

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

FORM 13F COVER PAGE

OMB APPROVAL	
OMB Number:	3235-0006
Expires:	July 31, 2015
Estimated average burden hours per response:	23.8

Report for the Calendar Year or Quarter Ended: **06-30-2018**

Check here if Amendment Amendment Number:

This Amendment (Check only one.): is a restatement.

adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: **DOW CHEMICAL CO /DE/**

Address: **2211 H.H. DOW WAY**

MIDLAND, MI 48674-2030

Form 13F File
Number: **028-00590**

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: **Ronald C. Edmonds**

Title: **Controller and Vice President of Controllers and Tax**

Phone: **989-636-5018**

Signature, Place, and Date of Signing:

/s/ Ronald C. Edmonds **Midland, MI** **08-10-2018**
[Signature] [City, State] [Date]

Report Type (Check only one.):

13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: **0**

Form 13F Information Table Entry Total: **16**

Form 13F Information Table Value Total: **277,592**

(thousands)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

NONE

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FORM 13F INFORMATION TABLE

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8			
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY		
				PRN AMT	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
FORTRESS TRANS INFRST INVS L	COM REP LTD LIAB	34960P101	53,087	2,937,864	SH	SOLE		2,937,864	0	0
JPMORGAN CHASE & CO	ALERIAN ML ETN	46625H365	18,021	678,000	SH	SOLE		678,000	0	0
SELECT SECTOR SPDR TR	SBI INT-UTILS	81369Y886	11,018	212,047	SH	SOLE		212,047	0	0
SELECT SECTOR SPDR TR	SBI HEALTHCARE	81369Y209	5,842	70,000	SH	SOLE		70,000	0	0
SELECT SECTOR SPDR TR	SBI CONS STPLS	81369Y308	1,728	33,535	SH	SOLE		33,535	0	0
SELECT SECTOR SPDR TR	SBI MATERIALS	81369Y100	3,188	54,892	SH	SOLE		54,892	0	0
SELECT SECTOR SPDR TR	SBI CONS DISCR	81369Y407	8,811	80,610	SH	SOLE		80,610	0	0
SELECT SECTOR SPDR TR	ENERGY	81369Y506	8,082	106,424	SH	SOLE		106,424	0	0
SELECT SECTOR SPDR TR	SBI INT-FINL	81369Y605	7,279	273,755	SH	SOLE		273,755	0	0
SELECT SECTOR SPDR TR	SBI INT-INDS	81369Y704	3,160	44,112	SH	SOLE		44,112	0	0
SELECT SECTOR SPDR TR	TECHNOLOGY	81369Y803	15,532	223,575	SH	SOLE		223,575	0	0
SELECT SECTOR SPDR TR	RL EST SEL SEC	81369Y860	1,713	52,375	SH	SOLE		52,375	0	0
TETRAPHASE PHARMACEUTICALS I	COM	88165N105	232	65,000	SH	SOLE		65,000	0	0
PFENEX INC	COM	717071104	9,583	1,771,428	SH	SOLE		1,771,428	0	0
AGROFRESH SOLUTIONS	COM	00856G109	129,206	18,431,604	SH	SOLE		18,431,604	0	0
AGROFRESH SOLUTIONS	WARRANTS	00856G117	1,110	3,000,000	SH	SOLE		3,000,000	0	0