and the
			standard deviation was at 10.

Level of nursing education

Study Outcomes

The twenty five studies included in the systematic review assessed the following parameters either in percentages or in proportions; 30-day mortality (Aiken et al., 2005; Aiken et al., 2011; Aiken et al., 2014; Kutney-Lee & Aiken, 2008; Kutney-Lee et al., 2013)., lower readmission rates; shorter lengths of stay, lower rates of post- surgery mortality, lower congestive cardiac heart failure rate, and lower hospital acquired decubitus ulcers and failure to rescue (Aiken et al., 2011; Kutney-Lee & Aiken, 2008; Kutney-Lee et al., 2013).

Features of study outcomes for some of the studies

Name of the researcher	The features of the patients	The outcome studied	Parameter used to measure the outcome
Aitken 2010	1, 350, 111 of patients who were more who had undergone general surgery, surgeries on deformation of bones and muscles, and vascular surgeries.	Death occurring 30 days after the patient has either been admitted, diagnosed or undergone a surgery and death resulting in a complication	The overall number of patients and the percentage levels

		that was	
		treatable	
		Death	
		occurring 30	
	222, 432 patients	days after the	
	who were twenty	patient has	
	years or more who	either been	
	had undergone	admitted,	The overall number
Aiken, et al.,	general surgery,	diagnosed or	of patients and the
2004	surgeries on	undergone a	percentage levels
	deformation of	surgery	
	bones and	anddeath	
	muscles, and	resulting in a	
	vascular surgeries	complication	
		that was	
		treatable	
Aiken et al.,	222, 432 patients	Death	The levels of the
2009	who were twenty	occurring 30	proportion
	years or more who	days after the	
	had undergone	patient has	
	general surgery,	either been	
	surgeries on	admitted,	
	deformation of	diagnosed or	
	bones and	undergone a	
	muscles, and	surgery	

		and death	
		resulting in a	
	vascular surgeries	complication	
		that was	
		treatable	
	140, 000 patients	Death	
	who were fifty	occurring 30	
	years or more who	days after the	
	had undergone	patient has	The overall number
Aitken, et al.,	general surgery,	either been	of patients and the
2013	surgeries on	admitted,	percentage levels
	deformation of	diagnosed or	
	bones and	undergone a	
	muscles, and	surgery	
	vascular surgeries		
Eastbrockset	18, 432 patients	Death	The average
al., 2006	who had the	occurring 30	percentage levels
	following ailments:	days after the	
	acute	patient has	
	myocardial infarction,	either been	
	weakness of the	admitted,	
	heart that leads to	diagnosed or	
	a buildup of fluid in	undergone a	
	the lungs and	surgery	
	surrounding body		

tissues, chronic
 obstructivepulmon
 ary disease,
 pneumonia, or
 thrombosis and
 seizure.

Death

occurring 30

1, 384, 106 days after the
 patients who were patient has
 twenty one years either been
 or more who had admitted,

Gullugher K. et al., 2010
 undergone general diagnosed or
 surgery, surgeries undergone a
 on deformation of surgery
 bones and anddeath
 muscles, and resulting in a
 vascular surgeries complication
 that was
 treatable

The average
 percentage levels

Carney-Let al., 2009
 10, 754 patients
 who were twenty
 years or more and
 had undergone
 surgery and

Death
 occurring 30
 days after the
 patient has
 either been

The overall number
 of patients and the
 percentage levels

admitted,
 diagnosed or
 serious mental illness upon admission or within and death
 the previous 90 days. resulting in a complication that was treatable

Death
 occurring 30
 480, 124 patients days after the

who were twenty years or more who either been

Carney-Let al., 2009

had undergone general surgery, deformations of bones and muscles, and vascular surgeries admitted, diagnosed or undergone a surgery and death resulting in a complication that was treatable

The overall number of patients and the percentage levels

Walton et al., 2008 47, 101 patients who were twenty Death occurring 30

The overall nu

years or more and
had the following
ailments: acute
myocardialinfarctio
n, thrombosis and
seizure,
pneumonia, and
blood poisoning.

days after the
patient has
either been
admitted,
diagnosed or
undergone a
surgery