

# Colorado Wage Withholding Tax Guide



**COLORADO**  
Department of Revenue  
Taxation Division



Every employer making payment of Colorado wages is subject to Colorado wage withholding requirements. In general, Colorado wages are any wages that are either paid to an employee who is a Colorado resident or paid to any nonresident employee for services performed in Colorado. Any employer that is subject to Colorado wage withholding requirements must register with the Colorado Department of Revenue.

In general, whenever federal wage withholding is required for any Colorado wages, Colorado wage withholding is required, as well. Wages that are exempt from federal wage withholding are generally also exempt from Colorado wage withholding. However, several criteria, including the state of residency for the employee, may determine whether Colorado wage withholding is required.

An employer who is required to withhold Colorado income tax from employees' wages is liable for the required withholding, whether or not the employer actually withholds the tax. *Colorado Income Tax Withholding Worksheet for Employers* (DR 1098) prescribes the method for calculating the required amount of withholding. Employers are required to file returns and remit tax on a quarterly, monthly, or weekly basis, depending on the employer's total annual Colorado wage withholding liability.

Every employer must prepare a W-2 for each employee to report the Colorado income taxes withheld from each employee's pay. The employer must provide copies of the W-2 both to the employee and to the Department no later than January 31<sup>st</sup> of the following year.

This publication is designed to provide employers with general guidance regarding Colorado wage withholding requirements. Additional information can be found in the statutes and regulations, forms and guidance listed to the right. Nothing in this publication modifies or is intended to modify the requirements of Colorado's statutes and regulations. Employers are encouraged to consult their tax advisors for guidance regarding specific situations.

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## Statutes and regulations

- § 39-22-604, C.R.S. Withholding tax.
- § 39-22-621, C.R.S. Interest and penalties.
- Rule 39-22-604. Colorado Income Tax Withholding.
- Special Rule 1. Electronic Funds Transfer.
- 26 U.S.C. § 3401. Definitions.
- 26 U.S.C. § 6051. Receipts for employees.
- 26 U.S.C. § 6071. Time for filing returns and other documents.
- 26 CFR § 31.3401(a)-1. Wages.

## Forms and guidance

- [Tax.Colorado.gov](http://Tax.Colorado.gov)
- *Colorado Income Tax Withholding Worksheet for Employers* (DR 1098)
- *Colorado W-2 Wage Withholding Tax Return* (DR 1094)
- *Annual Transmittal of State W-2 Forms* (DR 1093)
- *IRS Publication 15 (Circular E), Employer's Tax Guide*
- *IRS Publication 15-A, Employer's Supplemental Tax Guide*



Every employer making payment of Colorado wages is subject to the requirement to withhold Colorado income tax from such wages. This *Part 1* discusses employers and employees subject to withholding requirements and provides guidance regarding employer registration and withholding certificates.

## Employers and employees

In general, any employer-employee relationship for federal income tax purposes, for which withholding of federal income tax is required, is similarly considered an employer-employee relationship for the purposes of Colorado wage withholding requirements. See *IRS Publication 15 (Circular E), Employer's Tax Guide* for guidance relating to employer-employee relationships for federal wage withholding purposes.

### Employers

An employer is anyone for whom any employee performs or performed any services, of whatever nature, in exchange for payment of wages. An employer may be an individual, firm, corporation, partnership, limited liability company, or any other legal entity.

Any employer who either transacts business in Colorado or derives any income from Colorado sources is subject to Colorado wage withholding requirements, regardless of whether the employer maintains a permanent place of business in Colorado. Colorado wage withholding requirements apply to anyone who has control of the payment of wages or is the officer, agent, or employee of the person having control of the payment of wages.

### Employees

An employee is any individual performing services for an employer, the performance of which services constitutes, establishes, and determines the relationship between the parties as that of employer and employee. Employees for which Colorado wage withholding is required include, but are not limited to:

- officers of corporations; and
- individuals, including elected officials, performing services for any local government in Colorado, the State of Colorado, the U.S. government or any agency or instrumentality thereof.

An employer is required to withhold Colorado income tax from wages paid for services performed:

- either wholly or partially in Colorado by an employee who is not a Colorado resident; or
- either inside or outside of Colorado, or both, by an employee who is a Colorado resident.

In the case of employees who perform services both inside and outside of Colorado, the portion of such wages that are subject to Colorado wage withholding is determined by multiple factors. See *Part 2* for additional information.



## Employer registration

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Every employer who is required to withhold Colorado income tax must apply for and maintain an active Colorado wage withholding account. Employers may apply for an account online at [mybiz.colorado.gov](https://mybiz.colorado.gov) or by preparing and submitting a *Colorado Sales Tax and Withholding Account Application* (CR 0100AP).

An employer that goes out of business, dissolves or is merged into another corporation, no longer has employees, or otherwise ceases paying wages must, within 30 days of the final payment of wages, notify the Department and close their account either online at [Colorado.gov/RevenueOnline](https://Colorado.gov/RevenueOnline) or by preparing and submitting an *Address Change or Business Closure Form* (DR 1102).

## Withholding certificates (Form W-4)

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On or before an employee's first day of employment with an employer, the employer must have the employee complete an *Employee's Withholding Certificate*, IRS Form W-4. Information provided on the certificate is required to calculate the required amount of withholding in accordance with the instructions provided in Department publication *Colorado Income Tax Withholding Calculation for Employers* (DR 1098).

An employer must file promptly with the Department a copy of any withholding certificate prepared by any employee who is expected to earn more than \$200 per week and who claims exemption from withholding. Along with the withholding certificate(s), the employer must submit a cover letter listing the employer's name, address, federal employer identification number (FEIN), and the number of withholding certificates submitted. Employers must submit the required certificates and cover letter to:

Colorado Department of Revenue  
Discovery Section  
PO Box 17087  
Denver, CO 80217-0087

Following a review of the certificate(s), the Department will advise the employer of any necessary adjustment to the employee's withholding certificate.

In general, any wages that are subject to federal wage withholding requirements and are paid to either an employee who is a Colorado resident or an employee who is not a Colorado resident, but who performed work in Colorado, are subject to Colorado wage withholding. However, a variety of rules, based in part on the employee's state of residence, affect the taxability of certain types of wages. This *Part 2* provides guidance for determining whether an employee's wages are subject to Colorado wage withholding.

## Wages

Wages subject to Colorado wage withholding requirements generally include any wages subject to federal wage withholding requirements. Wages subject to federal wage withholding requirements generally include all compensation paid by an employer to an employee for services performed. The compensation may be paid in cash or made in other forms. Salaries, vacation allowances, bonuses, commissions, and fringe benefits are all forms of compensation subject to Colorado and federal wage withholding requirements. See *IRS Publication 15 (Circular E), Employer's Tax Guide* for additional information about wages and compensation that are subject to wage withholding requirements.

## Exempt wages

Under certain circumstances, wages may be exempt from Colorado wage withholding requirements, even if such wages are paid to a Colorado resident or for services performed in Colorado.

Wages that are exempt from federal wage withholding are generally exempt from Colorado wage withholding. See *IRS Publication 15 (Circular E), Employer's Tax Guide* for additional information about wages and compensation that are exempt from wage withholding requirements.

Additionally, state and federal law provide exemptions from Colorado wage withholding for nonresidents in a variety of other circumstances, discussed later in this *Part 2*.

## Resident employees

In general, an employer must withhold Colorado income tax from all wages paid to any employee who is a Colorado resident, regardless of whether the employee performed services inside or outside of Colorado, or both. However, Colorado withholding is not required for wages paid to a Colorado resident for services performed in another state that imposes income tax withholding requirements on such wages.

Colorado wage withholding is not required for compensation paid to a Colorado resident for active duty service in the armed forces of the United States if the servicemember's home of record is Colorado, the servicemember became a resident of another state, and then reacquired Colorado residency. See Department publication *Income Tax Topics: Military Servicemembers* for additional information.



## Nonresident employees

In general, an employer must withhold Colorado income tax from wages paid to any employee who is not a Colorado resident for any services performed by that nonresident employee in Colorado. Services are performed in Colorado if the employee is physically present in Colorado at the time the employee performed the services.

If a nonresident employee performs services both inside and outside of Colorado during a pay period, the employee's wages are apportioned to Colorado based on the number of days during the pay period the employee performs services in Colorado in relation to the total number of days the employee performed services during the pay period. An employee is deemed to have performed services in Colorado on any day in which the employee is physically present in Colorado for the majority of the time during which the employee performs services on such day.

An employee is deemed to be physically present in Colorado during any time the employee spends travelling to Colorado to perform services. An employee is not deemed to be physically present in Colorado during any time the employee spends travelling in departing from Colorado.

The example on the right side of this page illustrates the calculation of Colorado wages for a nonresident employee who works both inside and outside of Colorado.

## Exempt Wages for Nonresident Employees

The table on the following page lists certain types of wages paid to nonresident employees that are exempt from Colorado wage withholding requirements.

## Calculating Colorado Wages for Nonresidents

The following example illustrates the calculation of Colorado wages, subject to Colorado wage withholding, for a nonresident employee who works both inside and outside of Colorado during the pay period.

A nonresident employee performs services for his employer over a weekly pay period.

- **Monday:** The employee performs services exclusively in California.
- **Tuesday:** The employee spends four hours performing services in California, after which the employee takes a two-hour flight to Colorado. The employee performs no additional services on Tuesday after arriving in Colorado.
- **Wednesday:** The employee performs services exclusively in Colorado.
- **Thursday:** The employee spends two hours performing services in Colorado, before taking a two-hour flight back to California. The employee performs services for two additional hours after arriving in California on Thursday.
- **Friday:** The employee performs services exclusively in California.

The employee is deemed to be physically present in Colorado for the two hours he spends travelling to Colorado on Tuesday, but is not deemed to have performed services in Colorado on Tuesday because he was not physically present in Colorado for the majority of the time during which he performed services that day.

The employee is not deemed to be physically present in Colorado for the two hours he spends travelling in departing Colorado on Thursday. He is not deemed to have performed services in Colorado on Thursday because he was not physically present in Colorado for the majority of the time during which he performed services that day.

The employee spent one day (Wednesday) out of the five days during the weekly pay period performing services in Colorado. Therefore, one-fifth or 20% of the employee's wages for the pay period are Colorado wages subject to Colorado wage withholding.



**Exempt Wages for Nonresident Employees**

<i>Type of employee</i>	<i>Exempt wages</i>	<i>Legal authority</i>
Rail carrier employee	Compensation paid for the performance of regularly assigned duties on a railroad in more than one state	49 U.S.C. § 11502
Air carrier employee	Compensation paid for employee’s work for air carrier, provided no more that 50% of the employee’s pay is earned in Colorado	49 U.S.C. § 40116(f)
Motor carrier employee	Compensation paid for the performance of regularly assigned duties in two or more states with respect to a motor vehicle	49 U.S.C. § 14503(a)
Military servicemember	Compensation paid for military service	50 U.S.C. § 4001(b) § 39-22-109(2)(b), C.R.S.
Spouse of military servicemember	Compensation paid to the spouse of a military servicemember if such spouse is in Colorado solely to be with the servicemember serving in compliance with military orders	50 U.S.C. § 4001(c)
Film and television production employee	Compensation paid for the performance of services in connection with any phase of a motion picture, television production, or television commercial for less than 120 days during the calendar year	§ 39-22-604(2)(a), C.R.S.
Disaster-related worker	Compensation paid for the performance of work related to a declared state disaster emergency.	§ 39-22-604(19), C.R.S. § 39-22-104(4)(t), C.R.S.
Telecommuters	Compensation paid for work performed at locations outside of Colorado, regardless of the business location of the employer	Rule 39-22-604(6), § 39-22-109, C.R.S. Rule 39-22-109(3)(b)(i)(A)



Employers who are required to withhold Colorado income tax from employees' wages are liable for the required withholding, regardless of whether they actually withheld the required amounts. Employers are required to file returns and remit tax on a quarterly, monthly, or weekly basis, depending upon the employer's total annual withholding liability. The Department offers multiple filing and payment options, although employers may be required to remit payment electronically. This *Part 3* provides information regarding employer liability, filing requirements, and payment options.

## Employer liability for tax

Every employer is liable for any amounts of wage withholding required pursuant to Colorado law, this guidance, and the instructions provided in Department publication *Colorado Income Tax Withholding Worksheet for Employers* (DR 1098), irrespective of whether the employer actually deducts and withholds such amounts. In addition to any required amount an employer fails to withhold, the employer will be liable for any penalty and interest applicable thereto. In the event that the employee files a Colorado individual income tax return and pays any applicable tax due, the employer will be relieved of liability for the amount the employer failed to withhold, but will not be relieved of liability for any penalties or interest applicable thereto.

Every employer who deducts and withholds any amounts of Colorado wage withholding must hold such amounts in trust for the State of Colorado. In order to secure the payment of any amounts withheld and not remitted, the State of Colorado and the Department have a lien upon all of the assets of the employer and all property owned or used by the employer in the conduct of the employer's business. Property that is subject to the lien includes, but is not limited to, stock in trade, business fixtures, and equipment. The lien is prior to any lien of any kind whatsoever, including existing liens for taxes. See section 39-22-604(7), C.R.S., for additional information about property in which a party other than the employer has an interest.

## Employer protections

All Colorado income tax deducted and withheld by an employer from the wages of an employee is considered to be payment of Colorado income tax by the employee. An employee has no right of action against an employer with respect to any amounts deducted and withheld from the employee's wages and paid over to the Department in compliance or in intended compliance with the withholding requirements prescribed by Colorado law.

## Filing frequency and due dates

An employer is required to file returns and remit wage withholding tax quarterly, monthly, or weekly based upon the employer's annual wage withholding liability. The required filing and remittance frequency is based initially on the employer's estimated annual Colorado income tax withholding, reported on the employer's application for a wage withholding account. If an employer's actual Colorado income tax withholding for any calendar year exceeds the initial estimate, the Department will adjust the employer's required filing and remittance frequency accordingly. Changes to the remittance frequency take effect on January 1.

Each return and remittance must include all Colorado wage withholding for wages paid during the filing period, even if the employees' work to earn the wages was not performed during the filing period.

The due dates for an employer's filing and remittance are based upon the required frequency for the employer's filing and remittance. If the due date for filing a return and remitting tax falls upon a Saturday, Sunday, or legal holiday, the return and tax are due on the next business day. An employer that goes out of business, dissolves or is merged into another corporation, no longer has employees, or otherwise ceases paying wages must file a final wage withholding return and remit all applicable taxes within 30 days of the final payment of wages, unless otherwise required to file and remit tax sooner.





*Part 3: Collection and Remittance*

Monthly and quarterly filers - but not weekly filers - are required to file a return for each period, even if no tax is due. An employer who properly withheld no tax for a monthly or quarterly filing period must file a return to report that no tax is due. If an employer fails to file a required return, the Department may estimate the amount of tax due, based on available information, and issue the employer a notice of deficiency for the tax due.

An employer whose business does not operate continuously throughout the year may request permission from the Department to file returns for only those periods that the business is in operation. If the Department grants such approval, the employer is not required to file returns for those months for which the business does not operate.

**Filing Frequency and Due Dates**

<i>Filing frequency</i>	<i>Annual withholding</i>	<i>Filing periods</i>	<i>Due date</i>
Quarterly	Less than \$7,000	Each calendar quarter ending March 31 <sup>st</sup> , June 30 <sup>th</sup> , September 30 <sup>th</sup> , and December 31 <sup>st</sup>	Last day of the month following the close of the calendar quarter
Monthly	At least \$7,000, but not more than \$50,000	Each calendar month	15 <sup>th</sup> day of the following month
Weekly	\$50,000 or more	Each week beginning on Saturday and ending on Friday	3 <sup>rd</sup> business day following the Friday that concludes the week

**Weekly filing**

Except for year-end filing periods, Friday is the end of each weekly filing period, even if the employer’s pay periods end on a different day. For each weekly filing period during which wages are paid, an employer must report and remit any required withholding for any wages paid during the period. When remitting payments via electronic funds transfer (EFT), the employer must indicate the Friday that ends the weekly filing period as the end date for the filing period.

*Year-end weekly filing period*

Each year, employers who remit Colorado wage withholding on a weekly basis will have a final filing period ending on December 31<sup>st</sup>, regardless of whether December 31<sup>st</sup> falls on a Friday. Employers must remit for this filing period any Colorado withholding for wages paid after the Friday that ended the last preceding filing period and either on or before December 31<sup>st</sup>. Payment for this final filing period is due on the third business day after December 31<sup>st</sup>.

**Example of Weekly Filing Period and Due Date**

<i>Saturday</i>	<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
24	25	26	27 <u>Payroll</u>	28	29	30 <u>End date for filing period</u>
31	1	2	3	4 <u>Filing due date</u>	5	6

In this example, the employer’s payment of wages on Tuesday, the 27<sup>th</sup>, falls within the filing period ending Friday, the 30<sup>th</sup>. The wage withholding for this weekly filing period must be remitted to the Department by Wednesday, the 4<sup>th</sup>.



## Filing and payment options

Employers may elect or may be required to file and pay wage withholding tax electronically. The different filing and payment options are described below.

### Electronic funds transfer (EFT)

Any employer who is required to remit wage withholding tax on a weekly basis is required to remit payment via electronic funds transfer (EFT). Employers are encouraged to remit payment via EFT, even if they are not required to do so, because electronic payment reduces the potential for processing errors and delays. Withholding payments made via EFT satisfy both payment and filing requirements. Employers who remit payment via EFT are not required to submit any separate quarterly, monthly, or weekly wage withholding return. If no tax is due for a filing period, an employer can report zero tax through the EFT payment system.

EFT payments must be made on or before 4:00 P.M. Mountain Time on the due date of the tax payment to be considered timely. Payments made after 4:00 P.M. are considered to be made on the following day.

Employers must register with the Department to make payments via EFT. Registration can be made either online at [Colorado.gov/RevenueOnline](https://colorado.gov/revenueonline) or by completing and submitting an *Electronic Funds Transfer (EFT) Account Setup For Tax Payments* (DR 5785). An employer must first sign up and create a login ID for Revenue Online in order to register for EFT online. See *Colorado Department of Revenue Electronic Funds Transferred (EFT) Program For Tax Payments* (DR 5782) for additional information regarding EFT payments and registration.

### Other electronic filing and payment options

Employers who are not required to make payment via EFT can file returns and make payments electronically online at [Colorado.gov/RevenueOnline](https://colorado.gov/revenueonline). An employer must first sign up and create a login ID for Revenue Online in order to file and pay through Revenue Online. A third-party processing fee is added to any e-check or credit card payment made through Revenue Online.

## Paper returns

An employer who is not required to remit payments via EFT can instead make payments with *Colorado W-2 Wage Withholding Tax Returns* (DR 1094). Paper returns and payments made by check or money order must be postmarked on or before the applicable due date to be considered timely.

## Correcting errors in filed returns

If a previously filed return did not report the correct amount of wage withholding for the filing period, the method for correcting the error depends on whether the tax was underpaid or overpaid with the filed return.

### Underpayments of tax

If the wage withholding tax due for a filing period is greater than the amount previously reported and paid, the additional tax can be reported and paid via EFT, online at [Colorado.gov/RevenueOnline](https://colorado.gov/revenueonline), or by filing a second *Colorado W-2 Wage Withholding Tax Returns* (DR 1094). Any return filed to report additional tax should not include any wage withholding tax previously reported and paid.

### Overpayments of tax

If an employer overpays the wage withholding tax due for any filing period, the employer can deduct the amount of the overpayment from the tax reported and remitted for any subsequent filing period during the same calendar year.

If the calendar year has ended and the employer is therefore unable to deduct the overpayment from the tax due for a subsequent period, the employer can claim a refund for the overpayment when filing the *Annual Transmittal of State W-2 Forms* (DR 1093). Any Form DR 1093 filed to claim a refund for an overpayment must be filed prior to January 31<sup>st</sup> of the following year.

If an overpayment of wage withholding tax is identified only after January 31<sup>st</sup> of the following year and the filing of Form DR 1093, the employer can file a *Claim for Refund* (DR 0137) to request a refund for the overpayment.



## Penalties and interest

If any tax is not paid by the applicable due date, the employer will owe a penalty. The penalty is the greater of either \$5 or 5% of the unpaid tax, plus an additional 0.5% for each month the tax remains unpaid, not to exceed a total of 12%. A collection penalty equal to 15% of the unpaid tax is also imposed if an employer fails to remit payment within the time provided in any notice and demand for payment. Additional penalties may be imposed for:

- fraudulent or willful failure to file;
- filing a fraudulent, frivolous, or willfully false return;
- fraudulently failing to pay tax; or
- willfully seeing to evade tax.

Interest accrues on any late payment of tax from the original due date of the tax to the date the tax is paid. The rate of interest accrual depends on the calendar year(s) over which the deficiency continues. Additionally, a discounted rate is allowed if the employer pays the tax in full prior to or within 30 days of the issuance of a notice of deficiency. The discounted and non-discounted, regular interest rates for recent years are listed in the following table.

**Annual Interest Rates**

<i>Calendar year</i>	<i>Discounted rate</i>	<i>Regular rate</i>
2017	4%	7%
2018	4%	7%
2019	5%	8%
2020	6%	9%
2021	3%	6%

## Assessments and appeals

If, upon review of any relevant information, the Department determines the correct amount of tax has not been paid, the Department will issue a notice of deficiency to the employer. An employer who receives a notice of deficiency may submit a written protest and request a hearing to dispute the notice. Any protest or request for hearing must be submitted within 30 days of the date of the notice. The protest or request for hearing must contain at least the following information:

- the employer’s name, address, and account number;
- the tax period(s) involved;
- the type and amount of tax in dispute;
- an itemized schedule of the findings with which the employer does not agree; and
- a summary statement of the grounds upon which the employer relies for the purpose of showing the tax is not due.

The protest or request for hearing must be signed by the employer and filed in duplicate.

Every employer that is subject to Colorado wage withholding requirements must provide both the Department and each employee with a *Wage and Tax Statement*, IRS Form W-2 reporting the employee's Colorado wages and Colorado withholding for each calendar year.

## Providing W-2s to employees

Federal law requires employers to provide each employee a *Wage and Tax Statement*, IRS Form W-2, reporting wage and tax information for each calendar year. In addition to federal tax information, the employer must also report the employee's Colorado wages and withholding on the W-2. The employer must send the W-2 to the employee by January 31<sup>st</sup> of the following year. An employer that goes out of business, dissolves or is merged into another corporation, no longer has employees, or otherwise ceases paying wages must provide W-2s to all employees within 30 days of the final payment of wages.

Any W-2 reporting Colorado tax information may be furnished to the employee electronically, to the extent permitted by federal law. See *IRS Publication 15-A, Employer's Supplemental Tax Guide* for additional information about furnishing W-2s to employees electronically.

## Colorado resident employees

The W-2 provided to any employee who is a Colorado resident must report any Colorado income tax withheld from the employee's wages, as well as all wages paid to the employee, except for any wages exempt from Colorado withholding because:

- such wages are exempt from federal wage withholding requirements; or
- the employee is an active duty servicemember who has reestablished Colorado residency (see Department publication *Income Tax Topics: Military Servicemembers*).

## Nonresident employees

The W-2 provided to any employee who is not a resident of Colorado must report any Colorado income tax withheld from the employee's wages, as well as any wages that were paid to the employee for services performed in Colorado. See *Part 2* for additional information regarding Colorado withholding requirements with respect to nonresident employees.

## Filing W-2s with the Department

Every employer that is subject to Colorado wage withholding requirements must file with the Department any W-2 reporting Colorado wages or Colorado withholding. The required W-2s for any calendar year must be filed with the Department on or before January 31<sup>st</sup> of the following year. An employer that goes out of business, dissolves or is merged into another corporation, no longer has employees, or otherwise ceases paying wages must file W-2s with the Department within 30 days of the final payment of wages.

## Penalties for failure to file

If an employer fails to file any required W-2s with the Department by the applicable due date, a penalty of \$5 to \$50, at the Department's discretion, is due for each W-2 that is not timely filed. If an employer who is required to file W-2s electronically fails to file electronically by the applicable due date, the penalty is due for each W-2, regardless of whether the employer has submitted paper copies of the W-2s.





## Electronic filing

Any employer that is required to file federal W-2s electronically must also file any Colorado W-2s electronically. For calendar years 2020 and prior, any employer required to file 250 or more federal W-2s must file electronically. An employer that is not required to file W-2s electronically may nonetheless elect to do so. Alternately, employers who are not required to file electronically may instead file paper copies of W-2s along with an *Annual Transmittal of State W-2 Forms* (DR 1093). An employer that files electronically should not submit a paper Form DR 1093, except to remit any additional tax due or claim a refund for an overpayment.

Electronic filing of W-2s is made through the Department’s website at [Colorado.gov/RevenueOnline](https://colorado.gov/RevenueOnline). Employers must register through the website at least five days prior to their initial electronic filing. Once an employer has registered through the website, the employer will not need to register again in order to file W-2s electronically for any subsequent year. Registration is requested by completing the following steps:

- 1) Go to [Colorado.gov/RevenueOnline](https://colorado.gov/RevenueOnline).
- 2) Click on the hyperlink to “Submit Year-End Withholding” under the heading “Additional Services.”
- 3) Click on the hyperlink to “Request Withholding Submitter Access.”
- 4) Enter the required information.

Once an employer has registered, the employer can file W-2s electronically through the same website at [Colorado.gov/RevenueOnline](https://colorado.gov/RevenueOnline) by clicking the same hyperlink to “Submit Year-End Withholding.” The employer can either manually enter W-2 information by clicking “Submit a Manual Withholding File” or can upload an electronic file in a .txt format by clicking “Submit a Withholding File Attachment.” Specification for the electronic file can be found in [Appendix A](#).

## Correcting errors on W-2s

If a W-2 issued by an employer does not report the correct amount of Colorado wages or Colorado wage withholding, the employer is required to furnish both the employee and the Department with a corrected W-2 (Form W-2c) reporting the correct amounts of wages and withholding. The corrected W-2 must be provided to both the employee and the Department in the time provided under federal law for correcting W-2s, generally by January 31<sup>st</sup>. Corrected W-2s should be mailed to the Department, along with a cover letter, to:

Colorado Department of Revenue  
Discovery Section  
PO Box 17087  
Denver, CO 80217-0087

The following is the required format of the data to submit W-2s electronically (CDOR-EFW2). This is the same format that is also required for submissions to the Social Security Administration.

## For alpha/numeric fields

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- Left-justify and fill with blanks
- Where the “CDOR Specific” shows “populate or zero fill,” all positions must be zeros, not blank
- Do NOT use Tabs in any field.

## For money fields

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- Must contain only numbers.
- No punctuation.
- No signed amounts (high order signed or low order signed).
- Include both dollars and cents with the decimal point assumed (example: \$59.60 = 000005960).
- All state withholding shall be rounded to the nearest dollar (example: \$5,500.99 = 0000550100).
- Right-justify and zero fill to the left.
- Any money field that has no amount to be reported must be filled with zeros, not blanks.
- Colorado withholding cannot be greater than Colorado taxable wages.

## For the address fields

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- Must conform to U.S. Postal Service rules since address fields are used by the Colorado Department of Revenue to prepare mail correspondence, if necessary. For more information refer to the U.S. Postal Service Web site at [www.usps.com](http://www.usps.com)
- For State, use only the two-letter abbreviations in Appendix F of the SSA EFW2 publication.
- For Country Codes, use only the two-letter abbreviations in Appendix G of the SSA EFW2 publication. **Do NOT use a Country Code when a United States address is shown.**

## For the Submitter Federal Employer Identification Number (FEIN)

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- The FEIN must match the FEIN used to register with Revenue Online.
- Only numeric characters.
- Omit hyphens.
- For sole-proprietor submitters, use the sole-proprietor’s Social Security number.

## For the employer FEIN

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- Only numeric characters.
- Omit hyphens.

The employer FEIN should normally match the FEIN associated with the Colorado Department of Revenue account number.



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## For the format of the employee name

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- Enter the name shown on the individual's Social Security card.
- Must be submitted in the individual name fields:
  - ❖ Employee First Name
  - ❖ Employee Middle Name or Initial (if shown on Social Security card)
  - ❖ Employee Last Name
  - ❖ Suffix (if shown on Social Security card)
- Do NOT include any titles.

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## For the Social Security Number (SSN)

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- Use the number shown on the original/replacement SSN card.
- Only numeric characters.
- Omit hyphens.
- May NOT begin with a 666 or 9.
- For valid range numbers, check the latest list of newly issued Social Security number ranges on the Social Security Department website at <http://www.socialsecurity.gov/employer>
- If there is **no SSN available** for the employee, enter zeros (0) in positions 10 - 18 of the RS Record, and submit paper W-2 statements for the employee to: Colorado Department of Revenue, Discovery Section, PO Box 17087, Denver, CO 80217-0087, Attention: Withholding Unit Supervisor
- Affected employees shall also contact the Social Security office to obtain an SSN. Do NOT enter a fictitious SSN (for example, 111111111, 333333333 or 123456789).

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## All submitters must register on Revenue Online prior to submitting a file

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- The RV record is not utilized by the Colorado Department of Revenue and should be excluded from the submission.
- Revenue Online will validate the full file and list all errors contained rather than rejecting after the first error is found.
- After a successful submission, Revenue Online will automatically populate the webpage with a confirmation. Print this page for your records.

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## Assistance

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Call (303) 205-8292, Monday through Friday, 8 a.m. to 5 p.m.



The following is the required information and specifications of the data to submit W-2s electronically (CDOR-EFW2).

**CDOR- EFW2 Specifications**

Code RA- Submitter Record

File must contain only one RA record.

RA must be the first data record on each file.

FEIN listed in positions 3-11 must match that of the Submitter FEIN in Revenue Online registration.

Required Colorado fields are denoted with \* below.

If domestic address exists, do not populate foreign address fields. \*\*

If foreign address exists, fill domestic address with blanks.

Field Name	Submitter's		User	Software	Blanks	Resub Indicator
	Record Identifier*	Federal Identification Number (FEIN)*	Identification (User ID) *	Vendor Code		
Position	1-2	3-11	12-19	20-23	24-28	29
Length	2	9	8	4	5	1
CDOR Specific	RA	Submitter Specific	Populate or zero fill	Populate or zero fill	Blank	Populate or zero fill

Field Name	SSA Resub	Company	Location	Delivery	City*
	WFID				
Position	30-35	38-94	95-116	117-138	139-160
Length	6	57	22	22	22
CDOR Specific	Populate or zero fill	Submitter Specific	Submitter Specific	Submitter Specific	Submitter Specific

Field Name	State	Zip Code*	Zip Code	Blank	Foreign	Foreign
	Abbreviation*					
Position	161-162	163-167	168-171	172-176	177-199	200-214
Length	2	5	4	5	23	15
CDOR Specific	Submitter Specific	Submitter Specific	Submitter Specific	Submitter Specific	Only if Applicable	Only if Applicable

Field Name	Country	Submitter	Location	Delivery	City *	State
	Code**					
Position	215-216	217-273	274-295	296-317	318-339	340-341
Length	2	57	22	22	22	2
CDOR Specific	Only if Applicable	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill

Field Name	Zip Code *	Zip Code	Blank	Foreign	Foreign	Country
	Extension					
Position	342-346	347-350	351-355	356-378	379-393	394-395
Length	5	4	5	23	15	2
CDOR Specific	Populate or zero fill	Populate or zero fill	Blank	Populate or zero fill	Populate or zero fill	Populate or zero fill

Field Name	Contact	Contact	Contact Phone	Blank	Contact	Blank
	Name*					
Position	396-422	423-437	438-442	443-445	446-485	486-488
Length	27	15	5	3	40	3
CDOR Specific	Submitter Specific	Submitter Specific	Submitter Specific	Blank	Submitter Specific	Blank

Field Name	Contact	Preferred Method of Problem Notification		Preparer
		Fax	Code	
Position	489-498	499	500	501-512
Length	10	1	1	12
CDOR Specific	Submitter Specific	Populate or Blank	Populate or zero fill	Blank





CDOR- EFW2 Specifications

Code RE- Employer Record

File must contain at least one RE record.

The first RE record must follow the RA record.

Following the last RS record for an employer, create either the:

RE record for the next employer in the file; or

RF record if this is the last report in the file.

When employees working under the same Federal employer identification number (FEIN) are separated for bookkeeping purposes, they MUST be grouped together under one RE record. Multiple submissions for the same FEIN can cause serious processing errors or delays.

Required Colorado fields are denoted with \* below.

If domestic address exists, do not populate foreign address fields. \*\*

If foreign address exists, fill domestic address with blanks.

NOTE: Byte 174 has changed

Field Name	Record Identifier*	Tax Year*	Agent Indicator Code	Employer/Agent Identification Number (EIN)*	Agent for EIN	Terminating Business Indicator
Position	1-2	3-6	7	8-16	17-25	26
Length	2	4	1	9	9	1
CDOR Specific	RE		<u>See Federal Guide</u>	Employer Specific	Agent Specific	Populate or Blank

Field Name	Establishment Number	Other EIN	Employer Name*	Location Address	Delivery Address*	City*
Position	27-30	31-39	40-96	97-118	19-140	141-162
Length	4	9	57	22	22	22
CDOR Specific	Populate or zero fill	<u>See Federal Guide</u>	Employer Specific	Employer Specific	Employer Specific	Employer City

Field Name	State Abbreviation*	Zip Code*	Zip Code Extension	Kind of Employer *	Blank	Foreign State/Province**
Position	163-164	165-169	170-173	174	175-178	179-201
Length	2	5	4	1	4	23
CDOR Specific	Employer Specific	Employer Specific	Employer Specific	<u>See Federal Guide</u>	Blank	Only if Applicable

Field Name	Foreign Postal Code**	Country Code**	Employment Code	Tax Jurisdiction Code *	Third-Party Sick Pay Indicator	Employer Contact Name
Position	202-216	217-218	219	220	221	222-248
Length	15	2	1	1	1	27
CDOR Specific	Only if Applicable	Only if Applicable	Populate or zero fill	Populate or zero fill	Populate or zero fill	Employer Specific or Blank

Field Name	Employer Contact Phone Number	Employer Contact Phone Extension	Employer Contact Fax Number	Employer Contact Email	Blank
Position	249-263	264-268	269-278	279--318	319-512
Length	15	5	10	40	194
CDOR Specific	Employer Specific or Blank	Employer Specific or Blank	Employer Specific or Blank	Employer Specific or Blank	Blank

## Appendix A: Electronic W-2 Specifications



### CDOR- EFW2 Specifications

Code RS- State Wage Record

CDOR file must contain at least one RS08 record with either taxable wages or tax withheld greater than zero.

Withholding cannot be greater than wages.

Required Colorado fields are denoted with \* below.

If domestic address exists, do not populate foreign address fields. \*\*

If foreign address exists, fill domestic address with blanks.

Field Name	Record Identifier*	State Code*	Taxing Entity Code	Employee Social Security Number (SSN)	Employee First Name*	Employee Middle Name or Initial
Position	1-2	3-4	5-9	10-18	19-33	34-48
Length	2	2	5	9	15	15
CDOR Specific	RS	08	Populate or zero fill	Employee Specific	Employee Specific	Employee Specific

Field Name	Employee Last Name*	Suffix	Location Address	Delivery Address*	City*	State Abbreviation*
Position	49-68	69-72	73-94	95-116	117-138	139-140
Length	20	4	22	22	22	2
CDOR Specific	Employee Specific	Employee Specific	Employee Specific	Employee Specific	Employee Specific	Employee Specific

Field Name	Zip Code*	Zip Code Extension*	Blank	Foreign State/Province**	Foreign Postal Code**	Country Code**
Position	141-145	146-149	150-154	155-177	178-192	193-194
Length	5	4	5	23	15	2
CDOR Specific	Employee Specific	Employee Specific	Employee Specific	Employee Specific	Employee Specific	Employee Specific

Field Name	Optional Code	Reporting Period	State Quarterly Unemployment Insurance Total Wages	State Quarterly Unemployment Insurance Total Taxable Wages	Number of Weeks Worked	Date First Employed
Position	195-196	197-202	203-213	214-224	225-226	227-234
Length	2	6	11	11	2	8
CDOR Specific	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill

Field Name	Date of Separation	Blank	State Employer Account Number	Blank	State Code*	State Taxable Wages*
Position	235-242	243-247	248-267	268-273	274-275	276-286
Length	8	5	20	6	2	11
CDOR Specific	Populate or zero fill	Blank	Employer Specific	Blank	08	Employee Specific

Field Name	State Income Tax Withheld*	Other State Data	Tax Type Code	Local Taxable Wages	Local Income Tax Withheld	State Control Number
Position	287-297	298-307	308	309-319	320-330	331-337
Length	11	10	1	11	11	7
CDOR Specific	Employee Specific	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill	Populate or zero fill

Field Name	Supplemental Data 1	Supplemental Data 2	Blank
Position	338-412	413-487	488-512
Length	75	75	25
CDOR Specific	Populate or zero fill	Populate or zero fill	Blank



CDOR- EFW2 Specifications

**Code RF- Final Record**

File must contain one RF record.

RF must be the last record.

Required Colorado fields are denoted with \* below.

Field Name	Record Identifier*	Blank	Number of RW Records	Blank
<b>Position</b>	1-2	3-7	8-16	17-512
<b>Length</b>	2	5	9	496
<b>CDOR Specific</b>	RF	Blank	- zero fill	Blank

**Optional Records**

**Code RW- Employee Wage Record**

The RW record is not utilized by CDOR and should be excluded from the submission; however files containing RW records will not be rejected.

Files containing RW records shall conform to the Social Security Administration EFW2 specifications.

**Code RO- Employee Wage Record**

The RO record is not utilized by CDOR and should be excluded from the submission; however files containing RO records will not be rejected.

Files containing RO records shall conform to the Social Security Administration EFW2 specifications.

**Code RT- Total Record**

The RT record is not utilized by CDOR and should be excluded from the submission; however files containing RT records will not be rejected.

Files containing RT records shall conform to the Social Security Administration EFW2 specifications.

**Code RU- Total Record**

The RU record is not utilized by CDOR and should be excluded from the submission; however files containing RU records will not be rejected.

Files containing RU records shall conform to the Social Security Administration EFW2 specifications.

**Code RV- State Total Record**

The RV record is not utilized by CDOR and should be excluded from the submission; however files containing RV records will not be rejected.

Files containing RV records shall conform to the Social Security Administration EFW2 specifications.