South Dakota's Nursing Workforce 2021 Supply and Employment Characteristics

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Acknowledgements

- Thank you
  - SD licensed nurses who completed the survey questions
  - Sage Project Consultants, LLC
  - SDBON staff-Linda Young, Glenna Burg, and Erin Matthies

Focus of Report

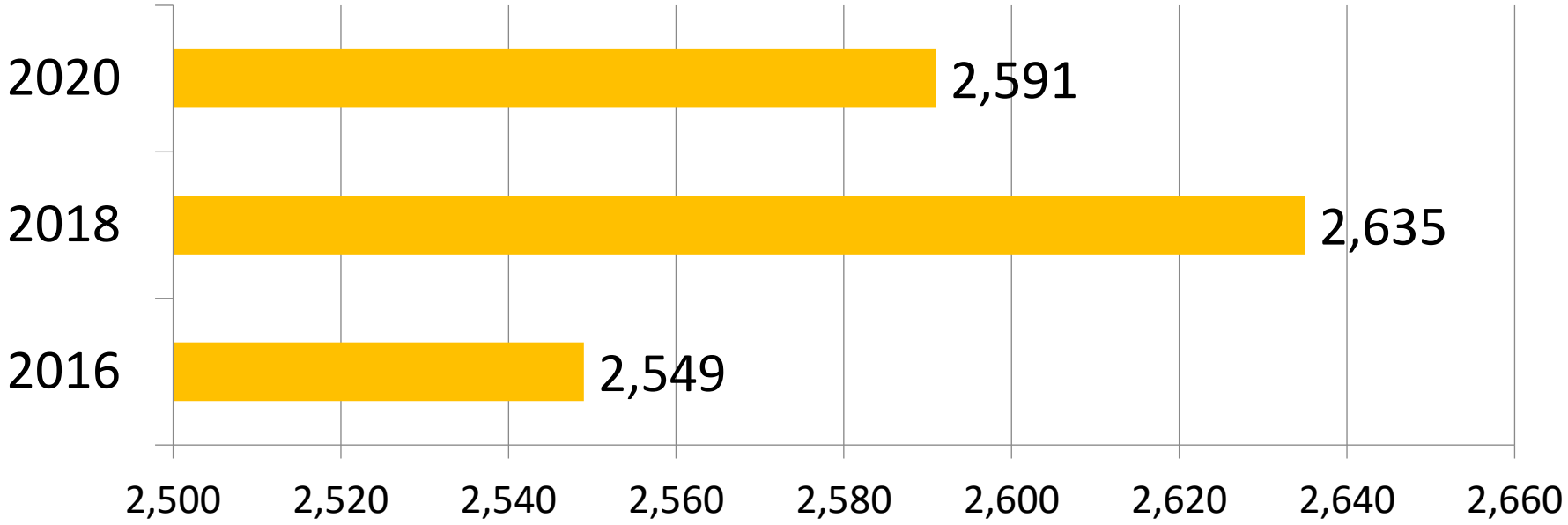
- Supply and characteristics of the nursing workforce for:
  - Licensed Practical Nurses (LPN)
  - Registered Nurses (RN)
  - Certified Nurse Midwives (CNM)
  - Certified Nurse Practitioners (CNP)
  - Certified Registered Nurse Anesthetists (CRNA)
  - Clinical Nurse Specialists (CNS)

Overview and Methods

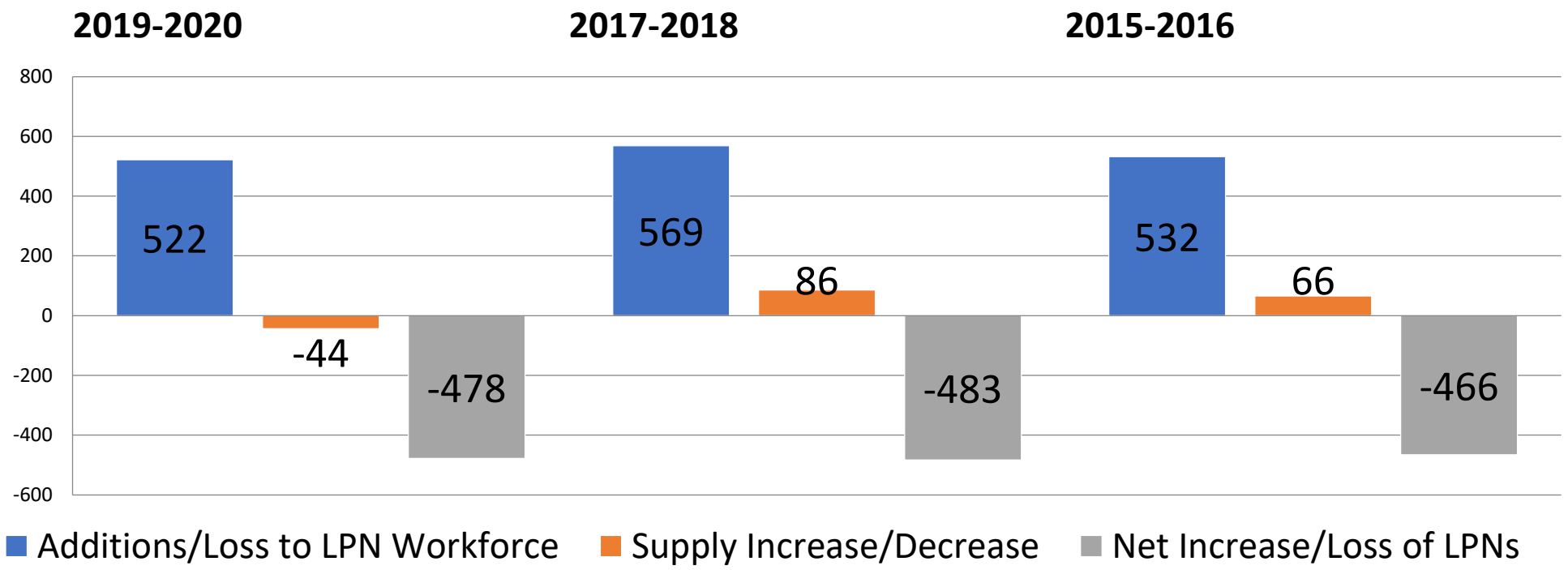
- Data analyzed was collected from January 1, 2019 to December 31, 2020
- Nursing supply is measured by the number of actively licensed nurses
- Nurses that renewed, reactivated, or reinstated their license on a biennial basis were required to complete survey questions addressing number of hours worked or volunteered in the profession in addition to other employment characteristics
- Nurses that applied for initial licensure by examination or license by endorsement into SD from another state did not complete the employment data questions and were excluded in the response rate

LPN Supply

Actively Licensed Practical Nurses

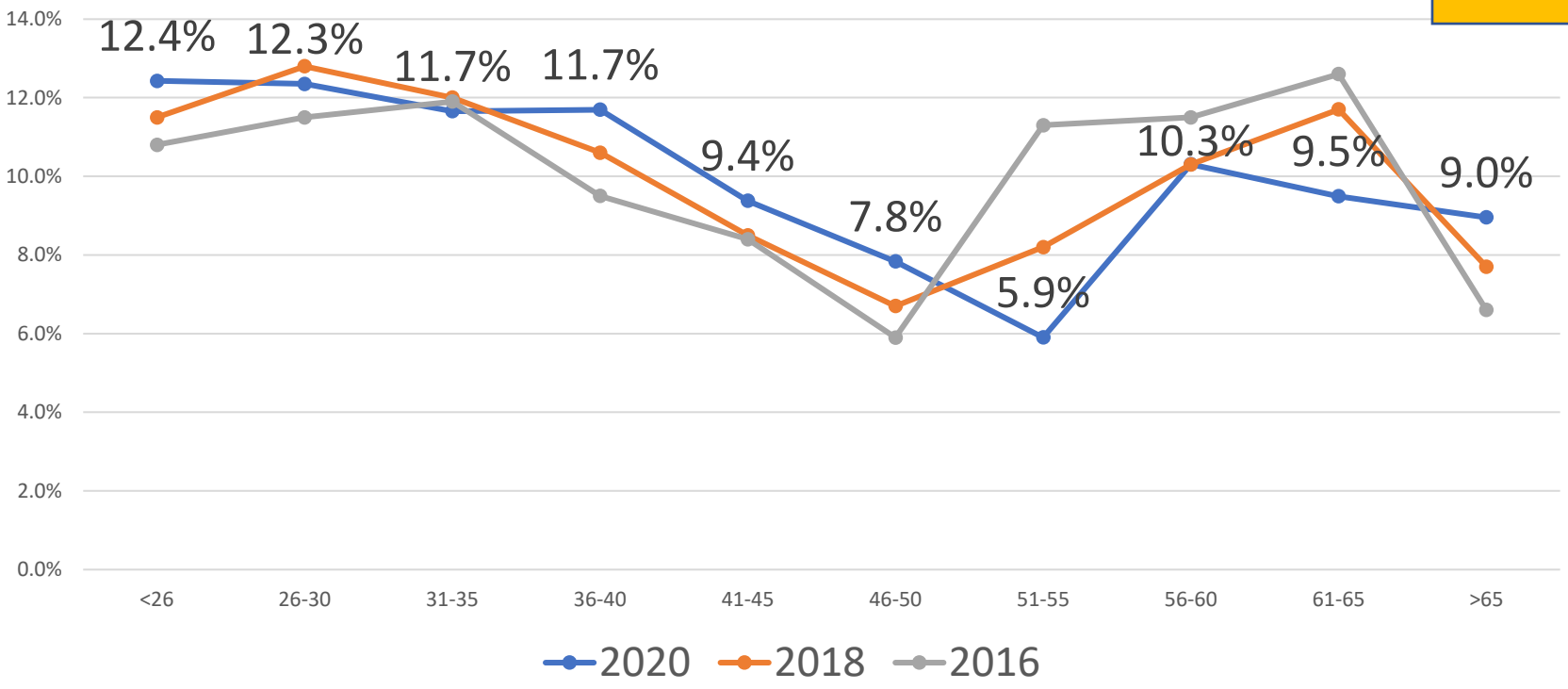


LPN Workforce Gains and Losses

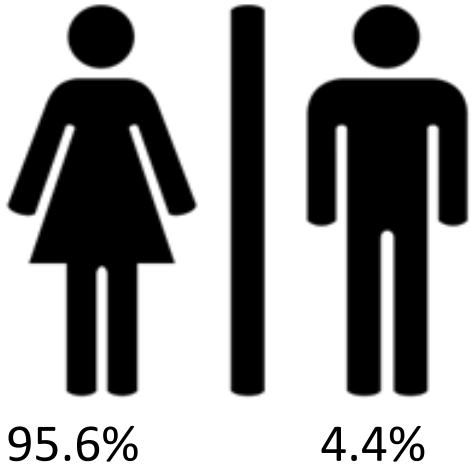


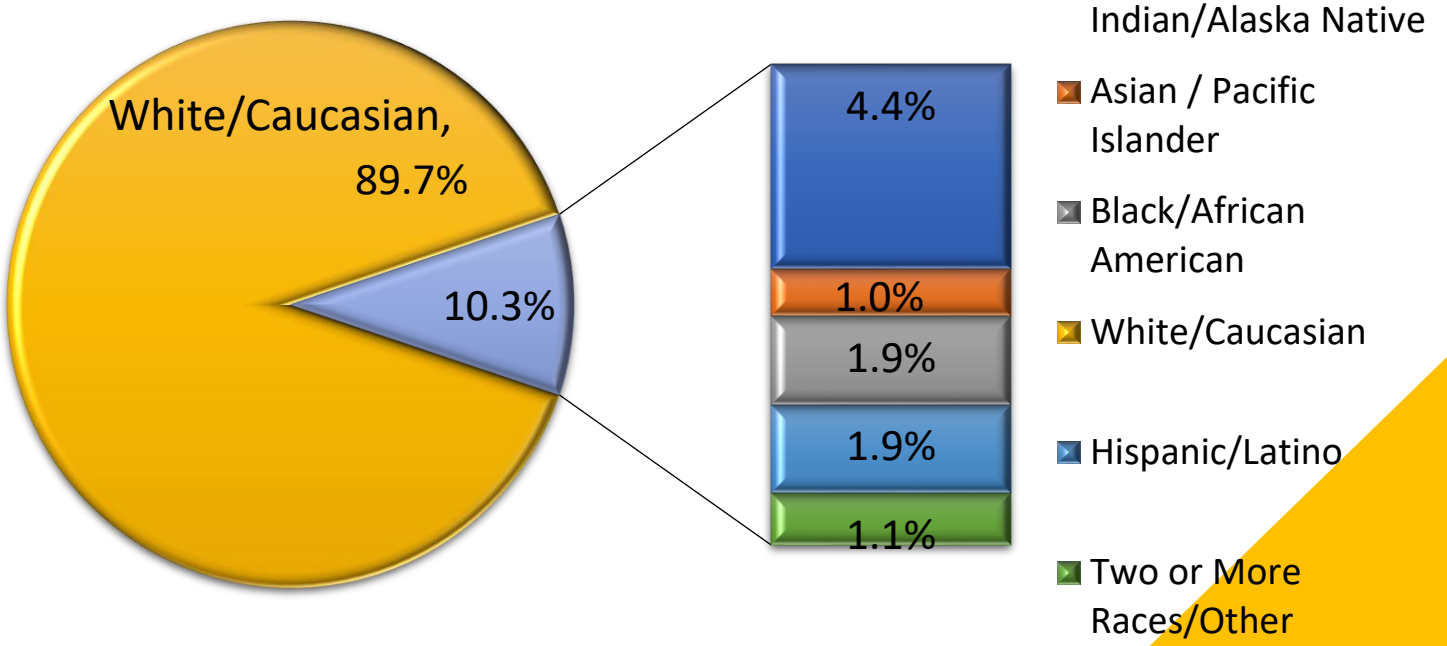
LPN Characteristics

Average Age: 43.7



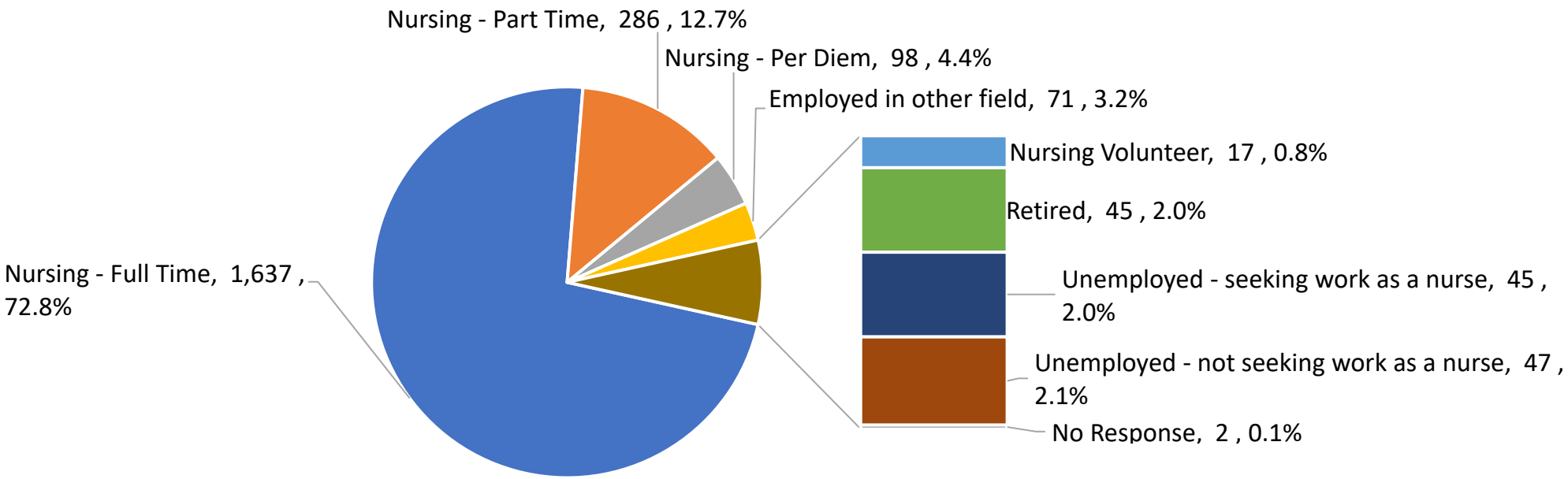
LPN Characteristics





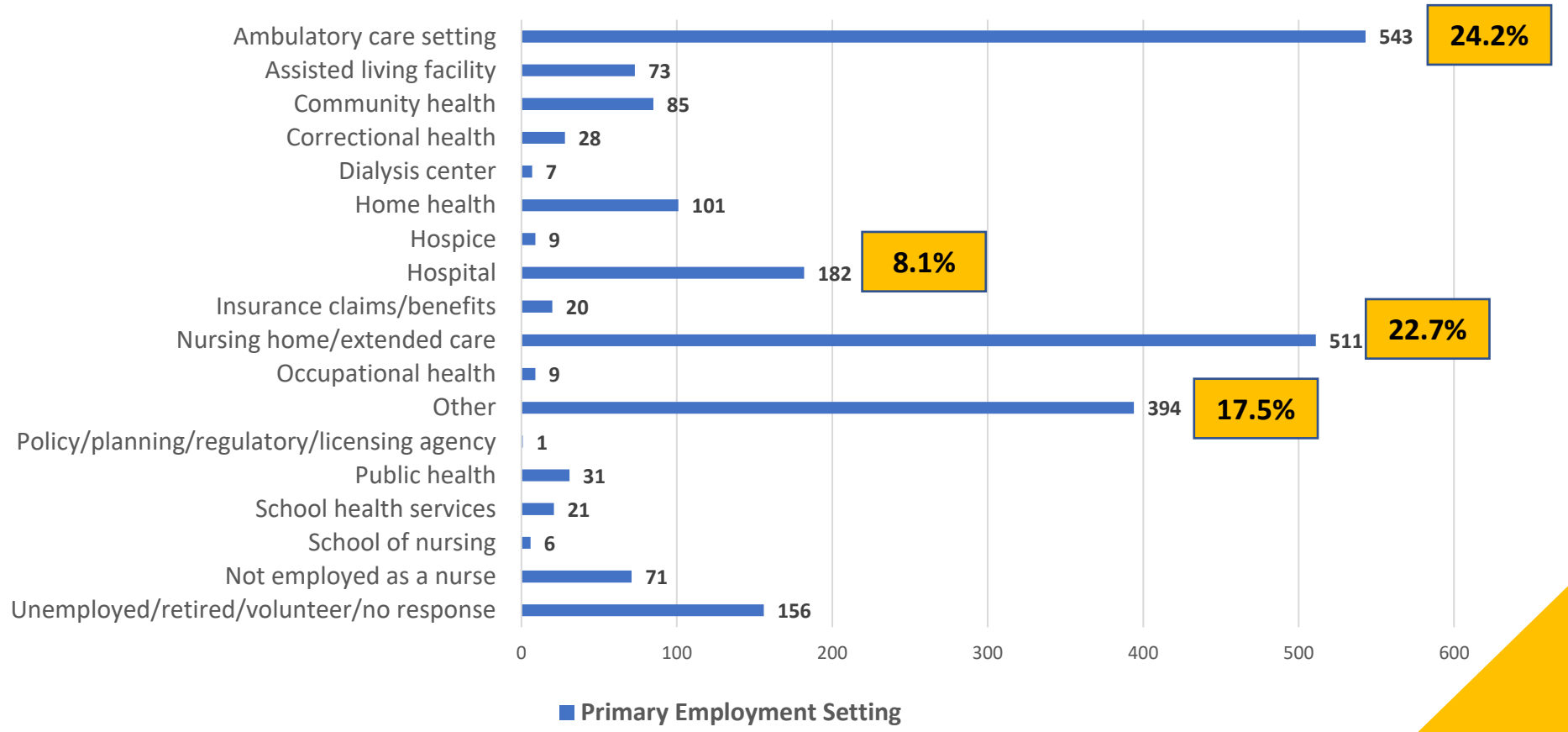
Workforce Report Pages: 6-7

LPN Employment



89.9% were employed in nursing full-time, part-time, or per diem
82.3% were employed in the state of South Dakota

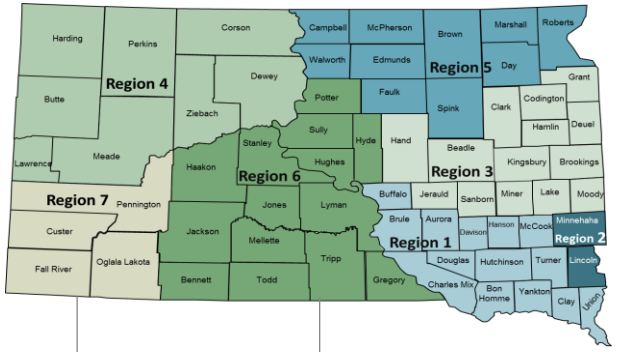
LPN Primary Employment Setting

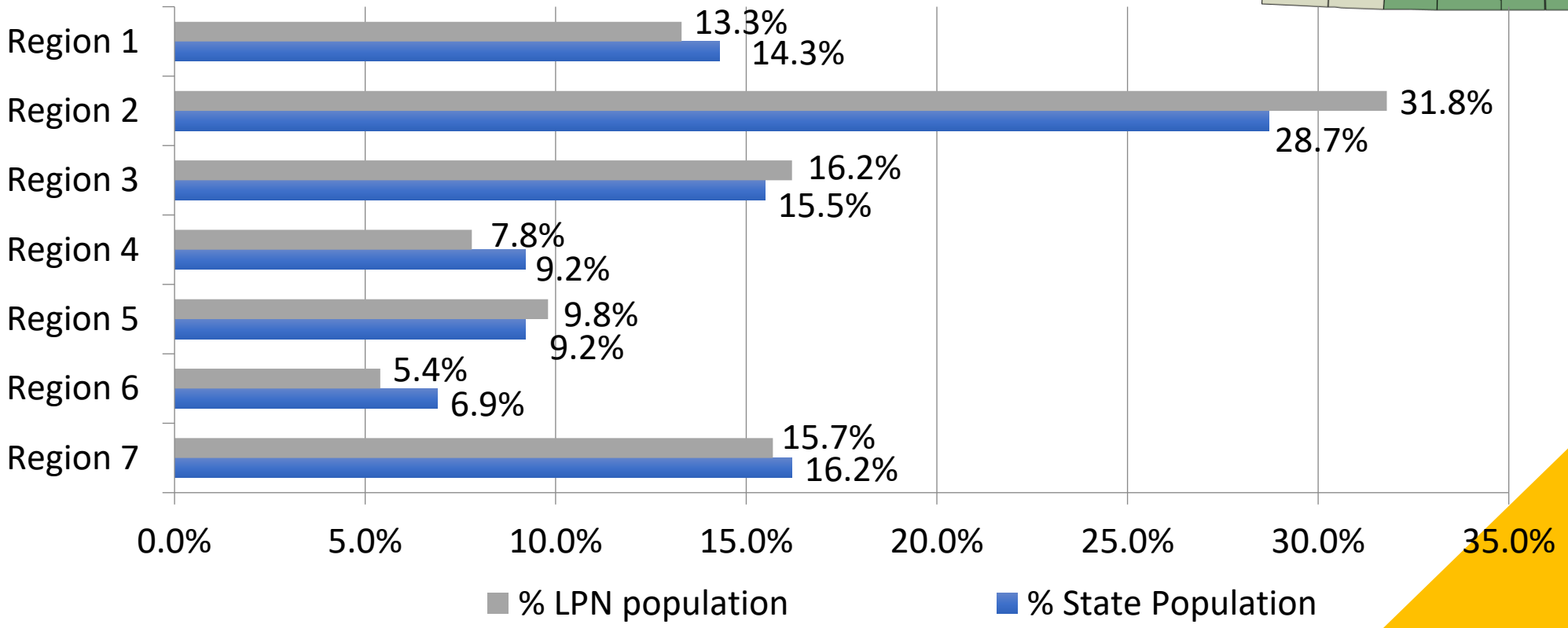


25.5%, practiced in the specialty area of geriatric/gerontology and 21.0% in adult/family health

Workforce Report Pages: 10-12

LPN Distribution



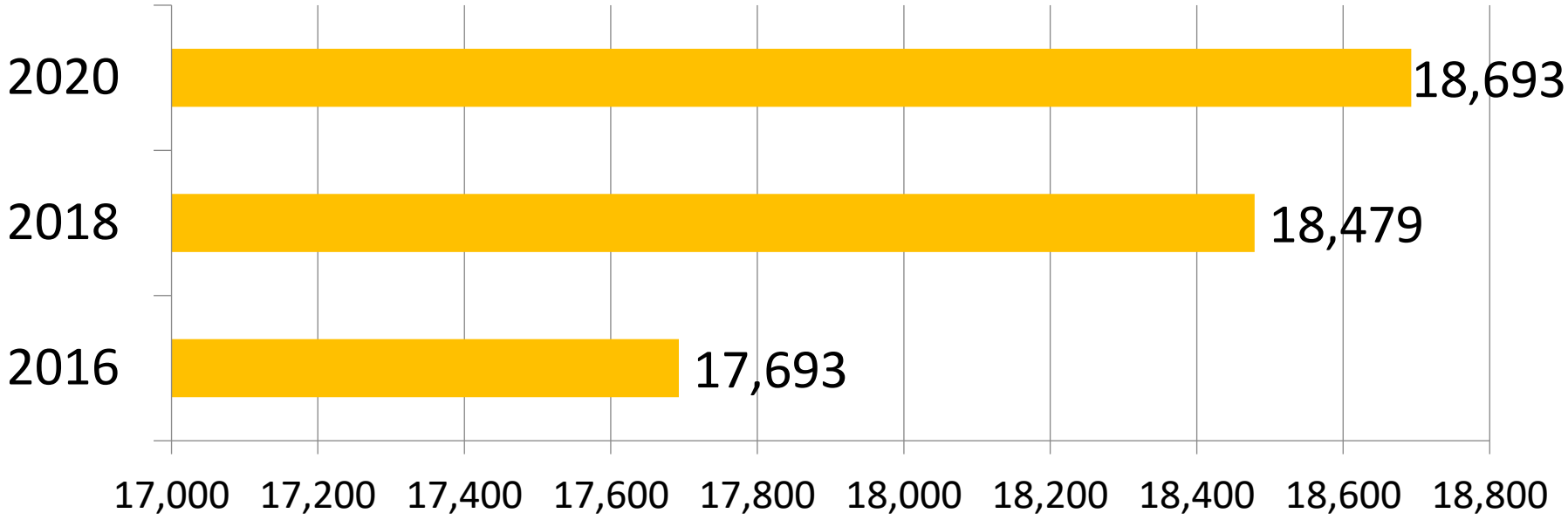


LPN County Distribution

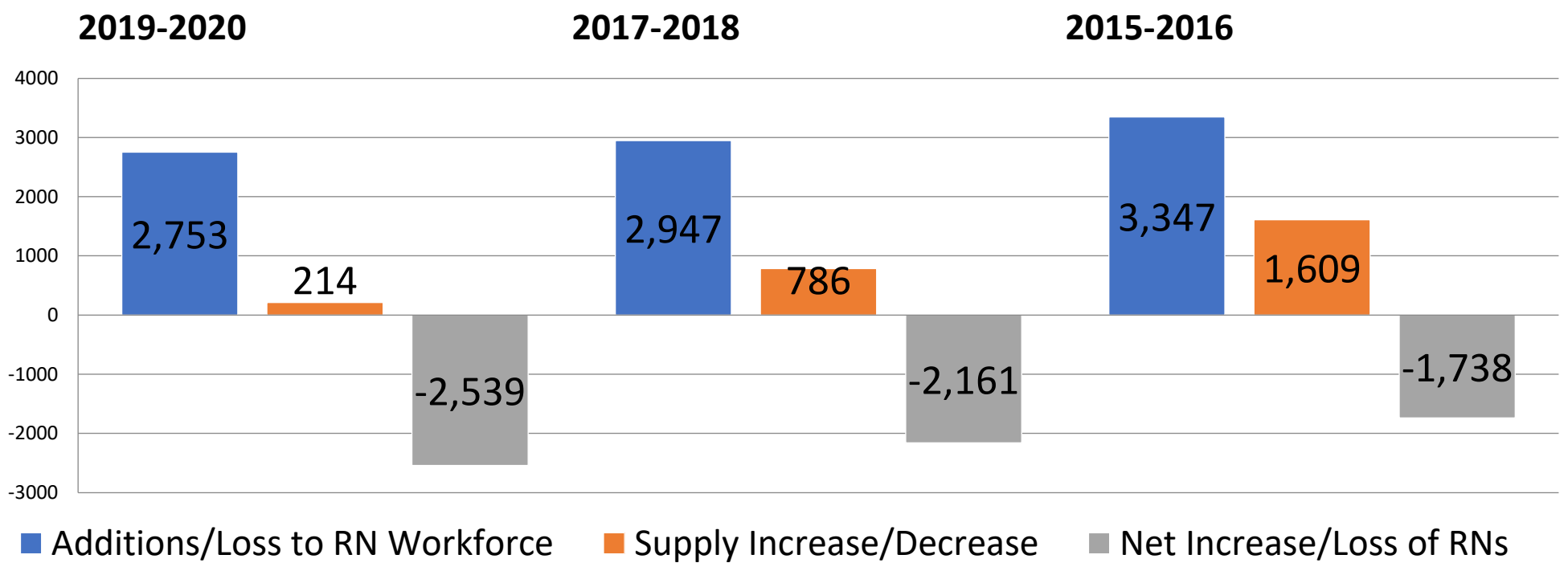
County	County Population[2]	Number of LPNs	Number of LPNs 61 Years or Older
Aurora	2,751	4	25.0% (1)
Beadle	18,453	33	21.2% (7)
Bennett	3,365	6	33.3% (2)
Bon Homme	6,901	17	52.9% (9)
Brookings	35,077	57	10.5% (6)
Brown	38,839	100	20.0% (20)

RN Supply

Actively Licensed Registered Nurses

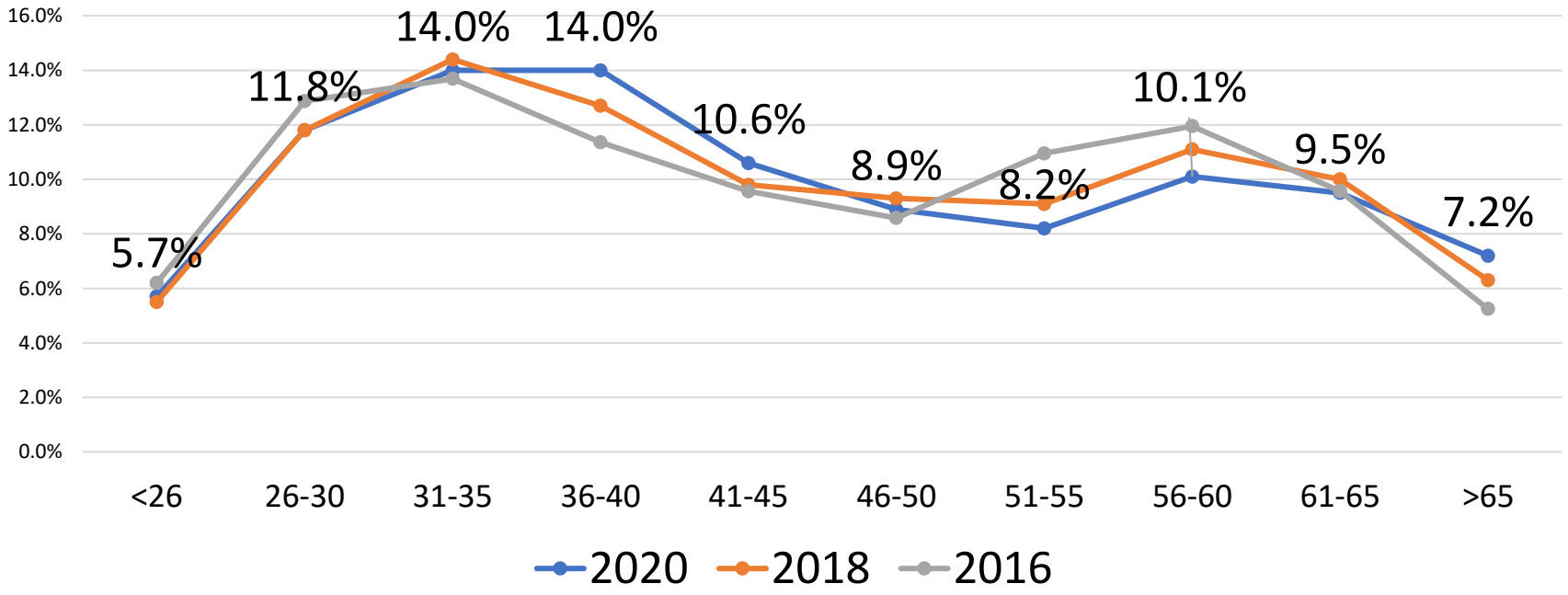


RN Workforce Gains and Losses

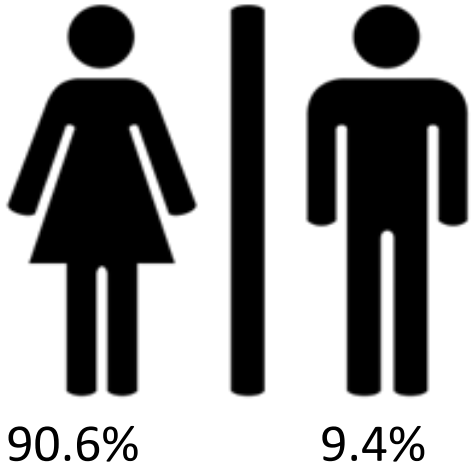


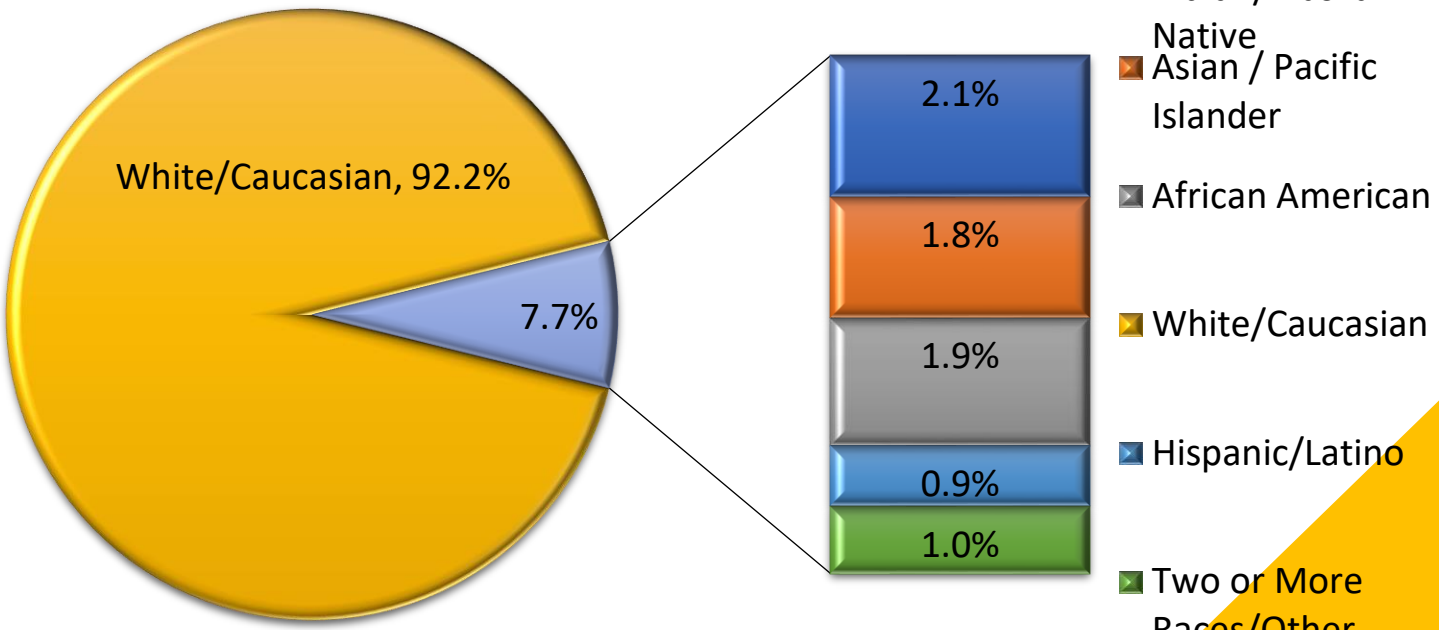
RN Characteristics

Average Age: 44.6



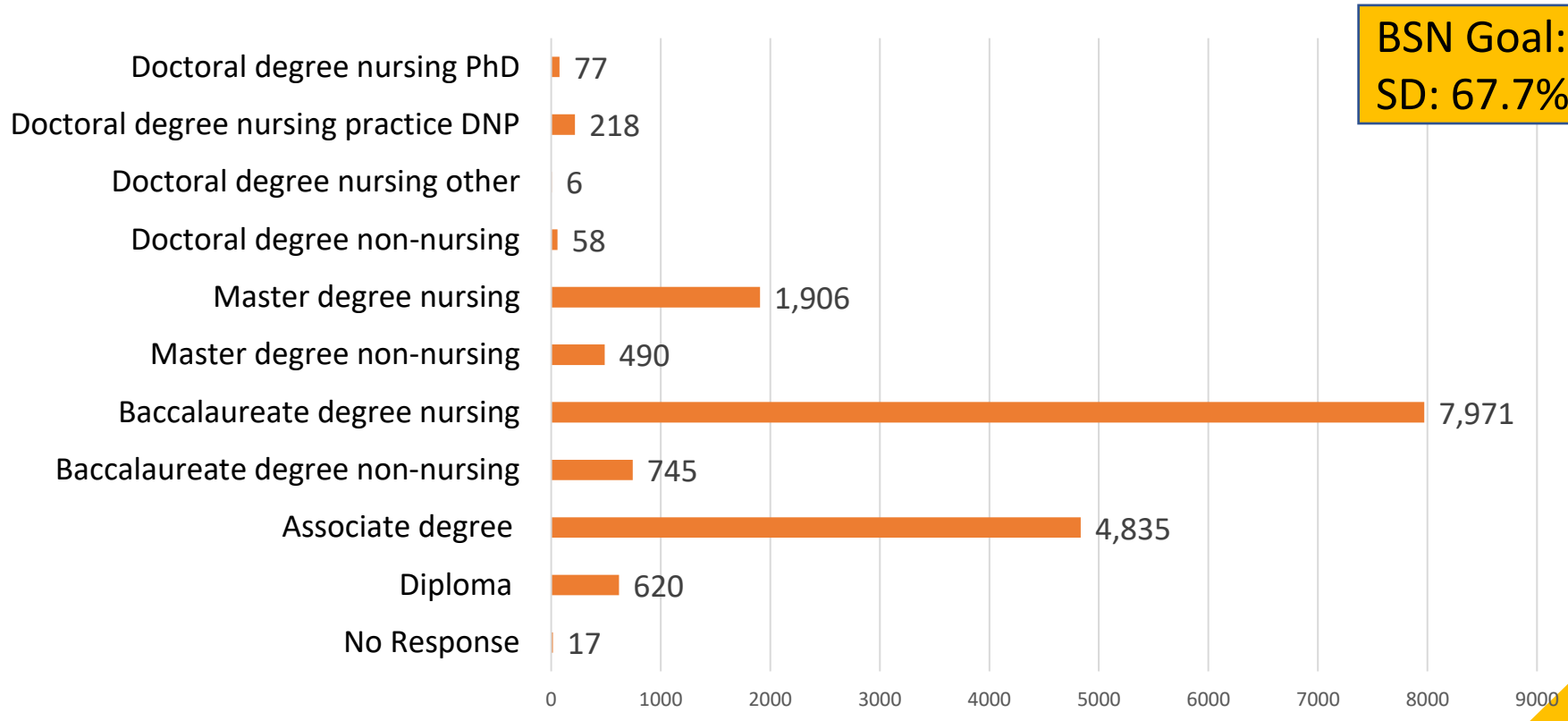
RN Characteristics





Workforce Report Pages:15,16

RN Highest Academic Achievement



BSN Goal: 80%
SD: 67.7%

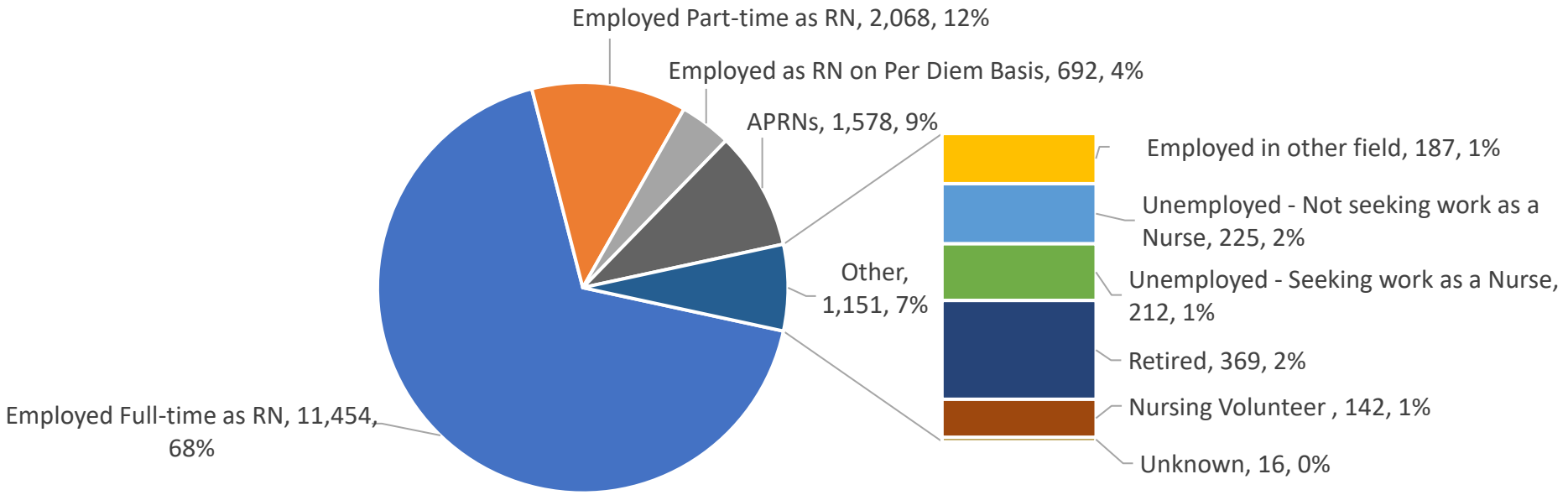
Workforce Report Pages: 17

RN Degree Enhancement

Nursing Degree Sought	2019 – 2020 Number of RNs	2019 – 2020 Percent	2017 – 2018 Number of RNs	2017 – 2018 Percent
Baccalaureate in Nursing	1,410	50.2%	366	28.9%
Master's in Nursing	969	34.5%	661	52.2%
Doctorate of Nursing Practice (DNP)	370	13.2%	181	14.3%
PhD	60	2.1%	33	2.6%
Other	0	0.0%	26	2.1%
Total	2,809	100.0%	1,267	100.0%

16.6% reported they were enrolled in education classes leading to degree enhancement compared to 7.7% in 2019

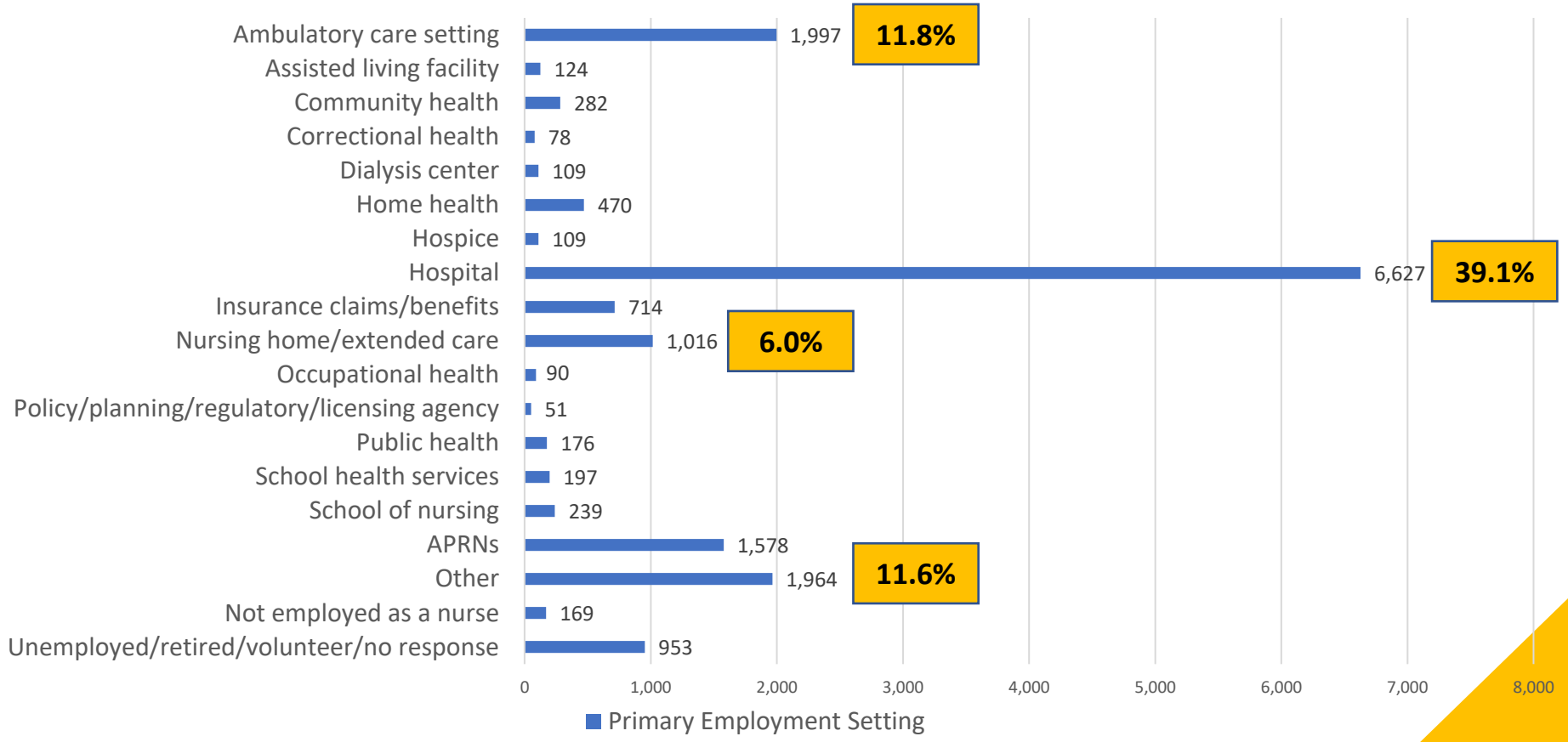
RN Employment



83.9% were employed in nursing full-time, part-time, or per diem
(*excluded APRNs, unemployed, retired, and volunteers)
67.0% were employed in the state of South Dakota

Workforce Report Pages: 18

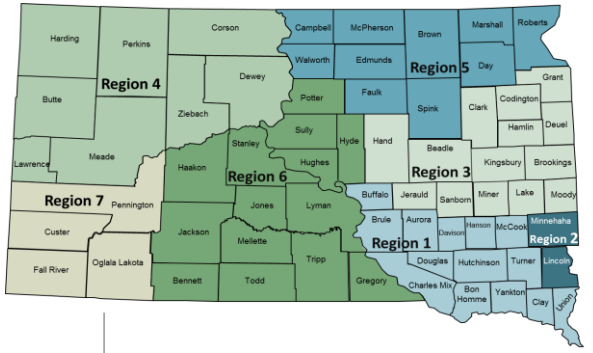
RN Primary Employment Setting

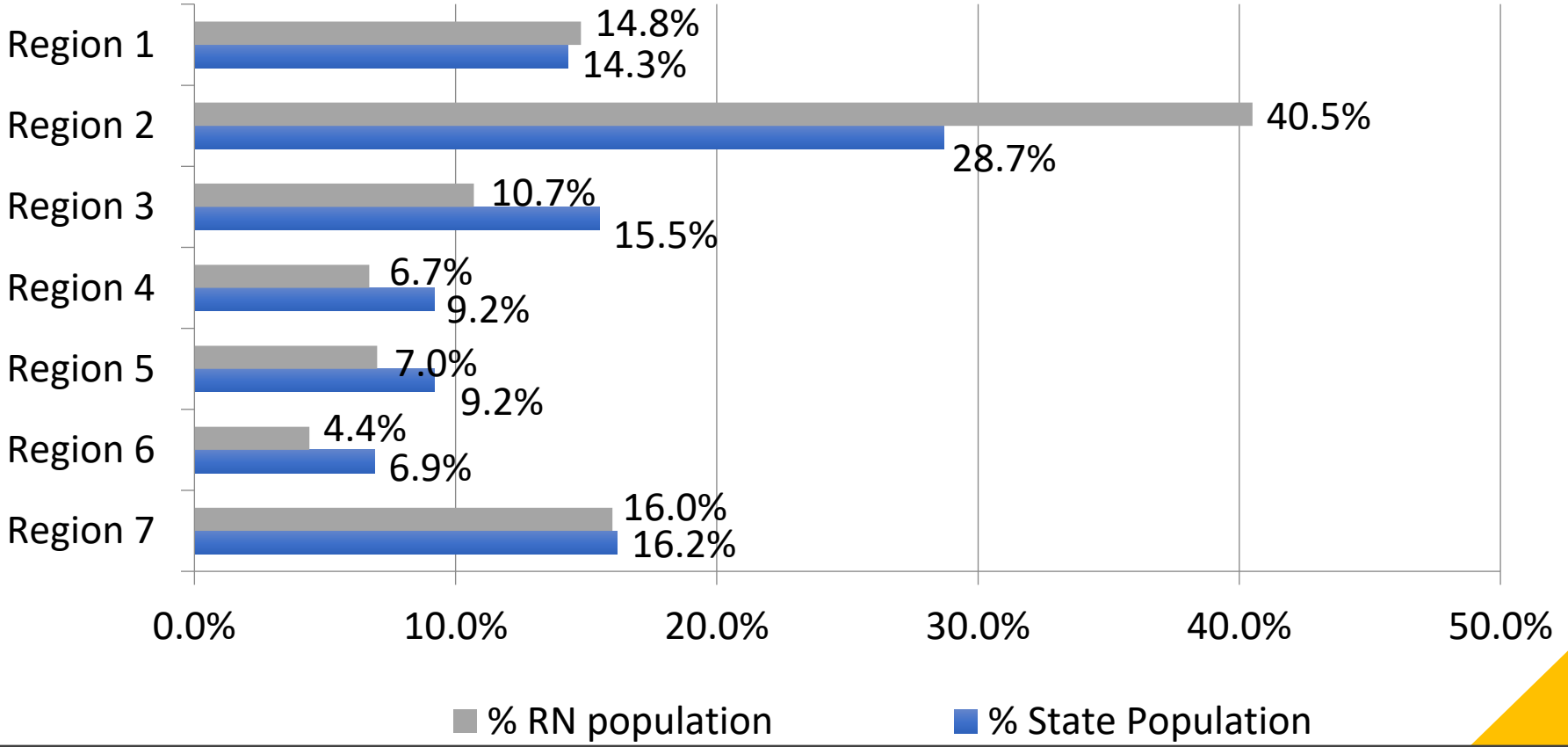


9.9% practiced in the medical-surgical specialty area, 9.8% in “other” specialty area, and 7.5% in acute/critical care

Workforce Report Page: 20-22

RN Distribution





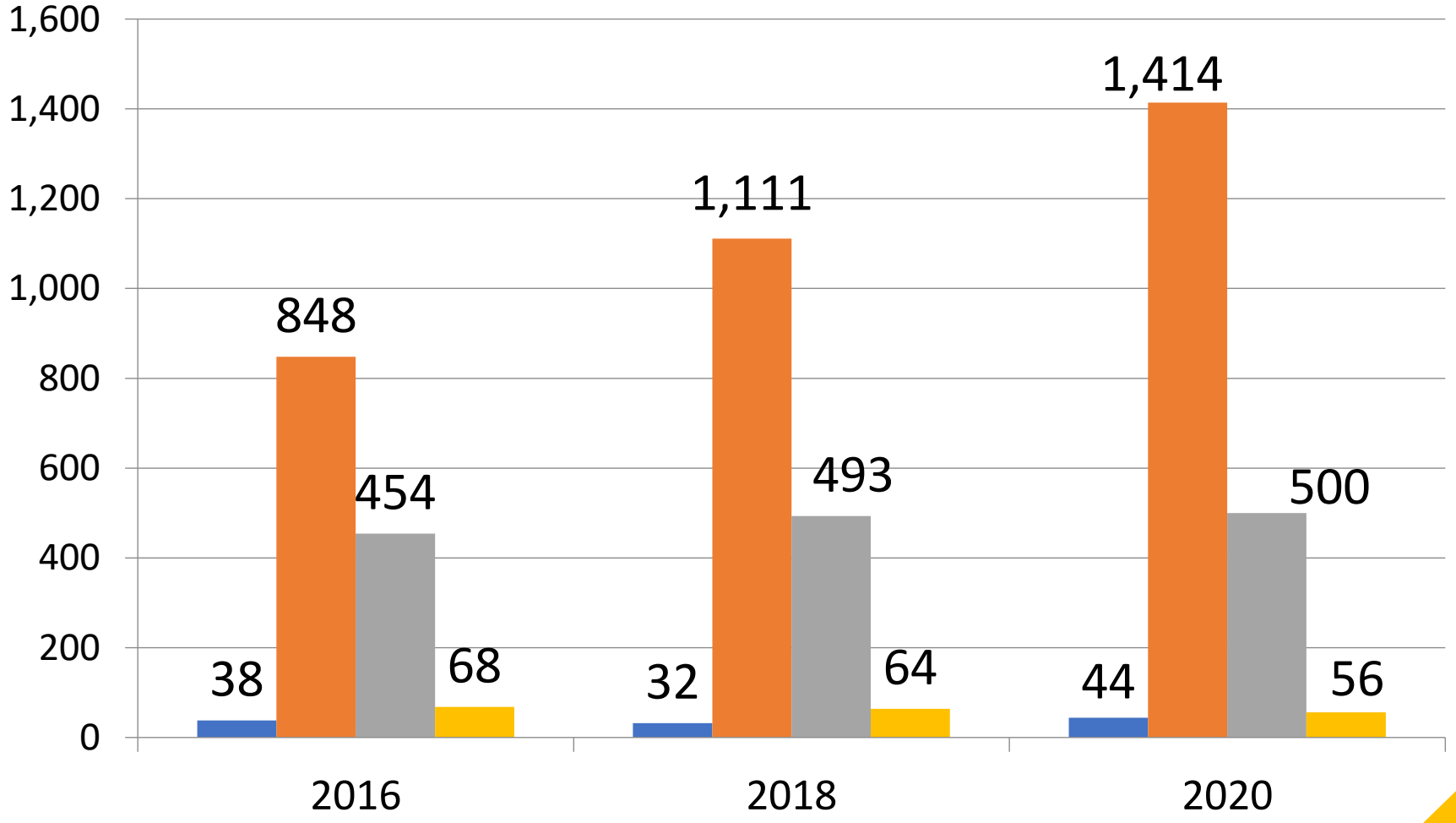
RN County Distribution

County	County Population[2]	Number of RNs	Number of RNs 61 Years or Older
Aurora	2,751	42	9.5% (4)
Beadle	18,453	188	20.7% (39)
Bennett	3,365	30	20.0% (6)
Bon Homme	6,901	112	30.4%(34)
Brookings	35,077	318	15.1%(48)
Brown	38,839	576	18.6%(107)

Advanced Practice RNs

CNM, CNP, CRNA, CNS

Actively Licensed APRNs



Total: 2,014

Workforce Report Pages: 25,28,33, 37

Certified Nurse Midwives

Most common certification/practice foci

All actively licensed held certification through American Midwifery Certification Board (AMCB)

Demographics

93.2% Female and 93.2% White/Caucasian
Average age 50.3

Educational Preparation

91.9% hold a graduate degree

Workforce Report Pages: 25-26

Certified Nurse Midwives

Employment and Practice Characteristics

73.0% employed in SD
64.9% employed full-time
Settings: Hospitals and Ambulatory Care
Specialty: 89.2% Maternal-child and Women's health

Workforce Report Pages: 27

Certified Nurse Practitioners

Most common certification/practice foci

78.4% Family across the Lifespan
10.7% Adult/Gerontology (Acute and Primary)

Demographics

90.2% Female, 9.8% Male, and 93.0% White/Caucasian
Average age 44.4

Educational Preparation

98.2% hold a graduate degree

Workforce Report Pages: 28-30

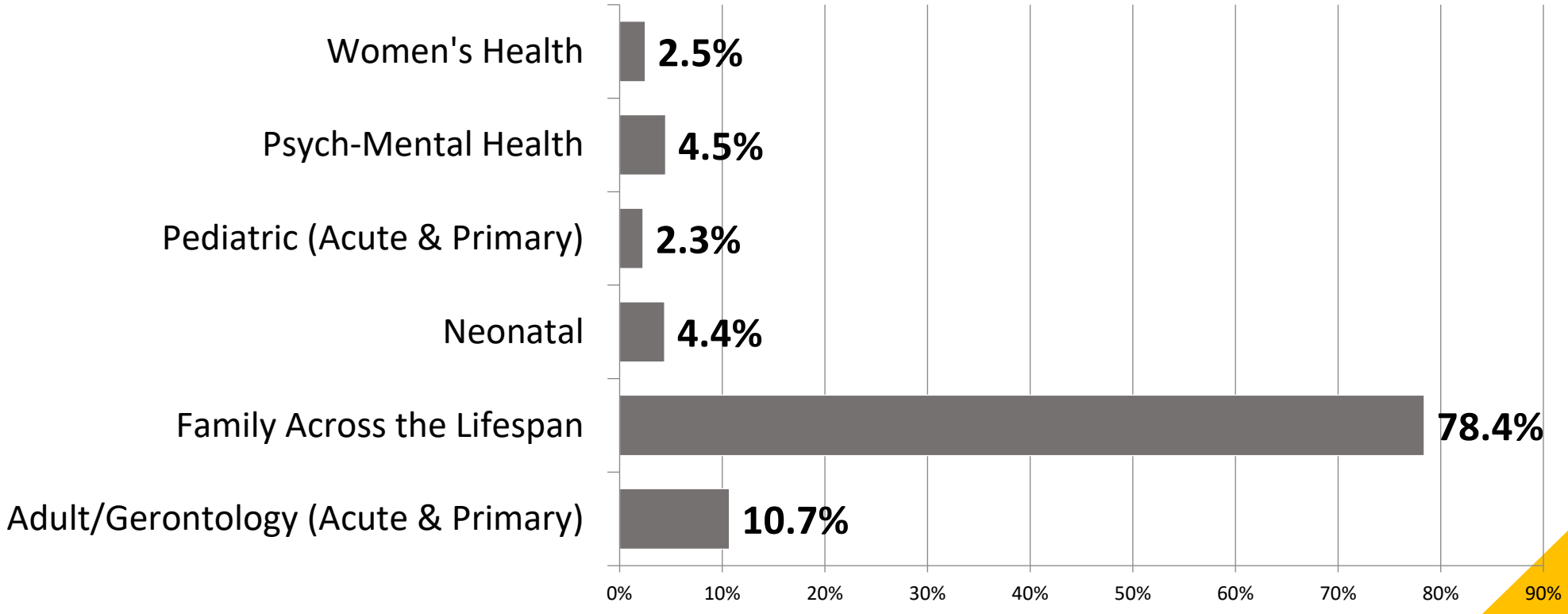
Certified Nurse Practitioners

Employment and Practice Characteristics

78.6% employed in SD
86.0% employed full-time
Settings: Ambulatory Care, Hospitals, and Community Settings
Specialty: 33.7% Adult/Family Health
16.0% Other-Clinical Specialties
12.0% Acute/Critical Care/Trauma

Workforce Report Pages: 30-32

CNP Certification/Practice Foci



Workforce Report Pages: 28

Certified Registered Nurse Anesthetists

Most common certification/practice foci

Certified through the National Board of Certification and Recertification for Nurse Anesthetists

Demographics

54.4% Male, 45.6% Female, and 93.0% White/Caucasian
Average age 47.5

Educational Preparation

87.4% hold a graduate degree

Workforce Report Pages: 33-34

Certified Registered Nurse Anesthetists

Employment and Practice Characteristics

76.0% employed in SD
83.4% employed full-time
Settings: Hospitals and Ambulatory Care
Specialty: 96.1% Anesthesia

Workforce Report Pages: 35-36

Clinical Nurse Specialists

Most common certification/practice foci

Adult/Gerontology
Psych-Mental Health

Demographics

98.2% Female and 96.4% White/Caucasian
Average age 60.0

Educational Preparation

All held a graduate degree
Master's-nursing 73.2%
Doctoral degree-nursing (PhD): 14.3%
Doctoral degree-nursing practice (DNP): 8.9%
Doctoral degree-not nursing: 3.6%

Workforce Report Pages: 37-38

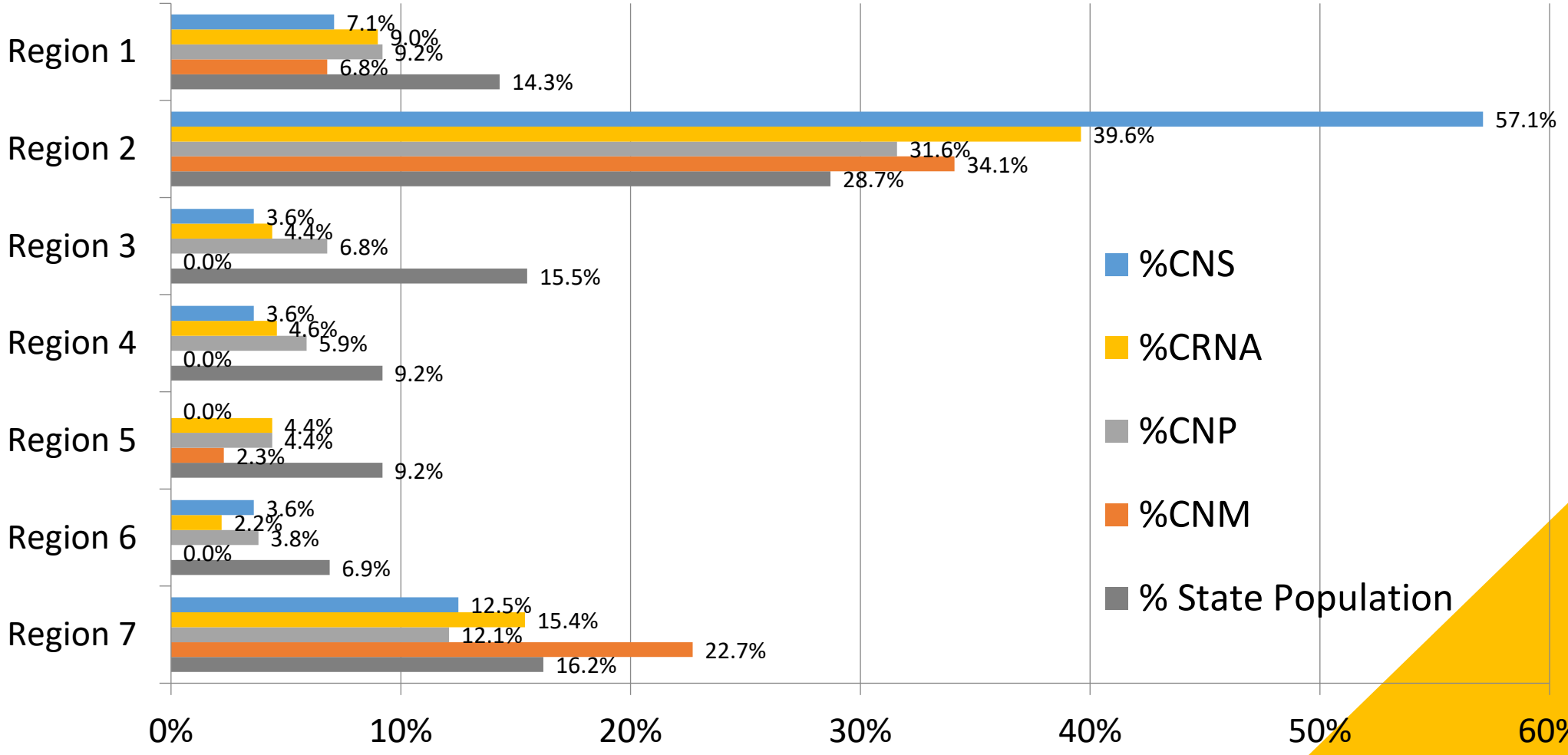
Clinical Nurse Specialists

Employment and Practice Characteristics

73.2% employed in SD
64.3% employed full-time
Settings: Hospitals, Ambulatory Care, and Academia
Specialty: 16.1% Psych-Mental Health
14.2% Acute/Critical Care
8.9% Adult/Family Health

Workforce Report Pages: 39-40

APRN Distribution



Workforce Report Pages: 41

Thank You!

Full report is available online at
https://doh.sd.gov/boards/nursing/RandP.aspx