

**SOUTH  DAKOTA**

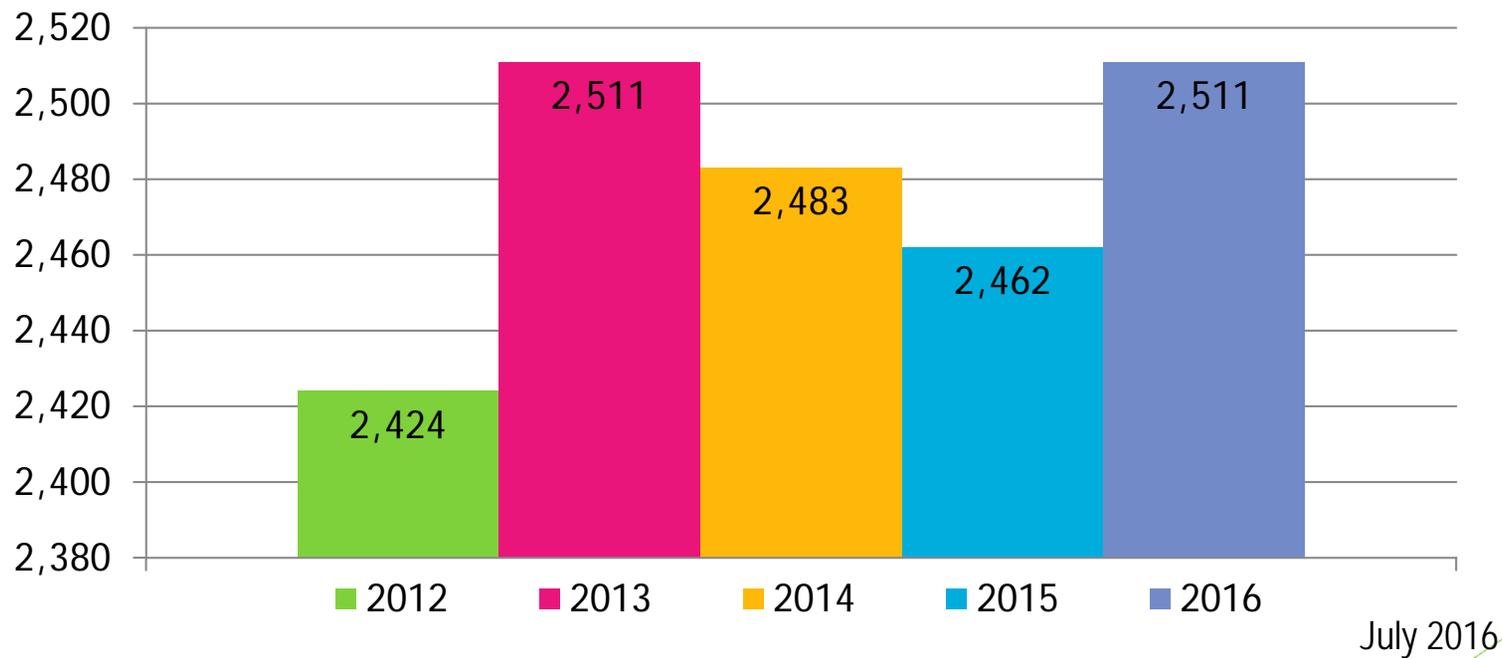
Center *for* Nursing Workforce

# South Dakota's LPN and RN Workforce: 2016

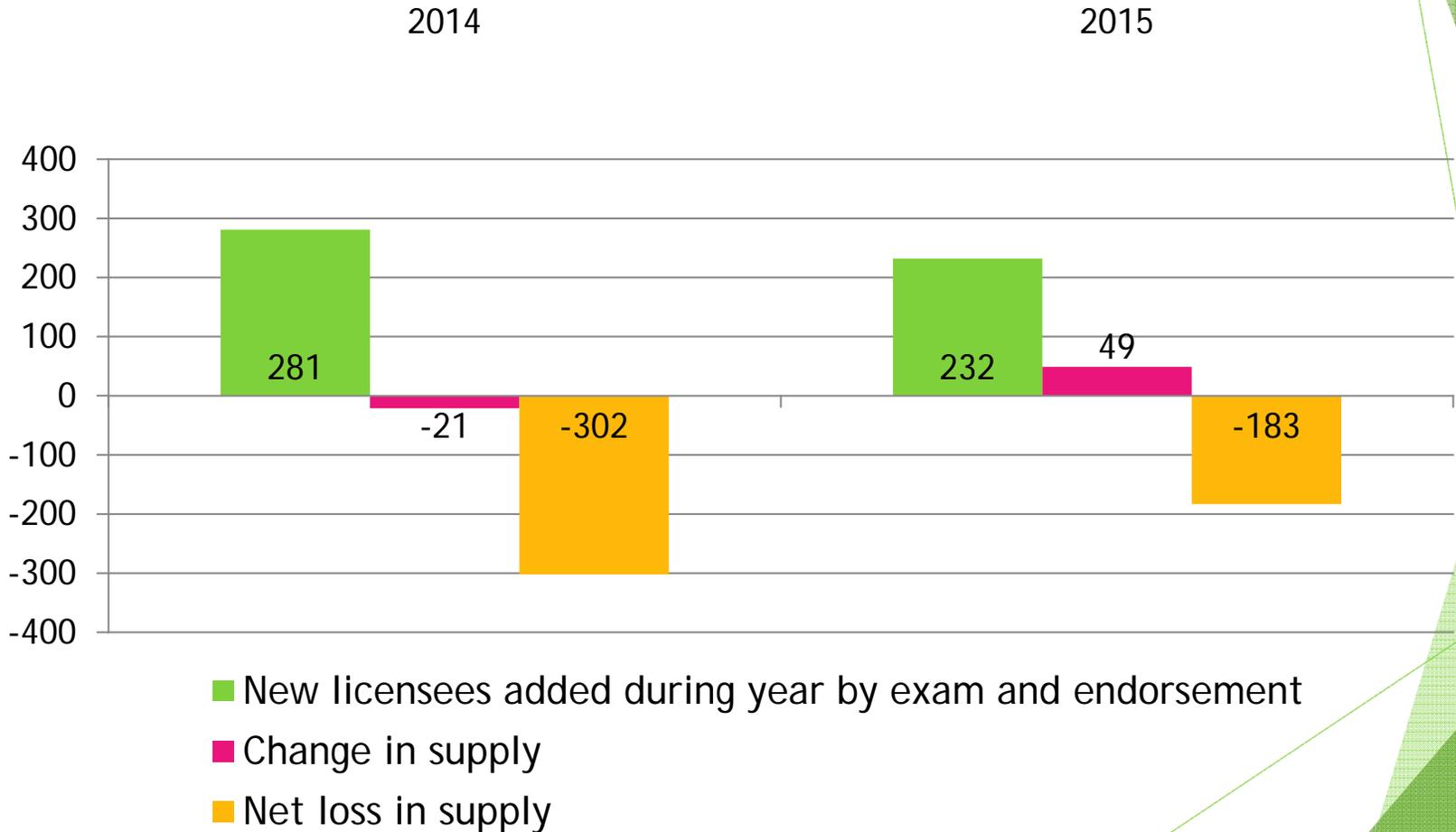
Linda Young, RN, MS, FRE, BC  
Nursing Practice Specialist  
SD Board of Nursing  
SD Center for Nursing Workforce

# Current Nursing Workforce

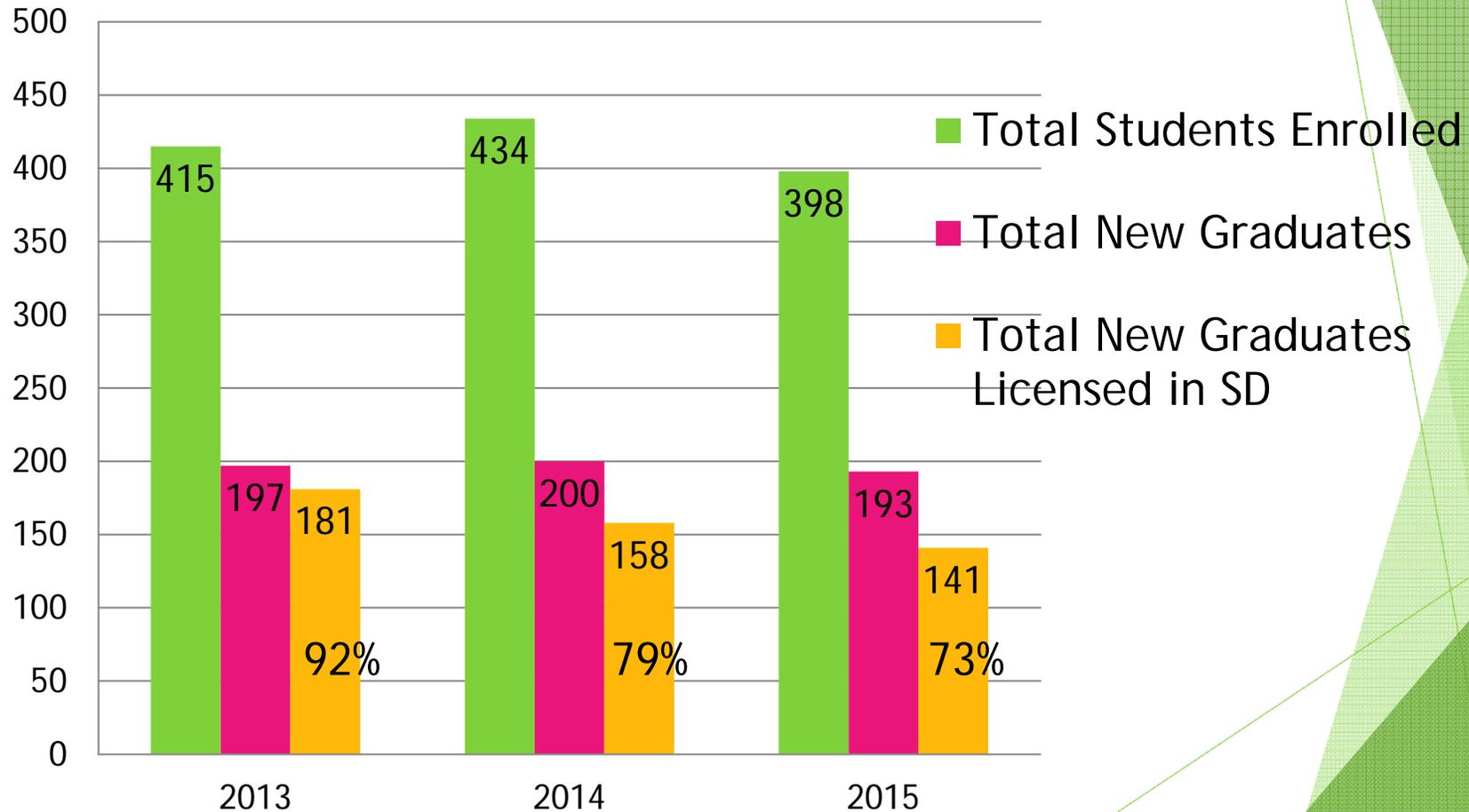
## Actively Licensed PNs



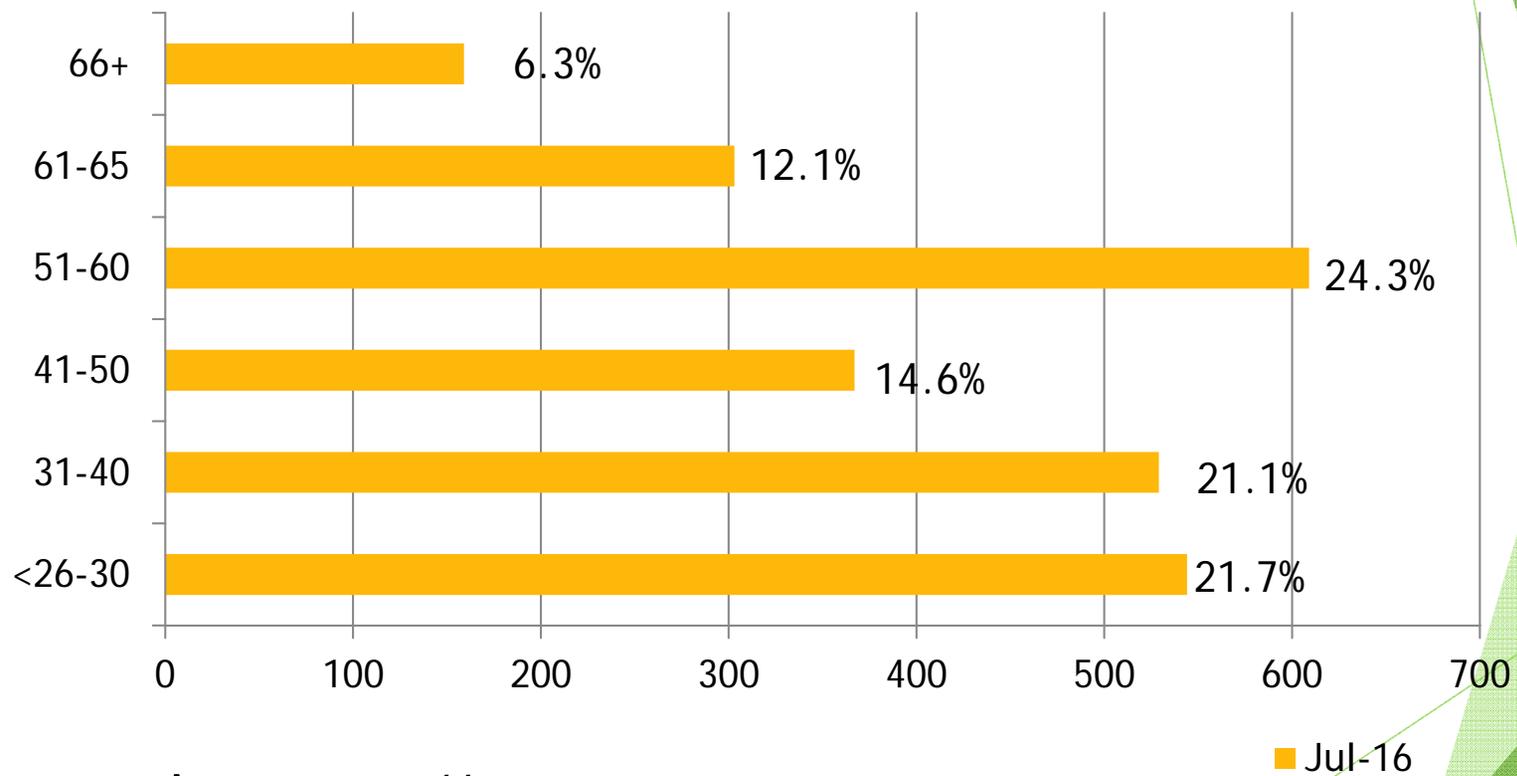
# LPN Gains and Losses



# LPN Enrolled Students & Graduates



# LPN Age



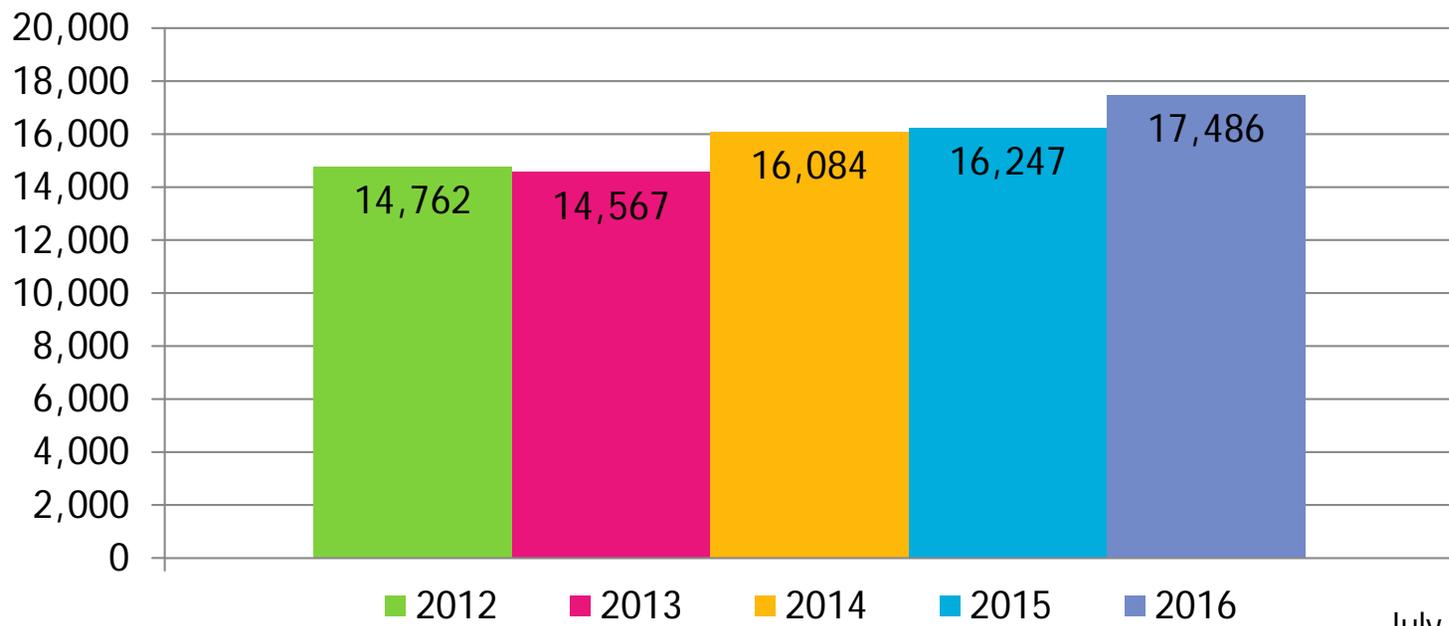
Average age: 46  
18.4% are over 61+ years

# LPN Projected Demand

- ▶ SD Department of Labor
  - ▶ Demand expected to grow 11.5%
  - ▶ 245 new jobs from 2012 - 2022
- ▶ Source: LMIC, SD Department of Labor and Regulation. Accessed April 2015.  
<https://www.sdvlmi.com/vosnet/analyzer/results.aspx?session=occproj>

# Current Nursing Workforce

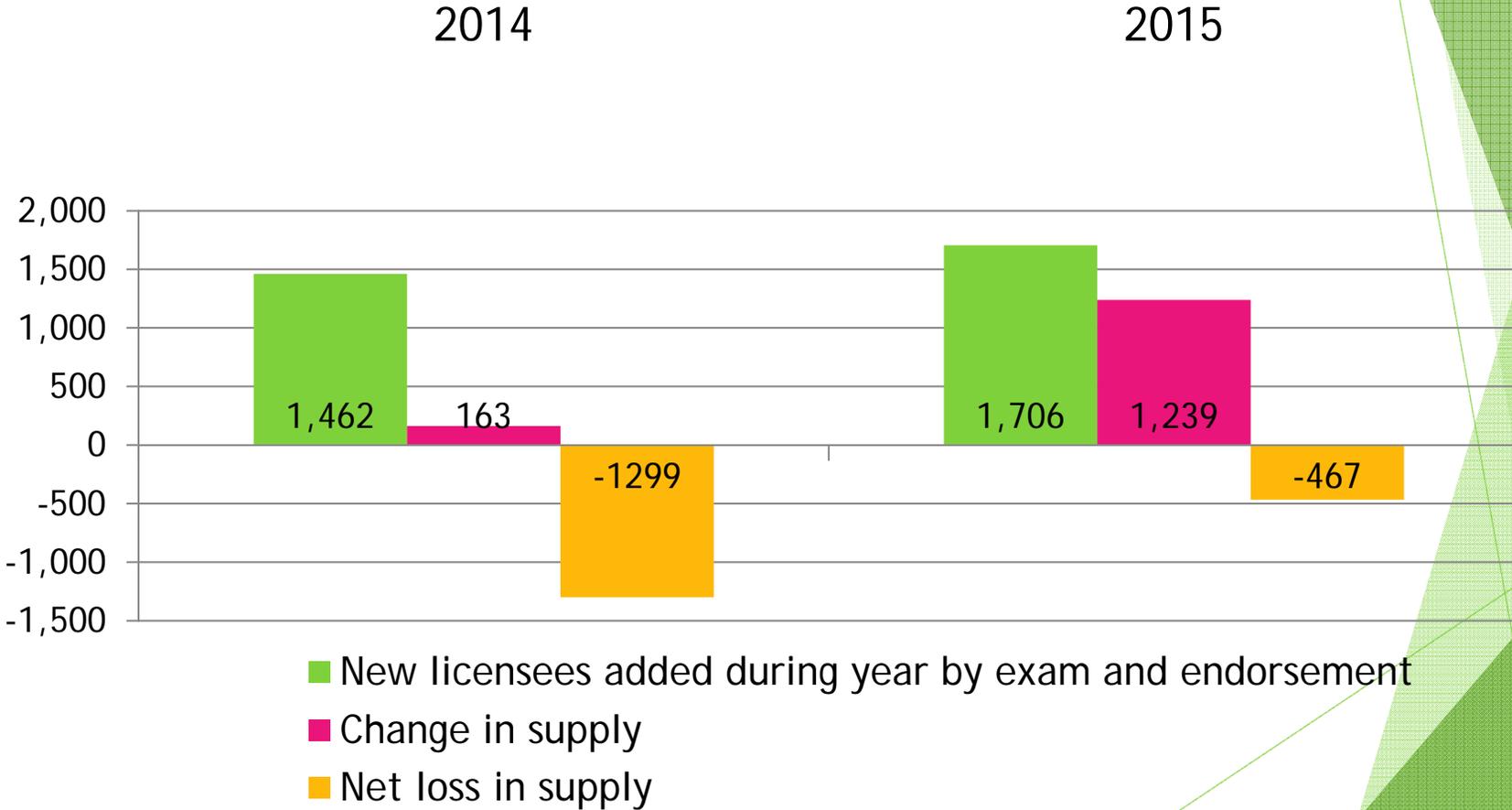
## Actively Licensed RNs



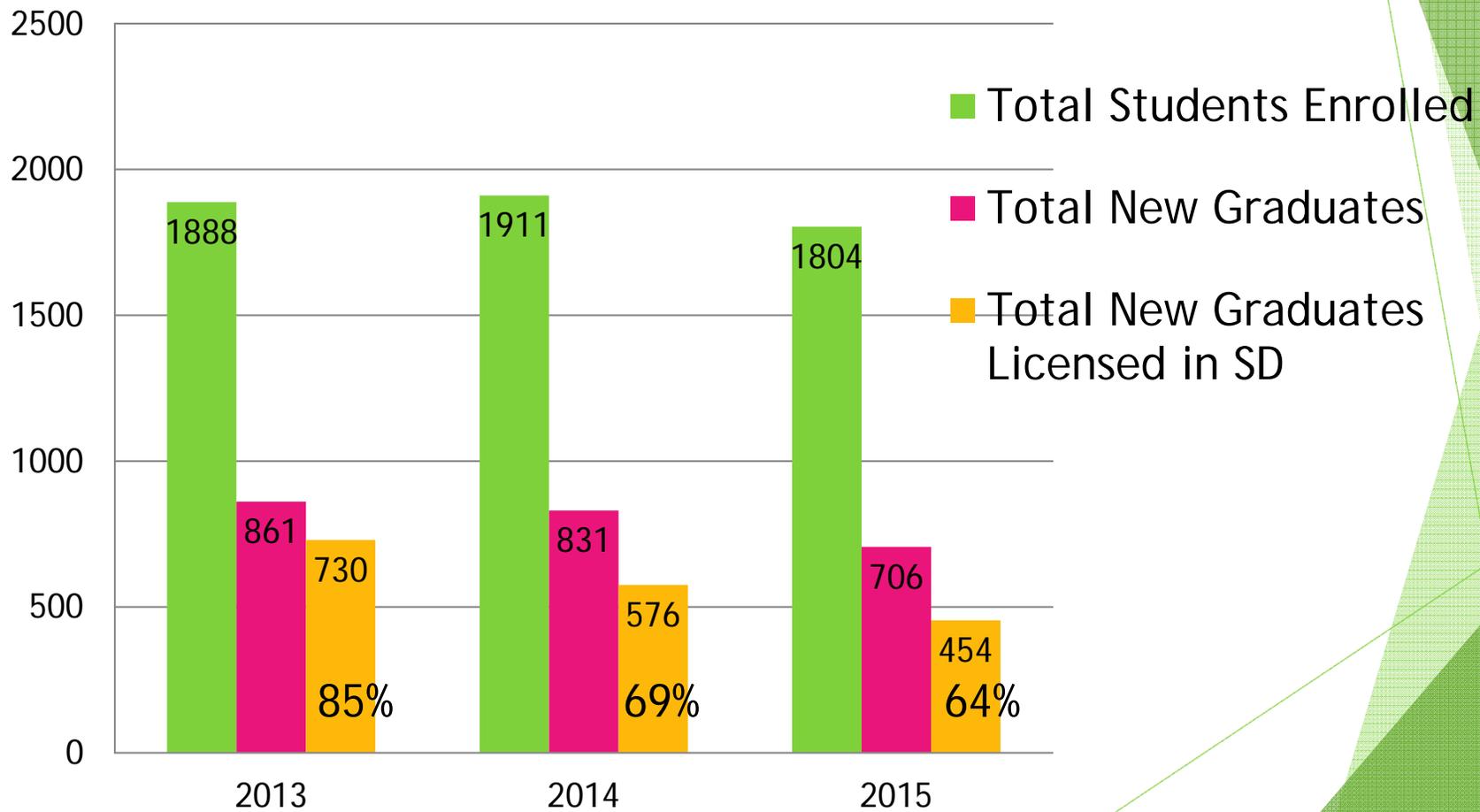
July 2016

RNs residing in SD = 14,523

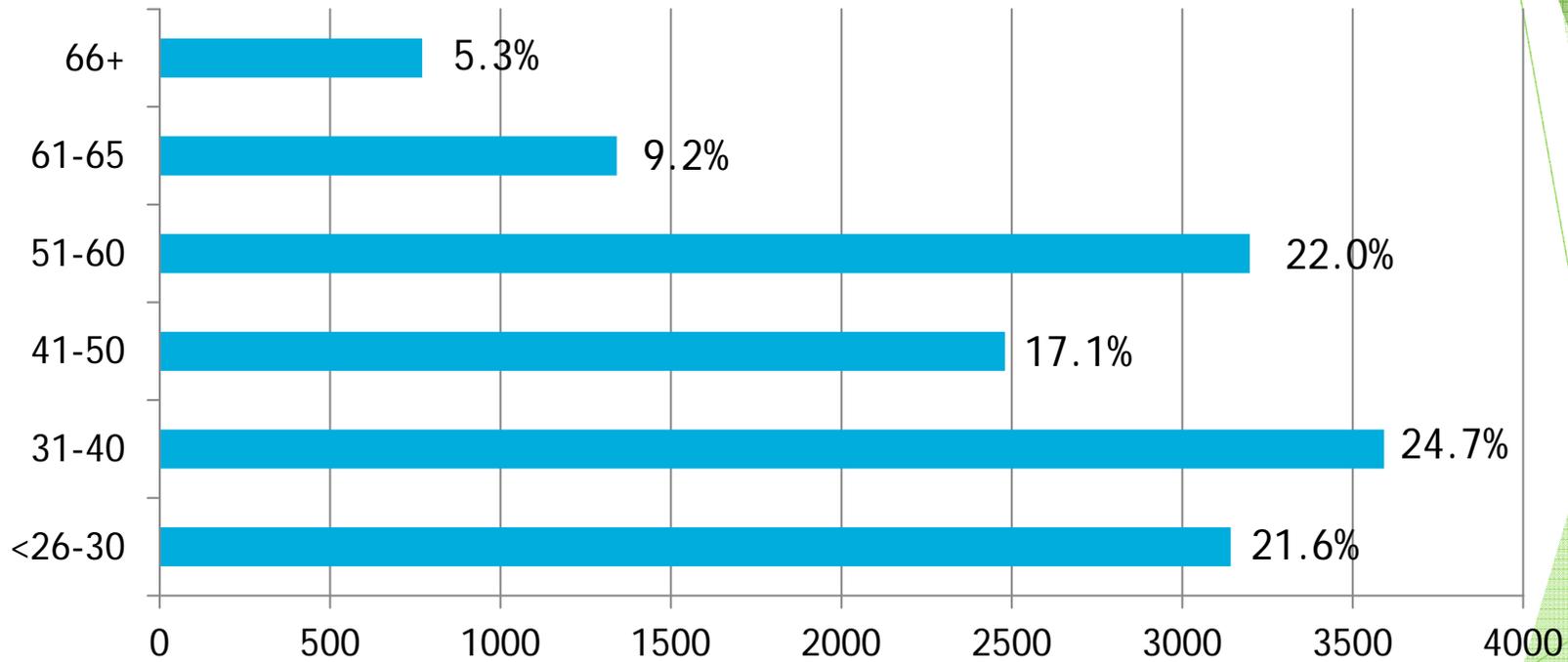
# RN Gains and Losses



# RN Enrolled Students & Graduates



# RN Age



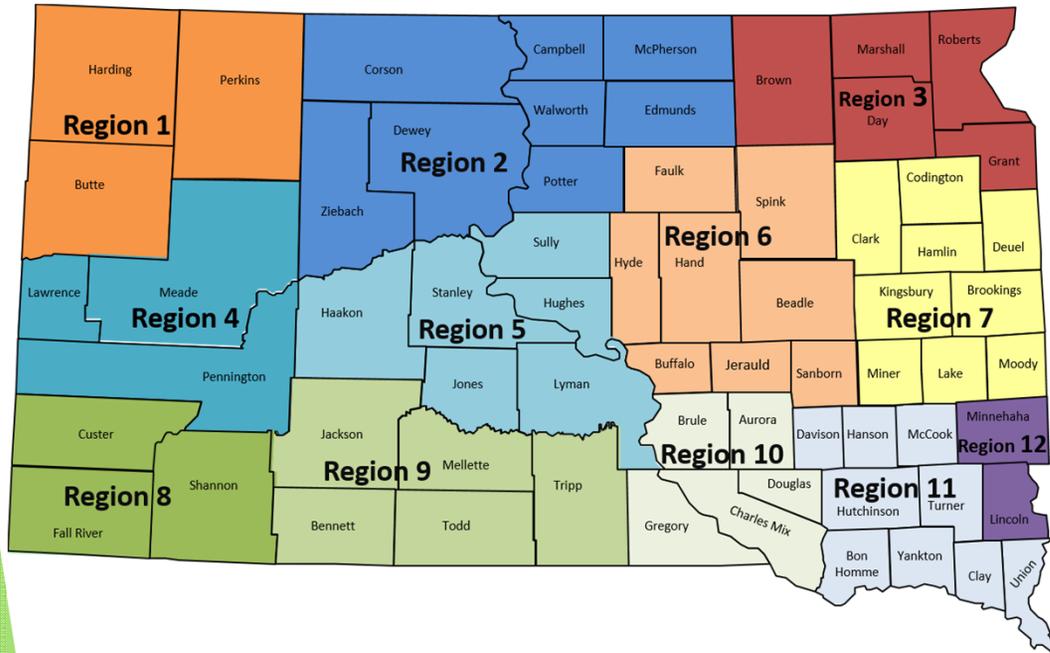
Average age: 44 years  
14.5% are over 61+ years

■ Jul-16

# RN Projected Demand

- ▶ SD Department of Labor
  - ▶ Demand expected to grow 13.1%
  - ▶ 1,490 new jobs from 2012 - 2022
  
- ▶ Source: LMIC, SD Department of Labor and Regulation. Accessed April 2015.  
<https://www.sdvlmi.com/vosnet/analyzer/results.aspx?session=occproj>

# RN and LPN Distribution



| Region:      | LPN   | %    | RN     | %    |
|--------------|-------|------|--------|------|
| 1            | 43    | 1.9  | 131    | 0.9  |
| 2            | 68    | 3.0  | 304    | 2.1  |
| 3            | 193   | 8.4  | 916    | 6.3  |
| 4            | 419   | 18.2 | 2,748  | 18.9 |
| 5            | 48    | 2.1  | 378    | 2.6  |
| 6            | 83    | 3.6  | 475    | 3.3  |
| 7            | 304   | 13.2 | 1,249  | 8.6  |
| 8            | 53    | 2.3  | 289    | 2.0  |
| 9            | 51    | 2.2  | 151    | 1.0  |
| 10           | 42    | 1.8  | 361    | 2.5  |
| 11           | 254   | 11.0 | 1,944  | 13.4 |
| 12           | 745   | 32.3 | 5,577  | 38.4 |
| SD Total     | 2,303 | 100  | 14,523 | 100  |
| Out of State | 194   | —    | 2,963  | —    |
| Total        | 2,497 | —    | 17,486 | —    |



# Thank you!

The South Dakota Nursing Workforce Report  
is available online at [www.nursing.sd.gov](http://www.nursing.sd.gov)



# South Dakota Board of Nursing

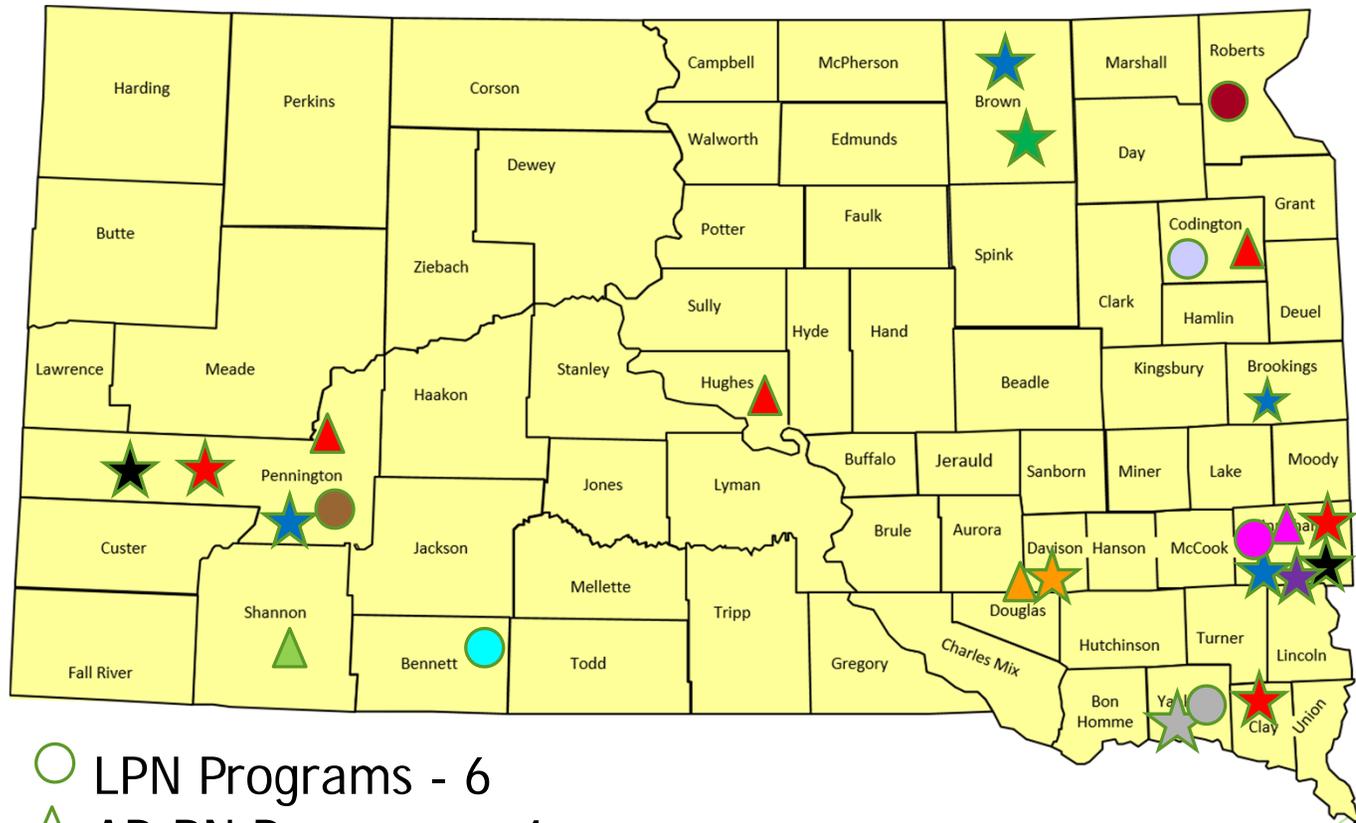
## 2015 ANNUAL REPORT OF NURSING EDUCATION PROGRAMS

Gloria Damgaard, RN, MS, FRE  
Executive Director

## Number of Pre-licensure Nursing Programs

| Year | Baccalaureate Degree Programs | Associate Degree Programs | Practical Nurse Programs | Total Programs |
|------|-------------------------------|---------------------------|--------------------------|----------------|
| 2010 | 6                             | 5                         | 5                        | 16             |
| 2011 | 6                             | 5                         | 6                        | 17             |
| 2012 | 6                             | 5                         | 6                        | 17             |
| 2013 | 7                             | 4                         | 6                        | 17             |
| 2014 | 7                             | 4                         | 6                        | 17             |
| 2015 | 8                             | 4                         | 6                        | 18             |

# 2015 Pre-Licensure Programs

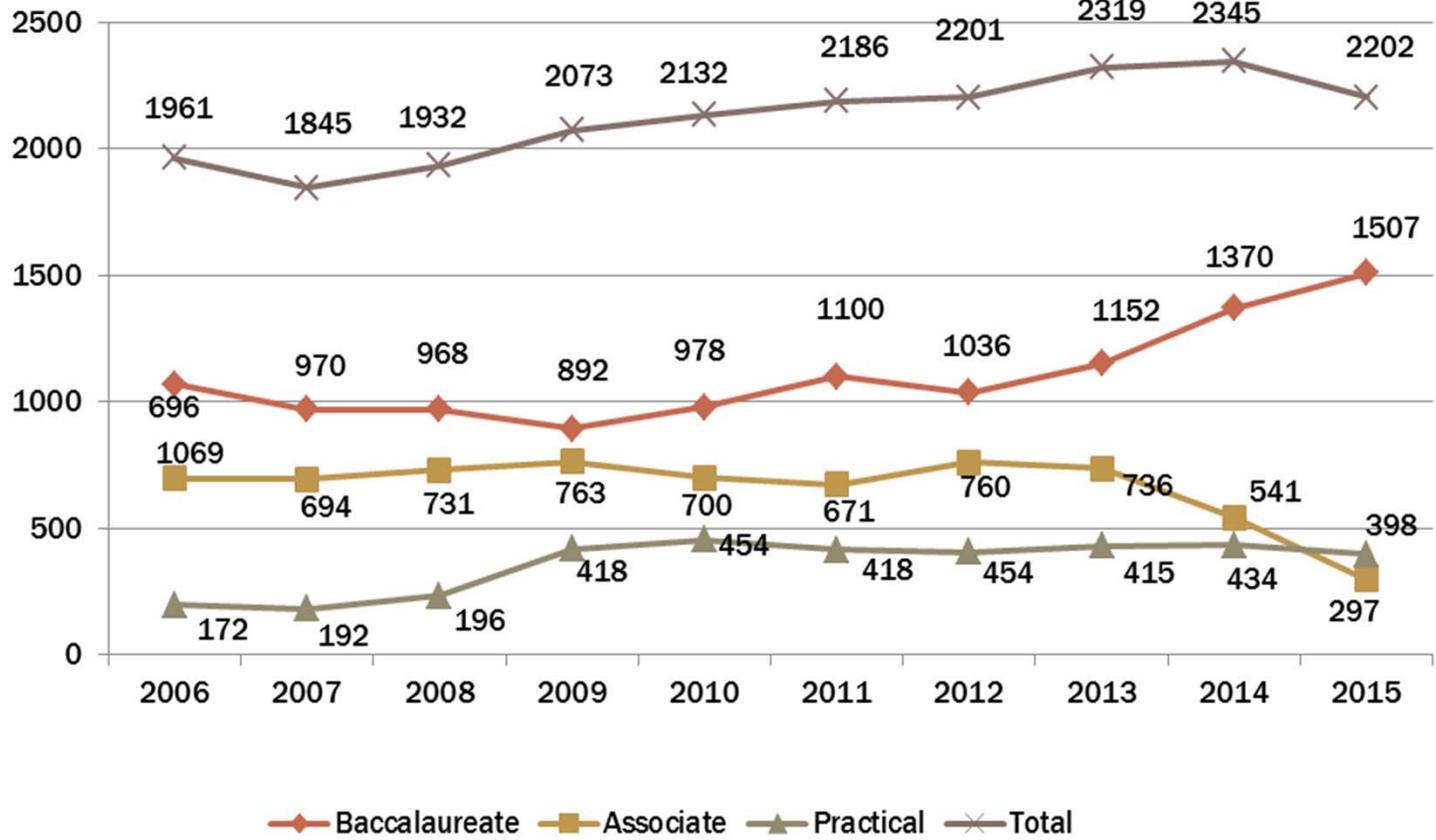


- LPN Programs - 6
- △ AD RN Programs - 4
- ☆ BSN RN Programs - 8

# Nursing Program Enrollment

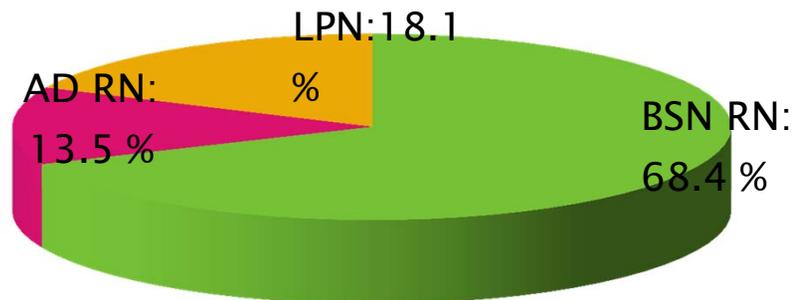
- ▶ RN Enrollment
- ▶ LPN Enrollment
- ▶ Upward Mobility

## Total Enrollment 2006-2015



## Enrollment: RN & LPN by Program Type

| Program       | Number of Students |      | Percent of 2015 Total Enrolled | Change 2014-2015 |
|---------------|--------------------|------|--------------------------------|------------------|
|               | 2015               | 2014 |                                |                  |
| Baccalaureate | 1507               | 1370 | 68.4%                          | +137             |
| Associate     | 297                | 541  | 13.5%                          | -244             |
| LPN           | 398                | 434  | 18.1%                          | -36              |
| TOTAL         | 2202               | 2345 | 100%                           | -143             |



## BSN & AD RN Program Capacity: 2015

| Nursing Education Program | Nursing Student Capacity | Qualified Applicants    |              |                     |           |                    |                     |
|---------------------------|--------------------------|-------------------------|--------------|---------------------|-----------|--------------------|---------------------|
|                           |                          | Qualified Apps Received | Not Accepted | Accepted & Declined | No Space  | Dropped Pre-Census | Accepted & Enrolled |
| Augustana                 | 64                       | 70                      | 2            | 5                   | 0         | 1                  | 62                  |
| DWU                       | 96                       | 87                      | 0            | 29                  | 0         | 1                  | 57                  |
| NAU                       | 48                       | 22                      | 0            | 0                   | 0         | 0                  | 22                  |
| Mount Marty               | No Limit                 | 31                      | 1            | 0                   | 0         | 1                  | 29                  |
| Oglala Lakota             | 20                       | 21                      | 0            | 2                   | 0         | 0                  | 19                  |
| Presentation              | 160                      | 73                      | 0            | 0                   | 0         | 0                  | 73                  |
| SE Tech                   | 48                       | 20                      | 0            | 1                   | 0         | 4                  | 15                  |
| SDSU                      | 340                      | 472                     | 23           | 46                  | 88        | 1                  | 314                 |
| USF                       | No Limit                 | 94                      | 11           | 6                   | 0         | 10                 | 67                  |
| USD                       | 320                      | 232                     | 0            | 7                   | 0         | 0                  | 225                 |
| <b>Total</b>              | <b>1096</b>              | <b>1122</b>             | <b>37</b>    | <b>96</b>           | <b>88</b> | <b>18</b>          | <b>883</b>          |

# LPN Program Capacity: 2015

| Nursing Education Program | Nursing Student Capacity | Qualified Applicants    |              |                     |          |                    |                     |
|---------------------------|--------------------------|-------------------------|--------------|---------------------|----------|--------------------|---------------------|
|                           |                          | Qualified Apps Received | Not Accepted | Accepted & Declined | No Space | Dropped Pre-Census | Accepted & Enrolled |
| Lake Area Tech            | 100                      | 171                     | 50           | 17                  | 5        | 12                 | 87                  |
| Mount Marty               | No Limit                 | 6                       | 0            | 0                   | 0        | 3                  | 3                   |
| Sinte Gleska              | 10                       | 10                      | 0            | 0                   | 0        | 0                  | 10                  |
| Sisseton Wahpeton         | 20                       | 5                       | 0            | 0                   | 0        | 0                  | 5                   |
| SE Tech                   | 132                      | 132                     | 0            | 11                  | 0        | 11                 | 110                 |
| Western Dak. Tech         | 27                       | 24                      | 0            | 0                   | 0        | 0                  | 24                  |
| <b>Total</b>              | <b>^289</b>              | <b>348</b>              | <b>50</b>    | <b>28</b>           | <b>5</b> | <b>26</b>          | <b>239</b>          |

## RNs & LPNs Enrolled in BSN Upward Mobility

| Baccalaureate Degree Upward Mobility Programs | RNs Enrolled | LPNs Enrolled | Total Students Enrolled |
|---|--------------|---------------|-------------------------|
| Dakota Wesleyan University                    | 70           | 18            | 88                      |
| Mount Marty College                           | 58           | 3             | 61                      |
| National American University                  | 7            | 0             | 7                       |
| Presentation BSN                              | 0            | 134           | 134                     |
| South Dakota State University                 | 136          | 0             | 136                     |
| University of Sioux Falls                     | 47           | 0             | 47                      |
| University of South Dakota                    | 231          | 0             | 231                     |
| Baccalaureate Upward Mobility Total           | 549          | 155           | 704                     |

## LPNs Enrolled in AD RN Upward Mobility Programs

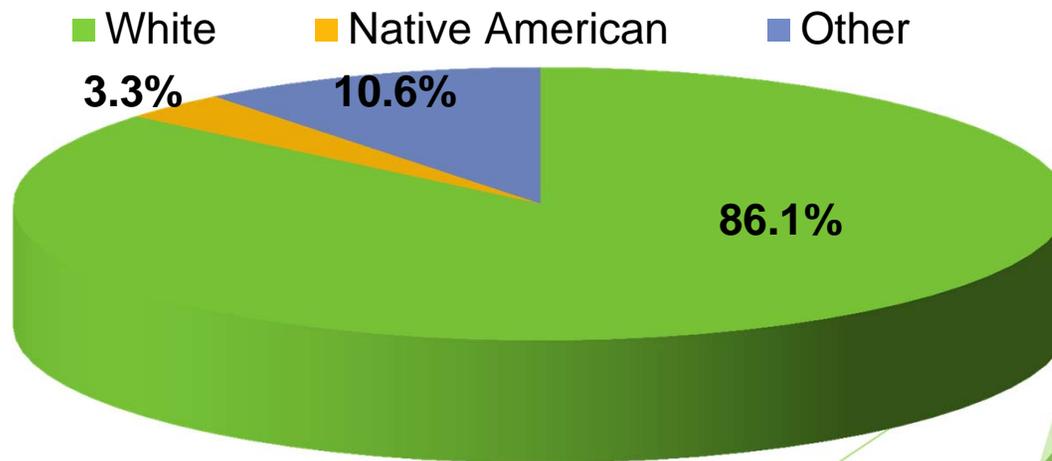
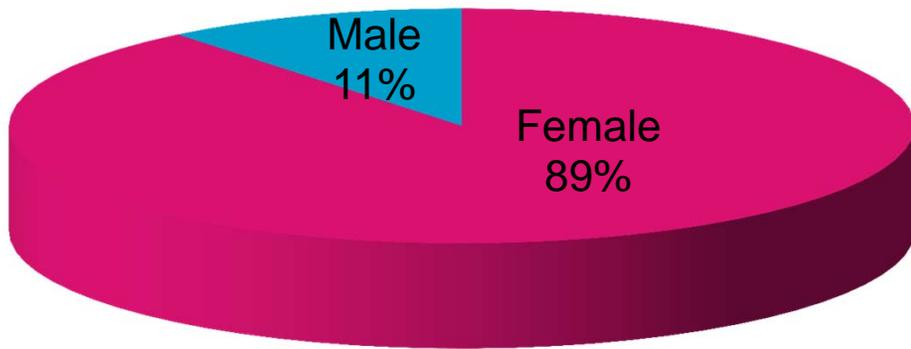
- ▶ A decrease of 121 from 2014

| AD Upward Mobility Programs   | Total LPNs Enrolled |
|-------------------------------|---------------------|
| Dakota Wesleyan University    | 18                  |
| Southeast Technical Institute | 35                  |
| University of South Dakota    | 29                  |
| Total                         | 82                  |

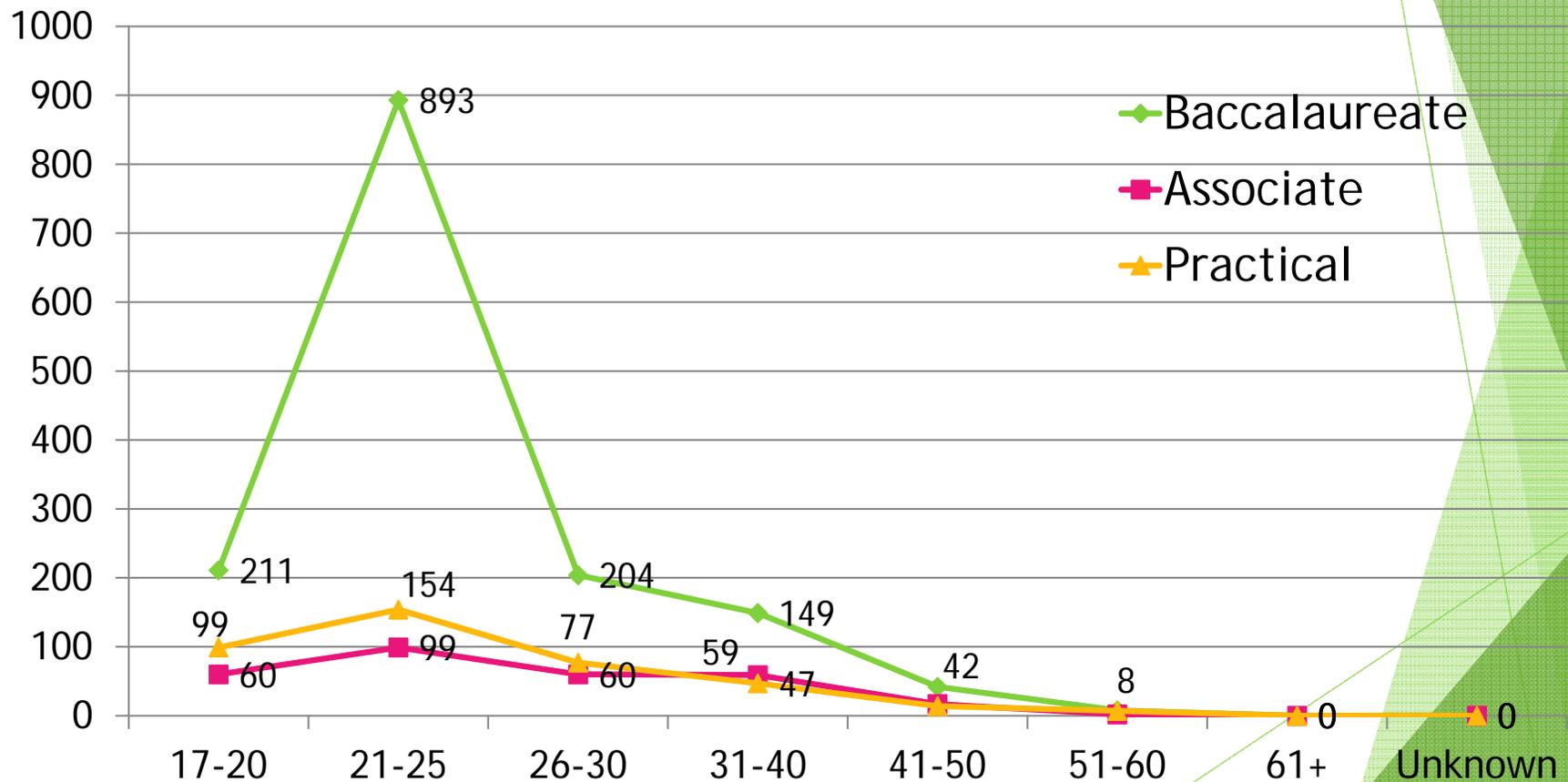
# Characteristics of Student Population



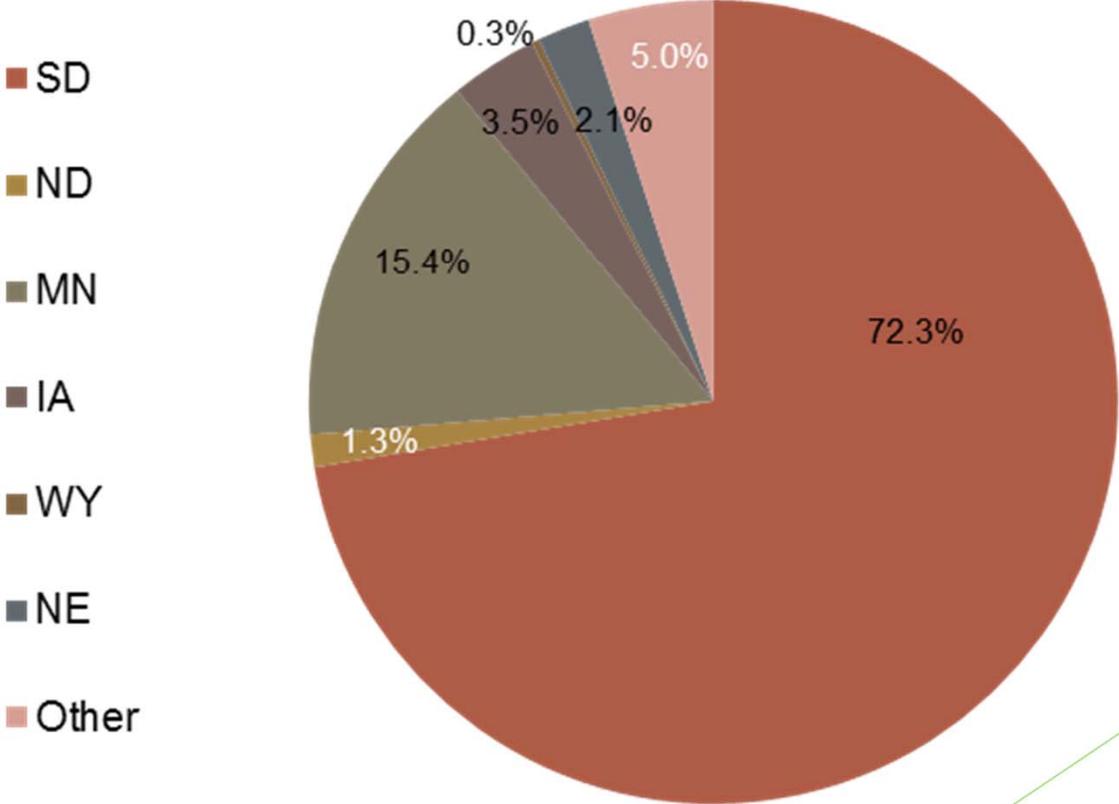
# Student Demographics



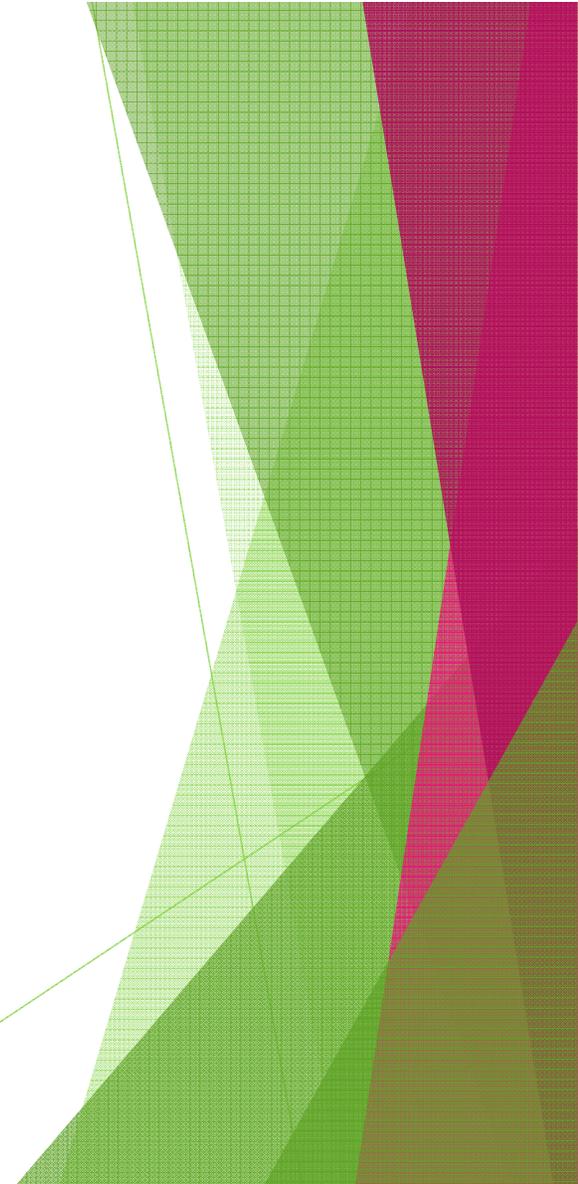
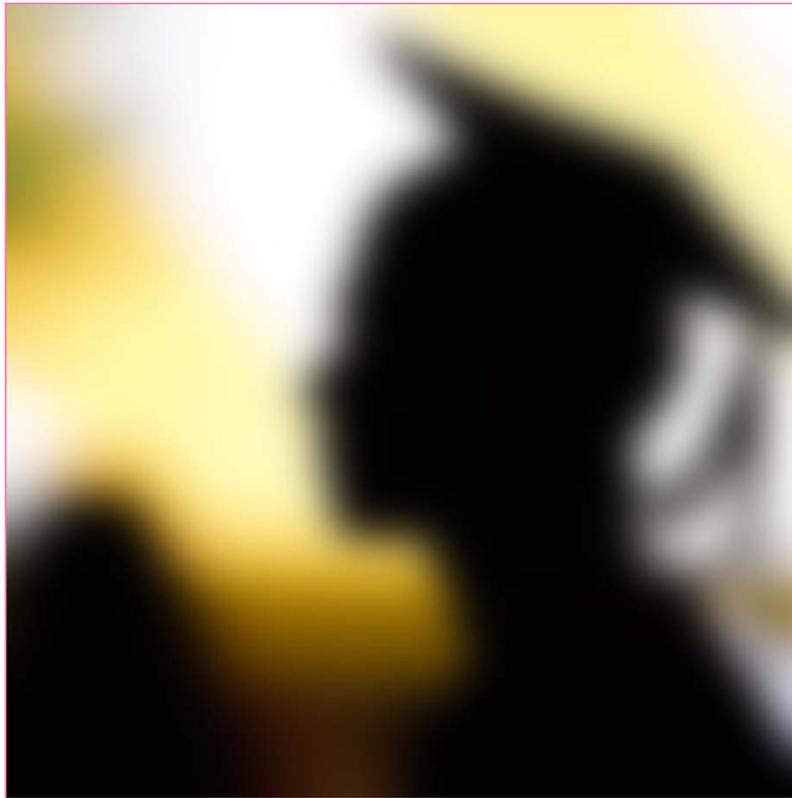
# Age of Students Enrolled 2015



# Students State of Residence: 2015



# Graduates



## BSN Graduates: October 1, 2014 - September 30, 2015

| BSN Programs     | Generic    | LPN Upward Mobility Students | Generic + LPN Upward Mobility Students | % of Grads Prepared | RN Upward Mobility Students | Total BSN Graduates |
|------------------|------------|------------------------------|--|---------------------|-----------------------------|---------------------|
| Augustana        | 44         | 0                            | 44                                     | 8.4%                | 0                           | 44                  |
| DWU              | 0          | 0                            | 0                                      | 0.0%                | 41                          | 41                  |
| Mount Marty      | 29         | 1                            | 30                                     | 5.7%                | 0                           | 30                  |
| NAU              | 21         | 0                            | 21                                     | 4.0%                | 3                           | 24                  |
| Presentation     | 13         | 32                           | 45                                     | 8.6%                | 3                           | 48                  |
| SDSU             | 288        | 0                            | 288                                    | 55.2%               | 45                          | 333                 |
| USF              | 39         | 0                            | 39                                     | 7.5%                | 17                          | 56                  |
| USD              | 55         | 0                            | 55                                     | 10.5%               | 127                         | 182                 |
| <b>BSN Total</b> | <b>489</b> | <b>33</b>                    | <b>522</b>                             |                     | <b>236</b>                  | <b>758</b>          |

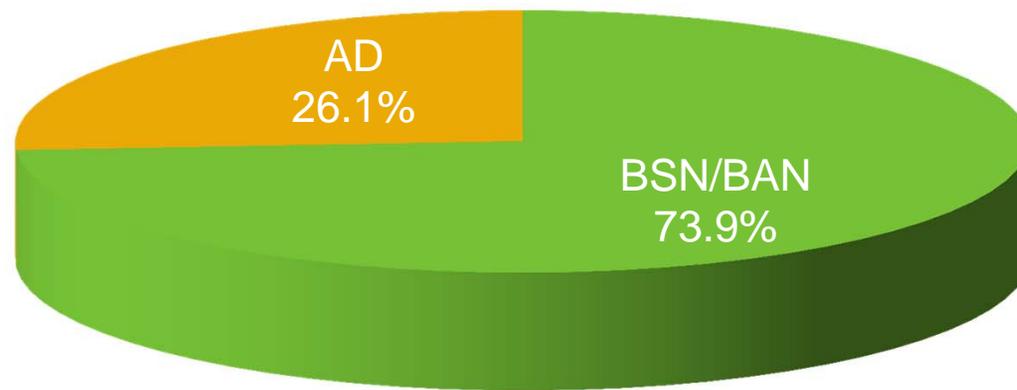
## Associate Degree Graduates: October 1, 2014 - September 30, 2015

| Associate Degree Nursing Program | Generic Students | LPN Upward Mobility Students | Total Graduates |
|----------------------------------|------------------|------------------------------|-----------------|
| DWU                              | 38               | 15                           | 53              |
| Oglala Lakota                    | 9                | 0                            | 9               |
| Southeast Tech                   | 0                | 14                           | 14              |
| USD                              | 82               | 26                           | 108             |
| Associate Total                  | 129              | 55                           | 184             |

# Practical Nurse Graduates: October 1, 2014 - September 30, 2015

| Practical Nursing Programs | Total Graduates |
|----------------------------|-----------------|
| Lake Area                  | 53              |
| Mt Marty PN                | 3               |
| Sinte Gleska University    | 3               |
| Sisseton Wahpeton College  | 5               |
| Southeast Tech             | 92              |
| Western Dakota Tech        | 37              |
| Practical Nursing Total    | 193             |

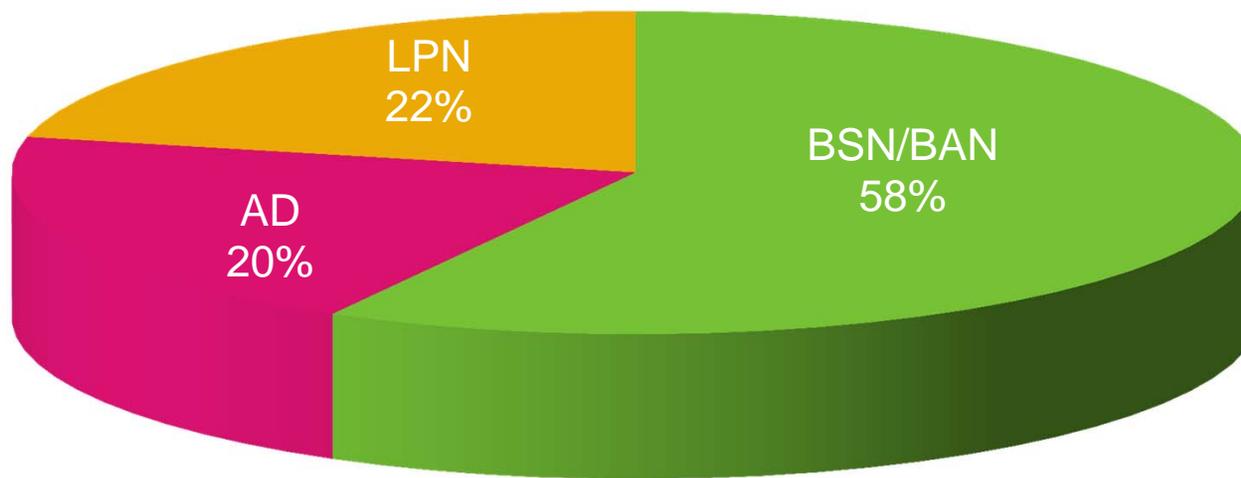
# RN Graduates Produced by Program Type



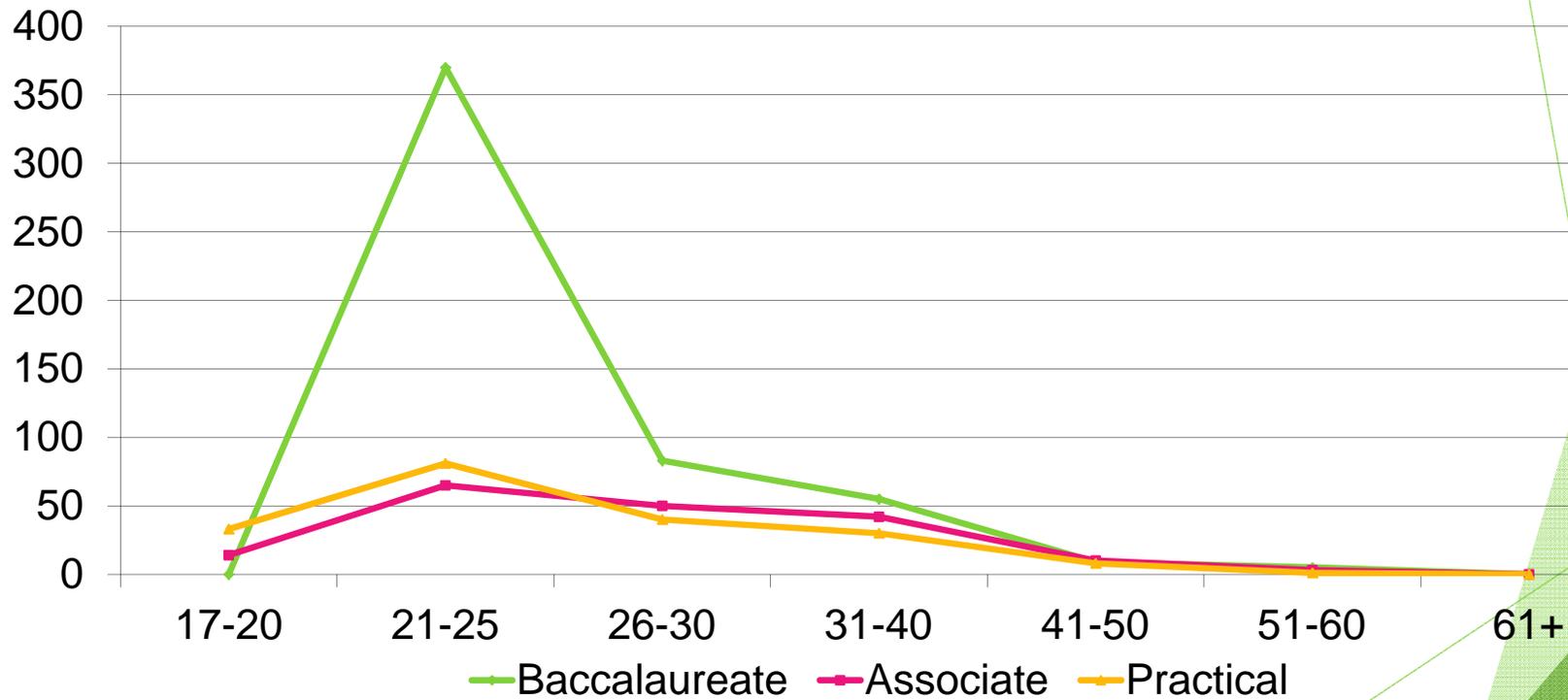
2014

- AD RN: 41.4%
- BSN RN: 58.6%

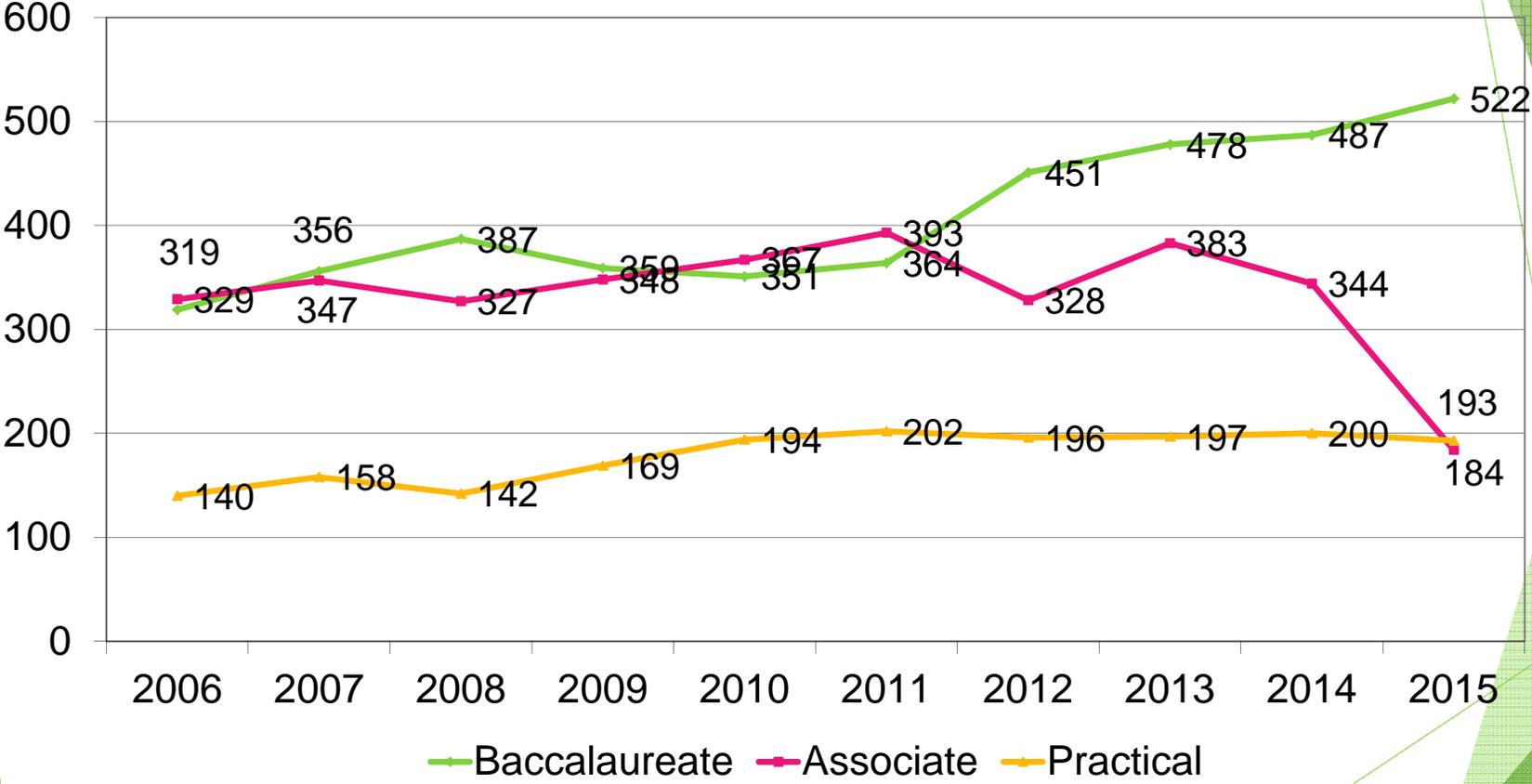
# Percentage of Graduates Produced 2015



# Age of Nursing Graduates October 2014 - September 2015



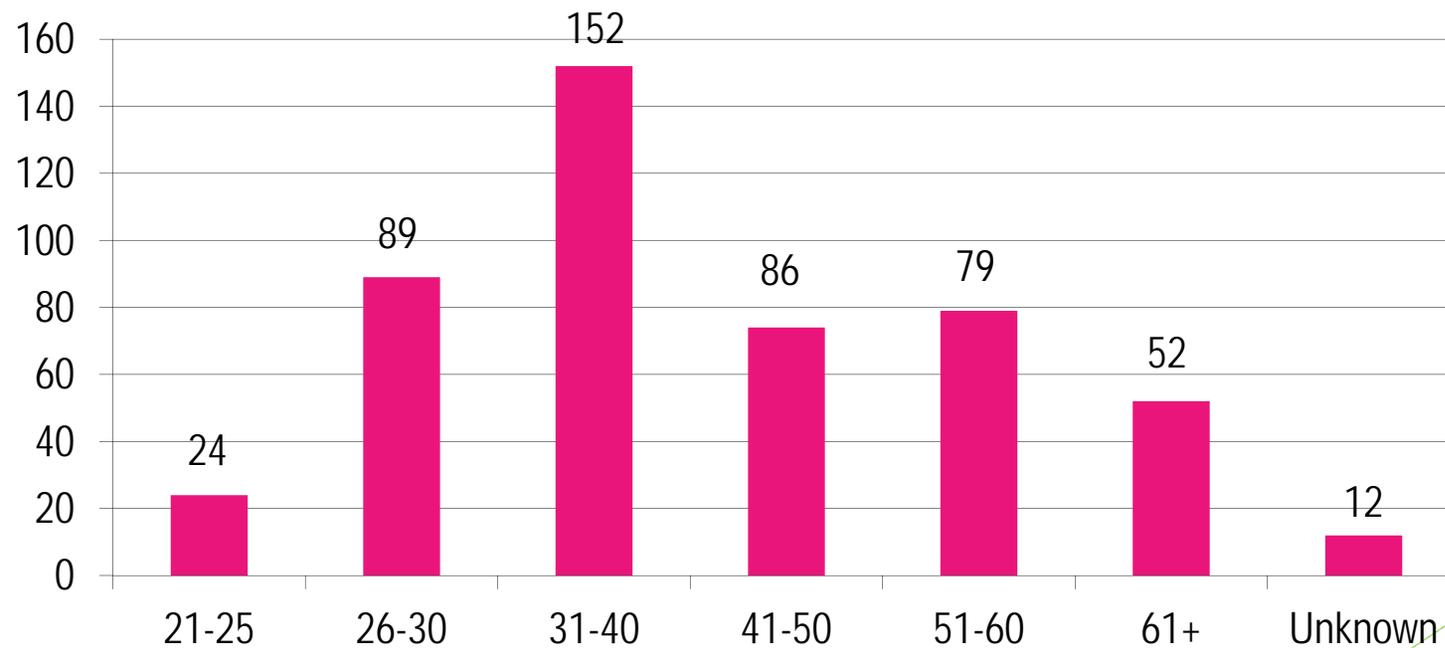
# New Graduates: 2006-2015



# Nursing Faculty



## Nursing Faculty Age SD: 2015



# NCLEX® Results



# BSN NCLEX- RN® Results: January 1–December 31, 2015

| Nursing Program | Total Passed | Total Test Writers | Percent Passed |
|-----------------|--------------|--------------------|----------------|
| Augustana       | 41           | 44                 | 93%            |
| Mt Marty        | 19           | 31                 | 61%            |
| NAU             | 16           | 21                 | 76%            |
| Presentation    | 45           | 51                 | 88%            |
| SDSU            | 263          | 288                | 91%            |
| USD             | 37           | 42                 | 88%            |
| USF             | 47           | 55                 | 85%            |
| Total           | 468          | 532                | 88%            |

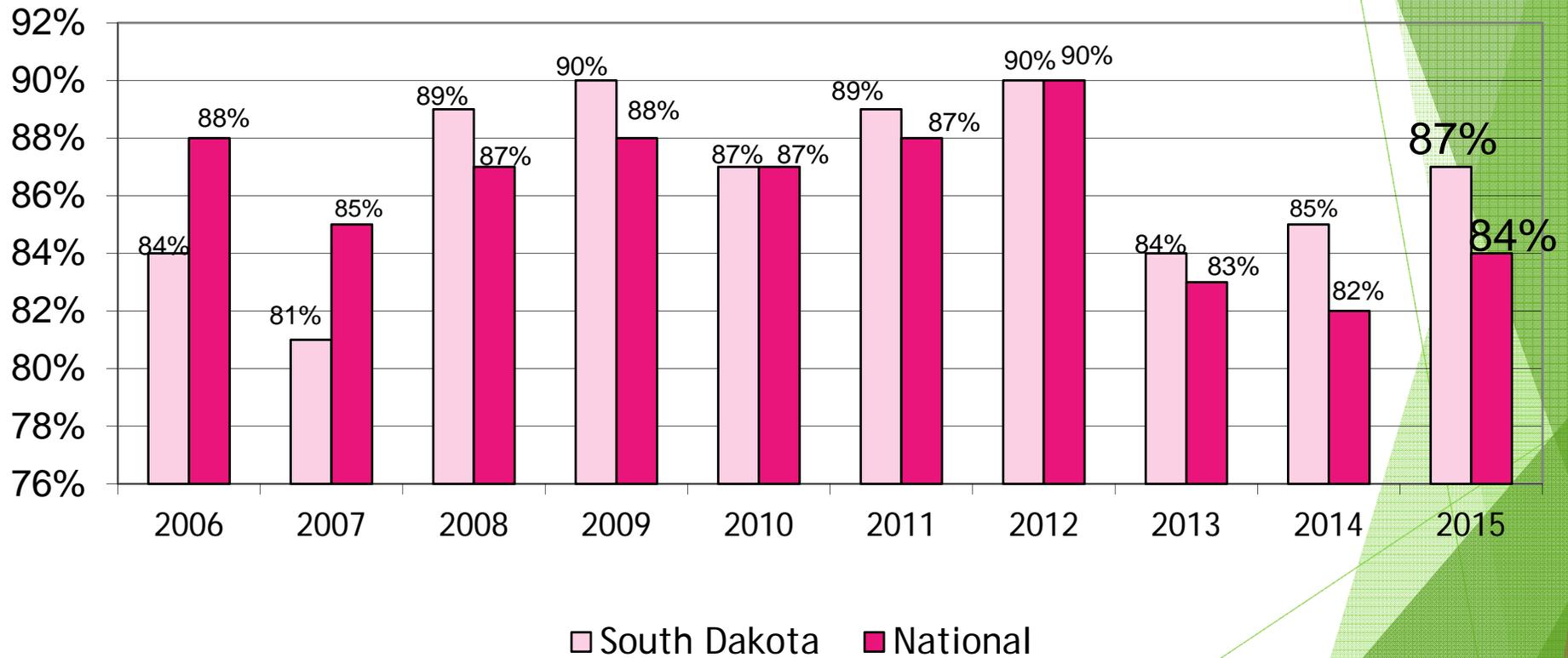
National:  
84%

## Associate Degree NCLEX- RN® Results: January 1–December 31, 2015

| Nursing Program   | Total Passed | Total Test Writers | Percent Passed |
|-------------------|--------------|--------------------|----------------|
| DWU               | 45           | 53                 | 85%            |
| Oglala Lakota     | 4            | 5                  | 80%            |
| Sisseton Wahpeton | 0            | 1                  | 0%             |
| Southeast Tech    | 16           | 19                 | 84%            |
| USD               | 89           | 106                | 84%            |
| Total             | 154          | 184                | 84%            |

National:  
84%

# NCLEX-RN® Pass Rates: 2006–2015



## Practical Program NCLEX- PN<sup>®</sup> Results: January 1–December 31, 2015

| Nursing Programs    | Total Passed | Total Test Writers | Percent Passed |
|---------------------|--------------|--------------------|----------------|
| LPN by Equivalency  | 2            | 2                  | 100%           |
| Lake Area           | 52           | 53                 | 98%            |
| Mt Marty            | 4            | 4                  | 100%           |
| Sinte Gleska        | 3            | 4                  | 75%            |
| Southeast Tech      | 84           | 85                 | 99%            |
| Sisseton Wahpeton   | 0            | 1                  | 0%             |
| Western Dakota Tech | 14           | 35                 | 40%            |
| Total               | 159          | 184                | 86%            |

National:  
82%

## Graduates Licensed as RNs: Oct. 2014 - Sept. 2015

| RN Programs     | Total Graduates | Total Licensed in SD |     |
|-----------------|-----------------|----------------------|-----|
| Augustana       | 44              | 31                   | 70% |
| Dakota Wesleyan | 53              | 42                   | 79% |
| Mount Marty     | 30              | 13                   | 43% |
| NAU             | 21              | 7                    | 33% |
| OLC             | 9               | 4                    | 44% |
| Presentation    | 45              | 10                   | 22% |
| SDSU            | 288             | 190                  | 66% |
| STI             | 14              | 11                   | 79% |
| USF             | 39              | 25                   | 64% |
| USD             | 163             | 121                  | 74% |
| RN Total        | 706             | 454                  | 64% |

## Graduates Licensed as LPNs: October 2014- September 2015

| Practical Nurse Programs | Total Graduates | Total Licensed in South Dakota |     |
|--------------------------|-----------------|--------------------------------|-----|
| Lake Area Technical      | 53              | 40                             | 75% |
| Mount Marty              | 3               | 2                              | 66% |
| Sinte Gleska College     | 3               | 1                              | 33% |
| Sisseton Wahpeton        | 5               | 0                              | 0   |
| Southeast Tech           | 92              | 78                             | 85% |
| Western Dakota Tech      | 37              | 20                             | 54% |
| Practical Nurse Total    | 193             | 141                            | 73% |

# Thank you!

- ▶ The South Dakota Annual Education Report is available online at:

<http://doh.sd.gov/boards/nursing/RandP.aspx>