

# South Dakota Educational Needs & Priorities Healthcare Facility Survey Report

**South Dakota | Area 3**



May 2010

The South Dakota Area Health Education Center (AHEC) along with Yankton Rural Area Health Education Center developed and dispersed the facility survey in February 2010. The survey was emailed to South Dakota hospital and nursing home administrators and/or directors of nursing with a response rate of 30%. Surveys were sent out via [www.surveymonkey.com](http://www.surveymonkey.com) and analyzed using Survey Monkey and Microsoft Excel.

The survey aimed at gathering information regarding educational needs and educational priorities of the healthcare facilities in South Dakota. Out of the 263 surveys emailed to South Dakota hospitals and nursing homes, 79 were completed. As illustrated in Figure 1, the type of facility with the highest percentage of respondents was Skilled Nursing Facilities with 50.7%. “Other” responses included clinic, continuing care retirement community, skilled nursing with assisted living and senior apartments, hospital with attached rural clinic and attached long term care facility.

Figure 1

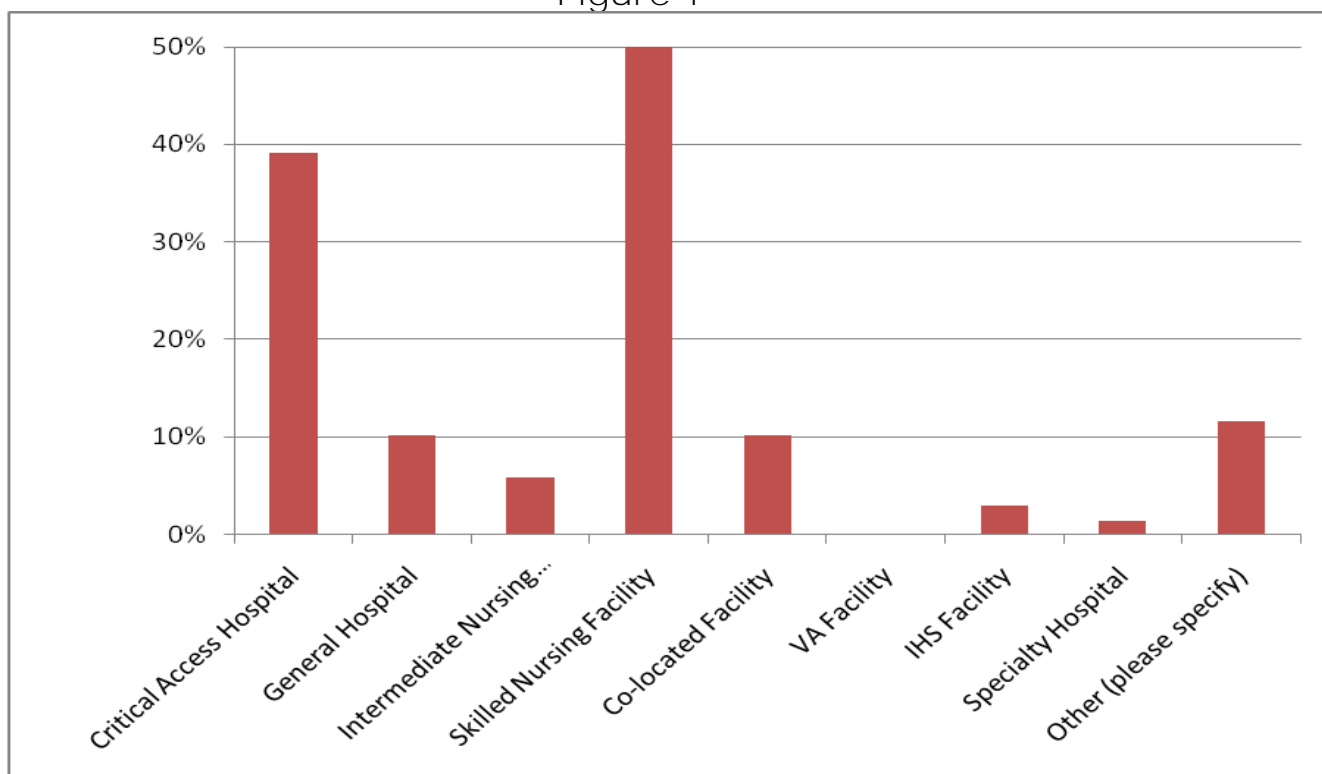


Figure 2

Figure 2 shows the title of the individual who completed the survey. The top response was Director of Nursing with 48.5%. The second highest response was CEO/Administrator with 44.1%. The “Other” responses include Chief Nursing Officer, DOE, & accreditation specialist.

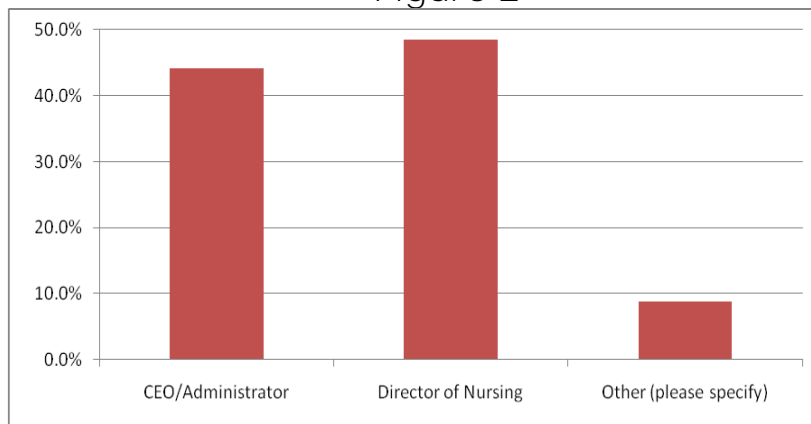


Figure 3 indicates the majority of facilities which completed the survey are located in the Southeast Region of South Dakota with 46.3%, while the region with the lowest response was

## Survey Question Two

Respondents were asked to indicate those areas in ‘Quality of Services’ which they need/desire future educational programming. Figure 5 shows the top four responses were Patient & Family Satisfaction, Medical Error Prevention, Quality Assessment/Performance Improvement (QAPI), and Performance Indicators. Respondents were allowed to select more than one answer.

Figure 5

| Answer Options   | Response Percent |
|--|------------------|
| Patient and Family Satisfaction  | 60.9%            |
| Medical Error Prevention   | 49.3%            |
| Quality Assessment/Performance Improvement (QAPI)                        | 47.8%            |
| Performance Indicators   | 42.0%            |
| Provider Satisfaction and Retention                                      | 34.8%            |
| Never Events   | 30.4%            |
| Quality Improvement Organization   | 29.0%            |
| Hospital Consumer Assessment of Healthcare Provider and Systems (HCAHPS) | 24.6%            |
| Healthcare Effectiveness Data and Information Set (HEDIS)                | 17.4%            |
| Physician Quality Reporting Initiative (PQRI)                            | 14.5%            |
| Surgical Site Infection Prevention                                       | 5.8%             |

## Survey Question Three

Respondents were asked to indicate those areas in ‘Models of Care Delivery’ which they need/desire future educational programming. Figure 6 shows the top four responses were Patient Focused Care, Team/Functional Nursing Care, Acuity Based Staffing Model, and Eden Alternative. Respondents were allowed to select more than one answer.

Figure 6

| Answer Options                  | Response Percent |
|---------------------------------|------------------|
| Patient Focused Care            | 61.5%            |
| Team/Functional Nursing Care    | 55.4%            |
| Acuity Based Staffing Model     | 52.3%            |
| Eden Alternative                | 29.2%            |
| Primary Care                    | 21.5%            |
| Shared Governance               | 20.0%            |
| Rapid Response Teams            | 13.8%            |
| Planetree Patient Centered Care | 12.3%            |

## Survey Question Four

Respondents were asked to indicate those areas in ‘Patient Care Certifications’ which they need/desire future educational programming. Figure 7 shows the top five responses were Geriatric Nurse Certified (GNC), Certified Infection Control Nurse (CICN), Certified Wound & Ostomy Care Nurse (CWOCN), Certified Diabetes Educator (CDE), and Pediatric Advanced Life Support (PALS). Respondents were allowed to select more than one answer.

Figure 7

| Answer Options   | Response Percent |
|--|------------------|
| Geriatric Nurse Certified (GNC)  | 54.2%            |
| Certified Infection Control Nurse (CICN)                               | 42.4%            |
| Certified Wound and Ostomy Care Nurse (CWOCN)                          | 37.3%            |
| Certified Diabetes Educator (CDE)                                      | 32.2%            |
| Pediatric Advanced Life Support (PALS)                                 | 32.2%            |
| Advanced Cardiac Life Support (ACLS)                                   | 30.5%            |
| Trauma Nurse Core Curriculum (TNCC)                                    | 28.8%            |
| Advanced Trauma Life Support( ATLS)                                    | 22.0%            |
| Cardiopulmonary Resuscitation (CPR)                                    | 18.6%            |
| Pediatric Emergency Assessment, Recognition, and Stabilization (PEARS) | 18.6%            |
| Critical Care RN (CCRN)  | 13.6%            |
| Oncology Certified Nurse (OCN)   | 13.6%            |
| Certified Nurse OR (CNOR)  | 8.5%             |
| Certified Ostomy Care Nurse (COCN)                                     | 8.5%             |
| Neonatal Resuscitation Program (NRP)                                   | 6.8%             |
| Pediatric Education for Prehospital Professionals (PEPP)               | 6.8%             |

## Survey Question Five

Respondents were asked to indicate those areas in ‘Specialty Clinical Care’ which they need/desire future educational programming. Figure 8 shows the top four responses were Pain Management, Dementia/Alzheimer’s, Infectious Diseases/Community Acquired Disease, and Stroke Recovery. Respondents were allowed to select more than one answer.

Figure 8

| Answer Options                                 | Response Percent |
|--|------------------|
| Pain Management                                | 63.8%            |
| Dementia/Alzheimer's                           | 60.3%            |
| Infectious Diseases/Community Acquired Disease | 50.0%            |
| Stroke Recovery                                | 43.1%            |
| Wound/Ostomy Care                              | 37.9%            |
| Mental Diseases                                | 36.2%            |
| Cardiovascular Disease                         | 32.8%            |
| Trauma   | 31.0%            |
| Pulmonary Diseases                             | 25.9%            |
| Women's Health Topics                          | 25.9%            |
| End Stage Renal Disease (ESRD)                 | 24.1%            |
| Head Trauma/Traumatic Brain Injury             | 24.1%            |
| Neurological Diseases                          | 22.4%            |
| Orthopedic Rehabilitation                      | 19.0%            |
| Children's Health Topics                       | 17.2%            |
| Men's Health Topics                            | 17.2%            |
| Neuromuscular Diseases                         | 13.8%            |
| Allergic Diseases                              | 12.1%            |
| Celiac Disease/Irritable Bowel Syndrome        | 10.3%            |
| Para/Quadriplegic Impairments                  | 10.3%            |
| Post Chemotherapy/Radiation Care               | 10.3%            |
| Developmentally Disabled                       | 8.6%             |
| Aneurysm                                       | 6.9%             |
| Dermatitis                                     | 6.9%             |
| Hematologic Conditions                         | 6.9%             |
| Ear Nose Throat Topics                         | 5.2%             |

## Survey Question Six

Respondents were asked to indicate those areas in 'Cancer Care' which they need/desire future educational programming. Figure 9 shows the top four responses were Colon & Rectal, Lung, Breast, and Prostate Cancer. Respondents were allowed to select more than one answer.

Figure 9

| Answer Options        | Response Percent |
|-----------------------|------------------|
| Colon and Rectal      | 74.2%            |
| Lung                  | 54.8%            |
| Breast                | 41.9%            |
| Prostate              | 41.9%            |
| Leukemia              | 32.3%            |
| Kidney                | 29.0%            |
| Pancreatic            | 29.0%            |
| Non-Hodgkins Lymphoma | 25.8%            |
| Uterine               | 22.6%            |
| Bladder               | 19.4%            |
| Endometrial           | 19.4%            |
| Cervical              | 19.4%            |
| Brain Tumor           | 19.4%            |
| Hodgkin Lymphoma      | 19.4%            |
| Melanoma              | 16.1%            |
| Gastric               | 16.1%            |
| Thyroid               | 12.9%            |
| Non-melanoma Skin     | 9.7%             |
| Oral                  | 9.7%             |
| Testicular            | 9.7%             |

## Survey Question Seven

Respondents were asked to indicate those areas in ‘Aging Services’ which they need/desire future educational programming. Figure 10 shows the top four responses were Nursing Home Quality Measures, Hospice Care, Roles of QIO & Long Term Ombudsman, and Patient/Resident Rights. Respondents were allowed to select more than one answer.

Figure 10

| Answer Options                            | Response Percent |
|---|------------------|
| Nursing Home Quality Measures             | 52.5%            |
| Hospice Care                              | 44.1%            |
| Roles of QIO and Long Term Care Ombudsman | 44.1%            |
| Patient/Resident Rights                   | 40.7%            |
| Assisted Living                           | 39.0%            |
| Elderly Abuse                             | 39.0%            |
| Human Dignity                             | 39.0%            |
| Skilled Care                              | 37.3%            |
| Adult Day Care                            | 35.6%            |
| Restraints                                | 30.5%            |
| Independent Living                        | 13.6%            |
| Congregate Care                           | 10.2%            |
| Intermediate Care                         | 8.5%             |

## Survey Question Eight

Respondents were asked to indicate those areas in ‘Regulation’ which they need/desire future educational programming. Figure 11 shows the top four responses were CMS Conditions of Participation (CoP), Minimum Data Sets (MDS)/MDS 3.0, Fraud & Abuse/Compliance, and Occupational Safety & Health Administration (OSHA). Respondents were allowed to select more than one answer.

Figure 11

| Answer Options | Response Percent |
|----------------|------------------|
|----------------|------------------|



## Survey Question Nine

Respondents were asked to indicate those areas in 'Environment of Care' which they need/desire future educational programming. Figure 12 shows the top five responses were Infection Control, Emerging Infectious Diseases, Drug Diversion in the Workplace, Ergonomics for the Prevention of Musculoskeletal Disorders, and Life Safety. Respondents were allowed to select more than one answer.

Figure 12

| Answer Options   | Response Percent |
|--|------------------|
| Infection Control  | 53.3%            |
| Emerging Infectious Diseases                               | 50.0%            |
| Drug Diversion in the Workplace                            | 41.7%            |
| Ergonomics for the Prevention of Musculoskeletal Disorders | 41.7%            |
| Life Safety  | 41.7%            |
| Safety/Security Management                                 | 36.7%            |
| Bloodborne Pathogens and Needlestick Prevention            | 35.0%            |
| Hazardous Materials and Waste                              | 26.7%            |
| Pandemic/Bioterrorism Preparation                          | 23.3%            |
| Recording and Reporting Occupational Injuries and Illness  | 23.3%            |
| Workplace Violence   | 23.3%            |
| Establishing a Drug and Tobacco Free Environment           | 16.7%            |
| Latex Safe Environment                                     | 10.0%            |

## Survey Question Ten

Respondents were asked to indicate those areas in 'Education Delivery Method' which they need/desire future educational programming. Figure 13 shows the top four responses were Webinar-live, real-time; Online classes – anytime, on-demand; Video Conference; and Classroom Learning. Respondents were allowed to select more than one answer.

Figure 13

| Answer Options                      | Response Percent |
|-------------------------------------|------------------|
| Webinar - live, real-time           | 65.3%            |
| Online Classes - anytime, on-demand | 62.5%            |
| Video Conference                    | 37.5%            |

## Survey Findings

The National AHEC Organization's motto is: *"connecting students to careers, professionals to communities and communities to better health."* As the South Dakota AHEC embarks on its first year, surveying hospitals and skilled nursing facilities was necessary to determine the needs of our state, as identified by the professionals who oversee these facilities, to support the AHEC's desire to aid *"communities to better health."*

The survey asked respondents to indicate specific education needs in 10 areas identified on the survey as 10 question areas. These question areas were: administration, quality of service, models of care delivery, patient care certifications, specialty clinical care, cancer care, aging services, regulation, environment of care, and education delivery method. All 10 survey questions had at least one answer option where 50% or more of the respondents indicated a need for educational programming. Half of the survey questions had at least one answer option where 60% or more of the respondents indicated a need for educational program. One survey question, regarding cancer care, had an answer option where over 70% of the respondents indicate a need for educational programming.

South Dakota hospitals and skilled nursing facilities are in need of additional professional development opportunities. BT