WISEdata: Student Enrollment From Start to Finish For Choice Schools

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WISEdata

Automated Data Collection

State and federally-required data is automatically submitted from student information systems to DPI.

- Schools select a certified SIS of their choice.
- Streamlined collection saves time and money.

Integrates with Other Systems

WISEdata uses API technology to exchange data with other certified systems.

- Data flows seamlessly between WISEdata and other systems schools use.
- Data can be sent and retrieved as needed for school and student improvement planning.

Near-real Time Data Review

Data available for review by school, student, data area, collection, and more!

- Drill into data for specific student values.
- Export numerous reports of student and staff data.
- Data syncs with WISEdash for further review and analysis.
- Validation rule logic provides errors and warnings to alert users to data quality issues.

WISEdata
Wisconsin Information System for Education

WISEdata Flyer

Automated Data Collection

- Required data submitted automatically.
- Streamlined collection saves time and money.

Integrates with Other Systems

- API Technology
- System Integration

Near-real Time Data Review

- DQ Dashboards
- Exports
- Validation Rules
- Sync nightly to WISEdash

What is WISEdata?

WISEdata is a multi-vendor, open data collection system that allows school districts, charter schools, and private schools participating in a parental Choice program to submit data to DPI from the student information system (SIS) vendor of their choice.

- WISEdata links to WISEid to ensure data is attached to the appropriate person.

- WISEdata houses Graduation/Dropout, Completion/Exit, Third Friday of September Enrollment, and Attendance data.

What is WISEdata?

Welcome to WISEdata! The Wisconsin Department of Public Instruction(DPI) maintains a comprehensive data management system of data [collection](#) and reporting to maximize the efficient collection and use of high-quality data, to improve the educational success of all Wisconsin students, and to meet federal and state reporting requirements. DPI data collection and reporting systems are necessary and useful, protects student privacy, and strive for improved development and maintenance. For more information about WISEdata in general, see the [WISEdata](#) home page.

Why do we collect data?

- Meet all required school state and federal reporting mandates

- Inform education research and data analysis through reporting tools

- Better understand and improve educational outcomes for Wisconsin students

- Maintain high data quality and security policies and standards to ensure data privacy

- Provide tools for multiple stakeholders, including educators, school officials, and DPI staff.

Data Submission Process

1. **SIS Selection:** School selects a school information system (SIS).

2. **Credentialing:** School's SIS must certify as their product is configured to WI Ed-Fi API standards to work with WISEdata.

3. **User Security Setup:** All users must register for WAMS IDs.

   a. WAMS IDs are used to log in to WISE applications via the Secure Home portal.

   b. District administrators will assign users designated security roles to access the various WISE applications.

4. **Data Entry:** Enter student data into the local SIS, including demographic, enrollment, and outcome data.

Data Submission Process Cont.

1. **WISEid Setup:** Request WISEids for all students and staff. This task is ongoing and can be done concurrently with data entry into your SIS.

2. **WISEdata Portal Submission:** Schools push data from their SIS to the WISEdata Portal for validation.

3. **Validation Review:** Users monitor and review the errors and warnings and make any necessary corrections.

4. **Continuous Collection:** Schools maintain high quality data, updating information as needed. DPI snapshots are taken periodically to obtain particular data statistics as of a given date. That data is used for state and federal reporting requirements.

Student Data Privacy

Enrollment

- Streamline processes to collect required data elements through completion of enrollment paperwork

- Prepare enrollment paperwork/ SIS Parent Portal

Attain WISEids for New Students/Refresh WISEids

All Student Report Card Opt-In or Opt-Out:

- **If your school opted-in:**

  report all students (Choice and on Choice participants)

- **If your school opted-out:**

  report only Choice participants

- Verify if your SIS is implementing the Identity Integration tool to ease your WISEid reporting burden

Research WISEdata Elements

Use the WISEdata Data Elements pages to view all the specific data elements for WISEid, and WISEdata.

- The main page provides a quick summary of each element.

- The links take you to individual pages that provide more detail about the element and which codes to report, as well as uses and FAQs.

This resource will be a staple when completing WISEdata reporting tasks and should be referenced often. You can link directly to data element pages from the WISEdata Portal. [Data Elements](#)

- Student Economic Status

  - economically disadvantaged True/False

- Food Services Program Association

  - free/reduced-price/ full priced meals/Unknown

  - Alternate Household Income Form

- English Language Proficiency (ELP)

  - Home Language Survey

- Disability Status

  - Parent Placed Private Flag

- Ancestry/Ethnic Origin

- Tribal Affiliation

- Digital Equity

Enrollment Dates

- **Effective begin and end dates**

- **When students leave, be sure to exit them with exit type and date**

Reporting Student Data Elements ctd.

Third Friday of September (SIS entry):

- Count Inclusion (flagged/marked in SIS)

- Choice student indicator

Optional Data Elements for Deeper Insight

New Optional Data Elements:

- Digital Equity Gap

- Immunization*

- Tribal affiliation and ancestry/ethnic origin*

*Verify that your SIS vendor is participating in these collections

Collaborating with Local Public School District

- **Tile Services Consultation**

  If receiving Title I services, use economic status that was collected for WISEdata reporting

  If receiving Title III services, work with LEA to have students assessed with ACCESS

- **Parentally Private Placed (PPP)**

  Students need to be reported by both agencies that are providing services

WISEdata Data Quality Portal

Goal: Provide LEAs with a set of tools to allow them to:

- Verify the data is landing in WISEdata that the vendor is sending

- Execute data quality checks and correct at the source

- **Solution? The WISEdata Portal**

Let's Jump In!

1. Navigate to WISEhome

2. Login using your WAMS or Google login information

3. Select WISEdata Portal

Confirm **Contact Information**

My Contacts→ Top-Right Corner

o **If Contacts need to be updated, please take the time to update now.**

Stay in Contact

Users can add and update WISE system contact information in WISEid and WISEdata.

- Both Primary and Secondary Contacts are required for each agency and must be updated each year. Generic contacts receive general communications from DPI. *Choice schools contact will default to previous Choice administrator starting 2021/22 school year.

- Use the Edit or Delete icons to the right of the email address to make changes or delete a contact. It's important to make sure these are up-to-date.

Join our [Google+ community](#) to connect with fellow WISEdata users and receive announcements and notifications from DPI and the WISEdata community.

WISEdata Data Portal

LEA Home Page - *Did the vendor data land?*

- Surfaces communication success/failure from the vendor tool.

- Provides status (timestamps) of data domain records, data quality validation status and raw domain record counts.

Vendor Pipeline Status

1. **Select "Home" on top-left.**

- **View Vendor Timestamp**
  - The goal is to alert you of the status of the specific vendor's communication in the last 24 hours.

Data Pipeline Status ⓘ

School Years:	☑ 2023 - 2024	☑ 2022 - 2023	☑ 2021 - 2022

Vendor(s) ⓘ

WISEdata Portal Landing Page

Red 'x' icon indicates **communication errors** (often called Level 1 validation errors)

Click on the vendor box indicating errors have occurred to see the detail.

LEA Homepage – API Transactions

If there are API errors, what data areas are impacted, and I need more information to provide to my vendor

▸ Student	POST	0	1	9/10/2019 12:55:59 PM
▸ StudentEducationOrganizationAssociation	DELETE	0	1	9/10/2019 12:54:52 PM
▸ StudentEducationOrganizationAssociation	POST	0	1	9/10/2019 12:55:55 PM
▸ StudentEducationOrganizationAssociation	PUT	0	103	9/10/2019 12:17:02 PM
▸ StudentProgramAssociation	DELETE	0	1	9/10/2019 12:54:52 PM
▸ StudentProgramAssociation	POST	0	1	9/10/2019 12:55:55 PM
▸ StudentProgramAssociation	PUT	0	1	9/10/2019 12:55:58 PM
▸ StudentSchoolAssociation	DELETE	0	1	9/10/2019 12:54:54 PM
▸ StudentSchoolAssociation	POST	0	1	9/10/2019 12:55:54 PM
▸ StudentSchoolFoodServiceProgramAssociation	DELETE	0	4	9/10/2019 10:03:53 AM
▸ StudentSchoolFoodServiceProgramAssociation	POST	6	15	9/10/2019 12:55:54 PM
▸ StudentSchoolFoodServiceProgramAssociation	PUT	0	6	9/10/2019 10:00:29 AM
▸ StudentSpecialEducationProgramAssociation	DELETE	0	1	9/10/2019 9:50:05 AM
▸ StudentSpecialEducationProgramAssociation	POST	3	3	9/10/2019 12:42:53 PM
▸ StudentSpecialEducationProgramAssociation	PUT	0	9	9/10/2019 11:01:54 AM

Vendor / WISEdata Communication Status

See an "Exclamation Mark" !

No Transactions in the Last 24 Hours

Data Pipeline Status ℹ

School Years:	☑ 2022 - 2023	☑ 2021 - 2022

Vendor(s) ℹ

☐ Include API Read (GET) transactions ℹ

2022 - 2023	PowerSchool SIS ⊗
Last request to WISEdata Api	2/23/2023 2:06:51 PM

2021 - 2022	PowerSchool SIS ℹ
Last request to WISEdata Api	12/5/2022 1:25:19 PM

Step 1

Users will see a green 'checkmark', yellow 'caution' or red 'x' depending on the last time data was received for the specific data domain.

Yellow 'caution' or red 'x' states could be the result of a problem with a vendor tool configuration or simply a process issue.

LEA Home Page – API/Portal Sync Status

STEP 2 - WISEdata Portal ⓘ

WISEdata Portal Database - Data Last Received

The goal of this section is to alert you when the data in the WISEdata Portal database is out of sync with the latest data pushed by vendor(s) to the WISEdata API database. If you see a green 'checkmark' this means the data domain is in sync between what the vendor(s) has/have sent and what is in WISEdata Portal. If you see a red 'checkmark', data isn't in sync and you need to click on the **'Queue Import & Validation'** button located in 'Step 2' or on the Validation Message page. This will pull data over to the WISEdata Portal database from the WISEdata API database and run validation rules and calculations.

Drill into to each data domain to see data record counts for each set of data areas under each domain.

Queue Import & Validation

☐ Notify me when validation is completed ⓘ   michelle.jones@dpi.wi.gov

Validation Run Status - Complete [Completed : 2/23/2023 5:47:03 PM]

Validation Last Run - 2/23/2023 5:47:03 PM (VALIDATION YEAR = 2022-2023)

2022 - 2023	Enrollment ✓	Program ✓	Discipline ✓	Roster ✓	Parent ✗
Data Last Received	2/23/2023 11:59:51 AM	2/23/2023 12:16:46 PM	2/23/2023 12:38:50 PM	2/23/2023 2:03:49 PM	2/23/2023 3:36:49 PM
2021 - 2022	Enrollment ✓	Program ✓	Discipline ✓	Roster ✓	Parent ✗
Data Last Received	2/24/2023 1:05:38 AM	2/7/2023 11:31:50 AM	10/27/2022 1:09:19 AM	2/7/2023 11:31:50 AM	2/23/2023 3:36:49 PM

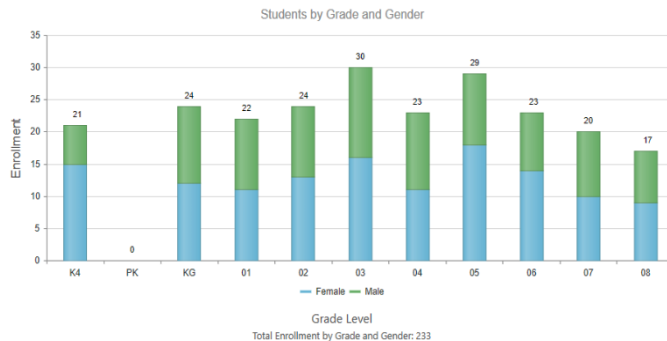Did the data my vendor successfully send make it to the Data Quality Portal yet? If red hit orange button

WISEdata Portal Features

Data Quality Indicators

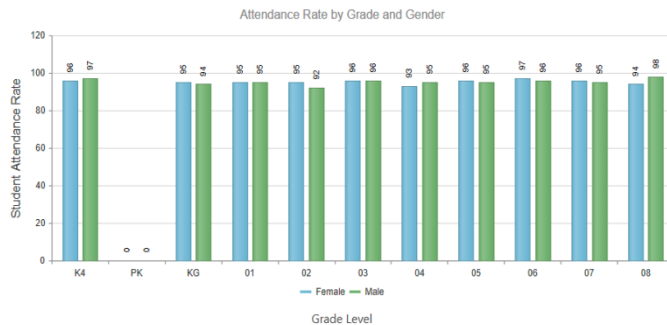Use Data Quality Indicators and Exports to verify if data is correct WISEdata Portal.
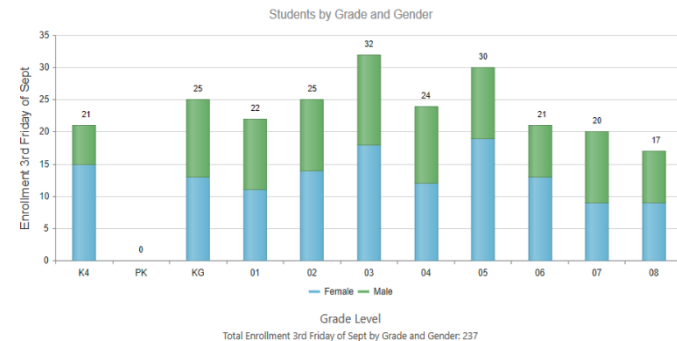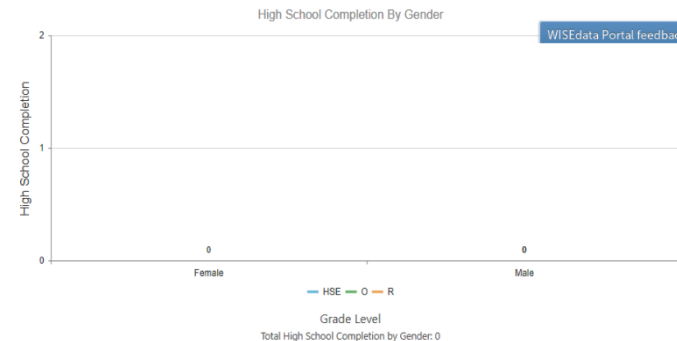
Student Details Features

WISEdata Data Quality Portal: Exports

Exports

- Allow users to slice the data in various ways.

- Allow mass exports of most prominent data including the Mass Enrollment Export and Validation Message Export.

Exports

School Year	School Type	Schools ❌
2022 - 2023 ▼	All School Types ▼	All Schools

Collection

Show All ▼   Reset

Exports ⌄

Category Type ↑	Export Type ↑	Description	Code	Code
All Enrollment	Mass Enrollment Export	All student enrollments	Download	Definitions
All Enrollment	Pupil Count Mass Export	All pupil count enrollments	Download	Definitions
Attendance - YE	Attendance - YE	Attendance data for primary enrollments	Download	Definitions
Enrollment - 3rd Friday September	Enrollment - 3rd Friday September	Student enrollment records submitted by your district that cover the 3rd Friday of September.	Download	Definitions
High School Completion	High School Completion	Student enrollment records exited as high school completion with academic record submitted	Download	Definitions
Programs	Student School Food Service Program Associations	Student School Food Service Program Associations with at least one association existing for each student enrollment. The program association includes an indication of whether or not the student receives full-priced, reduced-priced, or free lunch under the National School Lunch Program (NSLP) or has an unknown eligibility status. This must be reported for all students regardless of whether or not the school participates in the NSLP.	Download	Definitions
Student Demographics	Student Characteristics	Demographic data for enrolled students	Download	Definitions
Validation Message	Validation Message - Demographics, Enrollment and Academic record	This export shows the validation message code and additional details required to troubleshoot the errors and warnings that fall under demographics, enrollment, year-end, attendance and high school completion. If the rule only requires enrollment information to fix the error this export will only include details for those enrollment columns. If the error or warning may be resolved by changing either enrollment or demographics information, then this export includes details for both the enrollment and demographics related columns	Download	Definitions
Validation Message	Validation Messages	This export includes all validation messages that currently exist for the selected school year.	Download	Definitions

Validation Knowledge Base Articles

You can click the KBA links that follow the validation error or warning listed in the WISEdata Portal (click the info icon) to learn more about the issue and how to correct it.

Find More Info on Errors & Warnings

Knowledge Base articles (KBA) provide information on common topics, answers to questions, and solution suggestions for validations.

You can search the Knowledge Base Article database directly.

https://crmportal.dpi.wi.gov/articles

Closing the School Year in WISEdata

- Exit date should reflect last day of receiving educational services unless your school has a specific policy regarding exit date.

- Exit Type entered into SIS

- High School graduates require credential type of a regular diploma entered into SIS

- Exit Code Decision Process

Exit Types: TC

TC	Transfer to Another WI school covered by WISEdata	Transfer to another WI school covered by WISEdata or continuing in the same school. Known to be continuing.

A school covered by WISEdata includes:

- a Choice school opted into the All-School Report Card,

- a Choice participant transferring to a school opted out of the All-School Report Card, or a public school.

Known to be Continuing

Transfer Confirmation: To confirm that a student transferred out, the school or district must have official written documentation that the student enrolled in another school or in an educational program that culminates in the award of a regular high school diploma. (34 C.F.R. §200.19(b)(1)(ii)(B)(1))

Exit Types: TNC

TNC	Transfer to a WI school not covered by WISEdata.	Transfer to a WI school not covered by WISEdata. Known to be continuing.

TNC should be used when a student is transferring within WI:

- to home-schooling,

- to a private school not participating in the Choice program, or

- as a non-Choice participant to a Choice school not opted into the All-Schools Report Card.

Exit Types: ETC

ETC	Expected transfer/promotion to a new school covered by WISEdata.	Expected transfer/promotion to a new school covered by WISEdata. Not known to be continuing.

Take care to limit the use of ETC to only students for whom you have evidence of the transfer.   Refer to the ODO slide later in the presentation for information on exiting a student when there is no evidence of transfer.

Exit Types: HSC

HSC	High School Completion	High School Completion

Use this exit type if the student earned a high school completion credential on or before the exit date. This exit type requires that your district submit a high school completion credential type.

Value	Description
R	Regular diploma
O	Other diploma
HSE	High school equivalency credential, other than GED

Credential Type (Diploma Type) refers to the kind of completion certificate the student attained after completing high school. Credential/Diploma type is expected only for students who complete high school.

Exit Types: MA and BCA

MA	Reached Maximum Age for Services	Reached Maximum Age for Services

Exiting with MA should be used only for Students with Disabilities who continues through age 21 and will not receive a high school completion credential.

BCA	Below Compulsory Age	Below Compulsory Age

This exit type applies if a student was under the compulsory age for attendance, six, on the school exit date.

Exit Types: CE

CE	Compassion Exit	Compassion Exit

Starting with the 2022-23 school year, DPI will begin collecting Compassion Exit (CE) as an Exit Withdraw Type Descriptor. The new Exit Type and validation rules apply to sensitive, extenuating cases limited to when a student is:

1. abducted and presumed dead,
2. terminally ill and no longer able to receive education services,
3. removed to an unknown location by ICE, or
4. unable to receive education services for the remainder of the school year due to mental health or addiction treatment and is expected to return during the next school year.

Exit Types: ISM and TOS

ISM	Inter-State Move	Inter-State Move. Not known to be continuing.

Use this exit type if a student is known to have moved to another state within the country and is not known to be continuing.

TOS	Transfer Out-of-State	Transfer Out-of-State. Known to be continuing.

Use this exit type if a student moved out-of-state or out-of-country, and you have official written documentation (e.g., a records request) that the student is continuing in an educational program.

Exit Types: ODO

ODO	Other, Dropout, or Possible Dropout	Other, Dropout, or Possible Dropout

ODO: Use this exit type if the student is a known dropout or if the student is not known to be continuing in an educational program and no other exit type applies.

- If you expected one of your students to transfer to another district but the student never ended up enrolling at that district or any other district, then you should enter ODO for the student's exit type. Even if you sent records in preparation for the transfer, if the subsequent school never enrolled the student, the student remains your responsibility. You will need to investigate the student's whereabouts. If after investigation, you find the student is no longer enrolled anywhere, submit ODO.

Accessing WISEdash Extracts

WISEdata users at Choice schools can access WISEdash Extracts in WISEdata Portal. To do so:

1. Log in to WISEdata Portal through the [WISEhome](#).

2. Under the Agency header, go to Exports.

3. Download the extract you want to see under the WISEdash Extracts section.

WISEdash Extracts are intended to help Choice schools access graduation and dropout rate information normally available only in WISEdash for Districts. WISEdash Extracts work similarly to normal WISEdata Portal exports and allow Choice schools to download reports that they can use to track graduation cohorts and calculate graduation, high school completion, and dropout rates.

Extract Name	Description
Graduation & HS Completion Rate	This report shows students included in the numerator and denominator of the Graduation Rate (Regular Diploma) and High School Completion Rate.
Graduate Future Cohorts	This report shows the cohort for high school completion in which a student is placed based on grade level and school year of their first entry into high school.
Dropout Rate	This report shows students included in the numerator and denominator of the annual dropout rate.
Absenteeism	This report shows students' status regarding chronic absenteeism under the Wisconsin state definition.
Enrollment Certified Economic Data Change	This report lists students included in the certified Third Friday of September enrollment who were affected by the Statewide 2020-21 TFS Enrollment Economic Status Data.

1. Using the data quality indicators' "Enrollments", I can only see 18 3rd graders, when I have 20 in attendance.

    a. What tools should we use to find out what students we are missing?

2. I do not see any information populated for the data quality indicator "Enrollment- Students by Economic Status".

    a. What tools can I use to verify if this information is being received?

3. You are experiencing Error 6469 due to overlapping enrollment. You look at the student details to find that a student that is receiving speech services is marked as "Primary Enrollment" at both the Choice school and public school.

     a.   What do you do?

Helpful Resources

- [WISEdata Help](): links to WISE help pages and useful resources
- [Data Elements](): list of links to all WISEdata data elements and their descriptions, uses, and codes
- [Knowledge Base articles](): useful articles on validations and other related topics
- [Info for Schools](): basics of getting started with WISEid
- [Google+ Community](): WISEdata community to view and post questions and comments to fellow users
- [WISEdata Events Calendar](): View deadlines, trainings, webinars, etc.

Reporting Deadlines and Snapshots

See the WISEdata Events page for the most up-to-date information.

- **Summer Data Quality Review - August 2023**
  - 2022-23 Year End Attendance & Completion

- **November 2023 - 6 weeks prior to snapshot**
  - DPI Data Quality outreach begins

- **Tuesday, December 5, 2023, Snapshot**
  - 2022-23 Year End Attendance & Completion
  - 2023-24 Third Friday of September Enrollment
  - 2023-24 Graduation Requirements
  - 2023-24 Digital Equity Data (recommended, not required)

- **Tuesday, May 23, 2023, Snapshot**
  - 2022-23 Spring Demographics

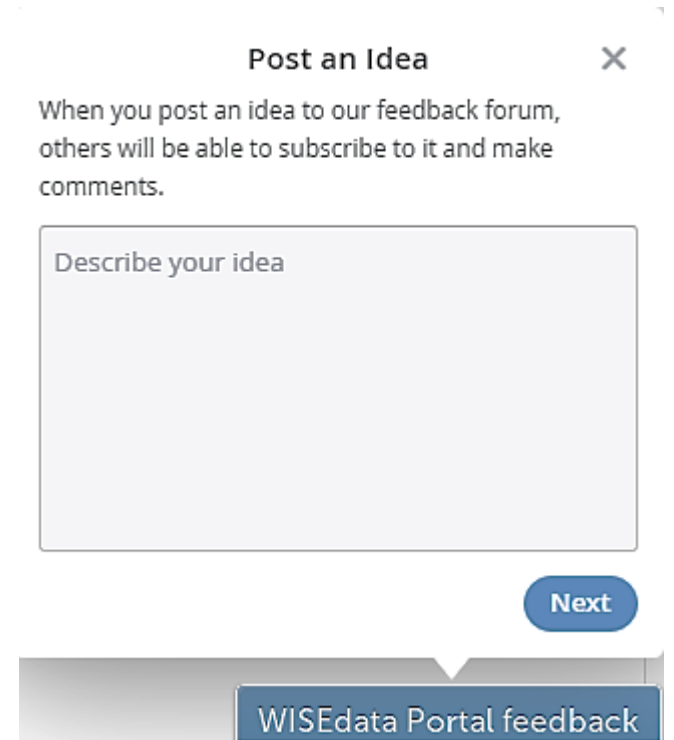# Getting Help

- **WISEsecure, WISEhome, WAMS Help Ticket**

  https://dpi.wi.gov/wise/wisehome-info

- **WISE Help Ticket for WISEdata Questions**

  https://dpi.wi.gov/wisedata/help/request

Giving Feedback

Within most DPI applications you can:

1. Provide feedback directly

2. Enter a new suggestion

3. and Vote on suggestions made by other people

Thank you!