

# South Dakota Board of Vocational Rehabilitation

## Indicator 14 2015-2016 Data

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# Indicator 14 Post School Outcomes

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Percent of youth who are no longer in secondary school, had Individualized Education Programs (IEPs) in effect at the time they left school, and were enrolled in:

- A. higher education
- B. higher education or competitively employed
- C. higher education or in some other postsecondary education or training program; or competitively employed or in some other employment within one year of leaving high school.

(20 U.S.C. 1416(a)(3)(B))



# Higher Education Includes...

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youth who have been enrolled on a full- or part-time basis

- in a community college (2-year program) or
- college/university (4- or more year program) or
- in a vocational technical educational program (2-year program)

for at least one complete term, at anytime in the year since leaving high school.



# Competitive Employment Includes...

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youth who have worked for pay

- at or above the minimum wage
- in a setting with others who are nondisabled
- for a period of 20 hours a week
- for at least 90 days at any time in the year since leaving high school.

(This includes military employment.)



# Other Postsecondary Education or Training Includes...

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youth who have been enrolled on a full- or part-time basis

- for at least 1 complete term at any time in the year since leaving high school
- in an education or training program (e.g., Job Corps, adult education, workforce development program, vocational technical school that is less than a 2-year program).



## Other Employment Includes...

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youth who have worked for pay or been self-employed

- for a period of at least 90 days at any time in the year since leaving high school.

This includes working in a family business (e.g., farm, store, fishing, ranching, catering services, etc.).



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To calculate the indicator percentages, the following calculations are used:

- $A = \text{Tier 1} \text{ divided by total respondents}$
- $B = \text{Tier 1} + \text{Tier 2} \text{ divided by total respondents}$
- $C = \text{Tier 1} + \text{Tier 2} + \text{Tier 3} + \text{Tier 4} \text{ divided by total respondents}$

(NPSO)



## In South Dakota from 2015-16 Exiter Data (Appendix B):

There were **375** total respondents.

**1 = 77** respondent leavers were enrolled in "**higher education**". **21%**

**2 = 208** respondent leavers were engaged in "**competitive employment**" (and not counted in Tier 1 above). **56%**

**3 = 5** of respondent leavers were enrolled in "**some other postsecondary education or training**" (and not counted in Tier 1 or Tier 2 above). **1%**

**4 = 20** of respondent leavers were engaged in "**some other employment**" (and not counted in 1, 2, or 3 above). **5%**

**Thus,**

**A = 77** (#1) divided by **375** (total respondents) = **20.5%**

**B = 77** (#1) + **208** (#2) divided by **375** (total respondents) = **76%**

**C = 77** (#1) + **208** (#2) + **5** (#3) + **20** (#4) divided by **375** (total respondents) = **82.7%**

(NPSO)



# Target Data vs. Actual Data

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## Target Data FFY 2016

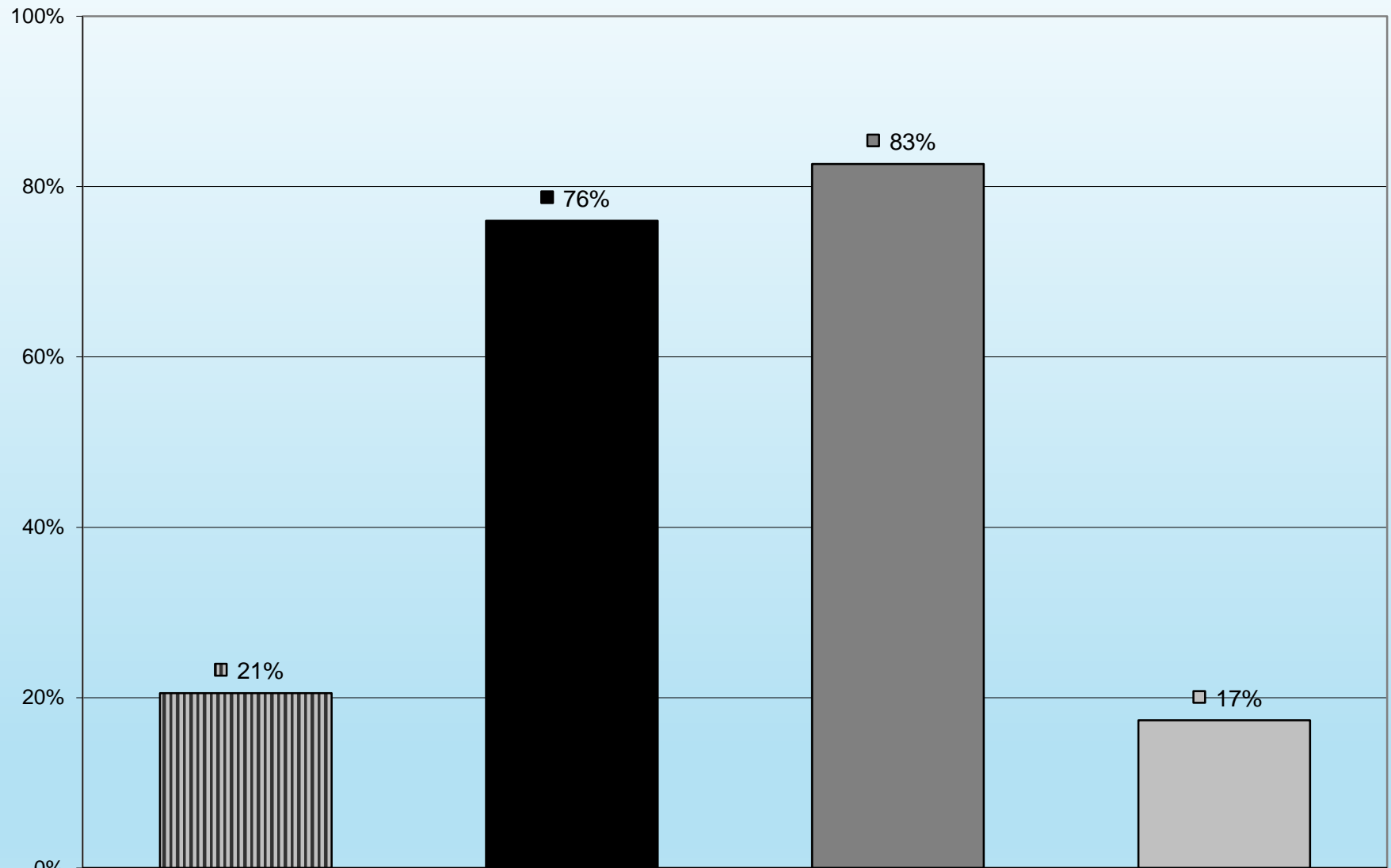
- A = 15.5%
- B = 68.0%
- C = 81.0%

## Actual Data FFY 2016

- A = 20.5%
- B = 76.0%
- C = 82.7%



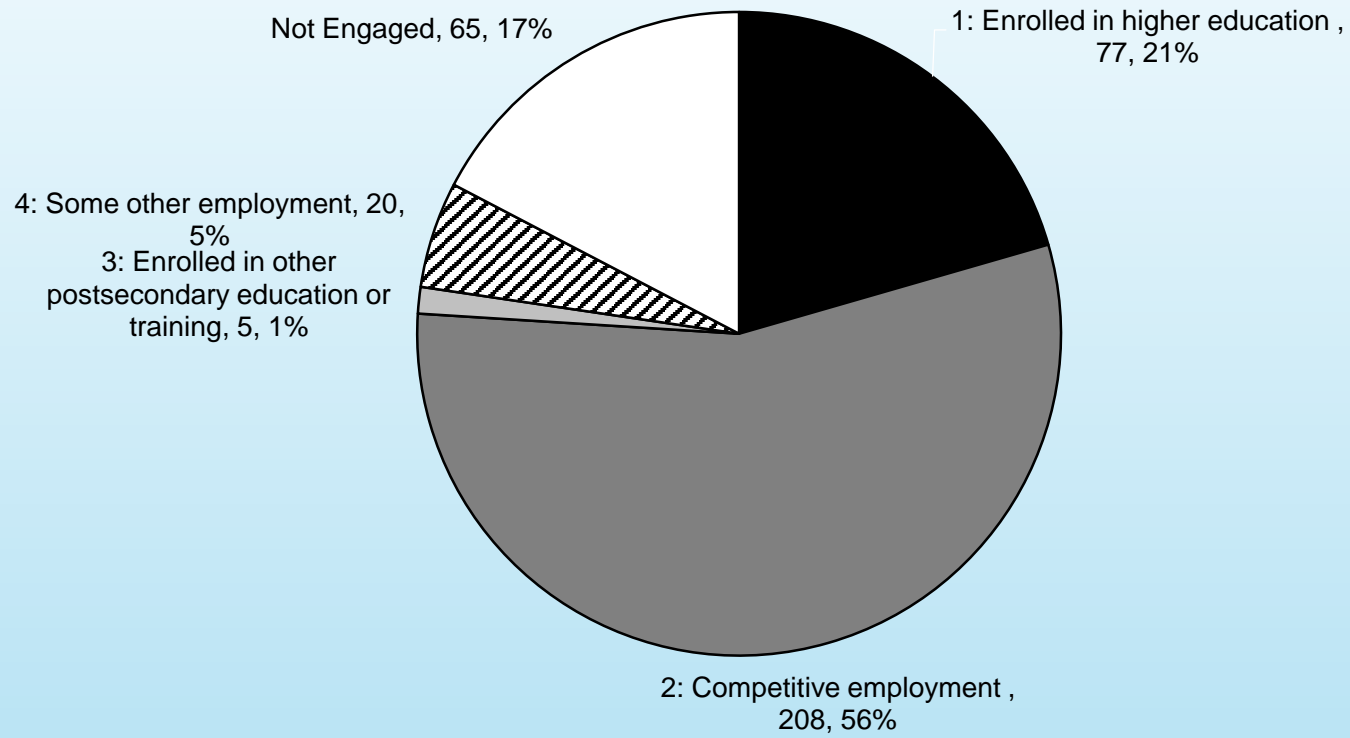
**South Dakota 2015-2016 Indicator 14**



Percent	21%	76%	83%	17%
Count	77	285	310	65



**South Dakota 2015-2016 Indicator 14**



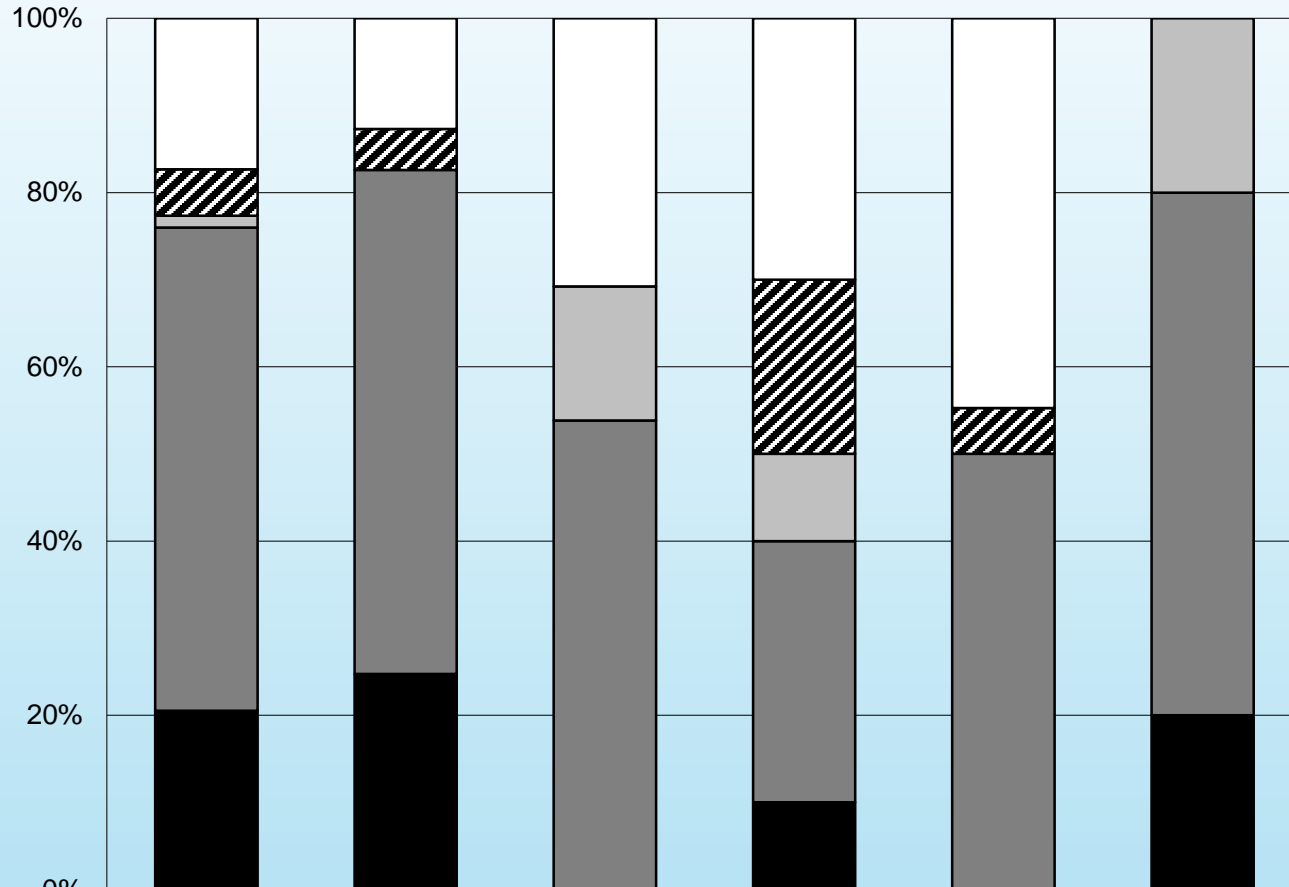
<b>SPP #14 Measurement A:</b>	<b>21%</b>	<b>Equals Segment 1</b>
<b>SPP #14 Measurement B:</b>	<b>76%</b>	<b>Equals Segments 1+2</b>
<b>SPP #14 Measurement C:</b>	<b>83%</b>	<b>Equals Segments 1+2+3+4</b>

■ 1: Enrolled in higher education	■ 2: Competitive employment
□ 3: Enrolled in other postsecondary education or training	▨ 4: Some other employment
□ Not Engaged	



**South Dakota 2015-2016 Indicator 14**

**Respondents by Type of Exit**

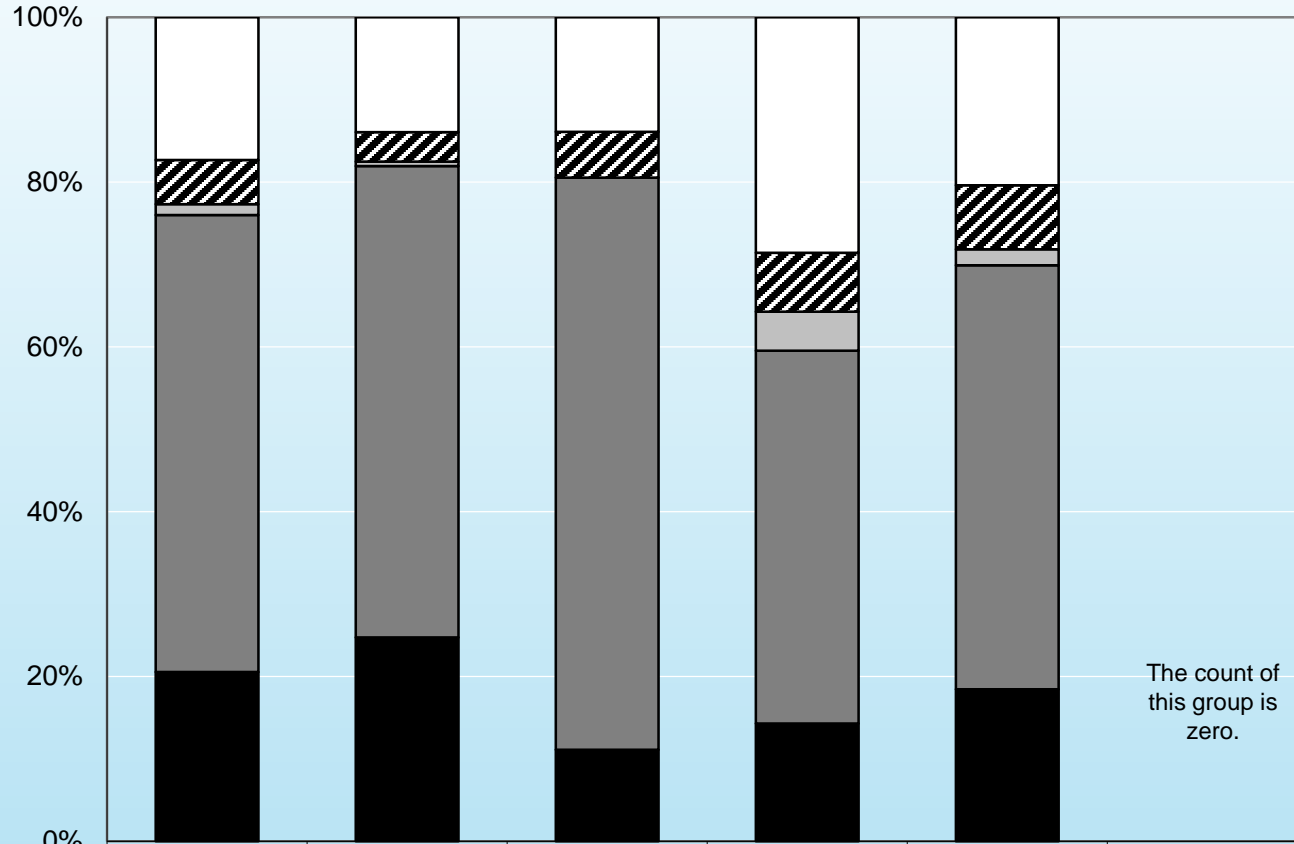


	Statewide Respondents n=375	High School Diploma n=299	Certificate or Modified Diploma n=13	Aged out n=20	Dropout n=38	Unknown: Exit Reason n=5
□ Not Engaged	17%	13%	31%	30%	45%	0%
▨ 4: Some other employment	5%	5%	0%	20%	5%	0%
▤ 3: Enrolled in other postsecondary education or training	1%	0%	15%	10%	0%	20%
■ 2: Competitive employment	55%	58%	54%	30%	50%	60%
■ 1: Enrolled in higher education	21%	25%	0%	10%	0%	20%



**South Dakota 2015-2016 Indicator 14**

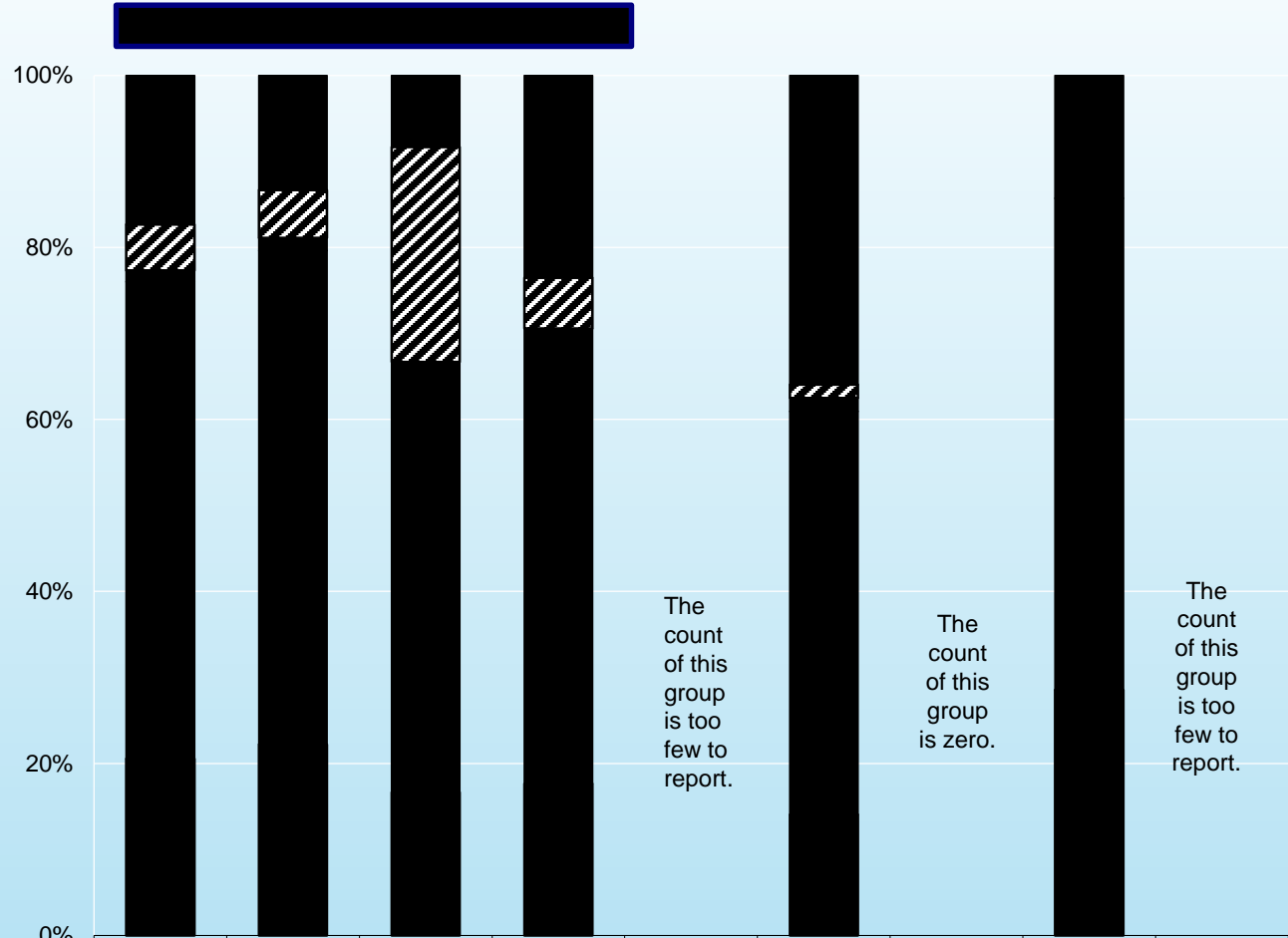
**Respondents  
by Type of  
Disability**



	Statewide Respondents n=375	Specific Learning Disability n=194	Emotional Disturbance n=36	Cognitive Impairment n=42	All Other Disabilities n=103	Unknown: Disability Type n=0
Not Engaged	17%	14%	14%	29%	20%	0%
4: Some other employment	5%	4%	6%	7%	8%	0%
3: Enrolled in other postsecondary education or training	1%	1%	0%	5%	2%	0%
2: Competitive employment	55%	57%	69%	45%	51%	0%
1: Enrolled in higher education	21%	25%	11%	14%	18%	0%



**Respondents by Ethnicity**

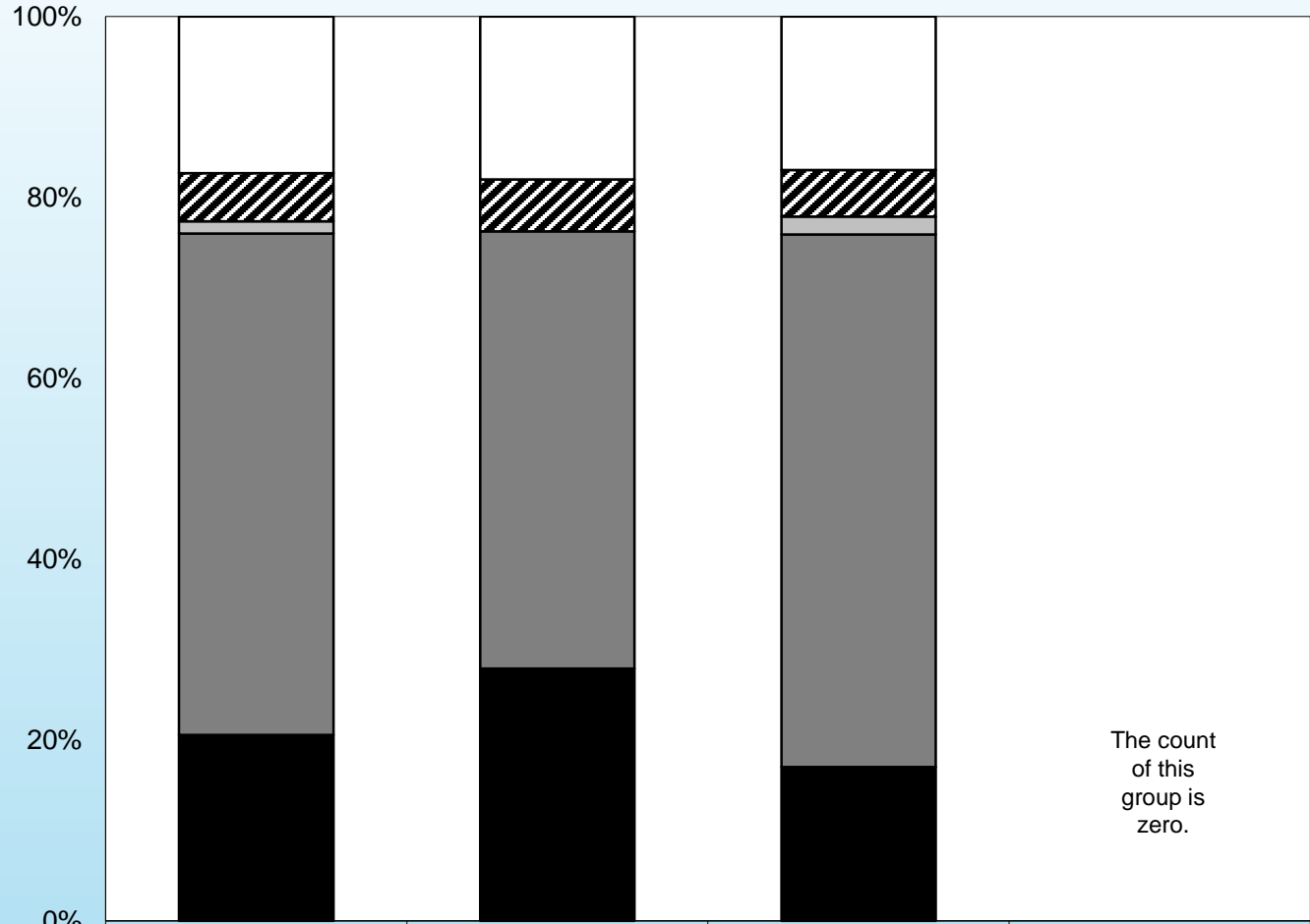


	Statewide Respondents n=375	White n=270	Hispanic/Latino n=12	Black or African American n=17	Asian n=3	American Indian/Alaska Native n=64	Native Hawaiian or Other Pacific Islander n=0	Two or more races n=7	Unknown: Race or Ethnicity n=2
■ Not Engaged	17%	13%	8%	24%	0%	36%	0%	14%	0%
▨ 4: Some other employment	5%	6%	25%	6%	0%	2%	0%	0%	0%
■ 3: Enrolled in other postsecondary education or training	1%	1%	0%	0%	0%	2%	0%	0%	0%
■ 2: Competitive employment	55%	57%	50%	53%	0%	47%	0%	57%	0%
■ 1: Enrolled in higher education	21%	22%	17%	18%	0%	14%	0%	29%	0%



**South Dakota 2015-2016 Indicator 14**

**Respondents by Gender**



The count of this group is zero.

	Statewide Respondents n=375	Female n=122	Male n=253	Unknown: Gender n=0
□ Not Engaged	17%	18%	17%	0%
▨ 4: Some other employment	5%	6%	5%	0%
□ 3: Enrolled in other postsecondary education or training	1%	0%	2%	0%
▨ 2: Competitive employment	55%	48%	59%	0%
■ 1: Enrolled in higher education	21%	28%	17%	0%



	Overall	LD	ED	MR	AO	Female	Minority	ELL	Dropout
<b>Target Leaver Totals</b>	674	325	70	84	195	221	209	17	96
<b>Response Totals</b>	375	194	36	42	103	122	103	10	38
<b>Target Leaver Representation</b>	48.22%	10.39%	12.46%	28.93%	32.79%	31.01%	2.52%	14.24%	
<b>Respondent Representation</b>	51.73%	9.60%	11.20%	27.47%	32.53%	27.47%	2.67%	10.13%	
<b>Difference</b>	3.51%	-0.79%	-1.26%	-1.47%	-0.26%	-3.54%	0.14%	-4.11%	

Note: positive difference indicates over-representation, negative difference indicates under-representation. A difference of greater than +/-3% is highlighted in red. We encourage users to also read the Westat/NPSO paper Post-School Outcomes: Response Rates and Non-response Bias, found on the NPSO website at <http://www.nsocenter.org/collecting.html>.

**Difference between Target Leavers and Respondent Representativeness 2005-2008**  
**Results from current year exiters 2015-2016.**

	LD	ED	CD	AO	Female	Minority	ELL	Dropout
2006-07	-0.86%	-0.14%	-0.64%	1.63%	-2.02%	-2.13%	-.031%	-0.66%
2007-08	-0.17%	-1.35%	0.67%	0.86%	0.97%	-8.59%	0.41%	-6.44%
2008-09	0.13%	-0.35%	-1.23%	1.46%	-0.12%	-0.06%	-0.68%	-2.09%
2014-15	-1.68%	-0.02%	-1.47%	-0.20%	-2.79%	-0.20%	-0.60%	-2.12%
<b>2015-16</b>	<b>3.51%</b>	-0.79%	-1.26%	-1.47%	-0.26%	<b>-3.54%</b>	0.14%	<b>-4.11%</b>

**\*current difference**

A-Gathering of baseline information in each category

B-Application of an intervention and measurement of the effects of the intervention

C-Removal of intervention and return to baseline

D-Applying the intervention to determine if there is a return the desired outcome

**Intervention:** Contacting selected Sped Directors with hard-to-find exiters and having the schools conduct the surveys vs. only using mailings and phone interviews



**Improvements and slippage per Tier for eight years 2008-09 thru 2015-2016**  
**Began including VTI plus University (all VTI programs are 2 year with diploma)\***

<u>YEAR</u>	<u>Tier 1</u> <u>Higher Ed</u>	<u>Tier 2</u> <u>Comp Emp</u>	<u>Tier 3</u> <u>S.O. Educ.</u>	<u>Tier 4</u> <u>S.O Empl.</u>	<u>Tier 5</u> <u>Disengaged</u>	<u>Total</u> <u>Engagement</u> <u>Rate</u>
2008-09	14.6	45.3	7.3	11.4	21.4	78.6%
2009-10	8.7	48.8	5.3	10.2	27.0	73.0%
2010-11	10.3	53.1	5.9	7.4	23.3	76.7%
2011-12	13.3	53.8	5.1	6.7	22.2	78.9%
2012-13	11.6	60.0	5.6	8.1	14.7	85.3%
2013-14	20.2*	54.0	1.4	6.2	17.7	81.8%
2014-15	15.8	60.8	1.7	3.8	17.9	82.1%
2015-2016	20.5	56.0	1.0	5.0	17.0	82.5%

# Summary

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- In 2015-2016, South Dakota had the highest percentage (20.5%) of students enroll in post-secondary school since data has been collected for Indicator 14 in baseline year (2008-2009)!
- In 2015-2016, South Dakota had it's highest percentage (82.7%) of students in Measurement C (Tiers 1, 2, 3 and 4).
- The average percentage of exiters disengaged over the first four years of data collection was 23.5%. In 2015-2016, that percentage was significantly lower at 17%.
- South Dakota's response rate for 2015-2016 was 56%. National engagement rates typically average 50%.
- South Dakota's total engagement rate has increased from baseline year (2008-2009) of 78.6% to 82.7%, or an increase of 4.1% this year.