Rev. 11/05/20

# Scan Specifications for the 2020 Ohio SD 100

#### **Important Note**

The following document (**2020 Ohio SD 100**) contains grids for placement of information on this specific tax form. To accurately print, do not reduce the size, rotate or center this document. Doing so jeopardizes the integrity of the grid. When printing from Adobe Reader, select "None" for "Page Scaling," which is under "Page Handling."

The 2020 Ohio SD 100 test samples must be completed and submitted for approval no later than Dec. 9, 2020.

Ohio Department of Taxation 4485 Northland Ridge Blvd. Columbus, OH 43229 tax.ohio.gov

## **General information**

### General Information (2020 SD 100):

#### 1) Dimensions:

Target or Registration Marks - 0.2" diameter circles. Follow grid layout for positioning.

- 1D barcode (2 of 5 interleaved) .375"H x 1.5"W. Follow grid layout for positioning. Center the barcode number directly under the barcode.
- 2D barcode (PDF 417) See 2D instructions and schema. Follow grid layout for positioning. There is one 2D barcode for the SD 100.
- 2) 1D barcode The last two numbers of the 1D barcode represent the vendor number. Use the Ohio Department of Taxation assigned 2 digit vendor number. If you have a question about your barcode assignment, e-mail the Forms Unit at Forms@tax.state.oh.us. The first six numbers are constant for this form (200201XX 200202XX).

20 = tax year

02 = SD 100

01-02 = page number

XX = vendor number (assigned to you by the Ohio Dept. of Taxation, Forms Unit)

NOTE: The vendor number also serves as the first two digits of the SSN in the test scenarios.

- **3)** Use Arial or Courier font for the static text on the form. The static text for all target marks and header information (target marks, logo, title and 1D barcode) must match grid.
- 4) Use Courier, monospaced Arial, or similar monospaced Sans-Serif font for the variable data fields on the form.
- 5) Follow the grid layout for the variable data fields shown in red. Ensure that the tax year, target or registration marks, "For Department Use Only" area and the 1D and 2D barcodes follow grid layout.
- 6) Do not use commas, hyphens or decimals in the variable data fields except where shown in specs.
- 7) Generate whole dollar values only. All monetary fields must always display '00' in the cents field. \*Important Note\* Non-applicable lines must populate blank in the 2D barcode and show blank on the forms. Do not populate zero on the form or in the 2D barcode for non-applicable lines.
- 8) The possible negative fields for this return are lines 12, 19, 21, 25 and 26. Do not hard-code negative signs.
- **9)** Provide guidance to customers regarding duplex printing that instructs them to print pages 1 and 2 together. Taxpayers have filed returns with pages 2 and 3 duplexed or a worksheet or software receipt on the back of a page of the return. This slows the processing of the tax return.
- **10)** Generate the following message for customers: "**Do not enclose other documentation unless it is specified on the tax return or instructions.**" Taxpayers often submit worksheets and receipts from the vendor product, which slows the processing of tax returns. Any other documents generated from the software must include a 1D barcode identifying it as additional information. The preferred placement is centered on the top edge of the page within the print area, however placement at any location on the page will be accepted. Always use the following 1D barcode (2 of 5 interleaved).



- **11)** If income statements exceed the alotted amounts allowed on form SD WH, generate duplicate copies when applicable to accommodate any additional income statements. However, omit the standard 1D and 2D barcodes from the duplicate pages and include the 10211411 barcode indicated above.
- **12)** When an amended SD 100 is filed, include the SD RE (Reason of Explanation and Corrections), and the IT NOL if applicable. **Note:** NOL carryback should not be allowed on the current year return. Make sure that the SD RE barcode on this return includes your assigned vendor number. For example, if your last two digits of your 1D barcode are "05", make sure that the last two digits of the SD RE barcode is "05" also.
- **13)** If the preparer files a paper return, form IT/SD Waiver must be included. Make sure that the IT/SD Waiver barcode on this return includes your assigned vendor number. For example, if your last two digits of your 1D barcode are "05", make sure that the last two digits of the IT/SD Waiver barcode is "05" also.
- **14)** For all balance due returns, generate the proper payment voucher. For an original return use the Ohio SD 40P and for an amended return use the Ohio SD 40XP.
- \*IMPORTANT NOTE\*: If the last name is only 2 characters the scanline information must only populate 2 characters. For example, if the last name is Li, the 3 digits on the scanline of the payment voucher must read "LI" only. Do not use any other values to populate a third character. Also, omit any special characters other than an apostrophe included in the last name. The scan line is to include apostrophe, alpha, and numeric characters only.
- 15) Add this statement to your software programs. It should print out with the taxpayer's return. "Do not hand write in any corrections on the printed paper return. Hand writing in corrections will result in capturing incorrect data and delaying the processing of this income tax return. Make any corrections to this income tax return within [the software program name], then print and mail."

# Additional Instructions: 2D barcode, Submissions, Testing, and Notifications

#### **2D Barcode Instructions**

#### **General Information**

- The Ohio SD 100 bundle must be enabled for 2D barcode decoding
- A form enabled for 2D barcode should not allow users or practitioners the option to turn off/on the 2D barcode function
- The minimum error correction code level is 4
- Products must not print a 2D barcode prior to being approved by Ohio

#### Size and Placement on the Form

- 2D barcode must be placed on each page of form in the designated area indicated in the grid layout
- The maximum size of the 2D barcode is 3.5 inches wide by 1 inch in height and must fit within the designated space in the grid layout
- 2D barcode must not be bigger than the allocated area

#### **Barcode Layout**

- Each field in the barcode is delimited by a single carriage return

  - o This separates each piece of data so it may be identified and processed.
- Data included in the 2D barcode can be broken down into three general sections

#### Header

#### **Header Version Number**

Static for all barcodes, value is T1

#### **Developer Code**

 A four-digit vendor code identifying the software developer whose application produced the barcode

#### Jurisdiction

Static for all barcodes, value is OH

#### Description

• A four-digit form identifier, specific to each form

#### **Spec Version**

- A one-digit specification version control number starting with the number zero
- This number identifies the version of the specifications used to produce the form barcode

#### Form Version

- A one-digit form version control number starting with the number one (1)
- This number will only be incremented when there are changes made that would affect the content of the barcode

#### **Date Generated**

- Included on page 1 only
- Indicates date return was generated from the product

#### Form Specific Data – Please see encoding schemas for form specific data

- All fields on form are required and must be included in the 2D barcode
- Fields with values are represented by the data followed by a carriage return

 Fields with no values are represented by a carriage return only; this results in two adjacent carriage returns

#### Trailer

- The last field in the barcode data stream is the trailer.
- The trailer is used to indicate the end of data has been reached
- A static string of \*EOD\* is used as the trailer value

#### **Examples of 2D Barcode data streams**

T1 <CR> Header Version Number Developer Code 1111 < CR> Jurisdiction OH < CR> Description 2000 < CR> Spec Version 0 < CR > Form Version 1 < CR > 011521 <CR> Date Generated Line Item Specific Data IN <CR> Line Item Specific Data IT40 <CR> Line Item Specific Data 0 < CR > \*EOD\* <CR> Trailer

#### **Submission Process**

- The deadline for submitting SD 100 bundle test packets is December 9, 2020
- Test packets may be submitted by email to Forms@tax.state.oh.us
- The email subject line must include the vendor number, product name, tax year and form number in that order e.g. 12\_ABCTax\_ 19\_1040
- Submissions must include
  - Ohio form STF- Approval Request for Scannable Tax Forms
  - One (1) full field sample in a PDF format
  - Twenty (20) test scenarios for the SD 100 bundle provided by the Ohio Department of Taxation. These test scenarios can include the following return, schedules, documents and vouchers: Ohio SD 100, SD WH, SD RE, SD 40P, SD 40XP, IT/SD Waiver and others depending on the scenario. Send only the forms that each scenario requires.

Note: Make sure to send in the correct payment voucher if a scenario requires it.

- Each test scenario must be in a separate PDF using the following naming convention: vendor number, product name, tax year, form number, test number
  - e.g.12 ABCTax 19 1040 Test 1
- An emailed confirmation is sent to the vendor indicating the packet was received
- · Submissions missing any of the items above will be rejected

#### **Testing Process**

- Testing of SD 100 bundle packets commences on October 23rd, 2020
- Test packets are reviewed in two (2) content areas- printed forms and 2D barcode data
- A submission is approved in its entirety once all sample documents pass in both areas

#### **Printed forms**

- Vendor full field matches template provided in the specifications
- All fields are present, formatted properly and aligned with grid layout
- Test scenarios contain values specified by Ohio Department of Taxation

#### 2D Barcode Data

- · Barcodes read as valid
- All test scenarios can be decoded
- 2D barcode data matches data on printed forms

#### **Notifications**

- Communications regarding submissions are sent from <u>Forms@tax.state.oh.us</u> to the vendor email address(es) on file for the product
  - Vendor contact information is compiled from STF- Approval Request for Scannable Tax Forms but may also be submitted by email to the address above.
- If forms are released prior to approval, vendors must ensure that the users cannot print returns containing 2D barcodes and must include a visual indicator to alert the taxpayer that the return cannot be filed.
- An emailed confirmation is sent to the vendor indicating the packet was approved, at which
  point the product is authorized to print with a 2D barcode.
- An email confirmation is sent to the vendor for packets that are rejected
  - Feedback is provided regarding the errors found
  - Resubmit packets must include all test scenarios and the full field return
  - After the third submission of test materials, the department cannot guarantee timeliness of the review
- If a tax form changes before January 1, 2021 vendors will be notified and required to submit revised test packets.

## **Grid layout**

Rev. 10/06/20, SD 100 - page 2 of 2

12

13

14

16

18 19

20

23

29 30

31 32 33

34

35

38

40

41

42 43

45

49

52

53

54

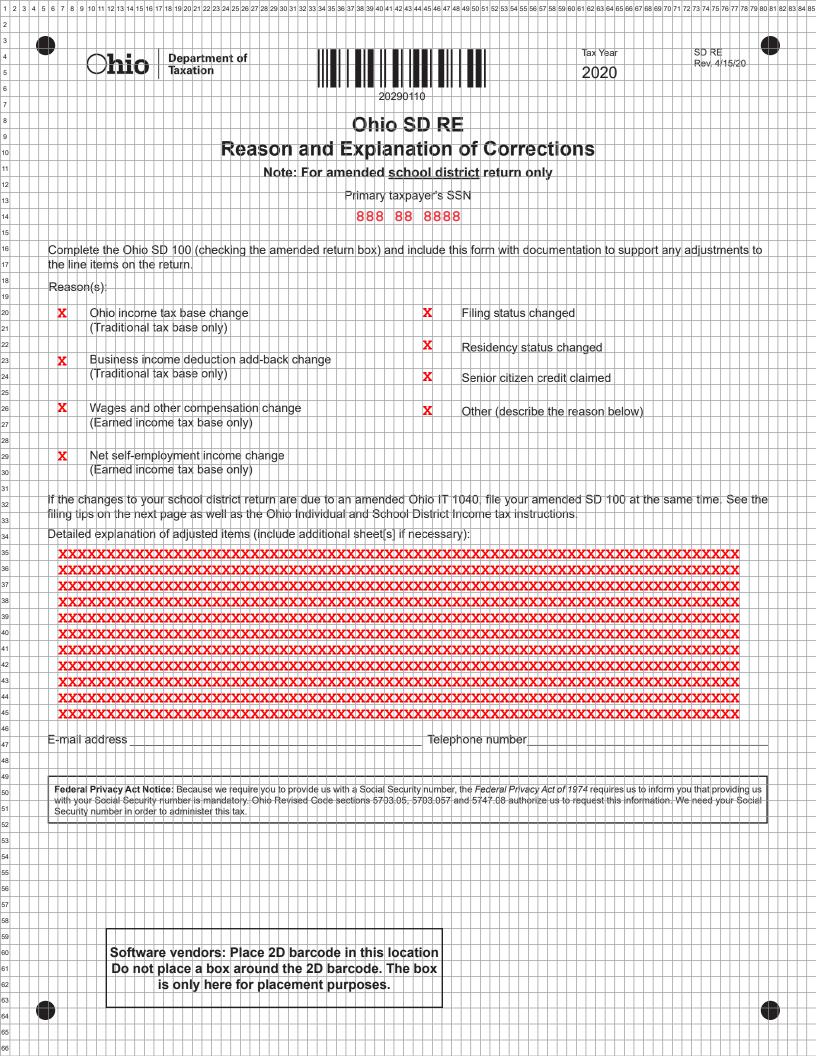
55 56

58

60

62

3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85



# Layout without grid

#### 2020 Ohio SD 100

#### **School District Income Tax Return**



88 88 88

Do not staple or paper clip.

Use only black ink/UPPERCASE letters.

File a separate Ohio SD 100 for each taxing school district in which you lived during the tax year.

X Check here if this is an <u>amended</u> return. Include the Do <u>NOT</u> include a copy of the previously filed return.		X Check	here if claimin	ng an NOL carryba	ack. Include Schedule IT	ΓNOL.
Primary taxpayer's SSN (required)  888 88 8888  X		SSN (if filing jointly 88 8888	y)	▶▶ If deceased X	School district # for this return (see instru	uctions
check box				check box	SD# >> 8888	
First name  JOHNXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	M.I. Last no PUE	ame BLICXXXXX	xxxxxx	xxxx		
Spouse's first name (only if married filing jointly)  JANEXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	M.I. Last n	ame BLICXXXXX	xxxxxx	xxxx		
Address line 1 (number and street) or P.O. Box 8888 CHERRY LANEXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	xxxxxx					
Address line 2 (apartment number, suite number, etc.)  APT 88 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	xxxxxx					
City CITYXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		State OH	ZIP code 88888	Ohio cour	nty (first four letters)	
Foreign country (if the mailing address is outside the U.S.) <b>JAPANXXXXXXXXXXXXXXXXX</b>		Foreign p	oostal code			
Residency Status — Check only one for primary		Check only	one for spouse	(if married filing j	ointly)	
X Resident X Part-year resident X Nonresident	ent	X Resider	nt X Part	-year resident	X Nonresident	
Dates of nonresidency 88 88 88 to 88 88	88	Dates of nonresidency	y 88	<b>88 88</b> to	88 88 88	
Filing Status - Check one (as reported on the Ohio IT	1040)	Tax Type	- Check one (s	see instructions)		
X Single, head of household or qualifying widow(er)		X Tradition	nal tax base. S	Start with line 19 c	of this return.	
X Married filing jointly Spouse's SS		X Earned	income tax b	oase. Start with lin	ne 24 of this return.	
X Married filing separately 888 88 8						
School district taxable income: <b>Traditional tax base:</b> Amou <b>Earned income tax base:</b> A				1.	88888888	00
2. School district income tax liability: line 1 times tax rate .	8888	(rates found in the	ne instructions)	) 2.	8888888	00
3. Senior citizen credit (you must be 65 or older to claim thi	s credit; limit	\$50 per return)		3.	88	00
4. Line 2 minus line 3 (if less than zero, enter zero)				4.	8888888	00
5. Interest penalty on underpayment of estimated tax (inclu	de Ohio IT/SD	2210)		5.	888888	00
6. Total school district income tax liability before withho	lding or estima	ated payments (li	ne 4 plus line 5	5) 6.	8888888	00

Software vendors: Place 2D barcode in this location
Do not place a box around the 2D barcode. The box
is only here for placement purposes.



#### 2020 Ohio SD 100

#### **School District Income Tax Return**



SSN 888 88 8888

SD# **8888** 

7. School district income tax withheld – Schedule of School District Withholding, part A, line 1 (INCLUDE SCHEDULE)	88888888 88888888 88888888 88888888	00 00 00
(INCLUDE SCHEDULE)	88888888 88888888 88888888	00
9. Amended return only – amount previously paid with original and/or amended return	88888888	00
10. <b>Total school district income tax payments</b> (add lines 7, 8 and 9)	8888888	
11. Amended return only – overpayment previously requested on original and/or amended return		00
40. Line 40 minus line 44. Place a fill in the household in the State	8888888	00
12. Line 10 minus line 11. Place a "-" in the box at the right if the amount is less than zero	8888888	00
If line 12 is MORE THAN line 6a, go to line 16. OTHERWISE, continue to line 13.		
13. Tax liability (line 6a minus line 12). If line 12 is negative, ignore the "-" and add line 12 to line 6a13.	8888888	00
14. Interest due on late payment of tax (see instructions)	8888888	00
15. TOTAL AMOUNT DUE (line 13 plus line 14). Include Ohio SD 40P (if original return) or Ohio SD 40XP (if amended return) and make check payable to "School District Income Tax"AMOUNT DUE ▶ 15.	88888888	00
16. Overpayment (line 12 minus line 6a)	8888888	00
17. Original return only – amount of line 16 to be credited toward next year's school district income tax liability17.	8888888	00
18. <b>REFUND</b> (line 16 minus line 17)	8888888	00
<u>Traditional Tax Base School District Amounts (lines 19 to 23)</u>		
19. Ohio IT 1040, line 3 minus Ohio IT 1040, line 4. Place a "-" in the box at the right if the amount is less than zero	8888888	00
20. Business income deduction add-back (from Ohio Schedule A, line 11)	888888	00
21. Line 19 plus line 20. Place a "-" in the box at the right if the amount is less than zero	8888888	00
22. The portion of line 21 received while a nonresident of the school district entered above	8888888	00
on line 1 of this return	8888888	00
Earned Income Tax Base School District Amounts (lines 24 to 27)		
24. Wages and other compensation received while a resident of the school district and included in modified adjusted gross income (see instructions)	8888888	00
25. Net earnings from self-employment received while a resident of the school district and included in modified adjusted gross income (see instructions)	8888888	00
26. Federal conformity adjustments (see instructions)	888888	00
27. School district taxable income (add lines 24, 25 and 26; if less than zero, enter zero). Enter here and on line 1 of this return	8888888	00
	00 or less, no refund wor less, no payment is	
Primary signature Phone number NO Payme	ent Included – Ma	ail to:
Spouse's signature Date (MM/DD/YY) Ohio De	partment of Taxat O. Box 182197 us, OH 43218-21	tion

\_ Phone number\_ Preparer's TIN (PTIN) P88888888

X Check here to authorize your preparer to discuss this return with the Department.

Preparer's printed name \_\_\_

Payment Included – Mail to: Ohio Department of Taxation P.O. Box 182389 Columbus, OH 43218-2389



#### 2020 Schedule of School **District Withholding**



Use only black ink/UPPERCASE letters.

Complete a separate schedule for each SD 100 you file that reports school district withholding.

Primary taxpayer's SSN

School District #

888 88 888

8888

List your and your spouse's (if filing jointly) W-2 and 1099-R forms only if they have school district withholding. Complete all fields for each form entered. Enter "P" in the "PIS" box if the form is the primary taxpayer's and enter "S" if it is the spouse's. Complete additional copies if necessary.

Important: On occasion, employers will report school district withholding in box 14 of the W-2 instead of the "local" boxes. In this case, enter the school district number and the withholding amount in the appropriate fields and report the Ohio state wages from box 16 as the school district wage amount.

#### Part A - Total Withholding

1. Total of all school district income tax withheld for the school district entered above. Enter here and on 1 88888888 00 line 7 of your SD 100

into r or your ob i	00	 		
Dowl D. M. Oc				

#### Part B - W-2s

X

3. X

4. P/S

X

1. P/S	Box b - EIN	Box 1 - Wages, tips, other compensation	Box 2 - Federal income tax withheld
X	888888888	88888888 00	88888888 00
	Box 15 - Employer's Ohio ID number	Box 18 - School district wages	Box 19 - School district tax

	8888888	88888888 00	
2. P/S	Box b - EIN	Box 1 - Wages, tips, other compensation	Box 2

		•
88888888	88888888	00

Box 15 - Employer's Ohio ID number	Box 18 - School district wages
8888888	88888888 00

P/S	Box b - EIN	Box 1 - Wages, tips, other compensatio

Box 15 - Employer's Ohio ID number	Box 18 - School distr

88888888	888888888
Box b - EIN	Box 1 - Wages, tips, other compensation

Box 15 - Employer's Ohio ID number	Box 18 - 9
• •	

DOX 10	Linployer	01110 12	, manned
8888	8888		

5. P/S	Box b - EIN	
X	88888888	

88888888

88888888

Box 15 - Employer's Ohio ID number
8888888

Box 15 - Employer's Ohio ID number
8888888

Part C	<u>- 1099-Rs</u>
D/C	Davis d'a TINI

. P/S	Payer's TIN
X	88888888

Box 15 - Payer's Ohio number	r
8888888	

Box 1 - Wages, tips	, other compensation
88888888	00

Box 1 - Wages, tips	, other compensation
88888888	00

Box 18 - School district wages	
88888888	

Box 18 - School district wages	

88888888 00

88888888 00

Box 1 - Wages, tips	, other compensation
88888888	00

Box 18 - School dis	trict wages
88888888	00

Box 1 - Gross distribution		
88888888	00	

Box 19 - School district distribution	
88888888	00

8888888 00

Box 2 - Federal income tax withheld

#### 8888888 00

Box 19 - School district tax	
88888888	

Box 2 - Federal income tax withheld

#### 88888888

Box 19 - School district tax 8888888 00

Box 2 - Federal income tax withheld

#### 8888888 00

Box 19 - School district tax 8888888 00

Box 2 - Federal income tax withheld

#### 88888888 00

Box 19 - School district tax 8888888 00

Box 4 - Federal income tax withheld

#### 8888888 00

Box 17 - School district tax 88888888 00

Software vendors: Place 2D barcode in this location Do not place a box around the 2D barcode. The box is only here for placement purposes.





Tax Year **2020** 

SD RE Rev. 4/15/20

### Ohio SD RE Reason and Explanation of Corrections

Note: For amended school district return only

Primary taxpayer's SSN

888 88 888

Complete the Ohio SD 100 (checking the amended return box) and include this form with documentation to support any adjustments to the line items on the return.

#### Reason(s):

- X Ohio income tax base change (Traditional tax base only)
- X Business income deduction add-back change (Traditional tax base only)
- Wages and other compensation change (Earned income tax base only)
- X Net self-employment income change (Earned income tax base only)

- X Filing status changed
- X Residency status changed
- X Senior citizen credit claimed
- X Other (describe the reason below)

If the changes to your school district return are due to an amended Ohio IT 1040, file your amended SD 100 at the same time. See the filing tips on the next page as well as the Ohio Individual and School District Income tax instructions.

Detailed explanation of adjusted items (include additional sheet[s] if necessary):

XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXX	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
E-mail address	Telephone number

**Federal Privacy Act Notice:** Because we require you to provide us with a Social Security number, the *Federal Privacy Act of 1974* requires us to inform you that providing us with your Social Security number is mandatory. Ohio Revised Code sections 5703.05, 5703.057 and 5747.08 authorize us to request this information. We need your Social Security number in order to administer this tax.

Software vendors: Place 2D barcode in this location Do not place a box around the 2D barcode. The box is only here for placement purposes.