



# SLEDS PostSecondary Secure Reports

Meredith Fergus | SLEDS Manager (Office of Higher Education)

Erin Osborn | Research Analyst, SLEDS Network (Century College)

Alex Hermida | SLEDS Coordinator (Office of Higher Education)

# What Data are Available?

<b>Data Product</b>	<b>K-12 Secured Report</b>	<b>Postsecondary Secured Report</b>	<b>SLEDS Data Request</b>	<b>SLEDS.mn.gov (other websites)</b>
Who has access?	Approved school or district staff	Approved college staff	Approved users	Everyone
Data about who?	Only students from a specific school or district	Only students from a specific college or system	Students of interest for a specific research study	Students statewide
Level of data?	De-identified individual Level	De-identified individual Level	De-identified individual Level or Summary Level	Summary Level
How is access approved?	Complete & Sign the Data Sharing Agreement then request electronic data access through the EDIAM process (Anita Larson)	Complete & Sign the Data Sharing Agreement Then request electronic data access through the EDIAM process (Meredith Fergus)	Complete the Data Request Application & Sign the Data Sharing Agreement	n/a
How is data obtained?	Log-in to the Secured Reports website & download	Log-in to the Secured Reports website & download	Secured data transfer	Via interactive web reports

# Post-Secondary Research Data Mart

## Secure Reports

The Statewide Longitudinal Education Data System (SLEDS) Secure Reports site contains student level de-identified data from K-12 and postsecondary education. Data are linked at the individual student level from K-12 to postsecondary but no identifying information is included. SLEDS was developed to match student data from pre-kindergarten through completion of postsecondary education and into the workforce. By bridging existing data with other incoming data a range of education, programmatic, and delivery questions can be answered to gauge the effectiveness of current programs and design targeted improvement strategies to help students.

### K-12 Secure Reports

This data is provided to LEAs around the state to answer questions specific to their student populations so that data can be used to drive decision-making and program improvement. These reports can be customized and opened directly in Excel. The starting cohort includes public high school graduates and drop outs (starting in 9th grade). Users can refer to the attachment of [data element descriptions](#) or the [SLEDS Data Dictionary](#) located on the [SLEDS analytics website](#) for further information.

For LEAs who would like to gain access to the K-12 Secure Report for their district and schools, please see the [data sharing agreement document](#). Once filled out and signed, it should be scanned and e-mailed to Anita Larson at [anita.larson@state.mn.us](mailto:anita.larson@state.mn.us).

### Postsecondary Secure Reports

This data is provided to postsecondary institutions around the state to answer questions specific to their student populations. The data can be used to drive decision-making and program improvement. These reports can be customized and are available as text files. The starting cohort includes students enrolled in a postsecondary institution starting in 2003 or completing a certificate or degree starting in 2007 and continues to the present enrollment class. Users can refer to the attachment of [data element descriptions](#) or the [SLEDS Data Dictionary](#) located on the [SLEDS analytics website](#) for further information.

For institutions who would like to gain access to the Postsecondary Secure Report for their institution, please see the [data sharing agreement document](#). Once filled out and signed, it should be scanned and e-mailed to Meredith Fergus at [meredith.fergus@state.mn.us](mailto:meredith.fergus@state.mn.us).

### Attention: SLEDS Secure Report Users

**Effective immediately, you must create a new account on the Education Identity and Access Management (EDIAM) Security System. You cannot access SLEDS Secure Report until the new account is activated.**

The EDIAM Security system manages user accounts and authorization to secure website systems for the Minnesota Department of Education (MDE), and P20W (SLEDS and ECLDS). EDIAM Security is replacing the current MIDMS Security system.

[Enter Education Identity & Access Management \(EDIAM\)](#)

#### SLEDS Secure Reports

[Getting Prepared Data Mart](#)

[K-12 Research Data Mart](#)

[Postsecondary Research Data Mart](#)

[Workforce Training Data Mart](#)



<https://public.education.mn.gov/MDEAnalytics/Sleds.jsp>

# Enrolled Students

- 1 record /enrolled student /FY selected per college

# Completers

- 1 record/ award/ completer/ FY selected per college

The screenshot shows a web browser window displaying the "Postsecondary Research Data Mart" interface. At the top, there is a header with the title "Postsecondary Research Data Mart". Below the header, a paragraph of text explains that the files provide student level information for each institution in the state, including demographic and workforce activity. The text mentions that users can select and deselect data elements to be included in a linked table on their computer, and provides a link to the "Postsecondary Data Mart Field List for Enrolled Students/Completers".

The interface includes several dropdown menus for filtering data:

- System:** University of Minnesota
- Year:** 2015
- Format:** CSV
- College:** All
- Status:** Enrolled

Below the filters, there are three sections for selecting attributes:

- K-12 Attributes:** A list of attributes including "High School State Accountability Test Math", "High School State Accountability Test Reading", "High School State Accountability Test Science", and "ACT".
- PS Enrollment Attributes:** A list of attributes including "OHE Code", "Student Level", "Race", and "Gender".
- PS Completers Attributes:** A list of attributes including "First Completion", "Second Completion", and "Third Completion".

Each section has a "Make Selection" dropdown and two buttons (">>" and "<<") to move attributes between the list and a selection box on the right.

# PS Research Data Mart Content

## Student-level Data for Colleges

- Data:
- De-identified student level records
- SLEDS ID matches across files (91% accuracy)
- Population limited (e.g. current or former students)
- Data Suppression
- Format:
- CSV or Excel



# When Is SLEDS Data Uploaded?

- Twice a year (June and November).
- Data typically lags by about a year (12 months)
- Students enrolling in college in the Fall of 2018 are loaded in December of 2019
- 2018 College grads are available December of 2019

# What will you find in the SLEDS Postsecondary Data Mart?

Row: 1 student

Columns: data

- PS default columns
- K-12 Demographics
- K-12 Enrollment/Programs
- K-12 Accountability Tests
- ACT
- Advanced Placement
- GED/Adult Basic Ed
- PS First Transfer (OHE/NSC)
- PS Completion – 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup>/4<sup>th</sup> (OHE/NSC)
- WDQI/Employment
- Yearly Employment

# Always reference the data fields guide

## Postsecondary Secure Reports

This data is provided to postsecondary institutions around the state to answer questions specific to their student populations. The data can be used to drive decision-making and program improvement. These reports can be customized and are available as text files. The starting cohort includes students enrolled in a postsecondary institution starting in 2003 or completing a certificate or degree starting in 2007 and continues to the present enrollment class. Users can refer to the attachment of [data element descriptions](#) or the [SLEDS Data Dictionary](#) located on the [SLEDS analytics website](#) for further information.

For institutions who would like to be signed, it should be scanned and signed.

The screenshot shows an Excel spreadsheet titled "SLEDS PSDM Field Table 20190625.xlsx [Read-Only] - Excel". The ribbon includes File, Home, Insert, Page Layout, Formulas, Data, Review, View, ACROBAT, Power Pivot, Design, and Tell me what you want to do... The active cell is D19, containing the formula "Fiscal Year Selected".

Attribute Selection	Field	Description	Time Period	Source
Default	SLEDS Person ID	Random ID assigned to student by SLEDS		SLEDS
Default	Registration Type	Registration Type reported to OHE in this FY of Enrollment	Fiscal Year Selected	OHE PS Enrollment
Default	Reported Fiscal Year	Fiscal Year of Enrollment Selected (Fall 2013 = Fiscal Year 2014)	Fiscal Year Selected	OHE PS Enrollment
Default	System	System of Enrollment (e.g. MnSCU)	Fiscal Year Selected	OHE PS Enrollment
Default	Status	Enrolled or Completed	Fiscal Year Selected	OHE PS Enrollment
Default	OHE Code	OHE Code of College	Fiscal Year Selected	OHE PS Enrollment
Default	College Name	College Name	Fiscal Year Selected	OHE PS Enrollment
Default	Student Level	Student Level reported in this FY of Enrollment	Fiscal Year Selected	OHE PS Enrollment



# File Option #1

## Enrolled Students

# Enrolled Students -- Default Columns

- SLEDS Person ID (random ID assigned to student)
- Registration Type reported to OHE in this term of Enrollment
- Fiscal Year of Enrollment Selected (Fall 2017 = Fiscal Year 2018)
- System (e.g. Minnesota State)
- Status: Enrolled
- OHE Code of College
- College Name
- Student Level reported in this term of Enrollment
- Race/Ethnicity reported in this term of Enrollment
- Gender reported in this term of Enrollment
- Age as of this term of Enrollment
- Term of Enrollment this term
- Veteran
- First Generation

# K12 Enrollment/Other Attributes Columns

## Columns for both Enrollees & Completers

- K12 District Number
- K12 District Type
- K12 District Name
- K12 School Number
- K12 School Name
- HS Grad Year
- K12 Status End Code
- K12 Gender
- K12 Ethnicity
- Ltd English Proficiency (LEP)
- Special Ed (SPE) Flag
- Free & Reduced Price Lunch (FRP)  
9<sup>th</sup>,10<sup>th</sup>,11<sup>th</sup>,12<sup>th</sup> Grade
- Migrant (MIG) Flag
- PSEO Options 9<sup>th</sup>,10<sup>th</sup>,11<sup>th</sup>,12<sup>th</sup> Grade
- PSEO Concurrent Enrollment  
9<sup>th</sup>,10<sup>th</sup>,11<sup>th</sup>,12<sup>th</sup> Grade
- Homeless Flag
- Gifted/Talented Flag
- Home Primary Language
- Primary Disability Code
- Independent Study

## Columns for both Enrollees & Completers

### HS State Accountability Test –

Math / Reading / Science

- Test Name
- Year Participated
- Proficiency
- Achievement
- Scale Score

### ACT

- ACT Composite Score
- ACT Date Test Taken
- ACT Math Scale Score
- ACT Reading Scale Score
- ACT English Scale Score
- ACT Science Scale Score



## Columns for both Enrollees & Completers

- AP Biology Exam Grade
- AP Calculus AB Exam Grade
- AP Chemistry Exam Grade
- AP English Language and Composition Exam Grade
- AP English Literature and Composition Exam Grade
- AP Human Geography Exam Grade
- AP Music Theory Exam Grade
- AP Physics C Electricity and Magnetism Exam Grade
- AP Physics C Mechanics Exam Grade
- AP Psychology Exam Grade
- AP Statistics Exam Grade
- AP US Government and Politics Exam Grade
- AP United States History Exam Grade

# GED / Adult Basic Ed Columns

## Columns for both Enrollees & Completers

- GED Record (Indicates if the student has passed the GED)
- ABE Record (Indicates if the student participated in ABE)
- ABE Attendance Hours
- ABE Completion Code
- ABE Goal Obtained A Secondary School Diploma

# First Transfer Columns

## Columns for both Enrollees & Completers

- Pulls from OHE and NSC data // If the student enrolled at an institution other than the institution selected AND enrolled after the FY selected

- First Transfer College of Enrollment
- First Transfer OHE Code
- First Transfer Season
- First Transfer Fiscal Year
- First Transfer Regular Credits
- First Transfer Remedial Credits
- First Transfer Transfer Credits
- First Transfer Accumulated Credits
- First Transfer Degree Seeking
- First Transfer Award Level 1
- First Transfer Major 1 CIP
- First Transfer Award Level 2
- First Transfer Major 2 CIP
- First Transfer Student Level
- First Transfer Registration Type
- First Transfer Unit of Instructional Measure
- First Transfer Quarter Hour Equivalency

# Completions (First through Fourth)

## Columns for both Enrollees & Completers

- Pulls from OHE and NSC data

- First Completion Organization ID OHE
- First Completion Organization ID OPE
- First Completion Graduation Month
- First Completion Graduation Year
- First Completion Award Type
- First Completion Degree Title
- First Completion Major 1 CIP
- First Completion Major 1 CIP Year
- First Completion Major 2 CIP
- First Completion Major 2 CIP Year
- First Completion Age At Graduation
- First Completion Record Source



# Enrolled Students - Wages / Employment Columns

For fiscal year selected, prior fiscal year, and two fiscal years prior (July 1 – June 30):

- Sum of hours worked for all employers
- Sum of wages paid by all employers
- Multiple Employment Found: Flag indicating student has multiple unemployment insurance records in the last two quarters of each fiscal year

Associated with Employment Org ID showing highest sum wages for the fiscal year

- Employer Industry: Hybrid classification developed by DEED using 4 digit NAICS code for professional/technical services and 3 digit NAICS code for all other industries

# File Option #2

## Completers (also known as College Graduates)

# Completers Default Columns

- SLEDS Person ID (random ID assigned to student)
- Fiscal Year of Completion Selected (Fall 2017 = Fiscal Year 2018)
- System (e.g. MinnState)
- Status = Completed
- OHE Code for College
- College Name
- Race/Ethnicity
- Gender
- Age as of Completion

# Completers – Includes Same Columns as Enrolled Students

- K12 Enrollment/Other Attributes Columns
- K12 Tests / ACT Columns
- Advanced Placement
- GED / Adult Basic Ed Columns
- First Transfer Columns
- Completions (First through Fourth)



# DEED GEO - Wages / Employment Columns

Records reflect the HIGHEST credential

- Academic Year
- Institution Code
- Institution Name
- CIP Code
- CIP Title
- Award Code
- Valid SSN
- Has Wage Record @ 12 months
- Hourly Wage 12 Month, 24 Month, 48 Month
- Has Wage Record @ Year 2
- Annual Wages Year 2
- Employed Full-time Year 2 (Year 3, Year 4)
- Annual Wages Full-time Year 2 (Year 3, Year 4)

PSDM cannot be used to replicate GEO reports because GEO hasn't been updated in 2 years

# Completed Students - Wages / Employment Columns

Remember students may have more than 1 row!

For 1-10 years after the fiscal year selected (July 1 – June 30) for the graduation/credential shown in columns J-Q:

- Sum of hours worked for all employers
- Sum of wages paid by all employers
- Multiple Employment Found: Flag indicating student has multiple unemployment insurance records in the last two quarters of each fiscal year

# Completed Students - Wages / Employment Columns

For 1-10 years after the fiscal year selected (July 1 – June 30) for the graduation/credential shown in columns J-Q:

Associated with Employment Org ID showing highest sum wages for the fiscal year

- Employer Size: very small (<10), small (10-49), medium (50-249), or large (250+)
- Employer Region: 11 economic development regions
- Employer Ownership: government or private
- Employer Industry: Hybrid classification developed by DEED using 4 digit NAICS code for professional/technical services and 3 digit NAICS code for all other industries
- Employee Tenure: Tenure as of the last quarter associated with Employment Org ID showing highest sum wages for the fiscal year; Provided in quarters (i.e., tenure of 4 = 1 year)

# Wage Data Basics

Pulled from Minnesota unemployment insurance data (97% of MN employment)

Workers and jobs excluded from Minnesota wage records include, but are not limited to:

- employees of the federal government, including the US military,
- those employed in another state or by another state,
- those employed by a school, college, or university whose primary relation to the school or institution is as a student, or
- proprietors and the self-employed.

# Recommended Wage Data Exclusions

Wage records should be excluded from hourly and annual wage calculations:

- IF quarterly hours worked is less than 10 or equal to 999.
- IF quarterly hourly wages are less than \$6.00.

## Additional Exclusions

- Programs with less than 10 graduates with valid Social Security Numbers
- Cells with fewer than 10 individuals
- The following 2-digit CIP groups have been excluded: 32, 34, and 39.
  - CIPs 32 and 34 were excluded as invalid instructional program codes
  - CIP 39 was excluded due to the gaps in coverage of religious establishments in UI records.

# Wage Data – Median Wages / Full-Time

## Median Annual Wages

- IF a graduate is concurrently earning wages from more than one employer, only wages from the predominant job are included.
- "Predominant" is defined as the job with the highest wages per quarter.

## Full-Time Employment

- Graduates must have worked during each quarter of the year for an annual total of at least 1,820 hours (an average of 35 hours per week for a full year)

# Wage Outcome Timing – GEO Reports

Graduation		hWages12Mo		hWages24Mo		hWages48Mo													
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
Months 1-3	Months 4-6	Months 7-9	Months 10-12	Months 13-15	Months 16-18	Months 19-21	Months 22-24	Months 25-27	Months 28-30	Months 31-33	Months 34-36	Months 37-39	Months 40-42	Months 43-45	Months 46-48	Months 49-51	Months 52-54	Months 55-57	Months 58-60
Year 0				Year 1				Year 2		aWageYr2		Year 3		aWageYr3		Year 4		aWageYr4	
								awageFtYr2											

PSDM: Year 1 is the first fiscal year after the fiscal year of graduation (July 1 –June 30) which will not align to GEO years.

- Example: Student graduates in June 2016: PSDM Year 1 = July 2016-June 2017; GEO Year 0 = April 2016 – March 2017

Questions? Comments?

Thank you!