



MISSOURI DEPARTMENT OF REVENUE

2022 Remittance Voucher Specifications

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Most Missouri Department of Revenue vouchers are processed using automated processing equipment. The equipment enables the Department to capture all data fields and thus process the vouchers more efficiently. Most vouchers have an OCR scanline and are ICR compatible with dropout ink. All scanlines **must** use an OCR-A font. All scanline font is size 12, with the exception of the MO-941 which contains the font size of 10.5. Please add your NACTP-assigned four digit vendor ID to the voucher, near the revision date. Refer to each voucher type for more specific specifications regarding scanline and variable data placement.

The Department requires **12** test samples (**cut to size**) with the appropriate scanline and all data fields filled (12 different vouchers each for the MO-941, MO-1040V, MO-1041V, MO-1120V, MO-1120ES, and MO-1040ES). The Department will not accept text samples that are provided on full pages or remitted as an electronically PDF. Approval of each voucher type must be obtained from the Department prior to filing.

Mail all test vouchers to: Missouri Department of Revenue
Attn: Communications - Forms Group
301 West High Street, Room 560
Jefferson City, MO 65101

2021 Changes

1. The vouchers for Form MO-1040V, MO-1040ES, MO-1120ES, and MO-1120V are now set up to a 10x6 grid. Certain field locations must match exactly to what is being provided in this document. In addition, the scanline must also match exactly. The Department is providing examples of these vouchers with the 10x6 grid showing in the back of this document. Please use these as a reference when developing your substitute vouchers.
2. Form MO-1040V - Be sure the Tax Year in the scanline is "21". The year is updated to 2021 and the due date is April 18, 2022.
3. Form MO-1040ES - Be sure the Tax Year in the scanline is "22". The year is updated to 2022 and the due dates are:
1st Quarter - April 18, 2022
2nd Quarter - June 15, 2022
3rd Quarter - September 15, 2022
4th Quarter - January 17, 2023.
4. Form MO-1041V - Be sure the Tax Year in the scanline is "21". The year is updated to 2021.
5. Form MO-1120ES - Be sure the Tax Year in the scanline is "22". The year is updated to 2022.
6. Form MO-1120V - Be sure the Tax Year in the scanline is "21". The year is updated to 2021 and the due date is April 18, 2022.

Test Scenarios (MO-1120ES, MO-1120V, and MO-941)

Missouri Tax I.D.

	Name	Address
98989898	TBone Corporation	123 Route C, Dinner City MO 65111
78787874	Hi Kitty Inc	456 Route B, China City MO 65222
65656563	Butterfly Company	789 Route D, Fun City MO 65333
54545455	JDeere Corporation	147 Hwy RR, Anytown MO 69999
32323239	Nite Owl Inc	258 Hwy YY, Anytown MO 69999
56565658	Eastern Bluebird	369 Bird Lane, Birdtown MO 68888
98765434	Flowering Dogwood	59 Tree Lane, Tree City MO 67777
87654326	Lewis Clark Test Trail	PO Box 1821, Discovery MO 65555
76543218	Fox Trotter LLC	County RD 3652, Funtown MO 64444
52525252	Waltz Thru MO	7854 Center Street, Music MO 63333
85858587	Hawthorn Flower Inc	1452 Blooming Fields Rd, Ridge MO 62222
96969696	Mark Twain Lodge	9856 Sunset Trails, Homestead MO 61111

Test Scenarios (MO-1040V, MO-1040ES, and MO-1041V)

SSN	Name	Address
444444444	Payday River	PO Box 1720, Tears Valley MO 65555
555555555	Weston Mill	5566 Hwy 65, Sugar Creek MO 64444
666666666	Thomas Noster	7050 County Road, Big Hills MO 63333
777777777	Bennett Truman	789 Center Road, Rock Stone MO 68888
888888888	Hunter Boone	5461 Lake Branch Road, High Ridge MO 67777
222222222	Benny Loss	2713 Hwy 29, Traps MO 67888
333333333	Mikey Player	1713 County Road, Honey Hill MO 63333
212222222	Quite Mouse	258 Corner Street, Cheese Valley MO 64666
313333333	Donald Example	PO Box Sample, Test Again MO 65555
414444444	Night Owl	325 Upper Tree, Dark Town MO 68666
515555555	Rusty Lighting	Apt 23B, MyPlace MO 61666
616666666	Mickey Two	Waltz Street, Steer City MO 66366

Check Digit Formula and Name Control Number

Social Security Number (SSN) and Federal Employer I.D. Number (FEIN) Check Digit Formula

The check digit validation process is:

1. Multiply each of the digits in the SSN or FEIN by 2 or 1, beginning with 1.
2. Add the sum of the products.
3. Divide the sum by 10.
4. Subtract the remainder from 10. The difference is the check digit.

The following is an example of the validation process:

SSN: 534209176

Multiply the SSN digits by 1, 2, . . . (starting with the number 1)

	5	3	4	2	0	9	1	7	6
X	1	2	1	2	1	2	1	2	1
	5	6	4	4	0	18	1	14	6

Sum the products:

5
6
4
4
0
18
1
6
+ 14
58

Divide by 10:

$$58 \div 10 = 5 \text{ with remainder of } 8$$

Subtract the remainder from 10, the difference is the check digit.

$$10 - 8 = 2$$

The check digit is 2.

Name Control Number (NCN) Formula

The first four alpha characters of the taxpayer's last name converted to numeric make up the NCN using the following formula. The NCN is an eight digit number.

A=01	P=16
B=02	Q=17
C=03	R=18
D=04	S=19
E=05	T=20
F=06	U=21
G=07	V=22
H=08	W=23
I=09	X=24
J=10	Y=25
K=11	Z=26
L=12	, =27 (comma)
M=13	- =28 (hyphen)
N=14	' =29 (apostrophe)
O=15	

Examples:

Johnson = 10150814

LI,Adrian = 12092701 (Last name is less than 4 characters)

After computing the NCN use the SSN Check Digit formula to compute the NCN Check Digit.

If the name is less than 4 characters long, use a comma, then the first characters of the first name. (See example above.)

If one of the first four characters contain an apostrophe or hyphen use the codes specified above.

Amount Paid Check Digit Formula Sample 1 and Sample 2

**Forms MO-1040V, MO-1040ES,
MO-1041V, MO-1120ES and MO-1120V**

**Forms MO-1040V, MO-1040ES,
MO-1041V, MO-1120ES and MO-1120V**

Amount Paid Check Digit Formula (Sample 1)

The check digit validation process is:

1. Multiply each of the digits in the Amount Paid by 2 or 1, beginning with 1.
2. Add the sum of the products.
3. Divide the sum by 10.
4. Subtract the remainder from 10. The difference is the check digit.

Following is an example of the validation process:

Amount Paid: 134578900

Multiply the Amount Paid digits by 1, 2, . . .

	1	3	4	5	7	8	9	0	0
X	1	2	1	2	1	2	1	2	1
	1	6	4	10	7	16	9	0	0

Sum the products:

1
 6
 4
 10
 7
 16
 9
 0
+ 0
 53

Divide by 10:

$53 \div 10 = 5$ with remainder of 3

Subtract the remainder from 10, the difference is the check digit.

$10 - 3 = 7$

The check digit is 7.

Amount Paid Check Digit Formula (Sample 2)

The check digit validation process is:

1. Multiply each of the digits in the Amount Paid by 2 or 1, beginning with 1.
2. Add the sum of the digits.
3. Divide the sum by 10.
4. Subtract the remainder from 10. The difference is the check digit.

Following is an example of the validation process:

Amount Paid: 000594800

Multiply the Amount Paid digits by 1, 2, . . .

	0	0	0	5	9	4	8	0	0
X	1	2	1	2	1	2	1	2	1
	0	0	0	10	9	8	8	0	0

Sum the products:

0
 0
 0
 10
 9
 8
 8
+ 0
 35

Divide by 10:

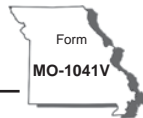
$35 \div 10 = 3$ with remainder of 5

Subtract the remainder from 10, the difference is the check digit.

$10 - 5 = 5$

The check digit is 5.

Fiduciary Income Tax Payment Voucher - Form MO-1041V

 <p style="font-size: small;">MISSOURI DEPARTMENT OF REVENUE 2021 Fiduciary Income Tax Payment Voucher</p>	Federal Employer Identification Number	Taxable Year Ending (MM/DD/YYYY)	Due Date (MM/DD/YYYY)
Name of Estate or Trust		1. Amount of payment \$ 3 0 0 (U.S. funds only)	
Name and Title of Fiduciary		Department * <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Use Only * <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
Address		Return this form with check or money order payable to: Missouri Department of Revenue, P.O. Box 3815, Jefferson City, MO 65105-3815	
If you pay by check, you authorize the Department of Revenue to process the check electronically. Any returned check may be presented again electronically. NNNN (12-2021)			

103	098	000000	1234567890	100103118	202112	000000300	7
↑	↑	↑	↑	↑	↑	↑	↑
1	2	3	4	5	6	7	8
9	10						

- | | | | |
|--|--------------------------|---------------------------|--|
| 1. Source Code (3 digits)
Use the digits "103" | 3. DOR USE (6 zeros) | 6. Name Control(8 digits) | 9. Amount Paid (9 digit)
Always ends with two zeros |
| 2. Vendor Code (3 digits)
Use the assigned digits | 4. FEIN (9 digits) | 7. Check Digit (1 digit) | 10. Check Digit (1 digit) |
| | 5. Check Digit (1 digit) | 8. Tax Period (6 digits) | |

Form Size: 8 1/2" x 3 3/4". Vouchers must be printed and cut to this size for testing and for taxpayer filing.

Scanline Position: The bottom (baseline) of scanline should be placed 1/2" up from bottom of the form. The top of scanline should be 1/8" down from the last horizontal line on the form. The scanline must be 1 7/8" from the right edge of form.

The scanline should be printed on Line 63 and Position 13. (This is figured using 66 lines per page vertically and 85 characters printed horizontally. Our equipment reads from the bottom right side of the paper.)

The scanline must be in OCR-A font.


Miscellaneous: "Amount of Payment" should have hard-coded zeros at the right. The zeros should be carried down to the scanline for "Amount Paid" which is identified as item #9 in the scanline example above.

The "Department Use Only" area should have visible boxes. Eleven boxes on the top row and six boxes on the bottom row.

Provide the last three digits of your vendor ID code assigned to your company by NACTP within the scanline. This is identified as item #2 in the scanline example above.

This form is to be used to pay Fiduciary Income taxes for the previous tax year only.

Individual Income Tax Payment Voucher - Form MO-1040V



MISSOURI DEPARTMENT OF REVENUE
2021 Individual Income Tax Payment Voucher (Form MO-1040V)

Please print. Make check payable to Missouri Department of Revenue. Mail Form MO-1040V and payment to the Missouri Department of Revenue, P.O. Box 371, Jefferson City, MO 65105-0371.

Name		
Spouse's Name		
Street Address		
City	State	ZIP Code

Full payment of taxes must be submitted by April 18, 2022 to avoid interest and additions to tax for failure to pay. If you pay by check, you authorize the Department of Revenue to process the check electronically. Any returned check may be presented again electronically.


Social Security Number

Name Control

Spouse's Social Security Number - -

Spouse's Name Control

Amount of Payment
 (U.S. funds only)..... \$



21347010001

Department Use Only

Department Use Only

Form MO-1040V (Revised 12-2021)

055 000 000000 1234567890 123456789 1234567890 21 123456700 0

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|--|---------------------------|-----------------------------|---|--|
| 1. Source Code (3 digits)
Use the digits "055" | 3. DOR USE (6 zeros) | 6. Primary NCN (8 digits) | 9. Check Digit (1 digit) | 11. Amount Paid (9 digits)
Always ends with two zeros |
| 2. Vendor Code (3 digits)
Use the assigned digits | 4. Primary SSN (9 digits) | 7. Check Digit (1 digit) | 10. Tax Year (YY) (2 digits)
Should be "21". | 12. Check Digit (1 digit) |
| | 5. Check Digit (1 digit) | 8. Secondary SSN (9 digits) | | |

Form Size: 8 1/2" x 4". Vouchers must be printed and cut to this size for testing and for taxpayer filing.

Scanline Position: The bottom (baseline) of the scanline should be placed 1/2" up from bottom of the form. The top of scanline should be 1/8" down from last horizontal line on the form. The scanline must be 1 1/4" from right edge of the form.


The scanline should be printed on Line 63 and Position 13. (This is figured using 66 lines per page vertically and 85 characters printed horizontally. Our equipment reads from the bottom, right side of the paper.)

The scanline must be in OCR-A font.


Miscellaneous: The "DOR USE ONLY" area should have visible boxes as shown in the example above. Provide the last three digits of your vendor ID code assigned to your company by NACTP within the scanline. This is identified as item #2 in the scanline example above.

This form is used only for electronic filing. It is not intended to be used to pay an amount due on a paper return.

Estimated Tax Declaration For Individuals - Form MO-1040ES



MISSOURI DEPARTMENT OF
REVENUE
2022 Declaration of Estimated Tax
for Individuals (Form MO-1040ES)



22352010001

Social Security Number

Name Control

1st Qtr. 2nd Qtr. 3rd Qtr. 4th Qtr.

Spouse's Social Security Number

Name Control

Amount Paid \$ 1234567 . 00

Return this form with check or money order payable to the Missouri Department of Revenue P.O. Box 555, Jefferson City, MO 65105-0555. If you pay by check, you authorize the Department to process the check electronically. Any returned check may be presented again electronically.

Your Name (Last, First, Initial)

Spouse's Name (Last, First, Initial)

Address (Number and Street), City, State, and ZIP Code

Department Use Only

(Revised 12-2021)

250 000 000000 1234567890 123456789 1234567890 22 123456700 0

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1

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2

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3

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4

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5

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9

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10

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11

↑
12

1. Source Code (3 digits) Use the digits "250"	3. DOR USE (6 zeros)	6. Primary NCN (8 digits)	9. Check Digit (1 digit)	11. Amount Paid (9 digits) Always ends with two zeros
2. Vendor Code (3 digits) Use the assigned digits	4. Primary SSN (9 digits)	7. Check Digit (1 digit)	10. Tax Year (YY) (2 digits) Should be "22".	12. Check Digit (1 digit)
	5. Check Digit (1 digit)	8. Secondary SSN (9 digits)		

Form Size: 8 1/2" x 3 3/4". Vouchers must be printed and cut to this size for testing and for taxpayer filing.

Scanline Position: The bottom (baseline) of the scanline should be placed 1/2" up from bottom of the form. The top of scanline should be 3/16" down from last horizontal line on the form. The scanline must be 1 1/4" from right side of page.

The scanline should be printed on Line 63 and Position 13. (This is figured using 66 lines per page vertically and 85 characters printed horizontally. Our equipment reads from the bottom right side of the paper.)

The scanline must be in OCR-A font.

Miscellaneous: "Amount of This Installment" should have hard-coded zeros at the right. The zeros should be carried down to the scanline for "Amount Paid" which is identified as item #11 in the scanline example above.


The "Department Use Only" area should have visible boxes as shown in the example above.

Provide the last three digits of your vendor ID code assigned to your company by NACTP within the scanline. This is identified as item #2 in the scanline example above.


The Department does not want the address printed in the name and address area. Just print the names.

This form is to be used to pay Individual Estimated taxes for the current tax year only.

Declaration of Estimated Tax For Corporation Income Tax - Form MO-1120ES



MISSOURI DEPARTMENT OF REVENUE
2022 Declaration Of Estimated Tax for Corporation Income Tax (Form MO-1120ES)



22119010001

Missouri Tax I.D. Number	Taxable Year Ending (MM/DD/YY)	<input type="checkbox"/> 1st Qtr.	<input type="checkbox"/> 2nd Qtr.	<input type="checkbox"/> 3rd Qtr.	<input type="checkbox"/> 4th Qtr.
<input style="width: 100%;" type="text"/>	<input style="width: 25%;" type="text"/> <input style="width: 25%;" type="text"/> <input style="width: 25%;" type="text"/>				
Federal Employer I.D. Number	Due Date (MM/DD/YY)	Amount of this installment (U.S. funds only)..... \$			
<input style="width: 100%;" type="text"/>	<input style="width: 25%;" type="text"/> <input style="width: 25%;" type="text"/> <input style="width: 25%;" type="text"/>	<input style="width: 150px;" type="text" value="123456789"/> <input style="width: 30px;" type="text" value="00"/>			

Business Name	<div style="background-color: #ccc; padding: 5px; display: inline-block;">Department Use Only</div>
Address (Number and Street)	
City, State, and ZIP Code	

023 000000 000 12345678 22 12345678900 1

↑	↑	↑	↑	↑	↑	↑
1	2	3	4	5	6	7

(Revised 12-2021)

- | | | | |
|--|--|---|---|
| 1. Sort Pattern (3 digits)
Use the digits "023" | 3. Vendor Code (3 digits)
Use the assigned digits | 5. Tax Year (YY) (2 digits)
Should be "22" | 6. Amount of Installment (11 digit)
Always ends with two zeros |
| 2. DOR USE (6 zeros) | 4. MO I.D. Number (8 digit) | | 7. Check Digit (1 digit) |

Note: First voucher will always be Quarter 1, second voucher will always be Quarter 2, third voucher will always be Quarter 3 and the fourth voucher will always be Quarter 4.

Form Size: 8 1/2" x 3 3/4". Vouchers must be printed and cut to this size for testing and for taxpayer filing.

Scanline Position: The scanline should be placed 1/2" up from the bottom of the form. The top of scanline should be 3/16" down from the last horizontal line on the form. The scanline must be 1 1/2" from right side of page.

The scanline should be printed on Line 63 and Position 31. (This is figured using 66 lines per page vertically and 85 characters printed horizontally. Our equipment reads from the bottom, right side of the paper.)


The scanline must be in OCR-A font.

Miscellaneous: The "Amount of This Installment" should have hard-coded zeros at the right. The zeros should be carried down to the scanline for "Amount of Installment" which is identified as item #8 on the scanline example above.


The "Department Use Only" area should have visible boxes as shown in the example above.

Provide the last three digits of your vendor ID code assigned to your company by NACTP within the scanline. This is identified as item #3 in the scanline example above.

Corporation Income Tax Payment Voucher - Form MO-1120V



MISSOURI DEPARTMENT OF
REVENUE
2021 Corporate Income Tax
Payment Voucher (Form MO-1120V)



21120010001

Missouri Tax I.D. Number		Taxable Year Ending (MM/DD/YY)	
<input style="width: 100%;" type="text"/>	<input style="width: 25%;" type="text"/>	<input style="width: 25%;" type="text"/>	<input style="width: 25%;" type="text"/>
Federal Employer I.D. Number		Due Date (MM/DD/YY)	
<input style="width: 100%;" type="text"/>	<input style="width: 25%;" type="text"/>	<input style="width: 25%;" type="text"/>	<input style="width: 25%;" type="text"/>

Business Name	
Address (Number and Street)	
City, State, and ZIP Code	

Amount of this installment
(U.S. funds only) \$

Return this form with check or money order payable to the Missouri Department of Revenue
P.O. Box 3020, Jefferson City, MO 65105-3020. If you pay by check, you authorize the
Department to process the check electronically. Any returned check may be presented again
electronically.

Department
Use Only

000	087	000000	000000	000000	000000	0	12345678	21	12345678900	0
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
1	2	3	4	5	6	7	8	9	10	11

- | | | | | |
|--|----------------------|--------------------------------|---|--|
| 1. Vendor Code (3 digits)
Use the assigned digits | 3. DOR USE (6 zeros) | 6. DOR USE (6 zeros) | 9. Tax Year (YY) (2 digits)
Should be "21" | 10. Amount of installment (9 digits)
Always ends with two zeros |
| 2. Sort Pattern (3 digits)
Use the digits "087" | 4. DOR USE (6 zeros) | 7. Zero | | 11. Check Digit (1 digit) |
| | 5. DOR USE (6 zeros) | 8. MO Tax I.D. Nंबर (8 digits) | | |

Form Size: 8 1/2" x 3 3/4". Vouchers must be printed and cut to this size for testing and for taxpayer filing.

The scanline should be placed 1/2" up from the bottom of the form. The top of scanline should be 3/16" down from the last horizontal line on the form. The scanline must be 1 1/4" from right side of page.

The scanline should be printed on Line 63 and Position 13. (This is figured using 66 lines per page vertically and 85 characters printed horizontally.)

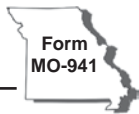
The scanline must be in OCR-A font.

Miscellaneous: The "Amount of This Installment" should have hard-coded zeros at the right. The zeros should be carried down to the scanline for the "Amount of Installment" which is identified as item #10 in the scanline example above.

The "Department Use Only" area should have visible boxes as shown in the example above.

Provide the last three digits of your vendor ID code assigned to your company by NACTP within the scanline. This is identified as item #1 in the scanline example above.

Employer's Return of Income Taxes Withheld - Form MO-941

 MISSOURI DEPARTMENT OF REVENUE Employer's Return of Income Taxes Withheld		1. Withholding This Period..... \$ 56900	
Filing Frequency	Tax Period (MMYY) 0122	2. Compensation Deduction..... \$ 600	
Missouri Tax Identification Number 12345678		3. Previous Overpay or Payments..... \$ 00	
Federal Employer Identification Number		4. Balance Due \$ 00	
Name and Address of Employer		5. Additions To Tax (see instructions) \$ 00	
Under penalties of perjury, I declare that the above information and any attached supplement is true, complete, and correct.		6. Interest (see instructions) \$ 00	
Authorized Signature _____ Date (MM/DD/YYYY) _____		7. Total Amount Due (U.S. funds only) \$ 56300	
(NACTP Code)		Department Use Only * 	
000056300 000600 000056900 12345678202201			
↑ ↑ ↑ ↑ ↑ ↑			
1 2 3 4 5 6			

- | | | | |
|---|-------------------------------------|---|-------------------------|
| 1. Line 7 - Total Amount Due
(U.S. funds only) | 2. Line 2 - Compensation Deduction | 4. Missouri Tax Identification Number (8 digits) | 6. Tax Month (2 digits) |
| | 3. Line 3 - Withholding This Period | 5. Tax Year (YYYY) (4 digits)
Should be "2022" | |

Form Size: 7 3/8" x 3 9/16". Vouchers must be printed and cut to this size for testing and for taxpayer filing.

The scanline should be placed 1/4" up from the bottom of the form. The top of scanline should be 3/16" down from the last horizontal line on the form. The scanline must be 2 1/8" from right side of page.

The scanline should be printed on Line 20 and Position 13. (This is figured using 10 lines per page vertically and 6 characters printed horizontally.)

The scanline must be in OCR-A font.

Miscellaneous: All financial amounts should have hard-coded zeros at the right. The zeros should be carried down to the scanline for items 1, 2, and 3.

The "Department Use Only" area should have visible boxes. Eight boxes on the bottom row.

Provide all four digits of your vendor ID code assigned to your company by NACTP on this voucher. The code cannot be included within the scanline. It should appear below the "Authorized Signature" box.