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# Freshmen Remediation Rates

October 2022

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## **Background**

The remediation rate of first time college freshmen is an often cited data point used to indicate the percentage of students who begin college not fully academically prepared to enroll in college level coursework. In the NDUS, remediation rates are also referred to developmental course enrollment rates.

Remediation rates are presented in three parts, including an overall rate that considers whether a student is enrolled in any type of developmental course, as well as rates for Mathematics courses, and English Language Arts (reading, writing, and communication) courses.

## **Scope of this Report**

The research for this report was conducted at NDUS System Office by Institutional Research staff. The intent of this report is to address current questions surrounding enrollment of NDUS students in developmental courses, also known as remedial coursework. For this report, the cohort group(s) under study include the first-time freshmen attending a NDUS institution during fall terms 2014 through 2022. Data used in this report come from census course enrollments as reported from the NDUS Campus Solutions student reporting system.

## **Use of this Data for Generalizing to North Dakota Population**

It is critical to note that these NDUS cohort data are **not** limited to students who graduated from high school in North Dakota, and as such, the remediation rate data cannot be generalized to the North Dakota K-12 system. Remediation rates specific to North Dakota high school students are available via the state K-12 educational dashboards available at [insights.nd.gov](https://insights.nd.gov).

## **Definitions**

**Remediation Rate** – The percentage of first-time freshmen who enroll in either Mathematics or English language Arts developmental coursework.

**Developmental Courses** – college coursework that is designed to prepare students to complete postsecondary academic degree credit courses. Developmental courses do carry credit; however, they do not count toward degree requirements.

**First time freshmen** – any student attending NDUS whose entry status is “first year”, and grade level is “freshman”. This includes students from North Dakota as well as those attending NDUS institutions from out of state.

**Table 1***Freshmen Remediation Rates by NDUS Institution - Percentage of Students Enrollment in ANY Developmental Coursework*

	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
BSC	35.6%	34.0%	33.5%	36.5%	40.1%	37.6%	39.5%	31.4%	31.8%
DCB	75.9%	67.2%	60.1%	55.9%	68.2%	60.3%	57.8%	52.4%	50.9%
LRSC	52.8%	38.6%	46.1%	50.8%	50.0%	49.7%	41.3%	37.1%	39.2%
NDSCS	36.9%	37.5%	28.8%	44.1%	51.5%	48.8%	48.2%	44.6%	45.1%
WSC	52.6%	49.1%	48.1%	46.6%	45.7%	48.5%	46.0%	38.2%	35.1%
DSU	35.7%	42.7%	34.5%	36.3%	36.5%	31.5%	24.9%	29.4%	27.9%
MASU	54.8%	55.7%	48.3%	40.0%	46.8%	49.1%	50.7%	39.1%	33.0%
MISU	26.0%	24.3%	30.3%	22.9%	13.6%	14.1%	16.4%	12.3%	14.3%
VCSU	45.8%	49.1%	43.4%	41.6%	44.2%	36.4%	42.0%	40.9%	34.6%
NDSU	19.9%	20.0%	19.0%	13.5%	11.8%	11.8%	11.5%	11.7%	10.7%
UND	13.4%	12.5%	10.7%	7.8%	7.5%	12.5%	12.2%	10.5%	10.6%
<i>Community Colleges</i>	<i>42.2%</i>	<i>39.8%</i>	<i>36.4%</i>	<i>43.1%</i>	<i>40.1%</i>	<i>45.5%</i>	<i>44.5%</i>	<i>38.5%</i>	<i>38.9%</i>
<i>Regional Universities</i>	<i>37.3%</i>	<i>38.7%</i>	<i>36.6%</i>	<i>32.0%</i>	<i>29.3%</i>	<i>27.3%</i>	<i>28.7%</i>	<i>27.0%</i>	<i>24.3%</i>
<i>Research Universities</i>	<i>17.1%</i>	<i>16.9%</i>	<i>15.5%</i>	<i>11.1%</i>	<i>9.9%</i>	<i>12.1%</i>	<i>11.8%</i>	<i>11.2%</i>	<i>10.7%</i>
<b>NDUS Overall</b>	<b>27.8%</b>	<b>27.4%</b>	<b>25.3%</b>	<b>24.8%</b>	<b>23.7%</b>	<b>24.2%</b>	<b>23.5%</b>	<b>20.6%</b>	<b>19.5%</b>

**Table 2***Freshmen Mathematics Remediation Rates*

	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
BSC	24.1%	24.1%	23.8%	26.9%	30.9%	26.2%	28.6%	22.2%	23.5%
DCB	60.0%	53.3%	53.4%	45.1%	54.8%	49.3%	43.1%	32.4%	34.0%
LRSC	35.8%	30.3%	33.9%	37.2%	37.6%	35.2%	23.3%	24.0%	20.6%
NDSCS	21.0%	23.2%	17.5%	21.9%	26.2%	22.9%	18.8%	18.1%	19.4%
WSC	48.5%	42.5%	42.2%	37.6%	39.9%	38.1%	39.2%	37.0%	32.3%
DSU	29.0%	36.6%	28.2%	28.9%	31.5%	24.5%	19.5%	18.5%	17.9%
MASU	36.6%	30.9%	37.6%	26.4%	28.8%	34.3%	19.0%	19.0%	13.4%
MISU	22.8%	21.8%	26.8%	20.4%	6.6%	7.1%	8.4%	7.1%	7.4%
VCSU	37.4%	39.2%	31.8%	25.7%	27.3%	18.9%	18.7%	18.8%	15.6%
NDSU	13.4%	14.5%	13.5%	13.3%	11.2%	11.6%	11.1%	11.7%	10.7%
UND	13.4%	12.5%	10.7%	7.8%	7.5%	12.5%	12.2%	10.5%	10.6%
<i>Community Colleges</i>	<i>28.8%</i>	<i>28.6%</i>	<i>26.5%</i>	<i>28.7%</i>	<i>33.5%</i>	<i>29.5%</i>	<i>27.2%</i>	<i>23.6%</i>	<i>23.4%</i>
<i>Regional Universities</i>	<i>29.6%</i>	<i>30.4%</i>	<i>29.7%</i>	<i>24.1%</i>	<i>19.1%</i>	<i>16.8%</i>	<i>14.8%</i>	<i>14.5%</i>	<i>12.6%</i>
<i>Research Universities</i>	<i>13.4%</i>	<i>13.7%</i>	<i>12.3%</i>	<i>11.0%</i>	<i>9.6%</i>	<i>12.0%</i>	<i>11.5%</i>	<i>11.2%</i>	<i>10.7%</i>
<b>NDUS Overall</b>	<b>20.4%</b>	<b>20.8%</b>	<b>19.4%</b>	<b>18.7%</b>	<b>18.0%</b>	<b>17.9%</b>	<b>16.5%</b>	<b>14.9%</b>	<b>14.1%</b>

**Table 3***Freshmen English Language Arts Remediation Rates*

	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
BSC	23.1%	21.1%	21.9%	22.1%	23.5%	26.6%	26.9%	22.2%	22.1%
DCB	48.6%	48.7%	44.6%	41.0%	54.2%	52.7%	45.0%	48.6%	39.6%
LRSC	30.1%	25.0%	30.9%	33.9%	34.3%	33.7%	32.6%	30.5%	30.9%
NDSCS	29.7%	28.2%	21.8%	34.4%	44.9%	44.8%	44.3%	41.0%	40.5%
WSC	22.4%	24.7%	28.9%	27.0%	23.8%	33.2%	34.2%	9.5%	11.7%
DSU	11.9%	9.9%	12.7%	14.7%	11.1%	17.0%	7.5%	17.7%	15.1%
MASU	33.3%	38.9%	30.2%	28.6%	28.8%	34.3%	40.1%	31.8%	28.6%
MISU	6.6%	7.0%	9.7%	4.8%	7.8%	8.6%	10.0%	5.7%	7.9%
VCSU	21.7%	24.3%	24.7%	23.8%	28.5%	21.7%	28.0%	27.4%	23.2%
NDSU	8.9%	8.9%	8.8%	0.4%	0.7%	0.5%	0.6%	0.0%	0.0%
UND	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
<i>Community Colleges</i>	<i>28.2%</i>	<i>26.3%</i>	<i>25.0%</i>	<i>29.5%</i>	<i>33.0%</i>	<i>35.8%</i>	<i>35.2%</i>	<i>29.0%</i>	<i>29.4%</i>
<i>Regional Universities</i>	<i>15.7%</i>	<i>16.3%</i>	<i>16.5%</i>	<i>14.2%</i>	<i>15.7%</i>	<i>16.5%</i>	<i>17.4%</i>	<i>17.7%</i>	<i>15.4%</i>
<i>Research Universities</i>	<i>5.1%</i>	<i>5.2%</i>	<i>5.0%</i>	<i>0.2%</i>	<i>0.4%</i>	<i>0.3%</i>	<i>0.4%</i>	<i>0.0%</i>	<i>0.0%</i>
<b><i>NDUS Overall</i></b>	<b><i>13.9%</i></b>	<b><i>13.8%</i></b>	<b><i>13.3%</i></b>	<b><i>12.0%</i></b>	<b><i>12.2%</i></b>	<b><i>13.1%</i></b>	<b><i>12.7%</i></b>	<b><i>10.1%</i></b>	<b><i>9.4%</i></b>

### Chart 1

*NDUS Overall Rates for Mathematics (Math), English Language Arts (ELA), and Overall (Any Subject)*

