

Form 5500-SF Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Short Form Annual Return/Report of Small Employee Benefit Plan This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ► Complete all entries in accordance with the instructions to the Form 5500-SF.	OMB Nos. 1210-0110 1210-0089 2018 This Form is Open to Public Inspection

Part I Annual Report Identification Information	
For calendar plan year 2018 or fiscal plan year beginning 05/01/2018 and ending 04/30/2019	
A This return/report is for:	☒ a single-employer plan ☐ a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
	☐ a one-participant plan ☐ a foreign plan
B This return/report is	☐ the first return/report ☐ the final return/report
	☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ DFVC program
	☐ special extension (enter description)

Part II Basic Plan Information —enter all requested information													
1a Name of plan THE DESCO FEDERAL CREDIT UNION DEFINED BENEFIT PLAN AND TRUST	<table border="1"> <tr> <td>1b Three-digit plan number (PN) ►</td> <td>001</td> </tr> <tr> <td>1c Effective date of plan</td> <td>05/01/1967</td> </tr> </table>	1b Three-digit plan number (PN) ►	001	1c Effective date of plan	05/01/1967								
1b Three-digit plan number (PN) ►	001												
1c Effective date of plan	05/01/1967												
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) DESCO FEDERAL CREDIT UNION 401 CHILLICOTHE STREET PORTSMOUTH, OH 45662	<table border="1"> <tr> <td>2b Employer Identification Number (EIN)</td> <td>31-6042202</td> </tr> <tr> <td>2c Sponsor's telephone number</td> <td>740-354-7791</td> </tr> <tr> <td>2d Business code (see instructions)</td> <td>522130</td> </tr> </table>	2b Employer Identification Number (EIN)	31-6042202	2c Sponsor's telephone number	740-354-7791	2d Business code (see instructions)	522130						
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2c Sponsor's telephone number	740-354-7791												
2d Business code (see instructions)	522130												
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	<table border="1"> <tr> <td>3b Administrator's EIN</td> </tr> <tr> <td>3c Administrator's telephone number</td> </tr> </table>	3b Administrator's EIN	3c Administrator's telephone number										
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3c Administrator's telephone number													
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name	<table border="1"> <tr> <td>4b EIN</td> </tr> <tr> <td>4d PN</td> </tr> </table>	4b EIN	4d PN										
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5e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	0												

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/03/2019	R. LEE POWELL JR.
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4190397. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	7382530	7257174
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	7382530	7257174
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	500000	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	425384	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		925384
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	1050740	
e Certain deemed and/or corrective distributions (see instructions)	8e	0	
f Administrative service providers (salaries, fees, commissions)	8f	0	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		1050740
i Net income (loss) (subtract line 8h from line 8c)	8i		-125356
j Transfers to (from) the plan (see instructions)	8j	0	

Part IV Plan Characteristics

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 3D
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		☒	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		☒	
c Was the plan covered by a fidelity bond?	10c	☒		500000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		☒	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		☒	
f Has the plan failed to provide any benefit when due under the plan?	10f		☒	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		☒	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h		☒	
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below) ☒ Yes ☐ No

11a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? ☐ Yes ☒ No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month Day Year

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline? ☐ Yes ☐ No ☐ N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year **13a**

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? ☐ Yes ☒ No

c If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</div> <div>File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2018</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2018 or fiscal plan year beginning 05/01/2018 and ending 04/30/2019	
Round off amounts to nearest dollar.	
Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan THE DESCO FEDERAL CREDIT UNION DEFINED BENEFIT PLAN AND TRUST	B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF DESCO FEDERAL CREDIT UNION	D Employer Identification Number (EIN) 31-6042202
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 05 Day 01 Year 2018			
2	Assets:			
a	Market value	2a	7382530	
b	Actuarial value	2b	7382530	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	0	0	0
b	For terminated vested participants	1	208124	208124
c	For active participants	32	2996715	2996715
d	Total	33	3204839	3204839
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) ☐			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	5.88 %	
6	Target normal cost	6	147856	

Statement by Enrolled Actuary	
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.	
SIGN HERE	
Signature of actuary	07/01/2019
CHELSEA N. HUBER	Date
Type or print name of actuary	17-08589
MCHENRY ADVISERS, INC.	Most recent enrollment number
Firm name	800-805-9538
134 E. MAIN STREET NEW ALBANY, OH 43054	Telephone number (including area code)
Address of the firm	

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>7.30</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		291896
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.07</u> %		17718
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		309614
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	230.35%
15 Adjusted funding target attainment percentage	15	230.35%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	232.07%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
05/17/2018	100000	0			
07/06/2018	100000	0			
10/18/2018	100000	0			
01/17/2019	100000	0			
04/18/2019	100000	0			
Totals ▶			18(b)	500000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	486800

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 3.92%	2nd segment: 5.52%	3rd segment: 6.29%	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 2
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	Prior regulation:	☐ Prescribed - combined	☐ Prescribed - separate	☐ Substitute
	Current regulation:	☒ Prescribed - combined	☐ Prescribed - separate	☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	147856	
b Excess assets, if applicable, but not greater than line 31a	31b	147856	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment	0		0
b Waiver amortization installment	0		0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	0	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
36 Additional cash requirement (line 34 minus line 35)	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	486800	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	486800	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

DESCO FEDERAL CREDIT UNION
DEFINED BENEFIT PLAN AND TRUST

Schedule of Active Participant Data

Plan Year: 5/1/2018 to 4/30/2019

Valuation Date: 5/1/2018

Svc/ Age	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Total
<25	0	0	0	0	0	0	0	0	0	0	0
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
25-29	0	0	0	0	0	0	0	0	0	0	0
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
30-34	0	0	0	0	0	0	0	0	0	0	0
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
35-39	0	0	0	0	0	0	0	0	0	0	0
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
40-44	0	0	0	0	1	0	1	0	0	0	2
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
45-49	0	0	0	0	2	3	3	0	0	0	8
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
50-54	0	0	0	0	4	0	1	2	0	0	7
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
55-59	0	0	0	0	1	1	2	2	1	0	7
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
60-64	0	0	0	0	0	0	0	2	2	1	5
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
65-69	0	0	0	0	0	1	1	0	1	0	3
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
70+	0	0	0	0	0	0	0	0	0	0	0
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	0	0	0	0	8	5	8	6	4	1	32
Avg Mo Comp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4417

* Employees who have not met the minimum eligibility requirements are excluded

Average Age: 54.3

Average Service: 26

DESCO FEDERAL CREDIT UNION
DEFINED BENEFIT PLAN AND TRUST

Summary of Actuarial Assumptions and Method

Plan Year: 5/1/2018 to 4/30/2019

Valuation Date: 5/1/2018

	For Funding					
		<u>Min</u>	<u>Max</u>	<u>For 417(e)</u>	<u>For Actuarial Equiv.</u>	
Interest Rates	Seg 1:	3.92%	1.89%	Seg 1:	2.72%	Pre-Retirement: 6.50%
	Seg 2:	5.52%	3.66%	Seg 2:	3.94%	Post-Retirement: 6.50%
	Seg 3:	6.29%	4.46%	Seg 3:	4.33%	
Applicable Date	03/2018	03/2018		02/2018		
Pre-Retirement						
Turnover	None			None		None
Mortality	None			None		1971 GROUP ANNUITY MORTALITY TABLE UNPROJECTED - FEMALE
Assumed Ret Age	Normal retirement age 65			Normal retirement age 65		Normal retirement age 65
Future Salary Incr	4% SALARY SCALE			None		None
Post-Retirement						
Mortality	2018 Applicable Mortality Table from Notice 2017-60			2018 Applicable Mortality Table from Notice 2017-60		1971 GROUP ANNUITY MORTALITY TABLE UNPROJECTED - FEMALE
Assumed Benefit Form For Funding				Lump Sum		
Assumed Spouse's Age	Spouse assumed to be the same age as participant			Spouse assumed to be the same age as participant		
	Participant is assumed to be married to current spouse at retirement if spouse's date of birth is known			Participant is assumed to be married to current spouse at retirement if spouse's date of birth is known		
Calculated Effective Interest Rate				5.88%		
Actuarial Cost Method				The Unit Credit funding method was used as prescribed by the Pension Protection Act. This method sets the funding target equal to the present value of accrued benefits, and sets the normal cost equal to the present value of the benefit accrued in the current year.		

An actuarial value of assets is used for funding purposes. This year the actuarial value of assets is 100.0% of the market value of assets.

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 05/01/2018 and ending 04/30/2019

▶ **Round off amounts to nearest dollar.**

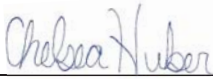
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan The Desco Federal Credit Union Defined Benefit Plan and Trust	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Desco Federal Credit Union	D Employer Identification Number (EIN) 31-6042202
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information
1 Enter the valuation date: Month 05 Day 01 Year 2018	
2 Assets:	
a Market value.....	2a 7,382,530
b Actuarial value	2b 7,382,530
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants 0 (2) Vested Funding Target 0 (3) Total Funding Target 0
b For terminated vested participants	1 208,124 208,124
c For active participants	32 2,996,715 2,996,715
d Total	33 3,204,839 3,204,839
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions.....	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate.....	5 5.88%
6 Target normal cost	6 147,856

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		07/01/2019
Signature of actuary		Date
Chelsea N. Huber		1708589
Type or print name of actuary		Most recent enrollment number
McHenry Advisers, Inc.		800-805-9538
Firm name		Telephone number (including area code)
134 E. Main Street		
New Albany OH 43054		
Address of the firm		

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

**Schedule SB (Form 5500) 2018
v. 171027**

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8).....	0	0
10 Interest on line 9 using prior year's actual return of <u>7.30%</u>	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		291,896
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.07%</u>		17,718
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
c Total available at beginning of current plan year to add to prefunding balance.....		309,614
d Portion of (c) to be added to prefunding balance.....		0
12 Other reductions in balances due to elections or deemed elections.....	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	230.35%
15 Adjusted funding target attainment percentage.....	15	230.35%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	232.07%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
05/17/2018	100,000	0			
07/06/2018	100,000	0			
10/18/2018	100,000	0			
01/17/2019	100,000	0			
04/18/2019	100,000	0			
Totals ►			18(b)	500,000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	486,800

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 3.92 %	2nd segment: 5.52 %	3rd segment: 6.29 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 2
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	Prior regulation:	☐ Prescribed - combined	☐ Prescribed - separate	☐ Substitute
	Current regulation:	☒ Prescribed - combined	☐ Prescribed - separate	☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	147,856	
b Excess assets, if applicable, but not greater than line 31a	31b	147,856	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment.....	0		0
b Waiver amortization installment	0		0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	0	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	0	0
36 Additional cash requirement (line 34 minus line 35).....	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	486,800	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	486,800	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:				
a Schedule elected	☐ 2 plus 7 years	☐ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008	☐ 2009	☐ 2010	☐ 2011

DESCO FEDERAL CREDIT UNION
DEFINED BENEFIT PLAN AND TRUST
Employer ID# 31-6042202: Plan No. 001
Quarterly Installment Payment: \$0.00

Schedule SB, line 19 - Discounted Employer Contributions

Plan Year: 5/1/2018 to 4/30/2019
Valuation Date: 5/1/2018

<u>Date</u>	<u>Amount</u>	<u>Year</u>	<u>Rate</u>	<u>Period</u>	<u>Adj Ctb</u>
05-17-2018	100,000.00	2018	5.88%	05-17-2018 to 05-01-2018	99,754.56
07-06-2018	100,000.00	2018	5.88%	07-06-2018 to 05-01-2018	98,976.21
10-18-2018	100,000.00	2018	5.88%	10-18-2018 to 05-01-2018	97,392.81
01-17-2019	100,000.00	2018	5.88%	01-17-2019 to 05-01-2018	96,026.28
04-18-2019	100,000.00	2018	5.88%	04-18-2019 to 05-01-2018	94,649.85
Totals:	500,000.00				486,799.71

19	Discounted employer contributions -- see instructions for small plan with a valuation date after the beginning of the year				
a	Contributions allocated toward unpaid minimum required contribution from prior years	19a			0.00
b	Contributions made to avoid benefit restrictions adjusted to valuation date	19b			0.00
c	Contributions allocated toward minimum required contribution for current year, adjusted to valuation date	19c			486,799.71

Schedule SB, line 22 - Description of Weighted Average Retirement Age

Plan: Desco Federal Credit Union Defined Benefit Plan and Trust

Sponsor: Desco Federal Credit Union

EIN: 31-6042202

Plan Number: 001

Plan Year: 05/01/2018 - 04/30/2019

Line 22

The Weighted Average Retirement Age is calculated based upon the PPA Funding Target:

Retirement Age	PPA Funding Target
65	2,635,622
66	124,150
67	240,534
69	204,533

**DESCO FEDERAL CREDIT UNION
DEFINED BENEFIT PLAN AND TRUST**

Summary of Plan Provisions
Plan Year: 5/1/2018 to 4/30/2019
Valuation Date: 5/1/2018

Plan Effective Date	May 1, 1967
Plan Year	From May 1, 2018 to April 30, 2019
Eligibility	<p>All employees not excluded by class are eligible to enter on the May 1 nearest the completion of the following requirements:</p> <p style="padding-left: 40px;">6 months of service Minimum age 20</p> <p>Exclude all Employees hired after 2001 and Highly Compensated Employees are excluded effective May 1, 2015</p>
Normal Retirement Age	All participants are eligible to retire with their full retirement benefit on attainment of age 65
Normal Retirement Benefit	<p>Upon normal retirement each participant will be entitled to a benefit payable in the normal form equal to the following:</p> <p style="padding-left: 40px;">40% of average compensation plus 12.5% of compensation in excess of Covered Comp Table 2 2016 with the benefit reduced for each year of service less than 25. Credited years are 12-month periods from date of hire to the anniversaries of date of hire excluding years with less than 1,000 hours.</p> <p>The maximum monthly benefit is the lesser of \$18,333.30 and 100% of the highest 3-year average salary, subject to service requirements.</p> <p>The benefit is based on average salary during the highest 18 consecutive years of service from date of hire.</p>
Early Retirement Age	<p>Attainment of age 55 Completion of 5</p>
Early Retirement Benefit	1/15th, 1/30th
Normal Form of Benefit	A benefit payable for the life of the participant and payments guaranteed for 10 years
Accrued Benefit	<p>A fraction of the normal retirement benefit, calculated based on average salary on the calculation date. The numerator of the fraction is equal to the participant's credited years earned on the calculation date, and the denominator is equal to the participant's total projected credited years at normal retirement.</p> <p>Credited years are 12-month periods from date of hire to the anniversaries of date of hire excluding the following:</p> <p style="padding-left: 40px;">Years with less than 1,000 hours</p>
Termination Benefit	Upon termination for any reason other than death or retirement

**DESCO FEDERAL CREDIT UNION
DEFINED BENEFIT PLAN AND TRUST**

Summary of Plan Provisions
Plan Year: 5/1/2018 to 4/30/2019
Valuation Date: 5/1/2018

a participant shall be entitled to a portion of the actuarial equivalent of his accrued benefit in accordance with the following vesting schedule:

<u>Credited Years</u>	<u>Vested Percent</u>
1	0
2	0
3	20
4	40
5	60
6	80
7	100

Credited years are plan years from date of hire excluding the following:

Years with less than 1,000 hours

Top-Heavy Status

A plan is top-heavy if over 60% of the value of all accrued benefits in all of the employer's plans are for the benefit of key employees. A key employee is generally an officer or owner of the company. This plan is currently not top-heavy.

Death Benefit

Actuarial Equivalent of the accrued benefit earned to date of death