Madison Strategic Sector Premium Fund Form N-Q November 17, 2017

OMB APPROVAL

OMB Number: 3235-0578 Expires: March 31, 2019 Estimated average burden hours per response....10.5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21713

Madison Strategic Sector Premium Fund (Exact name of registrant as specified in charter)

550 Science Drive, Madison, WI 53711 (Address of principal executive offices)(Zip code)

Kevin S. Thompson Chief Legal Officer Madison Asset Management, LLC 550 Science Drive Madison, WI 53711 (Name and address of agent for service)

Registrant's telephone number, including area code: 608-274-0300

Date of fiscal year end: December 31

Date of reporting period: September 30, 2017

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (ss 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the

burden to the Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. s 3507.

Madison Funds | September 30, 2017

Madison Strategic Sector Premium Fund Portfolio of Investments (unaudited)

Item 1. Schedule of Investments.

Shares Value (Note 1)

COMMON

STOCKS

89.0%

Consumer

Discretionary

10.0%

Discovery

Communications

Inc 53,800\$1,089,988 Class

C

Dollar

General 17,8001,442,690 Corp.

(A)

General

Motors 14,800597,624 Co.

(A)

Lowe's

Cos. 31,4002,510,116 Inc.

(A)

Whirlpool

Eddio 1,493,964

(A)

7,134,382

Consumer

Staples

7.3%

Costco

Wholesale 1,4001,872,906 Corp.

(A)

CVS

Health 21,2001,723,984 Corp.

(A)

Diageo PLC 3,700 488,881 ADR (A) JM Smucker 11,000 1,154,230 Co./The (A) 5,240,001 Energy 12.6% Apache **67**,500 1,717,500 (A) Baker Hughes, ^a2,0001,171,840 GE Co. (A) Marathon Petroleum 37,1002,080,568 Corp. (A) National Oilwell **2/8,500**01,018,305 Inc. (A) Occidental Petroleum 21,7001,393,357 Corp. (A) Range Resources 80,4001,573,428 Corp. (A) 8,954,998 Financials 8.9% Bank **7A7n,4600**ch,961,316 Corp. (A) Citigroup In0c500763,770 (A)

17,2001,642,772

JPMorgan Chase & Co. (A) T. Rowe Price 21,6001,958,040 Group Inc. (A) 6,325,898 Health Care 11.7% Baxter International 17,2001,079,300 Inc. (A) Biogen Inc \$,500 1,722,160 (A) Cerner Corp. \$4,4001,027,008 (A) Express Scripts Holding 26,9001,703,308 Co. (A) Gilead Sciences 27,5002,228,050 Inc. (A) McKesson **65,800** 583,718 (A) 8,343,544 Industrials 7.6% Delta **L&nt6**001,354,982 Inc. (A) 18,0001,131,120

Emerson Electric Co. (A) Textron **2**80,000 1,508,640 (A) United Technologies 12,2001,416,176 Corp. (A) 5,410,918 Information Technology 18.4% Alphabet Inc., Class 2,400 2,301,864 (A) Analog Devices 12,7001,094,359 Inc. (A) Ciena Corp §2,1001,803,737 (A) Intel **25**,400955,808 (A) See accompanying Notes to Portfolios of Investments.

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Madison Strategic Sector Premium Fund Portfolio of Investments (unaudited)

Microsoft Corp. (A) QUALCOMM Inc. (A) Visa Inc., Class A (A) Xilinx Inc. (A)	30,000 38,000 14,000 18,500	2,234,700 1,969,920 1,473,360 1,310,355 13,144,103
Materials - 2.0% DowDuPont Inc. (A)	20,700	1,433,061
Real Estate - 3.2% Weyerhaeuser Co. (A)	66,800	2,273,204
Telecommunication Service - 4.1% T-Mobile U.S. Inc. * (A)	47,600	2,935,016
Utilities - 3.2% NRG Energy Inc. (A) Total Common Stocks (Cost \$67,941,652)	89,000	2,277,510 63,472,635
INVESTMENT COMPANIES - 6.6% PowerShares DB Gold Fund * SPDR S&P Oil & Gas Exploration & Production ETF (A) VanEck Vectors Gold Miners ETF (A) Total Investment Companies (Cost \$4,779,131)	44,200 43,100 63,200	1,802,034 1,469,279 1,451,072 4,722,385
SHORT-TERM INVESTMENTS - 3.0% State Street Institutional U.S. Government Money Market Fund, 0.92%, Premier Class Total Short-Term Investments (Cost \$2,104,785)	2,104,785	2,104,785 2,104,785
U.S. GOVERNMENT AND AGENCY OBLIGATIONS - 5.6%	Par Value	
U.S. Treasury Bill (B) (C), 1.011%, 10/5/17 Total U.S. Government and Agency Obligations (Cost \$3,000,558)	\$4,000,00	03,999,558 3,999,558
(Cost \$3,999,558) TOTAL INVESTMENTS - 104.2% (Cost \$78,825,126) TOTAL PUT OPTIONS PURCHASED - 0.1% TOTAL CALL & PUT OPTIONS WRITTEN - (3.2%) NET OTHER ASSETS AND LIABILITIES - (1.1%) TOTAL NET ASSETS - 100.0%		74,299,363 71,550 (2,251,229) (792,447) \$71,327,237

^{*} Non-income producing.

(B) ate noted represents annualized yield at time of purchase.

(C)

All or a portion of these securities' positions represent covers (directly or through conversion rights) for outstanding options written.

All or a portion of these securities are segregated as collateral for put options written. As of September 30, 2017, the total amount segregated was \$3,999,558.

Apperican Depositary Receipt.

EERchange Traded Fund.

Pleablic Limited Company.

See accompanying Notes to Portfolios of Investments.

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Madison Funds | September 30, 2017

Madison Strategic Sector Premium Fund Portfolio of Investments (unaudited)

Purchased Option Contracts Outstanding at September 30, 2017

Description	Exercise Price	Expiration Date	Number of Contracts	Amount	l Market Value	Pai	d	Unrealized Appreciation (Depreciation)
Put Option Purchased								
S&P 500 Index	\$2,420.00	010/20/2017	270	\$ 27.000	\$71,550	\$	996,582	\$ (925,032)
Total Put Options Purchased				27,000	\$71,550			\$ (925,032)

Written Option Contracts Outstanding at September 30, 2017

Description Call Options Written	Exercise Price	Expiration Date	Number e of Contracts	Notional N Amount V		Paic	miums l ceived)	Unrealized Appreciation (Depreciation)
Call Options Written	¢050.00	10/20/2017	(0)	¢ (000) ¢	C (15 400)	ν Φ	(0.501)	¢ (5 000)
Alphabet Inc., Class C	\$950.00	10/20/2017	(8)	\$ (800) \$			(9,591)	\$ (5,809)
Alphabet Inc., Class C	960.00	01/19/2018	(16)	(1,600)	(67,280)		(39,220)	
Analog Devices Inc.	87.50	01/19/2018	(127)	(12,700)	(43,815)		(41,777)	
Apache Corp.	47.50	01/19/2018	(190)	(19,000)	(43,890)		(39,467)	
Baker Hughes, a GE Co.	35.00	10/20/2017	(160)	(16,000)	(31,200)		(9,462)	(21,738)
Bank of America Corp.	25.00	10/20/2017	(310)	(31,000)	(22,630)		(17,036)	
Bank of America Corp.	25.00	01/19/2018	(464)	(46,400)	(70,296)		(44,083)	
Baxter International Inc.	65.00	01/19/2018	(90)	(9,000)	(11,835)		(11,187)	
Biogen Inc.	300.00	10/20/2017	(55)	(5,500)	(87,450)		(28,042)	
Cerner Corp.	67.50	01/19/2018	(144)	(14,400)	(90,000))	(30,602)	
Ciena Corp.	25.00	10/20/2017	(182)	(18,200)	(728)		(16,450)	15,722
Ciena Corp.	24.00	01/19/2018	(121)	(12,100)	(10,103))	(11,359)	1,256
Citigroup Inc.	67.50	10/20/2017	(105)	(10,500)	(56,700))	(24,040)	(32,660)
Costco Wholesale Corp.	158.00	10/20/2017	(57)	(5,700)	(42,893))	(16,470)	(26,423)
Costco Wholesale Corp.	160.00	10/20/2017	(57)	(5,700)	(34,058))	(13,297)	(20,761)
CVS Health Corp.	80.00	10/20/2017	(106)	(10,600)	(21,147))	(10,663)	(10,484)
CVS Health Corp.	80.00	01/19/2018	(106)	(10,600)	(41,870))	(18,757)	(23,113)
Delta Air Lines Inc.	50.00	01/19/2018	(281)	(28,100)	(54,093))	(51,595)	(2,498)
Diageo PLC	125.00	10/20/2017	(37)	(3,700)	(27,750))	(7,546)	(20,204)
Dollar General Corp.	80.00	10/20/2017	(178)	(17,800)	(37,380))	(22,954)	(14,426)
DowDuPont Inc.	65.00	01/19/2018	(100)	(10,000)	(53,500))	(24,395)	(29,105)
DowDuPont Inc.	72.50	01/19/2018	(107)	(10,700)	(12,144))	(17,012)	4,868
Emerson Electric Co.	60.00	10/20/2017	(180)	(18,000)	(54,900))	(16,912)	(37,988)
Express Scripts Holding Co.	62.50	10/20/2017	(135)	(13,500)	(20,183))	(20,115)	(68)
Express Scripts Holding Co.	67.50	01/19/2018	(134)	(13,400)	(15,477))	(18,224)	2,747
General Motors Co.	37.00	10/20/2017	(148)	(14,800)	(51,430))	(14,645)	(36,785)
Gilead Sciences Inc.	85.00	10/20/2017	(100)	(10,000)	(5,300)		(11,196)	
Gilead Sciences Inc.	87.50	10/20/2017	(35)	(3,500)	(875)		(3,814)	2,939

Gilead Sciences Inc.	90.00	01/19/2018	(140)	(14,000)	(19,390)	(26,734)	7,344
Intel Corp.	37.00	10/20/2017	(121)	(12,100)	(15,306)	(7,255)	(8,051)
Intel Corp.	36.00	10/20/2017	(130)	(13,000)	(27,755)	(8,054)	(19,701)
JM Smucker Co./The	110.00	01/19/2018	(110)	(11,000)	(23,100)	(26,063)	2,963
JPMorgan Chase & Co.	95.00	10/20/2017	(52)	(5,200)	(7,904)	(9,254)	1,350
JPMorgan Chase & Co.	97.50	01/19/2018	(120)	(12,000)	(30,240)	(27,728)	(2,512)
Lowe's Cos. Inc.	75.00	10/20/2017	(115)	(11,500)	(59,225)	(16,624)	(42,601)
Lowe's Cos. Inc.	80.00	10/20/2017	(199)	(19,900)	(23,582)	(23,513)	(69)
Marathon Petroleum Corp.	55.00	10/20/2017	(267)	(26,700)	(46,325)	(57,125)	10,800

See accompanying Notes to Portfolios of Investments.

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Madison Strategic Sector Premium Fund Portfolio of Investments (unaudited)

Marathon Petroleum Corp.	55.00	11/17/2017 (104)(10,400)(26,312)	(16,531)	(9,781)
McKesson Corp.	150.00	10/20/2017 (38) (3,800) (21,470)	(10,980)	(10,490)
Microsoft Corp.	75.00	10/20/2017 (220)(22,000) (17,050)	(32,730)	15,680
Microsoft Corp.	75.00	01/19/2018(80) (8,000) (21,280)	(17,916)	(3,364)
National Oilwell Varco Inc.	32.00	10/20/2017 (140)(14,000)(52,150)	(9,934)	(42,216)
National Oilwell Varco Inc.	37.50	01/19/2018(145)(14,500)(19,865)	(18,962)	(903)
NRG Energy Inc.	28.00	01/19/2018(450)(45,000)(60,750)	(50,530)	(10,220)
Occidental Petroleum Corp.	65.00	01/19/2018(110)(11,000)(26,730)	(17,192)	(9,538)
Occidental Petroleum Corp.	67.50	01/19/2018(107)(10,700)(15,140)	(19,897)	4,757
QUALCOMM Inc.	55.00	10/20/2017(100)(10,000)(1,150)	(10,822)	9,672
Range Resources Corp.	20.00	10/20/2017 (270)(27,000)(15,525)	(21,318)	5,793
Range Resources Corp.	21.00	10/20/2017 (270)(27,000)(6,750)	(11,869)	5,119
SPDR S&P Oil & Gas Exploration &	21.00	10/20/2017 (220)222 000) (60 200)	(19.020)	(51.270)
Production ETF	31.00	10/20/2017(220)(22,000)(69,300)	(18,030)	(51,270)
T-Mobile U.S. Inc.	67.50	11/17/2017 (160)(16,000)(10,160)	(29,063)	18,903
T-Mobile U.S. Inc.	67.50	01/19/2018(130)(13,000)(17,225)	(26,514)	9,289
T. Rowe Price Group Inc.	75.00	10/20/2017 (126)(12,600)(197,190)	(27,622)	(169,568)
T. Rowe Price Group Inc.	80.00	10/20/2017(90) (9,000) (96,750)	(23,396)	(73,354)
Textron Inc.	55.00	01/19/2018(280)(28,000)(70,700)	(59,783)	(10,917)
United Technologies Corp.	120.00	01/19/2018(122)(12,200)(29,524)	(28,462)	(1,062)
VanEck Vectors Gold Miners ETF	24.00	10/20/2017 (632) (63,200) (10,112)	(42,764)	32,652
Visa Inc., Class A	110.00	01/19/2018(140)(14,000)(28,070)	(23,584)	(4,486)
Weyerhaeuser Co.	35.00	01/19/2018(68)(6,800)(5,610)	(5,723)	113
Whirlpool Corp.	185.00	10/20/2017 (45) (4,500) (15,457)	(17,053)	1,596
Whirlpool Corp.	180.00	01/19/2018(36) (3,600) (43,200)	(19,042)	(24,158)
Xilinx Inc.	70.00	10/20/2017 (105) 10,500) (20,370)	(13,244)	(7,126)
Xilinx Inc.	72.50	01/19/2018(80) (8,000) (25,600)	(20,316)	(5,284)
Total Call Options Written)\$(1,385,53	
1			, , , , ,	
Put Options Written				
Apache Corp.	\$45.00	10/20/2017(100)\$(10,000)\$(8,950)	\$(24,814)	\$15,864
Baker Hughes, a GE Co.	35.00	10/20/2017(122)(12,200)(3,660)	(20,612)	16,952
Range Resources Corp.	17.00	10/20/2017 (300)(30,000)(2,250)	(25,187)	22,937
S&P 500 Index		010/20/2017(270)(27,000)(35,775)	(620,719)	
Total Put Options Written	,	\ \ - \ \ - \ \ - \ \ - \ \ - \ \ - \ \ \ - \	())	- ,-
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