

Wisconsin Department of

Revenue

Annual W-2, 1099-R, 1099-MISC & W-2G Electronic Reporting

Includes information on:

- **Annual Reconciliation of Wisconsin Tax Withheld (WT-7)**
- **Electronic Specifications for Filing Wage and Information Returns**

TABLE OF CONTENTS

	Page
1. SPECIAL NOTICE	3
2. WHAT'S NEW	4
3. REMINDERS	4
4. FILING TIPS.....	4
5. COMMON QUESTIONS.....	5
A. When are wage and information returns due to the department?.....	5
B. Is a transmittal letter required with my file?	5
C. Is a test file required?	5
D. Do I need to request authorization to transfer my file?	5
E. What do I name my file?.....	5
F. How will I know the department received my file?	5
G. Do I need to file an annual reconciliation (WT-7)?	5
H. What information is reflected on the WT-7?.....	6
I. Does Wisconsin participate in Combined Reporting?	6
6. ANNUAL RECONCILIATION OF WISCONSIN INCOME TAX WITHHELD.....	6
7. W-2 REPORTING	7
8. COMMON ERRORS WHEN REPORTING W-2 DATA IN EFW2 FORMAT	14
9. W-2 XML SCHEMA.....	16
10. 1099-R, 1099-MISC, W-2G AND OTHER INFORMATION RETURN REPORTING	17
11. COMMON ERRORS WHEN REPORTING 1099-R, 1099-MISC, W-2G AND OTHER INFORMATION RETURNS.....	18
12. 1099 XML SCHEMA.....	19

1. SPECIAL NOTICE

Employers and other payers doing business in Wisconsin, must file wage statements and information returns with the Wisconsin Department of Revenue for certain payments made in 2019 (see [Publication 117](#)). This includes (1) payments made to Wisconsin residents, regardless of where services were performed, and (2) payments made to nonresidents for services performed in Wisconsin.

If you file 10 or more wage statements or information returns with the department, you must file electronically. If you file fewer than 10 wage or information returns, we encourage you to file electronically. Filing Options Include:

- My Tax Account [https://tap.revenue.wi.gov/mta/ /](https://tap.revenue.wi.gov/mta/)
- Data File Transfer <https://www.revenue.wi.gov/pages/onlineservices/w-2.aspx>

This publication contains the specifications and instructions for reporting state wages, withholding and information other than wages to the Wisconsin Department of Revenue electronically.

For the Data File Transfer, **we accept** the following files.

- A. W-2 files in EFW2 Social Security Administration format
- B. 1099-R, 1099-MISC and W-2G files in Internal Revenue Service format

For the Data File Transfer, **we do not accept** other types of files (for example, PDFs scanned or created with any other software product). We also do not accept:

- CD-ROMs
- Cartridges
- PDF files created at SSA website
- Flash drives
- Floppy disks
- Magnetic media

The specifications and record formats in this publication should be used for **Tax Year 2019** reporting and for filing prior year, current year and corrected (EFW2 and 1099/W-2G) files. These specifications and record formats are designed to be compatible with the formats in:

- [Social Security Administration Publication No. 42-007, EFW2 Tax Year 2019](#) – Use for W-2 files in EFW2 format. Any reference within this publication to the SSA specification is in *italics*. Records/files are designed so that copies of the SSA file may be sent to Wisconsin as long as the state information, known as the 'RS' records are included.
- [IRS Publication 1220, Tax Year 2019](#) – Use for 1099-R, 1099-MISC and W-2G files. All references made to the IRS specifications refer to Publication 1220.

Caution:

- Sections 7, 8, and 9 of this publication refer to the annual reporting of W-2 information to the Wisconsin Department of Revenue and should not be confused with quarterly wage reporting for unemployment (Department of Workforce Development) purposes. Sections 10, 11, and 12 of this publication refer to annual 1099-MISC, 1099-R and W-2G reporting.
- Reciprocity agreements with other states affect [W-2 preparation](#). General Wisconsin wage and information reporting requirements are included in [Publication 117, Guide to Wisconsin Wage Statements and Information Returns](#).

Questions? Contact us at (608) 266-2776 or DORW2DataQuestions@wisconsin.gov.

2. WHAT'S NEW

- **W2 record layout clarification:** State codes must be included in two different field positions. First, state code positions 3-4 of the RS record. This is the state code where the state income should be reported. Second, state code positions 274-275 of the RS record. This is the state code where the state income tax should be reported. See page 7 and 8.
- An employer must use the same Wisconsin withholding tax account number (TAN) across all W-2s it files with Wisconsin.
- Employers who did not withhold, are not required to withhold, and never held a Wisconsin withholding TAN must use the generic TAN which is 03688888888801.
- An employer cannot use the generic TAN if any Wisconsin withholding is reported.
- If an employer tries to file wage statements, information returns, WT-6s, or WT-7s via XML using software that has not been approved by the department, a rejection message will be sent: "return not from certified vendor."

3. REMINDERS

For payments made in 2019:

- Beginning January 1, 2019, employers filing quarterly, monthly, or semi-monthly cannot submit an annual reconciliation of Wisconsin tax withheld (WT-7) until all withholding deposit reports (WT-6) have been filed. The filer will get a rejection or error message if (1) the total withholding tax reported on the annual reconciliation is more than the total tax reported on the withholding deposit reports or (2) one or more withholding deposits have not been filed. Withholding deposits can be in pending status with a future payment date. This requirement should reduce the number of penalties imposed on the annual reconciliation and reduce appeals (see [Wisconsin Tax Bulletin #203](#)).
- 1099, W-2G record layout - new field position for state code. State code must be included in field position 683-684 of Payee "B" Record. Previously the state code was included in field position 747-748 of Payee "B" Record. See page 17.
- If you withheld Wisconsin income tax, you must file an annual withholding tax reconciliation (WT-7).
- Employers and other payers required to file 10 or more W-2s or 10 or more of any one type of information return with the department must file such returns electronically.
- All W-2s and information returns required to be filed with the department are due January 31.
- Employers may request a 30-day extension for filing W-2s and 1099s with the department.
- The department may not issue a refund to an employed individual before March 1, unless both the individual and the individual's employer have filed all required returns and forms with the department.

See [Publication 117](#), *Filing Wisconsin Wage Statements and Information Returns*, for more information.

4. FILING TIPS

A. Include All of the Following:

- **Wisconsin withholding tax account number (TAN).** Each wage and information return reportable to Wisconsin must include the employer or payer's Wisconsin withholding TAN (use 03688888888801 if the employer or payer did not withhold Wisconsin tax, was not required to withhold **and** never held a Wisconsin withholding TAN).



- **Full taxpayer identification number.** Do not truncate the employees' SSNs on Form W-2. A filer may not truncate a payee's identification number on any forms filed with the IRS or with state or local governments. A filer's identification number may not be truncated on any form.
- **"RT" record** for W-2 files in EFW2 format.
- **Wisconsin state code is 55** in RS records (EFW2 file) and Payee "B" records (IRS formatted file) that are reportable to Wisconsin.
- **A state code** in field position 683-684 of 1099 Payee "B" record.

B. Before Filing:

- **Verify employer/payer information.** Use our account look-up to verify the payer's federal employer identification number (FEIN), legal name and 15-digit Wisconsin withholding tax number. This information must match our records. [https://tap.revenue.wi.gov/wtn/ /](https://tap.revenue.wi.gov/wtn/)
- **Preparers.** Use our withholding data exchange to verify your data before sending your file. If your client's FEIN, 15-digit Wisconsin withholding tax number and legal name do not match our records, your file will be rejected. <https://www.revenue.wi.gov/Pages/HTML/dataexchange.aspx>
- **Send a test file first.** See page 5. We issue a 13-digit receipt number for test and non-test files.

5. COMMON QUESTIONS

A. When are wage and information returns due to the department?

Wage statements and information returns have the same due date as the annual reconciliation (WT-7), January 31, 2020. See [Publication 117](#), *Guide to Wisconsin Wage Statements and Information Returns* for the most current information.

B. Is a transmittal letter required with my file?

No. Do not include a transmittal letter.

C. Is a test file required?

No. Sending a test file is not required, however we recommend doing so. Test files using current specifications may be sent through our website at revenue.wi.gov/pages/onlineservices/w-2.aspx. Test files are immediately validated.

D. Do I need to request authorization to transfer my file?

No. Follow the directions at revenue.wi.gov/pages/onlineservices/w-2.aspx. No password or user ID required.

E. What do I name my file?

Wisconsin does not have special file naming requirements.

F. How will I know the department received my file?

You will receive a 13-digit receipt number. If there are errors or problems with your data, your file will be rejected and you will receive an error message. You will need to correct the error and resubmit your file.

G. Do I need to file an annual reconciliation (WT-7)?

If you withheld Wisconsin income tax, or hold an active Wisconsin withholding tax number, in addition to filing wage and information returns, you must file an annual reconciliation on or by January 31, 2020. If your withholding account is closed prior to December 31, your reconciliation and supporting wage and information returns are **due to the department within 30 days of the account cease date**.

H. What information is reflected on the WT-7?

The annual reconciliation reflects Wisconsin income tax withheld from wages and other payments reportable to Wisconsin.

Important – Include on the reconciliation the total number of W-2s reportable to Wisconsin. This includes W-2s mailed to us with "WI" in W-2 box 15 and electronically filed W-2s with "55" in the state code field. Only include information returns (e.g., 1099, W-2G) with Wisconsin withholding on the reconciliation.

I. Does Wisconsin participate in Combined Reporting?

Currently there is not a Combined Reporting program in place for reporting W-2 information to both the Social Security Administration and Wisconsin Department of Revenue.

Persons that file 1099s for Wisconsin payees to the IRS as part of the Combined Federal/State filing program must file those 1099s with the Department of Revenue if Wisconsin tax is withheld. For specific Federal/State Combined Reporting requirements, refer to IRS Publication 1220.

6. ANNUAL RECONCILIATION OF WISCONSIN INCOME TAX WITHHELD

Every employer or other payer withholding Wisconsin income tax from payments made in 2019 must file an annual reconciliation of Wisconsin income tax withheld (WT-7). Electronic filing options include:

- [My Tax Account](#) – Our free online filing and payment system.
- [Telefile](#) – Enter your annual reconciliation using a touch tone phone.
- [e-File Transmission](#) – This option is used to transmit the WT-7 data in an electronic file over the Internet. It is intended for employers who (1) create an XML document to our specifications or (2) purchase commercial software that provides this service.

Caution:

- We do not support electronic filing of PDF versions of the WT-7.
- Do not use 0368888888801 for filing the annual reconciliation.
- Persons who were not required to withhold (and did not withhold) Wisconsin income tax from payments made in 2019, should not file an annual reconciliation if they did not have an active Wisconsin withholding tax account for any part of 2019.

To inactivate your Wisconsin withholding tax account, please contact us at (608) 266-2776.

Error Messages (WT-7 e-File Transmission)	
Message	Issue
Invalid Return	Line 4 cannot be zero when reporting W2s/1099s and withholding payments have been previously filed.
Invalid WT-7 Return	WT-7 is reporting more WT-6/EFT payments claimed than our records indicate have been submitted.



7. W-2 REPORTING

We accept W-2 files at revenue.wi.gov/pages/onlineservices/w-2.aspx:

W-2 Files in EFW2 Format

This method allows the employer or transmitter to send us W-2 files in the Social Security Administration's EFW2 format. Basic requirements and format are available at ssa.gov/employer/efw/19efw2.pdf. Your file must be formatted based on these specifications. See Record Layout below for detailed Wisconsin Department of Revenue requirements. Transmit your file to us at revenue.wi.gov/pages/onlineservices/w-2.aspx.

Record Layout for W-2 Data in EFW2 Format

Basic requirements and format are available at ssa.gov/employer/efw/19efw2.pdf. Your file must be formatted based on these specifications, including completed name and address fields with numeric fields being zero filled and not blank.

The information below details Wisconsin Department of Revenue requirements. Data must be recorded in ASCII character sets.

W-2 Data Record Type	Record Description	Record Positions	Specific Instructions for W-2's
RA	Submitter Record	1-512	REQUIRED. Follow SSA specifications
RE	Employer Record	1-512	REQUIRED. Follow SSA specifications
RW	Employee Wage Record	1-512	REQUIRED. Follow SSA specifications
RO	Employee Wage Record	1-512	OPTIONAL. If submitted, follow SSA specifications
RS	Supplemental Record	1-512	REQUIRED. Details follow: Also, see note at the bottom of the RS record
RS	Record Identifier	1-2	Record identifier constant 'RS'
	State Code	3-4	Enter state code where state income should be reported, e.g. 55 for WI, 27 for MN, 17 for IL, etc.
	Taxing Entity Code	5-9	Leave blank
	Social Security Number (SSN)	10-18	Enter the employee's social security number
RS	Employee First Name	19-33	Enter the employee's first name. Left justify and fill with blanks.
RS	Employee Middle Name or Initial	34-48	If applicable, enter the employee's middle name or initial. Left justify and fill with blanks.
	Employee Last Name	49-68	Enter the employee's last name. Left justify and fill with blanks.
	Suffix	69-72	If applicable, enter the employee's alphabetic suffix. Left justify and fill with blanks.

W-2 Data Record Type	Record Description	Record Positions	Specific Instructions for W-2's
	Location Address	73-94	Enter the employee's location Address (Attention, Suite, Room Number, etc.) Left justify and fill with blanks.
	Delivery Address	95-116	Enter the employee's delivery address. Left justify and fill with blanks.
	City	117-138	Enter the employee's city. Left justify and fill with blanks.
	State Abbreviation	139-140	Enter the employee's state. Use a postal abbreviation. For a foreign address, fill with blanks.
	Zip Code	141-145	Enter the employee's zip code. For a foreign address, fill with blanks.
	Zip Code Extension	146-149	Enter the employee's four-digit extension of the zip code. If not applicable, fill with blanks.
	Blank	150-154	Fill with blanks. Reserved for SSA use.
	Foreign State/Province	155-177	If applicable, enter the employee's foreign state/province. Left justify and fill with blanks. Otherwise, fill with blanks.
	Foreign Postal Code	178-192	If applicable, enter the employee's foreign Postal code. Left justify and fill with blanks. Otherwise, fill with blanks.
	Country Code	193-194	Follow the SSA specifications.
LOCATIONS 195 TO 247 APPLY TO UNEMPLOYMENT REPORTING			
Note: For the purpose of annual reporting of W-2 information to the State of Wisconsin, fields requiring unemployment data are not required and can be left blank or zero filled.			
	State Employer Account Number	248-267	Enter 15-digit WISCONSIN WITHHOLDING TAX NUMBER* (or state employer account number for other state shown in position 274-275). Left justify and fill with blanks.
*If the employer never held a Wisconsin withholding tax number because they were not required to withhold (for example made payments exempt from withholding) and did not withhold, use 03688888888801.			
	Blank	268-273	Fill with blanks for SSA use.
	State Code	274-275	Enter state code where state income tax should be reported (e.g. 55 for WI, 27 for MN, 17 for IL, etc.).
RS	State Taxable Wages	276-286	Taxable wages for Wisconsin (or other state shown in position 274-275). Include dollars and cents. Right justify and zero fill.
RS	State Income Tax Withheld	287-297	Wisconsin income tax withheld (or income tax withheld for other state shown in position 274-275). Include dollars and cents. Right justify and zero fill.
	Blank	298-337	These positions are not used for annual W-2 information. Fill with blanks.
	Supplemental Data 1	338-412	To be defined by user.
	Supplemental Data 2	413-487	To be defined by users.
RS	Blank	488-512	Fill with blanks. Reserved for SSA use.
RT	Total Record	1-512	REQUIRED. Details follow.

W-2 Data Record Type	Record Description	Record Positions	Specific Instructions for W-2's
RT	Number of RW Records	3-9	Enter the total number of Employee Records (RW) reported since the last Employer Record (RE). Right justify and zero fill.
Note: When filing the 'RT' record there are no defined fields for Wisconsin totals, only federal totals. This is acceptable.			
RU	Total Record	1-512	OPTIONAL. This record is required only if there is an RO record in the file. If submitted, follow SSA specifications.
RV	State Total Record	1-512	OPTIONAL. This record is not used by the state of Wisconsin. If submitted, follow SSA specifications.
RF	FINAL RECORD	1-512	REQUIRED.*
RF	Number of RW Records	8-16	Enter the total number of RW Records reported on the entire file. Right justify and zero fill.
* This record indicates the end of the file. It must be the last data record on the file, appearing only once. No data gets processed after the code RF record.			
Note: When filing the 'RF' record there are no defined fields for Wisconsin totals, only federal totals. This is acceptable.			

Examples:

1. A Wisconsin resident earns \$50,000, working for the same employer, 50% of the time in Wisconsin and 50% of the time in Iowa. \$3,100 taken out for state income tax for Wisconsin and \$1,500 taken out for state income tax for Iowa.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$50,000	\$3,100
19 (IA)	XXXXXXX	\$25,000	\$1,500

Notes:

- Wages earned by a Wisconsin resident are reportable to Wisconsin regardless of where services are performed.
- Wisconsin does not have a reciprocity agreement with Iowa.
- * Box 15 of paper W2, enter state abbreviation.

2. A Wisconsin resident earns \$50,000 for services performed in Iowa. \$3,100 taken out for state income tax for Wisconsin and \$3,100 taken out for state income tax for Iowa.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$50,000	\$3,100
19 (IA)	XXXXXXX	\$50,000	\$3,100

Notes:

- Wages earned by a Wisconsin resident are reported to Wisconsin regardless of where services are performed.
 - Wisconsin does not have a reciprocity agreement with Iowa.
 - * Box 15 of paper W2, enter state abbreviation.
3. A nonresident (resident of Iowa) earns \$50,000 for services performed in Wisconsin. \$3,100 taken out for state income tax for Wisconsin and \$3,100 taken out for state income tax for Iowa.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$50,000	\$3,100
19 (IA)	XXXXXXX	\$50,000	\$3,100

Notes:

- Nonresident wages, for services performed in Wisconsin, are reported to Wisconsin.
- * Box 15 of paper W2, enter state abbreviation.

4. A nonresident (resident of Illinois) earns \$50,000 for services performed in Wisconsin. \$3,100 taken out for state income tax for Illinois.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$0	\$0
17 (IL)	XXXXXXX	\$50,000	\$3,100

Notes:

- Wisconsin has a [reciprocity agreement](#) in place with Illinois.
 - The nonresident notified the employer, using WI [Form W-220](#), that he or she is a legal resident of Illinois.
 - The employer is required to submit a copy of the W-2 to the department even though Box 16 does not show any taxable wages subject to Wisconsin withholding.
 - * Box 15 of paper W2, enter state abbreviation.
5. An Illinois resident earns \$10,000 for services performed in Illinois from January through March. The individual transfers to his employer's Wisconsin office, becomes a Wisconsin resident, and earns \$40,000 for services performed in Wisconsin from April through December. \$2,500 taken out for state income tax for Wisconsin and \$650 taken out for state income tax for Illinois.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$40,000	\$2,500
17 (IL)	XXXXXXX	\$10,000	\$650

Notes:

- For Wisconsin purposes, the individual will file a part-year income tax return, Form 1NPR, reporting wages earned for services performed in Wisconsin.
- * Box 15 of paper W2, enter state abbreviation.

6. A Wisconsin resident earns \$30,000 for services performed in Iowa from January through June. The individual moves to Iowa, becomes an Iowa resident and earns \$35,000 from July through December. \$2,000 taken out for state income tax for Wisconsin and \$4,000 taken out for state income tax for Iowa.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$30,000	\$2,000
19 (IA)	XXXXXXX	\$65,000	\$4,000

Notes:

- Wages earned by a Wisconsin resident are reported to Wisconsin regardless of where services are performed.
 - Wisconsin does not have a reciprocity agreement with Iowa.
 - * Box 15 of paper W2, enter state abbreviation.
7. A Wisconsin resident earns \$30,000 for services performed in Illinois from January through June. The individual moves to Illinois, becomes an Illinois resident and earns \$35,000 for services performed in Illinois from July through December. \$2,000 taken out for state income tax for Wisconsin and \$2,250 taken out for state income tax for Illinois.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$30,000	\$2,000
17 (IL)	XXXXXXX	\$35,000	\$2,250

Notes:

- Wages earned by a Wisconsin resident are reported to Wisconsin regardless of where services are performed.
- Wisconsin has a reciprocity agreement with Illinois.
- For Wisconsin purposes, the individual will file a part-year income tax return, Form 1NPR, reporting wages earned as a Wisconsin resident.
- * Box 15 of paper W2, enter state abbreviation.

8. An Illinois resident earns \$20,000 for services performed in Illinois from January through March. The individual moves to Wisconsin and becomes a Wisconsin resident. The individual continues to work in Illinois and earns \$40,000 for services performed in Illinois from April through December. \$2,500 taken out for state income tax for Wisconsin and \$1,000 taken out for state income tax for Illinois.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$40,000	\$2,500
17 (IL)	XXXXXXX	\$20,000	\$1,000

Notes:

- Wages earned by a Wisconsin resident are reported to Wisconsin regardless of where services are performed.
 - For Wisconsin purposes, the individual will file a part-year income tax return, Form 1NPR, reporting wages earned as a Wisconsin resident.
 - Wisconsin has a reciprocity agreement with Illinois.
 - * Box 15 of paper W2, enter state abbreviation
9. A Wisconsin resident earns \$50,000 for services performed in Minnesota. \$3,100 taken out for state income tax for Wisconsin and \$3,100 taken out for state income tax for Minnesota.

Box 15 State Code *	Employer's State ID Number	Box 16 State wages	Box 17 State Income Tax
RS Record Position 274-275	RS Record Position 248-267	RS Record Position 276-286	RS Record Position 287-297
State Code Element Name StateCd2.	Element Name StateEmployerAccountNum.	Element Name StateTaxableWages.	Element Name StateIncomeTax
55 (WI)	XXXXXXXXXXXXXXXXXX	\$50,000	\$3,100
27 (MN)	XXXXXXX	\$50,000	\$3,100

Notes:

- Wages earned by a Wisconsin resident are reported to Wisconsin regardless of where services are performed.
- Wisconsin does not have a reciprocity agreement with Minnesota.
- A [special withholding arrangement](#) is authorized for employers of Wisconsin residents working in Minnesota.
- * Box 15 of paper W2, enter state abbreviation

8. COMMON ERRORS WHEN REPORTING W-2 DATA IN EFW2 FORMAT

In order to avoid some of the more common errors that may cause your file to be rejected at our website, please verify:

- Your FEIN, 15-digit Wisconsin withholding tax number, and legal name. They must match our records.
- A generic Wisconsin tax number 03688888888801 cannot be used if Wisconsin withholding is reported.
- Employee social security number, name and address, including zip code, are in the proper format for each employee in both the RW and RS record files.
- Tax year is correct (reflects the year in which payments were made). The tax year is found on the "RE" record.
- Record lengths are 512 bytes long. Watch for extra carriage return or line feed characters at the end of the report.
- All money amounts are dollar and cents and should be right justified and zero filled. No negative amounts or special characters.
- The state codes in positions 3 and 274 in the "RS" record are both required fields. Position 3 must include the state code where state income should be reported. Position 274 must include the state code where the state income tax withheld should be reported.
- The "RS" record is required if reporting Wisconsin information. At least one record in each EFW2 file must have state code 55 for Wisconsin included in the "RS" record or records for the file to be uploaded successfully. We will accept EFW2 files that include other states' information to be reported in the same file, however, those records must be coded appropriately.
- You have an "RF" record. This is the final record on your file and is also required by Wisconsin.
- You have NOT reported 1099 data and W-2 data together in the same file. These forms have different file layouts and reporting requirements.

Error Messages (W-2 Files in EFW2 Format)	
Message	Issue
Invalid record	Invalid record identifier on the input record. Valid identifiers are: RA, RE, RW, RO, RS, RT, RU, RV, RF. The RF record is missing.
Invalid state code	Not a valid state code on state wage record. State codes must be numeric; between 01 and 56.
Invalid employer name	Employer field name cannot be blank. Must match our records.
Invalid employer address	Employer address cannot be blank.
Invalid employer city	Employer city field cannot be blank.
Invalid employer state field	Employer state field cannot be blank or space unless this is a foreign address. If this is a foreign address, the foreign postal code and country code fields must be filled in instead.
Invalid zip code	Employer zip code cannot be blank.
Invalid FEIN	FEIN does not match our records.

Error Messages (W-2 Files in EFW2 Format)	
Message	Issue
Missing employee record	Missing federal wage information – employee RW record.
Missing employer record	Missing employer RE record.
Invalid employee SSN	Employee Social Security Number is invalid. Must be all numbers and contain no dashes.
Invalid employee first name	Employee first name cannot be blank.
Invalid employee last name	Employee last name cannot be blank.
Invalid employee address	Employee address cannot be blank.
Invalid employee city	Employee city cannot be blank or spaces unless this is a foreign address. If it is a foreign address, you must fill in the foreign state/province field instead.
Invalid employee state	Employee state cannot be blank or spaces unless this is a foreign address. If it is a foreign address, the country code field must be filled in instead.
Invalid employee zip	Employee zip code must be numeric unless this is a foreign address. If this is a foreign address, you must put spaces in the zip code field and fill in the foreign postal code field instead.
Invalid WI withholding #	Account number does not match our records. Must be 15 digits.
Invalid employee wages	Employee wages must be numeric and cannot contain spaces or special characters (\$,.).
Invalid employee tax	Employee tax must be numeric cannot contain spaces or special characters (\$,.).
Invalid FEIN	A FEIN must be numeric and cannot be all 0's or 9's.
Invalid tax year	Payment year mismatch. Verify format (YYYY) and file type selected from drop down box.
Invalid tax blank field	Field(s) should contain only spaces.
Invalid numeric field	Field(s) must be numeric or zero filled.
Record out of sequence	A record is out of sequence or not an appropriate record type. Valid sequence for required records: RA, RE, RW, RS, RF. Valid sequence for required and optional records: RA, RE, RW, RO, RS, RT, RU, RV, RF.
RO/RU record	An RO record must have an RU record. Conversely, an RU record must have an RO record.
Missing State Code	State codes required in both positions 3-4 and positions 274-275 of the RS Record. See Publication 172 for more details.
Invalid WI Withholding Tax Account number	Employers are required to have a Wisconsin Withholding Tax account number if withholding Wisconsin taxes from W-2s and/or 1099s. Contact customer service at 608-266-2776

If you are receiving error messages that are not listed in the common errors above, or have reviewed and corrected the errors but are still receiving an error message, please contact the Wisconsin Department of Revenue at (608) 266-2776 or email DORW2DataQuestions@wisconsin.gov. A Department of Revenue representative may advise you to use a file share program by the name of WinSCP. WinSCP is a Department of Revenue approved

software. Visit wincsp.net/eng/download.php to download WinSCP; only download the software if you have been instructed by a Wisconsin Department of Revenue representative.

9. W-2 XML SCHEMA

The Wisconsin Department of Revenue is accepting W-2 data using XML schema. It offers employers and third parties the opportunity to send W-2 data in XML format rather than EFW2 format. Standards are set by state and industry partners.

Error Messages (XML W-2 Reject Messages)	
Rejection Prefix	Rejection Message Text
W2-001	Missing employer RE record.
W2-002	Missing federal wage information -- employee RW record.
W2-003	A FEIN must be numeric and cannot be all 0's or 9's.
W2-004	FEIN does not match our records.
W2-005	Employer name does not match our records.
W2-006	Must provide US or foreign employer address.
W2-007	Must provide US or foreign employee address.
W2-008	State code 1 and State Code 2 are both required. See Publication 172 for more details.
W2-009	Employers are required to have a Wisconsin Withholding Tax account number if withholding Wisconsin taxes from W-2s and/or 1099s. Contact customer service at 608-266-2776
W2-010	Employee Social Security Number is invalid. Must be all numbers and contain no dashes.
W2-011	Employee first & last name cannot be blank.
W2-012	Employee address cannot be blank.
W2-013	Invalid state code on state wage record. State codes must be numeric; between 01 and 56.
W2-014	Must have at least one record with state code = 55.
W2-015	Employee wages must be numeric and cannot contain spaces or special characters (\$,.).
W2-016	RF count of RW (Employee) records does not match total number of RW records for employer.
W2-017	FEIN matches our records, but the State Employer Account Number does not match our records.
W2-018	The transmission ID is not in the correct format.

10. 1099-R, 1099-MISC, W-2G AND OTHER INFORMATION RETURN REPORTING

Use the following specifications and instructions for reporting information other than wages. If you are required to file 10 or more of any type of information returns (1099-R, 1099-MISC and W-2G) with the Wisconsin Department of Revenue, you must file these returns electronically. This includes other information returns with Wisconsin withholding (1099-DIV, 1099-INT).

To file your information returns by electronic transfer, format your file as provided below and follow the instructions on our website at revenue.wi.gov/pages/onlineservices/w-2.aspx.

Record Layout for 1099-R, 1099-MISC, W-2G and Other Information Returns

Internal Revenue Service Publication 1220 (Rev. 9-2019) at irs.gov/pub/irs-pdf/p1220.pdf outlines the basic requirements and format. The information below details the Wisconsin Department of Revenue requirements.

All data records must be a fixed length of 750 bytes. Data must be in ASCII character set.

Record Type	Record Description	Media Positions	Specific Instructions
T	TRANSMITTER RECORD	1-750	Follow IRS specifications.
A	PAYER RECORD	1-750	Follow IRS specifications.
B	PAYEE RECORD	1-750	Required. Details follow.
		12-20 NEW	Enter payee's nine-digit taxpayer identification number (TIN). If a number has been applied for but not received, enter all zeros. Our system does not accept blanks.
		663-677	Enter 15-digit Wisconsin withholding tax number. If the payer did not withhold, was not required to withhold and never held a Wisconsin withholding tax number, use 03688888888801.
		683-684	State code required. Code must be numeric; between 01 and 56.
		723-734	State Income Tax Withheld for Form 1099-MISC, 1099-R, & W-2G.
C	END OF PAYER RECORD	1-750	Required. Details follow.
C	Number of Payees	2-9	Required. Enter the total number of "B" Records covered by the preceding "A" Record. Right justify the information and fill unused positions with zeros.
OR (Need Number of Payees either from C record or K record)			
K	STATE TOTALS	1-750	Required. Details follow.

K	Number of Payees	2-9	Required. Enter the total number of "B" Records being coded for this state. Right justify the information and fill unused positions with zeros.
F	END OF TRANSMISSION	1-750	See details. THIS RECORD INDICATES THE END OF FILE. IT MUST BE THE LAST RECORD ON THE FILE, APPEARING ONLY ONCE. NO DATA GETS PROCESSED AFTER THE CODE 'F' RECORD
F	Total Number of Payees	50-57	If this total was entered in the "T" Record, this field may be blank filled. Enter the total number of Payee "B" Records reported in the file. Right justify the information and fill unused positions with zeros.

11. COMMON ERRORS WHEN REPORTING 1099-R, 1099-MISC, W-2G AND OTHER INFORMATION RETURNS

Special attention to each of the items listed below is necessary to avoid some of the most common errors that may cause your file to be rejected. Please verify:

- Your file is for the Wisconsin Department of Revenue annual 1099 reporting rather than the Department of Workforce Development quarterly unemployment reporting.
- The tax year is correct. For example, payments made in 2019 indicate a tax year of 2019.
- You have an "F" record. This is the final record and required by Wisconsin.
- You have NOT reported 1099 data and W-2 data together in the same file. These forms have different file layouts and reporting requirements.
- Payer FEIN, 15-digit Wisconsin withholding tax number and legal name are correct. They must match our records.

Error Messages (1099 and W-2G Files)	
Message	Issue
The "xx" record is missing	Missing record.
Your file is missing the RS records which include the state wages, state tax withheld and state account number.	Missing record.
This record contains unprintable characters.	Contains character other than what is allowed.
This record must be a length of 512	Record length.
Invalid FEIN	FEIN does not match our records.
FEIN is not in our records. Before you can transfer your file electronically, you must submit documentation showing FEIN is assigned to your business. Please send documents by fax to (608) 327-0235 or by email to DORTORegistration@wisconsin.gov .	FEIN not in our records.
Invalid Employer Name	Payer name must match our records.
Employer Name for *****1234 does not match our records.	Payer name/number does not match our records.
Invalid Employer Address	Payer address cannot be blank.
Invalid Employee SSN	Payee SSN invalid. Must be all numbers; no dashes.
Invalid Employee First Name	Payee first name cannot be blank.
Invalid Employee Last Name	Payee last name cannot be blank.
Invalid Employee Wages	Payee wages must be numeric and cannot contain spaces or special characters (\$,.).
Invalid Numeric Field	Cannot contain letters or special characters.
Employer TAN for *****1234 is not in the correct format.	Must be 15 digits. No dashes.
Invalid State Code	Code must be numeric; between 01 and 56.
Invalid Employee Tax	Payee tax must be numeric; cannot contain spaces or special characters (\$,.).

Invalid WI Withholding Tax Account number	Payers are required to have a Wisconsin Withholding Tax account number if withholding Wisconsin taxes from W-2s and/or 1099s. Contact customer service at 608-266-2776
---	--

If you are receiving error messages that are not listed in the common errors above, or have reviewed and corrected the errors but are still receiving an error message, please contact the Wisconsin Department of Revenue at (608) 266-2776 or email DORW2DataQuestions@wisconsin.gov. A Department of Revenue representative may advise you to use a file share program by the name of WinSCP. WinSCP is a Department of Revenue approved software. Visit winscp.net/eng/download.php to download WinSCP; only download the software if you have been instructed by a Wisconsin Department of Revenue representative.

12. 1099 XML SCHEMA

The Wisconsin Department of Revenue is now accepting 1099 data using XML schema. This new filing option offers payers and third parties the opportunity to send 1099 data in XML format. Standards are set by state and industry partners. Additional information will be shared as it becomes available.

Error Messages (XML Information Return Reject Messages)	
Rejection Prefix	Rejection Message Text
INF-001	Current XML schema must be used
INF-002	File name is not in correct format
INF-003	Missing transmitter / payer record
INF-004	Transmission ID does not match file name
INF-005	Missing payee record
INF-006	Payer ID must be numeric and cannot be all same digits
INF-007	Payer ID does not match our records. Call Customer Service at (608) 266-2776 with questions
INF-008	Payer name does not match our records
INF-009	Must provide US or foreign payer address
INF-010	Payee ID is invalid. Must be all numbers and contain no dashes
INF-011	Payee name cannot be blank
INF-012	Payee address cannot be blank
INF-013	Must provide US or foreign payee address
INF-014	Payment amounts must be numeric and cannot contain spaces or special characters (\$,.)
INF-015	FEIN matches our records, but the Payer Tax Account Number does not match our records
INF-016	Payers are required to have a Wisconsin Withholding Tax account number if withholding Wisconsin taxes from W-2s and/or 1099s. Contact customer service at 608-266-2776
INF-017	Invalid state code on state wage record.
INF-018	Must have at least one record with state code = WI

Applicable Laws and Rules

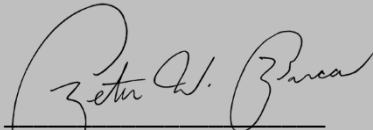
This document provides statements or interpretations of the following laws and regulations in effect as of December 20, 2019: Section 71.80(20), Wis. Stats., and sec. Tax 2.04(2), (a), (b), and (c), Wis. Adm. Code.

Laws enacted and in effect after December 20, 2019, new administrative rules, and court decisions may change the interpretations in this document. Guidance issued prior to December 20, 2019, that is contrary to the information in this document is superseded by this document, pursuant to sec. 73.16(2)(a), Wis. Stats.

Certification Statement

As the Secretary of the Wisconsin Department of Revenue (DOR), I have reviewed this guidance document or proposed guidance document and I certify that it complies with secs. 227.10 and 227.11, Wis. Stats. I further certify that the guidance document or proposed guidance document contains no standard, requirement, or threshold that is not explicitly required or explicitly permitted by a statute or rule that has been lawfully promulgated. I further certify that the guidance document or proposed guidance document contains no standard, requirement, or threshold that is more restrictive than a standard, requirement, or threshold contained in the Wisconsin Statutes.

DEPARTMENT OF REVENUE



Peter Barca

Secretary of Revenue